BID
Majalah Satelit FTA Terbesar di Dunia
210
TELE SATELIT & BROADBAND
B 9318 E
04-05 2009

Laporan Perusahaan
ALUO-SAT
Bisnis Membantu di China

Laporan Perusahaan
TOPFIELD
Gabungan Satelit dan Internet

Laporan Uji
AB-COM
Seberapa hebat Receiver Linux HD PVR Modern?

TELE SATELLITE AWARD & BROADBAND 04-05/2009

AB IPBox 910HD

TOPFIELD®
LEADER OF MULTIMEDIA HOME

TMS
SRM-2100

Start the New year with Topfield Media Solution.

PVR

Playing recorded programmes at up to 64 times speed at maximum.

GAME

Featuring on-line game 'BATTLE TANK'.

UCC

Playing media contents of YouTube.

DivX

Supporting video files of DivX 3.11, 4.1 and 5.x.

- Able to transfer media files among network users.
- Live-chatting available among network users.

www.i-topfield.com

Topfield Co., Ltd. Topfield bldg. 207 Geumgok-Dong, Bundang-Gu, Seongnam, Korea, 463-869 Tel: +82 31 778 0800 Fax: +82 31 778 0801

* Specifications, functions or design of this product shall be subject to chage for improvement without any futher notice.

Eksklusif untuk Pembaca TELE-satelit "Dunia Satelit" SatcoDX

Peranti Lunak "Dunia Satelit" SatcoDX mengandung data teknis dari setiap satelit seluruh dunia

Alamat Redaksi:
TELE-satelit
PO Box 1234
85766 Munich-Ufg
JERMAN

Pimpinan Editor:
Alexander Wiese
alex@TELE-satellite.com

Diterbitkan Oleh:
TELE-satellite Medien GmbH
85774 Unterföhring
JERMAN

Desain Grafis
Nemeti Barna Attila
HONGARIA

Penterjemah
Vincent Witjhun

Iklan Internasional
www.TELE-satellite.com/ads/

Subscription Service English Edition
TELE-satellite
Subscription Service
P.T. Indoprom Indonesia
Jl. Komodor Halim
Perdana Kusuma No. 12
Jakarta 13610
Fax +62-21-809-2679

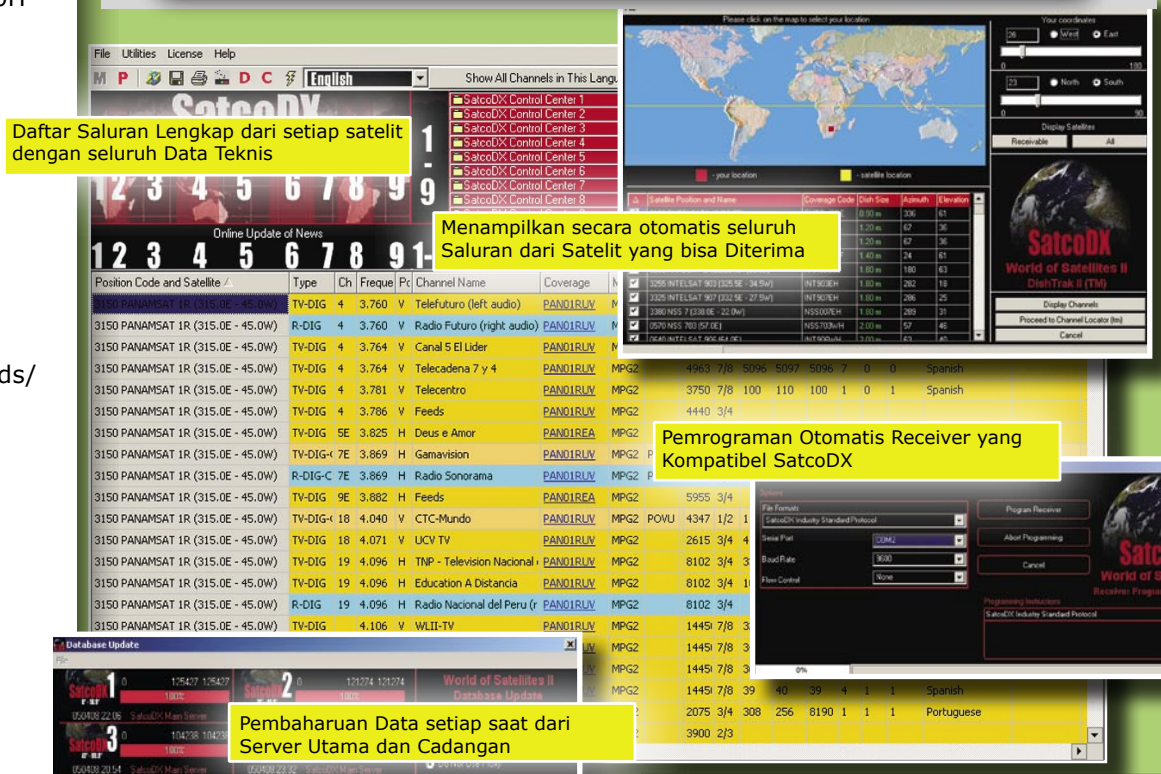
Copyright
© 2009 by TELE-satellite

ISSN 1861-535X

Internet
www.TELE-satellite.com/bid

Anggota Distripress

Unduh Peranti Lunak SatcoDX di sini:
www.TELE-satellite.com/cd/0906/bid



Read TELE-satellite Magazine online:
http://magazine.tele-satellite.com/TELE-satellite-0905-eng.pdf

Lesen Sie TELE-satellit Magazin online:
http://magazine.tele-satellite.com/TELE-satellite-0905-deu.pdf

Read This Issue Online

Arabic العربية
http://magazine.tele-satellite.com/TELE-satellite-0905-ara.pdf

Indonesian Bahasa Indonesia
http://magazine.tele-satellite.com/TELE-satellite-0905-bid.pdf

Bulgarian Български
http://magazine.tele-satellite.com/TELE-satellite-0905-bul.pdf

Czech Česky
http://magazine.tele-satellite.com/TELE-satellite-0905-ces.pdf

German Deutsch
http://magazine.tele-satellite.com/TELE-satellite-0905-deu.pdf

English
http://magazine.tele-satellite.com/TELE-satellite-0905-eng.pdf

Spanish Español
http://magazine.tele-satellite.com/TELE-satellite-0905-esp.pdf

Farsi فارسي
http://magazine.tele-satellite.com/TELE-satellite-0905-far.pdf

French Français
http://magazine.tele-satellite.com/TELE-satellite-0905-fra.pdf

Greek Ελληνικά
http://magazine.tele-satellite.com/TELE-satellite-0905-hel.pdf

Croatian Hrvatski
http://magazine.tele-satellite.com/TELE-satellite-0905-hrv.pdf

Italian Italiano
http://magazine.tele-satellite.com/TELE-satellite-0905-ita.pdf

Hungarian Magyar
http://magazine.tele-satellite.com/TELE-satellite-0905-mag.pdf

Chinese 中文
http://magazine.tele-satellite.com/TELE-satellite-0905-man.pdf

Dutch Nederlands
http://magazine.tele-satellite.com/TELE-satellite-0905-ned.pdf

Polish Polski
http://magazine.tele-satellite.com/TELE-satellite-0905-pol.pdf

Portuguese Português
http://magazine.tele-satellite.com/TELE-satellite-0905-por.pdf

Russian Русский
http://magazine.tele-satellite.com/TELE-satellite-0905-rus.pdf

Swedish Svenska
http://magazine.tele-satellite.com/TELE-satellite-0905-sve.pdf

Turkish Türkçe
http://magazine.tele-satellite.com/TELE-satellite-0905-tur.pdf

Available online starting from 27 March 2009

اقرأ مجلة تيلي ستلايت مباشر
http://magazine.tele-satellite.com/TELE-satellite-0903-ara.pdf

Baca Majalah TELE-satelit online
http://magazine.tele-satellite.com/TELE-satellite-0903-bid.pdf

Прочетете сп. ТЕЛЕ-сателит онлайн:
http://magazine.tele-satellite.com/TELE-satellite-0903-bul.pdf

Přečtete si magazín TELE-satelit online:
http://magazine.tele-satellite.com/TELE-satellite-0903-ces.pdf

Lesen Sie TELE-satellit online:
http://magazine.tele-satellite.com/TELE-satellite-0903-deu.pdf

Read TELE-satellite Magazine online:
http://magazine.tele-satellite.com/TELE-satellite-0903-eng.pdf

Lea La Revista TELE-satélite en Linea:
http://magazine.tele-satellite.com/TELE-satellite-0903-esp.pdf

مجله تله ستلایت اینترنشنال را آن لاین مطالعه کنید
http://magazine.tele-satellite.com/TELE-satellite-0903-far.pdf

Téléchargez revue TELE-satellite entière sur notre serveur:
http://magazine.tele-satellite.com/TELE-satellite-0903-fra.pdf

Διαβάστε online το Περιοδικό TELE-satellite Διεθνές:
http://magazine.tele-satellite.com/TELE-satellite-0903-hel.pdf

Čitajte međunarodni časopis TELE-satelit na Internetu:
http://magazine.tele-satellite.com/TELE-satellite-0903-hrv.pdf

Leggete Online la rivista TELE-satellite:
http://magazine.tele-satellite.com/TELE-satellite-0903-ita.pdf

Olvassa a TELE-satellite magazint Internet cimünkön:
http://magazine.tele-satellite.com/TELE-satellite-0903-mag.pdf

在线阅读《国际卫星电视
http://magazine.tele-satellite.com/TELE-satellite-0903-man.pdf

Lees TELE-satelliet Magazine online:
http://magazine.tele-satellite.com/TELE-satellite-0903-ned.pdf

Czytaj TELE-satelitę Magazyn w wersji on-line :
http://magazine.tele-satellite.com/TELE-satellite-0903-pol.pdf

Ler Revista TELE-satélite online:
http://magazine.tele-satellite.com/TELE-satellite-0903-por.pdf

Читайте журнал ТЕЛЕ-сателлайт он-лайн:
http://magazine.tele-satellite.com/TELE-satellite-0903-rus.pdf

Läs TELE-satellit online:
http://magazine.tele-satellite.com/TELE-satellite-0903-sve.pdf

Uluslararası TELE-satellite Dergisi'ni online okuyun:
http://magazine.tele-satellite.com/TELE-satellite-0903-tur.pdf

Technomate

The New

TM-5000 Super Series

with USB PVR for Recording

Introducing the New TM-5000 USB Super Series...

- ✓ 10,000 Channel Memory
- ✓ Component Output (YPbPr)
- ✓ Super Sensitive Tuner
- ✓ Very Fast Blind Search
- ✓ Based on 2008 What Satellite Magazine's Best Enthusiast Receiver

USB Features:

- ✓ Record/Playback Scrambled & Free-To-Air (FTA) Channels by USB 2.0
- ✓ Pause Live TV by Timeshift via USB 2.0
- ✓ Forward/Rewind Recordings
- ✓ USB 2.0 for Software Download/Upload, MP3 & JPEG Playback
- ✓ Rear Mounted USB 2.0
- ✓ Silver or Black

Based on the HIGHEST Rated Satellite Receiver...ever! (92%)

The TM-5200 D USB reviewed by What Satellite Magazine (Jan 2008)

TM-5200 D USB super
Free-To-Air Satellite Receiver

TM-5300 D+ USB super
with Built-in Smart Card Reader

TM-5400 CI+ USB super
with Card Reader + Common Interface

TM-5600 CI USB super
with Common Interface

High-Definition

Satellite & Terrestrial Receiver

TM-6900 HD COMBO Super

- ✓ Based on the Award Winning TM-6900 HD COMBO
- ✓ 2x USB 2.0 Ports (Front + Rear)
- ✓ Very Fast & Detailed Hardware Blind Search
- ✓ RF Modulator
- ✓ eSATA
- ✓ Ethernet Communication Port

• 10,000 Channels • Record Scrambled & FTA Channels by USB • Timeshift
• MP3 & JPEG Playback & Data/Software Transfer by USB 2.0 • 1080i, 720p, 576p & 576i
• MPEG-2, MPEG-4 & H.264 • Built-in Upscaler to Improve Standard Picture Quality
• 1 Smart Card Reader & 2 Common Interface (CI) • VFD Display • Silver or Black

Technomate Europe
Zi De Vunt 4, 3220 Holsbeek, Belgium
Tel: +32(0)16/40.80.47

COMPETITIVE PRICE • HIGH QUALITY • RELIABILITY

OPENSAT

3500 HDMI PVR

Smart Card reader • HDMI output • VFD display • USB PVR ready – recording & playing using external HDD or USB • software upgrade via USB 2.0 • Timeshift function • PIP

3000 CRCI PVR

Smart Card reader • 1x CI slot • USB PVR ready - recording & playing using external HDD or USB • software upgrade via USB 2.0 • Timeshift function • PIP

3500CI HDMI PVR

Smart Card reader • 1x CI slot • HDMI output • VFD display • USB PVR ready - recording & playing using external HDD or USB • software upgrade via USB 2.0 • Timeshift function • PIP

3000 CR PVR

Smart Card reader • USB PVR ready - recording & playing using external HDD or USB • software upgrade via USB 2.0 • Timeshift function • PIP

b2c electronic

For Germany please contact: b2c-electronic GmbH, Industriestraße 4a, 97618 Niederlauer
info@b2c-electronic.de, telephone: +49 9771 635 67 100, telefax: + 49 9771 635 67 144

more info: www.opensat.info

ABC BIZNIS

ABC BIZNIS Krušovská 4646, 955 01 Topoľčany, Slovakia, Tel.: +421 38 5313508, Fax: +421 38 5313508, E-mail: info@abcbiznis.sk, Web: www.abcbiznis.sk

DAFTAR ISI

AB IPBOX 910HD
Digital Linux-based HDTV PVR Receiver for DVB-S, DVB-S2, DVB-C and DVB-T Reception 28

FLOPPYDTV
DVB-S/2 Solution for the PC 36

OPENSAT 3000CRCI PVR
Digital DVB-S CI-PVR Receiver ...42

Beginner's section:
PC Software for Topfield Receivers 16

AWARD Winning:
Satellite Products of 21st Century 52

Company Report: AB-COM, Satellite Receiver Manufacturer, Slovakia 64

Company Report: TOPFIELD, High-End Receiver Manufacturer, Korea.....74

Company Report:
Worldwide Satellites, North American Satellite Wholesaler 80

Company Report:
Aluo-sat, Satellite Consultant, China 84

Satellite information:
New Satellites.....88

Media: News 92

SatcoDX Chart 99

History: 20 Years Ago 124

History: 10 Years Ago 126

Pembaca Yang Budiman,

Pemilihan receiver HDTV yang tidak terkecuali semakin baik dari waktu ke waktu. Dalam edisi ini sekali lagi kami memperkenalkan dua unit baru: receiver PVR dan PC card.

Sayangnya, jumlah saluran HDTV tidak meningkat dengan kecepatan yang sama. Sebaliknya, krisis ekonomi yang sedang berlangsung memaksa beberapa provider untuk menurunkan bitrates; hal ini dilakukan untuk menghemat biaya provider satelit. Hasilnya adalah tayangan TV semakin tidak menarik dilihat. Yang disebut "pixel sludge", ketika kualitas gambar telah mencapai tingkatan terendah.

Opini saya, seharusnya diambil cara sebaliknya. Daripada menayangkan sebanyak-banyaknya saluran dengan kualitas gambar yang jelek, provider seharusnya mengurangi jumlah salurannya sehingga saluran yang tertinggal dapat dipancarkan dengan kualitas yang baik!

Menakjubkan: statistik SatcoDX menunjukkan bahwa saat ini terdapat lebih dari 18.000 saluran TV di seluruh dunia. Namun kenyataannya, pemirsa biasa menonton tidak lebih dari 100 saluran – nyatanya, jumlah ini mendekati 50 dan bahkan kurang.

Sekarang pertanyaannya menjadi: kriteria apa yang dipakai pemirsa untuk memilih saluran favoritnya dan memrogram pada kendali jarak jauhnya?

Diragukan bahwa seseorang telah melihat apakah pemirsa memrioritaskan saluran yang mereka tonton berdasarkan materi tayangan. Saya merasa bahwa saluran-saluran dengan kualitas gambar yang terbaik secara otomatis akan mendapatkan perhatian dari pemirsa – dengan isi acara hanya memegang peranan kecil di sini.

Saya percaya bahwa jika penyelenggara siaran akan mengurangi jumlah saluran dan berinvestasi pada kualitas gambar yang lebih baik, hasilnya adalah akan lebih banyak pemirsa. Dan efek samping kecil: pabrikan receiver dan monitor akan lebih senang karena kualitas gambar yang lebih baik akan membuat pemirsa lebih gembira dengan perangkat penerimaannya.

Kadang-kadang sedikit adalah banyak!

Salam, Alexander Wiese

P.S.: Stasiun radio favorit saya bulan ini: "Radio Fresh" di THOR 359 BT (1 BB) 12,169 GHz, H, 28000: stasiun musik pop dari Bulgaria dengan sedikit bicara dan banyak musik.

IKLAN

ABCBIZNIS.....11
ABCOM 26-27
ACCESS-NET.....94
ALUOSAT 96
ANGA CABLE-2009 21
ARION.....13
AZURE SHINE.....81
COMMUNICASIA-2009 63
DISHPOINTER 107
DIZIPIA 131
DOEBIS 14-15
DVB-STREAM.....85
EEBC-2009 83
FORTIS.....19
GT-SAT INTERNATIONAL.....79
HORIZON 45
INFOSAT.....31
JIUZHOU 132
KOMSIS.....37
MECOM-2009..... 101
MFC.....81
MOTECK 37
MTI 77
NANOXX.....97
PASAT ANTENY.....77
PROMAX.....51
REMOTEMAN 105
ROGETECH.....71
SATCATCHER 69
SEATEL.....35
SG LAB 103
SMART.....39
SMARTWI.....25
SONICVIEW 23
SPACELINK.....91
SPAUN.....67, 93
SUBUR SEMESTA 47
SUN CREATE.....85
TEHNICB 95
TECHNOMATE 10
TELE-SATELLITE.....73
TEVII 69
TOPFIELD..... 2
TRIMAX.....71
VIEWSAT.....75

HD2.0

MPEG-4 HD Satellite **PVR Ready** STB
with USB Host

PVR ready · HDMI · StabiSAT · DiSEqC · DVB · DOLBY DIGITAL PLUS · conax · USB

Tuner Loop-Through Output(Full band) Compliant with Cable Ready Specification (for Cable STB only)
Dolby Digital Down-Mix Output Support (*Optional)
Conax CAS 7 Embedded Chipset Pairing
Cable HD Ready Support (for Cable STB only)
MPEG-2 / MPEG-4 Part 10 AVC HD/H.264 compliant
Software Upgrade via USB 2.0
YPbPr, CVBS, HDMI, SCART Video Output Support
Various Video Aspect Ratio with 4:3, Letter Box, Full Screen and 16:9 Support
Various Video Display Format with PAL 576i/576p/720p/1080i 50 Support
Easy and Fast Auto Programming, Intuitive User Interface
Multi Language Support(Customer Option)

HD2.0 *Slim*

ARION
TECHNOLOGY
Good Choice Better Life!
www.arion.co.kr/global

ARION Technology Inc. Tel +82-31-361-3000 / Fax +82-31-361-3099 / e-mail info@arion.co.kr

DOEBIS

Kompetenz in Satellitentechnik

NEW TECHNOLOGIES – NOW ON STOCK

JAEGER · HUMAX · TOPFIELD · SMW SWEDISH MICROWAVE AB · emitor · MICROELECTRONICS TECHNOLOGY INC.
ALPS · GIBERTINI · Boca · Inverto · S2 SPAUN · Stab

TOPFIELD NEW

Topfield Media Solution

Features available at launch

- Fully compliant with DVB-S2.
  - * High profile level 4.1 H.264/AVC streams @ 30fps
  - * High or main profile level 3.1 H.264/AVC streams @ 60fps
  - * HD MPEG2 4:2:0 streams @ 30fps
  - * SD MPEG2 4:2:0 streams @ 60fps
- Supports DiSEqC 1.0, 1.1, 1.2 and USALS protocols for dish control.

Experience the future of digital receiver

- Stores up to 7,000 TV services and 3,000 radio services.
- Displays picture-in-picture with two HD services.
- Supports time-shift up to 5 hours at maximum.
- Records two services simultaneously while displaying another service.
- Able to record directly to both an external hard drive and a built-in hard drive (USB/eSATA).
- Playing recorded programmes at up to 64 times speed at maximum.
- Enables you to sort out any undesirable parts such as commercials during the programme.
- Supporting video files of DivX 3.11, 4.1 and 5.x.
- Displays JPEG image files.
- Featuring a double-player game 'BATTLE TANK'.
- Plays media contents of YouTube.
- Firmware updates available : over-the-air, with a USB memory stick, and from the Topfield's firmware server via Internet.

Features will be available by firmware updates

- Enables you to record the video from an external device such as a digital camera.
- Enables you to chat with other users via Internet.
- Enables you to enjoy the double-player game with other users via Internet.
- Enables you to transfer media files between the PVR and your computer with embeded web & FTP servers.
- Supports MediaHighway EPG
- Supports Sony tvtv EPG

PVR
Playing recorded programesat up to 64 times speed at maximum

GAME
Featuring a double-player game „Battle Tank"

UCC
Playing media contents of YouTube

DivX
Supporting video files of DivX 3.11, 4.1 and 5.x

TOPFIELD

TF 5050CI HDMI

- Fully DVB-S compliant
- 2 Common Interface
- 5000 TV & radio services programmable
- 256 colors On-Screen Display (OSD)
- Service & Favorite service list editable
- Electronic Program Guide (EPG) supported
- Exciting games embedded
- Firmware upgrade by Over-The-Air
- HDMI output

Measuring Instruments

emitor MEGALOOK

MEGALOOK helps professional users to do exact adjustments and maintenance of satellite dishes and of cable TV and terrestrial networks.

- Input frequency: 2-900 MHz and 920-2150 MHz
- 4.5" B/W Monitor for PAL/NTSC
- Lots of memory positions for spectrum pictures
- RS232 for PC-connection
- Built in, rechargeable battery.
- Only 7.5kg complete with carrying case

ALSO AVAILABLE:
- **Combolook**
- **Digital Satlook NIT**
- **Satlook Micro +**
- **Satlook Mark IV**

DIGISAT PRO ACCU

Measuring instrument for dish-properties. Check two LNBs at the same time. With DiSEqC tester.

AISO AVAILABLE:
- **Digisat**
- **Digisat+**
- **Digisat Pro**
- **Digisat Multi**

DIGIAIR dB

The meter to use for easy Digital terrestrial installations. Very sensitive, easy to maximize weak and strong signals.

- Frequency range of 47-862 Mhz
- Shows the signal strength in dBµV
- Shows the complete spectrum in one picture
- Presents one channel readout with high resolution or six channels simultaneously

Satlook Micro G2

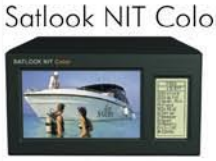
- Measure on two LNB´s at the same time
- Spectrum-analyzer with zoom function
- Super bright 3" LCD display
- Digital BER, QPSK and S/N-ratio
- Readout NIT -gives Satellite ID and TV/Radio-channel info
- DiSEqC according to level 1.0, 1.1 and 1.2

ALSO AVAILABLE:

Upgrade-KIT for Satlook Micro

You need a PC with internet-access in order to be able to upgrade Your old Micro with the new G2 version.
Satlook Micro G2 upgrade contains:
- CD with software
- New G2 carrying-case
- Owners manual

Satlook NIT Color



- DVB satellite-receiver 920-2150MHz
- Spectrum-analyzer with expanded spectrum
- 5" 16:9 LCD color display
- DVB-S (Free to Air) and Analog TV-picture
- Digital BER, QPSK and S/N-ratio
- DiSEqC according to level 1.0, 1.1 and 1.2
- KU- and C-band (normal/inverted video)

TOPFIELD

TF 6500T HDMI

DVB-T Receiver

- HDMI outputport, 576p, 720p, 1080i
- Fully DVB-T compliant
- 2000 service TV & Radio programmable

TF 6000 FE

Digital satellite Receiver

- MPEG-2 Digital and fully DVB compliant
- DiSEqC 1.0, 1.1, 1.2 and USALS (DiSEqC 1.3)
- 5000 services (TV and Radio) programmable

PCMCIA-Modules

- CONAX
- IRDETO
- VIACCESS
- ASTON / SECA
- CRYPTOWORKS
- CRYPTOWORKS (Arena)
- PREMIERE

- ALPHACRYPT Light
- ALPHACRYPT Classic
- ALPHACRYPT TC
- VIACCESS MPEG 2+4
- CONAX MPEG 2+4

Boca NEW

DSL 250 / DSL 250-T

Digital satellite / terrestrial Receiver

- Multi-functional timer
- Electronic Program Guide (EPG): Up to 7/16 days in advance (channel dependent)
- Timer function linked with EPG
- Power switch/ 2 watt standby mode
- Multi-picture function

DSL 350 1CI

Digital satellite Receiver

- 1 x common interface
- DiSEqC 1.2 control system
- Digital audio output (coaxial)
- 4500 programme storage locations

DSL 500 PVRready

Digital satellite Receiver PVR-ready

- 1 x common interface
- USB 2.0
- S/PDIF, HDMI connection
- Multi-picture function

DOEBIS GmbH & Co. KG
Dr.-Günter-Henle-Str.4
D-56271 Mündersbach
Fon: +49-(0)26 80 98 79-0
Fax: +49-(0)26 80 98 79-19
Email: info@doebis.de
Web: www.doebis.de

Meet us in Cologne! We exhibit on the **ANGACable** Fachmesse für Kabel, Breitband und Satellit from 26. until 28.05.2009 in hall 10.2 / booth A 29

HDTV Receiver Selection

TOPFIELD
TF-7700 HD PVR

HDTV digital satellite Receiver with personal video recorder
- Fully DVB-S / DVB-S2 (H.264) HD compliant
- With 2 tuners
- Time shift supported
- USB memory supported

TOPFIELD
TF-7700 HSCI / TF-7700 HCCI

HDTV for satellite and cable reception
- Supports MPEG-2, MPEG-4, H.264 and fully DVB compliant
- 2 Common Interfaces
- USB 2.0 supported for fast PC interface
- VFD Display for service information

Boca NEW
HD 200 CI PVR

HDTV digital satellite Receiver PVR-ready
- 2 x Common Interface
- alphanumerical display
- 1 x USB interface
- HDMI connection
- YuV component output

Motors
Aktuatoren/ Actuators

Mini Actuators – 6", 8", 10", 12"
Regular Actuators – 12", 18", 24"
Heavy Actuators – 24", 36"

H-H Mounts

SG 99 / SG 99 II – up to 1,00 m
SG 107 – up to 1,10 m
SG 2100 A DiSEqC 1.2 – up to 1,00 m
Stab HH100 DiSEqC 1.2 – up to 1,00 m
Stab HH120 DiSEqC 1.2 – up to 1,20 m

LNBs

- MTI
- BEST
- INVACOM
- ALPS
- INVERTO
- MAXIMUM
- TITANIUM, etc.

– Single Universal
– Twin Universal
– Quattro Universal
– Quad Universal
– Octo LNB
– Monoblock Single Universal
– Monoblock Twin Universal
– Monoblock Quad
– C Band
– Circular
and many more

Inverto NEW

- Red Extended - 40mm, 0,3dB
- Black Premium - 40mm, 0,2dB
- Black Ultra - 40mm, 0,2dB
- Black Multiconnect - 23mm, 0,2dB

All available as:
– Single Universal
– Twin Universal
– Quattro Universal
– Quad Universal

Full LNB range INVERTO available from stock

Multiswitches / DiSEqC - Switches

- SPAUN
- DTRON
- JAEGER
- JOHANSSON
- MAXIMUM
- BEST

From 2 in/1 out
up to 17 in/36 out
S2 SPAUN™ Full Range

Parts
Multifeedholder for 2, 3, or 4 LNB

Wallmounts
15 cm distance – Aluminium
25 cm distance – Aluminium
35 cm distance – Aluminium
45 cm distance – Aluminium
55 cm distance – Aluminium
35 cm distance – Steel
45 cm distance – Steel
50 cm distance – Steel
70 cm distance – Steel

F-Connector – 7 mm
F-Connector – 7 mm waterresistant
F-Connector – 4 mm and more

Remotesystems
AV-Linker – Videosender for remote control
Remote Blaster
Zapline 2 and more

BIG Link

Koaxialcable
High Qualitiy coax cable
Minicable Coax
Mini-Twincable Coax
> 100 dB / > 110 dB

INVACOM QDH 031

AVAILABLE AS:
– SNH-031
– TWH-031
– QTH-031
– QDH-031
– SNF-031
– TWF-031
– QTF-031
– QDF-031

Full LNB range INVACOM available from stock

MICROELECTRONICS TECHNOLOGY INC.
High-Line-Series

AVAILABLE AS:
– MTI AP 8 T2NRC Single
– MTI AP 82 XT2N Twin
– MTI AK54 XT2N Quad
} • 40 mm • 0,2 dB

Full LNB range MTI available from stock

Inverto digital-labs
IDLP UST110-CUO10-8PP

Unicable-Standard one cable solution.
Cascadable multiswitch for up to 16 users.

UNICABLE TECHNOLOGY

Dishes
GIBERTINI TRIAX emme esse MULTIMEDIA SYSTEM

40 cm – White
70 cm – White, Black, Red
90 cm – White, Black, Red
100 cm – White, Black, Red
120 cm – White
130 cm – White, Black
160 cm – White

Big Dishes directly from our warehouse!

IRTE	SDI	1,50 m
	SDI	1,80 m
	Irte	2,00 m
	Irte	2,40 m

Flat-Dishes NEW
SELFSAT H10D / H10D2

- Works on all Ku-band Satellites
- Cross polarization improved
- Ideal for High Definition (HD) reception

MAXIMUM Flat-1

- Receives alle programs broadcasted by european satellites
- 2 LNB (twin) output for 2 set-top-boxes plugged
- 60/70 cm equivalency

Multifocus Dish
MAXIMUM®
E-85 Multifocus 48° Dish

- Ellipse shaped dish
- LNB holder for 5 LNBs, 48°
- Turnable mounting bracket for optimized reception
- Steel with polyester coating

Balcony mounting parts

25 cm distance – Steel
50 cm distance – Steel
120 cm length – Ø 6 cm

ALSO AVAILABLE:
– Balcony stand 100 cm Aluminium
– Balcony stand 100 cm Steel
– Balcony stand "Holland"
– Balcony holder L-form 25 cm
– Balcony holder L-form 50 cm

Türkçe konusan personele sahibiz ! Мы говорим и даём консультации на русском языке!

More products and informations you`ll find on our website www.doebis.de

The Wide World of Extra Features: PC Software for Topfield Receivers

by Thomas Haring

Without doubt South Korean company Topfield is one of the most innovative manufacturers of satellite receivers in the world. Owners of Topfield products not only get a receiver, but a masterpiece of state-of-the-art technology with a whole range of extra features that extend far into the PC realm. We want to take you on a journey to the wide world of Topfield bonus features:

Creating a DVD

If you already own a PVR receiver you certainly had moments when you wished it were possible to save a recorded event on DVD for archiving in a quick and easy way. In actual fact, Topfield receivers save the transport stream they receive via satellite, cable or digital terrestrial TV without any changes or reformatting.

Depending on the actual receiver model in Topfield's comprehensive product range the individual stages you have to go through for creating a DVD differ slightly.

What is the same for all models is step 1: transferring the recorded event from the receiver's internal hard disk to the PC. Topfield provides three procedures to accomplish that task:

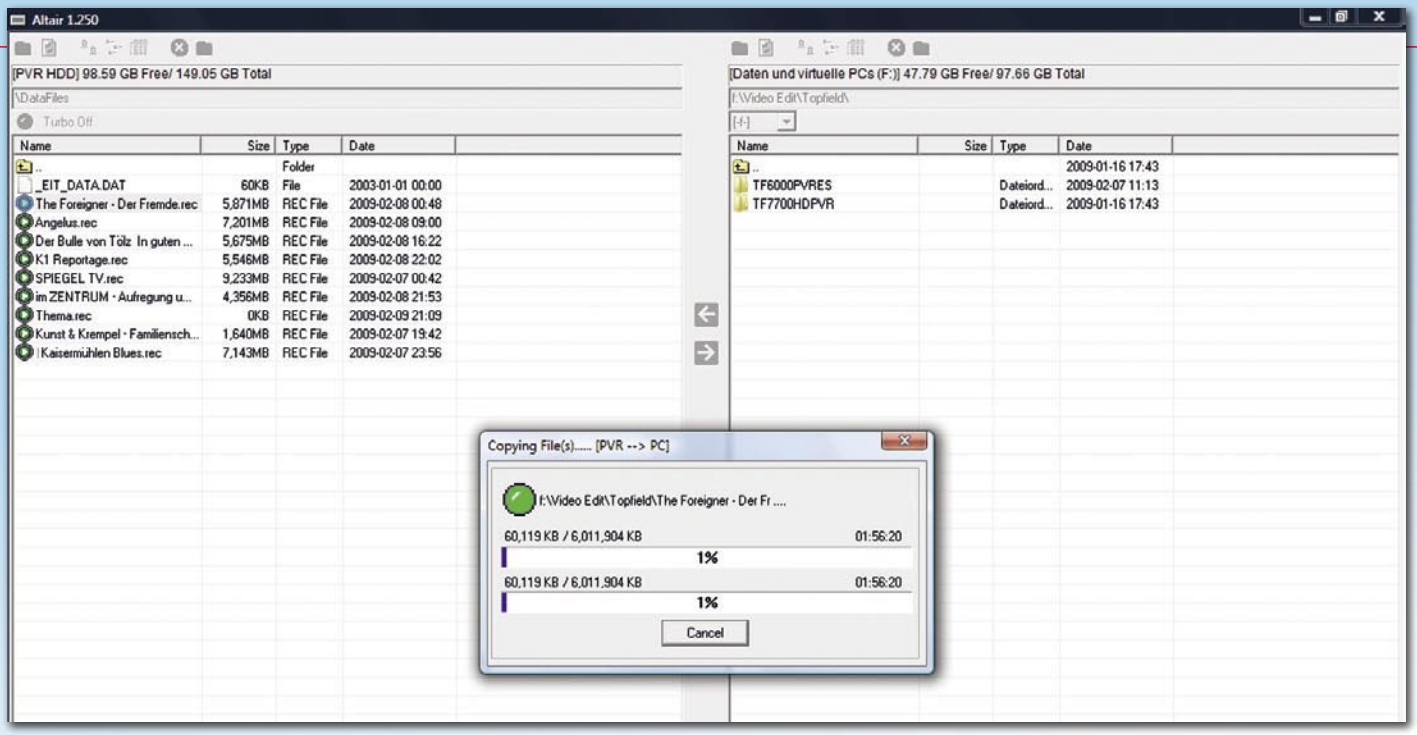
- data transfer between receiver and PC using a USB 2.0 connection
- data transfer between receiver and PC using a LAN or WLAN connection
- direct access from the PC to contents stored by the receiver on a hard disk

Direct access from the PC is supported for all receiver types that do not come with a built-in hard disk, such as the TF7700HSCI. Thanks to USB 2.0 these boxes are able to record events on an external hard disk and whenever you need to transfer files all you are required to do is unplug the external hard disk from the receiver and connect it to the PC. MS Windows Explorer will recognise it as a removable disk drive after a few moments and then you're all set for copying files to the local disk.

Data access via LAN or WLAN has also turned out to be a very convenient solution and that is why Topfield has equipped a number of its premium products with LAN or WLAN connectivity. The current top-of-the-range receivers TF7700HDPVR or TF6000PVR, for example, offer this feature.

Luckily, Topfield has not only looked at the hardware aspects but also made sure the software includes functions such as DHCP so that a network connection between the receiver and the PC can easily be set up. Cat-5 cables are needed for a physical connection, in cases where the two devices are linked directly you have to go for a crossover cable, while a straight-through cable must be used if a router or Internet gateway provides access to the network.

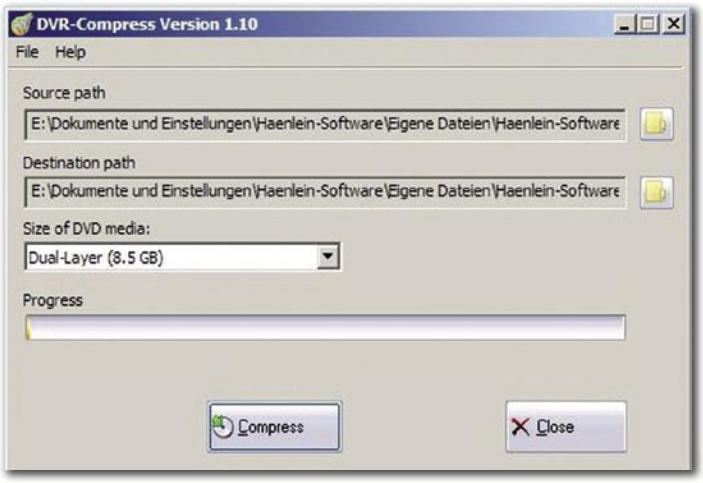
Without exception, Topfield receivers with network connectivity come with both a web and an FTP server. This allows



Transferring a recording from the receiver to the PC

users to establish a connection from the PC to the receiver from any conventional Internet browser or FTP tool and to initiate data transfers using one of these two methods. We should also mention at this point that the integrated web server has many more features in store, such as creating timer entries for recordings over the network, editing or deleting existing timer entries or deleting or transferring existing recordings to the PC. Of course, status information about the receiver can also be retrieved at any time.

All this is not only available in the local network, but also via the Internet, if required. This means you are able to check right from your hotel room whether your Topfield receiver at home has recorded all events you had set in the timer. Or if you find out a blockbuster movie is on TV that night you can easily create a timer entry so that the receiver will record it even while you are away.



DVR Compress for reducing the file size of recordings that are too large

To make sure only you or persons authorised by you are able to do this you can of course restrict access by way of setting a user name and password.

The third option of transferring recordings from the receiver to the PC is using the USB 2.0 interface. Currently this is also the fastest and easiest option, even though it is restricted to a local set up and does not support any additional features such as timer management.

A standard USB 2.0 cable can be used to connect the receiver to the PC, but please make sure the length of the cable does not exceed three metres unless

DVR Studio HD creates DVDs or Blu-ray discs from HD material

the signal is amplified. As soon as the connection is established for the first time Windows will ask for corresponding drivers to allow direct communication between the two devices.

Topfield provides these drivers for all 32-bit Windows operating systems including Vista for download from its website. Mac users currently have to use a Windows emulation on their computers to make use of this connection set-up as there is no native Mac driver available at the moment, unfortunately.

Once all required drivers are installed

DVR Studio Pro 2 takes care of every step from de-multiplexing to burning

FORTIS
What we make, It's standard!

http://www.fortis.co.kr

CABSAT MENA
ANGACable
Trade Fair for Cable, Broadband and Satellite
Visit us at

What we make, It's standard!

FORTIS ▶ the new HD era.

FORTIS will make its utmost efforts to bring easy-to-use and specialized products to the customers as a Digital Creator with our technological expertise.

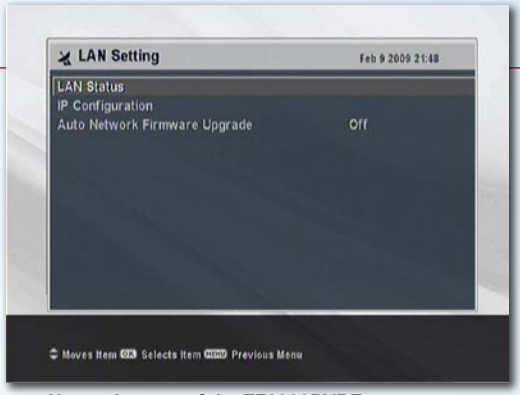
FS-9000HD

MPEG4 - HD,SD / H.264 / DVB-S2 Twin Tuner
Micro SD slot for external memory
Supporting DivX file play back

2 PLAY + 2 Recording Dual
Twin Tuner
SATA Recording PVR
PiP
HDMI
USB 2.0 Dual
CAS
Multi Picture
Universal RCU
GAME

Head office
#401 Techno plaza, 149-10 Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea 463-816
Tel:+82-31-709-1407 / Fax:+82-31-709-0262 / E-mail:sales@fortis.co.kr

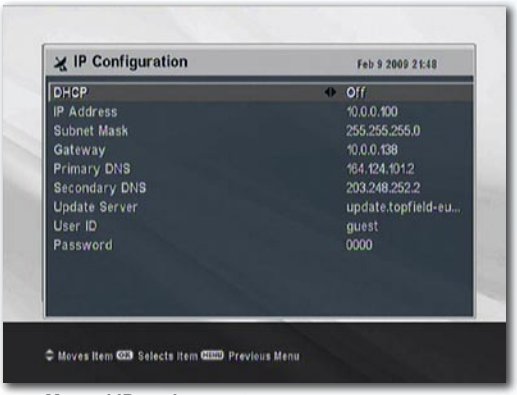
FORTIS



Network menu of the TF6000PVRE

Network status displaying assigned IP addresses

DHCP for automatic retrieval for required settings



Manual IP assignment

Software update via satellite

and ready the Windows device manager pops up and can be used for direct access to the receiver's internal hard disk.

Contrary to a network connection, the USB mode makes use of a specific software tool called Altair for data transfer. Altair is available free of charge for download from Topfield's website www.i-topfield.com.

Alistair works similar to an FTP client and features two windows, with one window showing the contents of the receiver's hard disk and the second window a freely selectable directory on the PC. With simple drag & drop you can now move recordings from one hard disk to the other.

As this transfer works both ways it is also perfectly possible to move MP3s or TAP applications from the PC to the receiver as well. Alistair can be used in two different modes: The slower standard mode is recommended whenever the receiver needs to remain fully functional during transfers, e.g. for watching TV or recording an event.

The turbo mode dramatically increases the transfer rate, but blocks the receiver for any user-initiated operations. Pre-programmed recordings will also not start in turbo mode.

If you're still looking for increasing the transfer rate even further you may want to download a so-called download accelerator TAP (http://de.geocities.com/deadbeef55/download/UsbAcceleratorV1_0.zip) from the Internet.

TAPs are small software tools created by resourceful amateur developers within the framework of Topfield-specified guidelines. Please have a look at the corresponding report in TELE-satellite 10-11/2008 for more information about TAPs.

Thanks to loading the accelerator tap and exchanging a DLL file in the Altair directory the transfer rate goes up even further because checksum verification (which is not necessary anyway) is deactivated.

The following comparison clearly shows how the transfer rate changes:

- turbo mode without accelerator TAP: approx. 2.2 MB/s.
- turbo mode with accelerator TAP: approx. 3.37 MB/s.

This means the TAP can boost transfer rates by about 50 percent!

Editing recordings on the PC

So now that all desired recordings have made it to the PC the next step is converting them into a DVD-compatible format. After all, the raw data transmitted from the satellite is of no use for DVD burning applications.

Again, a number of different ways lead to the same goal, with some solutions being available free of charge, others costing real money. We would like to draw your attention to the DVR Studio software offered by Haenlein (www.haenlein-software.de). DVR Studio currently comes in three distinct versions:

- DVR Studio
- DVR Studio Pro 2
- DVR Studio HD

DVR Studio is the least expensive of the three and at the same time at the heart of the two other versions as well. DVR Studio is capable of processing recorded events from 295 receivers and 122 PC cards supplied by a total of 119 different manufacturers.

The application is a combination of demultiplexer to split up the raw satellite data into video and audio tracks, and editor to cut out unwanted commercial breaks or entire sequences. DVR Studio starts out with dividing the recorded transport stream into individual video and audio sections and moves these sections together again with perfect precision to create a DVD-recordable file. Even several different audio tracks can be recorded. The final file created by the software can then be burnt onto DVD by any standard burning software.

If you choose to go for the slightly more expensive DVR Studio Pro 2 version you don't even need separate burning software as the Pro version takes care of every step right down to creating DVD menus and burning the file onto DVD.

As the name implies, DVR Studio HD has all the features of the Pro version with added HD capability. It is the perfect match for the Topfield TF7700HDPVR as it can be used to also burn HD content on DVD or Blu-ray disc.

We should also mention the DVR Compress software at this stage. It com-

ANGA Cable

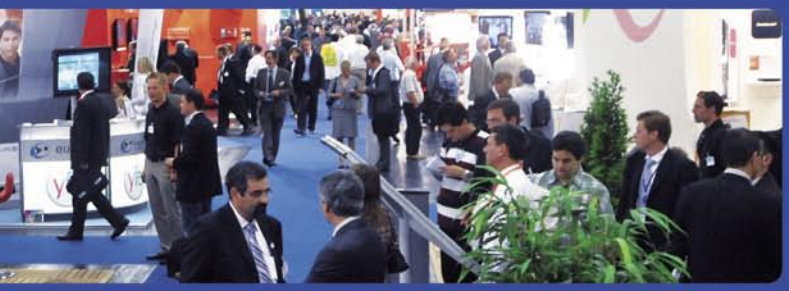
Trade Fair for Cable, Broadband and Satellite

The Exhibition

- 369 international exhibitors in 2008
- 12,000 trade visitors from 68 countries
- 22,000 sqm exhibition space

26 - 28 May 2009
Cologne, Germany

www.angacable.com



The Congress

- 1,200 participants from 32 countries in 2008
- Strategy and technology panels focusing on Triple Play, Platforms, Regulatory Affairs, Content, HDTV, IPTV, Next Generation Networks and many more

ANGA Services GmbH
Sebastianstr. 189, 53115 Bonn, Germany

Tel. +49 228/96 21 890
Fax +49 228/96 21 895

info@angacable.de
www.angacable.com

Kindly supported by ZVEI: Satellit & Kabel

Software update via PC using a USB or serial connection

presses recordings in way that allows you to use a single disc when the sheer file size otherwise would not fit into a single DVD.

Editing the channel list

Thanks to flawless implementation of DiSEqC 1.2 and 1.3 (USALS) Topfield receivers are not only able to receive signals of a single satellite, but virtually thousands of channels from several orbital positions.

This implies that the channel memory will sooner or later be at capacity and also that it simply isn't fun looking for a specific channel in a list that ultimately can hold 5000 entries.

A range of easy-to-use editing, sorting and changing options are available right through the receiver's on-screen menu, but with the huge number of channels at hand most users run out of patience pretty soon.

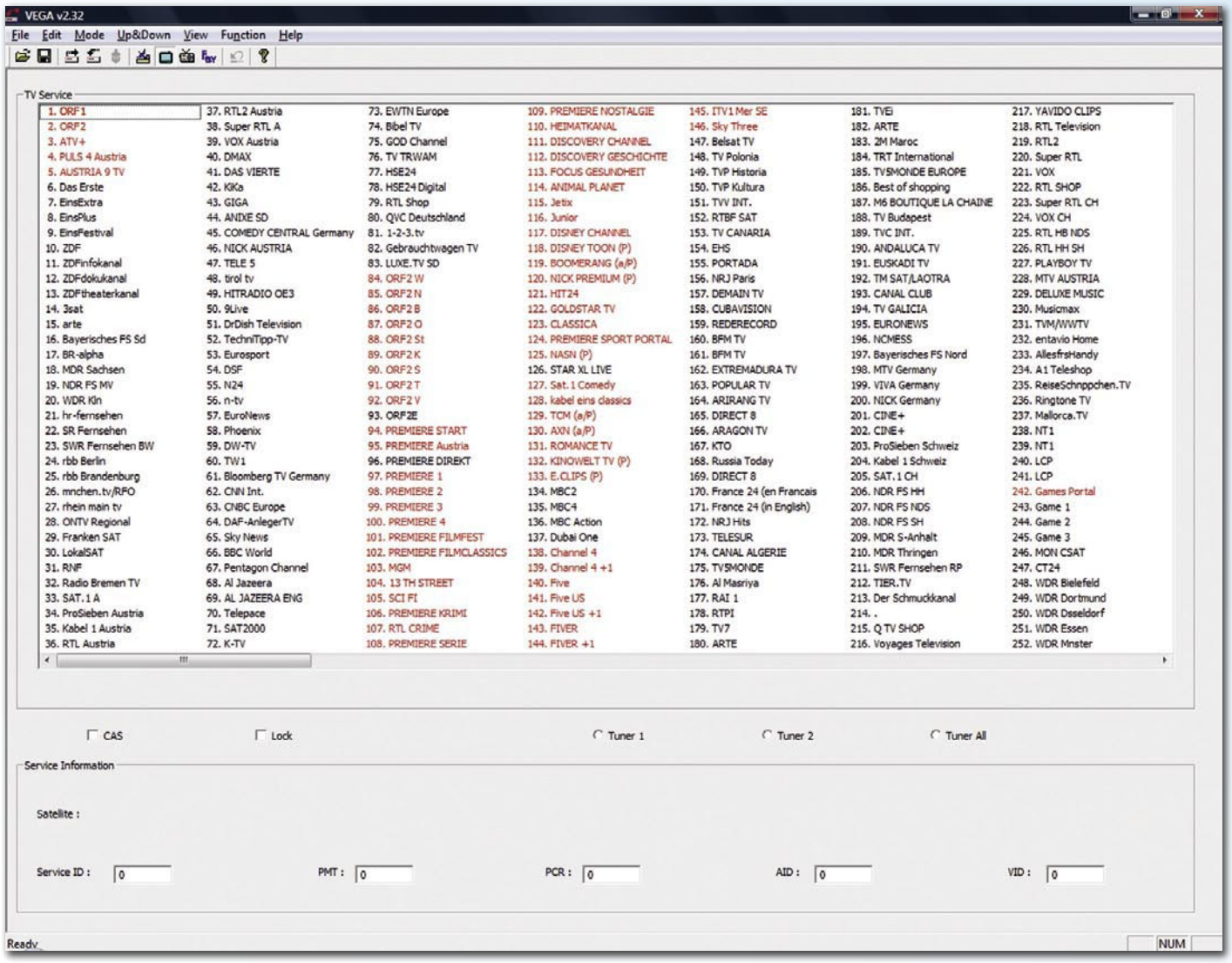
Luckily, there is an alternative. It's called Vega and is a PC tool that is compatible with all Topfield receivers and which makes organising the channel, favourites, satellite and transponder lists so much easier because you can do it all on the PC. The application is available for download from www.i-topfield.com.

In a first step you need to make sure all data are transferred to the PC, which takes place either via a USB 2.0 connection or a serial connection. While a standard USB 2.0 cable is required for the USB set-up, you need a 9-pin null modem cable to establish a working serial connection.

For security reasons Topfield receivers allow reading and writing the channel list only before the operating system has loaded, and this means you need to activate the download mode in the Vega application first and then reboot the receiver for data transfer to be initiated.

As soon as all data is available on the PC you can go about editing, sorting, deleting, locking or renaming entries in the channel, favourites, satellite or transponder lists. You will soon come to appreciate the fact that several entries can be moved, deleted or PIN-locked at once.

At the same time, DiSEqC settings or transponder details can be adjusted with



Vega channel list editor

Sonicviewusa.com • 4225 Oceanside Blvd, Suite M101 • Oceanside, California 92056 • United States
00+1+760-842-8931 • 00+1+760-842-8935 FAX • Dealer inquiries contact - sales@sonicviewusa.com

only a few mouse clicks. The only think Vega does not support, unfortunately, is directly loading satellite from www.SatcoDX.com.

Software update

Topfield goes to great lengths to continuously expand the feature list of its products and to improve the reliability and stability all the time. This is why the firmware and operating software of Topfield receivers can be updated as the need arises.

European users can update their boxes over-the-air via ASTRA 19.2° East or HOTBIRD 13° East or they can choose to manually load new software onto the device.

Topfield regularly releases new versions of the operating system on its Internet platform at www.i-topfield.com for free download. Users simply need to download the corresponding file and transfer it to the receiver via a USB 2.0 or serial connection using the TFDN-USB application that is also available from Topfield. The procedure is exactly the same as for uploading edited channels lists.

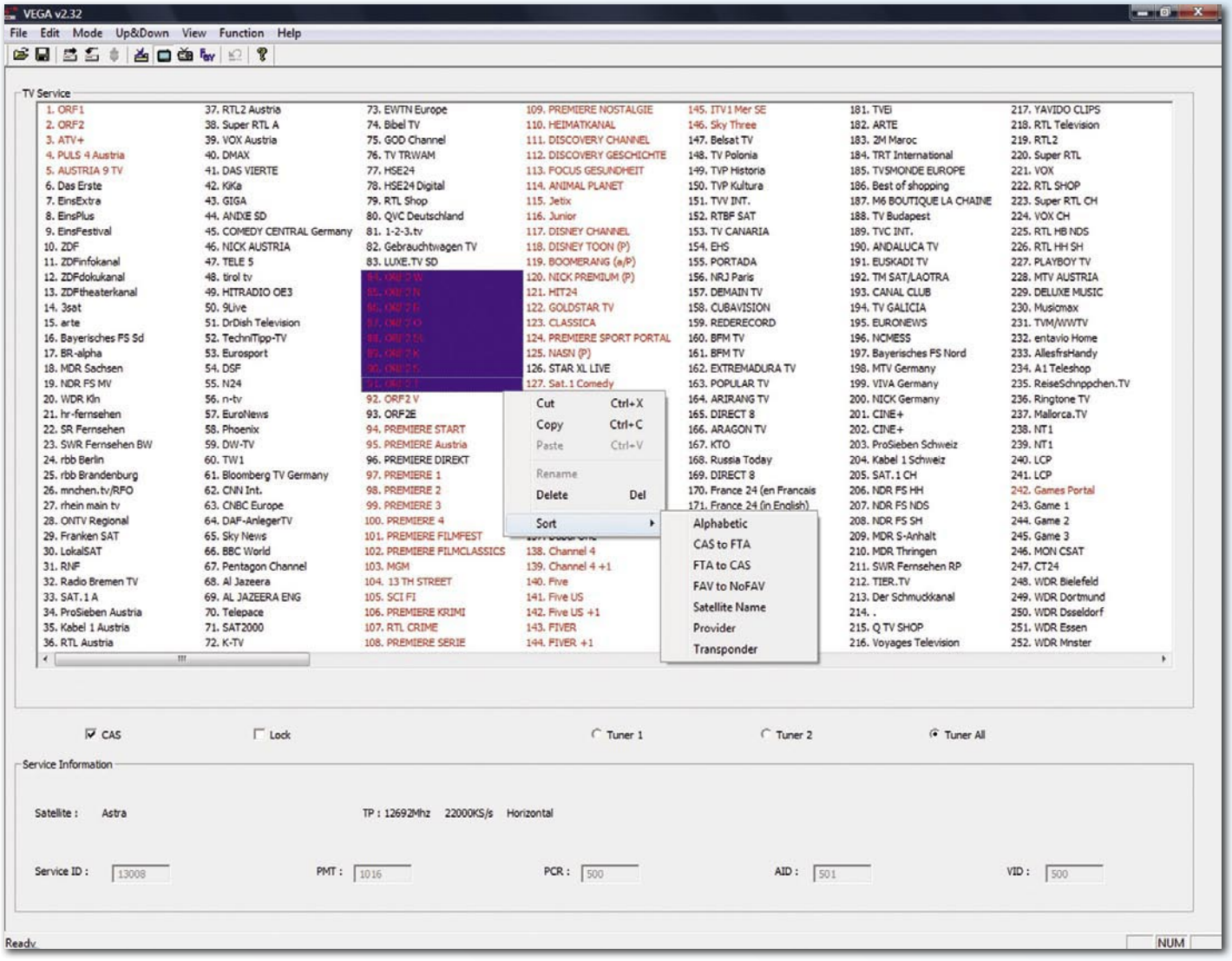
The top-of-the-range TF7700HDPVR as well as all other receivers with an integrated network interface even allow updating the software directly via the Internet. A gateway or router has to be installed to that end, so that it is possible to provide a connection to the Internet for the receiver.

In such a configuration the Topfield TF7700HDPVT, for example, can automatically obtain all information (like standard gateway or DNS server) thanks to DHCP. Alternatively, all settings can also be entered manually. As soon as a connection to the Internet can be established the receiver connects to the Topfield server and checks whether new updates have been released.

If this is the case the update is loaded and installed without the user having to do a thing. A simple re-start of the box is all that's required before the new software is operational. While an over-the-air update via satellite is equally user-friendly, this new technology is much faster and also provides regular updates for users whose antenna does not point to either ASTRA or HOTBIRD.

In conclusion, it is safe to state that Topfield clearly works with its users in mind. Thanks to innovative solutions it successfully invests in customer satisfaction and raises eyebrows again and again with its advanced technology.

In addition, Topfield makes available a whole range of useful free software that further expanda the different uses of its satellite receivers.



Various sorting modes of Vega

Wireless SmartWi®
Multi Room Solution

Living room

Teen room

Kids room

SmartWi is the only proven universal DVB Multiroom solution on the market.
Only SmartWi can guarantee that the content actually stays within the household who has paid for it.

More and more Operators realise that the content copyright holders are most likely to claim additional royalty. This is relevant in cases where the operator releases card clones on the market - without being able to control how and where these cards are used.
Offer your customers a flexible, universal, secure and proven DVB Multiroom solution.

SmartWi - The original professional DVB Multiroom solution since 2004.

Contact us for further information

SmartWi International
E-mail: info@smartwi.net
www.smartwi.net
Tel. +45702 60031

www.SmartWi.net

BEST CHOICE IN HDTV

IF YOU WANT TO COOPERATE WITH OUR COMPANY, PLEASE CONTACT US ON:
E-MAIL: INFO@ABCOM.SK, PHONE: +421 38 5362667

AB IPBox 910HD

- 1 x SMART CARD READER, 2 x CI SLOTS
- PLUG AND PLAY TUNER (DVB-S2, DVB-S, DVB-T, DVB-C)
- INTERNAL SATA 2´5 OR EXTERNAL E-SATA HDD SUPPORTED
- TIME SHIFT FUNCTION
- EPG, PIP, USB 2.0 HOST, MP3 DECODER
- DIVIX SUPPORTED

ab-com®

www.abipbox.com

AB IPBox 910HD

Seberapa hebat receiver Linux HD PVR?

TELE SATELLITE AWARD & BROADBAND 04-05/2009
AB IPBOX 910HD
Memuaskan setiap orang dengan fleksibel dan universalnya

Kemajuan dalam pembuatan receiver sangat menakjubkan! Apakah dipikirkan oleh kita beberapa tahun lalu, ketika berurusan dengan receiver analog, bahwa receiver yang terlihat sama ini tidak hanya memberikan gambar yang jernih dan warna yang fantastik, namun juga bisa memutar file musik dan video, mengirim e-mail, bermain game? Batas antara komputer dengan receiver telah sirna, melahirkan peranti yang ramah-keluarga dengan sejumlah potensi besar untuk pengguna yang lebih ahli.

ABCom, yang terkenal dengan receiver berbasis-Linux tentu saja membantu membuat hal ini terjadi. Mereka dengan sopan melakukan pekerjaan rumahnya, secara konstan meningkatkan perangkat keras dan peranti lunak. Sangat senang melihat bahwa beberapa kekurangan dari model sebelumnya telah dibenahi. Sekarang kami memiliki kesempatan untuk menguji AB IPBox 910HD, agak serupa dengan 900HD, yang telah kami uji beberapa edisi sebelumnya (TELE-satelit 08-09/2008).

Model terbaru ini menggunakan seluruh kehebatan model sebelumnya. Penerimaan definisi standar tinggi dan rendah, dalam DVB-S dan DVB-S2, dalam MPEG-2 dan MPEG-4. Jika Anda

Energy Efficiency Rating
eco friendly
0.64
Power factor
tested by TELE-satellite

TELE-satellite World www.TELE-satellite.com/...

Download this report in other languages from the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0905/ara/abipbox.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0905/bid/abipbox.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0905/bul/abipbox.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0905/ces/abipbox.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0905/deu/abipbox.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0905/eng/abipbox.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0905/esp/abipbox.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0905/far/abipbox.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0905/fra/abipbox.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0905/hel/abipbox.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0905/hrv/abipbox.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0905/ita/abipbox.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0905/mag/abipbox.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0905/man/abipbox.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0905/ned/abipbox.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0905/pol/abipbox.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0905/por/abipbox.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0905/rom/abipbox.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0905/rus/abipbox.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0905/sve/abipbox.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0905/tur/abipbox.pdf

Available online starting from 27 March 2009

ingin membantu nenek Anda untuk melanjutkan menonton tayangan drama pada TV terestrial, ketika siaran analog telah dihentikan? 910HD akan membantu Anda juga. Segera ganti tuner DVB-S dengan DVB-T. Sama halnya untuk tuner kabel DVB-C.

Dari jarak jauh Anda akan sulit menemukan perbedaan antara 900HD dan 910HD. Namun hal kecil yang diperhitungkan di sini. Panel depan menjaga keeleganan 900HD, yang akan membuatnya sesuai untuk interior yang eksklusif. Selain 2 rongga CI, yang terletak di belakang flap bermagnet, dapat ditemukan tampilan VFX yang terang dan mudah dibaca, beserta 8 tombol, yang memungkinkan Anda untuk mengoperasikan hampir seluruh fungsi dasar pada receiver.

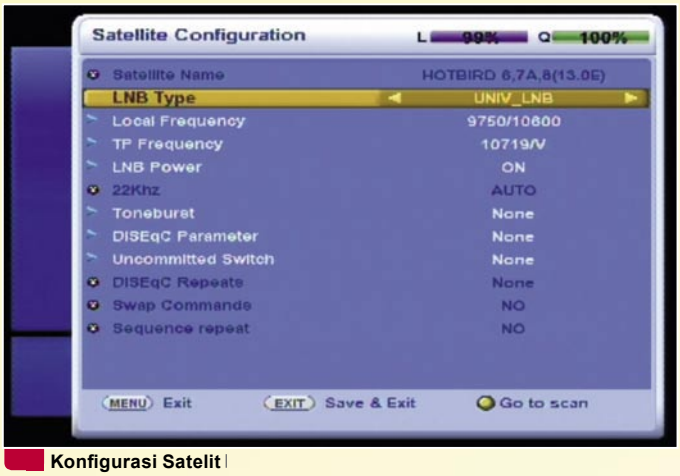
Panel belakang juga sama baik dengan sebelumnya, namun sesuatu juga lebih jauh di sini. Jika tuner DVB-S yang terpasang, seperti pada model yang kami uji ini, pada sudut kiri Anda bisa menemukan masukan LNB dengan keluaran Loop-Through. Seluruh peranti komputer dan jaringan ditangani oleh terminal USB, RS-232 dan konektor Ethernet. Keluaran HDMI, S/PDIF dan Y/Pb/Pr bertugas untuk suara dan gambar sebening kristal. Satu konektor Scart dan tiga RCA tersedia untuk kesesuaian ke belakang, karena agak berat untuk membiarkan Anda menghargai seluruh keuntungan pada HDTV. Tersedia terminal E-SATA dan keluaran catu daya untuk harddisk eksternal, meskipun 910HD juga mengizinkan Anda memasang harddisk SATA di dalam receiver! Harddisk ini akan dimulai ketika receiver dinyalakan, tidak lagi memerlukan kabel dan konektor. Namun sekarang Anda memiliki pilihan, jika Anda ingin hasil rekaman Anda bisa dibawa-bawa, maka harddisk eksternal masih bisa digunakan.

Di sebelah saklar catu daya utama terdapat kipas ventilator yang melindungi elektronik dalam receiver dari kelebihan-panas. Suatu fitur yang cerdas! Namun, sebagian pengguna akan merasakan agak berisik. Akan tetapi, tidak masalah untuk pergi ke toko komputer dan memilih kipas yang tidak berisik.

Kendali jarak jauhnya sama persis dengan model terdahulu. Sebenarnya, hal ini menimbulkan beberapa kebingungan di lab uji kami yang masih menggunakan 900HD. Sinyal operasinya sama, namun, kendali jarak jauh dari 900HD/910HD juga bisa diprogram untuk mengendalikan IPBox terdahulu, jika Anda punya. Juga mudah diprogram untuk mengoperasikan TV Anda, terdapat ratusan model yang bisa dipilih di halaman terakhir buku pedoman. Untuk desainnya, kami tidak menyesali apa yang telah kami katakan dalam laporan uji 900HD, terdapat banyak tombol, namun ditata dengan logis, Anda bisa segera terbiasa menggunakannya. Dengan tombol khusus untuk banyak fungsi receiver, tidak mudah hilang.

Pengaturan Awal

Sepertinya firmware asli dari ABCom tidak banyak berubah, paling tidak untuk tahap pertama. Panduan yang sama akan membantu Anda melalui layar pemilihan bahasa (OSD dapat ditampilkan dalam bahasa Inggris, Rusia, Perancis, Italia, Belanda, Jerman, Denmark, Czech, Slovakia, Hungaria, Norwegia, Polandia, Portugis, Spanyol, Swedia, Yunani, Turki, Korea, Kroasia, Bosnia, Serbia, Bulgaria, Romania dan Finlandia, bahasa tertentu juga bisa dipilih untuk audio, terjemahan dan teleteks), kemudian layar Pengaturan Waktu Setempat. Juga, sejumlah besar pilihan – apakah memilih waktu secara manual



Konfigurasi Satelit

Pengaturan positioner USALS

atau membiarkan receiver mendapatkannya secara otomatis dari data satelit; mode waktu dan daylight saving time juga terdapat di sana. Tahap selanjutnya Anda memerlukan koneksi antena yang telah terpasang. Dalam hal tuner satelit, pertama tekan tombol merah untuk menambah tahap-demi-tahap seluruh satelit yang direncanakan untuk ditonton. Masing-masing bisa diprogram dengan LOF tersendiri yang bisa dipilih bebas pada layar yang sama. Seluruh versi DiSEqC didukung (1.0, 1.1, 1.2 dan 1.3), yang bisa membuat AB IPBox 910HD menjadi inti dari sistem multi-satelit Anda. Setelah seluruh satelit yang diinginkan telah ditemukan, tekan tombol "Keluar" untuk kembali ke layar bantuan.

Tekan tombol "kuning" untuk tahap selanjutnya yang akan membawa Anda ke pencarian saluran. Layar yang muncul memiliki dua pilihan, Otomatis dan Manual. Nama tersebut cukup menjelaskan fungsinya. Yang pertama cukup sederhana untuk frekuensi yang telah diprogram atau yang ditemukan dalam NIT saluran, sedangkan yang satunya lagi memungkinkan Anda untuk mengisi seluruh parameter secara manual. Tentu saja, Modulasi dan FEC khusus untuk DVB-S2 tidak dilupakan.

Pencarian saluran secara manual atau otomatis bukan sesuatu yang akan disenangi oleh Schumacher, namun masih cukup cepat untuk pemirsa biasa. Memerlukan 9 menit untuk memindai posisi satelit dengan 105 transponder. Bagi yang tidak sabar yang tidak bisa menunggu untuk mendapatkan gambar pertama di layar terdapat fungsi "Quick load", yang akan memunculkan daftar saluran yang sudah diprogram. jika Anda menginginkan daftar saluran yang terkini, maka harus bersabar.

Seluruh pilihan lainnya dapat ditemukan di menu utama, yang juga menuntut kesabaran. Tetapi kami tahu bahwa programer sedang sibuk, maka akan hadir sesuatu yang baru! Baiklah, di sini kita bisa memilih seluruh parameter layar, seperti rasio aspek, sistem TV, Dolby, keluaran Scart, HDMI dan S/PDIF. Di sini terdapat submenu di mana kita bisa menghubungkan 910HD ke jaringan lokal dan/atau Internet, periksa parameter harddisk atau membuat reset pabrik. Aha! Terdapat juga pemutar video DivX, namun bagian multimedia mendapat kata-kata khusus, maka bersiaplah! Di mana kita? Ah, ini hanyalah receiver satelit. Maka sebelum kita terlampau jauh bereksperimen dengan Linux, Telnet dan FTP, mari kita ambil kendali jarak jauh dan melihat fungsi dasarnya, menerima saluran digital.

Penggunaan Sehari-hari

Daftar saluran terlihat serupa dengan yang ada di 900HD, seluruh fungsi yang berguna ada di situ. Berbagai pilihan sortir, Anda bisa mendapatkan saluran disusun berdasarkan abjad, FTA/diacak, berdasarkan satelit atau provider. Menekan tombol kuning akan mengaktifkan fungsi "lompat", yang sangat membantu jika Anda memiliki ribuan saluran yang tersusun dari sistem multi-satelit Anda, misalnya, akan pindah ke huruf selanjutnya, jika Anda memilih susunan berdasarkan abjad. Akan tetapi, untuk menyusunnya dengan lebih baik, jangan lupa tentang tombol FAV yang memungkinkan Anda untuk dapat mengakses saluran favorit dengan cepat. Terdapat 5 kelompok favorit - Olahraga, Drama, Berita, Film dan Musik. Menekan tombol "i" memungkinkan untuk membuat daftar baru, atau menghapus, ganti nama, dipindahkan, edit atau mengunci yang ada.

Menekan "i" pada daftar saluran utama akan mengakses pilihan edit yang sama, termasuk favorit pada 900HD – mengubah volume audio untuk masing-masing saluran. Solusi elegan untuk problem lama – berapa kali berpindah saluran dan mendapatkan suara yang sangat nyaring? Sekarang dapat dengan mudah mengatur volumenya di daftar saluran! Tidak ada lagi yang mengeluh bahwa TV Anda terlalu nyaring!

Berbicara tentang perpindahan saluran, 910HD tidak akan membahagiakan penjelajah saluran, tetapi satu detik berpindah saluran adalah cukup sempurna bagi pemirsa biasa. Dapat lebih cepat untuk transponder yang sama, atau sedikit lebih lama untuk perpindahan antara DVB-S dan DVB-S2, antara SDTV dan HDTV. Tetapi paling tidak Anda dapat memastikan bahwa tidak ada saluran yang terlewatkan! Bahkan untuk saluran SCPC yang sulit seperti saluran Calabria di HELLAS SAT 2, dengan SR hanya 1425! Plug-in bitrate khusus akan membantu Anda untuk memeriksa apakah gambar dan suara dari saluran benar-benar sebagus yang dijanjikan penyiar. PIP juga bagus untuk digunakan. Dua saluran dari transponder yang sama bisa ditampilkan dalam jendela yang berukuran sama, jendela kedua bisa ditampilkan lebih kecil di belakang jendela utama. Karena kendali jarak jauhnya serupa dengan milik 900HD, maka letak tombolnya ada di baris kedua teratas.

EPG yang mudah digunakan juga ada di sini dengan kemegahannya. Satu klik pada tombol EPG akan memunculkan acara mendatang untuk saluran yang dipilih, menekannya sekali lagi dan Anda akan mendapatkan pedoman cara yang sebenarnya, dengan seluruh saluran yang berdekatan menunjukkan informasi EPG-nya, sepanjang tersedia oleh penyiar. Hanya dengan satu klik pada tombol

THAILAND
Diversity & Refinement
EL 0121/07

Difference from your competitors

INFOSAT

Colorful Mesh Dish as you need

- Antenna Dish size : 4.5', 5.0', 5.5', 6.0', 7.0', 7.5', 10' ➲ As you need
- Made from Aluminum material, ➲ Anti-Rusted
- Polyester Powder Colour Coating, ➲ Longer time for Outdoor Using
- Selectable in Black, Red, Pink, Orange, Yellow, Violet, Blue, Silver
- Available for Fixed mount type and Movable mount type
- Special Discount prices for Big Volume and our dealers
- Quality Assurance by Thai Export Promotion Department (Thailand Brand)

Integrated LNBF C&KU Band
with DiSEqC Switch
LNBF CKU-01 Model

INFOSAT INTERTRADE CO., LTD. - www.infosats.com
46/22 Moo.5 Tiwanon Rd., Banmai., Pakkred., Nonthaburi 11120 Thailand
Tel. (66) 2- 961-9161-3 Fax: (66) 2- 961-8587 E-mail: niran@infosats.com

dengan lingkaran warna merah di kendali jarak jauh, maka tayangan favorit Anda telah ditandai untuk direkam.

Di sinilah PVR yang menakjubkan hadir. Receiver 910HD tidak saja mengizinkan Anda menghubungkan Harddisk eksternal pada terminal USB atau E-SATA, telah tersedia satu harddisk di dalam. Model yang kami uji telah dibekali dengan harddisk 500 GB, yang cukup besar untuk menangani tidak hanya rekaman PVR, tetapi juga menyimpan film DivX dan musik MP3. Namun karena kita sedang membahas PVR, maka perhatikan tombol "Amplop", yang memungkinkan Anda untuk mengakses hasil rekaman hanya dengan beberapa klik, dan pilihan fungsi Timeshift. Aktifkan di menu "Pengaturan Lanjutan" - "Pengaturan Harddisk", dan Anda bisa merasakan keajaiban – istirahatkan tayangan kapan saja, lakukan hal yang penting yang menggangu Anda dari film favorit, dan kemudian lanjutkan menonton dari posisi Anda tinggalkan! Juga mudah untuk "memutar ulang" tayangan jika ada kejadian penting yang ingin Anda lihat lagi. Anda tidak perlu menjadi seorang ahli roket untuk dapat menggunakan semua ini, hanya diperlukan 1-2 klik!

Pilihan Multimedia

Karena firmware untuk 900HD/910HD sedang dikembangkan, kedua receiver ini menawarkan kemungkinan untuk memutar file audio dan video, serta menampilkan foto, yang tersimpan maupun dari harddisk eksternal atau stik memori USB, atau dalam harddisk internal pada 910HD, di mana file-file ini bisa dipindahkan melalui FTP (dapatkan IP receiver dari menu "Pengaturan Lanjutan" - "Pengaturan IP", gunakan "root" sebagai ID Pengguna, dam "ipbox" sebagai kata-kunci) pada direktori "media".

Submenu "Multimedia" juga memiliki beberapa fungsi PVR, yaitu "File hasil rekaman" untuk hasil rekaman yang disimpan, dan "Jadual Perekaman" untuk pengatur waktu rekaman. Sisa tiga pilihan adalah untuk file "dari luar". Foto bisa dilihat satu demi satu dengan menekan dua-kali nama filenya dengan tombol "OK", atau sebagai slide show, yang bisa diprogram dengan menekan tombol kuning. Pemutar MP3 akan menyapa pengguna dengan layar yang lebih maju, menampilkan tombol operasi pemutar musik, serta waktu dan bitrate file yang diputar.

Tidak ada kata jelek yang bisa dikatakan untuk keduanya, pemutar Video/DivX masih perlu diperbaiki. Dalam pengujian film, yang dapat diputar dengan baik di komputer, 910HD tidak memiliki sinkronisasi audio dan video. Video terlambat 1-2 detik. Namun bagaimana pun, dapat berfungsi, dan masalah sinkronisasi akan diperbaiki dalam pembaruan mendatang.

Pembaruan firmware

Untuk receiver yang handal dan benar-benar universal adalah penting untuk menjaga peranti lunak internal selalu terkini, karena sejumlah pontensialnya masih belum tergali sepenuhnya. ABCom mencoba menyederhanakannya, dengan menambahkan kemungkinan unduh dan instal firmware langsung dari receiver, tanpa memerlukan perangkat eksternal. Akan tetapi, sayangnya, sesuatu berlangsung keliru. Receiver 910HD yang kami dapat memiliki firmware versi 8340, sedangkan menurut situs pabrikan, yang paling baru adalah 8360. Cara paling jelas adalah menuju menu "Pengaturan Lanjutan" - "Pembaruan Jaringan". Apa yang kita dapatkan di sini? Dua firmware yang telah kadaluarsa! Hal ini benar-benar memerlukan perhatian pabrikan. Kita harus memilih cara lain untuk memperbarui firmware receiver dengan menggunakan stik memori USB.

Dari sudut pandang perangkat keras AB IPBox 910HD memenuhi semua harapan. Seluruh konektor yang diperlukan, kemungkinan untuk mengubah tuner semudah plug-and-play, kemampuan menerima DVB-S dan DVB-S2, MPEG-2 dan MPEG-4, HDTV dan SDTV. Anda bahkan bisa mengkopi seluruh film favorit, file musik dan foto ke harddisk receiver. Memainkan game atau memeriksa prakiraan cuaca. Dengan mudah menginstal ratusan peranti lunak add-on yang tersedia. Atau mengubah receiver menjadi sesuatu yang benar-benar baru dengan meng-instal salah satu firmware alternatif.

ABCom terus melaksanakan pekerjaan rumahnya, dan karena mayoritas fitur dasar bekerja dengan baik pada 910HD, sungguh bagus, pilihan masa depan!

Opini Ahli

Nickolas Ovsyadovskiy
TELE-satellite Test Center Hungary

+

Adalah receiver yang bisa memuaskan setiap orang, karena receiver ini berubah total dengan tipe firmware yang berbeda.

Jika terpasang firmware resmi, maka receiver ini mudah dikendalikan, bahkan anak-anak pun tidak akan menemukan masalah menemukan saluran kartun favoritnya.

Firmware alternatif akan membuat gembira pehobi satelit.

Sangat fleksibel dan unversal: DVB-S, DVB-S2, MPEG-2, MPEG-4, HDTV dan SDTV dapat diterima dengan sempurna.

Tuner dapat diganti dengan mudah, membuatnya bisa menjadi receiver kabel atau terestrial.

Kemungkinan untuk memasang harddisk internal, namun harddisk eksternal masih bisa dihubungkan.

Adalah receiver multimedia yang sebenarnya, kombinasi TV digital satelit/kabel/terestrial dengan mendengar musik, menonton musik DivX dan menayangkan foto.

-

Pencarian saluran dan perpindahan saluran seharusnya bisa lebih cepat.

Pemutar DivX harus diperiksa bahwa audio dan video harus benar-benar sinkron.

Kipas pendingin di panel belakang harus diganti dengan model yang tidak berisik.

TECHNIC

DATA

Manufacturer	AB-COM s.r.o., Gogolova 1, 955 01 Topolcany, Slovakia
Tel	+421-38-5362611
Fax	+421-38-5322027
Internet	www.abipbox.com
Email	info@abcom.sk
Model	IPBox 910HD
Function	Digital Linux-based HDTV PVR receiver for DVB-S, DVB-S2, DVB-C and DVB-T reception
Channel Memory	10000
Symbol Rate	1-45 Ms/sec.
SCPC	yes
DiSEqC	1.0/1.1/1.2/1.3
USALS	yes
Scart	1
HDMI	yes
A/V output	3 x RCA
YUV output	3 x RCA
UHF output	no
S-Video output	no
0/12 volt connection	no
Dig. Audio connection	yes
Ethernet port	yes
USB 2.0 port	yes
RS-232 interface	yes
EPG	yes
C/Ku band compatible	yes
Power Supply	110-245 VAC, 50/60 Hz
Dimension	300x60x240 mm

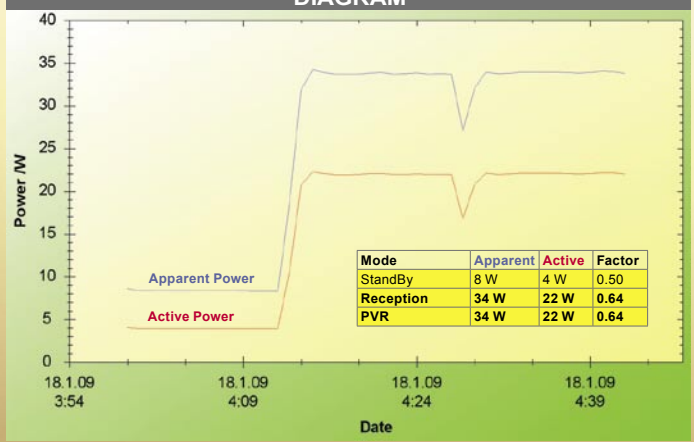
Daftar Saluran

Mode PIP dengan pilihan sub-saluran

Penerimaan SCPC dengan SR hanya 1425!

ENERGY

DIAGRAM



Sea Tel's market share... is currently around 75% globally." *- 2008 Comsys report*

Something new is happening at Sea Tel®

NEW! USAT24.
Ultra-small 60cm
broadband.

NEW! 2406.
Commercial quality
60cm broadband.

NEW! ST14.
New design.
Better performance.

Same company. Advanced technology. Strengthened by Cobham.

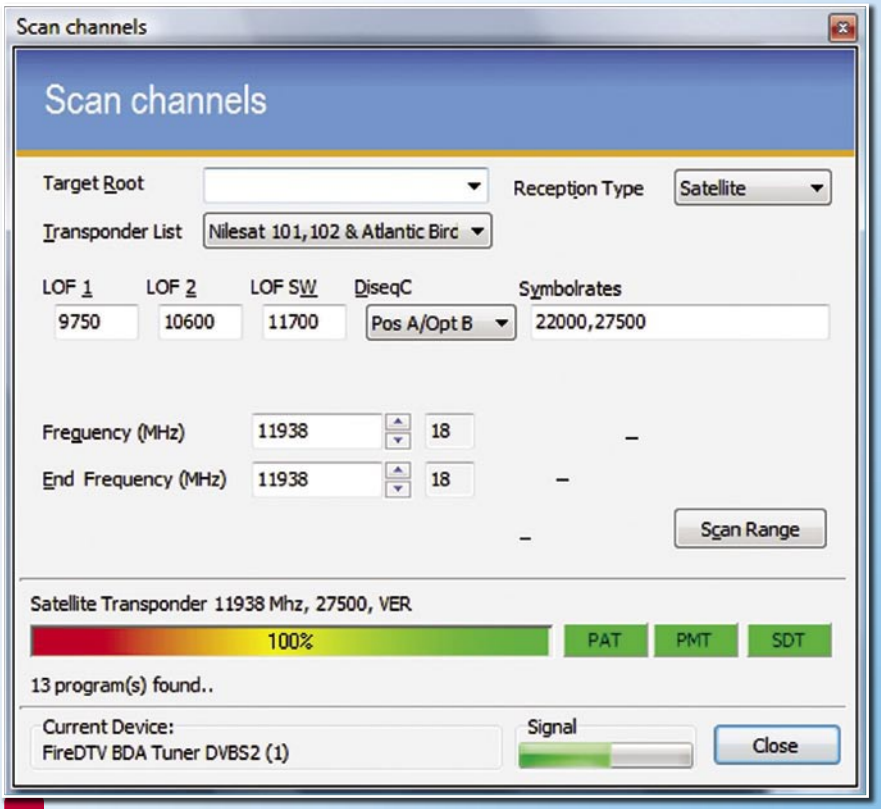
Sea Tel's logo has changed with the addition of Cobham's name, but Sea Tel's superior products and service remain the same. Along with the new logo and the recently released 2406 60cm antenna, Sea Tel is pleased to announce a smaller, lighter 60 cm Tx/Rx antenna system, the USAT 24, an Ultra Small Aperture Terminal. Plus the new ST14 TV-at-Sea antenna features an advanced pedestal assembly, made of durable nylon polyamide injection molding used on aircraft antennas. Tests reveal 1.3 dB more signal than competitors.
Sea Tel... new look, new products, and a strong commitment to keep you connected at sea.

Sea Tel
COBHAM

Cobham SATCOM Marine Systems
Sea Tel, Inc.: +1-925-798-7979
Sea Tel Europe: +44 2380 671155
www.cobham.com/seatel

FloppyDTV
Perfect DVB-S/2 Solution for the PC

Most up-to-date HDTV satellite receivers come with Ethernet or USB 2.0 interfaces that allow transferring recorded events to a PC for post-editing and storing recordings on a portable storage medium (DVD etc.). However, most of these receivers regard satellite reception as their prime business and thus do not put much effort into making interfaces very fast.

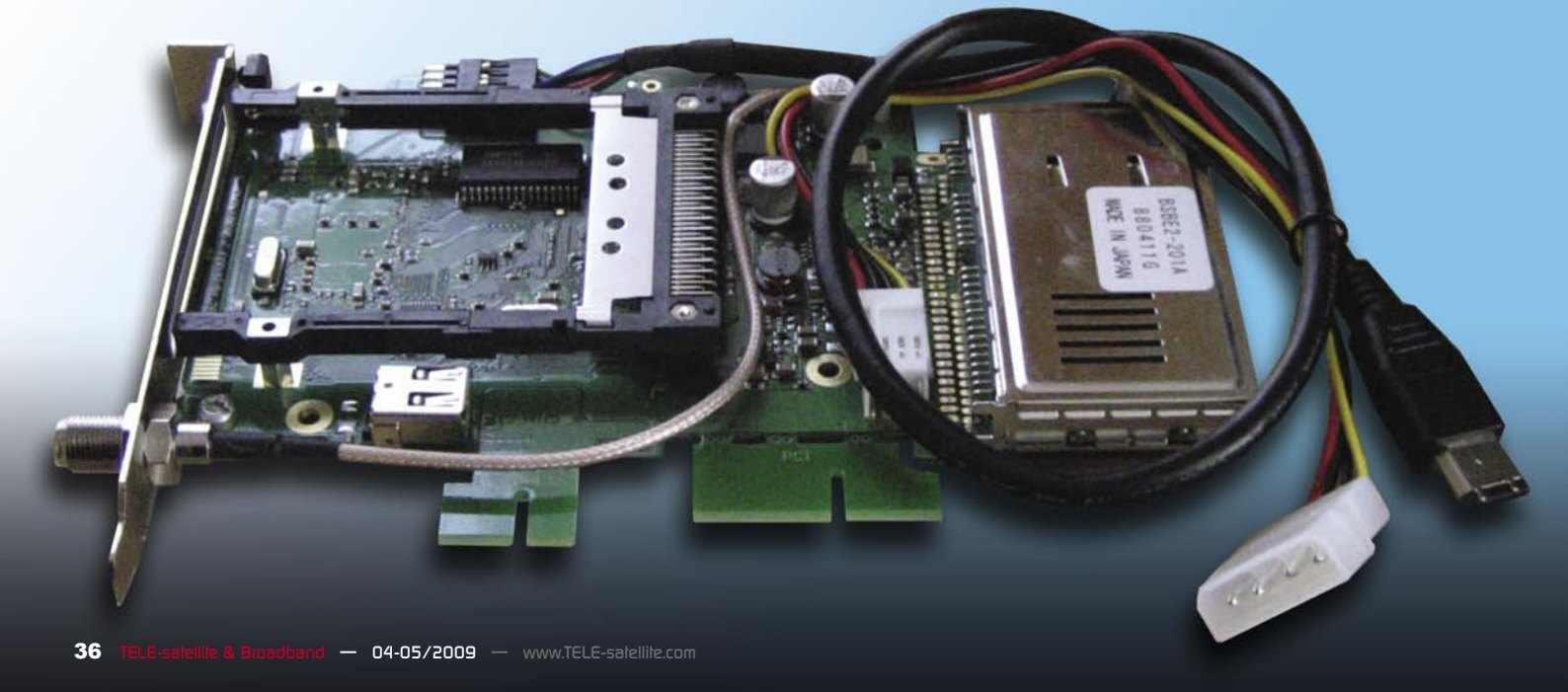


Transponder scan on NILESAT 7° West |

TELE SATELLITE & BROADBAND AWARD 04-05/2009

FLOPPYDTV
Versatile and high-capacity extension to home PCs for HDTV viewing and recording pleasure

Have you ever looked at the size a movie-length HDTV recording requires on the integrated hard disk of a satellite receiver? You might be surprised to find out that 10 GB is about the norm. So wouldn't it be convenient if recorded TV or radio events could be transferred to the PC in a fast and hassle-free way? And if you consider that most PCs are connected to high-resolution LCD monitors while the TV sets in living rooms still have a long way to go before being 100% flat screen it comes as no surprise that DVBShop decided to add the FloppyDTV card/FireDTV box to its product range. While all electronic components are fixed onto a single board in both products, data transfer as such



digipower motor

The Best Solution for Motorization

DiSEqC H-H Motor

SG-2100A DiSEqC 1.0

- 1.2m Dish max.
- 60 Memories
- Controlled by Receiver
- Powerful , Fast and Low Noise
- Manual E / W Button
- Goto X.X° Function
- Indicating LED for Easy Trouble Shooting

DiSEqC Positioner

V-Box II DiSEqC 1.0 DiSEqC 1.2

- 99 Memories
- Controlled by Receiver
- 3 Digit LED Display
- Full Protective Design
- Optional Remote Control
- Software Limit Protection

Stand Alone Positioner

EZ-2200

MP880

- 99 Memories
- IR Remote Control
- 3 Digit LED Display
- Software Limit Protection

MOTECK ELECTRIC CORP

MOTORIZE YOUR ANTENNA

actuator, control, polarmount, cable

1F-1, NO.79, SEC1, SHIN-TAI 5 ROAD, SHIJR CITY, TAIPEI HSIEN, TAIWAN
TEL:+886-2-2698-1220 FAX:+886-2-2698-1324 E-mail:moteck@seed.net.tw http://www.moteck.com

---

KOMSİS ELEKTRONİK

Komsis Elektronik Sistemleri San ve Tic. Ltd. Şti.

Yunusemre Mh. Yenidoğan Yolu Cd. Tabiat Sk. No:31
Yenidoğan - Ümraniye / Istanbul
Tel: (216) 430 94 00 PBX - **Fax:** (216) 430 94 06 - **E-mail:** komsis@komsis.com

KOMSIS ELEKTRONIC SISTEMS which was founded in 1993 is recognised today as one of successful leading telecomunication companies in Turkey, a pioneer in this sector. KOMSIS is a close follower of the contemporary technological developments at international level and posseses am advanced technological park as well as a modern equipped laboratory operated by highly qualified personel.

Our Company is the producer of
Multiswitch - Headend systems - CATV systems, A/V Sender

The large variety of products presented to the consumer are created by special research, design and software with 100 % Turkish capital and technologies. We can easily adapt to your needs expectations due to its flexible, cost-oriented production model.

Relying on these assets, the company has assumed the mission of developing innovative, creative technologies and products which would finally make KOMSIS a world trade mark of wide market consciousness and acceptance.

satellite

Electronic Systems

does not take place via PCI or PCI-e but via FireWire. With this, end users have the added benefit of being able to choose either an internal or external model of this product. The external version is called FireDTV and comes as a small box with all necessary ports being located on one side. The internal version bears the name FloppyDTV and can simply be plugged into an available PCI or PCI-e slot.

What unites both models is their FireWire interface for data transfer. Some readers may ask 'Why FireWire?' at this point. Well, contrary to USB 2.0, FireWire can maintain a specified minimum transfer rate, which is a particular bonus when it comes to high-resolution video. While in theory, USB 2.0 can reach slightly higher transfer rates, most real-world scenarios prove that FireWire has the leading edge.

Apart from that, most modern PC systems these days come with a FireWire interface anyway, and even if you should find out your particular PC doesn't, you can always add a FireWire interface and it won't cost you a fortune.

As it turns out, DVBShop made a smart move with focusing on FireWire, even more so as this type of interface has been gaining ground in the home video segment for many years now anyway.

DVBShop sent us the internal model for our test – the FloppyDTV. It can easily be slotted into any PCI or PCI-e port and draws its power directly from the PC's internal power supply. All you need to do is connect the supplied power cord to one of the 4-pin power sockets that are also used to power hard disks, DVD drives and so on.

The outward facing side of the card features the tuner connection as well as – slightly below – a CI slot that can take any standard module for conditional access systems like Irdeto, Seca, Viaccess, Conax, Cryptoworks, Nagravision and so on. The FireWire interface required for data transfer is located directly on the printed circuit board of the FloppyDTV and cannot be accessed from the outside. This means the card needs to be connected to one of the PC's internal FireWire ports. In case such an internal port is not available, the FloppyDTV package includes a second slot sheet that can be used to guide the FireWire cable to the outside and then connect it to one of the regular FireWire ports of the PC. The manufacturer can even supply a suitable adapter kit to install the card into a 3.5 inch hard disk slot, but this device is not included as standard.

DVBShop ships three versions of the FloppyDTV card: DVB-S/2, DVB-C and DVB-T. It's a pity that the card is not designed for swapping tuners because the tuner is permanently soldered onto the printed circuit board. A tuner that could easily be changed even by users with only moderate technical skills would provide some wonderful icing on the cake.

Channel list sorted according to providers

Channel list sorted alphabetically

Channel 4 HD with info bar

Installation

If you're looking for an impressive demonstration of how Plug&Play is supposed to work you've come to the right place. Simply identify an available PCI or PCI-e slot and insert the card. Indentations for both slot types are provided or you may also choose to simply detach the bracket that is not required to make sure the card firmly sits in place. Usually you will also easily find an unused power connector and be able to connect the card to an internal FireWire port. And that's it!

The manufacturer ships this product with a handy step-by-step installation guide. The minimum system requirements are Pentium IV 1.5 GHz or Athlon XP+ 200 for SDTV and Pentium IV 3.5 GHz or Athlon XP+ 3500 with a DXVA/H.264 compatible graphics board for HDTV. Both the Windows XP and Windows Vista operating systems are supported, the latter with 32bit as well as 64bit.

Apart from the provided FireDTV Viewer you may also

Simply television

The Black-Forest-High-Tech-Company

BLACK FOREST HIGH TECH

DISTRIBUTORS WANTED

> sales@smart-electronic.de

www.smart-electronic.de

smart®

use the card in combination with the Windows Media Center (only with Windows Vista and Windows MCE 2005). As – unfortunately – the Windows Media Center does not support HDTV with H.264 we decided right at the start to use the in-house software solution provided by the manufacturer.

Installation was completed in a breeze, and we also did not encounter any difficulties installing all required drivers on our test PC which is equipped with Intel Core2Duo 1.8 GHz, 2 GB RAM, Nvidia Geforce graphics board and Windows Vista. A few minutes was all it took to get ready for HDTV on the PC.

Everyday use

Even at first sight the FireDTV Viewer impresses with its sleek, cleverly laid out and easy to use appearance. The manufacturer went at great lengths to avoid overpowering users with a main screen that is full of buttons, features and adjustment options. Thanks to this strategy even absolute beginners will not be overwhelmed by an endless variety of settings and thus should be able to use the software after only a short while.

The main window displays the selected TV channel in presentation mode (full screen) or any desired size. Only when the mouse cursor is moved to the outer right section of the window does a channel list pop up. This way no valuable space is wasted by a permanent channel list display.

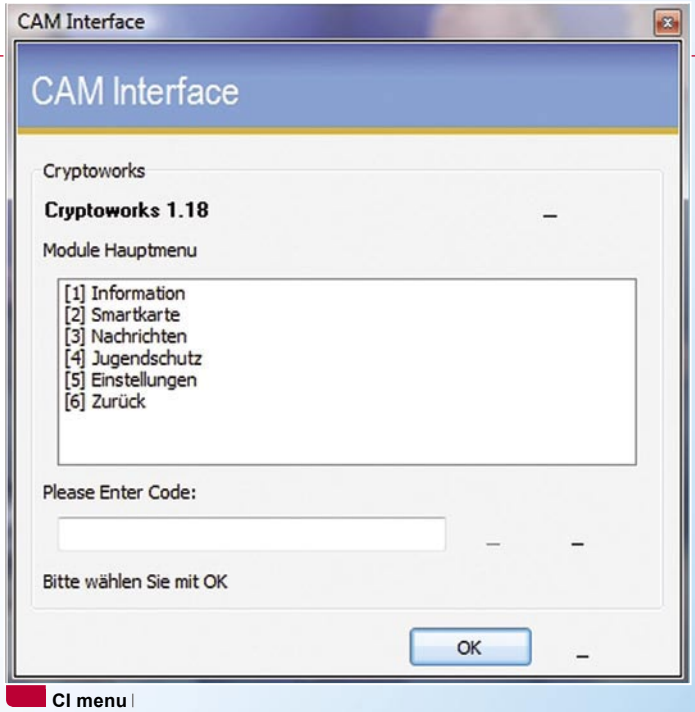
The control bar is located at the lowest end of the FireDTV Viewer and can be used to control the viewer. Altogether it boasts eleven buttons, which are (from left to right): play/pause, record, timer, previous channel, search, one channel down, one channel up, volume, mute, teletext and EPG. Above the control bar a second bar indicates the current position during playback. It can also be used to move to another position thanks to time shifting during playback and recording. There are no dedicated buttons for fast forward and fast rewind, but thanks to the time shift bar this is no real loss.

Once the installation process is finished the software is ready to perform its first channel scan. The FireDTV Viewer comes with a pre-stored list of 153 European, Asian and American satellite positions which is quite up-to-date and well sorted. Any required LOF can be used which means that the good old C band is supported just as well as signals from the exotic S band.

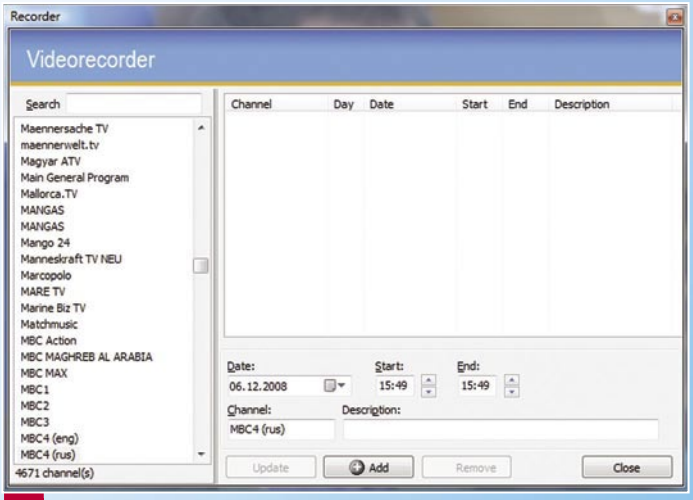
DiSEqC 1.0, 1.2 and 1.3 are available if your set-up includes more than one LNB and make the software compatible with small dual-feed antennas as well as motorised dishes. Only those relying on DiSEqC 1.1 (frequently used in combination with multi-focus antennas) are left standing in the rain, as the software currently is unable to work with such systems. In the end, however, the manufacturer would be able to rectify this glitch with a simple software update.

The pre-stored transponder list allows performing a channel scan either across the full frequency range of a satellite or for a restricted range. Alternatively, a single transponder can be chosen for a scan as well. Each scan result is saved separately with an individual time stamp by the software and it is even possible to decide whether the result should be added to an existing list or stored separately. In case you don't use a conditional access module it is of course perfectly possible to restrict any search to free-to-air channels only. We tested the software with HOTBIRD 13° East with its 100+ transponders and were surprised it took only 4:20 minutes to find more than 1500 TV and radio channels, which is quite an achievement.

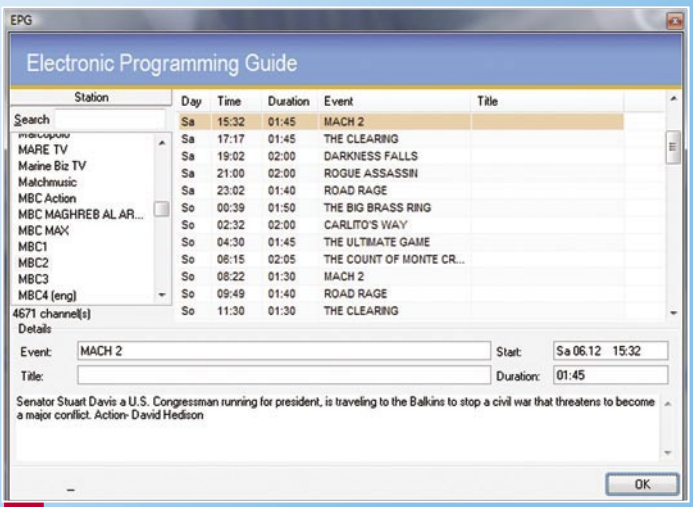
Now that the channel list is



CI menu



PVR timer function



Extended EPG

filled it is worthwhile looking at the settings menu: Here you can choose your favourite OSD language (German, English and Italian are currently available), the directory for recordings and the time shift buffer, you can define whether recordings exceeding a certain size should be divided into several files and select the used hardware components. Even a dedicated codec can be selected manually for each supported output format, unless you decide to let the FireDTV Viewer take care of this by activating the 'auto' mode.

Whenever you tune into a new channel the software displays an info bar in the lower screen area. It shows EPG information relating to the current event if the channel provides this data. Switching channels takes approximately one second, which is fairly impressive for a PC solution.

The channel list that pops up in the right screen area can easily be sorted, edited and adjusted to personal preferences. You can sort and display channels alphabetically, according to providers, frequency or satellite and you can blank out either TV, radio or encrypted channels.

Channels you never watch can be deleted while channels you watch on a regular basis can be moved into a favourites list. Another feature we really appreciated is the search mode which you can use to find even channels that are hidden way down the channel list.

Simply press the EPG button in the status bar to open the cleverly laid out EPG that displays information for up to a week in advance, if provided for the selected channel. Naturally you can mark EPG entries for recording with a simple touch of a button – we would not have expected anything less for a premium product anyway.

In case no EPG data are available for certain channels it is of course just as well possible to create manual timer entries or edit existing entries through a dedicated timer menu. The integrated teletext decoder rounds off the fine overall impression of the FireDTV Viewer. Like all other features, it performed flawlessly during our test.

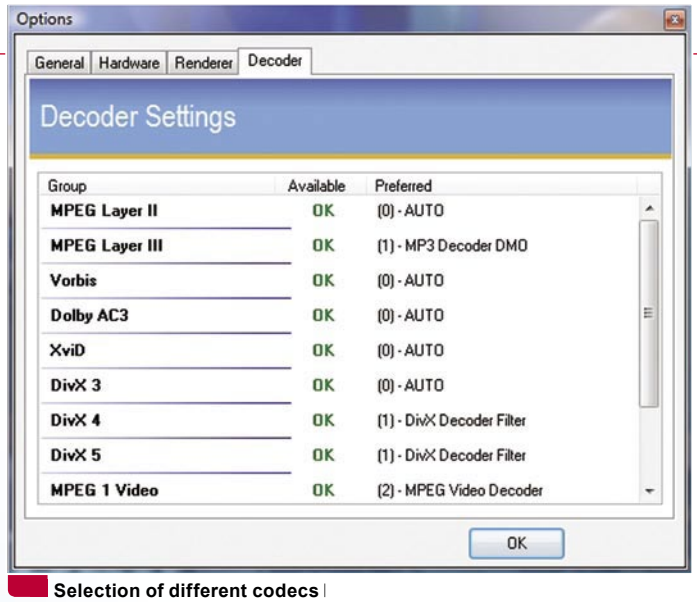
TELE-satellite tests the reception capabilities of all receivers that make it to our lab, and the FireDTV was no exception. It performed well and was able to also pull in weaker signals from NILESAT 7° West or EXPRESS AM1 40° East with ease. The tuner also did a good job with SCPC signals and created a steady signal with symbol rates of 2 MS/s and above. Only when the symbol rate was just 1 MS/s from EUTELSAT SESAT 36° East did the FloppyDTV not pass the test.

H.264 HDTV reception was not a problem with our test PC and we were able to run other applications next to the TV window without noticeable limitations. But what about older systems?

We stumbled across an old Pentium IV PC in our basement and revived it to check how the FloppyDTV works with less state-of-the-art PC hardware. The result was far better than what we had anticipated: While it came as no surprise that SDTV reception worked brilliantly, we found that even HDTV reception was possible, albeit with some frozen frames every once in a while and no way of working with other applications simultaneously as the processor was really pushed to the limits with HDTV viewing.

This proved once more that HDTV solutions for PCs require an enormous amount of processing power as well as an equally capable graphics board.

Thanks to decreasing prices for hardware components and technological progress, however, most modern home PCs can be expected to meet these requirements and should be a perfect match for the FloppyDTV card.



Selection of different codecs

Expert Opinion

Thomas Haring
TELE-satellite
Test Center
Austria

\+

The FloppyDTV card is an extremely versatile and powerful extension to your existing PC at home. It allows storing and editing TV and radio contents directly on your hard disk. The FireDTV Viewer also performed very well during our test and stands out thanks to its ease of use.

\-

DiSEqC 1.1 switches are not supported and editing the prestored satellite and transponder lists is rather cumbersome.

TECHNIC DATA

Distributor	DVB Shop Network and Television GmbH D-04509 Neukyhna OT Pohritzsch, Germany
Email	webmaster@dvbshop.net
Website	www.dvbshop.net
Tel	+49 (0) 34954/31960 (Mo-Thu 13:00-17:00)
Fax	+49 (0) 34954/49233
Model	FloppyDTV
Function	Internal PC Card for the reception of SD and HD content via DVB-S/2 using FireWire connector
Channel memory	unlimited
Satellites	153
Symbol rates	2-45 Ms/sec.
SCPC compatible	yes (tested > 2 MS/s)
USALS	yes
DiSEqC	1.0, 1.2, 1.3
EPG	yes
C/Ku-Band compatible	yes

OPENSAT 3000CRCI PVR

Reciever Kecil dengan Banyak Fitur

TELE SATELLITE AWARD & BROADBAND 04-05/2009

OPENSAT 3000CRCI PVR
Receiver PVR lengkap dengan kualitas cemerlang, serta mudah digunakan

OPENSAT 3000CRCI PVR adalah receiver CI dengan PVR yang berukuran kecil. Dengan ukurannya yang tidak biasa ini, maka receiver ini akan sesuai untuk lingkungan ruang keluarga. Panel depan memiliki fitur tampilan segmen empat-digit dan – di bagian sudut atas kiri – tombol standby. Tombol-tombol lainnya dan rongga CI tersembunyi di balik flap.

Jika Anda membuka flap ini maka akan terlihat tujuh tombol untuk mengoperasikan receiver tanpa kendali jarak jauh, rongga CI untuk semua modul standar seperti Irdeto, Seca, Viaccess, Cryptoworks atau Nagravision, sebuah pembaca kartu Conax serta antarmuka USB.

Panel belakang memiliki desain yang menarik dilengkapi dengan masukan IF satelit dan keluaran loop-through, 2 konektor scart, 4 colokan RCA untuk audio stereo dan video, kendali arus 0/12 volt, keluaran audio digital optikal, keluaran modulator UHF, antarmuka RS-232 dan saklar utama.

Kendali jarak jauh yang disertakan pada receiver ini enak digenggam, dengan rancangan yang bagus dan diberi label dengan jelas. Meskipun menu pada receiver OPENSAT sudah cukup jelas, pabrikan tetap menyediakan buku pedoman yang lengkap yang akan menjawab pertanyaan yang mungkin masih akan muncul. Yaitu berisi seluruh fungsi dan pilihan pada receiver serta terdapat gambar dan ilustrasi diperlukan.

Keseluruhan kualitas pembuatan 3000CRCI sangat bagus dan kami tidak mengeluh terhadap unit yang kami terima untuk diuji ini.

Penggunaan Sehari-hari

Receiver ini tidak dilengkapi dengan panduan instalasi, yang berarti bahwa Anda harus memulai dengan memilih bahasa yang diinginkan untuk menu di layar. Setelah Anda menemukan menu ini, tersedia bahasa: Inggris, Prancis, Jerman, Italia, Spanyol, Turki, Polandia, Farsi, Slovakia, Slovenia, Czech dan Hungaria.

Menu utama memiliki

Energy Efficiency Rating
eco friendly
0.53
power factor
tested by TELE-satellite

TELE-satellite World
www.TELE-satellite.com/...
Download this report in other languages from the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0905/ara/opensat.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0905/bid/opensat.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0905/bul/opensat.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0905/ces/opensat.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0905/deu/opensat.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0905/eng/opensat.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0905/esp/opensat.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0905/far/opensat.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0905/fra/opensat.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0905/hel/opensat.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0905/hrv/opensat.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0905/ita/opensat.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0905/mag/opensat.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0905/man/opensat.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0905/ned/opensat.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0905/pol/opensat.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0905/por/opensat.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0905/rom/opensat.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0905/rus/opensat.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0905/sve/opensat.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0905/tur/opensat.pdf

Available online starting from 27 March 2009

struktur yang jelas dan dibagi dalam enam kategori (daftar saluran, pengaturan antena dan pencarian, pengaturan, perangkat, permainan dan PVR). Langkah pertama memerlukan pengaturan receiver terhadap perangkat TV.

Sistem warna PAL, PAL-M, PAL-N, SECAM dan NTSC didukung dan dapat dipilih secara manual – atau Anda bisa memilih fungsi 'auto' dan membiarkan receiver untuk menangani segalanya.

Sinyal video dapat ditempatkan sebagai RGB atau CVBS, dengan S-Video dan YUV tidak diimplementasikan oleh pabrikan. Modulator UHF dapat diaktifkan pada menu tertentu tersedia saluran 21 hingga 69.

Seperti pada perangkat DVB lainnya, OPENSAT 3000CRCI dapat mensinkronkan waktu setempat dengan kode waktu yang dipancarkan via satelit. Untuk memastikan waktu tersebut tepat, maka Anda harus mendefinisikan perbedaan waktu setempat dengan GMT. Jika sebagian besar receiver lain memerlukan pengguna untuk mengatur GMT +/- x jam, maka receiver ini menunjukkan sejumlah kota terkenal untuk setiap zona waktu untuk memudahkan identifikasi zona yang sesuai, meskipun Anda tidak 100% pasti berapa jam perbedaan waktu Anda.

Menu terpisah lainnya menangani pengaturan waktu daylight saving sehingga Anda tidak perlu mengubah waktu dua kali setahun. Beberapa pengaturan tambahan yang berguna seperti OSD atau pilihan peralihan saluran melengkapi menu ini.

Selanjutnya, receiver harus disesuaikan dengan sistem penerimaan yang ada. Receiver ini telah diprogram dengan daftar 44 posisi satelit Eropa yang sangat terkini dan disortir dengan baik.

Tombol berwarna pada kendali jarak jauh dapat digunakan untuk menambah satelit baru dengan seketika, untuk mengubah data yang ada atau menghapus data yang tidak dipakai lagi.

Receiver ini juga harus mengetahui apakah dihubungkan dengan antena tetap atau bermotor karena receiver ini mendukung protokol DiSEqC 1.0, 1.1, 1.2 dan 1.3 (USALS). Dengan adanya dukungan DiSEqC 1.1 maka antena multi-fokus juga dapat dihubungkan pada receiver OPENSAT, serta antena dengan motor USALS yang praktis hanya memerlukan posisi lokasi antena yang tepat untuk menemukan seluruh satelit yang tersedia.

Berbagai LOF telah diprogram sehingga penerimaan C band menjadi pilihan selain penerimaan Ku band. Bahkan sinyal sirkular dari LNBF dapat diterima dan diproses. Beserta sejumlah LOF yang tersedia adalah agak mengesankan, meskipun tidak bisa mengisi LOF khusus secara manual.

Memori 3000CRCI dapat menampung 4000 saluran dan untuk dapat

Daftar transponder pada NILESAT 7° BB

EPG

Daftar Saluran

THE QUEEN'S AWARDS FOR ENTERPRISE: INTERNATIONAL TRADE 2007

Winners of The Queen's Award For International Trade 2007, Horizon Global Electronics is a UK Company established in 2001 specialising in the design and manufacture of hand held test equipment for the digital satellite and TV sector. Our strength lies in being able to find innovative solutions to leading technology issues .

HORIZON

For a reliable solution!

INTRODUCING THE HORIZON DIGITAL METER RANGE

THE HORIZON DIGITAL SATELLITE METER USB & USB PLUS

HDSM USB

- New graphics capable 128 x 64 pixel high brightness (adjustable) backlit LCD
- New Full Speed USB 2 interface with automatic driver download
- Full backwards compatibility with existing HDSM downloads
- New 3300 mAh battery pack offering in excess of 7 hours operation
- New nylon F connectors for maximum durability
- Faster processor with recall of last selection used
- New manual carrier configuration mode
- Twice the satellite setting capacity with 64 selections available
- Lock indication within 100ms of acquiring the satellite
- Custom program files available on request (e.g. VSAT)
- L-Band, C-Band, Ku-Band and Ka-Band capability
- Quality indicator (Pre BER) displayed alongside RF Level (dBuV)
- Pre and Post BER can be displayed with their actual values (setup option)
- Toggle to display Post BER and Carrier to Noise (dB)
- DiSEqC switch commands (available from sub menu)
- Symbol rates 2Msymb to 45Msymb
- Frequency range 950 to 2150MHz
- Input impedance 75 Ohms
- LNB Pass / Fail test function
- LNB short circuit protection
- Satellite cable integrity test
- Upgradeable firmware
- Intelligent internal AC charger 100 to 240 V AC
- Automatic fast and trickle charge modes
- 12 volt in car charger supplied
- USB lead supplied
- CE approved
- Compliant with EN 61326-1 : 2006 (EMC) and EN 61010-1 : 2001 (Electrical safety)
- Registered design
- Free product support via phone and email

HDSM USB PLUS (additional features)

- Easy to use Spectrum Display Mode
- QPSK Constellation Diagram (with zoom function)
- Histogram display with up to 9 simultaneous carrier measurements for single cable installations (SCR)
- Data Logging (upload installation measurement data to your PC)

HORIZON DIGITAL TERRESTRIAL METER (HDTM)

- Displays Signal Strength (RF level) with DVB-T indicator.
- Fast and accurate Pre BER readings in real time for easier antenna pointing using the built in CODFM indicator for quality of service.
- Can store up to 32 transmitter selections (via our web site downloads) a default of UHF 21 – 69 step through is preloaded.
- Built in intelligent universal mains charger 100 – 240V AC (CE approved) with V delta detection for fast and then trickle charging.
- Minimum run time of 5 hours with a full charge on the 2400 mAh NiMH battery.
- Computer interface: Serial Port (Com 1-4) for upgradeable software on transmitters.

FROM TEST TO MEASUREMENT

DEALERS AND DISTRIBUTORS WANTED

Speed up your installations call now on

+44 (0)1279 417005

or visit our website

www.horizonhge.com

email: sales@horizonhge.com

Menu Utama – Instalasi

Pencarian multi-satelit

Pengaturan daftar saluran

Info bar

VENUS DIGITAL

Anti Rust Material

Galvalume®

by BlueScope Steel

PT.Subur Semesta
AN ELECTRONIC COMPANY
Jl: Kamal Raya No.8A RT.14/09
Tegal Alur, Jakarta Barat 11820
Tel: (62-21)-5559733 Fax:(62-21)-5559805
email: subursmt@gmail.com
http://subursmt.com
INDONESIA

Tampilan multi gambar dengan 9 saluran

mengisinya dengan apa yang disediakan di langit, maka Anda bisa melakukan pencarian otomatis untuk satu atau beberapa satelit, atau pencarian transponder secara manual. Untuk kedua mode pencarian Anda bisa membatasi pencarian untuk hanya free-to-air, hanya TV, hanya radio atau TV & radio. Pencarian jaringan juga dapat diaktifkan jika diperlukan.

Mode blind scan bisa menjadi bantuan karena mode ini memungkinkan untuk menemukan dan memindai transponder yang belum ada dalam daftar yang tersimpan.

Kami mencoba pencarian standar pada HOTBIRD 13° BT dan receiver OPENSAT memerlukan 3:20 menit dan menemukan 1.235 saluran TV dan 456 stasiun radio. Ketika mengaktifkan blind scan pada satelit yang sama, receiver menyelesaikannya dalam waktu kurang dari lima menit dan menemukan 1.132 saluran TV dan 431 stasiun radio. Hasilnya sangat memuaskan mempertimbangkan dalam mode otomatis.

Untuk pencarian manual, dapat dipilih masing-masing transponder, diubah, disortir, ditambah atau dihapus hanya dengan menekan satu tombol. Di sini, tombol-tombol berwarna di kendali jauh melaksanakan proses ini dengan mudah. Satu yang tidak ada hanyalah masukan PID manual, yang tidak didukung oleh receiver ini.

Jika kita tahu bahwa memori saluran terbatas pada 4000, maka diperlukan pengaturan daftar saluran menurut kehendak pribadi dan – di atas segalanya – mempertimbangkan secara serius penghapusan seluruh saluran yang tidak ingin ditonton. Semuanya ini dapat dilakukan dengan kategori menu pertama yang akan memunculkan pilihan pengubahan daftar saluran. Tidak hanya untuk daftar TV, namun saluran radio pun bisa diubah dengan cara yang sama.

Bagi pehobi TV satelit: Anda akan senang mempelajari bahwa daftar saluran lengkap dapat dihapus hanya dengan menekan satu tombol tanpa mengubah pengaturan receiver yang lainnya.

Ketika Anda berada di mode edit apakah seluruh saluran yang tersedia terdaftar atau hanya saluran dari masing-masing satelit yang ditampilkan.

Lagi, tombol-tombol berwarna pada kendali jarak jauh digunakan untuk menambah saluran ke dalam salah satu daftar favorit (yang masing-masing bisa diberi nama), untuk menghapus, memindahkan atau PIN-lock

saluran sehingga anggota keluarga di bawah umur tidak memiliki akses material yang tidak sesuai.

Saluran yang terdaftar juga bisa ditandai untuk dilewati ketika menjelajahi daftar. Ketika berada di mode edit, video saluran ditampilkan dalam jendela kecil di sebelah kanan sudut atas.

Tombol merah di kendali jarak jauh membuka jendela pencarian dan Anda dengan musah memasukkan nama saluran yang diinginkan dan di sebelah kiri terdapat keyboard.

Ini adalah fitur anugrah dalam OPENSAT yang membuatnya selangkah lebih maju dengan mengimplementasikan fitur ini dengan cara yang sangat mudah digunakan.

Kesan yang sangat bagus pada receiver ini dilengkapi dengan fungsi zoom, dekoder teleteks terintegrasi dan tampilan multi-gambar untuk sembilan saluran.

OPENSAT menggunakan tuner dengan threshold yang agak rendah sehingga mampu mendapatkan dan memroses sinyal yang lemah seperti pada NILESAT 7 BB atau ASTRA2D 28° BT.

Pengujian terhadap penerimaan SCPC juga bisa dilewati dan transponder uji di TURKSAT dengan simbol rate hanya 2400 KS/s tidak menyebabkan masalah pada receiver 3000CRCI.

Antarmuka CI bekerja baik pada saat pengujian dan dapat menerima seluruh modul yang kami coba. Pembaca kartu Conax terpasang juga bekerja sempurna dengan kartu uji kami.

Antarmuka RS-232 dapat digunakan untuk memperbarui peranti lunak atau untuk mengisi daftar saluran baru. Sampai tahap ini, OPENSAT menyediakan editor untuk komputer sehingga SatcoDX dapat digunakan untuk memperbarui data saluran dan transponder ke receiver.

PVR

Jika Anda mengira kenapa receiver OPENSAT 3000CRCI PVR memiliki kata PVR pada nama modelnya, inilah jawabannya: yaitu terdapat pada antarmuka USB 2.0 di panel depan, yang mengubah receiver OPENSAT ini menjadi PVR.

Segala jenis hard disk portabel, kartu memori atau stik memori dapat dihubungkan pada terminal ini dan akan segera dikenali oleh receiver. Setelah itu seluruh fungsi PVR menjadi tersedia, seperti perekaman acara, memutar file yang telah disimpan dan tentu saja menonton secara time shift.

Sehingga jika Anda sedang menonton tayangan film dan telpon berdering, maka Anda hanya perlu menekan tombol pause, menjawab telpon dan melanjutkan menonton setelah selesai menelpon.

Biasanya kami menguji seluruh fitur PVR dan tidak menemukan hal-hal yang perlu dikeluhkan. Delapan pengatur waktu dapat dibuat yang memungkinkan perekaman setiap hari atau minggu tanpa harus mengatur ulang lagi.

Sebagai tambahan pada perekaman dan memutar tayangan TV dan radio, receiver ini juga memiliki fitur pemutar MP3 dan penayang gambar sehingga Anda bisa memamerkan foto liburan Anda di layar TV. Atau Anda bisa menggunakan receiver ini sebagai juke box untuk acara pesta Anda.

Pembaruan peranti lunak juga dimungkinkan dengan menggunakan antarmuka USB – yang perlu Anda lakukan hanyalah mengunduh file yang diperlukan dari situs pabrikan, pindahkan ke stik memori dan memulai proses pembaruan pada receiver.

Satu-satunya kekurangan receiver OPENSAT 3000CRCI PVR adalah kenyataan bahwa media penyimpanan hanya bisa dihubungkan ke panel depan receiver. Hal ini berarti bahwa flap yang elegan harus tetap selalu terbuka dan menjadikan bagian dalam panel depan terlihat berserta tombol dan rongganya.

Apa yang sangat kami sukai, adalah hasil rekaman dapat diedit di komputer atau dipindahkan ke DVD. Dengan penggunaan media penyimpanan portabel, maka semudah ABC untuk menghubungkannya ke komputer dan tidak perlu khawatir lagi untuk memindahkan file yang sangat besar.

OPENSAT

Opini Ahli

Thomas Haring
TELE-satellite
Test Center
Austria

+

OPENSAT 3000CRCI PVR adalah receiver PVR yang lengkap dan sangat sesuai untuk segala lingkungan ruang keluarga dan untuk seluruh anggota keluarga karena mudah digunakan. Sistem operasi memiliki desain yang sederhana dan bekerja tanpa masalah selama pengujian. Komponen perangkat keras yang digunakan oleh OPENSAT juga memenuhi semua harapan. Dengan adanya PVR, pemutar MP3 dan penayang gambar, maka 3000CRCI merupakan receiver yang fleksibel yang akan tampak mantap di segala lemari karena bentuknya yang kecil.

-

Antarmuka USB di panel depan agak kurang leluasa. Memindahkannya ke belakang atau – lebih baik - menambah antarmuka USB di panel belakang adalah ide yang bagus.

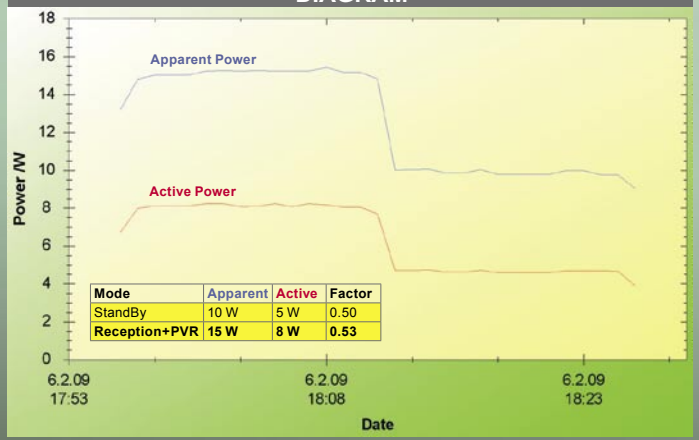
TECHNIC

DATA

Manufacturer	ABC Biznis, 955 01 Topol'cany, Slovakia
Tel/Fax	+421 38 5313508
E-Mail	info@abcbiznis.sk
Website	www.opensat.sk, www.abcbiznis.sk
Model	OPENSAT 3000CRCI PVR
Function	Digital DVB-S CI-PVR receiver
Channel memory	4000
Symbol rates	2-45 Ms/sec.
SCPC compatible	yes
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
USALS	yes
HDMI connector	no
Scart connector	2
Audio/Video output	3 x RCA
S-Video output	no
UHF modulator	yes
0/12 Volt connector	yes
Digital audio output	yes
EPG	yes
C/Ku-band compatible	yes
PVR-function	yes (via external USB 2.0 storage media)

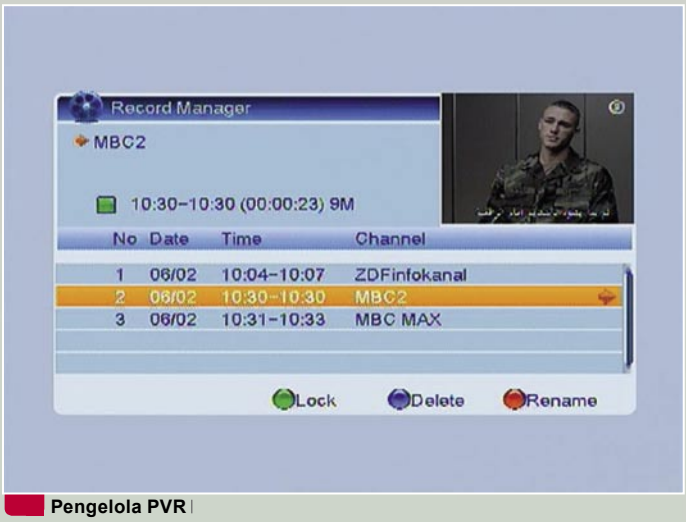
ENERGY

DIAGRAM



First 15 minutes: reception with channel switching, PVR recording and play. Second 15 minutes: standby

Menu Utama – PVR



Pengelola PVR

MP3 Jukebox

Penerimaan SCPC dari TURKSAT 42° BT

PROMAX

Helping to build a better industry

DTTV: DISTRIBUTION IN DVB-T

Convert QPSK and A/V into COFDM signals for true "Digital To Television"

Advanced technology at affordable prices

TV EXPLORER II+

High definition satellite (DVB-S2) & Mobile TV (DVB-H)
Encrypted channels decoding (Patented)
Automatic signals identifying
Automatic channel tables
Fast, automatic reports
Spectrogram and Merogram (Patent Pend)
Minimum size & weight

SATHUNTER

Fast and accurate dish installation
Light, compact and easy to use
Displays Power, MER, BER and service list
Customizable through software and USB port

www.promaxelectronics.com **Tel. 93 260 20 02**

AWARD WINNING

21 SATELLITE PRODUCTS OF 21ST CENTURY

Manufacturer	Topfield
Website	www.topfield.co.kr
Function	HDTV PVR Satellite Receiver with Scaler
DVB-S2/LAN	• / •
Channel Memory	5000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	• / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 02-03/2009

TOPFIELD TF6000PVR ES
Easy to use family oriented receiver with built-in upscaler – ideal for use on LCD or plasma TVs

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0903/ara/topfield.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0903/bid/topfield.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0903/bul/topfield.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0903/ces/topfield.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0903/deu/topfield.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0903/eng/topfield.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0903/esp/topfield.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0903/far/topfield.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0903/fra/topfield.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0903/hel/topfield.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0903/hrv/topfield.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0903/ita/topfield.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0903/mag/topfield.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0903/man/topfield.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0903/ned/topfield.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0903/pol/topfield.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0903/por/topfield.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0903/rus/topfield.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0903/sve/topfield.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0903/tur/topfield.pdf

Manufacturer	Dizipia
Website	www.dizipia.com
Function	HDTV Satellite Receiver with Scaler
DVB-S2/LAN	• / •
Channel Memory	!
DiSEqC	1.0 / 1.2 / 1.3
S-Video/HDMI	— / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 02-03/2009

DIZIPIA DS4H-9160
A competent receiver with lots of connection options and powerful capabilities

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0903/ara/dizipia.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0903/bid/dizipia.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0903/bul/dizipia.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0903/ces/dizipia.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0903/deu/dizipia.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0903/eng/dizipia.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0903/esp/dizipia.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0903/far/dizipia.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0903/fra/dizipia.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0903/hel/dizipia.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0903/hrv/dizipia.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0903/ita/dizipia.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0903/mag/dizipia.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0903/man/dizipia.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0903/ned/dizipia.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0903/pol/dizipia.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0903/por/dizipia.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0903/rus/dizipia.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0903/sve/dizipia.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0903/tur/dizipia.pdf

Manufacturer	Jiuzhou
Website	www.jiuzhou.com.cn
Function	Digital PVR Satellite Receiver for SDTV/HDTV
DVB-S2/LAN	• / —
Channel Memory	5000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	— / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 12-01/2009

JIUZHOU DTS6600
A brilliant blend of ease of use and great functions

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0901/ara/jiuzhou.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0901/bid/jiuzhou.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0901/bul/jiuzhou.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0901/ces/jiuzhou.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0901/deu/jiuzhou.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0901/eng/jiuzhou.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0901/esp/jiuzhou.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0901/far/jiuzhou.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0901/fra/jiuzhou.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0901/hel/jiuzhou.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0901/hrv/jiuzhou.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0901/ita/jiuzhou.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0901/mag/jiuzhou.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0901/man/jiuzhou.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0901/ned/jiuzhou.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0901/pol/jiuzhou.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0901/por/jiuzhou.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0901/rom/jiuzhou.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0901/rus/jiuzhou.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0901/sve/jiuzhou.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0901/tur/jiuzhou.pdf

JIUZHOU

Manufacturer	ABC BIZNIS
Website	www.opensat.info
Function	HDTV Satellite Receiver with Two CI Slots
DVB-S2/LAN	• / —
Channel Memory	!
DiSEqC	1.2
S-Video/HDMI	— / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 12-01/2009

OPENSAT XT-9500 HD
Style and substance in a single package

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0901/ara/opensat.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0901/bid/opensat.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0901/bul/opensat.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0901/ces/opensat.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0901/deu/opensat.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0901/eng/opensat.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0901/esp/opensat.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0901/far/opensat.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0901/fra/opensat.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0901/hel/opensat.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0901/hrv/opensat.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0901/ita/opensat.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0901/mag/opensat.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0901/man/opensat.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0901/ned/opensat.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0901/pol/opensat.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0901/por/opensat.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0901/rom/opensat.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0901/rus/opensat.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0901/sve/opensat.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0901/tur/opensat.pdf

OPENSAT

Manufacturer	AB-COM
Website	www.abipbox.com
Function	Digital Linux-based HDTV PVR Receiver for DVB-S, DVB-S2, DVB-C and DVB-T
DVB-S2/LAN	• / •
Channel Memory	10000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	— / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 12-01/2009

AB IPBOX 900HD
Perfect HD receiver both for a family as for the satellite enthusiast

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0901/ara/abcom.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0901/bid/abcom.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0901/bul/abcom.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0901/ces/abcom.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0901/deu/abcom.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0901/eng/abcom.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0901/esp/abcom.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0901/far/abcom.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0901/fra/abcom.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0901/hel/abcom.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0901/hrv/abcom.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0901/ita/abcom.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0901/mag/abcom.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0901/man/abcom.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0901/ned/abcom.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0901/pol/abcom.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0901/por/abcom.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0901/rom/abcom.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0901/rus/abcom.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0901/sve/abcom.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0901/tur/abcom.pdf

Manufacturer	Topfield
Website	www.topfield.co.kr
Function	HDTV PVR Satellite Receiver
DVB-S2/LAN	• / —
Channel Memory	5000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	— / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 10-11/2008

TOPFIELD TF7700HSCI
A solidly built SDTV and HDTV receiver that includes a variety of very practical features

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0811/ara/topfield.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0811/bid/topfield.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0811/bul/topfield.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0811/ces/topfield.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0811/deu/topfield.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0811/eng/topfield.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0811/esp/topfield.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0811/far/topfield.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0811/fra/topfield.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0811/hel/topfield.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0811/hrv/topfield.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0811/ita/topfield.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0811/mag/topfield.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0811/man/topfield.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0811/ned/topfield.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0811/pol/topfield.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0811/por/topfield.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0811/rom/topfield.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0811/rus/topfield.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0811/sve/topfield.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0811/tur/topfield.pdf

Manufacturer	Sonicview
Website	www.sonicviewusa.com
Function	Digital Satellite PVR Receiver With Two Tuners
DVB-S2/LAN	— / —
Channel Memory	6000
DiSEqC	1.0 / 1.1 / 1.2
S-Video/HDMI	• / —
Scart/Digital Audio	— / •

TELE SATELLITE AWARD & BROADBAND 10-11/2008

SONICVIEW SV-360 ELITE PVR
A family-friendly receiver and easiest to use with a multitude of features

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0811/ara/sonicview.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0811/bid/sonicview.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0811/bul/sonicview.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0811/ces/sonicview.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0811/deu/sonicview.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0811/eng/sonicview.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0811/esp/sonicview.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0811/far/sonicview.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0811/fra/sonicview.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0811/hel/sonicview.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0811/hrv/sonicview.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0811/ita/sonicview.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0811/mag/sonicview.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0811/man/sonicview.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0811/ned/sonicview.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0811/pol/sonicview.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0811/por/sonicview.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0811/rom/sonicview.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0811/rus/sonicview.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0811/sve/sonicview.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0811/tur/sonicview.pdf

Manufacturer	PT. Subur Semesta
Website	www.subursmt.com
Function	Digital Satellite Receiver for Motorized Dishes
DVB-S2/LAN	— / —
Channel Memory	4000
DiSEqC	1.2
S-Video/HDMI	— / —
Scart/Digital Audio	— / —

TELE SATELLITE AWARD & BROADBAND 10-11/2008

VENUS NEW MILLENNIUM II-EP
Easy to use receiver for big motorized dishes at an economic price

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0811/ara/venus.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0811/bid/venus.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0811/bul/venus.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0811/ces/venus.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0811/deu/venus.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0811/eng/venus.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0811/esp/venus.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0811/far/venus.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0811/fra/venus.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0811/hel/venus.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0811/hrv/venus.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0811/ita/venus.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0811/mag/venus.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0811/man/venus.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0811/ned/venus.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0811/pol/venus.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0811/por/venus.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0811/rom/venus.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0811/rus/venus.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0811/sve/venus.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0811/tur/venus.pdf

Manufacturer	AB-COM
Website	www.abipbox.com
Function	HDTV PVR for DVB-S, DVB-S2, DVB-C and DVB-T
DVB-S2/LAN	• / •
Channel Memory	10000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	• / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 08-09/2008

ABCOM IPBOX 9000 HD PLUS
A huge range of connection options make this box a true all-rounder – yet it remains easy to use as a family receiver.

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0809/ara/abcom.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0809/bid/abcom.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0809/bul/abcom.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0809/ces/abcom.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0809/deu/abcom.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0809/eng/abcom.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0809/esp/abcom.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0809/far/abcom.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0809/fra/abcom.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0809/hel/abcom.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0809/hrv/abcom.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0809/ita/abcom.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0809/mag/abcom.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0809/man/abcom.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0809/ned/abcom.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0809/pol/abcom.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0809/por/abcom.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0809/rom/abcom.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0809/rus/abcom.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0809/sve/abcom.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0809/tur/abcom.pdf

Manufacturer	Arion
Website	www.arion.co.kr
Function	Digital Satellite PVR Receiver with Built-in Scaler
DVB-S2/LAN	• / —
Channel Memory	8000
DiSEqC	1.0 / 1.1 /1.2 / 1.3
S-Video/HDMI	• / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 06-07/2008

ARION AF9400PVR HDMI
A solid and easy to use receiver that with its Scaler can present satellite channels in excellent quality.

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0807/ara/arion.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0807/bid/arion.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0807/bul/arion.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0807/ces/arion.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0807/deu/arion.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0807/eng/arion.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0807/esp/arion.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0807/far/arion.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0807/fra/arion.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0807/hel/arion.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0807/hrv/arion.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0807/ita/arion.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0807/mag/arion.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0807/man/arion.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0807/ned/arion.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0807/pol/arion.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0807/por/arion.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0807/rom/arion.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0807/rus/arion.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0807/sve/arion.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0807/tur/arion.pdf

Manufacturer	NanoXX
Website	www.nanoxx.info
Function	Digital HDTV PVR Receiver
DVB-S2/LAN	• / •
Channel Memory	10000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	• / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 04-05/2008

NANOXX 9500HD
Small enclosure, superbly crisp picture, extremly fast channel search, and connection for HDD

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0805/ara/nanoxx.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0805/bid/nanoxx.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0805/bul/nanoxx.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0805/ces/nanoxx.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0805/deu/nanoxx.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0805/eng/nanoxx.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0805/esp/nanoxx.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0805/far/nanoxx.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0805/fra/nanoxx.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0805/hel/nanoxx.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0805/hrv/nanoxx.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0805/ita/nanoxx.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0805/mag/nanoxx.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0805/man/nanoxx.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0805/ned/nanoxx.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0805/pol/nanoxx.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0805/por/nanoxx.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0805/rom/nanoxx.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0805/rus/nanoxx.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0805/sve/nanoxx.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0805/tur/nanoxx.pdf

Manufacturer	ABC Biznis
Website	www.opensat.info
Function	DVB-S/S2 MPEG2/4 HD Receiver with Single Tuner
DVB-S2/LAN	• / —
Channel Memory	4000
DiSEqC	1.0 / 1.2
S-Video/HDMI	— / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 04-05/2008

OPENSAT X9000HDCI
Fasten your seatbelt: super fast channel zapping combined with superb audio and video quality in SD and HD

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0805/ara/opensat.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0805/bid/opensat.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0805/bul/opensat.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0805/ces/opensat.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0805/deu/opensat.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0805/eng/opensat.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0805/esp/opensat.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0805/far/opensat.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0805/fra/opensat.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0805/hel/opensat.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0805/hrv/opensat.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0805/ita/opensat.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0805/mag/opensat.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0805/man/opensat.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0805/ned/opensat.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0805/pol/opensat.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0805/por/opensat.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0805/rom/opensat.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0805/rus/opensat.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0805/sve/opensat.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0805/tur/opensat.pdf

Manufacturer	Topfield
Website	www.topfield.co.kr
Function	Digital DVB-S, DVB-S2 HD-PVR Receiver with Ethernet Connection
DVB-S2/LAN	• / •
Channel Memory	5000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	• / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 02-03/2008

TOPFIELD TF7700 HDPVR
Fully capable twin receiver with proven HDTV technology and outstanding picture quality.

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0803/ara/topfield.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0803/bid/topfield.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0803/bul/topfield.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0803/deu/topfield.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0803/eng/topfield.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0803/esp/topfield.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0803/far/topfield.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0803/fra/topfield.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0803/hel/topfield.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0803/hrv/topfield.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0803/ita/topfield.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0803/mag/topfield.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0803/man/topfield.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0803/ned/topfield.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0803/pol/topfield.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0803/por/topfield.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0803/rus/topfield.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0803/sve/topfield.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0803/tur/topfield.pdf

Manufacturer	AB-COM
Website	www.abcom.sk
Function	Linux-based Receiver for Terrestrial, Cable and Satellite DVB Reception
DVB-S2/LAN	— / •
Channel Memory	4000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	— / —
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 02-03/2008

AB IPBOX 350PRIME PVR
A Linux-based Receiver as Powerful as Never Before

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0803/ara/abcom.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0803/bid/abcom.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0803/bul/abcom.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0803/deu/abcom.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0803/eng/abcom.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0803/esp/abcom.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0803/far/abcom.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0803/fra/abcom.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0803/hel/abcom.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0803/hrv/abcom.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0803/ita/abcom.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0803/mag/abcom.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0803/man/abcom.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0803/ned/abcom.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0803/pol/abcom.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0803/por/abcom.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0803/rus/abcom.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0803/sve/abcom.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0803/tur/abcom.pdf

Manufacturer	Arion
Website	www.arion.co.kr
Function	HDTV Satellite Receiver with CI Slot
DVB-S2/LAN	• / —
Channel Memory	4000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	— / •
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 12-01 / 2008

ARION AF-4000HDCI
A receiver that will make any newbie happy as well as please any pro with its endless possibilities

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0801/ara/arionHDCI.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0801/bid/arionHDCI.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0801/bul/arionHDCI.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0801/deu/arionHDCI.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0801/eng/arionHDCI.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0801/esp/arionHDCI.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0801/fra/arionHDCI.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0801/hel/arionHDCI.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0801/hrv/arionHDCI.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0801/ita/arionHDCI.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0801/mag/arionHDCI.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0801/man/arionHDCI.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0801/ned/arionHDCI.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0801/pol/arionHDCI.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0801/rus/arionHDCI.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0801/tur/arionHDCI.pdf

Manufacturer	Infosat
Website	www.infosats.com
Function	MPEG2 FTA receiver with Blind Scan
DVB-S2/LAN	— / —
Channel Memory	1000
DiSEqC	1.0 / 1.2
S-Video/HDMI	— / —
Scart/Digital Audio	— / —

TELE SATELLITE AWARD & BROADBAND 12-01 / 2008

INFOSAT ZIMPLE BOX 3
Fast and easy to use receiver for FTA reception with a very sensitive tuner

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0801/ara/zimple.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0801/bid/zimple.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0801/bul/zimple.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0801/deu/zimple.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0801/eng/zimple.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0801/esp/zimple.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0801/fra/zimple.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0801/hel/zimple.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0801/hrv/zimple.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0801/ita/zimple.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0801/mag/zimple.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0801/man/zimple.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0801/ned/zimple.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0801/pol/zimple.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0801/rus/zimple.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0801/tur/zimple.pdf

Manufacturer	Jiuzhou
Website	www.jiuzhou.com.cn
Function	Professional Digital Satellite Receiver with 2 CI Slots
DVB-S2/LAN	— / —
Channel Memory	!
DiSEqC	—
S-Video/HDMI	— / —
Scart/Digital Audio	— / —

TELE SATELLITE AWARD & BROADBAND 10-11/2007

JIUZHOU DVS-2018BS
Very Stable, Solid Receiver for Professional Use

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0711/ara/jiuzhou.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0711/bid/jiuzhou.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0711/bul/jiuzhou.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0711/deu/jiuzhou.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0711/eng/jiuzhou.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0711/esp/jiuzhou.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0711/fra/jiuzhou.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0711/hel/jiuzhou.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0711/hrv/jiuzhou.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0711/ita/jiuzhou.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0711/mag/jiuzhou.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0711/man/jiuzhou.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0711/ned/jiuzhou.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0711/pol/jiuzhou.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0711/rus/jiuzhou.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0711/tur/jiuzhou.pdf

Manufacturer	Jiuzhou
Website	www.jiuzhou.com.cn
Function	Digital Satellite Receiver FTA
DVB-S2/LAN	— / —
Channel Memory	4800
DiSEqC	1.0 / 1.2
S-Video/HDMI	• / —
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 08-09/2007

JIUZHOU DTS1601
Well designed, solid receiver with a mature firmware and blindscan

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0709/ara/jiuzhou.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0709/bid/jiuzhou.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0709/bul/jiuzhou.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0709/deu/jiuzhou.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0709/eng/jiuzhou.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0709/esp/jiuzhou.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0709/far/jiuzhou.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0709/fra/jiuzhou.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0709/hel/jiuzhou.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0709/hrv/jiuzhou.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0709/ita/jiuzhou.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0709/mag/jiuzhou.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0709/man/jiuzhou.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0709/ned/jiuzhou.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0709/pol/jiuzhou.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0709/rus/jiuzhou.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0709/tur/jiuzhou.pdf

Manufacturer	ABC Biznis
Website	www.opensat.info
Function	Fast satellite receiver with two CI slots
DVB-S2/LAN	— / —
Channel Memory	6000
DiSEqC	1.0 / 1.2
S-Video/HDMI	— / —
Scart/Digital Audio	• / —

TELE SATELLITE AWARD & BROADBAND 08-09/2007

OPENSAT X7000CI
A very fast receiver simple to use

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0709/ara/opensat.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0709/bid/opensat.pdf
Bulgarian	Българcки	www.TELE-satellite.com/TELE-satellite-0709/bul/opensat.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0709/deu/opensat.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0709/eng/opensat.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0709/esp/opensat.pdf
Farsi	فارسی	www.TELE-satellite.com/TELE-satellite-0709/far/opensat.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0709/fra/opensat.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0709/hel/opensat.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0709/hrv/opensat.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0709/ita/opensat.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0709/mag/opensat.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0709/man/opensat.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0709/ned/opensat.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0709/pol/opensat.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0709/rus/opensat.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0709/tur/opensat.pdf

Manufacturer	AB-COM
Website	www.abcom.sk
Function	Digital Linux-based PVR satellite receiver
DVB-S2/LAN	— / •
Channel Memory	10000
DiSEqC	1.0 / 1.1 / 1.2 / 1.3
S-Video/HDMI	— / —
Scart/Digital Audio	• / •

TELE SATELLITE AWARD & BROADBAND 06-07/2007

AB IP BOX 250S PVR
Best Linux-based Satellite Receiver, ensuring the rich variety of available firmware, plugins and service software

TELE-satellite World

www.TELE-satellite.com/...

Read Indepth Review of This Product Directly on the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0707/ara/abcom.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0707/bid/abcom.pdf
Bulgarian	Българcки	www.TELE-satellite.com/TELE-satellite-0707/bul/abcom.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0707/deu/abcom.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0707/eng/abcom.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0707/esp/abcom.pdf
Farsi	فارسی	www.TELE-satellite.com/TELE-satellite-0707/far/abcom.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0707/fra/abcom.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0707/hel/abcom.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0707/hrv/abcom.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0707/ita/abcom.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0707/mag/abcom.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0707/man/abcom.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0707/ned/abcom.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0707/pol/abcom.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0707/rus/abcom.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0707/tur/abcom.pdf

CommunicAsia2009

The 20th International Communications and Information Technology Exhibition & Conference

Where the Business of Technology Comes to LIFE

- More than 1,300 C-level attendees
- Over 46,000 trade attendees, with 52% from overseas
- Meet Government Officials and Regulators from the region
- Attended by more than 500 representatives from the media worldwide

16 – 19 June 2009

Singapore Expo

www.CommunicAsia.com

Organised by:

Singapore Exhibition Services Pte Ltd

Tel: +65 6233 6638
Fax: +65 6233 6633
Email: events@sesallworld.com
www.sesallworld.com

Worldwide Associate:

Overseas Exhibition Services Ltd

Tel: +44 20 7840 2130
Fax: +44 20 7840 2119
Email: communicasia@oesallworld.com
www.allworldexhibitions.com

A Part of: imda INFOCOMM MEDIA BUSINESS EXCHANGE

Hosted by: iDA INFOCOMM DEVELOPMENT AUTHORITY OF SINGAPORE; mda Media Development Authority Singapore

OFFICIAL PUBLISHER QUESTEX MEDIA

Endorsed by: aif Approved International Fair; Singapore Exhibition & Convention Bureau; ufi Approved Event

Held in: Uniquely Singapore www.visitsingapore.com

Official Airline: Singapore Airlines

AN ALLWORLD EXHIBITIONS EVENT

Kualitas dari AB-COM

Kualitas tinggi dan harga terjangkau – itulah pernyataan misi dari pabrikan receiver AB-COM yang mulai masuk ke pasaran pada tahun 2005 dengan receiver berbasis Linux. Receiver SD 200S merupakan keberhasilan sejak itu dan masih tetap dijual dalam jumlah besar hingga kini, karena mendapat peringkat sebagai salah satu receiver berbasis Linuk terbaik yang tersedia di pasaran. Managing Director perusahaan ini Juraj Masaryk menceritakan sejarah AB-COM dan tinjauan masa depannya perusahaan ini.

■ Gedung AB-COM di Slovakia. Salah satu truk pengantar terlihat di bagian depan.

TELE-satellite World www.TELE-satellite.com/...

Download this report in other languages from the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0905/ara/abcom.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0905/bid/abcom.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0905/bul/abcom.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0905/ces/abcom.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0905/deu/abcom.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0905/eng/abcom.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0905/esp/abcom.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0905/far/abcom.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0905/fra/abcom.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0905/hel/abcom.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0905/hrv/abcom.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0905/ita/abcom.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0905/mag/abcom.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0905/man/abcom.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0905/ned/abcom.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0905/pol/abcom.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0905/por/abcom.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0905/rom/abcom.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0905/rus/abcom.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0905/sve/abcom.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0905/tur/abcom.pdf

Available online starting from 27 March 2009

Sejujurnya, AB-COM telah merayakan ulang tahun ke-20 pada tahun ini, namun perusahaan ini telah melalui perubahan yang cukup berarti dan pada kenyataannya di tahun 1992 merupakan permulaan bagi AB-COM sebagai perusahaan satelit.

Hingga saat itu AB-COM menjadi penyalur komputer PC yang didirikan oleh dua rekanan. Sejak tahun 1992 Juraj Masaryk bergabung. Sebelumnya dia adalah manager penjualan dan pembelian di perusahaan penyalur satelit, namun memutuskan untuk mengimplementasikan idenya pada satu tahap. Juraj Masaryk pada awalnya menerima 25 persen saham dari rekanan AB-COM dan memulai karirnya di perusahaan ini dengan mengembangkan bisnis perusahaan dengan menyertakan komponen

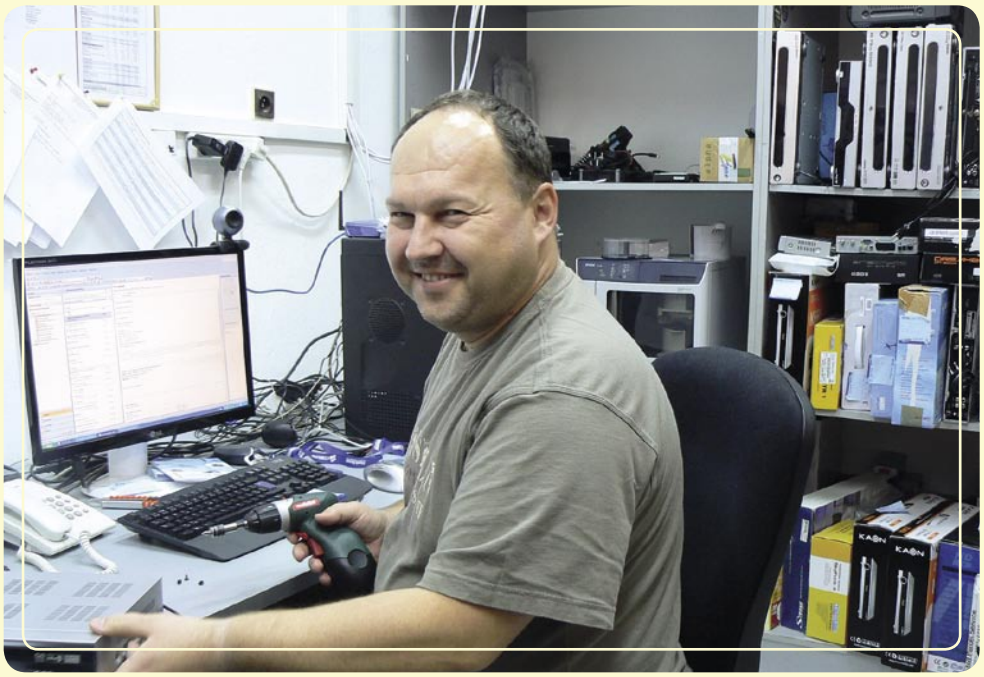
Juraj Masaryk adalah insinyur terpilih dan menjalankan AB-COM sebagai managing director. Di banyak tempat dia menyebut dirinya manager penjualan dan pembelian dan dia secara konstan mengidentifikasi cara untuk mengoptimalkan proses bisnis. Di sini tampak dia sedang menunjukkan struktur organisasi untuk 29 anggota staff AB-COM. "Beberapa karyawan mencakup beberapa wilayah tanggung jawab dan struktur organisasi menunjukkan berapa banyak waktu yang mereka investasikan pada berbagai tugas," Juraj menjelaskan. "Setiap minggu seluruh laporan kegiatan dikumpulkan dan dievaluasi." Dengan struktur organisasi yang pintar ini AB-COM ditempatkan dengan baik untuk pertumbuhan masa depan.

■ **Tampak bagian toko AB-COM. Kosumen eceran bisa membeli komponen satelit di gedung AB-COM. Manager penjualan Peter Hrnko adalah salah seorang dari lima anggota staff di toko dan tampak di sini menunjukkan receiver AB-COM. Jika produksi receiver satelit menghasilkan 70 persen dari total turnover, AB-COM juga menyalurkan 3.000 receiver ke agen di Slovakia dan Republik Chech dengan seluruh komponen satelit tambahan.**

satelit. Untuk tahap permulaan, AB-COM menawarkan komponen MMDS untuk televisi terestrial, yang merupakan salah satu segmen yang masih ada hingga kini, namun sedikit atau kurang signifikan bagi keseluruhan pasaran.

Saat ini Juraj Masaryk memiliki 60 persen saham AB-COM, dengan dua rekanan menjadi tidak aktif dan menyerahkan bisnis sehari-hari kepada Juraj. "AB-COM sekarang berfokus pada receiver satelit saja," Juraj Masaryk menceritakan. Di sinilah dia melihat masa depan yang potensial dan di sinilah dia mengimplementasikan idenya. Pada mulanya AB-COM mengimpor receiver dari beberapa pabrikan, "namun kinerjanya tidak begitu memenuhi standar saya," kenang Juraj Masaryk. "Saya ingin melihat visi saya menjadi kenyataan."

Tetapi, hal ini masih saja satu dari beberapa motivasi untuk menjadi pabrikan receiver. "Saya selalu percaya bahwa Linux akan menjadi pasangan hebat bagi receiver satelit," kata Juraj



■ **Bahkan dengan uji kualitas paling ketat, maka Anda tidak akan pernah menghindari keperluan untuk perbaikan. Rene Hubinsky adalah salah seorang dari empat insinyur peranti lunak.**

SPAUN™

www.spaun.com Quality made in Germany

SPAROS 609

Professional SAT-/TV-signal analyzer.

NEW

DVB-T, DVB-C, DVB-S and DVB-S2 and analogue R/TV-signals compatible.

- Signal level C/N, BER, MER, UNC
- 16:9 Widescreen LCD color display
- Monitoring of all MPEG 2 FTA and analogue terrestrial programs
- very fast and accurate spectrum analysis
- CheckSAT function for an easy and quick SAT-antenna mounting

Byk-Gulden-Str. 22 · 78224 Singen

Phone: +49 (0)7731 - 8673-0 · Fax: +49 (0)7731 - 8673-17

Email: contact@spaun.com · www.spaun.com

Masaryk dan dia mengambil keuntungan dengan yang ditawarkan oleh Linux untuk menempatkan idenya dalam praktek. Salah satu alatnya adalah peranti lunak receiver yang dikembangkan sendiri oleh insinyur AB-COM. "Peranti lunak untuk receiver SD telah dikembangkan sepenuhnya, dan untuk model HD sedang dalam tahap penyelesaian akhir." Di masa mendatang, receiver HD dari AB-COM akan dilengkapi dengan versi Enigma HD AB.

Yang ketiga dan – terakhir – argumen penting untuk memroduksi receiver AB-COM adalah kata Q yang terkenal. "Kualitas adalah pusat perhatian kami," kata Juraj, tetapi bagaimana Anda bisa menjamin kualitas tersebut tetap tinggi? Biasanya, Juraj menemukan satu solusi untuk hal itu juga: Komponen didapatkan dari pabrikan Korea yang disebut SKD (suku cadang semi knock down), dirakit oleh AB-COM dan diuji tersendiri.

Juraj menunjukkan label di belakang receiver AB-COM: "Anda bisa baca di sini: Telah Diuji di Uni Eropa." Ini adalah cara AB-COM menjamin bahwa setiap produk dioperasikan sesuai dengan standar perusahaan. Namun tidak berhenti pada produksi. Ke mana sebenarnya receiver AB-COM dijual? Tomáš Kopecký adalah manager penjualan untuk Eropa dan menceritakan bahwa "di seluruh negara-negara Eropa kami bekerja sama dengan penyalur domestik." Dengan bantuan bantuan peta dunia Tomáš dengan bangga menambahkan "kami bahkan juga hadir di Amerika Utara."

Tentu saja masih terdapat beberapa titik putih di atas peta, seperti Perancis, Portugis, Turki, Inggris dan Afrika Utara. "Kami masih mencari penyalur untuk pasar di wilayah tersebut," Tomáš melanjutkan "Saya sedang mencari penyalur di negara-negara tersebut." Juraj menjelaskan bahwa "tentu saja kami bisa mengadaptasi receiver kami dengan kebutuhan pasaran tertentu. Saat ini kami sedang memiliki proyek untuk pasaran di Ukraina."

"Saat ini sekitar 30 persen dari penjualan dihasilkan dari receiver SD, dengan mayoritas 70 persen dari receiver HDTV." Melihat keberhasilan model AB-COM 200S Tomáš menjelaskan bahwa "dari sudut pandang ekonomi yang ketat, ini adalah produk terbaik kami: yang menawarkan kualitas tinggi dengan seluruh fitur yang diperlukan pada harga yang terjangkau." Juraj menambahkan "hal inilah mengapa kami benar-benar sedang bekerja untuk meluncurkan model HD mengikuti konsep yang sama."

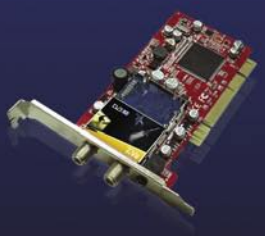
Tampak bagian perakitan: di sinilah tempat perakitan untuk komponen yang diperoleh dari luar yang dilakukan oleh 16 karyawan hingga menjadi receiver AB-COM yang diuji kinerjanya secara terpisah.

Manager Gudang Michal Valent sedang sibuk menyimpan receiver AB-COM yang baru diselesaikan di gudang dan mempersiapkannya untuk pengiriman.

TeVii · DVB-S2 Family for HD ·

TELE SATELLITE AWARD & BROADBAND 12-01/2009
TEVII S650 – DVB-S2 USB BOX
Compact HDTV receiver for PC or laptop computer with comprehensive software

R500 USB Card Reader



S460 S2 PCI

S650 S2 USB

NEW

S660 S2 USB

NEW

S470 S2 PCIe

- Now Available on DVBShop
  www.dvbshop.net
- **Distributors Wanted**
- Please contact matthias@tevii.com
  www.tevii.com

-DVB-S2 (AVC/H.264) HDTV Ready
-Plug-in Support for Card Reader
-Vista 32/64 bit & Linux driver Support
-Satellite Internet Ready
-3rd Party Software (ProgDVB / MyTheatre / DVBViewer ..) Ready

PLANETSKY · BATGATE · SpectrumSat · SPACEGATE · OPEN-SKY · broadsat · CTB · SkyDSL · RADUGA INTERNET · SATCONXION · SKY FI

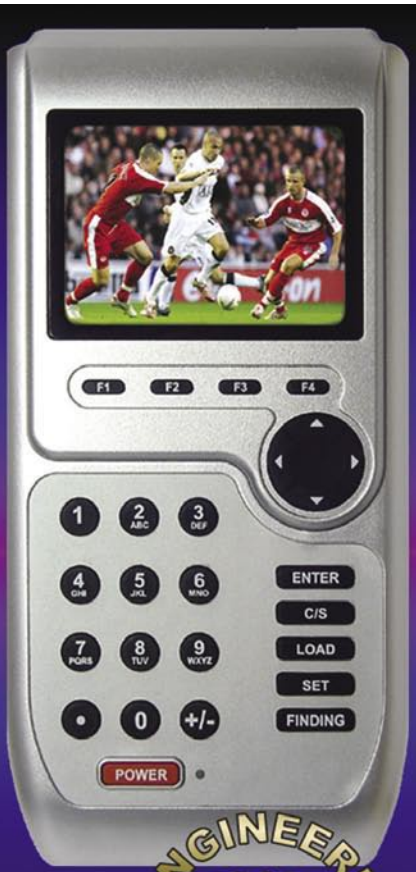
SATCATCHER

DIGITAL SATELLITE METERS

THE FUTURE.... TODAY!

UNIQUE SATELLITE LISTING.
VERY HIGH BUILD QUALITY.
HIGH POWER BATTERY.
VERY LIGHT AND PORTABLE.
LCD TV FUNCTION.
WATCH THE CHANNELS.
SPECTRUM ANALYZER.
FULL KIT INCLUDED.
SATELLITE MOTOR CONTROL.
DISEQC SWITCHING.
EASY TO EDIT BY HAND.
2 YEAR WARRANTEE.(1 yr Battery)
VERY EASY TO USE.

DIGIPRO II
DIGIPRO III
DIGIPRO IIIs
DIGIPRO EXCEL-TV
DIGIPRO T MAX
DIGIPRO Q MAX
DIGIPRO ST COMBO



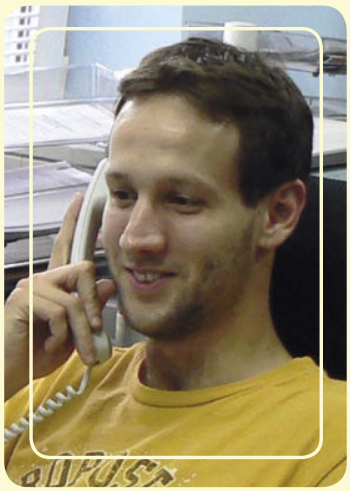
HIGH QUALITY ENGINEERING
USALS
HQ

SatCatcher Ltd. Unit 7 Salvesen Way
Freightliner Road , Hull , East Yorkshire
United Kingdom. HU3 4UQ
0044(0)1482 221577

WWW.SATCATCHER.COM

■ Manager Penjualan Radovan Cifra menangani konsumen agen besar di Slovakia.

■ Halo Juraj adalah Manager Penjualan untuk konsumen agen besar di Republik Czech.



■ Manager Penjualan untuk Eropa yaitu Tomas Kopecky adalah tujuan kontak untuk distributor di luar Slovakia dan Republik Czech. ”Kami akan lebih gembira untuk menerima distributor baru dari negara lain dalam jaringan kami!”

■ Juraj Bobula menangani konsumen agen besar di Slovakia.

Pada saat Anda memegang edisi ini, peluncuran produk tersebut sedang berlangsung dan produk akhirnya diharapkan sangat kecil, dengan fitur pembaca kartu serta sistem operasi Enigma HD AB.

“Untuk tahun finansial 2009 kami mengharapkan peningkatan penjualan untuk receiver HD hingga mencapai 80 persen, serta pada tahun 2010 menjadi 90 persen,” Tomáš menunjukkan proyeksi penjualan untuk tahun mendatang. “Receiver AB-COM 350 Prime, misalnya, hadir dengan tuner yang bisa ditukar dan menjadi favorit bagi penyedia TV kabel,” Juraj menyampaikan pengembangan lainnya.

DVB-C hanya salah satu dari beberapa fokus AB-COM. Juraj bahkan melihat lebih jauh ke depan ketika dia menemukan bahwa “segera setelah proyek Enigma HD AB diselesaikan, insinyur peranti lunak kami akan mengembangkan Enigma IPTV AB.”

Juraj Masaryk bisa lebih gembira dengan cara bisnis yang dikembangkannya. “Dari tahun 2007 hingga 2008 kami mampu membuktikan bahwa hampir 30 persen peningkatan turnover, dan kenaikan untuk tahun 2009 diharapkan mencapai 20 persen,” Juraj dengan bangga menyatakan setelah melakukan beberapa klik pada aplikasi bisnis perusahaannya.

“Total turnover hampir mencapai sepuluh juta Euro pada tahun 2008, dan tentu saja tingkatan ini akan dilampaui pada tahun 2009,” Juraj melanjutkan dengan optimis dan juga menginformasikan kepada kami bahwa gedung perusahaan yang baru sedang dibangun. “Dengan cara ini akan cukup ruangan untuk pengembangan di masa mendatang!”

■ Juraj Masaryk adalah pehobi satelit sejati – bahkan ketika dia sedang tidak bekerja. Di sini terlihat dia berada di balkon rumahnya berdiri di dekat antena piringan multi-LNB.

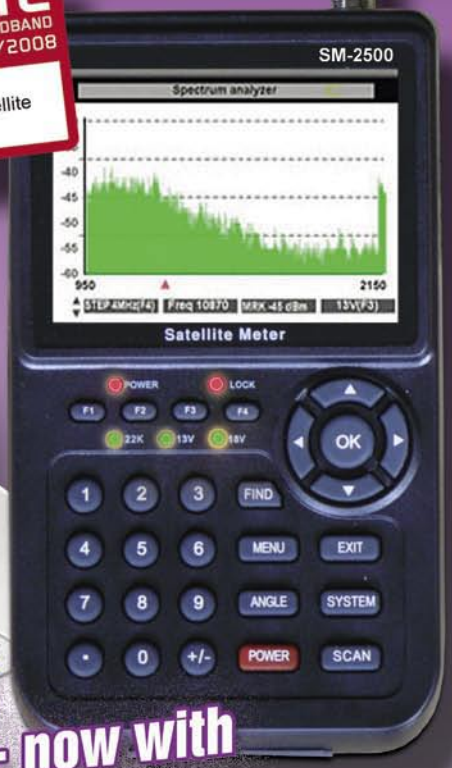
Satu hal yang pasti: AB-COM suka membuat rencana. Dan hal ini berarti bahwa masa depan ditajamkan dengan aktif. Inovasi bertemu kualitas – semuanya dari satu sumber tunggal.

Terdengar seperti resep yang tidak terkalahkan bahkan untuk sukses yang lebih besar.

Trimax SM-2500

TELE SATELLITE AWARD & BROADBAND 06-07/2008

TRIMAX SM2200
An ideal tool for any satellite system installer



NEW - now with "Spectrum Analyzer"

$499 US
Direct Sales Price

Payment by PayPal, Visa, MC

PayPal VISA MasterCard

Order HERE:
www.easytrimaxmeters.com
phone: 1.204.661.EASY
email: trimaxmeters@mts.net

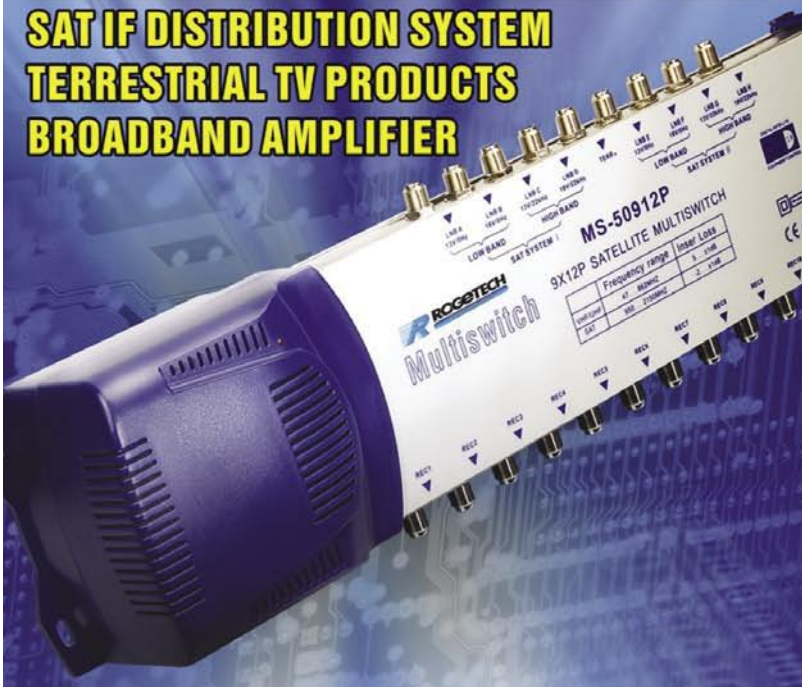
ROGETECH Communication

CE 2002/95/EC RoHS COMPLIANT

Bring qualified signal for you

SAT IF DISTRIBUTION SYSTEM SILVER SERIES

SAT IF DISTRIBUTION SYSTEM
TERRESTRIAL TV PRODUCTS
BROADBAND AMPLIFIER



MANUFACTURER REAL

ROGETECH COMMUNICATION TECHNOLOGY CO., LTD.
111# GE Road, New Industrial Zone, JIAXING, CHINA
Tel: 86-573-86161178
Fax: 86-573-86161298
Email: sales@rogetech.com
www.rogetech.com

■AB-COM melakukan pelatihan yang berkelanjutan: satu kali setahun para agen penyalur dibekali dengan perkembangan terkini dalam suatu seminar. Acara 1-hari ini dibiayai oleh AB-COM dan memberi kesempatan untuk saling kenal bagi agen penyalur dengan AB-COM.

Manager Servis Martin Durinsky ■ menggunakan seminar sebagai landasan untuk mendemonstrasikan fitur baru receiver AB-COM.

AB-COM akan pindah ke bangunan baru ini pada tanggal 1 Oktober 2009 – foto ini menunjukkan gambar arsitek. “Bangunan yang ada sekarang ini sudah tidak memadai,” Juraj menjelaskan. Tim konstruksi sedang bekerja untuk kapasitas sehingga toko produksi dengan langit-langit 6-meter dan sayap ■perkantoran akan diselesai segera.

TELE-satellite Magazine in North America

Exciting New Product Reviews
Revealing Company Profiles
Latest Transponder Listings
Keep in Touch with
Global Satellite Developments

Subscription to
TELE-satellite
Hard Copies
*1 Year: US$**99***
*2 Year: US$**185***

Your Direct Subscription Link
in the USA:
https://www.tele-satellite.com/secure/usa/
in Canada:
https://www.tele-satellite.com/secure/can/

Topfield Merk Premium

Alexander Wiese

Topfield telah mapan sebagai pemain di pasar receiver satelit kelas atas sejak beberapa tahun lalu. TMS super box yang baru ini akan lebih memperkuat posisi Topfield di pasaran kualitas tinggi. TELE-satelit ingin menelaah lebih jauh tentang strategi masa depan perusahaan ini dan kami berbicara dengan Dong Hoon Suk dari tim pemasaran Topfield.

Secara keseluruhan Topfield memiliki lebih dari 200 model receiver satelit yang dibuat untuk memenuhi pasaran yang berbeda. Namun tentu saja eksekutif perusahaan ini mengetahui bahwa hanya

Manager Pemasaran Dong Hoon Suk berdiri di depan ruang pamer receiver Topfield.

TOPFIELD

VIEWSAT

INTRODUCING THE #1 RATED FTA RECEIVER IN NORTH AMERICA

The new Max HD

1-888-VIEWSAT

WWW.VIEWSATUSA.COM

Dual Tuner HD **COMING SOON!**

Ultra Lite

Ultra

HD9000

170 anggota staff dipekerjakan oleh Topfield di gedung kantor berlantai tujuh ini di selatan Seoul. 100 karyawan bekerja di bagian peranti lunak dan keras, sedangkan 70 staff di bagian administrasi, penjualan dan pemasaran. Pabrik sebenarnya berlokasi di luar kota Seoul. Beberapa antena satelit terpasang di atap gedung ini, yang dimiliki oleh Topfield. ■

TELE-satellite World www.TELE-satellite.com/...

Download this report in other languages from the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0905/ara/topfield.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0905/bid/topfield.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0905/bul/topfield.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0905/ces/topfield.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0905/deu/topfield.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0905/eng/topfield.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0905/esp/topfield.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0905/far/topfield.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0905/fra/topfield.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0905/hel/topfield.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0905/hrv/topfield.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0905/ita/topfield.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0905/mag/topfield.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0905/man/topfield.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0905/ned/topfield.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0905/pol/topfield.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0905/por/topfield.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0905/rom/topfield.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0905/rus/topfield.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0905/sve/topfield.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0905/tur/topfield.pdf

Available online starting from 27 March 2009

PASAT ANTENY

SATELLITE AND COMMUNICATION ANTENNAS

www.sat.bg online shop

- solid
- aluminium
- prime focus

PASAT ANTENY

BULGARIA
tel: +359 350 63911; +359 350 66311
fax: +359 350 64011
e-mail: sales@pasat.bg; www.sat.bg

合揚科技股份有限公司
MICROELECTRONICS TECHNOLOGY INC.

Please Join Us at

ANGACable
Trade Fair for Cable, Broadband and Satellite

Hall 10.2, Booth #K61
May 26-28, 2009

UNIVERSAL RANGE

Low Phase Noise & High Gain • Full Ku-Band Coverage • Low Power Consumption

29,rue de Luxembourg L-8077 Bertrange Luxembourg.
E-tronix
Tel: +352 26 44 02 60
Fax: +352 26 44 02 61
info@e-tronix.lu

Microelectronics Technology Inc.
No. 1 Innovation Road II, Hsinchu Science Park
Hsinchu 300, Taiwan. R.O.C.
Tel: +886 3 577 3335
Fax: +886 3 5770936
sales_contact@mti.com.tw
www.mti.com.tw

jumlah receiver satelit yang banyak bukan merupakan indikator keberhasilan. "Kami harus membuktikan bahwa kami mampu mencapai kinerja tertinggi," Dong Hoon Suk menjelaskan strategi Topfield. "Dengan kehadiran TMS kami tidak saja menunjukkan kualitas teknis yang bisa kami capai, tetapi juga kegunaan pada tingkatan baru." Hal ini akan menjadi tingkatan yang sangat tinggi dengan kemungkinan yang saat ini hanya ada di imaginasi. "TMS juga bisa digunakan untuk layanan komersil," Dong Hoon Suk menambahkan, "dan menghubungkannya ke Internet memungkinkan untuk menggunakan aplikasi yang benar-benar baru dan meningkatkan kegunaan receiver satelit dengan cara yang dramatis." Karena TMS merupakan produk terkini dari Topfield, maka hanya akan diluncurkan di pasar tertentu terlebih dahulu. "Jerman merupakan salah satu sasaran utama, diikuti Belanda, Belgia, dan Swiss," Dong Hoon Suk melanjutkan. "Permintaan konsumen di pasaran ini lebih besar." Apa yang mengejutkan kami adalah bahwa Topfield juga menawarkan TMS di Rusia: "Kami percaya permintaan TMS akan sangat kuat di sana," Dong Hoon Suk berargumentasi.

■ Manager produk TMS Jimmy Lee menunjukkan koneksivitas yang inovatif pada TMS.

■ Matt Jeon bukan hanya perancang TMS, tetapi juga pemimpin tim yang terdiri dari delapan insinyur peranti lunak yang bekerja mengembangkan dan terus memperbaiki peranti lunak TMS.

■ Pemimpin redaksi TELE-satelit Alexander Wiese diharapkan oleh Topfield untuk presentasi tentang TMS.

Jimmy Lee adalah manager produksi yang bertanggung jawab atas TMS. Tugasnya adalah mengkoordinasikan insinyur peranti lunak dengan insinyur perangkat keras dan produksi dan mendiskusikan fitur-fitur yang diperlukan pada receveir super yang baru ini, dengan departemen pemasaran. Dia menunjukkan beberapa rincian produksi yang sudah direncanakan: "Kami akan memasuki pasaran dengan volume 3.000 receiver TMS," Jimmy Lee menjelaskan, "sehingga kami bisa mengevaluasi reaksi pasar."

Pasar yang berbeda bahkan akan melihat variasi yang berbeda dari TMS. "Contohnya, jenis permainan yang telah terprogram akan berbeda," Jimmy Lee melanjutkan. "Web browser yang terprogram dalam TMS dan hanya bisa digunakan untuk mengakses layanan tertentu saja, dan akan menjadi browser penuh pada kuartal kedua tahun 2009," Jimmy Lee menunjukkan tahapan selanjutnya tentang pengembangan peranti lunak untuk TMS.

Akhirnya, kami ingin mengetahui bagaimana ide TMS ini muncul pertama kali. Yaitu dimulai dari pengembang peranti lunak Matt Jeon, yang hadir dengan konsep untuk receiver multimedia ini pada bulan Februari 2008. Dia menyusun tim yang terdiri dari delapan insinyur peranti lunak yang membuat prototip pertama pada bulan Agustus 2008. Tim TMS ini dikarantina sepenuhnya dari perusahaan dan menjalan bisnisnya secara rahasia. Setelah prototip pertama dibuat dan diperkenalkan pada orang dalam dan distributor skala besar. Masyarakat umum akan bisa mendapatkan TMS untuk pertama kalinya di pameran ANGA tahun ini.

TMS ini dibuat di Korea dan merupakan senjata bagi Topfield untuk menampilkan kemampuan receiver satelit mereka. Sekali lagi Topfield menawarkan bukti nyata bahwa slogan mereka 'Pelopor Multimedia' tetap dipertahankan dan menunjukkan bahwa setiap hari Topfield bekerja menuju teknologi yang sempurna.

Send you to Hong Kong

Visit us at

ANGA Cable
Trade Fair for Cable, Broadband and Satellite

Stand K19

Try GT-SAT LNB'S and win a Trip to the HONG KONG ELECTRONIC Fair in October 2009*

Just fill out the coupon below with your company's details and return to us by e-mail or conventional post.
Upon receipt, we will send you participation terms and conditions.

All coupons received before the 15th of May 2009 will receive a free invitation to Anga Exhibition 2009 (Koln Germany) where a free LNB could be obtained from our stand.

*Limit participation date: 31/07/09
* 1 coupon per company and per person

I would like to receive:

- ❒ Free invitation to Anga Exhibition
- ❒ Terms and conditions to win the HONG KONG trip

GT-SAT INTERNATIONAL s.a.r.l
16 rue Millewee
L-7257 Helmsange / Walferdange
LUXEMBOURG
Tel: +352 264 322 03
Fax: +352 264 322 04
info@gt-sat.com
www.gt-sat.com

Company name: .....
Contact name: .....

Complete address:.....
.....
.....

Country: ..... Zip Code: .....
Tel: .....
Fax: .....
Email: .....
Website: .....

Worldwide Satellites in Toronto

Satellite business in a franchise system. This is the concept that Nick Aquino from Worldwide Satellites in Toronto, Canada follows. Satellite business based on a franchise system? What exactly does this mean? We wanted to know so we made our way to Mississauga. This city is right next to Toronto and is also the home of Toronto's Pearson International Airport.

Right next to the airport Nick Aquino, along with his girlfriend and business partner Connie Falleta, leased an office with a warehouse. The name on the sign turns out to be GTA Electronics. Nick had this to say about that: "You could say that GTA is our first franchisee; there's a second one in California in the USA."

We wanted to find out more and asked Nick when this all started. Nick explains: "In 2001 I started with my first satellite antenna and already in 2003 I became independent together with my girlfriend Connie." That's when the company Worldwide Satellites came into being. "We get most of our orders from our web site www.worldwidesatellites.com", on which he also advertises for his company, "In our first full business year (2004) we managed to turn over 12,000 satellite receivers."

But things only got better: in just four years receiver sales increased tenfold. "In 2008 it was 120,000 boxes", revealed Nick very proudly. With these many receivers sold, why didn't Nick start up his own receiver

Nick Aquino is President of Worldwide Satellites. Here in the stockroom he shows us one of EMP's multiswitches that Worldwide Satellites distributes in large numbers in North America. "With EMP alone we have yearly sales of $1 million", reveals Nick.

GTA Electronics can be found here in this office complex as a satellite dealer for end users and Worldwide Satellites as a satellite wholesaler. Pearson International Airport is located roughly 1 km behind the office.

Microwave Filter Company, Inc.

Satcom Filters & Components

Downlink & Uplink Filters in the C, X, Ku, K and Ka bands for commercial & military use

6743 KINNE STREET, EAST SYRACUSE, NY (USA) 13057
Tel: (315) 438-4700
Fax: (315) 463-1467
E-Mail: mfcsales@microwavefilter.com

RoHS Compliant

An ISO 9001:2000 Registered Company

www.microwavefilter.com

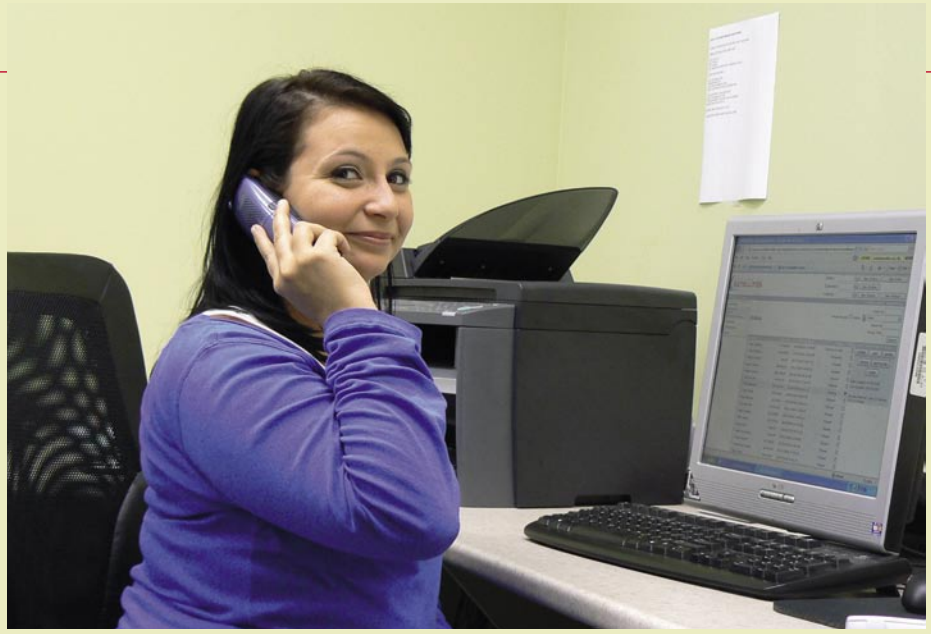
VSAT TVRO ANTENNA SYSTEM

Intelsat /GVF Type Approved

AZURE SHINE INTERNATIONAL INC.

No. 1000, Gwang Fu Road, Pa Teh City, Taoyuan, 33455 Taiwan, R.O.C.
Http:// www.azureshine.com.tw/ E-mail: azure.shine@azureshine.com.tw
Tel: 886-3-3611393 Fax: 886-3-3615877

AZURE ✦SHINE



■ **If you call Worldwide Satellites, you'll end up with the always friendly voice of Tanya Shipman.**

series? "I thought about it", concedes Nick, "but the advantages also came with quite a few disadvantages." In the end, he is happy with the situation in which he works very closely with every satellite receiver manufacturer for the North American market, including SonicView. Their model SV-360 Elite PVR was recently introduced by TELE-satellite.

We also wanted to know more about this franchising system. Nick explains: "Every Worldwide Satellites franchisee profits from our market experience. We deliver the products, naturally at a reasonable price, and the franchisee is guaranteed that these products will find their way to end users."

Worldwide Satellites focuses only on FTA receivers and also offers LNBs and multiswitches of every size. "We get our switches from EMP", comments Nick. Satellite dishes are also available but shipping costs play a very large role here so in most cases Nick lets local dealers care about dishes. "Of the dishes that we do sell, 50% of them are Multisat antennas with which up to five satellites can be received", explains Nick, "The most popular satellite positions would be 91° west, 101° west, 110° west and 119° west. Customers also ask about the 82° west position and I am experimenting with a solution to receive a sixth position at 129° west."

Worldwide Satellites with its seven employees supplies products as a wholesaler to about 50 satellite dealers in Canada and an additional 10 in the USA. If the franchise concept catches on, these numbers should definitely increase!

Customers simply can't say no when dealing with Andrea Falleta (left) and her sister Connie Falleta (right). Connie Falleta is President of GTA Electronics and sells products in this store to end users. ■

CREATE THE BEST SOLUTION.

SHOW IN ACTION.

TEACH HOW TO USE.

BUILDING CITY OF THE FUTURE TOGETHER!

EEBC 2009

Telecom & Broadcasting

7-th Eastern Europe exibition and conference in telecommunications and broadcasting

SOON!!!!

- **March**
  International conference "Digital broadcasting technologies of TV content: on the way to 2012. Ukraine and Poland: results, plans and reality".
- **May**
  During the day of cable television in Ukraine
  International conference "Digital video broadcasting in multiservice networks".
- **June**
  Workshop "Our television".

www.eebc.net.ua

EQUIPMENT, TECHNOLOGY AND SOLUTIONS FOR:

- DIGITAL BROADCASTING
- BROADBAND MULTISERVICE NETWORKS
- VIDEO CONTENT PRODUCTION

EEBC 2009

Telecom & Broadcasting

7-th Eastern Europe exibition and conference in telecommunications and broadcasting

INVITATION

tickets sponsors:

irdeto

sat systems

21-23

OCTOBER | KIEV, UKRAINE

"KievExpoPlaza"

TechExpo

Organizer:
"TECHEXPO" (Ukraine)
tel./fax: +38 044 5010209
email: info@eebc.com.ua
http:// www.eebc.net.ua

Aluo-sat Kenal Siapa Saja!

Seseorang yang aktif di bidang satelit di China akan menemui Luo Shi Gang cepat atau lambat. Tidak hanya karena dia menyalurkan majalah TELE-satelit di China untuk eberapa tahun, tetapi juga karena dia adalah figur yang high-profile di bidang satelit lainnya. Ssejak negeri China menasuki masa DTH pada tahun 2009 sekarang menjadi saat yang tepat untuk mengunjungi Luo Shi Gang di kantornya di Shenzhen.

Luo memberi nama perusahaannya Aluo-sat untuk alasan yang sederhana: dalam dialek Kanton di China bagian Selatan awalan 'a' sering ditambahkan di depan nama depan seseorang. Sehingga Luo menjadi Aluo.

Sebenarnya, Luo berasal dari Sichuan di China bagian baratdaya. Dia kuliah di bidang elektrik dan mendapatkan pekerjaan pertamanya di perusahaan komponen elektronik untuk militer negeri China di kota Lanzhou di bagian baratlaut. Perusahaan tempatnya bekerja juga memroduksi peralatan satelit di samping barang-barang lainnya.

Pengalaman penerimaan satelit bagi Luo untuk pertama kalinya adalah ketika dia berhasil menerima sinyal dari EKRAN

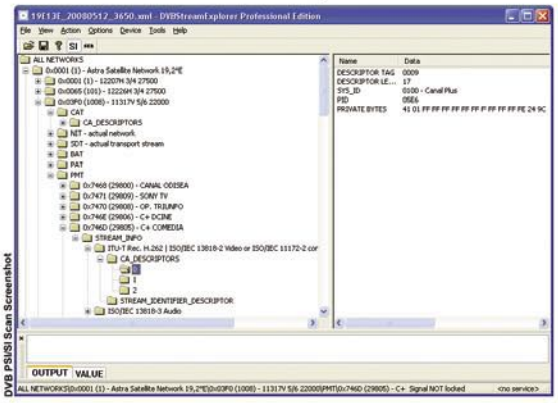
Anggota Aluo-Sat Lou Jun (kiri) dan Luo Shi Gang (kanan) di atas atap. Kenapa Luo Shi Gang memilih lantai paling atas untuk kantornya? Anda mungkin bisa menduganya: dia ingin memastikan kabel antara antena piringan dan receivernya sedekat mungkin. Kenapa terdapat tembok pelindung? Penerimaan satelit masih dilarang di China dan dengan cara ini antena Luo tidak akan terlihat dari luar. Pada gambar ini terlihat dua antena piringan C-band – yang di belakang terpasang motor, yang di depan tetap.

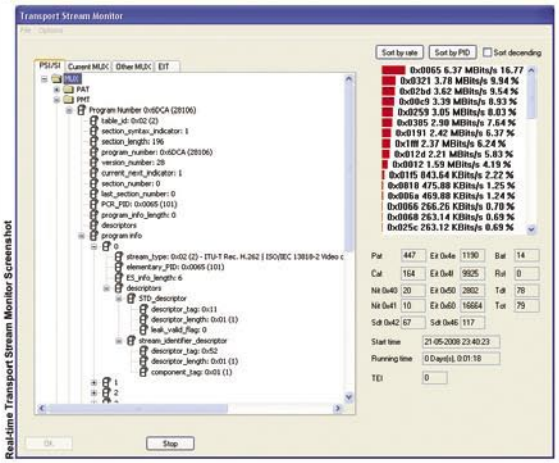
DVB StreamExplorer™

MPEG2/DVB Transport Stream Analyzer

Feature Summary

- MPEG2/DVB/ATSC PSI/SI/PSIP scanning
- DVB DSMCC scanning
- DVB MPE scanning
- Real-time Transport Stream Monitor
- Supports most BDA compatible devices and specific non-BDA devices*
- Stream demuxing and capturing to disk
- TeleText Analyzer
- Service Player
- Saving of collected information as text/CSV





DVB PSI/SI Scanning

- Scanning of PSI/SI information as defined in ISO13818-1 and EN 300 468.
- Parsing of PAT, CAT, BAT, NIT, SDT, EIT, TDT, TOT, RST, AIT (MHP), PMT and INT tables, including most descriptors.
- Display SI information in tree/list view.
- Unattended scanning of multiple MUXes, i.e. multiple transponders on multiple satellites.

DVB Service Viewer

- View DVB service information of collected PSI/SI data.
- Organize service view by satellite position, network ID, provider and alphabetic.
- Apply filter to easily locate services with interesting properties, such as MHP, AC3 and H.264 streams.

ATSC PSI/PSIP Scanning

- Scanning of PSI/PSIP information as defined in tables defined in ISO13818-1 and A/65C.
- Parsing of SST, MGT, TVCT, CVCT, RRT, EIT, ETT, DCCT and DCCSCT tables, including most descriptors.

DVB DSMCC scanning

- Scanning of DVB DSMCC data- and object carousel's as defined in ISO13818-6 and EN 301 192.
- DSMCC is used for distribution of i.e. MHP applications.
- Parsing of DSMCC sections.
- View information about DSMCC data-carousels.
- View information about DSMCC object-carousels.
- Saving of DSMCC data- and object carousels files. Object carousels are saved with original directory/file structure.

DVB MPE scanning

- Scanning of DVB MultiProtocol Encapsulation (MPE) as defined in ISO13818-6 and EN 301 192.
- Scan for active MAC addresses on MUX.
- Scan for active IPV4, IPV6, TCP and UDP endpoints.

Real-time Transport Stream Monitor

- Full parsing of PAT, PMT, CAT, NIT, SDT, BAT, TOT, TDT and EIT PSI/SI tables.
- Summary of services on current MUX including key parameters.
- Summary of services on other MUXes.
- Logging of MPEG2 A/V, H.264 and AC3 elementary stream key parameters.
- List of MUXes from NIT including key parameters.
- Summary of CA (EMM/ECM) information including key parameters.

... and much more!**

* For a list of supported devices please visit our website at www.dvbstreamexplorer.com.
** Specific features are only available in DVBStreamExplorer Professional Edition.

Download your free trial today from www.dvbstreamexplorer.com

SUN CREATE

SHANGHAI STOCK EXCHANGE LISTED COMPANY
(600990)

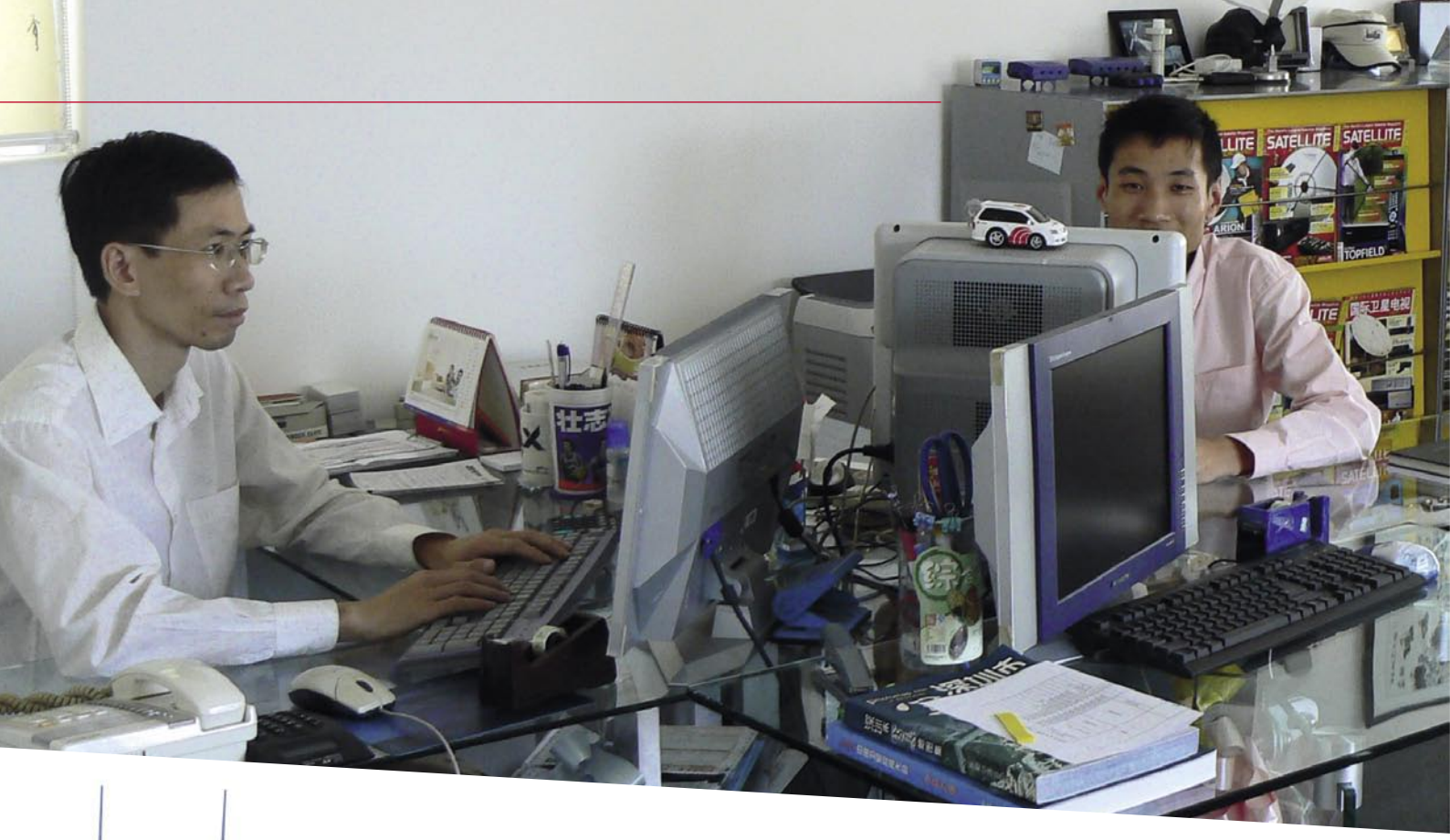
KU BAND LNBF
SINGLE
TWIN
QUAD
QUATTRO
OCTO
MONOBLOCK
LINEAR
CIRCULAR

YOUR PROFESSIONAL
LNB SUPPLIER
SINCE 1993

C BAND LNBF
SINGLE
TWIN
V/H

MMDS DOWN CONVERTER
INTEGRATED
YAGI

ANHUI SUN CREATE ELECTRONICS CO.,LTD.
NO.199,XIANGZHANG STREET,HI-TECH INDUSTRIAL
DEVELOPMENT ZONE,HEFEI,ANHUI,P.R.CHINA
TEL:+86-551-5391363/5391372 FAX:+86-551-5391304
EMAIL:LNBSALES@SUN-CREATE.COM WWW.SUN-CREATE.COM



di 99° BT, yang dipancarkan dalam rentang UHF di 714 MHz dari Rusia pada waktu itu.

Sejak saat itu dia tertambat pada penerimaan satelit. Dia segera memulai menulis artikel untuk mingguan 'Electronics Newspaper' yang pada saat itu merupakan satu-satunya publikasi yang ada untuk topik teknologi satelit. Jumlah kontribusinya semakin bertambah dan pekerjaannya juga melibatkan pertemuan dengan pehobi satelit. Akhirnya, pada tahun 1995 dia memulai bisnya sendiri: "Bersama istri, saya mendirikan Aluo-sat di Shenzhen pada tahun 1995." Selain pekerjaannya sebagai jurnalis teknis dia juga mulai bekerja sebagai konsultan.

Saat ini dia memiliki tujuh karyawan: "Istri saya bertugas di akunting, tiga insinyur untuk menangani permintaan teknis, satu karyawan menjalan toko satelit di Hong Kong dan satu orang menangani penjualan dan penyaluran."

Aluo-sat juga mulai menyalurkan produk dari pabrikan berkualitas seperti Changhong untuk TV digital terestrial TV (DMB-TH), saluran yang dipancarkan dari Hong Kong namun juga bisa diterima dengan baik di Shenzhen.

"Kami melayani pengguna akhir sama

TELE-satellite World www.TELE-satellite.com/...

Download this report in other languages from the Internet:

Arabic	العربية	www.TELE-satellite.com/TELE-satellite-0905/ara/aluosat.pdf
Indonesian	Indonesia	www.TELE-satellite.com/TELE-satellite-0905/bid/aluosat.pdf
Bulgarian	Български	www.TELE-satellite.com/TELE-satellite-0905/bul/aluosat.pdf
Czech	Česky	www.TELE-satellite.com/TELE-satellite-0905/ces/aluosat.pdf
German	Deutsch	www.TELE-satellite.com/TELE-satellite-0905/deu/aluosat.pdf
English	English	www.TELE-satellite.com/TELE-satellite-0905/eng/aluosat.pdf
Spanish	Español	www.TELE-satellite.com/TELE-satellite-0905/esp/aluosat.pdf
Farsi	فارسي	www.TELE-satellite.com/TELE-satellite-0905/far/aluosat.pdf
French	Français	www.TELE-satellite.com/TELE-satellite-0905/fra/aluosat.pdf
Greek	Ελληνικά	www.TELE-satellite.com/TELE-satellite-0905/hel/aluosat.pdf
Croatian	Hrvatski	www.TELE-satellite.com/TELE-satellite-0905/hrv/aluosat.pdf
Italian	Italiano	www.TELE-satellite.com/TELE-satellite-0905/ita/aluosat.pdf
Hungarian	Magyar	www.TELE-satellite.com/TELE-satellite-0905/mag/aluosat.pdf
Mandarin	中文	www.TELE-satellite.com/TELE-satellite-0905/man/aluosat.pdf
Dutch	Nederlands	www.TELE-satellite.com/TELE-satellite-0905/ned/aluosat.pdf
Polish	Polski	www.TELE-satellite.com/TELE-satellite-0905/pol/aluosat.pdf
Portuguese	Português	www.TELE-satellite.com/TELE-satellite-0905/por/aluosat.pdf
Romanian	Românesc	www.TELE-satellite.com/TELE-satellite-0905/rom/aluosat.pdf
Russian	Русский	www.TELE-satellite.com/TELE-satellite-0905/rus/aluosat.pdf
Swedish	Svenska	www.TELE-satellite.com/TELE-satellite-0905/sve/aluosat.pdf
Turkish	Türkçe	www.TELE-satellite.com/TELE-satellite-0905/tur/aluosat.pdf

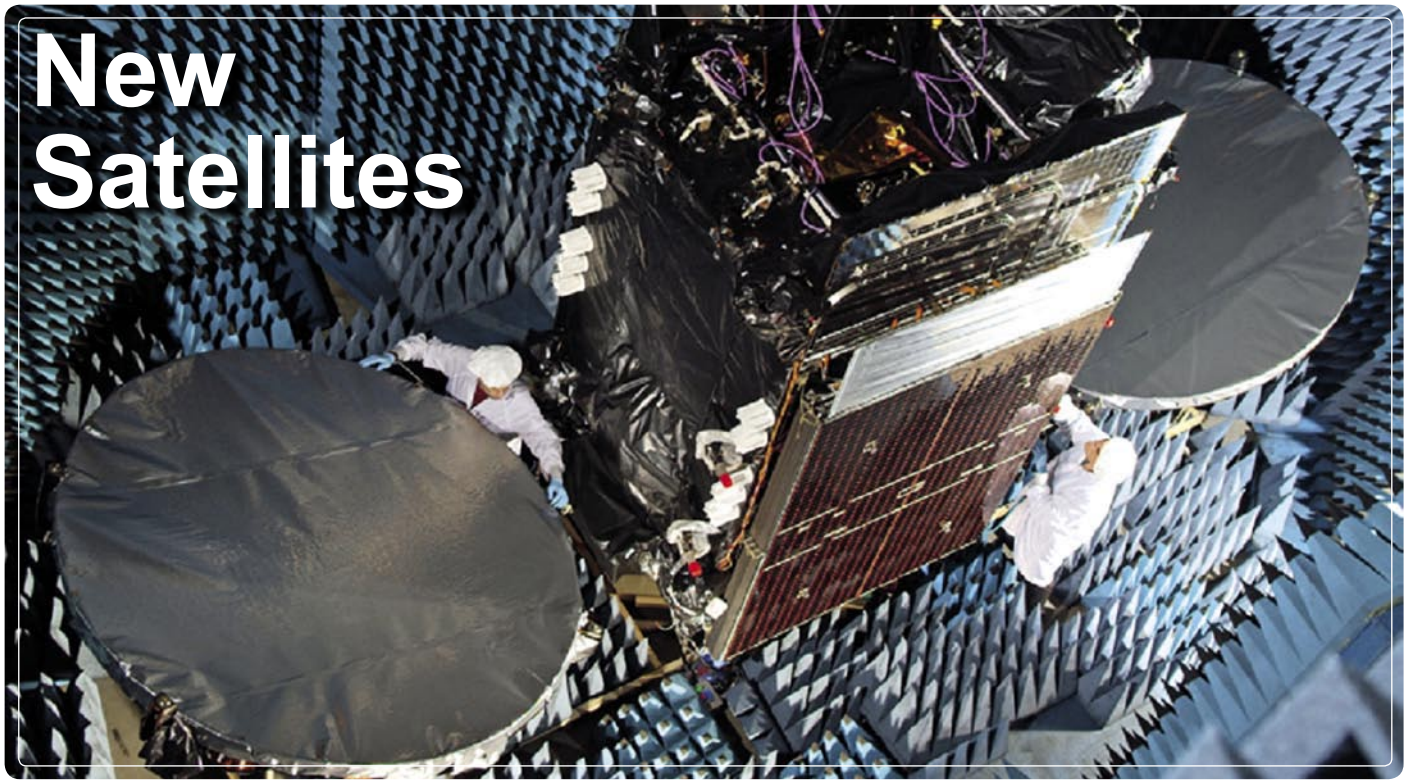
Available online starting from 27 March 2009

Luo Shi Gang di kantornya di lantai atas bangunan apartemen di jantung kota Shenzhen. Dia juga merupakan penyalur resmi majalah TELE-satelit untuk wilayah ini. ■

baiknya dengan agen besar," Luo menjelaskan strategi bisnisnya. "Tetapi apa yang paling saya sukai adalah bekerja sebagai konsultan." Luo sering bepergian dan mengunjungi banyak pameran yang berhubungan dengan satelit. "Dengan cara ini saya bisa bertemu dengan ornag-orang penting dan memperluas jaringan pribadi saya," kata Luo. Luo merupakan figur yang prominent di banyak wilayah dan segmen. "Saya sangat menyukai membantu jika menyangkut pembangunan bisnis satelit di China."

Tembok pelindung yang tinggi memastikan bahwa antena tersembunyi. Pencakar langit Shenzhen tapak di latar belakang. ■

New Satellites



Edited by
Sylvain Oscul

EUTELSAT W2A

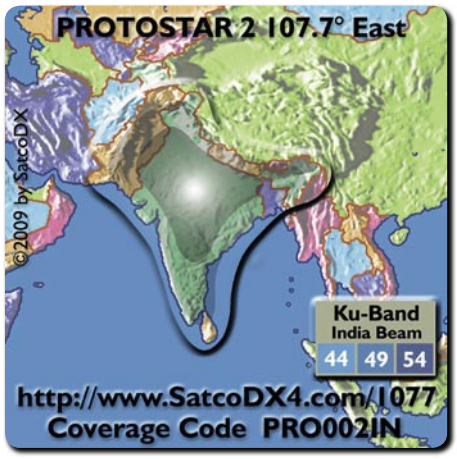
April-May 2009

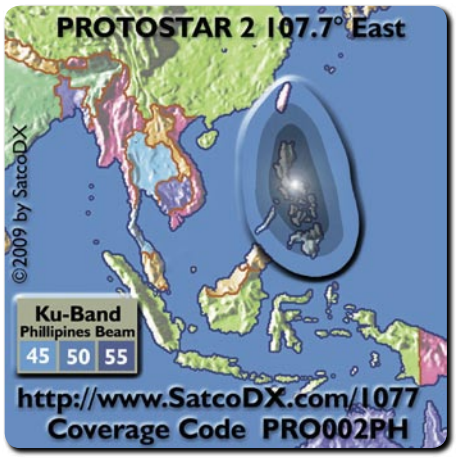
This new EUTELSAT Satellite will be positioned at 10 EAST and replace EUTELSAT W1. This Satellite carries 46 Ku and 10 C band transponders and 1 S band. Manufactured by Alcatel and based on a 4000C4 platform, this satellite will cover Europe, North Africa and the Middle East. A second fixed beam will serve southern Africa and Indian Ocean islands. The C-band mission will provide pan-African coverage for broadband and telecommunications services.
This satellite is also a special joint venture with ASTRA, The S-band (2.0 and 2.2 GHz), which represents a new frequency band for both SES and Eutelsat, provides a set of frequencies optimized for supporting a wireless distribution network for delivering video and other services to mobile devices, including phones.

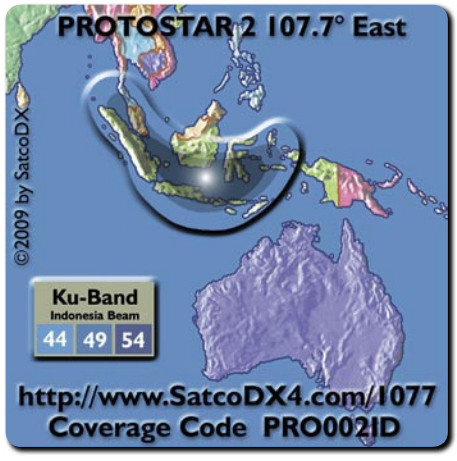
PROTOSTAR 2

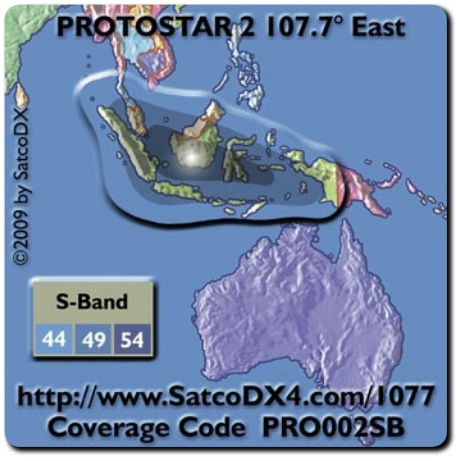
May 2009

This satellite is base on a Boeing Satellite system platform called 601HP, located at 107.7 EAST, this satellite will replace CAKRAWARTA. The satellite is build with 24 KU transponders to cover Philippines, India and Indonesia, and 10 S transponders to cover Indonesia. Launched with a Proton M vehicle, the satellite will be in the air for 15 years.





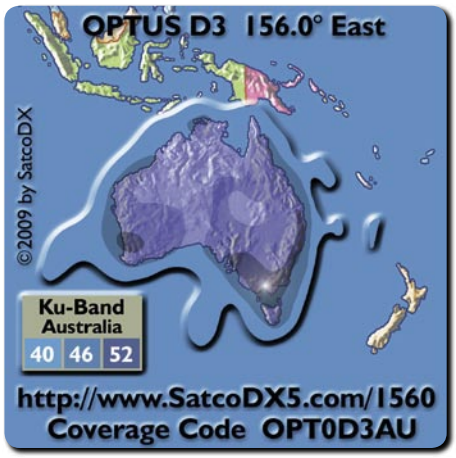




OPTUS D3

May-June 2009

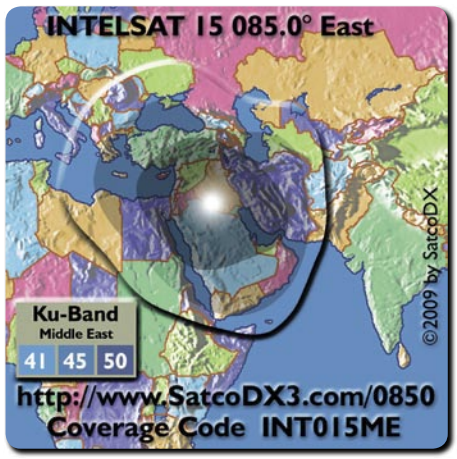
This satellite will be launched simultaneously with HOTBIRD 10, co-located at 156 EAST with OPTUS C1, this Orbital Science Corporation satellite will embed 24 Ku band transponders and cover Australia for 15 years. The satellite will provide direct TV, Internet, telephony and data transmission services for Australia and New Zealand. Orbital Sciences Corporation has constructed the Optus D3 spacecraft using the Star-2 platform.



INTELSAT 15

June 2009

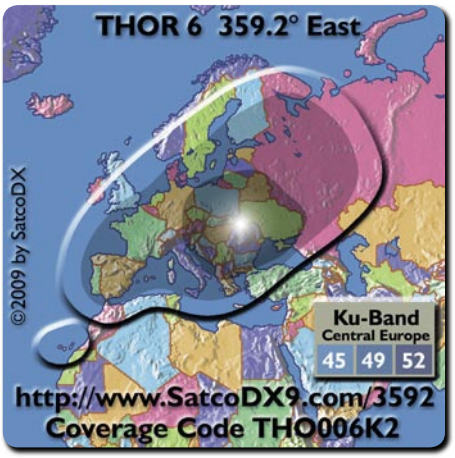
This satellite will replace INTELSAT 709 at 85.2 EAST; launched by a Zenith 3 vehicle, this satellite will embed 22 Ku-BAND Transponders (and 8 for backup). The INTELSAT 15 high power Ku-band payload will provide video and data services for the Middle East, Indian Ocean Regions and Russia. INTELSAT 15 is based on a Orbital's STAR spacecraft bus. Launch with a Zenith 3 vehicle, the satellite will be on the air for 15 years.



THOR 6

June 2009

Thor 6 is be based on Thales Alenia Space Spacebus-4000B2 platform and fitted with 36 active Ku-band transponders. The satellite has a capacity of 16 transponders pointed to the European Nordic countries and 20 transponders will be positioned to serve the growing broadcasting demands within Central and Eastern Europe. THOR 6 is the final satellite in Telenor Satellite Broadcasting's replacement program for THOR 2 and THOR 3. THOR 6 will replace THOR 3, which is set to retire in 2010. The satellite will be launched on an Ariane 5 launcher from the Kourou Space Centre in French Guyana and will provide programs for the next 15 years.

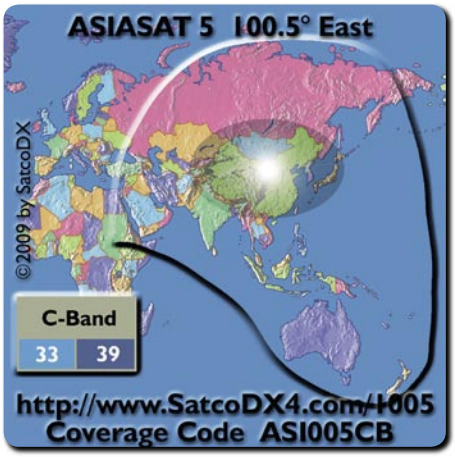


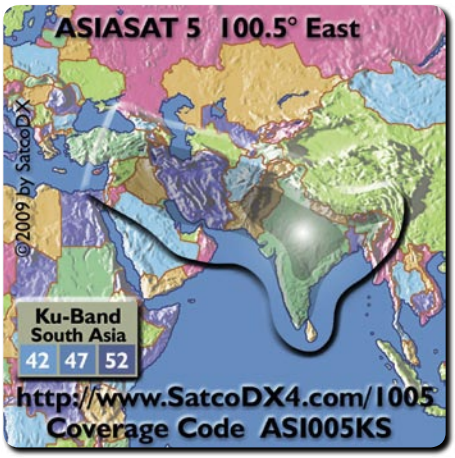
ASIASAT 5

June 2009

ASIASAT 5 C-band footprint will offer an extensive pan-Asian coverage and its high power Ku-band beams will focus on both East and South Asia, with a steerable beam that will cover anywhere within ASIASAT 5 geographic coverage. ASIASAT 5 has a sophisticated Ku-band inter-beam switching which provides great flexibil-

ity of usage in orbit. This Satellite will replace ASIASAT 2 at 100.5 EAST with 22 Transponders in KU Band

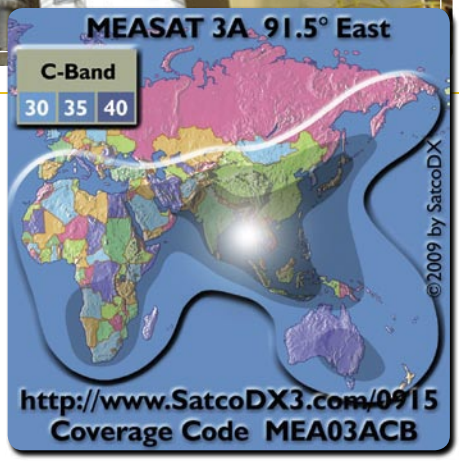


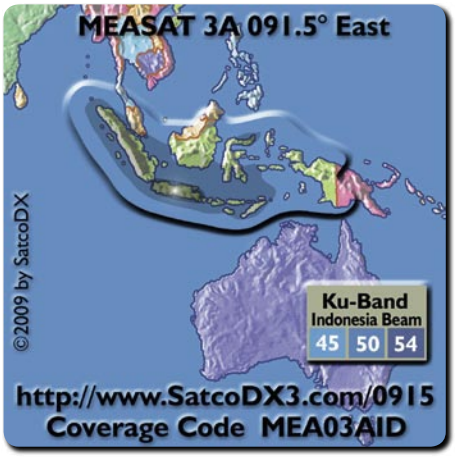


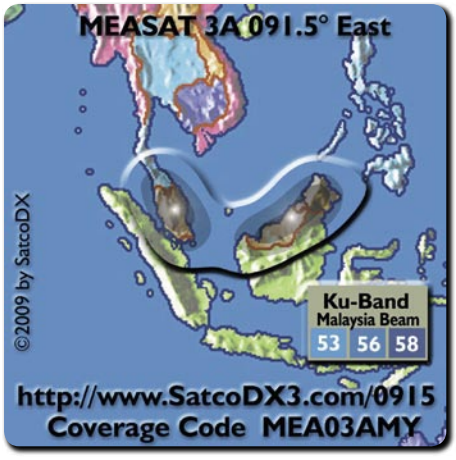
MEASAT 3A

June 2009

MEASAT 3A has been designed to be co-located with MEASAT 3 at 91.5 EAST. The satellite will provide 12 high-powered C-band transponders providing coverage across a region bounded by Africa and Eastern Europe in the West, through to Japan and Australia in the East, and 12 high-powered Ku band transponders for DTH in Malaysia and Indonesia over a 15 year minimum service life. This satellite will be launched by a Zenith 3.







SpaceLink™

www.spacelinkindia.com

HIGH GAIN DISH ANTENNA

O.E.M Manufacturers of:

Ku band ~ 60cm / 80cm / 90cm / unique shapes

C band ~ 1.8m / 2.4m / 3.7m / 4.8m / 6.2m / 7.3m

Designers for Dish Farms & RF System Integrators catering to

DTH Operators / IPTV Headends / Cable TV Operators / Broadcasters / Institutions

SVH Tech Pvt. Ltd.
Opp. Modi Bagh , Delhi Meerut GT Rd.,
Modinagar. Dist. Ghaziabad. UP. India.201 204
Tel.: +91-1232-250701 / 220133 / 243449
Fax: +91-1232-250702
e-mail: vm@spacelinkindia.com

Spacelink Systems Pvt. Ltd.
25/6 , St. No. 16 ,First Floor , Main Road,
Vishwas Nagar , Delhi. 110032. India
Tel.: +91-11-65366446 / 65366871
Fax: +91-11-22300799
e-mail: nr@spacelinkindia.com

Edited by
Branislav Pekic

EUROPE

EUROPE

NSS-9 SATELLITE SUCCESSFULLY LAUNCHED

The NSS-9 satellite was successfully launched onboard an Ariane 5 ECA rocket from the European Spaceport in Kourou, French Guiana, on February 12. NSS-9 was manufactured by Orbital Sciences Corporation and is poised to be the 40th satellite in SES' global fleet. The NSS-9 spacecraft will be positioned at the orbital location of 183 degrees East, a prime connectivity slot for the Pacific Ocean Region. The spacecraft carries 44 active C-band transponders, and features three beams that can interconnect on a transponder-by-transponder basis: a global beam providing coverage of the entire earth visible from 183 degrees East; a West Hemi beam (covering Australia, Indonesia, the Philippines, Japan, China, Korea and the Pacific Islands); and an East Hemi beam (providing coverage and connectivity to the U.S., Hawaii and Polynesia).

ASTRA 1M READY FOR OPERATION

SES Astra has announced that its new Astra 1M satellite has been successfully deployed at its final orbital position at 19.2 degrees East and is ready for commercial operations. The satellite, which was built by EADS Astrium and launched from Baikonur, Kazakhstan, on 5 November 2008 has successfully passed all necessary in-orbit tests of the hardware and broadcasting functionalities on board. With its 36 transponders, Astra 1M will deliver DTH and HDTV services to continental Europe.

170 MILLION HDTV EUROPEAN HOUSEHOLDS BY 2013

According to a report from Euroconsult and NPA, currently 59 million European households are equipped with HD-enabled TV sets. That figure is set to grow to 116 million in 2010, a 51% penetration rate and explode to 220 million in 2018. Driving this adoption is the steady decline in prices for flat screens since 2004, and the imminent inclusion of HDTV capability as a standard feature in flat screens sold throughout Europe. The number of pay-TV networks in Europe offering HD almost tripled in the last two years.

AUSTRIA

TELEKOM AUSTRIA TOPS 63.800 IPTV SUBSCRIBERS

Telekom Austria ended 2008 with 63,800 subscribers for its IPTV service aonTV, compared to 10,930 one year previously. The operator sold 334,800 combo packages during the last two months of 2008, helping to slow net line loss to 98,000 during the period, compared with 250,000 one year previously. aonTV provides 63 TV channels in its basic package for €4.90, with a further 21 thematic channels available for an additional €7.90 per month.

BOSNIA-HERZEGOVINA

BH TELECOM SIGNS IPTV/VOIP DEAL

Bosnian state-owned telecommunications operator BH Telecom has signed a contract today with Slovenian vendor Smart Com for the introduction of an integrated IPTV and VoIP system. The deal will see Smart Com provide the design, delivery and installation of equipment, as well as offer support and maintenance for a one-year period. The value of the deal is an estimated EUR 2.47 million.

FRANCE

SES ASTRA AND GLOBECAST DISTRIBUTE ORANGE TV

SES ASTRA and Globecast have signed a capacity contract with the French telecommunications operator Orange to distribute its new Orange TV offer via satellite, particularly targeting French homes with no TV coverage over ADSL. Orange TV is part of a triple play offer (TV, telephone, internet) and will be broadcast by the ASTRA satellite system from the prime orbital position 19.2 degrees East, which already serves more than five million French direct-to-home households. GlobeCast will be handling transmission of Orange TV, including digitalisation, MPEG-4 encoding, multiplexing, encryption and uplink services.

FRENCH IPTV HOUSEHOLDS TOP 5.64 MILLION

At the end of the third quarter 2008 there were 5.643 million subscribers to IPTV services in France, according to new figures from the French telecoms regulator ARCEP. This figure represents an increase of 1.6 million or 39% from the same period of 2007. IPTV subscribers accounted for 34.6% of the total number of ADSL subscribers in France at the end of the third quarter of last year (16.299 million), compared to 28.8% of the total (14.09 million) one year previously. France Telecom's Orange TV had around 1.5 million at the end of last September, while competitor Neuf Cegetel had around 850,000 subscribers for its Neuf TV, and rival ISP Alice, owned by the Iliad Group, had around 150,000 at the same point.

GERMANY

GERMANY CLOSES 2008 WITH 536.000 IPTV SUBSCRIBERS

The German Association for IT, Telecommunications and New media (BITKOM) has reported that the number of IPTV subscribers in the country reached 536.000 at end-2008, up from 180.000 a year earlier. Deutsche Telekom aims to double its number of IPTV subscribers to 1 million in 2009, a senior company executive told the "Focus" magazine. Deutsche Telekom accounts for over 90% of the country's IPTV subscribers, having recently announced an excess of half a million customers, while Telecom Italia subsidiary HanseNet has reported an estimated 25.000 subscribers.

ITALY

TISCALI CANCELS IPTV SERVICE

Italian broadband ISP Tiscali has shut down its ADSL-based IPTV service in Italy, with poor subscriber take-up thought to be behind the decision to pull the service. It has not revealed any plans to cancel its UK-based IPTV service, which has attracted investor interest from broadcaster and broadband provider BSkyB. However, in December it was reported that disagreements over the price of the UK unit of Cagliari-based Tiscali had caused BSkyB to withdraw from negotiations.

RUSSIA

PLATFORMAHD BOOSTS CAPACITY ON EUROBIRD 9

Following on from the successful launch in 2008 of Platforma HD on the Eurobird 9 satellite of Eutelsat Communications, Russian pay-TV operator National Satellite Company is complementing and significantly expanding its offer with a new package called Platforma DV of 20 Standard Digital channels. Platforma DV launched on February 1 via a second transponder leased by National Satellite Company on Eutelsat's Eurobird 9 satellite which provides extensive reach to satellite homes across the European territory of Russia. Platforma DV costs subscribers R900 (EUR20) a year, while subscribers taking both SD and HD packages will pay R4,200 (EUR93) a year.

ARIANE TO LAUNCH YAMAL SATELLITES

Arianespace has been chosen to launch the two communications satellites, Yamal-401 and Yamal-402 within the scope of a contract between Thales Alenia Space and Russian operator Gazprom. Thales Alenia Space will build these two satellites using Spacebus 4000C3 platforms. They will be orbited by Ariane 5 ECA launchers in the second half of 2011. Yamal-401 will be equipped with 36 Ku-band and 17 C-band transponders and will be positioned at 90 degrees East. For its part, the Yamal-402 will have 46 Ku-band transponders and be positioned at 55 degrees East.

EXPRESS SATELLITES SUCCESSFULLY LAUNCHED

The Express AM-44 and Express MD-1 satellites were successfully launched in February by a Proton-M rocket from the Baikonour Cosmodrome in Kazakhstan. The Express-AM-44 satellite is designed to provide digital TV and radio broadcasting, telephony, data transmission channels, videoconferencing services and Internet access. It carries 16 active transponders in Ku-band, 10 in C-band, and 1 in L-band and will be positioned at 11° West. The Express-MD-1 satellite is designed to provide TV, voice and data transmission and radio broadcasting services over an area spanning Russia and most of the CIS countries from 53° East.

SPAIN

TV3 and IB3 STUDY JOINT IPTV CHANNEL

Spanish TV channels IB3 (available in the Balearic Islands) and TV3 (the public television channel of the Catalan region) have formed an agreement to look into the viability of partnering on delivering a joint channel for IPTV services in the country, according to local news portal DiariDe-Girona. The channel would carry content from both organisations. A joint committee made up of representatives from both companies is to take responsibility for moving the project forward.

TURKEY

MEDIA REGULATOR PREPARES GROUND FOR IPTV

Turkey's Radio and Television Supreme Council (RTÜK) has prepared the legal groundwork to regulate the introduction of new broadcasting technologies, including IPTV, DVB-H, DVB-T and DVB-T2. After a meeting in January, RTÜK said that it would give permission for test transmissions by prospective broadcasters wishing to invest in IPTV provided that they comply with certain requirements. Following this decision, prospective IPTV broadcasters should apply to RTÜK for permission to begin testing. Having satisfied preliminary requirements, applicants will be given permission by RTÜK to start their test broadcasts for a period of one year.

UNITED KINGDOM

BBC, ITV AND BT TO DEVELOP IPTV STANDARD

UK terrestrial broadcasters BBC and ITV have teamed up with operator BT to develop and on-demand service that would for the first time in the U.K. offer free-to-air broadband content from TV sets. The three parties have signed a memorandum of understanding and

invited other U.K. public service broadcasters and ISPs to join the project, which could be as revolutionary as the hugely successful U.K. digital terrestrial platform Freeview. The new service would require a set-top box connected to an Ethernet connection enabling audiences to access shows via broadband on their TV sets.

VIRGIN MEDIA TO LAUNCH FOUR HDTV CHANNELS

Cable company Virgin Media has launched a 50 Mbps broadband service in the UK and announced plans to launch four high-definition channels in 2009. The fibre optic cable network will give UK customers nearly nine times the average headline broadband speed. CEO Neil Berkett said Virgin Media would launch four new HD channels in March.

AVANTI TO LAUNCH SATELLITE

Avanti Communications, which plans to launch its first satellite in the final quarter of this year, has recruited 28 wholesale customers around Europe who will sell on broadband services. According to chairman, John Brackenbury, the company hopes to benefit from government initiatives in both the UK and Europe, where the European Commission last week announced further funding to help the 30 per cent of EU homes that have no access to high speed internet services. Avanti already supplies some customers via leased satellite capacity.

UK LEADS HDTV TAKE-UP

In Europe the UK leads HDTV take-up largely as a result of Sky's 800,000 HD subscribers. Freesat, the free-to-air satellite service offers a much smaller choice of HD programming with BBC HD and ITV HD, but has around 200.000 users which are growing rapidly. Virgin Media with around 400.000 subscribers to its V+ box, with access to the BBC HD channel takes the total in the UK to around 1.5 million.

HD TERRESTRIAL TESTS LAUNCH IN LONDON

HD test transmissions launched in February via London's Crystal Palace transmitter, equipped with a modulator using the new DVB-T2 transmission standard which was provided by Enensys. Last September, the BBC successfully performed test transmissions in the UK to receive high def pictures compliant to the DVB-T2 standard using a real-time demodulator.

NORTH AMERICA

CANADA

SASKTEL TO DEPLOY MARINER'S IPTV PLATFORM

SaskTel is commercially deploying xVu, Mariner's IPTV Service Assurance platform. xVu will be deployed to SaskTel's over 70,000 IPTV subscribers to provide continuous monitoring and real time feedback of customer's Quality of Experience. The platform will allow SaskTel to proactively manage its IPTV service quality, and to identify and resolve issues often before the customer even realizes there is a problem.

BELL TV OFFERS NEW BOXES FOR HD SUBSCRIBERS

Bell TV subscribers with a first generation HD DTH satellite receiver were sent a letter this week notifying them their old ExpressVu 6000 HD receivers would no longer work after April 1. Bell has offered to exchange the old HD receivers with the company's new model 6131 HD receiver free of charge. In April, Bell will roll out a new signal modulation scheme called 8PSK which will allow Bell TV to transmit more HD satellite signals without using more bandwidth.

UNITED STATES

RAINBOW DROPS VOOM HD SERVICE

Cable operator Rainbow Media Holdings is dropping the Voom-branded suite of 15 HD channels, after losing domestic carriage on the satellite platform Dish Network. Dish dropped the Voom channels in May 2007, reportedly after a contract dispute, leaving just Rainbow parent Cablevision Systems as the channels' only US platform. Rainbow has since filed a lawsuit against Dish for breach of contract but has now axed the channels while it focuses on the US$1 billion legal action.

ZCOM NETWORKS TO INTEGRATE IPTV WITH SATELLITE

In order to link its IPTV Broadcasting with Satellite, Zcom Networks has commenced discussion with Globecast for the transport of signals via satellite and fiber. Harnessing the power of IP, Zcom will capitalize on its broadcast expertise from program origination to play out and from assembling to reformatting and encoding utilizing the broadband IP connection.

SPAUN™
www.spaun.com Quality made in Germany

Wideband Devices for DIRECTV™ Application

- for applications with 3 LNB or 5 LNB dishes
- for the distribution of the new HD channel signals in Ka/Ku bands
- 5 years warranty on each product
- applicable for large distribution networks up to 400 subscribers

For more information on our wideband devices visit our website

Wall power supply **SNG 18/1000** is included in delivery

Distributors Wanted! Please contact us.

Byk-Gulden-Str. 22 · 78224 Singen
Phone: +49 (0)7731 - 8673-0 · Fax: +49 (0)7731 - 8673-17
Email: contact@spaun.com · www.spaun.com

DISH NETWORK INTRODUCES SLINGBOX TECHNOLOGY

Satellite TV provider Dish Network Corp unveiled the new Vip 922 DVR box in January that allows people watch to their favorite TV shows on any Internet-enabled device. The Slingbox is a device that lets people watch cable and satellite programing from a computer or mobile phone with a broadband Internet connection. In addition to TV sets, people can watch their recorded TV programs and sports events on their desktops at home, their laptops on the road, their smart phones, iPhones, Blackberry, and more.

NEULION LAUNCHES NEW IPTV HD BOX

NeuLion has introduced the iPTV HD TV Box delivering HD programming in 720p and 1080i, providing adaptive streaming in HD without buffering. NeuLion now offers HD streaming services of live TV channels, live events and VOD over the Internet directly to the television. NeuLion's existing iPTV HD PC browser service provides HD quality programming of live channels, sports, entertainment events and VOD in up to a 1080i format to its Network Partners across the globe.

VERIZON FIOS WITH 1.9 MILLION IPTV SUBSCRIBERS

Verizon FiOS TV customers now have a total of 105 HD channels available, and over 1,400 HD VOD titles, which are offered each month. Verizon FiOS is available for sale to more than 8.2 million homes and small businesses in 14 states. The company added 303,000 FiOS TV subscribers in the fourth quarter and almost 1 million in 2008, bringing the total to 1.9 million out of 9.2 million homes that have access to the service. In contrast, AT&T is hoping to have 1 million subscribers to its rival IPTV offering, U-verse, by the end of the year.

TIME WARNER WITH 100 HD CHANNEL IN NY

Time Warner Cable now offers 100 High-Definition channels in New York City. The HD lineup in New York includes an HD Movies On Demand feature and StartOver, which enables customers to restart a program in progress from the beginning. Time Warner offers roughly 60 HD channels free with its digital cable package. The remaining channels must be purchased with premium movie channels or other programming packages.

17 MILLION HDTV HOUSEHOLDS DO NOT WATCH HD

17 million households with HDTVs installed do not watch HD programming, according to a new study from research organization In-Stat. Last year, there were 39 million households in the United States that owned HDTVs, of which 22 million are considered HDTV households or those owning HD-capable sets and receiving and watching HD programming. According to In-Stat, last year saw a 40 percent uptake in the number of households choosing to receive HD programming.

SPACE SYSTEMS/LORAL TO BUILD INTELSAT 17 SATELLITE

Space Systems/Loral (SS/L) has finalized a previously announced satellite contract award to provide a new spacecraft to Intelsat. Intelsat 17 is a C- and Ku-band spacecraft which is to be available for launch in 2010 and will be located at 66 degrees East, where it will replace Intelsat 704.

LATIN AMERICA

ARGENTINA

TELEFONICA LAUNCHS VOD TESTS

Telefonica Argentina has started testing a VOD system over the IPTV network with 100 clients in Buenos Aires. It includes movies, children's programmes, weather information and karaoke. Clients are able to access a content library on either their computer or TV set, via the installation of a modem and a set-top box. A launch date has yet to be named.

TELPIN LAUNCHES IPTV SERVICE

Telecommunications operator Cooperativa de Telefonos de Pinamar (Telpin) now offers IPTV services in the country. Telpin is operating an internet television portal called Telpin TV, offering VOD content such as local news, music and general interest shows. Although telecom operators are currently prohibited from entering the pay-TV sector, they can launch VOD services until the legislation is modified.

COLOMBIA

UNE ENDS 2008 WITH 30.000 IPTV SUBSCRIBERS

Telecommunications operator UNE EPM ended 2008 with 30.000 subscribers for its IPTV service, one year after launch. It is now aiming to reach around 150.000 by the end of this year. Une is using Orca Interactive middleware, Verimatrix CAS and set-top boxes from Sagem, integrated by local supplier Grupo Unión. UNE is now focused on expanding the service into other regions of

TEHNIC B

B-dul 16 Decembrie Nr. 41
Timisoara, Romania
tel: 0040 356 006000
fax: 0040 356 006003
mail: tehnicb@rdstm.ro
web: www.tehnicb.ro

OFFSET SATELLIE ANTENNA, STEEL
60 / 70 / 80 / 90 cm

DIGILINE SINGLE LNB

THB-SAT TWIN LNB

WALLMOUNT SPD 21 cm

WALLMOUNT SPL 38 cm

INTELSAT-HOTBIRD
DOUBLE LNB HOLDER

DISEQC 2/1 SWITCH

TELEMANN 1600
DIGITAL SATELLITE METER

THB-SAT RG-6U COAX CABLE
ROLL 100m or 300m

F-CONNECTOR (100 Pc)

The products can be branded. In case of larger order the products will be delivered free of charge.

Colombia, including Bucaramanga and Cartagena, as well as focusing on the capital of Bogota.

NETHERLAND ANTILLES

UTS CURACAO DELIVERS MORE HD WITH RGB NETWORKS

United Telecommunication Services (UTS), the parent company of TDS, the wireless cable service provider servicing the Dutch islands of Curaçao and Bonaire, has deployed RGB's Broadcast Network Processor (BNP) as a key element of its next-generation video delivery network. Working with Divitel, RGB's system integration partner in the Netherlands, UTS has migrated its TDS system to a fully digital, IP-based platform. RGB's BNP, offering high density grooming, statistical multiplexing and transrating, enables UTS to offer their subscribers in Curaçao and Bonaire a number of new services, including significantly more high definition (HD) channels at extremely high quality.

URUGUAY

ANTEL TO LAUNCH IPTV

Telecommunications operator Antel will launch IPTV services during the first quarter of 2009, according to local media reports. Antel's vice president, Gonzalo Perera, said the company has been working on the launch and already has the necessary equipment to deliver the service, which would be the country's first IPTV offering.

ASIA

MIDDLE EAST SATELLITE REVENUES TOP US$ 752 MILLION

The Middle East and North Africa (MENA) has become one of the most dynamic emerging markets for satellite and broadcast use, according to a recent study by Euroconsult and The London Satellite Exchange. Transponder demand throughout MENA has risen 12 per cent per year for the last five years. Commercial satellite-lease revenues have grown by 17 per cent per year on average since 2003, reaching US$ 752 million in 2007. The report states that 42 per cent of Ku-band satellite usage within the MENA region was from TV and radio broadcasts, while the remainder was made up from voice and data traffic.

JAPAN HDTV LEADER IN ASIA

Of the 50 million total TV households in Japan, almost 17 million have HDTV, according to a study by IMS Research. In contrast, there are 400 million total TV households in China, but HDTV is only just beginning to be rolled out. Japan's uptake of HDTV has been driven by Japan Broadcasting Corp. (NHK), the country's sole public broadcaster. NHK has introduced HD via free satellite, thus creating a demand for the programming, although NHK also delivers digital terrestrial with additional HD programming as a pay service. China's uptake of HDTV may be driven more by cable. The country's primary video provider is China Central TV (CCTV), the state-owned broadcaster, which is slowly transitioning from analog to digital terrestrial. There is no direct broadcast satellite (DBS) operator in the country.

SMARTSAT FIRST PRIVATE SATELLITE COMPANY

An alliance of Jordanian and Kuwaiti companies announced in February the launch of a USD 500 million firm, which will be the MENA region's first private company specialised in the satellite industry. The new UAE-based company has been named SmartSat and will be headquartered in Dubai Studio City. SmartSat will offer its new services by launching the Arab World's first private satellite that will serve the MENA region. The company will thus contribute in the development of the quality of services for the region's internet service providers (ISPs), GSM providers, broadband technology solutions providers, television stations, and ministries of communication, military agencies and companies dealing with data systems among others.

ASTRIUM AND THALES TO DELIVER NEW ARABSAT SATELLITES

Arabasat has selected the consortium of Astrium and Thales Alenia Space to build and deliver in orbit two new satellites, Arabsat 5C and Arabsat 6B. Astrium will supply the Eurostar E3000 platforms and integrate the satellites. Thales Alenia Space will design and build the communications payloads. Arabsat-5C will feature 26 active transponders in C-band and 12 in Ka-band at the position 20°E. Arabsat-6B will be co-located with the rest of Arabsat's BADR constellation at its 26° East "hot-spot" and will feature 36 active transponders in Ku-band.

CHINA

ZHUJIANG DIGITAL OPTS FOR MICROSOFT MEDIAROOM

Guangzhou Digital Media Group has formally launched Zhujiang Digital, a connected TV service powered by the Microsoft Mediaroom IPTV platform. This is the first Mediaroom-enabled TV service to launch in China and the first time Mediaroom has been delivered over a cable network anywhere in the world. The new service, available to residents in the Guangzhou region of China, also includes the first deployment of the Mediaroom Anytime feature set, which will let subscribers access previously

aired shows from their Interactive Program Guide and immediately restart currently airing programs without any preplanning or prior DVR.

IPTV SUBSCRIBERS UP 100 PERCENT IN 2008

According to CCID Consulting, China's number of IPTV subscribers grew rapidly, up 100% year-on-year, thanks mostly to China Telecom's vigorous promotion. Because of Shanghai Telecom's free promotion, its number of subscribers saw rapid growth.

INDIA

BHATI AIRTEL LAUNCHES IPTV SERVICES

Bharti Airtel has become the first private operator to launch its IPTV services under the brand—Airtel Digital Television. The one-time activation fee is Rs 3999, with two packages available: Rs 999 per month for 135 channels, a broadband connection and a landline connection, while the second package costs Rs 599 and comes bundled with 117 channels and a broadband connection.

BSNL ANNOUNCES INTERACTIVE TV ON IPTV

BSNL has announced the nation-wide launch of interactive, personalized TV and video services for its customers in collaboration with Smart Dig. These services, which would be offered via the IPTV platform or cable TV on broadband, would enable users to watch programmes as per their convenience from over 140 TV channels. BSNL will also offer customers an extensive movie library with Hollywood and Bollywood titles at no extra cost, the company said. BSNL has around 38 million landline users and hopes that one-fourth of them will subscribe to the IPTV platform.

INDONESIA

RUSSIAN COMPANY TO BUILD TELKOM 3 SATELLITE

PT Telekomunikasi Indonesia, is close to signing a deal with a Russian firm on a third satellite project, called Telkom 3, according to local media reports. The Russian company Information Satellite Systems, or Reshetnev, had won the tender to build and launch the Telkom 3 satellite in mid-2011, at an undisclosed cost of less than US$ 200 million. The new satellite, which will have 18 transponders, will replace the Telkom 2 satellite and be used for the TelkomVision pay-TV service, data and Internet transmissions, and applications for earth observation.

MOROCCO

MAROC TELECOM WITH 10.000 IPTV SUBSCRIBERS

Maroc Telecom ended 2008 with 10.000 subscribers for its IPTV services, while its fixed-line subscriber base fell 2.8% year-on-year to reach 1.299 million lines. The number of fixed Internet access lines totalled 482.000 at the end of last year, up 1.3% from end-2007. Maroc Telecom introduced its IPTV service in August 2006, based on a platform supplied by Huawei.

THE PHILLIPINES

PLDT TO LAUNCH DTH SERVICE

The Philippine Long Distance Telephone (PLDT) Group has nearly completed the preparations for the forthcoming launch of its DTH satellite-TV service. The group has allocated about P700 million to jumpstart its DTH satellite TV project in the country. It has tapped SES New Skies to provide satellite transponders on the NSS-11 satellite. The DTH service will initially offer 24 channels.

SOUTH KOREA

LG DACOM LAUNCHES IPTV SERVICE

LG Dacom commercially launched its IPTV service, myLGtv, in Seoul and the surrounding area in January. The service seeks to differentiate itself from its bigger rivals using high video quality and user-friendly interfaces. Viewers are able to order products on home shopping channels and will be able to search the internet while watching live television. LG Dacom offers 24 IPTV channels, including four terrestrial channels such as KBS, MBC, SBS and EBS, and plans to increase the number to 60 by the end of March. myLGtv offers English and Korean subtitles for movies, documentaries and children's programs on its VOD channel. Viewers are also able to adjust the playback speed of videos.

SK BROADBAND SEEKS IPTV LEADERSHIP SPOT

SK Broadband is seeking to reclaim its leadership in the IPTV market after it launched commercial IPTV services in January. SK introduced preliminary IPTV services in 2006, but ceded the top spot to rival KT. SK Telecom acquired the No. 2 fixed line provider SK Broadband last year, giving the firm much needed clout. To help sell its IPTV service, SK Broadband has bundled its IPTV other fixed-line services with SK Telecom's mobile services to improve price competitiveness. SK Broadband will also expand its customer choice

by offering content owned by SK Group, which has several media affiliates. KT's IPTV service, dubbed Mega TV, has 800.000 subscribers, while SK Broadband's Broad & TV has 780.000 and LG Dacom's myLGtv has 65.000.

TAIWAN

CHT MOD ENDS 2008 WITH 600.000 IPTV SUBSCRIBERS

Taiwan's largest telecommunications company, Chunghwa Telecom (CHT), closed 2008 with over 600.000 subscribers for its IPTV service, which launched in 2005. CHT's MOD is provided via its ADSL network, subscribers are provided with rental set-top boxes to select and receive programs. In addition to broadcast TV channels, CHT MOD offers on-demand services for movies, TV series and anime titles.

VIETNAM

VTC LAUNCHES HDTV CHANNELS VIA SATELLITE

The Viet Nam Multimedia Corporation (VTC) launched the second generation digital television receiver and the first ever HDTV channels in Vietnam during January. All channels are broadcast through the national satellite VINASAT-1, which was launched in April 2008. The new product services, which were researched and produced by VTC, will serve the demands of Vietnamese people nationwide with 40 special digital television channels, including 8-HDTV channels and 32 SDTV channels. The satellite's footprint covers Viet Nam, Laos, East Asia, India and Australia. HDTV receivers are now sold on the domestic market for over VND3.5 million (US$ 205.8) each.

AUSTRALIA & PACIFIC

AUSTRALIA

MYKP TO TRIAL IPTV SERVICES

Sydney-based ISP myKP plans to start trialling IPTV services, according to local media reports, quoting company director George Kaloudis. No planned start date was given for the trials, but Kaloudis added that the ISP is "in discussions with several international content suppliers working through licensing agreements". The company is expected to focus particularly on rural areas which lack a variety of media outlets.

NEW ZEALAND

SKY SELLS 54.000 HD BOXES IN 2008

Sky Television surpassed its sales target for the MySky HDi high definition satellite TV receivers. Although the company projected to sell around 40.000 units it ended 2008 by selling 54.000, putting it neck and neck with free, state-funded rival Freeview, which boasts sales of just over 52.500. As a result, Sky is well on track to reach the 80,000 first year sales projection, if not exceed it. The company attributes the success of the HD launch to the penetration of HD capable sets, competition with Freeview raising HD awareness and the recession keeping people at home.

AFRICA

INTELSAT TO LAUNCH NEW DAWN IN 2010

A US$ 250 million telecommunications satellite dedicated to supplying telecommunications services to Africa is to be built over the next two years and launched in the fourth quarter of 2010. Over half of the capacity of the new satellite has already been sold to major clients, including Gateway Communications, Gilat Satcom, Vodacom and Zain Nigeria. Named New Dawn, the satellite will be operated by Intelsat in a joint venture with a consortium of African investors, led by South Africa's Convergence Partners and Altirah Telecoms. New Dawn will be equipped with 52 equivalent 36 MHz transponder units, divided into 28 C-Band and 24 Ku-Band units. Africa's first dedicated telecommunications satellite, Nigerian owned and operated NigComSat-1 in November 2008 after only 22 months in orbit.

WORLD

HDTV INTEROPERABILITY TESTS TO START IN JUNE

The World Broadcasting Unions International Satellite Operations Group (WBU-ISOG) and 11 vendors of HDTV MPEG-4 decoders/encoders have agreed to begin interoperability testing to ensure that HD video feeds are transmitted seamlessly. Formal tests will begin on 8 June 2009 and will be conducted by Telesat in Canada. The 11 vendors are ATEME, Comtech TV, Evertz Microsystems, Fujitsu, Harmonic, International DataCasting, NTT Electronics Corporation, Scopus Video Networks, Sencore, Tandberg Television and Thomson.

Exhibition Preview

- **21 - 23 March: CCBN 2009**
  The 17th China Content Broadcasting Network Exhibition
  China International Exhibition Center, Beijing, China
  www.ccbn.tv

- **25 - 27 March 2009: Satellite 2009**
  Exhibition for Satellite Enabled Communication
  Walter E. Washington Convention Center, Washington, USA
  www.satellite2009.com

- **25 - 27 May 2009: MECOM 2009**
  Middle East Communications Exhibition, Forum, TV
  Abu Dhabi National Exhibition Centre, Abu Dhabi, UAE
  www.mecomexpo.com

- **26 - 28 May 2009: ANGACABLE 2009**
  Tradefair for Cable, Broadband and Satellite
  Koelnmesse, Cologne, Germany
  www.angacable.com

- **16 - 19 June 2009: CommunicAsia 2009**
  20th International Communications and Information Technology Exhibition & Conference
  Singapore Expo, 1 Expo Drive, Singapore 486150
  www.communicasia.com

- **26 - 28 August 2009: SET 2009**
  18th Broadcast & Cable International Fair
  Centro de Exposições, Rod. dos Imigrantes
  04329-900 São Paulo (SP), Brasil
  www.broadcastcable.com.br

- **11 - 15 September 2009: IBC 2009**
  Latest technology and foremost business ideas in broadcasting and media
  RAI, Amsterdam, The Netherlands
  www.ibc.org

- **6 - 11 October 2009: CeBIT Eurasia**
  ICT Trade Show
  Tüyap Fuar ve Kongre Merkezi
  E5 Karayolu, Gürpınar Kavşağı, 34522 Büyükçekmece
  İstanbul, Turkey
  www.cebitbilisim.com

- **21 - 23 October 2009: EEBC 2009**
  7th Eastern Europe Exhibition and Conference in Telecommunications and Broadcasting
  Exhibition Centre "KyivExpoPlaza", Kiev, Ukraine
  www.eebc.net.ua

TELE-satellite Deadlines

Editorial Deadlines, Magazine Publishing Dates

Number	Issue	Deadline	Hardcopies	Available Online
#211	06/2009	3 April 2009	15 May 2009	29 May 2009
#212	08/2009	5 June 2009	17 July 2009	31 July 2009
#213	10/2009	7 August 2009	18 September 2009	2 October 2009
#214	12/2009	2 October 2009	13 November 2009	18 December 2009
#215	02/2010	4 December 2009	15 January 2010	29 January 2010

SatcoDX Global Satellite Chart

Compiled by the Worldwide SatcoDX Monitoring Stations, exclusively for TELE-satellite Magazine

New Channels Since Last Issue of TELE-satellite Magazine are marked with a ●

EUROBIRD 4
4.0 East
EUB004WX

11.160	H	AFLENZ E-S	27500
12.130	V	DVB52	27500
12.130	V	Standard_TV	27500

South Africa
SIRIUS 4
4.9 East

●12.553	V	LCF	2443
●12.567	V	Equinoxe TV	3900
●12.571	V	CANAL2 INTER	3616
●12.581	V	STV 1	4068
●12.581	V	STV2	4068
●12.606	V	04 Walf TV	29950
●12.606	V	00 Canal Promo Afiqu	29950
●12.606	V	01 Vox Africa	29950
●12.606	V	05 Prochainement	29950
●12.606	V	Walf 1	29950
●12.606	V	Walf 2	29950
●12.711	V	ETV_Hyde_Park_1	4430
●12.727	V	TELEMEDIA E-TV CT	4430
●12.735	V	DURBAN-ETV	4430

Europe
SIRIUS 4
5.0 East
SIR004EU

●11.727	H	testMUX20	27500
●11.727	H	TV2 Charlie	27500
●11.727	H	TV2 Film	27500
●11.727	H	TV2 Zulu	27500
11.766	H	UT-1	27500
11.766	H	KANAL UKRAINA	27500
11.766	H	TET	27500
11.766	H	Channel 5 (Ukraine)	27500
11.766	H	GLAS	27500
11.766	H	KRT	27500
11.766	H	NOVY CHANNEL	27500
11.766	H	RADA	27500
11.766	H	Star TV UKR	27500
11.766	H	Love Radio	27500
11.766	H	RADIO ERA	27500
11.766	H	Radio Test	27500
11.766	H	RUI	27500
●11.766	H	Test	27500
11.766	H	UR1	27500
11.766	H	UR2	27500
11.766	H	UR3	27500
●12.072	H	1+1 International	27500
12.072	H	ENTER	27500
12.072	H	ENTER-FILM	27500
12.072	H	INTER+	27500
12.072	H	OSK-Odessa	27500
12.072	H	SCI	27500
12.072	H	UBC	27500
12.072	H	Univermag	27500
12.072	H	Emmanuel	27500
12.149	H	Antena 3	27500
12.149	H	AXN	27500
12.149	H	AXN Crime	27500
12.149	H	AXN SciFi	27500
12.149	H	Da Vinci Learning	27500
12.149	H	Euforia Lifestyle	27500
12.149	H	Eurosport	27500
12.149	H	Kanal D	27500
12.149	H	OTV	27500
12.149	H	Prima TV	27500
12.149	H	Realitatea	27500
12.149	H	TV Sport	27500
12.149	H	TVR 1	27500
12.149	H	TVR 2	27500
12.149	H	TVRM	27500
●12.149	H	U tv	27500
12.149	H	AKTA Info	27500
12.149	H	ProFM	27500
12.149	H	InfoPro	27500
12.149	H	Radio SON	27500
●12.149	H	Radio ZU	27500
12.265	H	Boomerang	27500
12.265	H	Cartoon Network	27500
●12.265	H	Discovery Science	27500
●12.265	H	Discovery Travel	27500
●12.265	H	Discovery World	27500
12.265	H	Eurosport 2	27500
12.265	H	Hallmark	27500
12.265	H	Jetix	27500
12.265	H	Minimax	27500
12.265	H	Movies 24	27500
12.265	H	Romantica	27500
12.265	H	TCM	27500
12.265	H	TVR Cultural	27500
12.265	H	Canal Teleshop	27500
12.265	H	Etno	27500
12.265	H	Taraf	27500
●12.265	H	RFI	27500
●12.265	H	RVE	27500
12.341	H	Acasa Tv	27500
12.341	H	Animal Planet	27500
12.341	H	Antena 1	27500
12.341	H	B1	27500
12.341	H	Cinemax	27500
12.341	H	Discovery	27500
12.341	H	FreeXTV	27500
12.341	H	HBO	27500
12.341	H	HBO Comedy	27500
12.341	H	National Tv	27500
12.341	H	Pro Cinema	27500
12.341	H	Pro Tv	27500
●12.341	H	Sport1	27500
12.341	H	X Dream TV	27500
12.380	H	ATG EU BSS	27500
12.380	H	Harness Racing	27500
12.380	H	Multimania	27500
12.380	H	NTV	27500
12.380	H	Thoroughbred Racing	27500
12.380	H	TVCI new	27500
12.380	H	Belsat TV	27500
12.380	H	LTV World	27500
12.380	H	European Radio for B	27500
12.418	H	Alphameric Games	27500
12.418	H	Alphameric Games plu	27500
12.418	H	Alphameric Studio	27500
12.418	H	Alphameric Studio pl	27500
12.418	H	ATRi - English	27500
12.418	H	ATRi - German	27500
12.418	H	Betfred	27500
12.418	H	BOYLES SPORTS	27500
12.418	H	BRAND TV DEMO	27500
12.418	H	BTC Alpha Irish Da	27500
12.418	H	BTC Alpha UK Data	27500
12.418	H	CCC TEST CHANNEL	27500
12.418	H	CORAL - SIRIUS	27500
●12.418	H	CORAL EUROPE	27500
12.418	H	CORAL WITH SIS DA	27500
12.418	H	EMP TEST CHANNEL	27500
●12.418	H	ESP CHANNEL- SIRI	27500
12.418	H	EURO RACING - NO	27500
12.418	H	EURO RACING - SIR	27500
12.418	H	Intertrack-Data To	27500
12.418	H	iSIS Channel	27500
12.418	H	LADBROKES IP DATA	27500
12.418	H	LTEST	27500
12.418	H	LXTRA SILVER	27500
12.418	H	SIS BTC - Vision a	27500
12.418	H	SIS Racing - Data	27500
12.418	H	SIS Racing - Germ	27500
12.418	H	SIS Racing - Germ	27500
12.418	H	SIS Racing - INDE	27500
12.418	H	SIS UK BTC	27500
12.418	H	SIS+	27500
12.418	H	SPECIAL LADBROKES	27500
12.418	H	SPECIAL WILLIAM H	27500
12.418	H	STAN JAMES	27500
12.418	H	TEMP LADBROKES EI	27500
12.418	H	TEST2	27500
12.418	H	TOTE - SIRIUS	27500
12.418	H	TOTE SIS AUDIO AN	27500
12.418	H	VISION AUDIO AND	27500
12.418	H	WHO IP CLEAR	27500
12.418	H	WILLIAM HILL - SI	27500
12.418	H	ALT VC 11	27500
12.418	H	ALT VC 140	27500
12.418	H	ALT VC 145	27500
12.418	H	ALT VC 160	27500
12.418	H	ALT VC 20	27500
12.418	H	ALT VC 29	27500
12.418	H	ALT VC 33	27500
12.418	H	ALT VC 39	27500
12.418	H	ALT VC 40	27500
12.418	H	ALT VC 49	27500
12.418	H	ALT VC 50	27500
12.418	H	ALT VC 53	27500
12.418	H	ALT VC 59	27500
12.418	H	AUDIO AND DATA ON	27500
12.418	H	EMP TEST ALT CHAN	27500
12.418	H	SIS Racing - Audi	27500
12.608	H	TV 1000 Ru Kino FS	27500
12.608	H	Tv1000 Action East	27500
12.608	H	TV1000 East FSS	27500
12.608	H	TV6 Hungary FSS	27500
12.608	H	Viasat Sport FSS	27500
12.608	H	Viasat3 FSS	27500
12.637	H	Explorer/Spice(FSS)	14463
12.637	H	TV1000 Balkan FSS	14463
12.637	H	TV1000 Poland (FSS	14463
12.637	H	Viasat History (FSS)	14463
12.680	H	A-One	9404
12.680	H	TEST2	9404
●12.680	H	Eurosport	9404

SIR004NO

11.747	V	TV4	27500
11.747	V	Allsvenskan 1	27500
11.747	V	Allsvenskan 2	27500
11.747	V	Allsvenskan 3	27500
11.747	V	Allsvenskan 4	27500
11.747	V	Allsvenskan 5	27500
11.747	V	Viasat Xtra 1	27500
11.747	V	Viasat Xtra 2	27500
11.747	V	Viasat Xtra 3	27500
11.747	V	Viasat Xtra 4	27500
11.747	V	Viasat Xtra 5	27500
11.747	V	Viasat Xtra 6	27500
11.785	V	SVT1 ABC	27500
11.785	V	SVT1 Gävledala	27500
11.785	V	SVT1 Mittnytt	27500
11.785	V	SVT1 Nordnytt	27500
11.785	V	SVT1 REG	27500
11.785	V	SVT1 Smålandsnytt	27500
11.785	V	SVT1 Sydnytt	27500
11.785	V	SVT1 Tvärnytt	27500
11.785	V	SVT1 Värmlandsnytt	27500
11.785	V	SVT1 Västerbottensny	27500
11.785	V	SVT1 Västnytt	27500
11.785	V	SVT1 Östnytt	27500
11.785	V	SVT2 ABC	27500
11.785	V	SVT2 Gävledala	27500
11.785	V	SVT2 Mittnytt	27500
11.785	V	SVT2 Nordnytt	27500
11.785	V	SVT2 REG	27500
11.785	V	SVT2 Smålandsnytt	27500
11.785	V	SVT2 Sydnytt	27500
11.785	V	SVT2 Tvärsnytt	27500
11.785	V	SVT2 Värmlandsnytt	27500
11.785	V	SVT2 Västerbottensny	27500
11.785	V	SVT2 Västnytt	27500
11.785	V	SVT2 Östnytt	27500
●11.804	H	Kanal 11	27500
11.804	H	MTV NO	27500
11.804	H	Ticket	27500
11.804	H	TV 2 Filmkanalen	27500
11.804	H	TV4 Film	27500
11.804	H	TV4 Plus	27500
11.804	H	TV400	27500
11.804	H	Viasat History	27500
●11.804	H	Viasat Sport Baltic	27500
11.823	V	CNN	27500
11.823	V	DR 1	27500
11.823	V	DR 2	27500
11.823	V	DR1	27500
11.823	V	DR2	27500
11.823	V	Explorer/Spice	27500
11.823	V	MTV DK	27500
11.823	V	TV 2 SPORT	27500
11.823	V	TV1000 Ru Kino	27500
11.823	V	TV8	27500
11.823	V	DR Klassisk	27500
11.823	V	DR P1	27500
11.823	V	DR P3	27500
11.843	H	1st Baltic Ch. Eston	27500
11.843	H	1st Baltic Ch. Latvi	27500
11.843	H	1st Baltic Ch. Lithu	27500
11.843	H	Lietuvos Rytas TV	27500
11.843	H	LNK	27500
11.843	H	LTV7	27500
11.843	H	Ren-TV B	27500
11.843	H	TV1 Lithuania	27500
11.843	H	1st Baltic Music Cha	27500
11.843	H	TV5	27500
11.862	V	FEM	27500
11.862	V	Nickelodeon nordic	27500
11.862	V	TV1000 Action East	27500
11.862	V	Viasat Fotboll	27500
11.862	V	Viasat Motor	27500
11.862	V	Viasat Sport Norge	27500
11.862	V	ztv.se	27500
11.862	V	Viasat Classic 2	27500
11.881	H	24	27500
11.881	H	Barnkanalen	27500
●11.881	H	Nat Geo Wild	27500
11.881	H	SVT1	27500
11.881	H	SVT2	27500
11.881	H	TV1000 Plus One	27500
11.881	H	TV1K+1	27500
11.881	H	GOD Channel	27500
11.881	H	Kanal 10	27500
11.900	V	BTV	27500
11.900	V	Kanal 2	27500
11.900	V	MTV Baltics EE	27500
●11.900	V	MTV LT LV	27500
11.900	V	TV6 Estonia	27500
11.900	V	TV6 Latvia	27500
11.900	V	Viasat Sport	27500
11.900	V	RTR Planeta Baltic	27500
11.900	V	Radio Pukas	27500
11.919	H	MTV3 AVA	27500
11.919	H	MTV3 Fakta	27500
11.919	H	MTV3 MAX	27500
11.919	H	MTV3 Sarja	27500
11.919	H	Planeta Sport	27500
11.919	H	Sub Juniori	27500
11.919	H	Sub Leffa	27500
11.919	H	TV 2 Nyhetskanalen	27500
11.919	H	TV1000 Premium	27500
11.919	H	Viasat Golf	27500
11.938	V	Cartoon/TCM EE	27500
11.938	V	Discovery EE	27500
11.938	V	Nat Geo / CNBC	27500
11.938	V	RTR Planeta	27500
11.938	V	TV3 Mitt	27500
11.938	V	TV3 Norr	27500
11.938	V	TV3 Syd	27500
11.938	V	TV3 Väst	27500
11.938	V	TV3 Öst	27500
11.938	V	Bandit Rock	27500
11.938	V	Club/Dance	27500
11.938	V	Disco	27500
11.938	V	Golden Oldies	27500
11.938	V	Jazz	27500
11.938	V	Lugna Favoriter	27500
11.938	V	Soul R&b	27500
11.938	V	Star FM	27500
11.938	V	Super 80's	27500
11.938	V	Classic	27500
11.958	H	3+ Baltics	27500
11.958	H	3+ Baltics E	27500
11.958	H	ETV	27500
11.958	H	Lithuanian TV1	27500
11.958	H	LNT Latvia	27500
11.958	H	LTV1	27500
11.958	H	TV3 Estonia	27500
11.958	H	TV3 Latvia	27500
11.958	H	TV3 Lithuania	27500
11.958	H	TV6 Lithuania	27500
11.958	H	Power Hit Radio	27500
11.958	H	Star FM EE	27500
11.958	H	Star FM LV	27500
11.996	H	K75 NORDEN	27500
11.996	H	Kanal 5	27500
11.996	H	SportN	27500
11.996	H	SvSp	27500
11.996	H	TV6 Chile Nordic	27500
11.996	H	Russia today	27500
12.015	V	NRK1 Møre og Romsdal	27500
12.015	V	NRK1 Østafjells	27500
12.015	V	NRK1 Østnytt	27500
12.015	V	NRK Super / NRK3	27500
12.015	V	NRK1	27500
12.015	V	NRK1 Midtnytt	27500
12.015	V	NRK1 Nordland	27500
12.015	V	NRK1 Nordnytt	27500
12.015	V	NRK1 Rogaland	27500
12.015	V	NRK1 Sørlandet	27500
12.015	V	NRK1 Tegnspråk	27500
12.015	V	NRK1 Vestlandsrevyen	27500
12.015	V	NRK1 Østfold	27500
12.015	V	NRK2	27500
12.015	V	NRK Folkemusikk	27500
12.015	V	NRK Gull	27500
12.015	V	NRK Klassisk	27500
12.015	V	NRK mP3	27500
12.015	V	NRK Nyheter	27500
12.015	V	NRK P1	27500
12.015	V	NRK P2	27500
12.015	V	NRK P3	27500
12.015	V	NRK Sami Radio	27500
12.015	V	NRK Storting	27500
12.015	V	NRK Super	27500
12.015	V	NRK Været til sjøs	27500
12.034	H	Disney Channel	27500
12.034	H	E!	27500
12.034	H	NickelodeonSE/VH1	27500
12.034	H	Toon Disney	27500
12.034	H	TV1000 Classic	27500
12.034	H	TV1000 Family	27500
12.034	H	TV1000 Nordic	27500
12.034	H	TV1KC	27500
12.034	H	Zone Reality	27500
12.054	V	Cartoon/TCM	27500
●12.054	V	Jetix	27500
12.054	V	TV1000	27500
12.054	V	TV1000 Action	27500
●12.054	V	TV1000 Drama	27500
12.054	V	TV1K	27500
12.054	V	TV1KA	27500
12.054	V	TV3 Denmark	27500
12.054	V	TV3 Norge	27500
12.054	V	TV3 Stockholm	27500
12.054	V	TV6	27500
12.054	V	Bandit 106.3	27500
12.054	V	Rix FM	27500
12.092	V	Playhouse Disney	27500
12.092	V	TV 2 Norge	27500
12.092	V	TV2 NEWS	27500
12.092	V	TV4 Science Fiction	27500
12.092	V	TV4 Sport	27500
12.092	V	TV7	27500
12.092	V	TVNorge	27500
12.092	V	Visjon Norge	27500
12.399	V	MTVNHD	27500
12.399	V	TV 2 Sport HD	27500
12.399	V	Viasat Sport HD	27500
12.437	V	TV1000 HD	27500
12.437	V	TV1000 HD_c	27500
12.476	V	TV 2/Bornholm	27500
12.476	V	TV 2/Fyn	27500
12.476	V	TV 2/Lorry	27500
12.476	V	TV 2/Midt-Vest	27500
12.476	V	TV 2/Nord	27500
12.476	V	TV 2/Syd	27500
12.476	V	TV 2/Øst	27500
12.476	V	TV 2/Østjylland	27500
●11.214	V	TERACOM	6666
●11.229	H	SiriusChannelTh2	23148
●11.229	H	kulturdebatt.16 02 0	23148
●11.247	V	Kanal Lokal Göteborg	23148
●11.247	V	Kanal Lokal Skåne	23148
●11.247	V	Kanal Lokal Stockhol	23148
●11.247	V	Kanal Lokal Östergöt	23148
●11.422	H	TV3 Denmark	23148
●11.422	H	TV3 Norge	23148
●11.422	H	TV3 Stockholm	23148
●11.422	H	TV6	23148
●11.977	V	BBC World	27500
●11.977	V	Hallmark	27500
●11.977	V	MTV SE	27500
●11.977	V	Nature/Crime/Playboy	27500
●11.977	V	TV1000 East	27500
●11.977	V	TV3+	27500
●11.977	V	TV4 Fakta	27500
●11.977	V	Viasat 4	27500
●11.977	V	Viasat Sport Sverige	27500
●11.977	V	P4 Norge	27500
●12.226	H	Animal Planet Benelu	27540
●12.226	H	Animal Planet Europe	27540
●12.226	H	Animal Planet Europe	27540
●12.226	H	Animal Planet Med	27540
●12.226	H	Animal Planet Poland	27540
●12.226	H	Discovery Benelux	27540
●12.226	H	Discovery Benelux	27540
●12.226	H	Discovery Central Eu	27540
●12.226	H	Discovery Middle Eas	27540
●12.226	H	Discovery Poland	27540
●12.226	H	Discovery World	27540
●12.226	H	Discovery World - Cz	27540
●12.226	H	Discovery World DV	27540
●12.226	H	Discovery World Turk	27540
●12.226	H	Science Europe	27540
●12.226	H	Science Europe - Cze	27540
●12.226	H	Science Europe DVB	27540
●12.226	H	Science Europe Turki	27540
●12.226	H	Travel & Living Euro	27540
●12.226	H	Travel & Living Eu	27540
●12.226	H	Travel & Living Euro	27540
●12.245	V	EbS Europe By Satell	27500
●12.245	V	EbS+	27500
●12.284	V	AcasaTV	27500
●12.284	V	Download	27500
●12.284	V	MTV Romania	27500
●12.284	V	Pro TV	27500
●12.284	V	ProCinema	27500
●12.284	V	Radio Pro Fm Infopro	27500
●12.284	V	Sport.ro	27500
●12.284	V	ProTv Intl	27500
●12.284	V	Info Pro	27500
●12.284	V	Pro FM	27500
●12.303	H	AP Romania Discovery	27548
●12.303	H	B4U	27548
●12.303	H	Disc Science-Poland	27548
●12.303	H	Disc World-Poland	27548
●12.303	H	Disc_Romania	27548
●12.303	H	Discovery (Hungary)	27548
●12.303	H	Discovery Czech/Slov	27548
●12.303	H	TCM/Cartoon	27548
●12.303	H	TCM/Cartoon NL	27548
●12.303	H	TCM/Cartoon Russian	27548
●12.303	H	OU Enterprise	27548
●12.303	H	Monitoring CH Uni/T	27548
●12.303	H	Software Update	27548
●12.303	H	spare	27548
●12.303	H	AWR Radio 128Kbit	27548
●12.303	H	AWR Radio 64Kbit	27548
●12.303	H	Monitoring CH AWR	27548
●12.303	H	Premier Radio 96k	27548
●12.360	V	Hallmark Benelux 1P5	27500
●12.360	V	Hallmark Bulgaria 1P	27500
●12.360	V	Hallmark Croatia-Slo	27500
●12.360	V	Hallmark Czech-Slova	27500
●12.360	V	Hallmark Hungary 1P2	27500
●12.360	V	Hallmark Hungary T	27500
●12.360	V	Hallmark Israel 1P8	27500
●12.360	V	Hallmark Poland 1P3	27500
●12.360	V	Hallmark Romania 1P1	27500
●12.360	V	Hallmark Russia-Mide	27500
●12.360	V	Hallmark Scandinavia	27500
●12.360	V	Hallmark Turkey 1P4	27500
●12.360	V	Hallmark TurkME 1P4	27500
●12.360	V	KidsCO EastEur 1-8	27500
●12.360	V	KidsCO EastEur 15-	27500
●12.360	V	KidsCO EastEur 9-1	27500
●12.360	V	KidsCO EastEur Eng	27500
●12.360	V	KidsCO EastEur Hun	27500
●12.360	V	KidsCO EastEur Mi	27500
●12.360	V	KidsCO EastEur Pol	27500
●12.360	V	KidsCO EastEur Rom	27500
●12.360	V	KidsCO EastEur Rus	27500
●12.360	V	KidsCO EastEur Tur	27500
●12.360	V	KidsCo WestEur 1-8	27500
●12.360	V	KidsCo WestEur 9-1	27500
●12.360	V	KidsCo WestEur A11	27500
●12.360	V	KidsCo WestEur A13	27500
●12.360	V	KidsCo WestEur A15	27500
●12.360	V	KidsCo WestEur Eng	27500
●12.360	V	KidsCo WestEur Fra	27500
●12.360	V	KidsCo WestEur Ger	27500
●12.360	V	KidsCo WestEur Por	27500
●12.360	V	KidsCo WestEur Spa	27500
●12.360	V	Mov24 CEE Hungary	27500
●12.360	V	Mov24 CEE Poland 1	27500
●12.360	V	Mov24 CEE Romania	27500
●12.360	V	Mov24 CEE Turkey 1	27500
●12.360	V	Mov24 CEEurope 1P11	27500
●12.360	V	Virtual KidsCo Tes	27500
●12.360	V	Virtual Poland Aud	27500
●12.360	V	Engineering Test/Dow	27500
●12.674	V	ROMANTICA	10000
●12.674	V	ALPHA TV	10000
●12.674	V	MONEY CHANNEL	10000
●12.674	V	REALITATEA TV	10000

Europe
EUTELSAT W3A
7.0 East
EUTW3ABA

11.283	V	EUROSPORT	27500
11.283	V	EUROSPORT2	27500
11.283	V	EUROSPORTNEWS	27500
11.283	V	PROD ESP	27500
11.283	V	PROD ESP2	27500
11.283	V	M6_Suisse	27500
11.283	V	OCCA_1_W3	27500
11.283	V	RFI Newzik	27500
11.283	V	BuffaloGrill	27500
●11.283	V	RFI Afrique	27500
●11.283	V	RFI Albania	27500
●11.283	V	RFI Americas 5	27500
●11.283	V	RFI Anik	27500
●11.283	V	RFI Austria	27500
●11.283	V	RFI Bakou	27500
●11.283	V	RFI Barcelona	27500
●11.283	V	RFI BBC Hungary	27500
●11.283	V	RFI BBC Saxe	27500
●11.283	V	RFI Bucarest	27500
●11.283	V	RFI Cambodge	27500
●11.283	V	RFI Chisinau	27500
●11.283	V	RFI Divers 1	27500
●11.283	V	RFI Divers 2	27500
●11.283	V	RFI Divers 3	27500
●11.283	V	RFI Divers 4	27500
●11.283	V	RFI Divers 6	27500
●11.283	V	RFI Divers 7	27500
●11.283	V	RFI Divers 8	27500
●11.283	V	RFI Ekaterinburg	27500
●11.283	V	RFI Epra	27500
●11.283	V	RFI Erevan	27500
●11.283	V	RFI Fileas	27500
●11.283	V	RFI Francais	27500
●11.283	V	RFI Germany	27500
●11.283	V	RFI Hispasat1	27500
●11.283	V	RFI Hispasat2	27500
●11.283	V	RFI Kosovo	27500
●11.283	V	RFI Langues Div	27500
●11.283	V	RFI Langues Est	27500
●11.283	V	RFI Langues1	27500
●11.283	V	RFI Latine	27500
●11.283	V	RFI Liban	27500
●11.283	V	RFI Lisbonne	27500
●11.283	V	RFI Montenegro	27500
●11.283	V	RFI Multilingue	27500
●11.283	V	RFI Music	27500
●11.283	V	RFI Ocean Indien	27500
●11.283	V	RFI Orbit	27500
●11.283	V	RFI Prague	27500
●11.283	V	RFI Reserve	27500
●11.283	V	RFI Rmc Amman	27500
●11.283	V	RFI Rmc Mo	27500
●11.283	V	RFI Russia	27500
●11.283	V	RFI Skopje	27500
●11.283	V	RFI Sofia	27500
●11.283	V	RFI St Peter	27500
●11.283	V	RFI Tbilissi	27500
●11.283	V	RFI Test	27500
11.324	V	BFBS 1	27500
11.324	V	BFBS 10	27500
11.324	V	BFBS 2	27500
11.324	V	BFBS 3	27500
11.324	V	BFBS 4	27500
11.324	V	BFBS 5	27500
11.324	V	BFBS 6	27500
11.324	V	BFBS 7	27500
11.324	V	BFBS 8	27500
11.324	V	BFBS 9	27500
11.324	V	AFGHANISTAN	27500
11.324	V	CONTRIBUTION*	27500
11.324	V	GERMANY*	27500
11.324	V	OPERATIONS*	27500
11.324	V	R2 CYPRUS	27500
11.324	V	R2 EUROPE	27500
11.324	V	R2 WORLD	27500
11.324	V	BALKANS	27500
11.324	V	BFBS UK	27500
11.324	V	CYPRUS	27500
11.324	V	EUROPE	27500
11.324	V	GURKHA	27500
11.324	V	M.EAST	27500
11.324	V	N.IRELAND	27500
11.345	H	2STV	27500
11.345	H	ESP2 FAPL Clean	27500
11.345	H	ESP2 German	27500
11.345	H	Africable	27500
11.345	H	ORTM	27500
11.345	H	RTS	27500
●11.345	H	TPAI	27500
11.345	H	MOOD MEDIA	27500
11.345	H	MOOD RADIO	27500
11.345	H	Origine FM	27500
11.345	H	PUBLIRAD	27500
11.452	V	ATA TV	25066
11.452	V	CHANNEL 1 RUSSIA	25066
11.452	V	E! ENTERTAINMENT	25066
11.452	V	HALK TV	25066
11.452	V	KANAL B	25066
11.452	V	SALONDA NE VAR?	25066
11.452	V	SES TV	25066
11.452	V	DIGI	25066
●11.452	V	TRT ÇOCUK	25066
11.471	H	24	30000
11.471	H	BBC PRIME	30000
11.471	H	e2	30000
11.471	H	EURONEWS	30000
11.471	H	EUROSPORT 2	30000
11.471	H	EXTREME SPORTS	30000
11.471	H	FASHION TV	30000
11.471	H	FOXlife	30000
11.471	H	MEZZO	30000
11.471	H	MTV Türkiye	30000
11.471	H	NTV SPOR	30000
11.471	H	TVNET	30000
11.492	V	LİG TV	30000
11.492	V	DİZİMAX	30000
11.492	V	HALLMARK CHANNEL	30000
11.492	V	SAMANYOLU TV	30000
11.492	V	SHOW PLUS	30000

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
11.843	V	Aastha	27500
11.843	V	AL BASHARA	27500
11.843	V	Amrita TV	27500
11.843	V	DAN (Tamil)	27500
11.843	V	ETN TV	27500
11.843	V	Kairali	27500
11.843	V	Nepali	27500
11.843	V	NLM TV	27500
11.843	V	Shalom	27500
11.843	V	TV Lanka	27500
11.843	V	ZEE Russia	27500
11.843	V	Radio HAY	27500
11.843	V	Radio Sweden 1	27500
11.843	V	Radio Sweden 2	27500
11.916	V	FTV HD	27500
11.916	V	SVT WORLD	27500
11.916	V	TIN +972-73-7998873	27500
11.916	V	AL BASHARA	27500
11.916	V	DIVINE TV	27500
11.916	V	ETN TV	27500
11.916	V	FEED	27500
11.916	V	Marine Biz TV	27500
11.916	V	NLM TV	27500
11.916	V	Rainbow	27500
11.916	V	Eden Radio	27500
11.916	V	Radio HAY	27500
11.916	V	Radio Sweden 1	27500
11.916	V	Radio Sweden 2	27500
11.919	V	FTV HD	27500
11.919	V	SVT WORLD	27500
11.919	V	TIN +972-73-7998873	27500
11.919	V	AL BASHARA	27500
11.919	V	DIVINE TV	27500
11.919	V	ETN TV	27500
11.919	V	FEED	27500
11.919	V	Marine Biz TV	27500
11.919	V	NLM TV	27500
11.919	V	Rainbow	27500
11.919	V	Eden Radio	27500
11.919	V	Radio HAY	27500
11.919	V	Radio Sweden 1	27500
11.919	V	Radio Sweden 2	27500
11.938	V	FTV HD	27500
11.938	H	Red Light Experience	27500
11.938	H	Red Light Hot	27500
11.938	H	Red Light Spicy	27500
11.938	H	Red Light Treat	27500
11.938	V	SVT WORLD	27500
11.938	V	TIN +972-73-7998873	27500
11.938	H	Walf TV	27500
11.938	V	AL BASHARA	27500
11.938	V	DIVINE TV	27500
11.938	V	ETN TV	27500
11.938	V	FEED	27500
11.938	H	LIBERTY TV FR	27500
11.938	V	Marine Biz TV	27500
11.938	V	NLM TV	27500
11.938	H	OHM TV Tamil	27500
11.938	H	PTV	27500
11.938	V	Rainbow	27500
11.938	H	TAM TAM TV	27500
11.938	H	TV NETH LANKA	27500
11.938	H	WALF 2	27500
11.938	V	Eden Radio	27500
11.938	V	Radio HAY	27500
11.938	V	Radio Sweden 1	27500
11.938	V	Radio Sweden 2	27500
11.977	H	Akubis Classic	27500
11.977	H	Akubis Direkt	27500
11.977	H	OCC	27500
11.977	H	OCC_2	27500
11.977	H	TSBS-MB-cz	27500
11.977	H	TSBS-MB-dt	27500
11.977	H	TSBS-MB-f	27500
11.977	H	TSBS-MB-nl	27500
11.977	H	TSBS-MB-rum	27500
11.977	H	TSBS-MB-s	27500
11.977	H	TSBS-MB-sl	27500
11.977	H	AKUBIS Special IG	27500
11.977	H	Testbild	27500
12.034	H	Disney Cinemagic	27500
12.034	H	Disney Cinemagic +1	27500
12.034	H	AIERTA	27500
12.034	H	ANA FILMS TV	27500
12.034	H	FEEDS TSA	27500
12.034	H	Iberalia	27500
12.034	H	OPAL TV	27500
12.034	H	Parlamentario	27500
12.034	H	POPULAR TV	27500
12.034	H	Tu Tele Local	27500
12.034	H	Exito Radio	27500
12.054	H	Disney Cinemagic	27500
12.054	H	Disney Cinemagic +1	27500
12.054	H	AIERTA	27500
12.054	H	ANA FILMS TV	27500
12.054	H	FEEDS TSA	27500
12.054	H	Iberalia	27500
12.054	H	OPAL TV	27500
12.054	H	Parlamentario	27500
12.054	H	POPULAR TV	27500
12.054	H	Tu Tele Local	27500
12.054	H	Exito Radio	27500
12.074	H	S4	27500
12.074	H	SEX AMATEUR	27500
12.074	H	SEX BLACK	27500
12.074	H	SEX DONT PANIC	27500
12.074	H	SEX FANTASY	27500
12.074	H	SEX GAY	27500
12.074	H	SEX HOT	27500
12.074	H	SEX REALITY	27500
12.074	H	SEX SCT	27500
12.074	H	SEX STRONG	27500
12.074	H	SEX SUPER	27500
12.074	H	SEX TRANS	27500
12.074	H	SEX TOP	27500
12.074	H	Musicam 1	27500
12.074	H	Musicam 2	27500
12.074	H	Musicam 3	27500
12.074	H	Musicam 4	27500
12.074	H	Musicam 5	27500
12.074	H	Musicam 6	27500
12.092	H	S4	27500
12.092	H	SEX AMATEUR	27500
12.092	H	SEX BLACK	27500
12.092	H	SEX DONT PANIC	27500
12.092	H	SEX FANTASY	27500
12.092	H	SEX GAY	27500
12.092	H	SEX HOT	27500
12.092	H	SEX REALITY	27500
12.092	H	SEX SCT	27500
12.092	H	SEX STRONG	27500
12.092	H	SEX SUPER	27500
12.092	H	SEX TRANS	27500
12.092	H	SEX TOP	27500
12.092	H	Musicam 1	27500
12.092	H	Musicam 2	27500
12.092	H	Musicam 3	27500
12.092	H	Musicam 4	27500
12.092	H	Musicam 5	27500
12.092	H	Musicam 6	27500

Europe
EUTELSAT W1
10.0 East
EUT0W1KE

11.156	H	Al Jazeera	3978
11.175	H	AL-FORAT	2532
12.611	H	MGM EU	9259
12.611	H	MGM MC	9259

Freq	Pol	Channel Name	Symbol rate
12.611	H	MGM ME	9259

Europe, Middle East
HOTBIRD 6,7A,8
13.0 East
HOT006KB

10.830	H	Autonomia	3333
10.853	H	FRENCH LOVER	27500
10.853	H	X DREAM TV	27500
10.853	H	"Arab-Girls.TV	27500
10.853	H	ALO TV	27500
10.853	H	ArabSexClub	27500
10.853	H	DM Digital	27500
10.853	H	eurotic TV	27500
10.853	H	Fatayat ?'armanat	27500
10.853	H	IRAN - TV MARKET	27500
10.853	H	IRAN-FMTV	27500
10.853	H	IRAN-MNTV	27500
10.853	H	Physique TV	27500
10.853	H	Sexy-Arab.TV	27500
10.853	H	SMARTCAST Testkana	27500
10.853	H	Supreme Master TV	27500
10.853	H	Suryoyo SAT	27500
10.853	H	Ta3arees TV	27500
10.971	H	Asianet Plus	27500
10.971	H	Baby TV	27500
10.971	H	Al-Anwar	27500
10.971	H	ARMENIA TV	27500
10.971	H	GOD TV	27500
10.971	H	Ictimai TV	27500
10.971	H	LA8	27500
10.971	H	LA9	27500
10.971	H	MRTV / Univ TV	27500
10.971	H	Music Box Russia	27500
10.971	H	NTD TV	27500
10.971	H	Payam-E-Afghan	27500
10.971	H	Russia Today	27500
10.971	H	Suroyo tv	27500
10.971	H	Telenova	27500
10.971	H	The Word Network	27500
10.971	H	TRT-INT	27500
10.971	H	R.jamawar_KSDP	27500
10.971	H	Radyo-2 (TRT FM)	27500
10.971	H	Thuthi FM-Tamil	27500
10.971	H	Toloo Radio	27500
10.971	H	TSR Turkce	27500
10.971	H	Turizm Radyosu	27500
10.971	H	VOT West	27500
10.971	H	VOT World	27500
10.992	V	Rai 4	27500
10.992	V	Rai Africa	27500
10.992	V	Rai Due	27500
10.992	V	Rai Tre	27500
10.992	V	Rai Uno	27500
10.992	V	RAITALIA INTERNAT	27500
10.992	V	FD Leggera	27500
10.992	V	Multilingue 1	27500
10.992	V	Multilingue 2	27500
10.992	V	Radio OM unica	27500
10.992	V	Radio2 mono	27500
10.992	V	Radio3 mono	27500
10.992	V	SatelRadio	27500
11.013	H	3CHANNEL	27500
11.013	H	AIT	27500
11.013	H	AL FAYHAA	27500
11.013	H	Angel TV	27500
11.013	H	Bridge TV	27500
11.013	H	CGN	27500
11.013	H	Cinquestelle	27500
11.013	H	Didar Global TV	27500
11.013	H	EUROITALY	27500
11.013	H	Free channel	27500
11.013	H	Gali Kurdistan TV	27500
11.013	H	Hope channel	27500
11.013	H	MTA International	27500
11.013	H	RU TV	27500
11.013	H	Rusiya Al-Yaum	27500
11.013	H	S24	27500
11.013	H	SARAFAN	27500
11.013	H	TBM	27500
11.013	H	ULISSE	27500
11.013	H	VideoBergamo	27500
11.013	H	RUSSIAN RADIO	27500
11.013	H	EPersian Radio	27500
11.013	H	European Radio for B	27500
11.013	H	London Tamil Radio	27500
11.013	H	London TBC	27500
11.013	H	New Life Radio Russi	27500
11.013	H	R.Kurdistan	27500
11.013	H	RDK DUHOK	27500
11.013	H	Tamil ITR France	27500
11.013	H	Tamil Radio EU	27500
11.013	H	TAMIL RADIO TIR	27500
11.034	V	Berbere Television	27500
11.034	V	2M Maroc	27500
11.034	V	Aljazeera Intl	27500
11.034	V	AZTV	27500
11.034	V	Boomerang	27500
11.034	V	CCTV9	27500
11.034	V	M6 Boutique la chain	27500
11.034	V	MTV BASE	27500
11.034	V	RTR	27500
11.034	V	Salute !	27500
11.034	V	SHANT TV	27500
11.034	V	TELESUD	27500
11.034	V	Vesti	27500
11.034	V	W9	27500
11.034	V	Radio 2M	27500
11.034	V	Radio Berbere	27500
11.054	H	bwtv	27500
11.054	H	Al Beladi TV	27500
11.054	H	C TV Coptic CH	27500
11.054	H	Iran Beauty	27500
11.054	H	Iran Music	27500
11.054	H	Libya Al Shababiyah	27500
11.054	H	MLTV	27500
11.054	H	RAI	27500
11.054	H	Real Estate	27500
11.054	H	RTL CH	27500
11.054	H	SRI TV	27500
11.054	H	tv PERSIA	27500
11.054	H	ZDF	27500
11.075	V	MTVNHD	27500
11.075	V	Comedy Central Polsk	27500
11.075	V	Comedy Central Polsk	27500
11.075	V	MTV 1	27500
11.075	V	MTV Polska	27500
11.075	V	MTV Polska.	27500
11.075	V	Nickelodeon Euro	27500
11.075	V	VH1	27500
11.075	V	VH1 Polska	27500
11.075	V	VH1 Polska.	27500
11.075	V	VIVA Polska	27500
11.075	V	VIVA Polska.	27500
11.096	H	AFN Family Channel	28000
11.096	H	AFN Freedom	28000
11.096	H	AFN Movie Channel	28000
11.096	H	AFN Vicenza Continge	28000
11.096	H	AFN Xtra/Time Code	28000
11.096	H	AFNS Contingency C	28000
11.096	H	Aviano	28000
11.096	H	Naples	28000
11.096	H	News/BrightAC/Coun	28000
11.096	H	Sigonella	28000
11.096	H	Vicenza	28000
11.096	H	Pentagon Channel	28000
11.096	H	AFN Freedom Radio	28000
11.096	H	Power - La Maddalena	28000
11.096	H	Power - Livorno	28000
11.096	H	Power - Naples	28000
11.096	H	Power - Sigonella	28000
11.096	H	Power 107 Vicenza	28000
11.096	H	Power-Vicenza	28000
11.096	H	The Eagle - Vicenza	28000
11.096	H	The Eagle - La Madda	28000
11.096	H	The Eagle - Livorno	28000
11.096	H	The Eagle - Naples	28000
11.096	H	The Eagle - Sigonell	28000
11.096	H	The Eagle Souda Bay	28000
11.096	H	The Eagle-Vicenza	28000
11.137	H	Motors TV	27500
11.137	H	ANN	27500
11.137	H	GEM TV	27500
11.137	H	Kurdistan TV	27500
11.137	H	Lady Channel	27500
11.137	H	RTB	27500
11.137	H	Sardegna1	27500
11.137	H	StarTV	27500
11.137	H	TelefortuneSat	27500
11.137	H	TV5MONDE EUROPE	27500
11.137	H	TV5MONDE FBS	27500
11.137	H	Videolina	27500
11.158	V	Polsat	27500
11.158	V	Polsat Cafe	27500
11.158	V	Polsat Play	27500
11.158	V	Polsat Sport	27500
11.158	V	Polsat Sport Extra	27500
11.158	V	Polsat2	27500
11.158	V	Superstacja	27500
11.158	V	TV4	27500
11.158	V	Polsat News	27500
11.158	V	TV Biznes	27500
11.179	H	BTV INPS	27500
11.179	H	JSC Sport+1	27500
11.179	H	JSC Sport+2	27500
11.179	H	JSC Sport+3	27500
11.179	H	Sisal TV	27500
11.179	H	GBR	27500
11.179	H	GLOBE MEDIA	27500
11.179	H	NEW TELEVISION	27500
11.179	H	Studio Europa	27500
11.179	H	Super Tennis	27500
11.179	H	Telemarket	27500
11.179	H	Test Channel	27500
11.179	H	Test Tv 5 Enc 05	27500
11.179	H	TRSP	27500
11.179	H	TV Moda	27500
11.200	V	.Lolita	27500
11.200	V	ALL SEX	27500
11.200	V	Betting Channel	27500
11.200	V	EBC.1	27500
11.200	V	ELITE SHOPPING	27500
11.200	V	Heaven TV	27500
11.200	V	Hot Club	27500
11.200	V	Made In Italy	27500
11.200	V	Mediatel	27500
11.200	V	MOTORI TV	27500
11.200	V	Napoli Nova	27500
11.200	V	ODEON SAT	27500
11.200	V	PEOPLE TV-RETE7	27500
11.200	V	PLAY TV ITALIA	27500
11.200	V	ROMA SAT	27500
11.200	V	Sexy 1	27500
11.200	V	Sport Channel	27500
11.200	V	STARSAT	27500
11.200	V	Telenord	27500
11.200	V	TLC SAT	27500
11.200	V	Trentino TV	27500
11.200	V	United Media TV	27500
11.200	V	AfgSalamWatandar	27500
11.200	V	McDonalds	27500
11.200	V	R. INTESA SANPAOL	27500
11.200	V	R.Di per Di	27500
11.200	V	Radio Billa	27500
11.200	V	Radio Expert	27500
11.200	V	Radio Intesa	27500
11.200	V	Radio Metro	27500
11.200	V	Radio Standa	27500
11.200	V	RADIO ZAINET	27500
11.200	V	Radioshora	27500
11.566	H	Boday Time TV	27500
11.566	H	Church Channel	27500
11.566	H	EL SHAFAA	27500
11.566	H	IPN	27500
11.566	H	JASMIN TV	27500
11.566	H	JCTV	27500
11.566	H	NEJAT TV	27500
11.566	H	PARVAZ TV	27500
11.566	H	Smile of a Child	27500
11.566	H	Smile of a Child Rus	27500
11.566	H	TBN Europe	27500
11.566	H	TBN ITALIA	27500
11.566	H	TBN RUSSIA	27500
11.566	H	TBNEspain	27500
11.585	V	Private Spice	27500
11.585	V	TV GLOBO	27500
11.585	V	.Viva L'Italia Chann	27500
11.585	V	Ariana TV	27500
11.585	V	Aynagaran TV	27500
11.585	V	BFM TV	27500
11.585	V	DAYSTAR TV	27500
11.585	V	E'TV Emilia Romagna	27500
11.585	V	EWTN UK	27500
11.585	V	INSPIRATIONNAL	27500
11.585	V	ISLAM TV	27500
11.585	V	LIVE CASINO	27500
11.585	V	Payam	27500
11.585	V	RTS SAT	27500
11.585	V	TISHK TV	27500
11.585	V	Test Radio Globo	27500
11.585	V	Payam Quran	27500
11.604	H	' ' Hot Arab Sex	27500
11.604	H	+18 Love Girls	27500
11.604	H	.arab babes	27500
11.604	H	7'armanat Nar	27500
11.604	H	Ailaj TV	27500
11.604	H	Arab XXX	27500
11.604	H	arab-69.tv	27500
11.604	H	Arab-Jins	27500
11.604	H	ARD "Das Erste"	27500
11.604	H	ASO SAT	27500
11.604	H	DM Digital	27500
11.604	H	DW-TV ARABIA	27500
11.604	H	DW-TV EUROPA	27500
11.604	H	Erde und Mensch	27500
11.604	H	Italiamia	27500
11.604	H	Lebnaniat TV.	27500
11.604	H	Love TV	27500
11.604	H	Napoli TLA	27500
11.604	H	Pali Television	27500
11.604	H	RTL 2 CH	27500
11.604	H	Sexty9 Arab	27500
11.604	H	Sexy love girls	27500
11.604	H	Sexy Sexy TV	27500
11.604	H	Tele A	27500
11.604	H	Tele A+	27500
11.604	H	Wala3 Arab tv	27500
11.604	H	xxx Action TV	27500
11.604	H	DW-FEED1	27500
11.604	H	DW-FM01	27500
11.604	H	DW-FM02	27500
11.604	H	DW-FM03	27500
11.604	H	DW-FM04	27500
11.604	H	DW-FM06	27500
11.604	H	DW-FM07	27500
11.604	H	DW-M	27500
11.604	H	DW01	27500
11.604	H	DW02	27500
11.604	H	DW04	27500
11.604	H	DW05	27500
11.604	H	DW06	27500
11.604	H	DW08	27500
11.604	H	DW09	27500
11.604	H	RNW-4	27500
11.623	V	KBS_WORLD	27500
11.623	V	Abu_dhabi_Sport	27500
11.623	V	ARTE	27500
11.623	V	Best_of_Shopping	27500
11.623	V	BEUR TV	27500
11.623	V	Carisma_TV	27500
11.623	V	Cartomanzia_LOTTO	27500
11.623	V	DAN TV	27500
11.623	V	ITALIA SAT	27500
11.623	V	ITALIA_CHANNEL	27500
11.623	V	ITALY ITALY	27500
11.623	V	K+	27500
11.623	V	Nostradamus	27500
11.623	V	PIANETA	27500
11.623	V	RTL 102.5 TV	27500
11.623	V	TV_ROMANIA	27500
11.623	V	ARTE_Radio.com	27500
11.623	V	Dan Tamil Alai	27500
11.623	V	Guardia Costiera	27500
11.623	V	Radio_Romania_Intern	27500
11.623	V	RadioClassica	27500
11.623	V	Romania_In_direct	27500
11.623	V	RTL 102.5	27500
11.623	V	RTL 102.5 HC	27500
11.623	V	RTL Classic	27500
11.623	V	RTL Italian Style	27500
11.623	V	TRT Tamil Oli	27500
11.642	H	Bloomberg Feeds (B	27500
11.642	H	Bloomberg Feeds (B	27500
11.642	H	Bloomberg Feeds (B	27500
11.642	H	Bloomberg Feeds (B	27500
11.642	H	Bloomberg Feeds (B	27500
11.642	H	Bloomberg Feeds (B	27500
11.642	H	Bloomberg Feeds (E	27500
11.642	H	Bloomberg Feeds (Mir	27500
11.642	H	Bloomberg Feeds (S	27500
11.642	H	Bloomberg Feeds (S	27500
11.642	H	Bloomberg Feeds (Era	27500
11.642	H	Bloomberg Feeds (Era	27500
11.642	H	Bloomberg Feeds (Era	27500
11.642	H	Bloomberg Feeds (Era	27500
11.645	H	Bloomberg French TV	27500
11.645	H	Bloomberg Italian TV	27500
11.645	H	Bloomberg Spain TV	27500
11.645	H	Bloomberg English TV	27500
11.645	H	Bloomberg European T	27500
11.645	H	Bloomberg German TV	27500
11.645	H	ERTSAT Europe	27500
11.645	H	Miracle TV	27500
11.645	H	SAT-7 KIDS	27500
11.645	H	SAT-7 PARS	27500
11.645	H	Era 1	27500
11.645	H	Era 2	27500
11.645	H	Era 3	27500
11.645	H	Era 5	27500
11.645	H	Era Sport	27500
11.678	H	AB MOTEURS	27500
11.678	H	AB1	27500
11.678	H	ACTION	27500
11.678	H	ANIMAUX	27500
11.678	H	CHASSE & PECHE	27500
11.678	H	ENCYCLOPEDIA	27500
11.678	H	ESCALES	27500
11.678	H	Fit/Toute l'Histoire	27500
11.678	H	France 5	27500
11.678	H	France ô	27500
11.678	H	LCP	27500
11.678	H	MANGAS	27500
11.678	H	RTL9	27500
11.678	H	TF1	27500
11.678	H	VIDEOCLICK	27500
11.678	H	XXL	27500
11.678	H	XXL PL	27500
11.678	H	NT1	27500
12.520	V	HRT PLUS	27500
12.520	V	HRT-TV2	27500
12.520	V	Health&Beauty TV	27500
12.520	V	HRT-TV1	27500
12.520	V	Ishtar TV	27500
12.520	V	Italia 8	27500
12.520	V	Jewels Sorg1	27500
12.520	V	Jewels Sorg2	27500
12.520	V	Jewels Sorg3	27500
12.520	V	NOELLO SAT	27500
12.520	V	OASI TV	27500
12.520	V	RBC-TV	27500
12.520	V	TAXI CHANNEL	27500
12.520	V	DALMATIA	27500
12.520	V	HIT MREZA	27500
12.520	V	HKR	27500
12.520	V	HRT HR-Pula	27500
12.520	V	HRT-HR1	27500
12.520	V	HRT-HR2	27500
12.520	V	HRT-HR3	27500
12.520	V	MEDIASERVIS	27500
12.520	V	Narodni radio	27500
12.520	V	OTVORENI	27500
12.520	V	PEVEC RADIO	27500
12.520	V	R MIR M	27500
12.520	V	Radio Banovina	27500
12.520	V	RADIO MARIJA	27500
12.520	V	RKC	27500
12.520	V	VOICE OF CRO	27500
12.539	H	A3	27500
12.539	H	BLU TDA	27500
12.539	H	BLUTV	27500
12.539	H	Canal Algerie	27500
12.539	H	CARPE DIEM	27500
12.539	H	DIRECT 8	27500
12.539	H	feed	27500
12.539	H	GENIUS TV	27500
12.539	H	MEDIOLANUM	27500
12.539	H	Nile News	27500
12.539	H	Nile TV Internationa	27500
12.539	H	RETE ORO	27500
12.539	H	TV8 Mt Blanc	27500
12.539	H	TVA Vicenza	27500
12.539	H	Universal TV	27500
12.539	H	Al moaghat	27500
12.539	H	Chaine 1	27500
12.539	H	Chaine 2	27500
12.539	H	Chaine 3	27500
12.539	H	El Shaam El Awsat	27500
12.558	V	Administra.it - FLTV	27500
12.558	V	AL JAZEERA CHILDR	27500
12.558	V	Baraem	27500
12.558	V	T. R. Padre Pio	27500
12.558	V	TELELOTTO	27500
12.577	H	Canal +	27500
12.577	H	I tele	27500
12.577	H	M6	27500
12.577	H	Orange ciné choc	27500
12.577	H	Orange ciné choc gen	27500
12.577	H	Orange ciné géants	27500
12.577	H	Orange ciné géants g	27500
12.577	H	Orange ciné happy	27500
12.577	H	Orange ciné happy ge	27500
12.577	H	Orange ciné max	27500
12.577	H	Orange ciné max ge	27500
12.577	H	Orange ciné max HD	27500
12.577	H	Orange ciné novo	27500
12.577	H	Orange ciné novo gen	27500
12.577	H	Orange foot	27500
12.577	H	Orange foot generete	27500
12.577	H	W9	27500
12.577	H	Orange foot HD	27500
12.597	V	CNNi	27500
12.597	V	JSTV2	27500
12.597	V	1TVRUS Europe	27500
12.597	V	ARM_1	27500
12.597	V	BBC World News	27500
12.597	V	Euronews	27500
12.597	V	JSTV1	27500
12.597	V	Planeta Sport	27500
12.597	V	AWR Radio 128Kbit	27500
12.597	V	Family Europe	27500
12.597	V	Family Int 1	27500
12.597	V	Family Int 2	27500
12.597	V	GBTS1	27500
12.597	V	GBTS2	27500
12.597	V	GBTS3	27500
12.597	V	GBTS4	27500
12.597	V	GBTS5	27500
12.597	V	GBTS6	27500
12.597	V	GBTS7	27500
12.597	V	IBC TAMIL RADIO	27500
12.597	V	PEC 3 RRI 3	27500
12.597	V	PRO Radio	27500
12.597	V	Radio New Hope	27500
12.597	V	RCI 1	27500
12.597	V	RCI 2	27500
12.597	V	RCI 3	27500
12.597	V	RD1_Radio_ARMENIA	27500
12.597	V	RTE	27500
12.597	V	Sedayelran	27500
12.597	V	The Voice	27500
12.597	V	WRN Deutsch	27500
12.597	V	WRN English	27500
12.597	V	WRN Events	27500
12.597	V	WRN Francais	27500
12.597	V	WRN Russkij	27500
12.597	V	WRN Sawt Al Alam	27500
12.597	V	WRN Special	27500
12.597	V	YLESAT 1	27500
12.597	V	YLESAT 2	27500

HOT008KB

11.470	V	Nick Polska	27500
11.470	V	AL Malakoot TV	27500
11.470	V	Ariana	27500
11.470	V	BET NAHRAIN	27500
11.470	V	Channel 6	27500
11.470	V	ICC TV	27500
11.470	V	IRAN	27500
11.470	V	JAAM E JAM	27500
11.470	V	Mktv Sat	27500
11.470	V	MOHABAT TV	27500
11.470	V	Napoli International	27500
11.470	V	OMID E IRAN	27500
11.470	V	OU	27500
11.470	V	PEN TV	27500
11.470	V	PROPHETIC	27500
11.470	V	RIKSAT	27500
11.470	V	SALAAM TV	27500
11.470	V	Satlink OU	27500
11.470	V	TAPESH	27500
11.470	V	Tasvir Iran	27500
11.470	V	Bahai Radio	27500
11.470	V	Makedonsko Radio	27500
11.470	V	Radio Mojdeh	27500
11.541	V	ESP2 Hungary	22000
11.541	V	ESP2 Romania	22000
11.541	V	50 Canale	22000
11.541	V	BERGAMOSAT	22000
11.541	V	La Nuova TV	22000
11.541	V	Magic TV	22000
11.541	V	Nessuno TV	22000
11.541	V	ROMAUNO	22000
11.541	V	Sardegna Channel	22000
11.541	V	Telelombardia	22000
11.541	V	TeleTirreno	22000
11.541	V	THOU TV	22000
11.541	V	Toscana Channel	22000
11.541	V	TV7 LOMBARDIA	22000
11.541	V	Umbria Channel	22000
11.

Communications for Enterprise

The largest gathering of the **region's Operators and Service Providers** doing business with their enterprise customers

09

MECOM 2009
Middle East Communications

exhibition . forum . tv

25-27 May 2009
Abu Dhabi National Exhibition Centre
Abu Dhabi, UAE

connect
Strategic Telecoms Summit

TV MECOM
CEO Forum

Your gateway to the **Middle East** – one of the **fastest growing** telecoms markets in the world

Reserve your space TODAY!
For more information and exhibiting, contact the MECOM team on:
Tel. +971 4 407 2583 or email at mecom@iirme.com
www.mecomexpo.com

Organised by: IIR MIDDLE EAST an informa business

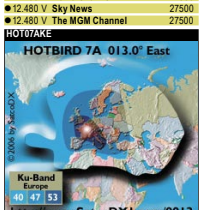
Media Partners: Comm., SATELLITE, Teletimes International, تكنولوجيا واتصالات Technology & Telecommunication, GLOBALRESOURCES

computernews MIDDLE EAST, NetworkWorld MIDDLE EAST, TELECOM Review

Online Media Partners: Developing TELECOMS, NOOZZ.com, juniper research, IT Insight, OXFORD BUSINESS GROUP

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	MTN-E TV 190	27500
12.226	V	VOA Music Mix 260	27500
12.226	V	VOA Music Mix 261	27500
12.226	V	VOA Music Mix 262	27500
12.226	V	VOA Music Mix 268	27500
12.226	V	VOA Persian TV 295	27500
12.226	V	VOA Persian TV 298	27500
12.226	V	VOA TV 1 (HB1-8)	27500
12.226	V	VOA TV 100 (HB1-4)	27500
12.226	V	VOA TV 240 (HB1-8)	27500
12.226	V	VOA TV 241 (HB1-2,	27500
12.226	V	VOA TV 242 (HB1-2,	27500
12.226	V	VOA TV 250 (HB1-8)	27500
12.226	V	VOA TV 251 (HB1-2,	27500
12.226	V	VOA TV 252 (HB1-2,	27500
12.226	V	Cyprus/Saudi MW 308	27500
12.226	V	Farda Radio 119	27500
12.226	V	Farda Radio 294	27500
12.226	V	IBB VOA Radio 107	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	IBB VOA RFERL Rad	27500
12.226	V	Sawa Egypt Radio 116	27500
12.226	V	Sawa Egypt Radio 290	27500
12.226	V	Sawa Egypt Radio 293	27500
12.226	V	Sawa Gulf Radio 117	27500
12.226	V	Sawa Gulf Radio 291	27500
12.226	V	Sawa Iraq Radio 115	27500
12.226	V	Sawa Iraq Radio 283	27500
12.226	V	Sawa Lebanon Radio 1	27500
12.226	V	Sawa Lebanon Radio 2	27500
12.226	V	Sawa Levant Radio 11	27500
12.226	V	Sawa Levant Radio 28	27500
12.226	V	Sawa N. Africa Radio	27500
12.226	V	Sawa N. Africa Radio	27500
12.226	V	Sawa Sudan Radio 122	27500
12.226	V	Sawa Sudan Radio 297	27500
12.226	V	VOA Music Mix 104	27500
12.226	V	VOA Urdu Radio 310	27500
12.245	H	MEZZO	27500
12.245	H	Al sumariah	27500
12.245	H	Canale Italia	27500
12.245	H	COMING SOON	27500
12.245	H	KURD 1	27500
12.245	H	SAMACOM	27500
12.245	H	SAMACOM 1	27500
12.245	H	SUBACQUEA TV	27500
12.245	H	Syrian Drama Channel	27500
12.245	H	test iredeto 112	27500
12.245	H	FRANCE MAGHREB	27500
12.245	H	RADIO ORIENT	27500
12.245	H	Radio YAADOUT	27500
12.245	H	TRT TAMIL OLLI	27500
12.264	V	HBO HD	27500
12.264	V	Polsat Sport HD	27500
12.264	V	Discovery HD	27500
12.284	H	Boomerang	27500
12.284	H	Dla Abonentow	27500
12.284	H	E!	27500
12.284	H	Jetix Play	27500
12.284	H	Playboy	27500
12.284	H	Test1	27500
12.284	H	Travel	27500
12.284	H	TV1000	27500
12.284	H	Zone Europa	27500
12.284	H	Jedynka - PR	27500
12.284	H	Portal ITV	27500
12.284	H	RMF FM	27500
12.284	H	Test	27500
12.284	H	Trójka - PR	27500
12.284	H	Zlote Przeboje	27500
12.284	H	Planeta FM	27500
12.284	H	Radio PIN 102FM	27500
12.284	H	Radio ZET	27500
12.284	H	RMF Classic	27500
12.284	H	RMF MAXXX	27500
12.303	V	NTV HAYAT SAT	27500
12.303	V	BLU LINE	27500
12.303	V	BVN-TV	27500
12.303	V	CRO MUSIC CHANNEL	27500
12.303	V	DANCE TV	27500
12.303	V	Diva Futura	27500
12.303	V	ITALIAN MUSIC	27500
12.303	V	Kanal e Jadid	27500
12.303	V	LOVEWORLD	27500
12.303	V	PASSIONE PESCA	27500
12.303	V	PLEASURE TV	27500
12.303	V	SLO-TV1	27500
12.303	V	SLO-TV2	27500
12.303	V	SLO-TV3	27500
12.303	V	TV SLJEME	27500
12.303	V	TVS	27500
12.303	V	CAPODISTRIA	27500
12.303	V	RA.OGNJISCE SI	27500
12.303	V	RADIO SI	27500
12.303	V	RNW-1	27500
12.303	V	RNW-2	27500
12.303	V	SLO-RA1-INF	27500
12.303	V	SLO-RA2	27500
12.303	V	SLO-RA3	27500
12.322	H	ESP2 HR	27500
12.322	H	ESP2 Hungary	27500
12.322	H	ESP2 Romania	27500
12.322	H	RTVi Detskii Mir -	27500
12.322	H	RTVi Europe	27500
12.322	H	RTVi ME	27500
12.322	H	RTVi Nashe Kino	27500
12.322	H	SCI FI	27500
12.322	H	UNIVERSAL	27500
12.322	H	France 24 (en Arabe)	27500
12.322	H	RIT-TV	27500
12.322	H	World Fashion Channe	27500
12.322	H	Glas Drine BiH	27500
12.322	H	GRAND	27500
12.322	H	Lijepa nasa (LINA)	27500
12.322	H	MegaRadio	27500
12.322	H	PEIRAIKI EKKLISIA	27500
12.322	H	Radio Azadegan	27500
12.322	H	Radio Dijla	27500
12.322	H	Radio SRNA-BOSANK	27500
12.322	H	SvetPLUS	27500
12.322	H	TREF Radio	27500
12.341	V	Prima Fila 13	27500
12.341	V	Prima Fila 14	27500
12.341	V	Prima Fila 15	27500
12.341	V	Prima Fila 18	27500
12.341	V	Prima Fila 20	27500
12.341	V	Prima Fila 21	27500
12.341	V	Prima Fila 23	27500
12.341	V	Prima Fila 26	27500
12.341	V	Prima Fila 27	27500
12.341	V	Prima Fila 30	27500
12.360	H	SEX VIEW 247	27500
12.360	H	SEX VIEW CLIMAX	27500
12.360	H	SEX VIEW DP	27500
12.360	H	SEX VIEW EXTRA	27500
12.360	H	SEX VIEW EXTREME	27500
12.360	H	SEX VIEW GAY	27500
12.360	H	SEX VIEW HARDCORE	27500
12.360	H	SEX VIEW HOT	27500
12.360	H	SEX VIEW INTER	27500
12.360	H	SEX VIEW PLUS	27500
12.360	H	SEX VIEW SPECIAL	27500
12.360	H	SEX VIEW TV	27500
12.360	H	!ALLOVE	27500
12.360	H	3IO TV	27500
12.360	H	CASA ITALIA	27500
12.360	H	CASTING CHANNEL	27500
12.360	H	ETRURIA CHANNEL	27500
12.360	H	GALAXY	27500
12.360	H	HOUSE CHANNEL	27500
12.360	H	MARE TV	27500
12.360	H	MONDO ARTE	27500
12.360	H	ONE MINUTE TV	27500
12.360	H	R1	27500
12.360	H	SEXWORLD	27500
12.360	H	SEXYSAT2	27500
12.380	V	EQUIDIA PRO	27500
12.380	V	Abu Dhabi	27500
12.380	V	ALBAGHDADIA	27500
12.380	V	HOLY GOD	27500
12.380	V	Living God	27500
12.380	V	RTV Montenegro	27500
12.380	V	SAT 7	27500
12.380	V	Saudi arabia TV2	27500
12.380	V	Syria Satellite Chan	27500
12.380	V	Telepace	27500
12.380	V	The Spirit Word Chan	27500
12.380	V	Yemen TV	27500
12.380	V	ZAHRAA TV	27500
12.380	V	Aden Radio	27500
12.380	V	Emirates FM	27500
12.380	V	Main General Program	27500
12.380	V	Radio MARIA	27500
12.380	V	Radio Montenegro	27500
12.380	V	RADIO SAN	27500
12.380	V	RFI Francais	27500
12.380	V	Sana'a radio	27500
12.380	V	Voice Of People	27500
12.380	V	Voice of Youth	27500
12.399	H	HD suisse	27500
12.399	H	SF 1	27500
12.399	H	SF zwei	27500
12.399	H	SF info	27500
12.399	H	SRG-DRS 1	27500
12.399	H	SRG-DRS 2	27500
12.399	H	SRG-DRS 3	27500
12.399	H	SRG-DRS 4 News	27500
12.399	H	SRG-DRS Musikwelle	27500
12.399	H	SRG-DRS Virus	27500
12.399	H	SRG-Rumantsch	27500
12.399	H	SRG-Swiss Classic	27500
12.399	H	SRG-Swiss Jazz	27500
12.399	H	SRG-Swiss Pop	27500
12.418	V	Prima Fila 1	27500
12.418	V	Prima Fila 10	27500
12.418	V	Prima Fila 12	27500
12.418	V	Prima Fila 2	27500
12.418	V	Prima Fila 31	27500
12.418	V	Prima Fila 4	27500
12.418	V	Prima Fila 6	27500
12.418	V	Prima Fila 7	27500
12.418	V	Prima Fila 9	27500
12.418	V	Vetrina Primafila	27500
12.437	H	ALALAM	27500
12.437	H	ALKAWTHAR	27500
12.437	H	FEED	27500
12.437	H	IRIB QURAN	27500
12.437	H	IRIB1 PER	27500
12.437	H	IRIB1ENG	27500
12.437	H	IRIB2 ENG	27500
12.437	H	IRIB2 PER	27500
12.437	H	IRINN	27500
12.437	H	PRESS TV	27500
12.437	H	SAHAR	27500
12.437	H	ASHNA 1	27500
12.437	H	IRIB1/IRIB2	27500
12.437	H	IRIB3/IRIB6	27500
12.437	H	IRIB5/IRIB4	27500
12.437	H	RADIO IRAN	27500
12.437	H	RADIO MAAREF(ENG)	27500
12.437	H	RADIO QURAN	27500
12.466	V	Boomerang	27500
12.466	V	Boomerang +1	27500
12.466	V	Cartoon +1	27500
12.466	V	CNBC	27500
12.466	V	Cooltoon	27500
12.466	V	Fox News	27500
12.466	V	GXT +1	27500
12.466	V	Hallmark	27500
12.466	V	Jetix +1	27500
12.466	V	LEI	27500
12.466	V	Roma Channel	27500
12.466	V	Sky News	27500
12.466	V	The MGM Channel	27500
12.476	H	Alpha Punjabi	27500
12.476	H	Zee cinema	27500
12.476	H	Zee TV	27500
12.476	H	AIR BOX TV	27500
12.476	H	AL Rasheed TV	27500
12.476	H	ICC+	27500
12.476	H	KJC	27500
12.476	H	KNN TV	27500
12.476	H	KOMALA	27500
12.476	H	KOREK TV	27500
12.476	H	LIBERTY TV NL	27500
12.476	H	LIVE CHANNEL	27500
12.476	H	Mezopotamia	27500
12.476	H	Newroz TV	27500
12.476	H	ROJ	27500
12.476	H	UM TV	27500
12.476	H	XTC	27500
12.476	H	ZAGROS TV	27500
12.476	H	Rouge FM	27500
12.476	H	AL Rasheed Radio	27500
12.476	H	Almahaba	27500
12.476	H	Denge Radio	27500
12.476	H	Radio 74	27500
12.476	H	Radio Eviva	27500
12.476	H	Radio Top Two	27500
12.476	H	Radio Zamaneh	27500
12.476	H	RVI 1	27500
12.476	H	RVI 2	27500
12.476	H	ZAGROS RADIO	27500
12.480	V	Boomerang	27500
12.480	V	Boomerang +1	27500
12.480	V	Cartoon +1	27500
12.480	V	CNBC	27500
12.480	V	Cooltoon	27500
12.480	V	Fox News	27500
12.480	V	GXT +1	27500
12.480	V	Hallmark	27500
12.480	V	Jetix +1	27500
12.480	V	LEI	27500
12.480	V	Roma Channel	27500
12.480	V	Sky News	27500
12.480	V	The MGM Channel	27500



Freq	Pol	Channel Name	Symbol rate
10.719	V	DTV CABLE MI	27500
10.719	V	DTV CABLE PL	27500
10.719	V	HALLMARK	27500
10.719	V	HBO	27500
10.719	V	HBO COMEDY	27500
10.719	V	HBO2	27500
10.719	V	INFO+/C+ Sport2	27500
10.719	V	MINIMINI	27500
10.719	V	Movies24	27500
10.719	V	MTV TWO	27500
10.719	V	Orange Sport	27500
10.719	V	PLANETE	27500
10.719	V	4fun.TV	27500
10.719	V	PATIO TV	27500
10.719	V	ESP	27500
10.719	V	tech 3	27500
10.723	H	10,722 H	29900
10.723	H	ANT1 EUROPE	29900
10.723	H	Buzz TV	29900
10.723	H	Canale 8	29900
10.723	H	Deepam TV	29900
10.723	H	Holiday Sat - Gold S	29900
10.723	H	Laurenti Channel	29900
10.723	H	LAZIO CHANNEL	29900
10.723	H	MTA INTL	29900
10.723	H	RTPi	29900
10.723	H	Telecolore	29900
10.723	H	Thendral	29900
10.723	H	NPR	29900
10.723	H	Radio A1	29900
10.723	H	RDPi Radio	29900
10.775	H	AFN Atlantic/Power	28000
10.775	H	AFN Iraq Radio	28000
10.775	H	Bavaria	28000
10.775	H	Benelux	28000
10.775	H	Eifel	28000
10.775	H	Franconia	28000
10.775	H	Guide/Adult Rock	28000
10.775	H	Guide/AFN Bavaria	28000
10.775	H	Guide/AFN Bavaria	28000
10.775	H	Guide/AFN Benelux	28000
10.775	H	Guide/AFN Benelux	28000
10.775	H	Guide/AFN Franconi	28000
10.775	H	Guide/AFN Franconi	28000
10.775	H	Guide/AFN Heidelbe	28000
10.775	H	Guide/AFN Heidelbe	28000
10.775	H	Guide/AFN Hessen E	28000
10.775	H	Guide/AFN Hessen P	28000
10.775	H	Guide/AFN Kaisersl	28000
10.775	H	Guide/AFN Kaisersl	28000
10.775	H	Guide/AFN News Rad	28000
10.775	H	Guide/AFNE Eagle	28000
10.775	H	Guide/AFNE PowerNe	28000
10.775	H	Guide/Bright AC	28000
10.775	H	Guide/Contingency	28000
10.775	H	Guide/Country	28000
10.775	H	Guide/ESPN Radio	28000
10.775	H	Guide/Fox Sports Tal	28000
10.775	H	Guide/Hot AC	28000
10.775	H	Guide/NPR	28000
10.775	H	Guide/PowerNet/Hot	28000
10.775	H	Guide/Pure Gold	28000
10.775	H	Guide/The Touch	28000
10.775	H	Guide/Z-rock ABC H	28000
10.775	H	Heidelberg	28000
10.775	H	Hessen	28000
10.775	H	Kaiserslautern	28000
10.775	H	Pacific/Pure Gold	28000
10.775	H	Spectrum/Touch/Conti	28000
10.775	H	Sports/ESPN/FoxSpo	28000
10.775	H	Voice	28000
10.775	H	Bars and Test Tone +	28000
10.775	H	SMPTE Time Code	28000
10.775	H	UI Split/Voice	28000
10.795	V	D. SCIENCE	27500
10.795	V	D. TRAVEL	27500
10.795	V	D. WORLD	27500
10.795	V	NATIONAL GEO	27500
10.795	V	EDUSAT	27500
10.795	V	POLONIA1	27500
10.795	V	TELE5	27500
10.795	V	MusicC. Dance	27500
10.795	V	MusicC. Klasyka	27500
10.795	V	MusicC. Oldies	27500
10.795	V	MusicC. Pop	27500
10.795	V	MusicC. Rock	27500
10.795	V	MusicC. Swiat	27500
10.795	V	MusicC. Urban	27500
10.892	H	119 test 1 E	27500
10.892	H	119 test 1. E	27500
10.892	H	119 test 2 E	27500
10.892	H	119 test 2. E	27500
10.892	H	119 test 3 E	27500
10.892	H	119 test 3. E	27500
10.892	H	ALE KINO!	27500
10.892	H	CANAL+	27500
10.892	H	CANAL+ FILM	27500
10.892	H	CANAL+ SPORT	27500
10.892	H	DOMO	27500
10.892	H	DTV CABLE	27500
10.892	H	DTV CABLE 2	27500
10.892	H	DTV CABLE 3	27500
10.892	H	DTV CABLE AL	27500
10.892	H	DTV CABLE KU	27500
10.892	H	DTV CABLE ZI	27500
10.892	H	H test 1	27500
10.892	H	H test 2	27500
10.892	H	H test 3	27500
10.892	H	KUCHNIA.TV	27500
10.892	H	TVP 1	27500
10.892	H	TVP 2	27500
10.892	H	ZigZap	27500
10.892	H	CYFRA+ RADIO	27500
10.892	H	CYFRA+ RMF	27500
10.892	H	tech 2	27500
10.892	H	CYFRA+ PR	27500
10.892	H	tech	27500
10.930	H	A TEST	27500
10.930	H	Animal Planet	27500
10.930	H	MAD GREEKZ	27500
10.930	H	MGM	27500
10.930	H	MTV	27500
10.930	H	National Geographic	27500
10.930	H	novacinema1 Cy	27500
10.930	H	novacinema2	27500
10.930	H	novacinema2 Cy	27500
10.930	H	novasports3	27500
10.930	H	novasports3 Cy	27500
10.930	H	OTV Test	27500
10.930	H	SIGMA SPORTS 2	27500
10.930	H	Travel Channel	27500
10.930	H	VH1	27500
10.930	H	CITY 99,5	27500
10.930	H	CY Feed	27500
10.930	H	NOVA SCOPE	27500
10.930	H	novasport FM	27500
10.930	H	REAL FM	27500
10.930	H	SENTRA FM	27500
10.949	V	Cartoon Network	27500
10.949	V	CN/TCM	27500
10.949	V	Disney Channel	27500
10.949	V	Turner Classic Movie	27500
10.949	V	Al Forat	27500
10.949	V	Al Hiwar TV	27500
10.949	V	All Music	27500
10.949	V	ANB	27500
10.949	V	DMC TV	27500
10.949	V	Noursat	27500
10.949	V	Rete Capri	27500
10.949	V	Sun KTV	27500
10.949	V	Sun TV +442083356780	27500
10.949	V	Al Forat Radio	27500
10.949	V	IRN	27500
10.949	V	Radio Capri	27500
10.949	V	Suryan Radio	27500
11.117	V	BBC CBeebies Polan	27500
11.117	V	BBC Entertainment Po	27500
11.117	V	BBC Knowledge Poland	27500
11.117	V	BBC Lifestyle Poland	27500
11.117	V	BBC Prima	27500
11.117	V	Wedding TV	27500
11.117	V	BBC Persian	27500
11.117	V	BBC WS Persian Rad	27500
11.219	H	50 songs	27500
11.219	H	B-Side	27500
11.219	H	Baby Mix	27500
11.219	H	BBC Prime	27500
11.219	H	Bloomberg	27500
11.219	H	Capital '70	27500
11.219	H	DeAKids +1	27500
11.219	H	Disc Joker	27500
11.219	H	Discovery +1	27500
11.219	H	Extrabeat	27500
11.219	H	Heart n' song	27500
11.219	H	Hip Hop TV	27500
11.219	H	Hit Italia	27500
11.219	H	ItalianVintage	27500
11.219	H	Jazz & Fusion	27500
11.219	H	Jazz Gold	27500
11.219	H	Livetime	27500
11.219	H	Matchmusic	27500
11.219	H	Mediaset Plus	27500
11.219	H	Music on SKY	27500
11.219	H	New Rock	27500
11.219	H	Onda Latina	27500
11.219	H	Opera	27500
11.219	H	Out Of Mind	27500
11.219	H	Rock Classic	27500
11.219	H	Rock Shock	27500
11.219	H	Rock TV	27500
11.219	H	Sinfonia	27500
11.219	H	Soul Train	27500
11.219	H	Soulsista	27500
11.219	H	Stardust	27500
11.219	H	Yesterjay '60	27500
11.219	H	Yesterjay '80	27500
11.219	H	Yesterjay '90	27500
11.219	H	CNN Intl.	27500
11.240	V	Club-RTL	27500
11.240	V	Disney Channel	27500
11.240	V	La Deux	27500
11.240	V	La Une	27500
11.240	V	Plug-RTL	27500
11.240	V	RTL-TVi	27500
11.240	V	ESP Bulgarian	27500
11.240	V	ESP Cyprus	27500
11.240	V	ESP Czech	27500
11.240	V	ESP Dutch	27500
11.240	V	ESP Greek	27500
11.240	V	ESP Hungarian	27500
11.240	V	ESP Int'l	27500
11.240	V	ESP Polish	27500
11.240	V	ESP Portuguese	27500
11.240	V	ESP Romanian	27500
11.240	V	ESP Russian	27500
11.240	V	ESP Serbia	27500
11.240	V	ESP Turk	27500
11.240	V	ESP2 German	27500
11.240	V	ESP2 Greek	27500
11.240	V	ESP2 Int'l	27500
11.240	V	ESP2 Romanian	27500
11.240	V	ESP2 Rus	27500
11.240	V	ESP2 Serbia	27500
11.240	V	ESP2 Turk	27500
11.240	V	EUROSPORT PL	27500
11.240	V	EUROSPORT2 PL	27500
11.240	V	EUSP2 PL	27500
11.240	V	France 24 (en Franca	27500
11.240	V	France 24 (in Englis	27500
11.240	V	RTBF SAT	27500
11.240	V	Prod ESP	27500
11.240	V	Prod ESP2	27500
11.240	V	RTBF International	27500
11.258	H	AXN	27500
11.258	H	Boomerang	27500
11.258	H	Cartoon TCM	27500
11.258	H	Cinemax 1	27500
11.258	H	Cinemax 2	27500
11.258	H	DaVinci	27500
11.258	H	HBO HD	27500
11.258	H	Jetix	27500
11.258	H	Jetix Play	27500
11.258	H	Jim Jam	27500
11.258	H	MTV2	27500
11.258	H	NASN	27500
11.258	H	OTV	27500
11.258	H	Sport Klub	27500
11.258	H	Sport Klub +	27500
11.258	H	TVP Historia	27500
11.258	H	TVP HD	27500
11.258	H	ITVN EU	27500
11.258	H	R1	27500
11.278	V	HBO HD	27500
11.278	V	CANAL+ FILM HD	27500
11.278	V	CANAL+ SPORT HD	27500
11.278	V	ESP HD Bulgaria	27500
11.278	V	ESP HD Czech	27500
11.278	V	ESP HD Dutch	27500
11.278	V	ESP HD German	27500
11.278	V	ESP HD Hungarian	27500
11.278	V	ESP HD Intl	27500
11.278	V	ESP HD Italy	27500
11.278	V	ESP HD Polish	27500
11.278	V	ESP HD Portuguese	27500
11.278	V	ESP HD Russian	27500
11.278	V	ESP HD Turk	27500
11.278	V	EUROSPORT HD	27500
11.278	V	EUROSPORT HD PL	27500
11.278	V	EUSP PL AUDIO	27500
11.296	H	CONTO TV 1	27500
11.296	H	CONTO TV2	27500
11.296	H	JSC SPORT+4	27500
11.296	H	AB Channel	27500
11.296	H	ALL TV	27500
11.296	H	BLU	27500
11.296	H	Challenger Tv	27500
11.296	H	CONTO TV	27500
11.296	H	CONTO TV 3	27500
11.296	H	CONTO TV 4	27500
11.296	H	Denaro Tv	27500
11.296	H	Diva Tv	27500
11.296	H	Free channel	27500
11.296	H	IMC	27500
11.296	H	LIBERA	27500
11.296	H	Mediterraneo Sat 2	27500
11.296	H	MilanoTV Sat	27500
11.296	H	Nostradamus Mia	27500
11.296	H	ONE	27500
11.296	H	Punto Sat	27500
11.296	H	Radio Italia TV	27500
11.296	H	ROLSAT	27500
11.296	H	S.Neu Jerusalem	27500
11.296	H	TEF CHANNEL	27500
11.355	V	SKY Focus HD	27500
11.355	V	Fox Life +1	27500
11.355	V	Kiss Kiss	27500
11.355	V	M2O	27500
11.355	V	Music Box	27500
11.355	V	Prima Fila 22	27500
11.355	V	Prima Fila 28	27500
11.355	V	Prima Fila 29	27500
11.355	V	R 101	27500
11.355	V	Radio 105	27500
11.355	V	Radio 24	27500
11.355	V	Radio Capital	27500
11.355	V	Radio DeeJay	27500
11.355	V	Radio Italia	27500
11.355	V	Radio Montecarlo	27500
11.355	V	Radio on SKY	27500
11.355	V	RDS	27500
11.355	V	RTL 102.5	27500
11.355	V	SKY Assist	27500
11.355	V	Virgin Radio	27500
11.355	V	SKY Test	27500
11.393	V	Test	27500
11.393	V	TVN	27500
11.393	V	TVN 24	27500
11.393	V	TVN CNBC Biznes	27500
11.393	V	TVN METEO	27500
11.393	V	TVN Siedem	27500
11.393	V	TVN Style	27500
11.393	V	TVN TURBO	27500
11.393	V	Mango 24	27500
11.393	V	test_radio	27500
11.411	H	Dorcel TV	27500
11.411	H	SEX ON TV CLASSIC	27500
11.411	H	SEX ON TV CRYSTAL	27500
11.411	H	SEX ON TV GOLD	27500
11.411	H	SEX ON TV SYLVER	27500
11.411	H	ADJARA TV	27500
11.411	H	Al-Hayat	27500
11.411	H	Bethel TV	27500
11.411	H	CALABRIA	27500
11.411	H	Cancao Nova	27500
11.411	H	ECTV	27500
11.411	H	Extra 3	27500
11.411	H	RANG A RANG	27500
11.411	H	RTA	27500
11.411	H	SEX ON TV DIAMOND	27500
11.411	H	TAPESH TV2	27500
11.411	H	TIZIANA SAT	27500
11.411	H	TV2DAY	27500
11.449	H	Discovery HD	27500
11.449	H	MGM	27500
11.449	H	nSport	27500
11.449	H	TVN HD	27500
11.488	H	S107	27500
11.488	H	S108	27500
11.488	H	ANIMAL PLANET	27500
11.488	H	CINEMAX	27500
11.488	H	CNBC	27500
11.488	H	KINO POLSKA	27500
11.488	H	TRACE TV	27500
11.488	H	TVP INFO	27500
11.488	H	ZONE CLUB	27500
11.488	H	ZONE REALITY	27500
11.488	H	ITV	27500
11.488	H	PULS	27500
11.488	H	TV POLONIA	27500
11.488	H	TVP Kultura	27500
11.526	H	TSI1	27500
11.526	H	TSI2	27500
11.526	H	TSR1	27500
11.526	H	TSR2	27500
11.526	H	SSR-CH-Classique	27500
11.526	H	SSR-Couleur3	27500
11.526	H	SSR-Espace 2	27500
11.526	H	SSR-La tere	27500
11.526	H	SSR-Option Musique	27500
11.526	H	SSR-Rete Due	27500
11.526	H	SSR-Rete Tre	27500
11.526	H	SSR-Rete Uno	27500
11.526	H	SSR-WRS	27500
11.747	H	AL ARABIYA	27500
11

PSA-5

PORTABLE SPECTRUM ANALYZER

950-2150 MHz Range
High resolution spectrum
High dynamic range
DVB-S measurement
High level accuracy
Small and light weight
Easy to use

SG Lab Ltd.
Tel.: 00359 2 9784226, Sofia, Bulgaria
e-mail: info@sg-lab.com

www.sg-lab.com

● 11.449 H News 24 27500	11.596 H DORCEL TV 30000	11.534 H TCM 30000	11.797 H PREMIERE 1 27500
● 11.449 H Ora News 27500	11.596 H Equidia 30000	11.534 H TELE REUNION 30000	11.797 H PREMIERE 2 27500
● 11.449 H RTV 21 27500	11.596 H Eurosport 30000	11.534 H TEMPO/FRANCE Ô 30000	11.797 H PREMIERE 3 27500
● 11.449 H SuperSport 1 27500	11.596 H Eurosport 2 30000	11.534 H TMC 30000	11.797 H PREMIERE 4 27500
● 11.449 H SuperSport 2 27500	● 11.596 H EVENTS 30000	11.534 H TRACE 30000	11.797 H PREMIERE KRIMI 27500
● 11.449 H SuperSport 3 27500	11.596 V EXTREME SPORTS 30000	11.534 H TV5 30000	11.817 V C CINEMA EMOTION 27500
● 11.449 H SuperSport 4 27500	11.596 H Hotshow 30000	11.534 H VOYAGE 30000	11.817 V C CINEMA FRISSON 27500
● 11.449 H SuperSport 5 27500	11.596 H Infosport 30000	11.575 H ANTENNE REUNION 30000	11.817 V HISTOIRE 27500
● 11.449 H TVSH 27500	11.596 V KANAL AUSTRAL 30000	11.575 H BBC WORLD 30000	11.817 V ITELE 27500
East Africa	11.596 H LCI 30000	11.575 H CANAL+ FAMILY 30000	11.817 V JIMMY 27500
EUTELSAT W2	11.596 H M6 Music Black 30000	11.575 H CUISINE.TV 30000	11.817 V LA CHAINE METEO 27500
16.1 East	11.596 H M6 Music Hits 30000	11.575 H DISNEY CINEMAGIC 30000	11.817 V PARIS PREMIERE 27500
EUT0W2RE	11.596 V NATIONAL GEO 30000	11.575 H EURONEWS 30000	11.817 V SEASONS 27500
	11.596 H Odyssee 30000	11.575 H GAME ONE 30000	11.817 V SPORT+ 27500
	11.596 V PLANETE JNR/THAL 30000	11.575 H LCP 30000	11.817 V EURONEWS 27500
	● 11.596 H Planete JR 30000	11.575 H MCM POP 30000	11.817 V MEZZO 27500
	11.596 V PRIVATE SPICE 30000	11.575 H MOTORS TV 30000	11.817 V MEZZO. 27500
	11.596 H TF1 30000	11.575 H MTV 30000	● 11.876 H AXN Action 27500
	11.596 H TPS FOOT 30000	11.575 H PLANETE NO LIMIT 30000	11.876 H BOOMERANG (a/P) 27500
	11.596 H TPS Star 30000	11.575 H SEASONS 30000	11.876 H DISNEY PLAYHOUSE 27500
	● 11.596 V TRACE TROPICAL 30000	● 11.575 H SPORT+ 30000	11.876 H DISNEY TOON (P) 27500
	11.596 H TV Breizh 30000	11.575 H TEST 30000	11.876 H E.CLIPS (P) 27500
	11.596 V USHUAIA TV 30000	11.575 H TEVA 30000	11.876 H KINOWELT TV (P) 27500
	11.596 H W9 30000	11.575 H XXL 30000	11.876 H ROMANCE TV 27500
	11.596 V ZEE CINEMA 30000	11.575 H {Empty} 30000	11.876 H sportdigital.tv 27500
	11.596 V ZEE TV 30000	11.575 H CANAL EVENEMENT 30000	11.876 H TCM (a/P) 27500
	11.596 H Europe 1 30000	**ASTRA 1F,1G,1H,1KR,1L**	11.876 H STAR XL LIVE 27500
	11.596 H Free DOM 30000	**19.2 East**	11.895 V CINECINEMA CLUB 27500
	11.596 H Nostalgie 30000	11.720 H PREMIERE FILMCLAS 27500	11.895 V M6 27500
	11.596 H Radio Classique 30000	11.720 H PREMIERE FILMFEST 27500	11.895 V MCM 27500
	11.596 H Radio Plus 30000	11.720 H PREMIERE NOSTALGI 27500	11.895 V MCM POP 27500
	11.596 H Radio Reunion 30000	11.720 H PREMIERE SPORT PO 27500	11.895 V MCM TOP 27500
	11.596 H Radio Tana 30000	11.739 V GAME ONE 27500	11.895 V TELE MAISON 27500
	11.596 H RTA Gasy Radio 30000	11.739 V MTV 27500	11.895 V TF1 27500
	11.596 H RTL 30000	11.739 V MTV BASE 27500	11.895 V VIRGIN 17 27500
	11.596 H Sport O FM 30000	11.739 V MTV Dance 27500	11.934 V CANAL J 27500
	11.596 H Top FM 30000	11.739 V MTV ESP 27500	11.934 V CUISINE TV 27500
	11.596 H MIM Mayotte 30000	11.739 V MTV Hits 27500	11.934 V EUROSPORT 27500
	11.596 H RCF 30000	11.739 V MTV Hits. 27500	11.934 V FILLES TV 27500
	11.658 H CANAL+ 30000	11.739 V MTV TWO 27500	11.934 V LCI 27500
	11.658 H CANAL+ CINEMA 30000	11.739 V MTV TWO. 27500	11.934 V PLANETE 27500
	11.658 H CANAL+ SPORT 30000	11.739 V Nick ESP 27500	11.934 V PLANETE JUNIORS 27500
	11.658 H CINEMA EMOTION 30000	11.739 V NICKELODEON Franc 27500	11.934 V SCI FI 27500
	11.658 H CINEMA FRISSON 30000	11.739 V VH1 27500	11.934 V TIJI 27500
	11.658 H CINEMA PREMIER 30000	11.739 V VH1 Classic 27500	11.934 V TMC 27500
	11.658 H EQUIDIA 30000	11.739 V VH1 Classic. 27500	11.934 V VOYAGE 27500
	11.658 H EUROSPORT 30000	11.739 V VH1. 27500	11.973 V MTV ENTERTAINMENT 27500
	11.658 H LCI 30000	11.758 V GAME ONE 27500	11.973 V MTV Euro 27500
	11.658 H M6 30000	11.758 V MTV 27500	11.973 V MTV IDOL 27500
	11.658 H PLAYHOUSE DISNEY 30000	11.758 V MTV BASE 27500	11.973 V MTV Music 27500
	11.658 H RTL9 30000	11.758 V MTV Dance 27500	11.973 V MTV NL 27500
	● 11.658 H TELE MAISON 30000	11.758 V MTV ESP 27500	11.973 V MTV PULSE 27500
	11.658 H TF1 30000	11.758 V MTV Hits 27500	11.973 V NICK PREMIUM (P) 27500
	11.658 H TF6 30000	11.758 V MTV Hits. 27500	11.973 V COMEDY CENTRAL Ge 27500
	11.658 H ZEE MUZIC 30000	11.758 V MTV TWO 27500	● 11.973 V NICK/COMEDY 27500
	11.658 H FRANCE VIVACE 30000	11.758 V MTV TWO. 27500	11.973 V VIVA Germany 27500
	11.658 H FREQUENCE JAZZ 30000	11.758 V Nick ESP 27500	11.993 H Cool 27500
	11.658 H LE MOUV' 30000	11.758 V NICKELODEON Franc 27500	● 11.993 H deko 27500
	11.658 H RADIO REUNION 30000	11.758 V VH1 27500	11.993 H Duna TV 27500
	11.658 H RFM 30000	11.758 V VH1 Classic 27500	11.993 H Echo TV 27500
	11.658 H FRANCE INFO 30000	11.758 V VH1 Classic. 27500	11.993 H Film+ 27500
	11.658 H RFI 30000	11.758 V VH1. 27500	11.993 H HBO 27500
	11.534 H 13EME RUE 30000	11.759 H ANIMAL PLANET 27500	11.993 H HBO2 27500
	11.534 H ACTION 30000	● 11.759 H BEATE-UHSE.TV 27500	11.993 H m2 27500
	11.534 H CANAL J 30000	● 11.759 H CLASSICA 27500	11.993 H Magyar ATV 27500
	11.534 H Cartoon Network 30000	11.759 H DISCOVERY CHANNEL 27500	11.993 H Minimax / Animax 27500
	11.534 H CINEMA FAMIZ 30000	11.759 H DISCOVERY GESCHIC 27500	11.993 H Sport 1 27500
	11.534 H DISNEY CHANNEL 30000	11.759 H DISNEY CHANNEL 27500	11.993 H Sport 2 27500
	11.534 H i TELE 30000	11.759 H FOCUS GESUNDHEIT 27500	11.993 H TV Paprika 27500
	11.534 H L'EQUIPE TV 30000	11.759 H JETIX 27500	12.012 V ESPN CLASSIC 27500
	11.534 H MCM 30000	11.759 H JUNIOR 27500	12.012 V FRANCE 2 27500
	11.534 H PARIS PREMIERE 30000	● 11.797 H FOX SERIE 27500	12.012 V FRANCE 3 27500
	11.534 H PLANETE 30000		

12.012 V MOTORS TV 27500	12.574 H KINK FM 22000	12.090 V TELETOON+1 27500	
12.012 V TELE MELODY 27500	12.574 H NL-Radio 1 22000	12.090 V TPS STAR 27500	
12.012 V TRACE TV 27500	12.574 H NL-Radio 5 22000	12.090 V W9 27500	
12.012 V A LA CARTE 10 27500	12.574 H NL-Radio 6 22000	12.110 H MDR S-Anhalt 27500	
12.012 V A LA CARTE 11 27500	12.574 H Radio Veronica 22000	12.110 H MDR Sachsen 27500	
12.012 V CINE+ 27500	12.574 H Radio10Gold 22000	12.110 H MDR Thüringen 27500	
12.012 V A LA CARTE 27500	12.574 H Radio538 22000	12.110 H NDR FS HH 27500	
12.031 H 13 TH STREET 27500	12.574 H RNW1 22000	12.110 H NDR FS MV 27500	
● 12.031 H BIG BROTHER 27500	12.574 H RNW2 22000	12.110 H NDR FS NDS 27500	
12.031 H BLUE MOVIE 27500	12.574 H RNW3 22000	12.110 H NDR FS SH 27500	
12.031 H MGM 27500	12.574 H Sky Radio 22000	12.110 H rbb Berlin 27500	
12.031 H SCI FI 27500	12.604 H WDR Aachen 22000	12.110 H rbb Brandenburg 27500	
12.031 H PREMIERE DIREKT 27500	12.604 H WDR Bonn 22000	12.110 H SWR Fernsehen RP 27500	
12.305 H Animal Planet 27500	12.604 H WDR Duisburg 22000	● 12.110 H ARD-Data-2 27500	
12.305 H Discovery Channel 27500	12.604 H WDR Wuppertal 22000	12.129 V A LA CARTE 1 27500	
12.305 H Extreme Sports 27500	● 12.669 V ARTE HD 22000	12.129 V A LA CARTE 13 27500	
12.305 H Hallmark 27500	12.669 V EUROSPORT HD 22000	12.129 V A LA CARTE 14 27500	
12.305 H HBO Comedy 27500	12.669 V USHUAIA TV HD 22000	12.129 V A LA CARTE 2 27500	
12.305 H Hustler TV 27500	12.778 V MTVNHD 27500	12.129 V A LA CARTE 3 27500	
12.305 H Jetix/Jetix Max 27500	12.778 V Boomerang 27500	12.129 V A LA CARTE 4 27500	
12.305 H JimJam 27500	12.778 V Cartoon Network 27500	12.129 V A LA CARTE 5 27500	
12.305 H National Geographic 27500	12.778 V TCM 27500	12.129 V A LA CARTE 6 27500	
12.305 H NOVA SPORT 27500	12.778 V TVBS 27500	12.129 V A LA CARTE 7 27500	
12.305 H Zone Reality 27500	12.778 V CNN Int. 27500	12.129 V A LA CARTE 8 27500	
12.383 H CT1 27500	12.778 V CNN Radio 27500	12.129 V A LA CARTE 9 27500	
12.383 H CT2 27500	11.836 H Bayerisches FS Nord 27500	12.149 H BD4 27500	
12.383 H CT4 Sport 27500	11.836 H Bayerisches FS Süd 27500	12.149 H PFH 27500	
12.383 H Eurosport 2 27500	11.836 H BR-alpha* 27500	12.149 H PREMIERE Austria 27500	
12.383 H Filmmuzeum 27500	11.836 H Das Erste 27500	12.149 H Alpenglühen TVX 27500	
12.383 H NOVA Cinema 27500	11.836 H hr-fernsehen 27500	12.149 H Der Schmuckkanal 27500	
12.383 H Prima TV 27500	11.836 H SWR Fernsehen BW 27500	12.149 H GOD Channel 27500	
● 12.383 H TV Barrandov 27500	11.836 H WDR Köln 27500	12.149 H HOPE Channel deutsch 27500	
12.383 H TV JOJ 27500	11.915 H ANIXE HD 27500	12.149 H Q TV SHOP 27500	
12.383 H TV Markiza 27500	11.915 H ASTRA HD+ 27500	12.149 H RNF 27500	
12.383 H TV Nova 27500	11.915 H DISCOVERY HD 27500	12.149 H TIER.TV 27500	
● 12.383 H XXX Xtreme 27500	11.915 H PREMIERE HD 27500	12.149 H Voyages Television 27500	
12.383 H CT24 27500	11.954 H 3sat 27500	12.149 H YAVIDO CLIPS 27500	
12.515 H Film1.1 22000	11.954 H KiKa 27500	12.149 H 2255 Gewinnradio 27500	
12.515 H Film1.2 22000	11.954 H ZDF 27500	12.149 H ANTENNE BAYERN 27500	
12.515 H NED1 22000	11.954 H ZDFdokukanal 27500	12.149 H ERF Radio 27500	
12.515 H NED2 22000	11.954 H ZDFinfokanal 27500	12.149 H ROCK ANTENNE 27500	
12.515 H NED3 22000	11.954 H ZDFtheaterkanal 27500	12.149 H sunshine live 27500	
12.515 H NGC 22000	11.954 H DKULTUR 27500	12.168 V C CINEMA 16/9 27500	
12.515 H Nickelodeon/Comedy C 22000	11.954 H DLF 27500	12.168 V EUROSPORT 2 27500	
12.515 H Sport1 22000	11.954 H Dok&Deb 27500	12.168 V EXTREME SPORTS 27500	
12.515 H Classic FM 22000	12.051 V PULS 4 Austria 27500	12.168 V FRANCE 4 27500	
12.515 H Q-Music 22000	12.051 V Kabel 1 Austria 27500	12.168 V NAT GEO WILD 27500	
12.515 H FunX 22000	12.051 V Kabel 1 Schweiz 27500	12.168 V PINI 27500	
12.552 V Astra Vision 22000	12.051 V ProSieben Austria 27500	● 12.168 V TELETOON AFRICA 27500	
12.552 V Bloomberg TV Germany 22000	12.051 V ProSieben Schweiz 27500	12.168 V TF6 27500	
12.552 V Chamber TV 22000	12.051 V SAT.1 A 27500	12.168 V USHUAIA TV 27500	
12.552 V em24 22000	12.051 V SAT.1 CH 27500	12.168 V A LA DEMANDE 27500	
12.552 V eUrotic NEU 22000	12.070 H GOLDSTAR TV 27500	12.188 H n-tv 27500	
12.552 V LibertyTV FR 22000	12.070 H HEIMATKANAL 27500	12.188 H RTL HB NDS 27500	
12.552 V LUXE.TV SD 22000	12.070 H HIT24 27500	12.188 H RTL HH SH 27500	
12.552 V MediTSAT 22000	12.070 H PREMIERE START 27500	12.188 H RTL SHOP 27500	
12.552 V QVC Deutschland 22000	12.070 H RTL CRIME 27500	12.188 H RTL Shop 27500	
12.552 V RTL Tele Letzebuerg 22000	12.070 H RTL PASSION 27500	12.188 H RTL Television 27500	
● 12.552 V tru: young tv 22000	● 12.070 H TNT SERIE 27500	12.188 H RTL2 27500	
12.574 H Action/Etalage 22000	12.070 H P-60ER/70ER 27500	12.188 H Super RTL 27500	
12.574 H BiB 22000	12.070 H P-80ER/90ER 27500	12.188 H Super RTL CH 27500	
12.574 H Eredivisielive 1 22000	● 12.070 H P-COUNTRY 27500	12.188 H VOX 27500	
12.574 H NET5 22000	12.070 H P-DEUTSCHE CHARTS 27500	12.188 H VOX CH 27500	
12.574 H SBS6 22000	12.070 H P-LOVE SONGS 27500	12.207 V A LA CARTE 12 27500	
12.574 H TMF 22000	12.070 H P-RnB/HIP HOP 27500	12.207 V FRANCE 5 27500	
12.574 H Veronica/JETIX 22000	12.070 H P-ROCK HYMNEN 27500	12.207 V FRANCE Ô 27500	
12.574 H BVN 22000	12.090 V C CINEMA STAR 27500	12.207 V OLTV 27500	
12.574 H Film1.3 22000	12.090 V DISCOVERY 27500	12.207 V OM'TV 27500	
12.574 H NL-3FM 22000	12.090 V INFOSPORT 27500	12.207 V PLANETE THALASSA 27500	
12.574 H NL-Radio 2 22000	12.090 V M6 MUSIC HITS 27500	12.207 V TV BREIZH 27500	
12.574 H NL-Radio 4 22000	12.090 V PINK TV/PINK X 27500	12.207 V PLAYBOY TV 27500	
● 12.574 H 538 Juize 22000	12.090 V SERIE CLUB 27500	12.207 V ADO 27500	
12.574 H CAZ! 22000	12.090 V TELETOON 27500	12.207 V BBC ARABIC 27500	

© SatcoDX Inc © TELE-satellite Medien GmbH — For Private and Personal Use Only

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
12.207	V	BBCW SERVICE	27500
12.207	V	BEUR FM	27500
12.207	V	BFM	27500
12.207	V	CANALSAT RADIOS	27500
12.207	V	CHERIE FM	27500
12.207	V	CONTACT FM	27500
12.207	V	COULEUR 3	27500
12.207	V	EUROPE 1	27500
12.207	V	FIP	27500
12.207	V	FRANCE BLEU IDF	27500
12.207	V	FRANCE CULTURE	27500
12.207	V	FRANCE INFO	27500
12.207	V	FRANCE INTER	27500
12.207	V	FRANCE MUSIQUE	27500
12.207	V	JAZZ RADIO	27500
12.207	V	LE MOUV'	27500
12.207	V	MC DOUALIYA	27500
12.207	V	MEDI 1	27500
12.207	V	NOSTALGIE	27500
12.207	V	NRJ	27500
12.207	V	OUI FM	27500
12.207	V	PARENTHESE RADIO	27500
12.207	V	RADIO 1	27500
12.207	V	RADIO 2	27500
12.207	V	RADIO 3	27500
12.207	V	RADIO ALPHA	27500
12.207	V	RADIO COURTOISIE	27500
12.207	V	RADIO FG	27500
12.207	V	RADIO FRANCE	27500
12.207	V	RADIO INT	27500
12.207	V	RADIO INT 2	27500
12.207	V	RADIO LATINA	27500
12.207	V	RADIO NOTRE-DAME	27500
12.207	V	RADIO NOVA	27500
12.207	V	RADIOS 2	27500
12.207	V	RADIOS 3	27500
12.207	V	RCJ SHALOM	27500
12.207	V	RF	27500
12.207	V	RFI INT	27500
12.207	V	RFI MULTILINGUE	27500
12.207	V	RFM	27500
12.207	V	RIRE & CHANSONS	27500
12.207	V	RMC	27500
12.207	V	SKYROCK	27500
12.207	V	SUD RADIO	27500
12.207	V	TSF	27500
12.207	V	VIBRATION	27500
12.207	V	VIRGIN RADIO	27500
12.207	V	VOLTAGE	27500
12.207	V	WRN	27500
12.227	H	EuroNews	27500
12.227	H	Eurosport	27500
12.227	H	HSE24 Digital	27500
12.227	H	MTV AUSTRIA	27500
12.227	H	NICK AUSTRIA	27500
12.227	H	RTL Austria	27500
12.227	H	RTL2 Austria	27500
12.227	H	Super RTL A	27500
12.227	H	VOX Austria	27500
12.246	V	4Live	27500
12.246	V	666 Girls.TV	27500
12.246	V	A1 Teleshop	27500
12.246	V	ACHTUNG Erotik.TV	27500
12.246	V	ACHTUNG Singles.TV	27500
12.246	V	Amateur SMS Chat	27500
12.246	V	Amore TV	27500
12.246	V	Astrodirekt.TV	27500
12.246	V	Beate Uhse Sexy Sat	27500
12.246	V	Bi-Sex.TV	27500
12.246	V	Blitzkontakt.TV	27500
12.246	V	DAF-AnlegerTV	27500
12.246	V	Dateline	27500
12.246	V	DELUXE MUSIC	27500
12.246	V	DIE NEUE ZEIT TV	27500
12.246	V	DMAX	27500
12.246	V	DrDish Television	27500
12.246	V	Eros TV	27500
12.246	V	EroticDome	27500
12.246	V	flirtmaster.tv	27500
12.246	V	Franken SAT	27500
12.246	V	Friends TV	27500
12.246	V	Gebrauchtwagen TV	27500
12.246	V	Herzschlag69	27500
12.246	V	Hot Girls TV	27500
12.246	V	Kanal-XXX.TV	27500
12.246	V	Liebesglück.TV	27500
12.246	V	Liebestraum.TV	27500
12.246	V	LokalSAT	27500
12.246	V	maennerwelt.tv	27500
12.246	V	Mallorca.TV	27500
12.246	V	MehrGeld.TV	27500
12.246	V	münchen.tv/RFO	27500
12.246	V	ONTV Regional	27500
12.246	V	Partnersuche.TV	27500
12.246	V	Po6	27500
12.246	V	Pro Erotik TV	27500
12.246	V	SAT Erotiktreff.TV	27500
12.246	V	SexyGirls.TV	27500
12.246	V	tirol tv	27500
12.246	V	Traumkontakt.tv	27500
12.246	V	TVM/WWTV	27500
12.246	V	Venusclub.TV	27500
12.246	V	Voyeur TV	27500
12.246	V	Zack Erotik TV	27500
12.246	V	DELUXE LOUNGE	27500
12.246	V	DELUXE RADIO	27500
12.246	V	TEDDY	27500
12.265	H	BR-alpha	27500
12.265	H	SR Fernsehen	27500
12.265	H	1LIVE	27500
12.265	H	1LIVE diggi	27500
12.265	H	Antenne Brandenburg	27500
12.265	H	BS aktuell	27500
12.265	H	BS plus	27500
12.265	H	Bayern 1	27500
12.265	H	Bayern 2	27500
12.265	H	BAYERN 3	27500
12.265	H	BAYERN 4 KLASSIK	27500
12.265	H	BAYERN plus	27500
12.265	H	BR Verkehr	27500
12.265	H	Bremen Eins	27500
12.265	H	Bremen Vier	27500
12.265	H	DASDING	27500
12.265	H	DW 1	27500
12.265	H	DW 4	27500
12.265	H	Fritz	27500
12.265	H	hr iNFO	27500
12.265	H	hr iNFO +	27500
12.265	H	hr1	27500
12.265	H	hr2	27500
12.265	H	hr3	27500
12.265	H	hr4	27500
12.265	H	Inforadio	27500
12.265	H	JUMP	27500
12.265	H	Kulturradio	27500
12.265	H	MDR FIGARO	27500
12.265	H	MDR Info	27500
12.265	H	MDR KLASSIK	27500
12.265	H	MDR SPUTNIK	27500
12.265	H	MDR1 SA-ANHALT	27500
12.265	H	MDR1 SACHSEN	27500
12.265	H	MDR1 THÜRINGEN	27500
12.265	H	N-JOY	27500
12.265	H	NDR 1 Nieders.	27500
12.265	H	NDR 1 Radio MV	27500
12.265	H	NDR 2	27500
12.265	H	NDR 90,3	27500
12.265	H	NDR Info	27500
12.265	H	NDR Info Spez.	27500
12.265	H	NDR Kultur	27500
12.265	H	NDRWelleNord	27500
12.265	H	Nordwestradio	27500
12.265	H	on3radio	27500
12.265	H	radioBERLIN 88,8	27500
12.265	H	radioeins	27500
12.265	H	SR1 Europawelle	27500
12.265	H	SR2 KulturRadio	27500
12.265	H	SR3 Saarlandwelle	27500
12.265	H	SWR 1 BW	27500
12.265	H	SWR 1 RP	27500
12.265	H	SWR 2	27500
12.265	H	SWR 3	27500
12.265	H	SWR 4 BW	27500
12.265	H	SWR 4 RP	27500
12.265	H	SWR cont.ra	27500
12.265	H	WDR 2	27500
12.265	H	WDR 2 Klassik	27500
12.265	H	WDR 3	27500
12.265	H	WDR 4	27500
12.265	H	WDR 5	27500
12.265	H	WDR Event	27500
12.265	H	WDR Funkhaus Europa	27500
12.265	H	YOU FM	27500
12.285	V	XXL	27500
12.285	V	AB MOTEURS	27500
12.285	V	AB1	27500
12.285	V	ACTION	27500
12.285	V	ANIMAUX	27500
12.285	V	CINE FX	27500
12.285	V	CINE POLAR	27500
12.285	V	DORCEL TV	27500
12.285	V	ENCYCLOPEDIA	27500
12.285	V	ESCALES	27500
12.285	V	MANGAS	27500
12.285	V	RTL9	27500
12.285	V	toute L'HISTOIRE	27500
12.285	V	NT1	27500
12.324	V	MOSAIQUE C+	27500
12.324	V	ONZEO	27500
12.324	V	PRIVATE SPICE	27500
12.324	V	YACHT AND SAIL	27500
12.324	V	CASH TV	27500
12.324	V	MOSA 2	27500
12.324	V	MOSA 3	27500
12.324	V	MOSA 4	27500
12.324	V	MOSA 5	27500
12.324	V	MOSAIQUE	27500
12.324	V	CDN12	27500
12.324	V	{Empty}	27500
12.344	H	Animal Planet	27500
12.344	H	Cartoon/TCM	27500
12.344	H	Discovery	27500
12.344	H	EUROSPORT	27500
12.344	H	Hallmark	27500
12.344	H	RTL4	27500
12.344	H	RTL5	27500
12.344	H	RTL7	27500
12.344	H	RTL8	27500
12.344	H	TV Oranje	27500
12.344	H	DORCEL TV	27500
12.344	H	Bel RTL	27500
12.344	H	Classic21	27500
12.344	H	La Premiere	27500
12.344	H	Mint	27500
12.344	H	Musiq 3	27500
12.344	H	Pure FM	27500
12.344	H	Radio Contact	27500
12.344	H	VivaCite	27500
12.344	H	RTL 1440	27500
12.344	H	RTL RADIO	27500
12.344	H	RVi1 (VRT)	27500
12.344	H	RVi2 (VRT)	27500
12.363	V	DT1	27500
12.363	V	DT15	27500
12.363	V	DT16	27500
12.363	V	DT18	27500
12.363	V	DT4	27500
12.363	V	DT5	27500
12.363	V	DT6	27500
12.363	V	DT8	27500
12.363	V	DT9	27500
12.363	V	CE SOIR	27500
12.363	V	DT13	27500
12.363	V	DT2	27500
12.363	V	DT20	27500
12.363	V	EUROSPORT HD	27500
12.363	V	{Empty}	27500
12.402	V	13EME RUE	27500
12.402	V	C CINEMA CLASSIC	27500
12.402	V	C CINEMA FAMIZ	27500
12.402	V	COMEDIE !	27500
12.402	V	EQUIDIA INFO	27500
12.402	V	JETIX	27500
12.402	V	L'EQUIPE TV	27500
12.402	V	NATIONAL GEO	27500
12.402	V	NRJ 12	27500
12.402	V	PLANETE NO LIMIT	27500
12.402	V	REAL TIME	27500
12.422	H	EinsFestival HD	27500
12.422	H	Radio Bremen TV	27500
12.422	H	WDR Bielefeld	27500
12.422	H	WDR Dortmund	27500
12.422	H	WDR Düsseldorf	27500
12.422	H	WDR Essen	27500
12.422	H	WDR Münster	27500
12.422	H	WDR Siegen	27500
12.422	H	WDR Test A	27500
12.422	H	MEHRKANALTEST	27500
12.441	V	ANIMAX (a/P)	27500
12.441	V	Biography Channel	27500
12.441	V	Bundesliga 1	27500
12.441	V	Bundesliga 2	27500
12.441	V	Bundesliga 3	27500
12.441	V	Bundesliga 4	27500
12.441	V	Bundesliga HOME	27500
12.441	V	Bundesliga INFO	27500
12.441	V	Cartoon Network (a/P	27500
12.441	V	EuroSport 2 (a/P)	27500
12.441	V	FOX	27500
12.441	V	HISTORY	27500
12.441	V	Kinowelt	27500
12.441	V	National Geographic	27500
12.441	V	RTL Living	27500
12.441	V	Bundesliga 7	27500
12.441	V	Bundesliga 8	27500
12.441	V	Playboy TV (a)	27500
12.461	H	1-2-3.tv	27500
12.461	H	3A TV	27500
12.461	H	ANIXE SD	27500
12.461	H	DAS VIERTE	27500
12.461	H	Daystar Television N	27500
12.461	H	ERF	27500
12.461	H	GIGA	27500
12.461	H	imusic TV	27500
12.461	H	JAMBA! TV	27500
12.461	H	tv.gusto	27500
12.461	H	domradio	27500
12.461	H	egoFM	27500
12.461	H	HOPE Channel Radio	27500
12.461	H	Klassik Radio	27500
12.461	H	oldiestar*	27500
12.480	V	AstroTV	27500
12.480	V	DSF	27500
12.480	V	equi8	27500
12.480	V	glück TV	27500
12.480	V	HSE24	27500
12.480	V	meinTVshop	27500
12.480	V	Sonnenklar TV	27500
12.480	V	SpiritON.TV	27500
12.480	V	TELE 5	27500
12.480	V	XXHOME	27500
12.522	V	CANAL HD TEST 3	22000
12.522	V	FRANCE 2 HD	22000
12.522	V	NATIONAL GEO HD	22000
12.581	V	13EME RUE HD	22000
12.640	V	BLOOMBERG TV	22000
12.640	V	DISNEY CHANNEL+1	22000
12.640	V	DISNEY CINEMAGIC	22000
12.640	V	DISNEY MAGIC+1	22000
12.640	V	E! ENTERTAINMENT	22000
12.640	V	GULLI	22000
12.640	V	PLAYHOUSE DISNEY	22000
12.640	V	TEVA	22000
12.663	H	AUSTRIA 9 TV	22000
12.663	H	ESPN America	22000
12.663	H	ESPN America (P)	22000
12.663	H	Ab18	22000
12.663	H	AKTIV DIREKT TV	22000
12.663	H	ALL FUN TV	22000
12.663	H	Bundesliga 9	22000
12.663	H	Erotik Total	22000
12.663	H	GoTV	22000
12.663	H	INNSAT-LT1	22000
12.663	H	Intim TV	22000
12.663	H	Kuren und Wellness	22000
12.663	H	Kurven-Reich	22000
12.663	H	Liebeskanal	22000
12.663	H	Piep Show	22000
12.663	H	S-TV	22000
12.663	H	Sex ab 85 Cent	22000
12.663	H	Spass im TV	22000
12.663	H	Telesünde	22000
12.663	H	TW1	22000
12.663	H	Uschi TV	22000
12.663	H	Uschi's Schwestern	22000
12.663	H	Visit-X.TV	22000
12.663	H	Weiber TV	22000
12.663	H	FM4	22000
12.663	H	OE1	22000
12.663	H	OE1 DD	22000
12.663	H	OE2 B	22000
12.663	H	OE2 K	22000
12.663	H	OE2 N	22000
12.663	H	OE2 O	22000
12.663	H	OE2 S	22000
12.663	H	OE2 St	22000
12.663	H	OE2 T	22000
12.663	H	OE2 V	22000
12.663	H	OE2 W	22000
12.663	H	OE3	22000
12.663	H	RADIO MARIA	22000
12.663	H	Ö1 International	22000
12.692	H	ATV+	22000
12.692	H	Bundesliga 5	22000
12.692	H	Bundesliga 6	22000
12.692	H	ORF1	22000
12.692	H	ORF2	22000
12.692	H	ORF2 B	22000
12.692	H	ORF2 K	22000
12.692	H	ORF2 N	22000
12.692	H	ORF2 O	22000
12.692	H	ORF2 S	22000
12.692	H	ORF2 St	22000
12.692	H	ORF2 T	22000
12.692	H	ORF2 V	22000
12.692	H	ORF2 W	22000
12.692	H	HITRADIO OE3	22000
12.692	H	ORF2E	22000
11.509	V	Al Jazeera Internati	22000
11.509	V	Arirang TV	22000
11.509	V	BFM TV	22000
11.509	V	Cubavision Internaci	22000
11.509	V	Demain	22000
11.509	V	Extremadura TV	22000
11.509	V	NHK World TV	22000
11.509	V	NRJ Paris	22000
11.509	V	Popular TV	22000
11.509	V	RedeRecord	22000
11.538	V	Aragon TV	22000
11.538	V	CCTV 9	22000
11.538	V	CCTV F	22000
11.538	V	Direct 8	22000
11.538	V	EWTN Europe	22000
11.538	V	France 24 (en França	22000
11.538	V	France 24 (in Englis	22000
11.538	V	KTO	22000
11.538	V	Russia Today	22000
11.538	V	Telesur	22000
11.538	V	Radio Aragon	22000
11.568	V	2M Monde	22000
11.568	V	Al Jazeera	22000
11.568	V	Al Masriya	22000
11.568	V	ARTE	22000
11.568	V	CANAL ALGERIE	22000
11.568	V	RAI 1	22000
11.568	V	RTPI	22000
11.568	V	TRT International	22000
11.568	V	TV5MONDE	22000
11.568	V	TV7	22000
11.568	V	TVEi	22000
11.597	V	M6	22000
11.597	V	W9	22000
11.597	V	BBC World	22000
11.597	V	Best of shopping	22000
11.597	V	CNBC Europe	22000
11.597	V	DW-TV	22000
11.597	V	M6 BOUTIQUE LA CH	22000
11.597	V	Sky News	22000
11.597	V	TV5MONDE EUROPE	22000
12.545	H	kabel eins classics	22000
12.545	H	Sat.1 Comedy	22000
12.545	H	9Live	22000
12.545	H	kabel eins	22000
12.545	H	N24	22000
12.545	H	ProSieben	22000
12.545	H	SAT.1	22000
12.545	H	SAT.1 Bayern	22000
12.611	V	M6 MUSIC BLACK	22000
12.611	V	M6 MUSIC CLUB	22000
12.611	V	MA CHAINE SPORT	22000
12.611	V	ODYSSEE	22000
12.611	V	PLANETE JUSTICE	22000
12.611	V	VIVOLTA	22000
12.633	H	123Damenwahl	22000
12.633	H	BunnyClub24	22000
12.633	H	Camshots TV	22000
12.633	H	Clipmobile	22000
12.633	H	Das Erotische TV	22000
12.633	H	Date Line	22000
12.633	H	Deutsche Girls 2	22000
12.633	H	dhd24 plus	22000
12.633	H	dhd24.tv	22000
12.633	H	Dreamgirls.TV	22000
12.633	H	Erotik 24	22000
12.633	H	Erotik Sat	22000
12.633	H	Erotika.tv	22000
12.633	H	Fotohandy	22000
12.633	H	jeden Tag x	22000
12.633	H	Juwelo TV	22000
12.633	H	K-TV	22000
12.633	H	Kamasutra TV	22000
12.633	H	Lustkanal.TV	22000
12.633	H	Maennersache TV	22000
12.633	H	Mobile Sex	22000
12.633	H	Preisfuchs TV	22000
12.633	H	rhein main tv	22000
12.633	H	Rundum Sex TV	22000
12.633	H	SexySat	22000
12.633	H	Supreme Master TV	22000
12.633	H	TIMM	22000
12.633	H	Traumgirls.TV	22000
12.633	H	ffn Comedy	22000
12.633	H	ffn digital	22000
12.633	H	harmony.fm	22000
12.633	H	HIT RADIO FFH	22000
12.633	H	Inselradio	22000
12.633	H	PEPPERMINT fm	22000
12.633	H	planet radio	22000
12.633	H	Radio Gloria	22000
12.633	H	Radio Paloma	22000
12.633	H	Radio Regenbogen	22000
12.633	H	radio top40	22000
12.633	H	WRN Deutsch	22000
12.722	H	2BE	22000
12.722	H	een	22000
12.722	H	JIM	22000
12.722	H	KANAAL Z	22000
12.722	H	Ketnet/Canvas	22000
12.722	H	VIJFtv	22000
12.722	H	Vitaya	22000
12.722	H	VT4	22000
12.722	H	VTM	22000
12.722	H	Man-X	22000
12.722	H	4FM	22000
12.722	H	Klara	22000
12.722	H	MNM	22000
12.722	H	Q-music	22000
12.722	H	Radio 1	22000
12.722	H	Radio 2	22000
12.722	H	Studio Brussel	22000

AST1KRKU

Freq	Pol	Channel Name	Symbol rate
10.744	H	arte	22000
10.744	H	EinsExtra	22000
10.744	H	EinsFestival	22000
10.744	H	EinsPlus	22000
10.744	H	Phoenix	22000
10.744	H	Test-R	22000
10.773	H	TVP HD -test	22000
10.773	H	TVP Sport	22000
10.773	H	TVP1	22000
10.773	H	TVP2	22000
10.773	H	Belsat TV	22000
10.773	H	TV Polonia	22000
10.773	H	TV TRWAM	22000
10.773	H	TVP Historia	22000
10.773	H	TVP INFO	22000
10.773	H	TVP Kultura	22000
10.773	H	Radio Maryja	22000
10.788	V	ANIMAX	22000
10.788	V	BOOMERANG	22000
10.788	V	CARTOON NET.	22000
10.788	V	TAQUILLA 1	22000
10.788	V	TAQUILLA 2	22000
10.788	V	TAQUILLA 3	22000
10.788	V	TAQUILLA 4	22000
10.788	V	TAQUILLA XY	22000
10.788	V	TELECINCO	22000
10.788	V	MULTIPANT.1	22000
10.788	V	MULTIPANT.2	22000
10.788	V	MULTIPANT.3	22000
10.788	V	MULTIPANT.4	22000
10.788	V	TAQUILLA 10	22000
10.818	V	AXN	22000
10.818	V	C+ ACCIÓN...30	22000
10.818	V	C+ COMEDIA...30	22000
10.818	V	CANAL COCINA	22000
10.818	V	CARACOL TV	22000
10.818	V	DCINE ESPAÑOL	22000
10.818	V	EQUAVISA INT	22000
10.818	V	FOX	22000
10.818	V	SCI FI	22000
10.818	V	TVE 1	22000
10.818	V	TVV INT.	22000
10.832	H	ORF 1 HD	22000
10.832	H	France 4	22000
10.832	H	Gulli	22000
10.832	H	Virgin 17	22000
10.832	H	Bibel TV	22000
10.832	H	Sky News Intl	22000
10.832	H	CFN/RFC	22000
10.832	H	Radio Horeb	22000
10.832	H	Radio neue Hoffnung	22000
10.832	H	RDC	22000
10.847	V	ABONO FÚTBOL+	22000
10.847	V	COMPRA SMS	22000
10.847	V	GUÍA DIGITAL+	22000
10.847	V	MÚSICA DIGITAL	22000
10.847	V	PORTADA	22000
10.847	V	RAD. LATINAS	22000
10.847	V	RADIOS	22000
10.847	V	TAQUILLA	22000
10.847	V	TEST_CSD2	22000
10.847	V	TEST_CSD4	22000
10.847	V	TEST_CSD5	22000
10.847	V	{Empty}	22000
10.847	V	RADIOS ESP	22000
10.862	H	INT6	22000
10.862	H	Test1	22000
10.862	H	Test2	22000
10.862	H	TVP HD	22000
10.862	H	TVP Sport	22000
10.862	H	TVP1	22000
10.862	H	TVP2	22000
10.862	H	Test3	22000
10.862	H	TV Polonia	22000
10.862	H	TVP Historia	22000
10.862	H	TVP INFO	22000
10.862	H	TVP Kultura	22000
10.877	V	40 LATINO	22000
10.877	V	ANTENA 3	22000
10.877	V	C+ DEPORTES	22000
10.877	V	C+ FÚTBOL	22000
10.877	V	CALLE 13	22000
10.877	V	CANAL+...30	22000
10.877	V	FOX NEWS	22000
10.877	V	GOLF+	22000
10.877	V	NAT GEOGRAPH	22000
10.877	V	PLAYBOY TV	22000
10.921	H	AXN	22000
10.921	H	bebe tv	22000
10.921	H	Boomerang	22000
10.921	H	Cartoon Network/TCM	22000
10.921	H	MGM	22000
10.921	H	STV1	22000
10.921	H	TA3	22000
10.921	H	Viasat 3	22000
10.921	H	Viasat Explorer	22000
10.921	H	Viasat History	22000
10.921	H	Travel	22000
10.979	V	CLAN_TVE	22000
10.979	V	CLÁSICO	22000
10.979	V	CUATRO	22000
10.979	V	EUROSPORT	22000
10.979	V	HOGARUTIL	22000
10.979	V	HOLLYWOOD	22000
10.979	V	LA 2	22000
10.979	V	LA SEXTA	22000
10.979	V	TELENOVELAS	22000
10.979	V	TNT	22000
10.979	V	TV CANARIA	22000
11.038	V	40 TV	22000
11.038	V	CANAL+	22000
11.038	V	CANAL+ 2	22000
11.038	V	DISCOVERY	22000
11.038	V	DISNEY CH.	22000
11.038	V	MOVI TV	22000
11.038	V	PAR. COMEDY	22000
11.038	V	SPORTMANÍA	22000
11.038	V	TCM MODERNO	22000
11.038	V	TELEDEPORTE	22000
11.097	V	BARÇA TV	22000
11.097	V	C+ EVENTOS	22000
11.097	V	LIGA 08/09	22000
11.097	V	TAQUILLA 5	22000
11.097	V	TAQUILLA 7	22000
11.097	V	TAQUILLA X	22000
11.097	V	TAQUILLA XX	22000
11.097	V	EHS	22000
11.097	V	TAQUILLA 6	22000
11.097	V	TAQUILLA 8	22000
11.097	V	TAQUILLA 9	22000
11.097	V	TESTP	22000
11.156	V	24 HORAS	22000
11.156	V	BABYFIRST	22000
11.156	V	BIOGRAPHY	22000
11.156	V	BLOOMBERG	22000
11.156	V	CANAL ODISEA	22000
11.156	V	CAZA Y PESCA	22000
11.156	V	COSMOPOLITAN	22000
11.156	V	FAMA 24H	22000
11.156	V	HISTORIA	22000
11.156	V	MÉTEO	22000
11.156	V	VIAJAR	22000
11.318	V	C+ ACCIÓN	22000
11.318	V	C+ COMEDIA	22000
11.318	V	C+ DCINE	22000
11.318	V	CARTOON N +1	22000
11.318	V	DECASA	22000
11.318	V	DISNEY CH. +1	22000
11.318	V	JETIX	22000
11.318	V	NICK +1	22000
11.318	V	PLAYHOUSE	22000
11.318	V	SONY TV	22000
11.318	V	TELEFE INT	22000
11.479	V	BABY FIRST	22000
11.479	V	CANAL EVENEMENT	22000
11.479	V	GIRONDINS TV	22000
11.479	V	NRJ HITS	22000
11.479	V	TELEREALITE	22000
11.479	V	LCP	22000
11.479	V	PLAYIN'TV	22000
11.479	V	PLAYIN'Tvi	22000
11.671	H	Cinemax	22000
11.671	H	Film+	22000
11.671	H	HirTV	22000
11.671	H	m1	22000
11.671	H	MTV Hungary	22000
11.671	H	RTL Klub	22000
11.671	H	Spektrum	22000
11.671	H	Sport 1 CZE	22000
11.671	H	Sport Klub	22000
11.671	H	TV2	22000
11.671	H	Viva TV	22000
11.671	H	Budapest TV	22000
11.671	H	Bartok Radio - MR3	22000
11.671	H	Kossuth Radio - MR1	22000
11.671	H	Petofi Radio - MR2	22000
11.685	V	C. ESTRELLAS	22000
11.685	V	CNN+	22000
11.685	V	PRO TV INT	22000
11.685	V	R. MADRID TV	22000
11.685	V	TCM CLÁSICO	22000
11.685	V	ANDALUCÍA TV	22000
11.685	V	CANAL CLUB	22000
11.685	V	CANAL+ HD	22000
11.685	V	EUSKADI TV	22000
11.685	V	TM SAT/LAOTRA	22000
11.685	V	TV GALICIA	22000
11.685	V	TVC INT.	22000
11.685	V	RAD. ROMANIA	22000
12.699	V	FR3 AMIENS	22000
12.699	V	FR3 BESANCON	22000
12.699	V	FR3 BORDEAUX	22000
12.699	V	FR3 CLERMONT FD	22000
12.699	V	FR3 LIMOGES	22000
12.699	V	FR3 LYON	22000
12.699	V	FR3 MARSEILLE	22000
12.699	V	FR3 NANCY	22000
12.699	V	FR3 PARIS	22000
12.699	V	FR3 RENNES	22000
12.699	V	FR3 ROUEN	22000
12.699	V	FR3 TOULOUSE	22000
11.171	V	24 HOR

RemoteMan.TV

16 preset dishes and 2 movable 3.2m dishes in Bangkok, Thailand

www.remoteman.tv

Remoteman are your remote people on the ground based in Bangkok, Thailand providing satellite services for you without the need of actually have people, offices and infrastructure on the ground and specializing in high end remote monitoring services.

As part of the Solutions Factory group we provide you with the ability of remote monitoring your content, recoding or clipping services and so much more...

We have S, C and Ku band access to most satellites from 30e to 172e

Leasing transponder time for your content?
Need the transponder monitored in real-time from Thailand?
We can provide these services with our dedicated transponder to web monitoring services for you.

fax: +662.390.2589 | **phone:** +668.1830. 6401 | **email:** info@remoteman.tv | **Skype:** remoteman.TV |

11.720 H	Die Neue Zeit TV	27500
11.720 H	EWTN Europe	27500
11.720 H	RTL Shop	27500
11.720 H	TIMM TV	27500
11.720 H	Voyages Television	27500
11.720 H	XXHOME	27500
11.720 H	YAVIDO CLIPS	27500
11.797 H	EUROSPORT HD	27500
11.797 H	Nova HD	27500
11.797 H	JOJ PLUS	27500
11.797 H	TV Barrandov	27500
11.797 H	TV JOJ	27500
11.797 H	Z 1	27500
11.856 V	een HD	27500
11.856 V	NGC HD	27500
11.856 V	BravaHDTV	27500
11.856 V	Discovery HD	27500
11.856 V	MelodyZen.tv	27500

North Africa, Middle East
EUROBIRD 2
25.5 East
EUB002FB

11.012 H	BLOOMBERG	27500
11.012 H	CINEMA CITY	27500
11.012 H	FASHION TV	27500
11.012 H	MGM	27500
11.012 H	SERIES	27500
11.012 H	SPACE TOON	27500
11.012 H	SUPER MOVIES	27500
11.012 H	TVMAX	27500
11.012 H	TVMAX PROMO	27500
11.055 H	AL RIYADIYAH	27500
11.055 H	AMERICA PLUS	27500
11.055 H	C-SPAN	27500
11.055 H	CNBC-US	27500
11.055 H	FOX NEWS	27500
11.055 H	MUSIC NOW	27500
11.055 H	ORBIT NEWS 2	27500
11.055 H	PTest	27500
11.055 H	SUPER COMEDY	27500
11.055 H	MARHABA	27500
11.055 H	BBC ARABIC	27500
11.055 H	BBC ENGLISH	27500
11.055 H	CLASSICAL	27500
11.055 H	COUNTRY OF BLUES	27500
11.055 H	DANCE	27500
11.055 H	GMA DZBB	27500
11.055 H	HITS	27500
11.055 H	JAZZ	27500
11.055 H	KHALIJYA'T	27500
11.055 H	LITE FM	27500
11.055 H	LOVE SONGS	27500
11.055 H	MONAWA'T	27500
11.055 H	MONTE CARLO	27500
11.055 H	MOTOWN	27500
11.055 H	POP	27500
11.055 H	R&B	27500
11.055 H	ROCK	27500
11.055 H	SUPER GOLD	27500
11.055 H	TARABIYA'T	27500
11.055 H	VIRGIN RADIO	27500

11.075 H	AL RIYADIYAH	27500
11.075 H	AMERICA PLUS	27500
11.075 H	C-SPAN	27500
11.075 H	CNBC-US	27500
11.075 H	FOX NEWS	27500
11.075 H	MUSIC NOW	27500
11.075 H	ORBIT NEWS 2	27500
11.075 H	PTest	27500
11.075 H	SUPER COMEDY	27500
11.075 V	Al Habeeb Tv	27500
11.075 V	Al Hayat Series	27500
11.075 V	Al Lubnania 128	27500
11.075 V	Atlas 128	27500
11.075 V	Awal Tv	27500
11.075 V	DM TV 128	27500
11.075 V	Family One	27500
11.075 V	Harmony Tv	27500
11.075 H	MARHABA	27500
11.075 V	NOJOOM 4	27500
11.075 V	Sajaya	27500
11.075 V	Talemiah	27500
11.075 V	WATANI	27500
11.075 V	WTV 128	27500
11.075 H	BBC ARABIC	27500
11.075 H	BBC ENGLISH	27500
11.075 H	CLASSICAL	27500
11.075 H	COUNTRY OF BLUES	27500
11.075 H	DANCE	27500
11.075 H	GMA DZBB	27500
11.075 H	HITS	27500
11.075 H	JAZZ	27500
11.075 H	KHALIJYA'T	27500
11.075 H	LITE FM	27500
11.075 H	LOVE SONGS	27500
11.075 H	MONAWA'T	27500
11.075 H	MONTE CARLO	27500
11.075 H	MOTOWN	27500
11.075 H	POP	27500
11.075 H	R&B	27500
11.075 H	ROCK	27500
11.075 H	SUPER GOLD	27500
11.075 H	TARABIYA'T	27500
11.075 H	VIRGIN RADIO	27500
11.075 V	Ahwaz FM 128	27500
11.096 H	C-MUSIC	27500
11.096 H	DISCOVERY CHANNEL	27500
11.096 H	DISCOVERY SCIENCE	27500
11.096 H	DISNEY PLAYHOUSE	27500
11.096 H	EURONEWS	27500
11.096 H	EXTREME SPORTS	27500
11.096 H	FUN CHANNEL	27500
11.096 H	MnL TV	27500
11.096 H	NICKELODEON	27500
11.096 H	TRACE	27500
11.096 H	VOOM	27500
11.096 H	XTRA MOVIES	27500
11.096 H	MTV ARABIA	27500
11.146 V	SAT	5185
11.146 V	Terrestrial	5185
11.151 V	GPTC	2220
11.585 V	Discovery-Science	27500
11.585 V	Fox Sports	27500
11.585 V	AL JADEED	27500
11.585 V	ATLAS_TV	27500
11.585 V	AWAL TV	27500
11.585 V	DM-TV	27500
11.585 V	Fox News	27500
11.585 V	Fox Sports	27500
11.585 V	LBC-Europe	27500
11.585 V	OTV	27500
11.604 H	ANIMAL PLANET	27500
11.604 H	BBC PRIME	27500
11.604 H	CINEMA CITY +1	27500
11.604 H	DISNEY CHANNEL	27500
11.604 H	ORBIT NEWS	27500
11.604 H	AMERICA PLUS +2	27500
11.604 H	BOOMERANG	27500
11.604 H	CARTOON NETWORK	27500

11.604 H	CNNI	27500
11.604 H	DISCOVERY CHANNEL	27500
11.604 H	DISCOVERY T&L	27500
11.604 H	FOX SPORTS	27500
11.604 H	SUPER COMEDY +2	27500
11.604 H	TOON DISNEY	27500
11.604 H	e-GMA DZBB	27500
11.604 H	e-KHALIJYA'T	27500
11.604 H	e-MONAWA'T	27500
11.604 H	e-TARABIYA'T	27500
11.623 V	test	27500
11.623 V	Al Athar 156	27500
11.623 V	Al-Aqsa	27500
11.623 V	Al-Khel TV	27500
11.623 V	Auto one TV	27500
11.623 V	Bin-Othaimeen	27500
11.623 V	Jasco	27500
11.623 V	NART	27500
11.623 V	NOOR AL HODA	27500
11.623 V	Oscar Drama	27500
11.623 V	Sada Al Islam	27500
11.623 V	Salwa	27500
11.623 V	SANA	27500
11.623 V	Touor_Al-Janah	27500
11.623 V	WESAL	27500
11.635 H	Fann	14468
11.635 H	MkIs Feed	14468
11.635 H	Music Now	14468
11.635 H	Salwa	14468
11.662 V	4Shabab	27500
11.662 V	AI JADEED	27500
11.662 V	AlSumaria	27500
11.662 V	Arrai	27500
11.662 V	Auto One	27500
11.662 V	Bahrain TV	27500
11.662 V	HADI TV	27500
11.662 V	IRAQ Economic	27500
11.662 V	Karbala	27500
11.662 V	Mihnati-Art vision	27500
11.662 V	misk-tv	27500
11.662 V	Nour TV	27500
11.662 V	Shababeek	27500
11.662 V	Stock TV	27500
11.662 V	Supreme master	27500
11.662 V	El Nour Radio	27500
11.681 H	AL SAFWA	27500
11.681 H	AL YAWM	27500
11.681 H	CINEMA 1	27500
11.681 H	CINEMA 2	27500
11.681 H	FANN	27500
11.681 H	GMA LIFE TV	27500
11.681 H	GMA Pinoy TV	27500
11.681 H	HISTORY CHANNEL	27500
11.681 H	HOLLYWOOD	27500
11.681 H	NBA TV	27500
11.681 H	PINOY EXTREME	27500
11.681 H	SERIES+4	27500
11.681 H	SUPER MOVIES+1	27500
11.681 H	TCM	27500
11.681 H	GMA DWLS FM	27500

North Africa, Middle East
BADR-3,4
26.0 East
BADR03KB

11.727 H	Algeria	27500
11.727 H	Booyut Motmaeena	27500
11.727 H	Eriteria	27500
11.727 H	Ethiopia	27500
11.727 H	Hannibal	27500
11.727 H	Libya Sport (Riadia)	27500
11.727 H	Libya TV	27500
11.727 H	Mauritania	27500
11.727 H	Morroco TV	27500
11.727 H	Tunis	27500
11.727 H	Tunisie 21	27500
11.727 H	Algeria R1	27500
11.727 H	Algeria R2	27500
11.727 H	Eritera R1	27500
11.727 H	Eriteria R2	27500
11.727 H	Ethiopia R1	27500
11.727 H	Mauritania R1	27500
11.727 H	R- Tunisie- Culture	27500
11.727 H	R- Tunisie- Internat	27500
11.727 H	R- Tunisie- National	27500
11.727 H	Zitouna Tunisie	27500
11.747 V	A Thuraya	27500
11.747 V	AAKAR	27500
11.747 V	Al Jawhara TV	27500
11.747 V	Alkawthar	27500
11.747 V	ASNshop	27500
11.747 V	Oman	27500
11.747 V	Oyoun Jeddah	27500
11.747 V	Saudi 1	27500
11.747 V	Saudi 2	27500
11.747 V	Tayba TV	27500
11.747 V	Test	27500
11.747 V	OMAN ENGLISH PROG	27500
11.747 V	OMAN GENERAL PROG	27500
11.747 V	OMAN YOUTH PROGRA	27500
11.747 V	Radio RMC	27500
11.747 V	RFI Radio	27500
11.747 V	Saudi 2 R1	27500
11.747 V	Saudi1 R1	27500
11.747 V	Saudi1 R2	27500
11.785 V	A1 Shop	27500
11.785 V	El Emarah	27500
11.785 V	Future USA	27500
11.785 V	Ghinwa	27500
11.785 V	Sahm TV	27500
11.785 V	Strike	27500
11.785 V	Test 1	27500
11.785 V	Test 10	27500
11.785 V	Test 11	27500
11.785 V	Test 12	27500
11.785 V	Test 13	27500
11.785 V	Test 15	27500
11.785 V	Test 5	27500
11.785 V	Test 6	27500
11.785 V	Test 8	27500
11.804 H	A1 Shop	27500
11.804 H	ABU DHABI-A	27500

11.804 H	ABU DHABI-E	27500
11.804 H	AD Sports	27500
11.804 H	AL Emarat	27500
11.804 H	AlQuds TV	27500
11.804 H	El Emarah	27500
11.804 H	Future USA	27500
11.804 H	Ghinwa	27500
11.804 H	Poet	27500
11.804 H	Sahm TV	27500
11.804 H	SHARJAH TV	27500
11.804 H	Strike	27500
11.804 H	Test 1	27500
11.804 H	Test 10	27500
11.804 H	Test 11	27500
11.804 H	Test 12	27500
11.804 H	Test 13	27500
11.804 H	Test 15	27500
11.804 H	Test 2	27500
11.804 H	Test 3	27500
11.804 H	Test 5	27500
11.804 H	Test 6	27500
11.804 H	Test 8	27500
11.804 H	Training	27500
11.804 H	ABU DHABI RADIO	27500
11.804 H	AD RADIO 1	27500
11.804 H	ALAIN Athaan	27500
11.804 H	ALATHAN Radio	27500
11.804 H	EMARAT FM	27500
11.804 H	Fujairah Athaan	27500
11.804 H	LIWA Athaan	27500
11.804 H	QURAAN QARIM	27500
11.804 H	SHARJAH Radio	27500
11.804 H	SOWT ALMUSICA	27500
11.804 H	Test	27500
11.843 H	Al-Resaala	27500
11.843 H	Arabsat Promotion Ch	27500
11.843 H	Fox Movies	27500
11.843 H	Info.Mohammd	27500
11.843 H	Rotana Cinema	27500
11.843 H	Rotana Clip	27500
11.843 H	Rotana Khalijiah	27500
11.843 H	Rotana Music	27500
11.843 H	Rotana Tarab	27500
11.843 H	Rotana Zaman	27500
11.843 H	test	27500
11.862 V	A Ipha Shop	27500
11.862 V	AL JAZEERA CHILDR	27500
11.862 V	Montada	27500
11.862 V	Najah	27500
11.862 V	Oman TV2	27500
11.862 V	Rawae	27500
11.862 V	Scope TV	27500
11.862 V	Sehraya TV	27500
11.862 V	Test 2	27500
11.862 V	Test 3	27500
11.862 V	Test4	27500
11.862 V	Yara TV	27500
11.862 V	ALKAWTHAR Radio	27500
11.862 V	Oman Quraan Karim	27500
12.015 V	Al-EKhbaria	27500
12.015 V	Saudi Sport	27500
12.015 V	Saudi TV	27500
12.015 V	Saudi-1	27500
12.015 V	Saudi-2	27500
12.015 V	European	27500
12.015 V	Holy Quran	27500
12.015 V	Radio-5	27500
12.015 V	Saudi Radio-1	27500
12.015 V	Saudi Radio-2	27500

BADR04KB

11.823 V	AlManar	27500
11.823 V	Future News	27500
11.823 V	Future TV	27500
11.823 V	Future USA	27500
11.823 V	LBCI	27500
11.823 V	OTV	27500
11.823 V	Star Academy	27500
11.823 V	TeleLiban	27500
11.823 V	test 5	27500
11.823 V	Thane Express	27500
11.823 V	Radio El Nour	27500
11.823 V	Radio Orient	27500
11.919 H	MBC Int	27500
11.919 H	AL-Arabiya	27500
11.919 H	MBC Action	27500
11.919 H	MBC MAX	27500
11.919 H	MBC Persia	27500
11.919 H	MBC1	27500
11.919 H	MBC2	27500
11.919 H	MBC3	27500
11.919 H	MBC4	27500
11.919 H	TXT TV	27500
11.919 H	Jeddah FM	27500
11.919 H	MBC FM	27500
11.919 H	MBC FM ER	27500
11.919 H	Panjordon	27500
11.919 H	Panorama	27500
11.919 H	Riyadh FM	27500
11.938 V	Al Hurra	27500
11.938 V	Al Hurra Iraq	27500
11.938 V	AlManar TV	27500
11.938 V	Ameen	27500
11.938 V	AutoOne	27500
11.938 V	Bab El Mawada	27500
11.938 V	Beeaty TV	27500
11.938 V	DiTVe Promo 3	27500
11.938 V	Done Deal TV	27500
11.938 V	Fanoos	27500
11.938 V	Hamsa	27500
11.938 V	Musabaqat al Quran a	27500
11.938 V	OTV	27500
11.938 V	Rayhana TV	27500
11.938 V	Romanceya TV	27500
11.938 V	Shefaa TV	27500
11.938 V	TEST	27500
11.938 V	U-Mark	27500
11.938 V	El Nour Radio	27500
11.938 V	Radio Farda	27500
11.938 V	Radio Iraq north and	27500
11.938 V	Radio Sawa Iraq	27500
11.938 V	Radio Sawa Levent	27500
11.938 V	Radio Sawa Sudan	27500
11.957 H	HD VISIO TV	27500
11.957 H	LUXE TV HD	27500
11.957 H	Melody Zen HD	27500
11.957 H	HD VISIO TV2	27500
11.957 H	TEST	27500
11.958 H	HD VISIO TV	27500
11.958 H	LUXE TV HD	27500
11.958 H	Melody Zen HD	27500

11.958 H	HD VISIO TV2	27500
11.958 H	TEST	27500
11.976 V	Al Watan Plus	27500
11.976 V	Al Watan TV	27500
11.996 H	Al Jazzera	27500
11.996 H	AlAlam	27500
11.996 H	AlMustakillah	27500
11.996 H	Arabsat Promotional	27500
11.996 H	BBC Arabic	27500
11.996 H	CNBC Arabiya	27500
11.996 H	France 24 (in Arabic	27500
11.996 H	Nessma TV	27500
11.996 H	Rusiya Al-Yaum	27500
11.996 H	TEST	27500
11.996 H	AlAlam R1	27500
11.996 H	AlAlam R2	27500
11.996 H	BBC World English	27500
11.996 H	BBC World Service	27500
11.996 H	CNBC Arabiya R1	27500
11.996 H	WRN (Sawt AlAlam)	27500
12.034 H	AL JAZEERA CHILDR	27500
12.034 H	Alkass	27500
12.034 H	JSC	27500
12.034 H	JSC Documentary	27500
12.034 H	JSC English	27500
12.034 H	JSC Mubasher	27500
12.034 H	JSC Sports	27500
12.034 H	Qatar TV	27500
12.034 H	Qatar Radio	27500
12.034 H	Sout Al Khaleej	27500
12.034 H	Sout Al Rayyan	27500
12.053 V	Addounia TV	27500
12.053 V	AlAqsa	27500
12.053 V	AlRai	27500
12.053 V	Awtan	27500
12.053 V	Jordan TV	27500
12.053 V	KBS W	27500
12.053 V	Khabar	27500
12.053 V	Live TV	27500
12.053 V	Press TV	27500
12.053 V	Syria TV	27500
12.053 V	Test	27500
12.053 V	AlAqsa Voice	27500
12.053 V	Jordan Fann	27500
12.053 V	Jordan Radio	27500
12.053 V	Syria R1	27500
12.053 V	Syria R2	27500
12.053 V	Syria R3	27500
12.072 H	Aalam Hawaa	27500
12.072 H	Al Hiwar	27500
12.072 H	ANN TV	27500
12.072 H	Arabsat Promotion Ch	27500
12.072 H	Arosty	27500
12.072 H	Bab El Mawada	27500
12.072 H	BBC World Middle E	27500
12.072 H	Douaa TV	27500
12.072 H	Euronews	27500
12.072 H	Funoon TV	27500
12.072 H	Luxe TV	27500
12.072 H	NHK World	27500
12.072 H	Seha TV	27500
12.072 H	TEST	27500
12.072 H	TV5 Monde Orient	27500
12.073 H	Aalam Hawaa	27500
12.073 H	Al Hiwar	27500
12.073 H	ANN TV	27500
12.073 H	Arabsat Promotion Ch	27500
12.073 H	Arosty	27500
12.073 H	Bab El Mawada	27500
12.073 H	BBC World Middle E	27500
12.073 H	Douaa TV	27500
12.073 H	Euronews	27500
12.073 H	Funoon TV	27500
12.073 H	Luxe TV	27500
12.073 H	NHK World	27500
12.073 H	Seha TV	27500
12.073 H	TEST	27500
12.073 H	TV5 Monde Orient	27500

© SatcoDX Inc © TELE-satellite Medien GmbH — For Private and Personal Use Only

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
12.092	V	AL HRMAIN	27500
12.092	V	AL MOJTAMA	27500
12.092	V	ALDAFRAH Music	27500
12.092	V	Dunia TV	27500
12.092	V	EBONY TV	27500
12.092	V	Fujairah Media 12	27500
12.092	V	orient	27500
12.092	V	QRANNI TV	27500
12.092	V	SAHAR TV	27500
12.092	V	Shaer al Rasoul	27500
12.092	V	TEAM TV	27500
12.092	V	Zoal TV	27500
12.092	V	Coast FM	27500
12.092	V	Fujairah FM Radio	27500
12.111	H	Al Eqtisadia TV	27500
12.111	H	ALAAN TV	27500
12.111	H	ARIRANG	27500
12.111	H	ASHOROOQ TV	27500
12.111	H	Decision Makers Tv	27500
12.111	H	Dubai Sports 2	27500
12.111	H	INFINITY 2	27500
12.111	H	Jawna	27500
12.111	H	SHARAQIYA	27500
12.130	V	4FUN	27500
12.130	H	Ahlulbayt	27500
12.130	H	Al Eqtisadia TV	27500
12.130	V	Al Haqiqa	27500
12.130	V	Al Motahdth	27500
12.130	H	ALAAN TV	27500
12.130	H	ARIRANG	27500
12.130	H	ASHOROOQ TV	27500
12.130	H	Decision Makers Tv	27500
12.130	V	Dubai One	27500
12.130	V	Dubai Racing	27500
12.130	V	Dubai Sport	27500
12.130	H	Dubai Sports 2	27500
12.130	H	Dubai TV	27500
12.130	H	INFINITY 2	27500
12.130	H	IQRA	27500
12.130	H	Jawna	27500
12.130	V	Marasil	27500
12.130	H	Nilat	27500
12.130	H	Sama Dubai	27500
12.130	H	SHARAQIYA	27500
12.130	V	Al Mirbad Radio	27500
12.149	H	Al-Adalah	27500
12.149	H	ALBAGHDADIA	27500
12.149	H	ALhayat	27500
12.149	H	ALRwaad	27500
12.149	H	Amwaj	27500
12.149	H	Arosty	27500
12.149	H	Bedayah Nesaaya TV	27500
12.149	H	Daleel	27500
12.149	H	FUNoon Plus	27500
12.149	H	Hala TV	27500
12.149	H	Hayatouna TV	27500
12.149	H	Safa TV	27500
12.149	H	Wtanya	27500
12.167	V	Al Dawliya	27500
12.167	V	Ghiras TV	27500
12.167	V	MTV ARABIA	27500
12.167	V	Nickelodeon	27500
12.167	V	NOOR DUBAI	27500
12.182	H	AL-EMAN	16200
12.182	H	SHEBA	16200
12.182	H	YAMANIA	16200
12.182	H	YEMEN	16200
12.182	H	YEMEN R1	16200
12.182	H	YEMEN R2	16200
12.182	H	YEMEN R3	16200
12.182	H	YEMEN R4	16200
12.206	V	Aalam Hawaa	27500
12.206	V	Al-Iraqia	27500
12.206	V	AL-majd	27500
12.206	V	AL-majd Quran	27500
12.206	V	PEACE TV	27500
12.206	V	PSC	27500
12.206	V	Qatar TV	27500
12.206	V	RTD DJIBOUTI	27500
12.206	V	Sehraya	27500
12.206	V	Shada	27500
12.206	V	Sudan TV	27500
12.206	V	Tayba TV	27500
12.206	V	Al-Iraqia Quran	27500
12.206	V	Djibouti Radio	27500
12.206	V	PSC Radio	27500
12.206	V	Qatar Radio	27500
12.206	V	Radio Baghdad	27500
12.206	V	Sudan R1	27500
12.206	V	Sudan R2	27500
12.206	V	Tayba Radio	27500
12.226	H	Bahrain 55	27500
12.226	H	Bahrain Sport	27500
12.226	H	Bahrain TV	27500
12.226	H	Test 1	27500
12.226	H	Test 2	27500
12.226	H	Test 3	27500
12.226	H	Test 4	27500
12.226	H	Test 5	27500
12.226	H	Test 6	27500
12.226	H	Test 7	27500
12.226	H	Arab Classical Music	27500
12.226	H	Bahrain FM	27500
12.226	H	Bahrain Radio genera	27500
12.226	H	Holy Quran Channel	27500
12.226	H	News Channel	27500
12.226	H	Radio Bahrain	27500
12.226	H	Test 1	27500
12.226	H	Traditional Music	27500
12.284	V	AL- SENAAEA - I .	27500
12.284	V	Douaa	27500
12.284	V	Eretria	27500
12.284	V	Ethiopia	27500
12.284	V	Future TV	27500
12.284	V	Future USA	27500
12.284	V	Mauritania TV	27500
12.284	V	Montada	27500
12.284	V	Rawae TV	27500
12.284	V	Roayah	27500
12.284	V	Scope TV	27500
12.284	V	Syria Education	27500
12.284	V	Test	27500
12.284	V	EMARAT FM	27500
12.284	V	Eretria R1	27500
12.284	V	Eriteria R2	27500
12.284	V	Ethiopia R1	27500
12.284	V	Ethiopia R2	27500
12.284	V	Mauritania R	27500
12.284	V	Radio Orient	27500
12.523	H	ETHRAA	27500
12.523	H	KTV CH1	27500
12.523	H	KTV.H.Quran	27500
12.523	H	KUWAIT CH2	27500
12.523	H	KUWAIT FEED	27500
12.523	H	SPORT PLUS	27500
12.523	H	YOUTH SPORT	27500
4.150	R	ALKASS 03	8800
12.302	H	Aamal	27500
12.302	H	Douaa	27500
12.302	H	Montada	27500
12.302	H	Play Maker	27500
12.302	H	Rawae TV	27500
12.302	H	Ruayh	27500
12.302	H	Scope TV	27500

Europe, Africa
C-Band: BADR 6
26.1 East

BADR0CCH

Freq	Pol	Channel Name	Symbol rate
3.882	H	AAKAR	27500
3.882	H	Al Jawhara	27500
3.882	H	Booyut Motmaeena	27500
3.882	H	Family TV	27500
3.882	H	Oyoun Jeddah	27500
3.882	H	Press TV	27500
3.882	H	Sehraya	27500
3.882	H	Test	27500
3.882	H	Test1	27500
3.882	H	Thane TV	27500
3.882	H	Thuraya TV	27500
3.882	H	Yara TV	27500
4.040	H	AD Sports	27500
4.040	H	Al Ekhbaria	27500
4.040	H	Dubai TV	27500
4.040	H	Ethiopia	27500
4.040	H	IQRA	27500
4.040	H	OTV	27500
4.040	H	PRESS TV	27500
4.040	H	Riyadiyah	27500
4.040	H	Saudi-1	27500
4.040	H	Saudi-2	27500
4.040	H	Ethiopia R1	27500
4.094	H	BT15	4340

Europe
ASTRA 2A,B,C,D, EUROBIRD 1
28.2 East

Freq	Pol	Channel Name	Symbol rate
11.759	H	1484	27500
11.759	H	1381	27500
11.759	H	1382	27500
11.759	H	1383	27500
11.759	H	1384	27500
11.759	H	1385	27500
11.759	H	1386	27500
11.759	H	1387	27500
11.759	H	1388	27500
11.759	H	1389	27500
11.759	H	1481	27500
11.759	H	1482	27500
11.759	H	1483	27500
11.759	H	1485	27500
11.759	H	1486	27500
11.759	H	1487	27500
11.759	H	1488	27500
11.759	H	1489	27500
11.778	V	Music Choice	27500
11.778	V	60s	27500
11.778	V	70s	27500
11.778	V	80s	27500
11.778	V	90s	27500
11.778	V	All Day Party	27500
11.778	V	Arabic	27500
11.778	V	Bass, Breaks & Beats	27500
11.778	V	Blues	27500
11.778	V	Bollywood Hits	27500
11.778	V	Chansons	27500
11.778	V	Chillout	27500
11.778	V	Classic R'n'B & Soul	27500
11.778	V	Classic Rock	27500
11.778	V	Classical Calm	27500
11.778	V	Classical Greats	27500
11.778	V	Classical Orchestral	27500
11.778	V	Cocktail Lounge	27500
11.778	V	Cool Jazz	27500
11.778	V	Country	27500
11.778	V	DanceFloor Fillers	27500
11.778	V	Drive	27500
11.778	V	Freedom	27500
11.778	V	Groove (Disco & Funk	27500
11.778	V	Harder Than Hell	27500
11.778	V	Hip Hop	27500
11.778	V	Indie Classics	27500
11.778	V	Jazz Classics	27500
11.778	V	Kids	27500
11.778	V	New Age	27500
11.778	V	Reggae	27500
11.778	V	Revival (60s-70s)	27500
11.778	V	Rewind (80s-90s)	27500
11.778	V	Rock 'n' Roll	27500
11.778	V	Rock Anthems	27500
11.778	V	Schlager	27500
11.778	V	Silk (Love Songs)	27500
11.778	V	The Alternative - UK	27500
11.778	V	The Alternative-GER	27500
11.778	V	Total Hits - France	27500
11.778	V	Total Hits - Germany	27500
11.778	V	Total Hits - Italy	27500
11.778	V	Total Hits - NL	27500
11.778	V	Total Hits - Nordic	27500
11.778	V	Total Hits - Spain	27500
11.778	V	Total Hits - UK	27500
11.778	V	Turk Muziki	27500
11.778	V	Urban	27500
11.778	V	World Music	27500
11.778	V	EPG Background Audio	27500
11.778	V	IEPG data 1	27500
11.836	H	Sky Action	27500
11.836	H	Sky Classics	27500
11.836	H	Sky Comedy	27500
11.836	H	Sky Drama	27500
11.836	H	Sky Family	27500
11.836	H	Sky Indie	27500
11.836	H	Sky SciFi/Horror	27500
11.856	V	Sky Family HD	29500
11.856	V	FX HD	29500
11.856	V	Sky Screen 2HD	29500
11.856	V	SkyPremiereHD	29500
11.915	H	TV5	27500
11.934	V	Cust Chan Active	27500
11.934	V	Sky Cust Ch	27500
11.934	V	Games Slot 15	27500
11.934	V	Personal Organiser	27500
11.954	H	BBC ALBA	27500
11.954	H	BBC NEWS	27500
11.954	H	BBC PARL'MNT	27500
11.954	H	T7 STRM-0	27500
11.954	H	T7 STRM-1	27500
11.954	H	BBC London	27500
11.954	H	BBC 1Xtra	27500
11.954	H	BBC 6 Music	27500
11.954	H	BBC Asian	27500
11.954	H	BBC R Cymru	27500
11.954	H	BBC R n Gael	27500
11.954	H	BBC R Scot.	27500
11.954	H	BBC R Ulster	27500
11.954	H	BBC R Wales	27500
11.954	H	BBC R1	27500
11.954	H	BBC R2	27500
11.954	H	BBC R3	27500
11.954	H	BBC R4 FM	27500
11.954	H	BBC R4 LW	27500
11.954	H	BBC Radio 7	27500
11.954	H	BBC WS	27500
11.954	H	ETV3	27500
12.149	H	S1Test	27500
12.149	H	Eurosport2 UK	27500
12.149	H	Hallmark	27500
12.149	H	ParaComedy 2	27500
12.149	H	Sky Sports 1	27500
12.149	H	Sky Spts News	27500
12.149	H	Sky Spts Xtra	27500
12.149	H	SP News	27500
12.168	V	Sky MdnGrtsHD	29500
12.168	V	Sky SciFi/HorHD	29500
12.168	V	Sky Comedy HD	29500
12.168	V	Sky Drama HD	29500
12.227	H	1837	27500
12.227	H	1840	27500
12.227	H	1871 SOM Test	27500
12.227	H	KISS	27500
12.227	H	Q	27500
12.227	H	Sky1	27500
12.227	H	Sky2	27500
12.227	H	Sky3	27500
12.227	H	The Box	27500
12.227	H	CommunityChnl	27500
12.227	H	Movie Quiz	27500
12.227	H	Vegas Monopoly	27500
12.246	V	Bio HD	29500
12.246	V	Crime HD	29500
12.246	V	History HD	29500
12.246	V	Sky Action HD	29500
11.720	H	MTVN HD	29500
11.720	H	Sky Screen 1HD	29500
11.720	H	Sky Sports HD2	29500

Freq	Pol	Channel Name	Symbol rate
11.739	V	Bravo	27500
11.739	V	Bravo+	27500
11.739	V	Bravo+1	27500
11.739	V	Bravo~	27500
11.739	V	Challenge	27500
11.739	V	Challenge+	27500
11.739	V	LIVING	27500
11.739	V	LIVING +1	27500
11.739	V	Living+	27500
11.739	V	LIVING2	27500
11.739	V	test~~	27500
11.739	V	Trouble	27500
11.739	V	Trouble+	27500
11.817	V	Alibi	27500
11.817	V	Dave	27500
11.817	V	Eden	27500
11.817	V	G.O.L.D.	27500
11.817	V	UK Food~	27500
11.817	V	Uktv Docs~	27500
11.817	V	UKTV Food	27500
11.817	V	UKTV History	27500
11.817	V	UKTV Style	27500
11.817	V	Watch	27500
11.876	H	Animal Planet	27500
11.876	H	dis+	27500
11.876	H	Disc.Knowldge	27500
11.876	H	Disc.RealTime	27500
11.876	H	Disc.Science	27500
11.876	H	Disc.Turbo	27500
11.876	H	Discovery	27500
11.876	H	Discovery+1	27500
11.876	H	H&Li	27500
11.876	H	Home & Health	27500
11.876	H	Home&Health+	27500
11.876	H	Travel & Living	27500
11.895	V	7042	27500
11.895	V	Mtv	27500
11.895	V	MTV BASE	27500
11.895	V	MTV DANCE	27500
11.895	V	MTV HITS	27500
11.895	V	MTV ONE	27500
11.895	V	MTV ONE +1	27500
11.895	V	MTV Trax	27500
11.895	V	MTV TWO	27500
11.895	V	MTV®	27500
11.895	V	TMF	27500
11.895	V	VH1	27500
11.895	V	VH1 Classic	27500
12.051	V	Boomerang	27500
12.051	V	Boomerang +1	27500
12.051	V	Cartoon I	27500
12.051	V	Cartoon Netwrk	27500
12.051	V	CN Too	27500
12.051	V	Toonami I	27500
12.051	V	CNN	27500
12.051	V	5606	27500
12.129	V	B4U Movies	27500
12.129	V	7308	27500
12.129	V	B4U Music	27500
12.129	V	Create & Craft	27500
12.129	V	Ideal World 2	27500
12.129	V	S4C	27500
12.129	V	S4C SE	27500
12.129	V	S4C2	27500
12.129	V	Teletext Holidays	27500
12.129	V	Teletext Hols	27500
12.480	V	Channel 4	27500
12.480	V	Channel 4 +1	27500
12.480	V	E4	27500
12.480	V	E4+1	27500
12.480	V	More4	27500
12.480	V	12005	27500
12.480	V	Brit Asia TV	27500
12.480	V	Brit Hits	27500
12.480	V	TT on 4	27500
12.480	V	Asian Star	27500
11.993	H	6103	27500
11.993	H	7360	27500
11.993	H	7601	27500
11.993	H	Alibi +1	27500
11.993	H	Blighty	27500
11.993	H	Dave +1	27500
11.993	H	G.O.L.D. +1	27500
11.993	H	UKTV Food +1	27500
11.993	H	UKTV Gardens	27500
11.993	H	Uktv Gold+1~	27500
11.993	H	UKTV Style +1	27500
11.993	H	Watch +1	27500
12.012	V	Entertainment Video	27500
12.012	V	Portal Video	27500
12.012	V	Portal Video 1	27500
12.012	V	Portal Video 2	27500
12.012	V	Portal Video 5	27500
12.012	V	Video Application Va	27500
12.012	V	AUS Pre LiveSkyBet	27500
12.012	V	Games Slot 13	27500
12.012	V	Games Slot 14	27500
12.012	V	Games Slot 3	27500
12.012	V	Games Slot 4 (catfla	27500
12.012	V	Games Slot 5	27500
12.012	V	Games Slot 6	27500
12.012	V	Portal Video Applica	27500
12.012	V	SkyBet,Casino,Bingo&	27500
12.070	H	4Music	27500
12.070	H	FOX News	27500
12.070	H	Kerrang!	27500
12.070	H	Magic	27500
12.070	H	Sky Arts 2	27500
12.070	H	Sky Sports 1	27500
12.070	H	Sky Sports 3	27500
12.070	H	Sky Spts Xtra	27500
12.070	H	Smash Hits!	27500
12.070	H	Games Slot 11	27500
12.070	H	Games Slot 12	27500
12.070	H	Vegas Cashino	27500
12.070	H	Vegas Hit It Poker	27500
12.070	H	Vegas Wanted DOA	27500
12.090	V	STAR News	27500
12.090	V	STAR Plus	27500
12.285	V	Nat Geo	27500
12.285	V	Nat Geo+1hr	27500
12.285	V	RealmadridTV	27500
12.285	V	Sky 1	27500
12.285	V	Sky Arts 1	27500
12.285	V	Sky Screen 1	27500
12.285	V	Sky1	27500
12.285	V	yd1oe6	27500
12.285	V	yd2oe6	27500
12.285	V	{Empty}	27500
12.285	V	Games Slot 1	27500
12.285	V	Games Slot 2	27500
12.285	V	Games Slot 7	27500
12.285	V	Vegas Rainbow Riches	27500
12.383	H	MMS 3	27500
12.383	H	MMS 4	27500
12.383	H	MMS 7	27500
12.383	H	{Empty}	27500
12.383	H	1697	27500
12.383	H	4301	27500
12.383	H	Movies Active	27500
12.383	H	Sky	27500
12.383	H	Chl Line-up	27500
12.402	V	12199	27500
12.402	V	ITV1 Anglia W	27500
12.402	V	ITV1 Central SW	27500
12.402	V	ITV1 Mer N	27500
12.402	V	ITV1 Mer SE	27500
12.402	V	ITV1 TT S	27500
12.402	V	ITV1 Yorks E	27500
12.402	V	ITVt Quad	27500
12.461	H	Portal Video 7	27500
12.461	H	Sky Wonder Perks	27500
12.461	H	TV Picks 2009	27500
12.461	H	WML IA Application	27500
12.461	H	WML IA Application	27500
12.461	H	AUS Pre Live Sky A	27500
12.461	H	Games Slot 25	27500
12.461	H	launchpad	27500
12.461	H	Sky Active	27500
12.461	H	Sky Active WML Bro	27500
12.461	H	Sky Upgrade Dal	27500
12.461	H	TLM Portal Plug In	27500
12.461	H	TV Picks	27500
12.461	H	Vegas Bar x5	27500
12.461	H	Vegas Monty Python	27500

Freq	Pol	Channel Name	Symbol rate
12.461	H	Vegas Pyramid	27500
12.461	H	WAP Browser 1	27500
12.461	H	WAP Browser 2	27500
12.461	H	WML Highscores	27500
12.461	H	Wonder Perks	27500
11.973	V	MAX	27500
11.973	V	Sony TV Asia	27500
12.031	H	bid tv	27500
12.031	H	Ideal World	27500
12.031	H	price-drop tv	27500
12.031	H	QVC	27500
12.031	H	QVC IMM Test	27500
12.031	H	QVC Mosaic Test	27500
12.031	H	QVC Test	27500
12.031	H	QVC TSVNOW	27500
12.031	H	speedauctiontv	27500
12.110	H	Sky Sports 3	27500
12.110	H	Cartoonito	27500
12.110	H	FX	27500
12.110	H	SBL	27500
12.110	H	Sky Sports 1	27500
12.110	H	Sky Sports 2	27500
12.110	H	Sky Sports 3	27500
12.110	H	TCM 2	27500
12.110	H	Games Slot 23	27500
12.110	H	Games Slot 24	27500
12.188	H	Chelsea TV	27500
12.188	H	E! Entertainm	27500
12.188	H	Eurosport UK	27500
12.188	H	Nat Geo Wild	27500
12.188	H	ParaComedy 1	27500
12.188	H	ShortsTV	27500
12.188	H	TCM	27500
12.188	H	HSSNR	27500
12.188	H	5705	27500
12.188	H	Games Slot 10	27500
12.188	H	snc1	27500
12.188	H	Vegas DOND	27500
12.207	V	Sky News	27500
12.207	V	Sky News Eire (Cable	27500
12.207	V	Sky News UK (Cable)	27500
12.265	H	Sky Sports 2	27500
12.265	H	Jetix +1	27500
12.265	H	Nick Jr Test	27500
12.265	H	Nick Jr.	27500
12.265	H	Nick Replay	27500
12.265	H	Nick Test	27500
12.265	H	Nickelodeon	27500
12.265	H	Nicktoons	27500
12.265	H	Sky Sports 2	27500
12.265	H	Cartoon Network Game	27500
12.265	H	Cartoon Network Game	27500
12.265	H	Games Slot 3	27500
12.265	H	Games Slot 4 (catfla	27500
12.265	H	Games Slot 9	27500
12.305	H	1429	27500
12.305	H	Crime	27500
12.305	H	Jetix	27500
12.305	H	Retail Info	27500
12.305	H	Sky Vegas	27500
12.305	H	SkyPoker.com	27500
12.305	H	5048	27500
12.305	H	T Mobile DAL	27500
12.305	H	Wap Casino One	27500
12.344	H	Eurosport HD	29500
12.344	H	Nat Geo HD	29500
12.344	H	Sky1 HD	29500
12.363	V	HD Retail Info	29500
12.363	V	SBO HD1	29500
12.363	V	SBO HD2	29500
12.363	V	Sky Sports HD3	29500
12.441	V	STREAM-0	27500
12.441	V	STREAM-1	27500
12.441	V	STREAM-2	27500
12.441	V	STREAM-3	27500
12.441	V	STREAM-4	27500
12.441	V	STREAM-5	27500
12.441	V	STREAM-6	27500

AST02CKU

Freq	Pol	Channel Name	Symbol rate
10.964	H	FIVE	22000
10.964	H	FIVE USA	22000
10.964	H	FIVE USA+1	22000
10.964	H	FIVER	22000
10.964	H	FIVER+1	22000

AST02DKB

Freq	Pol	Channel Name	Symbol rate
10.714	H	c4 I	22000
10.714	H	c4 nl	22000
10.714	H	Channel 4	22000
10.714	H	Film4	22000
10.714	H	Film4 +1	22000
10.714	H	More4 +1	22000
10.729	H	8389	22000
10.729	V	c4 I +1	22000
10.729	V	Channel 4 +1	22000
10.729	V	e4	22000
10.729	V	E4	22000
10.729	V	E4+1	22000
10.729	V	More4	22000
10.744	H	DW-TV	22000
10.744	H	RTE One	22000
10.744	H	RTE TWO	22000
10.744	H	TG4	22000
10.744	H	TV3	22000
10.744	H	Portal Video	22000
10.744	H	Portal Video 1	22000
10.744	H	Portal Video 2	22000
10.744	H	Portal Video 5	22000
10.744	H	T Mobile Test 601	22000
10.744	H	Video Application Va	22000
10.744	H	RTE 2FM	22000
10.744	H	RTE Lyric fm	22000
10.744	H	RTE R na G	22000
10.744	H	RTE Radio 1	22000
10.759	V	CITV	22000
10.759	V	ITV1 Anglia E	22000
10.759	V	ITV1 Central W	22000
10.759	V	ITV1 Granada	22000
10.759	V	ITV1 London	22000
10.759	V	ITV2	22000
10.759	V	ITV4	22000
10.759	V	ITVt Stream 44	22000
10.759	V	Men & Motors	22000
10.773	H	BBC 1 London	22000
10.773	H	BBC 1 NI	22000
10.773	H	BBC 2 England	22000
10.773	H	BBC FOUR	22000
10.773	H	BBC TES 3	22000
10.773	H	BBC THREE	22000
10.773	H	CBBC Channel	22000
10.773	H	CBeebies	22000
10.773	H	ETV	22000
10.773	H	Five	22000

Freq	Pol	Channel Name	Symbol rate
10.788	V	BBC 1 E Mids	22000
10.788	V	BBC 1 East (E)	22000
10.788	V	BBC 1 N West	22000
10.788	V	BBC 1 W Mids	22000
10.788	V	BBC 1 Yorks	22000
10.788	V	BBC 1 Yrks&Lin	22000
10.788	V	ETV5	22000
10.803	H	BBC 1 Scotland	22000
10.803	H	BBC 1 Wales	22000
10.803	H	BBC 2 NI	22000
10.803	H	BBC 2 Scotland	22000
10.803	H	BBC 2 Wales	22000
10.803	H	ETV2	22000
10.803	H	BBC R5L	22000
10.803	H	BBC R5SX	22000
10.818	V	BBC 1 NE & C	22000
10.818	V	BBC 1 Oxford	22000
10.818	V	BBC 1 S East	22000
10.818	V	BBC 1 S West	22000
10.818	V	BBC 1 South	22000
10.818	V	BBC 1 West	22000
10.818	V	ETV6	22000
10.832	H	G49	22000
10.832	H	ITV1 Border	22000
10.832	H	ITV1 Central E	22000
10.832	H	ITV1 Central S	22000
10.832	H	ITV1 W Country	22000
10.832	H	ITV1 Wales	22000
10.832	H	ITV1 West	22000
10.832	H	ITV4+1	22000
10.847	V	6945	22000
10.847	V	BBC HD	22000
10.847	V	BBC 1 CI	22000
10.847	V	BBC 1 East (W)	22000
10.862	H	Disney Chnl	22000
10.862	H	DCT (t51)	22000
10.862	H	Disney Chnl+1	22000
10.862	H	Disney Cine	22000
10.862	H	Disney Cine+1	22000
10.862	H	Play Disney	22000
10.862	H	Play Disney+	22000
10.862	H	ArrwRock	22000
10.862	H	Galaxy	22000
10.862	H	Heart	22000
10.862	H	LBC 97.3	22000
10.862	H	Oneword	22000
10.862	H	punjabi radio	22000
10.862	H	Real Radio	22000
10.862	H	Smooth	22000
10.862	H	talkSPORT	22000
10.862	H	Vegas Cleopatra	22000
10.862	H	Vegas Diamond Compas	22000
10.862	H	Vegas Golden Doubloo	22000
10.862	H	Vegas Roulette II	22000
10.877	V	1356	22000
10.877	V	At The Races	22000
10.877	V	FX+	22000
10.877	V	Sky Real Lives	22000
10.877	V	Sky Sports 2	22000
10.877	V	Sky Travel	22000
10.877	V	SkyRealLive+1	22000
10.877	V	SkyRealLives2	22000
10.891	H	G53	22000
10.891	H	ITV1 Anglia S	22000
10.891	H	ITV1 BorderSco	22000
10.891	H	ITV1 Meridian E	22000
10.891	H	ITV1 Meridian S	22000
10.891	H	ITV1 TT N	22000
10.891	H	ITV1 Yorks W	22000
10.891	H	ITV2+1	22000
10.906	V	G54	22000
10.906	V	ITV Channel Is	22000
10.906	V	IT

DishPointer.com

See where to point your dish, before you climb on the roof!

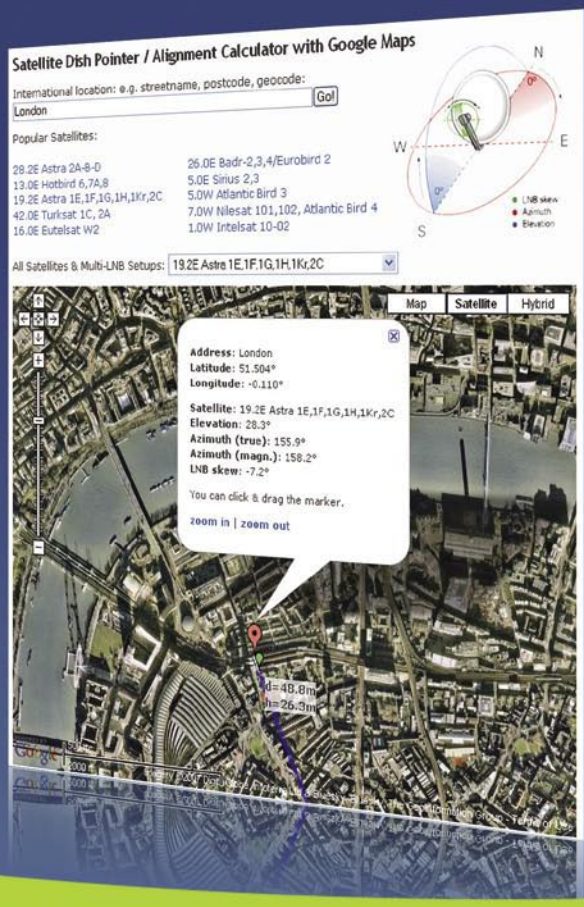
DishPointer, the state-of-the-art dish alignment and satellite information tool, is now available for commercial companies as a customised solution, programmed to fit individual needs.

FREE Widget

Add DishPointer Lite to your site - it's free!

TV stations & program providers
Online shops & distributors
Satellite operators
Receiver manufacturers
Professional installers
and many more...

Give your clients and customers easy access to satellite information, hassle-free and straight to the point. For more information, visit www.dishpointer.com.



References

Powered By SatcoDX

www.dishpointer.com
info@dishpointer.com

12.560 H	Setanta Golf	27500
12.560 H	Setanta News	27500
12.560 H	Setanta Sports1	27500
12.560 H	Setanta Sports2	27500
12.560 V	Best Direct	27500
12.560 V	BestDirect+	27500
12.560 V	Bubble Hits	27500
12.560 V	EuroNews	27500
12.560 V	O'seasproperty	27500
12.560 V	Real Estate +1	27500
12.560 V	Rocks & Co.	27500
12.560 V	Thomson TV	27500
12.560 V	Travel Channel	27500
12.560 V	TravelChannel2	27500
12.560 V	Tron Direct 2	27500
12.560 V	Wedding TV+1	27500
12.560 V	Zone Thriller	27500
11.390 H	Investigation	27500
11.428 H	Brit Shorts	27500
11.428 H	-	27500
11.428 H	GROOVE	27500
11.428 H	HINRG LOWNRG	27500
11.428 H	RADIO SHEPHERD	27500
11.428 H	WELL CLASS	27500
11.797 H	Channel 4 HD	29500
11.797 H	Sky Sports HD1	29500
11.797 H	SkyRealLiveHD	29500
12.324 V	SCI FI HD	29500
12.324 V	Discovery HD	29500
12.324 V	Disney Cine HD	29500
12.607 V	Rush HD	27500
12.607 H	Gay TV	27500
12.607 H	redhot 40+	27500
12.607 H	redhot amateur	27500
12.607 H	redhot dd	27500
12.607 H	redhot fetish	27500
12.607 H	redhot girl girl	27500
12.607 H	redhot just 18	27500
12.607 H	Television X	27500
12.607 H	TVX Amateur	27500
12.607 H	TVX Brits	27500
12.607 H	TVX FFWD	27500
12.607 V	Zee Cinema	27500
12.607 V	Zee Gujarati	27500
12.607 V	Zee Punjabi	27500
12.607 V	Zee TV	27500
12.607 H	G2 Family	27500
12.607 V	Live XXX	27500
12.607 H	Pulse +45mins	27500
12.607 V	Zee Muzic	27500
12.643 H	Luxe TV HD	27500
12.643 V	DMAX+1.5	27500
12.643 V	DMAX+2	27500
12.643 V	Military	27500
12.643 V	Nick Jr	27500
12.643 V	Nickelodeon	27500
12.643 V	ParaComedy+1	27500
12.643 V	The Style Ntwk	27500
12.643 V	1896	27500
12.643 V	54350	27500
12.643 H	Body In Balance	27500
12.643 H	HITV	27500
12.643 H	Live Bingo	27500
12.643 H	Luxe TV	27500
12.643 H	Music India	27500
12.643 H	Noor TV	27500
12.643 V	OceanFinance	27500
12.643 V	Teachers TV	27500
12.643 V	World Movies	27500
12.643 V	Young@Heart	27500
12.690 V	BET +1	27500
12.690 V	channel U	27500
12.690 V	Entrepreneur	27500
12.690 V	Film24	27500
12.690 V	Gems.tv 3	27500
12.690 V	MATV National	27500
12.690 V	Pitch TV	27500
12.690 V	Pitch World	27500
12.690 V	Press TV	27500
12.690 V	Sunrise TV	27500
12.690 V	SupremeMastr	27500
12.690 V	Travel Ch +1	27500
12.690 V	Wonderful	27500

ARABSAT 2B
30.5 East
ARA02BKU

12.582 V	ART-SNG 2	4220
12.589 V	BN SPACE CHANNEL	4220
12.661 V	Almajd 05	27500
12.661 V	Almajd 06	27500
12.661 V	Almajd 07	27500
12.661 V	Almajd 08	27500
12.661 V	Almajd 09	27500
12.661 V	Almajd 10	27500
12.661 V	Almajd 11	27500
12.661 V	Almajd 12	27500
12.661 V	Almajd 13	27500
12.661 V	Almajd 14	27500
12.661 V	Almajd 01	27500
12.661 V	Almajd 02	27500
12.661 V	Almajd 03	27500
12.661 V	Almajd 04	27500
12.740 V	OMAN TV SPECIAL	5084
12.740 V	OMAN TV CH1	5084
12.740 V	OMAN RADIO FEEDS	5084

Europe
ASTRA 5A/1D
31.5 East

10.995 V	TEMPO -TURK	2222
11.002 V	HAMSI TV	2222
12.059 H	BUSINESS	3925
12.226 H	CITY FM	27500
12.226 H	HUMOR FM	27500
12.226 H	KINO FM	27500
12.226 H	POMESTNOE	27500
12.226 H	Turinfo.TV	27500
12.226 H	107-8	27500
12.226 H	AvtoRadio	27500
12.226 H	Business FM	27500
12.226 H	City FM	27500
12.226 H	DOPO*HOE	27500
12.226 H	Energia	27500
12.226 H	G.2	27500
12.226 H	Gardarika	27500
12.226 H	Humor FM	27500
12.226 H	Kino FM	27500
12.226 H	Piter RS	27500
12.226 H	Pomestnoe	27500
12.226 H	Radio Alla	27500
12.226 H	Radio Record	27500
12.226 H	Radio Vanya	27500
12.226 H	Record-2	27500
12.226 H	Relax	27500
12.226 H	Shanson	27500

INTELSAT 802/EUROBIRD 3
33.0 East
EUB003KA

11.175 H	Animal Planet	23600
11.175 H	GTV	23600
11.175 H	Jetix	23600
11.175 H	Planeta	23600
11.175 H	Premium Digital	23600
11.175 H	ART Channel	23600
11.175 H	Estate	23600
11.175 H	FolklorTV	23600
11.175 H	Kanal 3	23600
11.175 H	RE:TV	23600
11.175 H	SC: Folk	23600
11.175 H	Zdrave	23600
11.650 V	Turf TV	10098
11.685 H	AKILLI TV	17360
11.685 H	DIGITURK INFO	17360
11.685 H	KANAL A	17360
11.685 H	SAUDI 1 TV	17360
11.685 H	ZDF	17360

EUB003KB

10.978 V	Test	5787
11.098 H	TV8 Mont Blanc	2441
11.110 H	FOX TURK	3124
11.140 V	MTV/MICK WALLONNE	4881
11.165 V	RETE ORO	1666
11.596 V	BTV	27500
11.596 V	MAP TV	27500
11.596 V	Radio BNL	27500
11.596 V	Radio Carrefour	27500
11.596 V	Radio GS	27500
11.596 V	Radio IperStanda	27500
11.027 V	Sci-Fi	8681
11.027 V	Universal	8681
11.555 H	SATNEWSTV 02	6400

East Europe
EUTELSAT SESAT, W4
36.0 East

11.727 L	Football test	27500
11.727 L	Sport 1	27500
11.727 L	Sport 2	27500
11.727 L	TBi	27500
11.727 L	Transmit	27500
11.727 L	BIZ TV	27500
11.727 L	CHANSON	27500
11.727 L	Che-Pe_INFO	27500
11.727 L	First Automotive	27500
11.727 L	O2TV	27500
11.727 L	RUTV	27500
11.727 L	TV3	27500
12.072 L	Discovery HD	27500
12.072 L	Eurosport HD	27500
12.072 L	HD-Life	27500
12.072 L	HD-Кино	27500
12.072 L	HD-Спорт	27500
12.175 L	TNV	4340
12.190 L	365 дней	20000
12.190 L	Teen TV	20000
12.190 L	Автоплюс	20000
12.190 L	Веселое ТВ	20000
12.190 L	Дом Кино	20000
12.190 L	Комедия ТВ	20000
12.190 L	Мать и дитя	20000
12.190 L	Много ТВ	20000
12.190 L	Ночной Клуб	20000
12.190 L	Русская Ночь	20000
12.190 L	Теленяня	20000
12.190 L	Телепутешествия	20000
12.226 L	Бибигон	27500
12.226 L	Вести	27500
12.226 L	ДТВ	27500
12.226 L	Культура	27500
12.226 L	МузТВ	27500
12.226 L	НТВ	27500
12.226 L	Первый	27500
12.226 L	Петербург 5 канал	27500
12.226 L	Рен ТВ	27500
12.226 L	Россия	27500
12.226 L	Спорт	27500
12.226 L	ТВЦ	27500
12.226 L	ТНТ	27500
12.226 L	ТриколорТВ	27500
12.245 R	BBC World News	27500
12.245 R	Bloomberg	27500
12.245 R	Eurosport 2	27500
12.245 R	Nickelodeon	27500
12.245 R	Russia Today	27500
12.245 R	TV5	27500
12.245 R	World Fashion	27500
12.245 R	Детский мир/Телеклуб	27500
12.245 R	Кинохит	27500
12.245 R	НТВ Мир	27500
12.245 R	Наше новое кино	27500
12.283 R	5 канал (Украина)	27500
12.283 R	CCTV4	27500
12.283 R	CCTV9	27500
12.283 R	ICTV	27500
12.283 R	Время: далекое и бли	27500
12.283 R	Мегаспорт	27500
12.283 R	НТН	27500
12.283 R	Парк развлечений	27500
12.283 R	Первый канал. Всемир	27500
12.283 R	РТР-Планета	27500
12.283 R	Совершенно секретно	27500
12.303 L	Боец ТВ	27500
12.303 L	Домашний	27500
12.303 L	Зоо ТВ	27500
12.303 L	Индия ТВ	27500
12.303 L	Кинопоказ	27500
12.303 L	СТС	27500
12.303 L	Тонус ТВ	27500
12.303 L	7TV	27500
12.303 L	A-ONE	27500
12.303 L	BRIDGE TV	27500
12.303 L	Союз	27500
12.303 L	AvtoRadio	27500
12.303 L	Energia	27500
12.303 L	Humor-FM	27500
12.303 L	Radio Alla	27500
12.303 L	Воскресение	27500
12.303 L	Новый день	27500
12.322 R	Blue Hustler	27500
12.322 R	REN-TV	27500
12.322 R	Киноклуб	27500
12.322 R	Кто есть кто	27500
12.322 R	Наше кино	27500
12.322 R	Первый	27500
12.322 R	Премьера	27500
12.322 R	Спорт	27500
12.322 R	Футбол	27500
12.322 R	Инфоканал	27500
12.341 L	AXN Sci Fi	27500
12.341 L	Gameland.TV	27500
12.341 L	RU.TV	27500
12.341 L	Sci Fi	27500
12.341 L	Universal	27500
12.341 L	Домашний	27500
12.341 L	Кинорейс 1	27500
12.341 L	Кинорейс 2	27500
12.341 L	Комеди ТВ	27500
12.360 R	AC Milan Channel	27500
12.360 R	Animal Planet	27500
12.360 R	CNN	27500
12.360 R	Detskiy Mir/Teleclub	27500
12.360 R	Discovery Channel	27500
12.360 R	Eurokino	27500
12.360 R	Fox Life	27500
12.360 R	Fox-Crime	27500
12.360 R	NatGeo Wild test	27500
12.360 R	Planeta - SPORT	27500
12.360 R	Sci-Fi	27500
12.360 R	Sport 3	27500
12.360 R	Sport 4	27500
12.360 R	TEST20	27500
12.360 R	TEST21	27500
12.360 R	TET	27500
12.360 R	Universal	27500
12.360 R	UT-1	27500
12.360 R	World Fashion Channe	27500
12.360 R	Che-Pe_INFO	27500
12.360 R	Smash TV	27500
12.380 L	365 дней ТВ	27500
12.380 L	Авто Плюс	27500
12.380 L	Боец ТВ	27500
12.380 L	Закон-ТВ	27500
12.380 L	Индия ТВ	27500
12.380 L	Интересное ТВ	27500
12.380 L	Комедия ТВ	27500
12.380 L	Кухня ТВ	27500
12.380 L	Ля-минор ТВ	27500
12.380 L	МНОГОсерийное ТВ	27500
12.380 L	Русская ночь	27500
12.380 L	ТВ Бульвар	27500
12.399 R	24ДОК	27500
12.399 R	Fashion TV Network	27500
12.399 R	MTV Russia	27500
12.399 R	Вести	27500
12.399 R	Звезда	27500
12.399 R	Киносоюз	27500
12.399 R	Культура	27500
12.399 R	НТВ	27500
12.399 R	Россия	27500
12.399 R	СТС-Москва	27500
12.399 R	Спас	27500
12.399 R	Спорт on-line	27500
12.399 R	ТНТ	27500
12.399 R	Relax FM	27500
12.399 R	Эхо Москвы	27500
12.418 L	3 канал	27500
12.418 L	Rusiya Al-Yaum	27500
12.418 L	TV SALE	27500
12.418 L	VH-1 Russia	27500
12.418 L	Бибигон	27500
12.418 L	Дом Кино	27500
12.418 L	ММР	27500
12.418 L	Музыка Первого	27500
12.418 L	Первый МЕТЕО	27500
12.418 L	Петербург - 5 канал	27500
12.418 L	РБК-ТВ	27500
12.418 L	ТВЦ	27500
12.418 L	Теленяня	27500
12.418 L	Радио Дети FM ТЕСТ	27500
12.437 R	NBA TV	27500
12.437 R	Муз ТВ	27500
12.437 R	НСТ	27500
12.437 R	Наш футбол	27500
12.437 R	Ностальгия	27500
12.437 R	РТР-Спорт	27500
12.437 R	Русское Экстремально	27500
12.437 R	Спорт Классика	27500
12.437 R	Спорт Союз	27500
12.437 R	Теннис	27500
12.456 L	Animal Planet	27500
12.456 L	Discovery	27500
12.456 L	Discovery Travel&Liv	27500
12.456 L	Eurosport	27500
12.456 L	Hallmark	27500
12.456 L	Jetix	27500
12.456 L	Jetix Play	27500
12.456 L	Mezzo (Muzzik)	27500
12.456 L	Music Box	27500
12.456 L	National Geographic	27500
12.456 L	Zone Romantica	27500
12.456 L	ТДК	27500
12.476 R	Cartoon Network/TCM	27500
12.476 R	CNN International	27500
12.476 R	Discovery Science	27500
12.476 R	Discovery World	27500
12.476 R	Euronews	27500
12.476 R	Extreme Sports	27500
12.476 R	Jim Jam	27500
12.476 R	MCM	27500
12.476 R	MGM Int.	27500
12.476 R	MTV Dance	27500
12.476 R	Nat Geo Wild	27500
12.476 R	VH1 Classic	27500
12.476 R	Zone Reality	27500

Africa
EUTELSAT SESAT, W4
36.1 East
EUT0W4AF

12.284 H	AMag+	26480
12.284 H	BLITZ	26480
12.284 H	go	26480
12.284 H	KAIDy	26480
12.284 H	Mwld	26480
12.284 H	NaGeo	26480
12.284 H	SkyN	26480
12.284 H	SS5	26480
12.284 H	SS7	26480
12.284 H	ZnRea	26480
12.284 H	Fut_R	26480
12.360 H	B4U	26480
12.360 H	C+H	26480
12.360 H	CN	26480
12.360 H	CNN	26480
12.360 H	E !	26480
12.360 H	FR24	26480
12.360 H	MTV	26480
12.360 H	RTPi	26480
12.360 H	TV5	26480
12.360 H	CII	26480
12.360 H	RFI	26480
12.360 H	TAR	26480
12.360 H	VOA	26480
12.360 H	WRN	26480
12.399 R	ESPN	26480
12.399 R	HallM	26480
12.399 R	RAI	26480
12.399 R	SET A	26480
12.399 H	TF6	26480
12.399 H	TSN	26480
12.399 H	ZeeTV	26480
12.399 H	EuroN	26480
12.399 H	BBC1	26480
12.399 H	BBC2	26480
12.399 H	BBC3	26480
12.399 H	RAI R	26480
12.399 H	Okapi	26480
12.440 H	Actio	23437
12.440 H	BBC E	23437
12.440 H	BBC W	23437
12.440 H	CRIME	23437
12.440 H	Dsny	23437
12.440 H	MNetE	23437
12.440 H	Mstar	23437
12.440 H	MTV B	23437
12.440 H	OneG	23437
12.440 H	SS2	23437
12.440 H	SSsel	23437
12.440 H	Learn	23437
12.440 H	TCM	23437
12.440 H	ITest	23437
11.142 H	Ang 1	30000
11.142 H	Ang 2	30000
11.142 H	CCE&F	30000
11.142 H	FUT	30000
11.142 H	Insp	30000
11.142 H	KBCTV	30000
11.142 H	NGwld	30000
11.142 H	NTA_B	30000
11.142 H	NTV	30000
11.142 H	SSTv	30000
11.142 H	TDC1	30000
11.142 H	ZDF	30000
11.142 H	KTN	30000
11.142 H	CORO	30000
11.142 H	Easy	30000
11.142 H	IDHAA	30000
11.142 H	KBCes	30000
11.142 H	METRO	30000
11.476 H	13RUE	29000
11.476 H	Can+C	29000
11.476 H	CineC	29000
11.476 H	FR2	29000
11.476 H	FR5	29000
11.476 H	Fut8	29000
11.476 H	LCI	29000
11.476 H	Plan	29000
11.476 H	RTBF	29000
11.476 H	RTL9	29000
11.476 H	Sprt+	29000
11.476 H	Tiji	29000
11.476 H	TRACE	29000
11.507 V	BBC C	30000
11.507 V	BBC K	30000
11.507 V	CNBCA	30000
11.507 V	ESPNC	30000
11.507 V	FOX	30000
11.507 V	FOX C	30000
11.507 V	FOX L	30000
11.507 V	GTV_B	30000
11.507 V	NTVU	30000
11.507 V	PANDA	30000
11.507 V	PFC	30000
11.507 V	S MAX	30000
11.507 V	SMAX2	30000
11.559 H	AXN	29000
11.559 H	DsnyP	29000
11.559 H	Globo	29000
11.559 H	MTV P	29000
11.559 H	NGeoP	29000
11.559 H	RTNC	29000
11.559 H	RTPa	29000
11.559 H	SIC I	29000
11.559 H	SIC N	29000
11.559 H	TVC1	29000
11.559 H	TVC2	29000
11.559 H	TVMoz	29000
11.559 H	TVRec	29000
11.559 H	TVUga	29000
11.559 H	Ant 1	29000
12.322 H	AJE	26480
12.322 H	AnimP	26480
12.322 H	Boom	26480
12.322 H	Event	26480
12.322 H	FTV	26480
12.322 H	HIST	26480
12.322 H	Rhema	26480
12.322 H	SS6	26480
12.322 H	70s	26480
12.322 H	AdulC	26480
12.322 H	Afric	26480
12.322 H	Beaut	26480
12.322 H	CampR	26480
12.322 H	ClasJ	26480
12.322 H	ClasR	26480
12.322 H	Contl	26480
12.322 H	Dance	26480
12.322 H	FrenC	26480
12.322 H	GospI	26480
12.322 H	Htrax	26480
12.322 H	LiteC	26480
12.322 H	R'nR	26480
12.322 H	Regga	26480
12.322 H	SmthJ	26480
12.322 H	SoftH	26480
12.322 H	Symph	26480
12.322 H	UBeat	26480
12.322 H	Urban	26480
12.476 H	AMag	26040
12.476 H	BBC L	26040
12.476 H	ChO	26040
12.476 H	Disc	26040
12.476 H	MM1	26040
12.476 H	MM2	26040
12.476 H	MNetW	26040
12.476 H	Serie	26040
12.476 H	SS1	26040
12.476 H	SS3	26040
12.476 H	SSmax	26040
12.476 H	TBN	26040

© SatcoDX Inc © TELE-satellite Medien GmbH — For Private and Personal Use Only

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
GHz			
PAKSAT 1			
38.1 East			
11.029	V	Tandberg Service	1799
11.161	V	feed 1 (feed 1)	4600
11.185	V	PTV.K.DSNG	3333
11.456	V	ISL DAWN TV	2850
11.456	V	DSNG	2850
11.677	V	Xandberg Service	3000
Europe			
HELLAS SAT 2			
39.0 East			
HEL002F1			

12.524	H	Animal Planet	30000
12.524	V	AXN SCI FI	30000
12.524	H	BNT 1	30000
12.524	H	bTV	30000
12.524	V	Cinemax 2	30000
12.524	H	Diema	30000
12.524	H	Diema 2	30000
12.524	V	Discovery	30000
12.524	V	Discovery Channel	30000
12.524	V	Euforia	30000
12.524	V	Eurosport 2	30000
12.524	H	HBO	30000
12.524	V	HBO Comedy	30000
12.524	V	Kiss TV	30000
12.524	V	Money Channel	30000
12.524	H	Nova TV	30000
12.524	H	Planeta TV	30000
12.524	H	Private Spice	30000
12.524	V	Science	30000
12.524	V	Sport Klub	30000
● 12.524	H	TV Plus	30000
12.524	H	TVZ	30000
12.524	V	TVR 1	30000
12.524	V	TVR 2	30000
12.524	V	TVR Cultural	30000
12.524	V	VH 1 Classic	30000
12.524	H	The Voice	30000
12.565	V	Acasa TV	30000
12.565	V	Antena 1	30000
12.565	V	Antena 2	30000
12.565	V	Antena 3	30000
12.565	V	AXN	30000
12.565	V	B1	30000
● 12.565	V	CineStar	30000
12.565	V	Favorit TV	30000
12.565	V	Minimax/Anime	30000
12.565	V	N24	30000
12.565	V	National TV	30000
12.565	V	OTV	30000
12.565	V	Prima TV	30000
12.565	V	PRO TV	30000
12.565	V	PRO TV INTL.	30000
12.565	V	Realitatea TV	30000
12.565	V	Sport.ro	30000
12.565	V	X-Dream TV	30000
12.577	H	Film Plus HD	10000
12.577	H	Bulsatcom HD	10000
12.647	V	AXN CRIME	30000
12.647	H	BNT Sat	30000
12.647	V	Boomerang	30000
12.647	V	Cartoon NetTCM	30000
12.647	V	Cartoon Network	30000
12.647	V	CNN Intern.	30000
12.647	H	Discovery Science	30000
12.647	H	Discovery Travel & L	30000
12.647	H	Discovery World	30000
12.647	H	Eurocom BG	30000
12.647	V	Euronews	30000
12.647	V	Film Plus	30000
12.647	V	Free-X TV	30000
12.647	V	Free-X TV 2	30000
12.647	H	GTV	30000
● 12.647	H	Hallmark	30000
12.647	H	Hustler TV	30000
12.647	V	Kanal D	30000
12.647	V	MTV 2	30000
12.647	V	MTV Dance	30000
12.647	V	MTV Romania	30000
12.647	V	Private Spice	30000
12.647	H	Super 7	30000
12.647	V	TCM	30000
12.647	V	Travel&Living	30000
12.647	H	TV Evropa	30000
12.647	H	VH1	30000
12.647	H	Viasat History	30000
12.647	H	Zone Club	30000
12.647	H	Kanal 3	30000
12.647	H	MM	30000
12.647	H	Planeta Folk TV	30000
12.647	V	Skat TV	30000
12.647	H	BG Radio	30000
12.647	H	Darik Radio	30000
12.647	H	NRJ	30000
12.647	H	Radio 1 Rock	30000
● 12.647	H	radio Aurea	30000
12.647	H	Tangra MegaRock	30000
● 12.688	V	ActionStar	30000
12.688	H	AXN	30000
12.688	H	AXN Crime	30000
12.688	H	AXN Sci Fi	30000
12.688	H	Cinemax	30000
12.688	H	City TV	30000
12.688	H	Diema Family	30000
12.688	V	Discovery World	30000
12.688	H	Eurosport	30000
12.688	H	Eurosport 2	30000
12.688	V	Extreme Sports	30000
12.688	V	Fashion TV	30000
12.688	H	FOX Crime	30000
12.688	H	FOX Life	30000
12.688	V	HBO	30000
12.688	H	HBO Comedy	30000
12.688	H	Hobby TV	30000
12.688	H	MTV Europe	30000
12.688	V	Nat. Geographic	30000
● 12.688	H	National Geographic	30000
12.688	V	PRO Cinema	30000
12.688	V	TELESPORT	30000
12.688	V	TRACE	30000
12.688	V	Travel Channel	30000
12.688	H	TV1000	30000
12.688	H	TV2	30000
12.688	H	TV5 Monde	30000
12.688	V	VH 1	30000
12.688	V	Taraf	30000
12.688	H	radio Atlantic	30000
12.688	H	radio OMV	30000
12.688	H	radio Veselina E	30000
12.688	H	radio Veselina N	30000
● 12.688	H	radio Veselina S	30000
12.688	H	radio Veselina W	30000
12.688	H	radio Vitosha E	30000
12.688	H	radio Vitosha W	30000
12.688	H	The Voice	30000
12.716	H	Hellas SD Test2	7720
12.716	H	Hellas HD Test1	7720
12.729	V	Baby TV	30000
● 12.729	V	ComedyStar	30000
● 12.729	V	Dolce Info	30000
12.729	V	Jetix	30000
12.729	V	KidsCo	30000
12.729	V	Movies 24	30000
12.729	V	Music Channel	30000
12.729	V	Nickelodeon	30000
12.729	V	Trinitas TV	30000
12.729	V	TVR 3	30000
12.729	V	UTV	30000
12.729	V	{Empty}	30000
12.729	V	Etno	30000
12.729	V	Euro Channel	30000
HEL002F2			

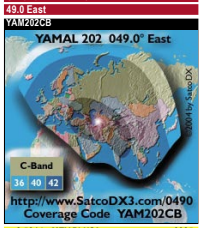
11.037	V	PTV	5210
11.099	V	Reform TV	1478
● 11.140	V	Pgm1	1425
12.715	V	test	6654
HEL002ME			

11.512	H	FEED	30000
11.512	H	HTH	30000
11.512	H	KDRTRK	30000
11.512	H	KRT	30000
11.512	H	KULTURA	30000
11.512	V	TV BITA	30000
11.512	H	UBK	30000
11.512	H	UTR	30000
11.512	H	ZAGRAVA	30000
11.512	H	RUI2	30000
11.512	H	StudioChocolate	30000
11.512	H	StudioChocolate_2	30000
11.512	H	UR1	30000
11.512	H	UR2	30000
11.512	H	UR3	30000
● 10.956	V	GNET	4123
● 10.956	V	MAD TV BULGARIA	4123
● 10.956	V	MAD RADIO	4123
Europe, Russia			
C-Band: EXPRESS AM1			
40.1 East			
3.675	R	tkanalR+Mayak	33483
3.675	R	7TV_Podmoskov'e	33483
3.675	R	Dubl-4+RRD4	33483
3.675	R	Orbita-4R+Yunost	33483
3.675	R	Rossiya+RR	33483
3.675	R	Kultura+Vesti-FM	33483
3.675	R	Kultura-3	33483
3.675	R	TRK5_MSK	33483
3.675	R	Radio AI-10	33483
3.675	R	Radio AI-11	33483
3.675	R	Radio AI-3_AI-9	33483
3.675	R	Radio AI-8_AI-5	33483
3.675	R	Radio CH12	33483
3.675	R	Radio CH13	33483
3.675	R	Radio Mayak	33483
3.675	R	Radio Podmoskov'e	33483
3.675	R	Radio Rossii	33483
3.675	R	Radio RossiiD4	33483
3.675	R	Radio RUVR-10	33483
3.675	R	Radio RUVR-9	33483
3.675	R	Radio Vesti-FM	33483
3.675	R	Radio Yunost	33483
3.740	R	GTRK VOLOGDA	3230
3.771	R	SCORPUS-NET-TECH	3330
3.865	R	RGVK-DAGESTAN	4000
● 3.873	R	Program1	4340
3.933	R	Kirov	3300
4.059	R	GTRK ELISTA	3230
4.062	R	GTRK Volgograd TRV	2772
4.107	R	KRT	3215
4.112	R	GTRK-KURSK	4285
4.118	R	Tv43Region	3300
4.125	R	Planeta-1	3215
4.128	R	TV Kostroma	3230
4.131	R	GTRK Kostroma	3219
4.135	R	GTRK Alania	3240
4.142	R	GTRK Orenburg	3219
4.143	R	TB KBR	2003
4.140	R	GTRK ORENBURG	3230
TURKSAT 2A			
42.1 East			
EAS001KE			

11.733	H	Eurasiasat promo	3291
11.733	H	Polis Radyosu	3291
11.757	V	Avrasya-ANK	2960
11.757	V	CEM TV	2960
11.757	V	CEM RADYO 96.4	2960
11.759	H	Show TV	5925
11.763	V	SU TV	2155
11.788	H	Palestine Channel	2892
11.794	H	STAR TV	5632
11.800	H	ANS TV	2400
11.800	H	ANS Ch.M.	2400
11.820	H	Avrasya TV	3000
11.820	H	Avrasya FM	3000
11.892	H	NBA TV	12800
11.892	H	CNBC-e	12800
11.892	H	e2	12800
11.892	H	NTV	12800
11.892	H	N 101	12800
11.892	H	NTV Radyo	12800
11.892	H	Radyo Eksen	12800
11.892	H	Rokket FM	12800
11.905	H	KANAL D	6666
11.905	H	Kanal D	6666
11.905	H	IFB&TEK1	6666
11.905	H	IFB&TEK2	6666
11.905	H	IFB&TEK3	6666
11.905	H	IFB&TEK4	6666
11.905	H	iPORTAL	6666
11.905	H	Radio 1 Time	6666
11.905	H	Radyo D	6666
11.905	H	RADYO D	6666
11.912	H	Ayna TV	3332
11.977	H	CNBC-E	27500
11.977	H	DISCOVERY	27500
11.977	H	NBA	27500
11.977	H	NICKELODEON	27500
11.977	H	NTV	27500
11.977	H	KANAL 7	27500
11.977	H	NR1	27500
12.002	H	ATV Turkiye	4800
12.008	H	Kanal 1	4400
12.008	H	Turk C	4400
12.017	H	TGRT	8150
12.017	H	TGRT Haber TV	8150
12.017	H	TGRT Pazarlama TV	8150
12.017	H	Blank audio channel	8150
12.017	H	TGRT FM	8150
12.028	H	Samanyolu TV	4557
12.028	H	Audio tests	4557
12.028	H	Burc FM	4557
12.028	H	Dunya Radyo	4557
EAS001KW			

11.712	V	SES TV	2963
11.717	V	HILAL TV	2222
11.717	V	GÖZYAŞI FM	2222
11.727	V	ELMAX	15555
11.727	V	INTIMACY	15555
11.727	V	KANAL 1.	15555
11.727	V	LIG TV	15555
11.727	V	RETROMAX	15555
11.727	V	S'NEK	15555
11.727	V	TÜRKMAX	15555
11.727	V	İZ	15555
11.727	V	JOJO	15555
11.727	V	SHOWROOM	15555
11.727	V	MASAL RADYO	15555
11.727	V	POWER FM	15555
11.727	V	POWERTURK	15555
11.727	V	TEST	15555
11.743	V	CAY TV	2222
11.765	V	KaradenizTV	2177
11.765	V	SU TV	2177
11.765	V	KaradenizFM	2177
11.765	V	MÜJDEFM EGE	2177
11.765	V	Radyo EKİN	2177
11.765	V	RADYO VATAN	2177
11.773	V	Dost TV	2420
11.779	V	Manolya TV	6250
11.779	V	TEST	6250
11.779	V	TGRT EU	6250
11.779	V	TGRT FM	6250
11.804	V	DHA FEED	24444
11.804	V	MOVIE SMART	24444
11.804	V	PASSION TV	24444
11.804	V	BJK TV	24444
11.804	V	CNN TURK	24444
11.804	V	CNN TÜRK	24444
11.804	V	DHA FEED	24444
11.804	V	DREAM TURK	24444
11.804	V	DREAM TV	24444
11.804	V	DREAM TÜRK	24444
11.804	V	EURO D	24444
11.804	V	EURO STAR	24444
11.804	V	FB TV	24444
11.804	V	FIX TV	24444
11.804	V	GS TV	24444
11.804	V	MAX TV	24444
11.804	V	MMC Eurotürk	24444
11.804	V	POWERTURK TV	24444
11.804	V	POWERTÜRK TV	24444
11.804	V	IFB-TEK 1 V POL	24444
11.804	V	IFB-TEK 2 V POL	24444
11.804	V	IFB-TEK 3 V POL	24444
11.804	V	IFB-TEK 4 V POL	24444
11.804	V	RADIO TEST	24444
11.804	V	BEST FM	24444
11.804	V	CNN TURK RADIO	24444
11.804	V	CNN TÜRK RADYO	24444
11.804	V	FENOMEN	24444
11.804	V	istanbul FM	24444
11.804	V	POWER XL	24444
11.804	V	RADYO D	24444
11.804	V	RADYO TIME	24444
11.804	V	SLOW TURK	24444
11.804	V	SLOW TÜRK	24444
11.804	V	İSTANBUL FM	24444
11.839	V	TURKMEN TV	4444
11.846	V	TV5	3333
11.852	V	MaviAkdeniz	4444
11.852	V	S TEST	4444
11.852	V	Smart	4444
11.857	V	Tatlises TV	2400
11.867	V	KANAL B	4444
11.874	V	Meltem TV	3400
11.874	V	FM	3400
11.874	V	Meltem Radyo	3400
11.874	V	Radyo	3400
11.874	V	Radyo Ilac	3400
11.877	V	mesaj tv	2598
11.882	V	KANAL AVRUPA	2965
11.887	V	T------ S-----	3333
11.892	V	Avrasya-ANK	2960
11.892	V	Radyo BANKO	2960
11.923	V	TRT 1	24440
11.923	V	TRT 2	24440
11.923	V	TRT 3	24440
11.923	V	TRT 4	24440
11.923	V	TRT INT	24440
11.923	V	Audio Test Tone	24440
11.923	V	Meteorolojinin Sesi	24440
11.923	V	RADYO 1	24440
11.923	V	RADYO 2 (TRT FM)	24440
11.923	V	RADYO 3	24440
11.923	V	RADYO 4	24440
11.923	V	Radyo GAP	24440
11.923	V	TSR Turkce	24440
11.923	V	Turizm Radyosu	24440
11.923	V	VOT East	24440
11.923	V	VOT West	24440
11.923	V	VOT World	24440
11.945	V	TD 1	2960
11.952	V	MEHTAP TV	8800
11.952	V	S HABER	8800
11.952	V	SAMANYOLU TV	8800
11.952	V	YUMURCAK TV	8800
11.952	V	INTERCOM	8800
11.952	V	AKRA FM	8800
11.952	V	BURC FM	8800
11.952	V	DUNYA RADIO	8800
11.952	V	MARMARA FM	8800
11.952	V	MORAL FM	8800
11.952	V	RADYO 15	8800
11.959	V	KIBRIS GENC TV	2960
11.959	V	CYS FEED	2960
11.959	V	FIRST FM	2960
11.963	V	DOGU TV	2300
11.970	V	Test	4340
11.973	V	KONTV	2239
11.996	V	Ask TV	26000
11.996	V	Box TV	26000
11.996	V	cips tv	26000
11.996	V	DuguntV	26000
11.996	V	KanalC	26000
11.996	V	KARE	26000
11.996	V	Mavi Karadeniz	26000
11.996	V	ORDU TV	26000
11.996	V	TShop	26000
11.996	V	TurkDugun	26000
11.996	V	TurkShop	26000
11.996	V	TurkShow	26000
11.996	V	ASK FM	26000
11.996	V	KUPE FM	26000
11.996	V	Mujde Akdeniz	26000
11.996	V	Mujde Ege	26000
11.996	V	Ozgur Radyo Ankara	26000
11.996	V	RADYO	26000
11.996	V	RADYO SAHIN	26000
11.996	V	Radyo Spor	26000
11.996	V	Radyo TATLISES	26000
11.996	V	Radyo Time	26000
11.996	V	Radyo Vatan	26000
12.126	V	HABER 7	6665
12.126	V	KANAL7 INT	6665
12.126	V	tvt	6665
12.126	V	;	6665
12.126	V	ISTANBULUN SESI	6665
12.126	V	RADYO M-R 7	6665
12.134	V	BUSINESS CH	3333
12.141	V	EAS PROMO	4442
12.141	V	NUMBER ONE TV TES	4442
12.141	V	TURKSAT TEST 2	4442
12.141	V	NUMBER ONE FM	4442
12.141	V	RADYO KLAS	4442
12.141	V	RADYO MYDONOSE	4442
12.506	V	Babe TV	2222
12.506	V	Gunizi TV	2222
12.506	V	Private TV	2222
EAS001SI			

12.513	H	Kanal A	4444
12.513	H	Test	4444
12.518	H	SHOPPING	3125
12.518	H	Shopping TV	3125
12.524	H	SKYTURK	4250
12.530	H	SHOW TURK	4444
12.535	H	HALK TV	2962
12.540	H	EUROTURK.	3125
12.590	V	LIFE CHANNEL	3002
12.595	V	Rustavi 2	2500
12.605	V	Georgian TV	2962
12.605	V	GEORGIAN TV	2962
12.608	V	IMEDI TV	3700
12.614	V	CLUB	3003
12.614	V	EUROPE	3003
12.614	V	GEORGIAN TV	3003
12.614	V	RED	3003
12.614	V	SHE	3003
12.620	V	ARKADAS TV	6161
12.620	V	CANLI SHOBET TV	6161
12.620	V	CEP MELODI-SMS TV	6161
12.620	V	God	6161
12.620	V	GOD UK	6161
12.620	V	Satmedia tv	6161
12.620	V	VIC TV Promo	6161
12.620	V	VICTV Promo	6161
12.620	V	Cross Rhythms	6161
12.633	V	FEED	4800
12.633	V	atv	4800
12.633	V	.	4800
12.633	V	Marmara Radyo	4800
12.633	V	RADIO CITY	4800
12.638	V	TURK C	2300
12.649	V	test	6666
12.652	H	FANTASY	22500
12.652	H	LOCA1	22500
12.652	H	LOCA2	22500
12.652	H	LULİ	22500
12.652	H	D COCUK	22500
12.652	H	D MAX	22500
12.652	H	D PLUS	22500
12.652	H	D SHOPPING	22500
12.652	H	D SINEMAX	22500
12.652	H	D SPOR	22500
12.652	H	D YESİLCAM	22500
12.652	H	D YEŞİLÇAM	22500
12.652	H	D ÇOCUK	22500
12.652	H	EMLAK TV	22500
12.652	H	HABERTURK	22500
12.652	H	KRAL TV	22500
12.652	H	MOVIE SMART 2	22500
12.652	H	T.A.Y. TV	22500
12.652	H	test2	22500
12.652	H	KRAL FM	22500
12.652	H	METRO FM	22500
12.652	H	RADYO HABERTURK	22500
12.652	H	SUPER FM	22500
12.665	V	teknoloji tv	2344
12.665	V	Teknoloji TV	2344
12.680	H	Cine5	8888
12.680	H	Gala	8888
12.680	H	Halay TV	8888
12.680	H	Supersport	8888
12.680	H	Viva	8888
12.680	H	Radyo Nostalji	8888
12.680	H	Radyo Viva	8888
12.680	H	Radyo5	8888
12.680	H	Show Radyo	8888
12.688	H	Kanal 6	2400
12.692	H	AZAD AZERBAYCAN	2800
12.695	H	Nur TV	2285
12.695	H	Nur Radio	2285
12.699	H	Ege TV	2400
12.699	H	Radio Ege	2400
12.706	H	Ey TV Antalya	2400
12.706	H	Ey FM Antalya	2400
12.715	V	NTV Int	2965
12.719	V	Olay TV	2950
12.733	V	EAS_PROMO	3333
South Africa			
INTELSAT 12			
45.0 East			
● 11.452	H	PE_HORSES	3254
11.461	H	Skytrain	5926
11.461	H	Spare	5926
11.470	H	URBAN_BREW 2	2894
● 11.483	H	E-TV PE	3100
India			
INTELSAT 12			
45.1 East			
● 11.468	V	Aarti TV	27680
11.468	V	Cartoon Network	27680
11.468	V	Channel C	27680
11.468	V	Derana	27680
11.468	V	Eye/Nethra	27680
11.468	V	God TV	27680
11.468	V	Islam channel	27680
11.468	V	ITN	27680
11.468	V	MTV	27680
11.468	V	NEO Sports	27680
11.468	V	Nickelodeon	27680
11.468	V	POGO	27680
11.468	V	Ranaroo	27680
11.468	V	Rupavahini	27680
11.468	V	Star Cricket	27680
11.468	V	Swarnawahini	27680
11.468	V	TNL	27680
11.468	V	VH1	27680
11.468	V	Zee Sports	27680
11.468	V	The Buddhist	27680
● 11.591	V	AI Jazeera	27689
11.591	V	AXN	27689
11.591	V	BBC World	27689
11.591	V	CineMax	27689
11.591	V	CNN	27689
11.591	V	Hallmark	27689
11.591	V	HBO	27689
11.591	V	HBO Family	27689
11.591	V	HBO Hits	27689
11.591	V	HBO Signature	27689
11.591	V	NDTV	27689
11.591	V	Set MAX	27689
11.591	V	Star Movies	27689
11.591	V	Star Vijay	27689
11.591	V	Star World	27689
11.591	V	Zee Cinema	27689
● 11.591	V	Zee Muzic	27689
11.591	V	Zee Studio	27689
● 11.632	V	Baby TV	27689
11.632	V	Bloomberg	27689
11.632	V	Boomerang	27689
11.632	V	CH 10	27689
11.632	V	CH 11	27689
11.632	V	CH 12	27689
11.632	V	CH 13	27689
11.632	V	CH 14	27689
11.632	V	CH 15	27689
11.632	V	CH 16	27689
11.632	V	CH 17	27689
11.632	V	CH 18	27689
11.632	V	CH 7	27689
11.632	V	CH 8	27689
11.632	V	CH 9	27689
11.632	V	Kalaignar TV	27689
11.632	V	UTV Movies	27689
11.632	V	UTV World Movies	27689
● 11.632	V	CH 19	27689
11.673	V	Animal Planet	27689
11.673	V	AustraliaNetwork	27689
11.673	V	CiTi Hitz	27689
11.673	V	Discovery	27689
11.673	V	ESPN	27689
11.673	V	History	27689
11.673	V	NatGEO	27689
11.673	V	NatGEO Adventure	27689
11.673	V	NDTV GoodTimes	27689
11.673	V	Neo Cricket	27689
11.673	V	SET	27689
11.673	V	Star Plus	27689
11.673	V	Star Sports	27689
11.673	V	Ten Sports	27689
11.673	V	Travel & Living	27689
11.673	V	Zee Cafe	27689
11.673	V	Zee Trendz	27689
11.673	V	Zee TV	27689
Asia, Europe			
C-Band: YAMAL 202			
49.0 East			
YAM202CB			



● 3.594	L	MTV PLUS2	3035
3.706	L	PLANETA SPORT	15550
3.706	L	rentv0	15550
3.706	L	rentv2	15550
3.706	L	RIK	15550
3.706	L	RTR PLANETA	15550
3.740	L	Rusiya Al-Yaum	38000
3.740	L	Russia Today	38000
3.740	L	TV ZVEZDA+0	38000
3.740	L	TVC Europe	38000
3.740	L	TVCI	38000
3.740	L	D1-1	38000
3.740	L	D1-10	38000
3.740	L	D1-11	38000
3.740	L	D1-12	38000
3.740	L	D1-13	38000
3.740	L	D1-14	38000
3.740	L	D1-15	38000
3.740	L	D1-16	38000
3.740	L	D1-2	38000
3.740	L	D1-3	38000
3.740	L	D1-4	38000
3.740	L	D1-5	38000
3.740	L	D1-6	38000
3.740	L	D1-7	38000
3.740	L	D1-8	38000
3.740	L	D1-9	38000
3.740	L	Russian Public Radio	38000
3.794	L	NOVY VEK	1800
● 3.939	L	RTR+Pomor'e	7500
● 3.940	L	PRIME SPORTS	2220
3.952	L	DAN	4500
3.952	L	TVLanka 2	4500
● 3.952	L	TVL Radio	4500
● 3.953	L	DAN	4500
● 3.953	L	TVLanka 2	4500
3.953	L	TVL Radio	4500
3.961	L	RTR+REGION TYUMEN	8570
3.961	L	TYUMEN TIME	8570
3.970	L	GTRK Yamal	4275
3.977	L	TYMEN-YGORIA TV	4285
3.982	L	TV KOMI	4285
3.987	L	TV-UNIVERSITET	2150
4.068	L	Feed (FEED-1)	29755
4.068	L	Feed (FEED-2)	29755
● 9.938	L	TVS_Severnaya Dvina	7500
NSS 703			
57.0 East			
NSS703GL			

● 3.723	R	9X Music	25000
● 3.723	R	Aastha	25000
● 3.723	R	Asianet	25000
● 3.723	R	Asianet News	25000
● 3.723	R	ENTER 10	25000
● 3.723	R	ETC	25000
● 3.723	R	Kairali TV	25000
● 3.723	R	MH-1 Music	25000
● 3.723	R	PTC News	25000
● 3.723	R	Satsang	25000
● 3.723	R	Total TV	25000
● 3.723	R	Zee Smile	25000
● 3.723	R	Air Bangla	25000
● 3.723	R	Air Hindi	25000
● 3.723	R	Air Kannada	25000
● 3.723	R	Air North East	25000
● 3.763	R	AajTak	25000
● 3.763	R	DD Oriya	25000
● 3.763	R	DD Podhgai	25000
● 3.763	R	DD-NE	25000
● 3.763	R	MTV	25000
● 3.763	R	NTV	25000
● 3.763	R	Punjab Today	25000
● 3.763	R	SAB TV	25000
● 3.763	R	Sangeet Bangla	25000
● 3.763	R	SET MAX	25000

Freq	Pol	Channel Name	Symbol rate
11.010	H	SAT1	30000
11.010	V	Xview	30000
11.010	H	ZDF	30000
11.010	V	adhoc2	30000
11.010	V	Guide	30000
11.010	V	PubW	30000
11.010	V	Regis	30000
11.010	V	SABC1	30000
11.010	V	SABC2	30000
11.010	V	SABC3	30000
11.010	V	-	30000
11.010	H	BAY1	30000
11.010	H	BAY3	30000
11.010	V	CFM	30000
11.010	V	Ch73	30000
11.010	H	DW-R	30000
11.050	V	Boom	30000
11.050	V	Ch2	30000
11.050	V	Fut	30000
11.050	V	Future (ex-BBC P)	30000
11.050	V	go	30000
11.050	V	HIST	30000
11.050	V	iA Virtual 1	30000
11.050	V	Idols	30000
11.050	V	KAIDy	30000
11.050	V	NaGeo	30000
11.050	V	NBC	30000
11.050	V	SumTV	30000
11.050	V	TV5	30000
11.050	H	ZinRea	30000
11.050	V	100FM	30000
11.050	V	702	30000
11.050	V	CII	30000
11.050	V	CRI	30000
11.050	V	HEAT	30000
11.050	V	Hyper	30000
11.050	V	Im	30000
11.050	V	VOA	30000
11.050	V	Wave	30000
11.050	V	WRN	30000
11.050	V	TWR	30000
11.090	V	BBC W	30000
11.090	V	Bloom	30000
11.090	V	CN	30000
11.090	V	Dsny	30000
11.090	V	ESPN	30000
11.090	V	MTV	30000
11.090	V	MTV B	30000
11.090	V	SET	30000
11.090	V	Sun	30000
11.090	V	TCM	30000
11.090	V	Travl	30000
11.090	V	VH1	30000
11.090	V	BBC1	30000
11.090	V	BBC2	30000
11.090	V	BBC3	30000
11.090	V	Fut24 (ex KTV)	30000
11.130	H	MntHD	30000
11.130	V	Actio	30000
11.130	V	AJE	30000
11.130	H	eNews	30000
11.130	V	eTV	30000
11.130	H	Fut09	30000
11.130	V	MM2	30000
11.130	V	MStar	30000
11.130	H	Mwld	30000
11.130	H	NGwld	30000
11.130	H	OneG	30000
11.130	V	Parl	30000
11.130	V	RT	30000
11.130	H	Sowet	30000
11.130	V	SS3	30000
11.130	H	SS4	30000
11.130	V	TelTr	30000
11.130	V	TRACE	30000
11.130	H	Weath	30000
11.130	H	ZNBC	30000
11.130	V	GA1	30000
11.130	V	'70s	30000
11.130	V	'80s	30000
11.130	V	A & O	30000
11.130	V	AdulC	30000
11.130	V	Afric	30000
11.130	V	AltR	30000
11.130	V	Beaut	30000
11.130	V	Blues	30000
11.130	V	CampR	30000
11.130	V	Chamb	30000
11.130	V	City	30000
11.130	V	ClasJ	30000
11.130	V	ClasR	30000
11.130	V	Contl	30000
11.130	V	Dance	30000
11.130	V	Elctr	30000
11.130	V	EuroH	30000
11.130	V	FamF	30000
11.130	V	GoldO	30000
11.130	V	Gospl	30000
11.130	V	Groov	30000
11.130	V	HardR	30000
11.130	V	HTrax	30000
11.130	V	ItalC	30000
11.130	V	LiteC	30000
11.130	V	Love	30000
11.130	V	MetrB	30000
11.130	V	ModnC	30000
11.130	V	New A	30000
11.130	V	PowrH	30000
11.130	V	R&B	30000
11.130	V	R'nR	30000
11.130	V	Regga	30000
11.130	V	SmthJ	30000
11.130	V	SoftH	30000
11.130	V	Subt	30000
11.130	V	Symph	30000
11.130	V	TradC	30000
11.130	V	UBeat	30000
11.130	V	Urban	30000
12.682	H	3ABN	26657
12.682	H	Adonai	26657
12.682	H	Chosen	26657
12.682	H	CVV	26657
12.682	H	Day*	26657
12.682	H	Dvine	26657
12.682	H	Emmanuel TV	26657
12.682	H	ezekiel	26657
12.682	H	LoveWorld	26657
12.682	H	Solid Rock	26657
12.682	H	TKC	26657
12.682	H	VwAfr	26657
12.682	H	Divine Radio	26657

C-Band: INTELSAT 7,10

68.6 East

INT007CV

Freq	Pol	Channel Name	Symbol rate
3.557	V	Sin-Pakistan	3250
3.662	V	ART AUSTRALIA	14074
3.662	V	DM Digital World	14074
3.662	V	KBC	14074
3.662	V	Noor TV	14074
3.662	V	View Asia	14074
4.003	H	Service 2	2963
4.033	V	DD Bharti	19559
4.033	V	DD India	19559
4.033	V	DD News	19559
4.033	V	DD Sports	19559
4.033	V	DDFeeds CPC	19559
4.165	H	{Empty Name}	3255

INT010CH

Freq	Pol	Channel Name	Symbol rate
3.745	H	525 English	16175
3.745	H	525 Japanese	16175
3.745	H	625 English	16175
3.745	H	625 Japanese	16175
3.745	H	Premium	16175
3.745	H	Radio 1&2	16175
3.745	H	Radio 3&4	16175
3.765	V	MGM	2955
3.767	H	ZEE SPORTS	6500
3.767	H	ZEE SPORTS USA	6500
3.773	V	{Empty Name}	2940
3.774	H	HUMTV Service	3300
3.777	V	AASTHA INT.	2940
3.811	H	CNBC_Pakistan	3313
3.836	H	SV_7	19850
3.836	H	SV_8	19850
3.836	H	SV_9!	19850
3.836	H	AAJTAK	19850
3.836	H	AAJTAK TEZ	19850
3.836	H	AT INT	19850
3.836	H	DELHI AAJTAK	19850
3.836	H	HEADLINES TODAY	19850
3.836	H	HT INT	19850
3.927	H	A copy of MAX Intern	26500
3.927	H	A copy of SET_Intern	26500
3.927	H	A copy of SETMAX	26500
3.927	H	Download 200	26500
3.927	H	MAX International	26500
3.927	H	MAX TRAI	26500
3.927	H	MAX_UK	26500
3.927	H	MIDDLE EAST	26500
3.927	H	PIX	26500
3.927	H	SAB INTL	26500
3.927	H	SABTV	26500
3.927	H	SET_Encrypted	26500
3.927	H	SET_Encrypted Finger	26500
3.927	H	SET_International	26500
3.927	H	SETMAX	26500
3.974	H	Cartoon India	19500
3.974	H	Cartoon India ENGL	19500
3.974	H	Cartoon India HIND	19500
3.974	H	Cartoon India TAMI	19500
3.974	H	Cartoon India TELE	19500
3.974	H	Cartoon Pakistan	19500
3.974	H	CNN India	19500
3.974	H	HBO India	19500
3.974	H	Pogo	19500
3.974	H	Real Global Broadcas	19500
3.974	H	WB India	19500
3.974	H	WB Pakistan	19500
4.034	H	COLORS	20500
4.034	H	MTV India	20500
4.034	H	Nickelodean-Nick Ind	20500
4.034	H	VH1 India	20500
4.034	H	XYZ	20500
4.064	H	Discovery	19850
4.064	H	SIS	19850
4.064	H	Al Jazeera	19850
4.064	H	EWTN	19850
4.064	H	BBC WS Radio	19850
4.064	H	EWTN Radio	19850
4.064	H	Voice of Tibet	19850
4.064	H	WRN AAP1	19850
4.103	H	IBN	5720
4.103	H	SAW	5720
4.117	H	SAMAA	3330
4.126	H	DAWN NEWS TV	3255
4.132	H	Ujala TV	2572
4.143	H	ROHI TV	3306
4.150	H	DUNYA ENT.	6600
4.150	H	DUNYA NEWS	6600
4.158	H	Express 24/7	6510
4.158	H	Express Urdu	6510

INT010CV

Freq	Pol	Channel Name	Symbol rate
3.716	V	BBC E	20600
3.716	V	BBC L	20600
3.716	H	Cricket Plus	20765
3.716	V	E!	20600
3.716	H	FC	20765
3.716	V	go	20600
3.716	H	Goal TV1	20765
3.716	H	Goal TV2	20765
3.716	V	KAIDy	20600
3.716	V	Learn	20600
3.716	V	MM1	20600
3.716	V	MNetE	20600
3.716	V	MNetW	20600
3.716	V	SS1	20600
3.716	H	Ten SI	20765
3.716	H	Ten SP	20765
3.716	H	TSME	20765
3.716	V	70's	20600
3.716	V	AdulC	20600
3.716	V	Afric	20600
3.716	V	Beaut	20600
3.716	V	CampR	20600
3.716	V	ClasJ	20600
3.716	V	ClasR	20600
3.716	V	Contl	20600
3.716	V	Dance	20600
3.716	V	FrenC	20600
3.716	V	Fut	20600
3.716	V	Gospl	20600
3.716	V	Htrax	20600
3.716	V	LiteC	20600
3.716	V	R'nR	20600
3.716	V	Regga	20600
3.716	V	SmthJ	20600
3.716	V	SoftH	20600
3.716	V	Symph	20600
3.716	V	UBeat	20600
3.716	V	Urban	20600
3.743	V	AMag	20600
3.743	V	BLITZ	20600
3.743	V	C+H	20600
3.743	V	ChO	20600
3.743	V	CNN	20600
3.743	V	Dsny	20600
3.743	V	Event	20600
3.743	V	MStar	20600
3.743	V	SS2	20600
3.783	H	CGNTV	2964
3.783	H	PEACE TV	3250
3.787	V	India - Australia Ne	3617
3.787	V	RAS2	3617
3.787	V	RAS3	3617
3.787	V	RAS4	3617
3.787	V	RAS5	3617
3.787	V	RAS6	3617
3.796	V	AVT KHYBER	7300
3.796	V	K2	7300
3.796	V	KHYBER NEWS	7300
3.808	V	Rai Africa	10340
3.808	V	Reality TV	10340
3.808	V	God Asia	10340
3.808	V	Supreme Master TV	10340
3.808	V	Multilingue	10340
3.808	V	RNW-7	20600
3.808	V	satelRadio	10340
3.836	V	Actio	20600
3.836	V	BBC W	20600
3.836	V	CN	20600
3.836	V	Disc	20600
3.836	V	ESPN	20600
3.836	V	HallM	20600
3.836	V	MTV	20600
3.836	V	NaGeo	20600
3.836	V	SS7	20600
3.836	V	TV5	20600
3.836	V	BBC1	20600
3.836	V	BBC2	20600
3.836	V	BBC3	20600
3.836	V	CRI	20600
3.836	V	DMove	20600
3.836	V	Event	20600
3.836	V	RAI R	20600
3.836	V	RFI	20600
3.836	V	VOA	20600
3.836	V	WRN	20600
3.863	V	FTV	20600
3.863	V	HIST	20600
3.863	V	MM2	20600
3.863	V	Serie	20600
3.863	V	SkyN	20600
3.863	V	SS3	20600
3.863	V	SS5	20600
3.863	V	SS6	20600
3.863	V	ZinRea	20600
3.863	V	Bloom	20600
3.863	V	Rhema	20600
3.863	V	Travl	20600
3.863	V	CII	20600
3.863	V	TAR	20600
3.864	H	ARY Digital UK	19850
3.864	H	ARY Digital USA	19850
3.864	H	ARY Middle East	19850
3.864	H	ARY ONE World	19850
3.864	H	HBO ARY	19850
3.864	H	Nick ARY	19850
3.864	H	ARY Asia	19850
3.864	H	ARY One World	19850
3.864	H	ARY Qtv	19850
3.864	H	The Musik	19850
3.900	V	Nimbus 1	12300
3.900	V	Nimbus 2	12300
3.913	V	KBS WORLD P	6510
3.913	V	YTN P	6510
3.920	V	LA CADENA	3000
3.924	V	FETV 0	3003
3.974	V	APL India	19850
3.974	V	BBC World News	19850
3.974	V	DSC India - English	19850
3.974	V	DSC India - Hindi	19850
3.974	V	DTL India	19850
3.974	V	Encoder 4	19850
3.974	V	Encoder 6	19850
3.974	V	BBC Burmese	19850
4.054	V	AriranTV W1	4400
4.054	V	CTS	3530
4.064	V	Times Now	4610
4.069	V	Hope Channel Intl	3000
4.069	V	Hope Intl Alt Lang1	3000
4.069	V	Hope Intl Alt Lang2	3000
4.069	V	Lifetalk Radio	3000
4.075	V	Hungama	4000
4.083	V	CRI Radio	3428
4.087	H	CCTV 4	9375
4.087	H	CCTV 9	9375
4.087	H	CCTV E	9375
4.087	H	CCTV F	9375
4.173	V	INDIA TV	3000
4.178	V	ZOOM	4000
4.184	H	24x7	20000
4.184	H	INDIA	20000
4.184	H	METRO	20000
4.184	H	PROFIT	20000
4.184	H	TEST2	20000
4.184	H	TEST3	20000
4.184	H	TEST4	20000
4.189	V	IMAGINE	12207
4.189	V	LIFEST	12207
4.189	V	LUMIER	12207
4.189	V	SHWBIZ	12207
3.523	H	Sin-Pakistan	3250

EDUSAT, INSAT 4CR

74.1 East

EDU001KU

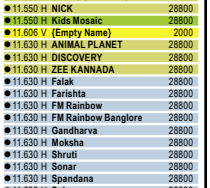
Freq	Pol	Channel Name	Symbol rate
10.953	H	DSERT-VIDYAVAHINI	1700
10.957	H	EDUSAT-VTU	1808
10.965	H	SLRC2	2143
10.965	H	KAIRALI TV	2000
10.978	H	VICTERS	3000
11.470	V	Aakash Bangla	28800
11.470	H	CHUTTI TV	28800
11.470	V	NGC	28800
11.470	H	SAB TV	28800
11.470	H	SET MAX	28800
11.470	H	Movies Mosaic	28800
11.550	H	CARTOON NETWORK	28800
11.550	H	NICK	28800
11.550	H	Kids Mosaic	28800
11.606	V	{Empty Name}	2000
11.630	H	ANIMAL PLANET	28800
11.630	H	DISCOVERY	28800
11.630	H	ZEE KANNADA	28800
11.630	H	Falak	28800
11.630	H	Farishta	28800
11.630	H	FM Rainbow	28800
11.630	H	FM Rainbow Banglore	28800
11.630	H	Gandharva	28800
11.630	H	Moksha	28800
11.630	H	Shruti	28800
11.630	H	Sonar	28800
11.630	H	Spandana	28800
11.630	H	Spin	28800
11.630	H	Umang	28800
11.630	H	Up Country	28800

South-East Asia

ABS-1

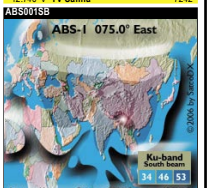
75.0 East

ABS001NB



Freq	Pol	Channel Name	Symbol rate
12.519	V	TV1000 Action East	22000
12.519	V	TV1000 Action+21	22000
12.519	V	TV1000 East (FSS)	22000
12.519	V	TV1000 Ru Kino	22000
12.519	V	Viasat Explorer (FSS	22000
12.519	V	Viasat History (FSS)	22000
12.519	V	Viasat Sport	22000
12.519	V	DTV-2	22000
12.519	V	Israel+	22000
12.519	V	Radio 21	22000
12.549	V	24Techno	22000
12.549	V	HCT	22000
12.549	V	Russkij Extream	22000
12.549	V	TV-21	22000
12.549	V	Detsky	22000
12.549	V	Eurokino	22000
12.549	V	Fashion-TV	22000
12.549	V	illuzion +	22000
12.549	V	NEDVIGIMOST.TV	22000
12.549	V	Russkij illuzion	22000
12.549	V	Zoo	22000
12.579	V	3DOPOBOE TB	22000
12.579	V	DRIVE	22000
12.579	V	OXOTA&PbIBALKA	22000
12.579	V	PETPO	22000
12.579	V	USADBA	22000
12.579	V	1TVRUS Asia	22000
12.579	V	3ABN	22000
12.579	V	A-ONE	22000
12.579	V	APOSTOLIC ONENESS	22000
12.579	V	CTC	22000
12.579	V	Fox Crime	22000
12.579	V	Test	22000
12.579	V	The Church Channel	22000
12.579	V	Topshop TV	22000
12.579	V	TV-Sale	22000
12.610	V	AXN-SciFi-Ru	22000
12.610	V	Fenix + Kino	22000
12.610	V	Fox Crime	22000
12.610	V	Fox Life	22000
12.610	V	Jetix Russia	22000
12.610	V	Test	22000
12.610	V	Prodengi	22000
12.610	V	SET Russia	22000
12.641	V	Home+7R	22000
12.641	V	Multimania	22000
12.641	V	CTC+7	22000
12.641	V	DTV-0	22000
12.641	V	HTB	22000
12.641	V	HTB-3	22000
12.641	V	RBC TV	22000
12.671	V	Animal Planet Russia	22000
12.671	V	Discovery Channel	22000
12.671	V	ESP Russian	22000
12.671	V	ESP2 Russian	22000
12.671	V	Mat' i Ditya	22000
12.671	V	NAT GEO	22000
12.671	V	2X2	22000
12.671	V	LUXE TV	22000
12.671	V	TVclub	22000
12.671	V	DOPO*HOE	22000
12.671	V	Megapolis FM	22000
12.671	V	New Life Radio	22000
12.695	V	3DOPOBOE TB	10000
12.695	V	DRIVE	10000
12.695	V	OXOTA&PbIBALKA	10000
12.695	V	PETPO	10000
12.695	V	USADBA	10000
12.695	V	A-ONE	10000
12.695	V	InterAz	10000
12.695	V	Topshop TV	10000
12.695	V	TV-Sale	10000
12.704	V	NTS	3900
12.729	V	3DOPOBOE TB	5140
12.729	V	DRIVE	5140
12.729	V	OXOTA&PbIBALKA	5140
12.729	V	PETPO	5140
12.729	V	USADBA	5140
12.729	V	A-ONE	5140
12.729	V	InterAz	5140
12.729	V	Topshop TV	5140
12.729	V	TV-Sale	5140
12.740	V	Tajik TV	7242
12.740	V	TV Bakhoriston	7247
12.740	V	TV Safina	7242

ABS001SB



Freq	Pol	Channel Name	Symbol rate
12.579	H	1TVRUS Asia	22000
12.579	H	3ABN	22000
12.579	H	APOSTOLIC ONENESS	22000
12.579	H	CTC	22000
12.579	H	NET-25	22000
12.579	H	Smile of A Child	22000
12.579	H	Supreme Master TV	22000
12.579	H	TBN	22000
12.579	H	The Church Channel	22000
12.600	H	ROCD	5168

C-Band: ABS-1

75.1 East

ABS001CB

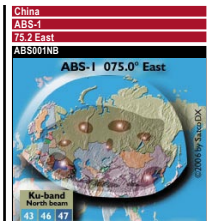
Freq	Pol	Channel Name	Symbol rate
3.579	H	ABTV2	9590
3.579	H	ABTV3	9590
3.579	H	ABTV4	9590
3.579	H	ABTV1	9590
3.579	H	ABTV5	9590
3.579	H	ABTV6	9590
3.579	H	ABTV7	9590
3.579	H	BIG FM	9590
3.579	H	FM 90.5	9590
3.579	H	PSL	9590
3.579	H	RS RADIO	9590
3.579	H	SB RADIO	9590
3.660	H	ITV+	27490
3.660	H	Nick Jr	27490
3.660	H	World Fashion Channe	27490
3.660	H	Akela TV	27490
3.660	H	DESH TV	27490
3.660	H	GCN TV	27490

China

ABS-1

75.2 East

ABS001NB



Freq	Pol	Channel Name	Symbol rate
12.519	V	Israel+	22000
12.519	V	TV1000 (+21)	22000
12.519	V	TV1000 East (FSS)	22000
12.519	V	TV1000 Ru Kino	22000
12.519	V	Viasat Explorer (FSS	22000
12.519	V	Viasat History (FSS)	22000
12.519	V	Viasat Sport	22000
12.519	V	DTV-2	22000
12.519	V	Radio 21	22000
12.549	V	24Techno	22000
12.549	V	AXN-SciFi-Ru	22000
12.549	V	Detsky	22000
12.549	V	HCT	22000
12.549	V	Russkij illuzion	22000
12.549	V	Russkiy Extream	22000
12.549	V	TV-21	22000
12.549	V	Fashion-TV	22000
12.549	V	Gameplay	22000
12.549	V	illuzion +	22000
12.549	V	Inter+	22000
12.549	V	Zoo	22000
12.610	V	Fox Crime	22000
12.610	V	Fox Life	22000
12.610	V	Jetix Russia	22000
12.610	V	Gameplay	22000
12.610	V	Prodengi	22000
12.610	V	TPO	22000
12.641	V	CTC+7	22000
12.641	V	HOME+7R	22000
12.641	V	DTV-0	22000
12.641	V	HTB	22000
12.641	V	HTB-3	22000
12.641	V	RBC TV	22000
12.671	V	Discovery Channel	22000
12.671	V	ESP Russian	22000
12.671	V	ESP2 Russian	22000
12.671	V	Fenix-Art	22000
12.671	V	Mat' i Ditya	22000
12.671	V	NAT GEO	22000
12.671	V	2X2	22000
12.671	V	LUXE TV	22000
12.671	V	TVclub	22000
12.671	V	DOPO*HOE	22000
12.671	V	New Life Radio	22000
12.695	V	Endemol	10000
12.695	V	MGOU	10000
12.695	V	Mir Service	10000
12.695	V	MIR-TV	10000
12.695	V	MIR-TV +3	10000
12.695	V	Videofilm	10000
12.695	V	MIR Radio Service	10000
12.695	V	Radio MIR	10000
12.740	V	Tajik TV	7242
12.740	V	TV Bakhoriston	7242
12.740	V	TV Safina	7242
12.740	V	Tajik TV	7247
12.740	V	TV Bakhoriston	7247
12.740	V	TV Safina	7247

TELSTAR 10

76.5 East

Freq	Pol	Channel Name	Symbol rate
12.280	V	AD-HOC[UB05]	22425
12.280	V	BLTV 人間衛視 [UB02]	22425
12.280	V	CONGRESS 國會衛星 [U	22425
12.280	V	HZ 華夏[UB07]	22425
12.280	V	LIFE TV 生命電視台[UB04	22425
12.280	V	MAC TV 宏觀[UB10]	22425
12.280	V	TZUCHI 慈濟大愛 [UB01	22425
12.280	V	UCTV 法界衛星 新[UB03	22425
12.280	V	大利電視台[UB06]	22425
12.280	V	蓬萊綜合台[UB09]	22425
12.308	V	CSN ®©§[UB306]	22425
12.308	V	EF TV'B*q[UB304]	22425
12.308	V	HB ¤¤µ@¥¤ ~ [UB303]	22425
12.308	V	HS «ïí[UB307]	22425
12.308	V	NULL[UB309]	22425
12.308	V	TACT¤xÃÀ[UB301]	22425
12.308	V	FINANCE °]°T°]_g¥x	22425
12.308	V	SBN ¾Ç*t°]_g[UB308]	22425
12.308	V	World ¥@~Ê[UB302]	22425
12.308	V	3033_KFC	22425
12.308	V	3001_US New songs &	22425
12.308	V	3002_US Popular Song	22425
12.308	V	3003_Sweet Love Song	22425
12.308	V	3004_50 & 60 Popular	22425
12.308	V	3005_R&B	22425
12.308	V	3006_Hip Hop	22425
12.308	V	3007_Party Music	22425
12.308	V	3008_Rock Music	22425
12.308	V	3009_Jazz Vocal	22425
12.308	V	3010_Jazz Main Strea	22425
12.308	V	3011_Lounge	22425
12.308	V	3012_Enke	22425
12.308	V	3013_Japanese Popuar	22425
12.308	V	3014_J&T Station	22425
12.308	V	3015_Bossa Nova	22425
12.308	V	3016_Classical	22425
12.308	V	3017_Piano Easy List	22425
12.308	V	3018_Crystal Music	22425
12.308	V	3019_Soft Hearing	22425
12.308	V	3020_Season Music	22425
12.308	V	3021_Old Deck	22425
12.308	V	3022_Chinese Best Se	22425
12.308	V	3023_Chinese Soft So	22425
12.308	V	3024_Chinese Classic	22425
12.308	V	3025_Children Music	22425
12.308	V	3026_Easy Listening	22425
12.308	V	3027_Birthday Songs	22425
12.308	V	3028_Wedding And Goo	22425
12.308	V	3029_Sweet Love Chan	22425
12.308	V	3030_Pop Music Pop	22425
12.308	V	3031_3357	22425
12.308	V	3032_Napoli	22425
12.308	V	3034_Audrey	22425
12.308	V	3035_KF	22425
12.308	V	3036_Crystal &Piano	22425
12.308	V	3037_Fashion Music	22425
12.308	V	3038_Soft Music	22425
12.308	V	3039_KG	22425
12.308	V	3040_Asia Radio	22425
12.406	V	afa †¥µ@¤HÀ¥ü@[UB61	30000
12.406	V	GOLDSUN TV*ë,°[U	30000
12.406	V	HOLLYWOOD ¦ηµÝ¢°	30000
12.406	V	JET[UB606]	30000
12.406	V	PTV-1 ¤¤¤Ñ·s»D[UB6	30000
12.406	V	PTV-2 ¤¤¤Ñ°¦X[UB6	30000
12.406	V	PTV-3 ¤¤¤Ñ©T¥Ó[UB6	30000
12.406	V	afa TV µ@¤H°Ó ~ ¤x[UB	30000
12.406	V	GOOD2 ¦v@e@§¤Gx[U	30000
12.406	V	TOP-1 °°Ai[UB604]	30000
12.406	V	¤ax(UB612)	30000
12.406	V	°ß¤ß°q¤ø[UB611]	30000
12.435	V	AZIO TV °f·(UB273	15000
12.435	V	ERA News ¦~¥N·s»D[	15000
12.435	V	Happy(UB2736)	15000
12.435	V	Hi-Play(UB2737)	15000
12.435	V	HOT(UB2738)	15000
12.435	V	MUCH TV[UB2731]	15000
12.435	V	¬P¿o(UB2734)	15000
12.435	V	'w'ÆÄW'D(UB2735)	15000
12.435	V	'w'ÆÄW'DRadio2	15000
12.435	V	Ãç®®Radio1	15000
12.462	V	Boss Golf	22425
12.462	V	CTS 華視	22425

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
12.479	H	GET	30000
12.479	H	GWV	30000
12.479	H	HOTT	30000
12.479	H	J100	30000
12.479	H	LKTG	30000
12.479	H	METR	30000
12.479	H	MJNG	30000
12.479	H	RIVR	30000
12.479	H	SPT	30000
12.479	H	TMSC	30000
12.521	H	AMAX	30000
12.521	H	AXN	30000
12.521	H	BBCE	30000
12.521	H	CH-V	30000
12.521	H	CHIC	30000
12.521	H	EI	30000
12.521	H	LTNG	30000
12.521	H	MA	30000
12.521	H	MGM	30000
12.521	H	MTV	30000
12.521	H	SWLD	30000
12.521	H	TCM	30000
12.521	H	TMUS	30000
12.521	H	TVB	30000
12.562	H	ANPL	25776
12.562	H	CNN	25776
12.562	H	DSCV	25776
12.562	H	EXP1	25776
12.562	H	EXP2	25776
12.562	H	EXP3	25776
12.562	H	HIST	25776
12.562	H	NGAV	25776
12.562	H	NGC	25776
12.562	H	SPRK	25776
12.562	H	STC	25776
12.562	H	TCCN	25776
12.604	H	BBC	30000
12.604	H	BMBG	30000
12.604	H	CCTV	30000
12.604	H	CNBC	30000
12.604	H	ESPN	30000
12.604	H	NHK	30000
12.604	H	SPRT	30000
12.604	H	TSP1	30000
12.604	H	TSP2	30000
12.604	H	TSP3	30000
12.604	H	TSP4	30000
12.604	H	TSP5	30000
12.604	H	TV5	30000
12.657	H	D HH	30000
12.657	H	D TB	30000
12.657	H	D TL	30000
12.657	H	Disn	30000
12.657	H	DisP	30000
12.657	H	DSci	30000
12.657	H	HBOF	30000
12.657	H	HBOH	30000
12.657	H	HBOS	30000
12.657	H	MCT1	30000
12.657	H	MCT2	30000
12.657	H	TSE1	30000
12.657	H	TSE2	30000
12.720	H	RS100	30000
12.720	H	RS98	30000
12.720	H	PREV	30000
12.720	H	RATV	30000
12.720	H	RS101	30000
12.720	H	RS103	30000
12.720	H	RS108	30000
12.720	H	TATV	30000
12.720	H	TS A	30000
12.720	H	TS C	30000
12.720	H	TS L	30000
12.720	H	TS M	30000
12.438	H	RAR	30000
12.438	H	RATP	30000
C-Band: THAICOM 2,5			
76.6 East			
3.431	H	HADI TV	13333
3.431	H	MANMIN-TV	13333
3.505	H	KCTV	3363
3.506	V	Gang Cartoon Channel	1852
3.522	V	LaoStar Channel	2915
3.551	H	SCI TECH TV	13333
3.551	H	APOSTOLIC ONENESS	13333
3.551	H	ETN	13333
3.551	H	FTV INDIA	13333
3.551	H	GOD Africa	13333
3.551	H	Marine Biz TV	13333
3.551	H	TRT INT	13333
3.551	H	Hornafnik Radio	13333
3.551	H	Radyo-2 (TRT FM)	13333
3.551	H	TSR Turkce	13333
3.551	H	VOT World	13333
3.564	H	VTV	4444
3.600	H	S-LAND	26670
3.600	H	ACE CHANNEL	26670
3.600	H	DMC	26670
3.600	H	PEAK CHANNEL	26670
3.600	H	SLNTV	26670
3.600	H	THAICOM	26670
3.600	H	THAICOM 10	26670
3.600	H	THAICOM 11	26670
3.600	H	THAICOM 12	26670
3.600	H	THAICOM 13	26670
3.600	H	THAICOM 4	26670
3.600	H	THAICOM 9	26670
3.600	H	VTV	26670
3.600	H	FM 87 MHZ	26670
3.600	H	TGN_radio	26670
3.618	V	ESPN	12500
3.618	V	5-CARTOONS	12500
3.618	V	5-MOVIES	12500
3.618	V	5-SERIES	12500
3.618	V	CNN	12500
3.618	V	MRTV	12500
3.618	V	MRTV-4	12500
3.618	V	NGC WILD	12500
3.618	V	STAR SPORTS	12500
3.618	V	FM RADIO	12500
3.640	H	BABY TV	28062
3.640	H	SVT Europa	28062
3.640	H	3ABN International	28062
3.640	H	BVN	28062
3.640	H	Daystar	28062
3.640	H	HCTV	28062
3.640	H	KURDSAT	28062
3.640	H	LLBN TV	28062
3.640	H	Russia Today	28062
3.640	H	TCT	28062
3.640	H	TELEMEDIA	28062
3.640	H	The Word Network	28062
3.640	H	UNIV TV	28062
3.640	H	3ABN RADIO	28062
3.640	H	CVC	28062
3.640	H	Overcomer Radio	28062
3.640	H	RNW-1	28062
3.640	H	RNW-2	28062
3.640	H	RNW-3	28062
3.640	H	Rvi1 (VRT)	28062
3.640	H	Swedish Radio 1	28062
3.640	H	Swedish Radio 2	28062
3.666	H	TVK CAMBODIA	3700
3.711	V	GOA NEWS	13330
3.711	V	HARYANA NEWS	13330
3.711	V	PUNJAB TODAY	13330
3.711	V	UP NEWS	13330
3.760	V	7 Star Care	26660
3.760	V	Sanskar	26660
3.785	V	TERAI TV	2960

THA005CR

Freq	Pol	Channel Name	Symbol rate
3.421	V	SCOPUS-NET-TEC0	6666
3.421	V	SCOPUS-NET-TECR	6666
3.432	V	Nepal Television 1	6664
3.432	V	Nepal Television 2	6664
3.449	H	ART TV	13330
3.449	H	C-MUSIC	13330
3.449	H	Discovery World Euro	13330
3.449	H	Eurosport News	13330
3.449	H	FOOTSCHOOL TV	13330
3.449	H	Fox Sport Africa	13330
3.449	H	MCM TOP	13330
3.449	H	MGM ME	13330
3.449	H	National Geographic	13330
3.449	H	Nickelodeon Euro	13330
3.449	H	SAHARA FILMY	13330
3.449	H	SAHARA ONE	13330
3.450	V	TV9_Cambodia	2220
3.455	V	AVENUESTV	3333
3.464	V	{Empty Name}	3333
3.490	V	Sagarmatha	3333
3.502	V	DhiTV	4445
3.544	V	EDN EDUTAINMENT N	30000
3.544	V	M1	30000
3.544	V	Movie Hits	30000
3.544	V	POP CHANNEL	30000
3.544	V	THAI CHAI YO	30000
3.544	V	THAICOM 14	30000
3.544	V	THAICOM 15	30000
3.544	V	THAICOM 3	30000
3.544	V	THAICOM 4	30000
3.544	V	Variety One	30000
3.544	V	Bang TV	30000
3.544	V	D Station	30000
3.544	V	FAN_TV	30000
3.544	V	Green TV	30000
3.544	V	Jewelry Channel	30000
3.544	V	Mongkol Channel	30000
3.544	V	MVTV_BANGKOK TODA	30000
3.544	V	S Channel	30000
3.544	V	SBB TV	30000
3.544	V	TV pool	30000
3.544	V	89 25Mhz Sanghathan	30000
3.544	V	D-Station Radio	30000
3.575	H	MRTV	7495
3.575	H	MRTV3	7495
3.575	H	MYANMARRADIO	7495
3.575	H	RADIO2	7495
3.585	V	TTN	26667
3.585	V	AI-NET CHANNEL	26667
3.585	V	ETC	26667
3.585	V	ETC PANJABI	26667
3.585	V	mvtv_h plus channel	26667
3.585	V	MVTV_HITSTATION	26667
3.585	V	MVTV_MIC	26667
3.585	V	MVTV_MV5	26667
3.585	V	MVTV_My TV	26667
3.585	V	MVTV_STAR	26667
3.585	V	MVTV_VARIETY	26667
3.585	V	PStv	26667
3.585	V	PTC NEWS	26667
3.585	V	TCTV-1	26667
3.585	V	TCTV-2	26667
3.585	V	KCS Radio	26667
3.585	V	OK HOT	26667
3.585	V	OK LOVE	26667
3.585	V	OK LUKTUNG	26667
3.731	V	{Empty Name}	2410
3.814	V	MHONE NEWS	6660
3.814	V	MHONEMUSIC	6660
3.814	V	Shraddha	6660
3.840	V	365-DIN	26667
3.840	V	Nepal1	26667
3.840	V	Sadhana	26667
3.873	V	FUN TV	2890
3.877	V	Channel-5	3333
3.960	V	APNA	30000
3.960	V	FILMAX	30000
3.960	V	FILMAZIA	30000
3.960	V	Jan Sandesh	30000
3.960	V	Joo Music	30000
3.960	V	Multiple TV	30000
3.960	V	SILVER SCREEN	30000
3.960	V	Starlite	30000
3.960	V	THAICOM 4	30000
3.960	V	THAICOM 12	30000
3.960	V	THAICOM 2	30000
3.960	V	THAICOM 8	30000
3.960	V	THAICOM 9	30000
3.991	V	DIVYA	13330
3.991	V	IMAYAM	13330
3.991	V	INDIASIGN TEST4	13330
3.991	V	SHAKTI	13330
3.991	V	SS MUSIC	13330
3.991	V	SUPER STAR	13330
4.005	V	Indiasign Test	6665
4.005	V	TARA MUZIK	6665
4.005	V	TV Southasia	6665
4.014	V	CND_STV	6660
4.107	V	{Empty Name}	6665
4.136	V	Apsara TV	4443
4.136	V	TV5 Cambodia	4443
4.136	V	FM 98 MHz Cambodia	4443
4.169	V	KTN-KARACHI	9600
4.169	V	DATA	9600
4.169	V	KTN-KARACHI-A	9600
EXPRESS AM2			
80.0 East			

EXPAM2KR

Freq	Pol	Channel Name	Symbol rate
10.973	V	ENISEY-REGION	4444
10.992	V	OTC	4441
10.992	V	ZV1	4441
11.044	H	5 Канал	44948
11.044	H	Euronews	44948
11.044	H	Eurosport	44948
11.044	H	Eurosport 2	44948
11.044	H	Hallmark	44948
11.044	H	Kids Co	44948
11.044	H	TV XXI	44948
11.044	H	Бибигон	44948
11.044	H	Вести 24	44948
11.044	H	Драйв	44948
11.044	H	Звезда	44948
11.044	H	Культура	44948
11.044	H	Орион Экспресс Инфо	44948
11.044	H	Охота и Рыбалка	44948
11.044	H	Первый канал	44948
11.044	H	РЕН-ТВ	44948
11.044	H	РЕН ТВ	44948
11.044	H	Россия	44948
11.044	H	ТВ Центр	44948
11.044	H	ТВ-3	44948
11.044	H	Телекафе	44948
11.044	H	Усадьба	44948
11.044	H	Футбол	44948
11.044	H	Music Love	44948
11.044	H	Militseiskaya Volna	44948
11.044	H	Radio Mayak	44948
11.463	V	Russya+Tomsk	3200
11.606	V	Animal Planet	44948
11.606	V	AXN Sci Fi	44948
11.606	V	Discovery Europe Cha	44948
11.606	V	Discovery Science	44948
11.606	V	Discovery Travel & L	44948
11.606	V	Discovery World	44948
11.606	V	Dom kino	44948
11.606	V	Extreme Sports	44948
11.606	V	Fox Crime	44948
11.606	V	Fox Life	44948
11.606	V	National Geographic	44948
11.606	V	Ocean TV	44948
11.606	V	Telenyanya	44948
11.606	V	Universal	44948
11.606	V	Zee TV Russia	44948
11.606	V	Идеальный Мир	44948
11.606	V	Киномания ТВ	44948
11.606	V	Мультимания ТВ	44948
11.606	V	Спорт	44948
11.606	V	Феникс+Кр	44948
11.606	V	1TVRUS CIS	44948
11.606	V	Neo Music	44948
11.606	V	Ориди ТВ	44948
11.606	V	Китай	44948
India			
INSAT 3B,4A			
83.0 East			
10.970	H	BBC Entertainment	28500
10.970	H	CBeebies	28500
10.970	H	HBO	28500
10.970	H	NDTV GOOD TIMES	28500
10.970	H	Service 1315	28500
10.970	H	STAR Gold	28500
10.970	H	STAR Movies	28500
10.970	H	Suvarna	28500
10.970	H	World Movies	28500
10.970	H	Zee Cafe	28500
10.970	H	Zee Studio	28500
10.970	H		28500
11.010	H	ACTVE TOPPER	27500
11.010	H	DD Chandana	27500
11.010	H	Discovery	27500
11.010	H	ETV2	27500
11.010	H	Fox History & Entert	27500
11.010	H	Help Channel	27500
11.010	H	MAA TV	27500
11.010	H	Topper	27500
11.010	H	Udaya Movies	27500
11.010	H	Udaya TV	27500
11.010	H		27500
11.010	H	EPG Audio	27500
11.050	H	Animax	28500
11.050	H	Cartoon Network	28500
11.050	H	Chutti TV	28500
11.050	H	Disney Channel	28500
11.050	H	Hungama	28500
11.050	H	Isai Aruvi	28500
11.050	H	Kalaignar TV	28500
11.050	H	KTV	28500
11.050	H	Nick	28500
11.050	H	PIX	28500
11.050	H	Pogo	28500
11.050	H	Raj TV	28500
11.050	H	Sakshi TV	28500
11.050	H	STAR Majha	28500
11.050	H	Toon Disney	28500
11.050	H	Udaya Varthegalu	28500
11.050	H		28500
11.090	H	9XM	28500
11.090	H	Aastha	28500
11.090	H	Channel V	28500
11.090	H	DD Punjabi	28500
11.090	H	Discovery T & L	28500
11.090	H	Fashion TV	28500
11.090	H	Mahuaa TV	28500
11.090	H	MTV	28500
11.090	H	Nat Geo	28500
11.090	H	UTVi	28500
11.090	H	Zee Trendz	28500
11.090	H		28500
11.130	H	ACTVE NEWSROOM	28500
11.130	H	ACTVE STAR NEWS	28500
11.130	H	CNN-IBN	28500
11.130	H	DD NE	28500
11.130	H	Headlines Today	28500
11.130	H	IBN7	28500
11.130	H	NDTV 24x7	28500
11.130	H	NEWS LIVE	28500
11.130	H	TIMES NOW	28500
11.130	H		28500
11.170	H	Asianet News	28500
11.170	H	BBC WORLD	28500
11.170	H	CNBC-TV18	28500
11.170	H	CNN	28500
11.170	H	E24	28500
11.170	H	Gemini News	28500
11.170	H	Jaya	28500
11.170	H	MH One	28500
11.170	H	MI MARATHI	28500
11.170	H	NDTV Profit	28500
11.170	H	Sun Music	28500
11.170	H	Sun News	28500
11.170	H	TV9 - Kannada	28500
11.170	H	Zee Business	28500
11.170	H		28500
11.470	H	ACTVE SPORTS	28500
11.470	H	Actve Sports High	28500
11.470	H	ACTVE SPORTS TEST	28500
11.470	H	ESPN	28500
11.470	H	NEO Cricket	28500
11.470	H	NEO Sports	28500
11.470	H	Specials	28500
11.470	H	STAR Cricket	28500
11.470	H	STAR Sports	28500
11.470	H	TV5	28500
11.470	H	Zee Kannada	28500
11.470	H	Zee Telugu	28500
11.470	H		28500
11.510	H	Aakaash Bangla	28500
11.510	H	AXN	28500
11.510	H	DD Oriya	28500
11.510	H	DD Sahyadri	28500
11.510	H	ETV Bangla	28500
11.510	H	ETV Kannada	28500
11.510	H	ETV Marathi	28500
11.510	H	ETV MP	28500
11.510	H	Kiran TV	28500
11.510	H	OTV	28500
11.510	H	STAR Ananda	28500
11.510	H	STAR World	28500
11.510	H	Surya TV	28500
11.510	H	Zee Bangla	28500
11.510	H	Zee Marathi	28500
11.510	H		28500
11.550	H	DD Gujarati	28500
11.550	H	ETV Gujarati	28500
11.550	H	ETV Oriya	28500
11.550	H	ETV Urdu	28500
11.550	H	Teja TV	28500
11.550	H	Zee Gujarati	28500
11.550	H		28500
11.590	H	Amrita TV	28500
11.590	H	Asianet	28500
11.590	H	Colors	28500
11.590	H	DD Malayalam	28500
11.590	H	DD Podhigai	28500
11.590	H	ETV Telugu	28500
11.590	H	Gemini Music	28500
11.590	H	Gemini TV	28500
11.590	H	Kairali	28500
11.590	H	NE TV	28500
11.590	H	STAR Vijay	28500
11.590	H	Sun TV	28500
11.590	H	TV9	28500
11.590	H		28500
11.630	H	ACTVE COOKING	28500
11.630	H	ACTVE DARSHAN	28500
11.630	H	ACTVE DOORDARSHAN	28500
11.630	H	HELPDESK	28500
11.630	H	HOME	28500
11.630	H	Service 2308	28500
11.630	H	Showcase	28500
11.630	H	Showcase Promo Cha..	28500
11.630	H	STAR Pravah	28500
11.630	H	Udaya 2	28500
11.630	H		28500
11.630	H	Actve Cooking	28500
11.670	H	NEWSX	28500
11.670	H	Service 2410	28500
11.670	H	STAR Jalsha	28500
11.670	H	TEN Sports	28500
11.670	H	VH1	28500
11.670	H	Zoom	28500
11.670	H		28500
11.670	H	Actve Learning	28500
11.670	H	Actve Stories	28500
11.670	H	Actve Wizkids	28500
C-Band: INSAT 2E,3B,4A			
83.1 East			

INS02ECW

Freq	Pol	Channel Name	Symbol rate
3.549	V	TV9	3255
3.642	V	Asianet	19530
3.642	V	Asianet News	19530
3.642	V	Asianet Plus	19530
3.642	V	Jeevan TV	19530
3.642	V	Sitara	19530
3.642	V	Suvarna	19530
3.642	V	Suvarna News	19530
3.678	V	AMRITA TV	5928
3.696	V	SRI SANKARA	6110
3.774	V	VISSA	13020
3.774	V	Raj Digital Plus	13020
3.774	V	Raj TV	13020
3.774	V	VISSA	13020
3.774	V	Raj MUSIX	13020
3.774	V	Raj News	13020
3.844	V	MAA TV	26040
3.844	V	KAIRALI TV	26040
3.844	V	MAKKAL TV	26040
3.844	V	PEOPLE	26040
3.844	V	TAMILAN TELEVISIO	26040
3.844	V	TV5	26040
3.844	V	WE	26040
3.844	V	WIN TV	26040
4.004	V	ETV-2	27000
4.004	V	ETV-Kannada	27000
4.004	V	ETV-Oriya	27000
4.004	V	ETV-Telugu	27000
4.004	V	ETV-Bengali	27000
4.004	V	ETV-Gujarathi	27000
4.004	V	ETV-Marathi	27000
4.004	V	ETV-Urdu	27000

INS02ECZ

Freq	Pol	Channel Name	Symbol rate
3.522	V	NE BANGLA	8640
3.522	V	NE HIFI	8640
3.522	V	NE TELEVISION	8640
3.558	V	S1 TELEVISION	3363
3.581	V	TV-9KANNADA	3255
3.593	V	JAYA MAX	8670
3.593	V	JAYA PLUS	8670
3.593	V	JAYA TV	8670
3.611	V	AKAASH	9630
3.611	V	Channel Eight	9630
3.611	V	RAHUL SPRINGS	9630
3.776	H	STAR	10900
3.776	H	STAR ANANDA	10900
3.776	H	STAR NEWS	10900
3.776	H	STAR MAJHA	10900
4.070	V	DD NATIONAL 2E	5000
3.535	V	Focus_TV	10800
3.535	V	Hamar_TV	10800
3.535	V	HY_TV	10800
3.725	H	BHOJPURIYA MAGIK	26660
3.725	H	JAIN TV	26660
3.725	H	ANGEL TV	26660
3.725	H	ASEERVATHAM TV	26660
3.725	H	D TV	26660
3.725	H	ERA TV	26660
3.725	H	PBC TV	26660
3.725	H	POWER VISION TV	26660
3.725	H	SOBHAGYA TV	26660
3.725	H	SPACE TV	26660
3.725	H	STANDARD WORLD	26660
3.725	H	TIME TV	26660
3.725	H	VOI PUNJAB	26660
3.725	H	VOI U.P	26660
3.725	H	VOI-MILLIONAIRE	26660
3.725	H	VOI-MP	26660
3.725	H	VOI-NATIONAL	26660
3.725	H	VOI-RAJASTHAN	26660
3.755	H	Enterr10	13328
3.755	H	India NEWS	13328
3.755	H	Manoranjan TV	13328
3.755	H	REAL ESTATE TV	13328
3.755	H	Spacetoon Kids TV	13328
3.755	H	TV 24	13328
3.760	V	CNBC	6500
3.760	V	CNBC AAWAZ	6500
3.794	V	UTVi	3500
3.804	H	BINDASS	28500
3.804	H	BINDASS MOVIES	28500
3.804	H	UTV MOVIES	28500
3.804	H	UTV NEWS	28500
3.804	H	WORLD MOVIES	28500
3.804	H	AZAD NEWS	28500
3.804	H	CHANNEL 1	28500
3.804	H	CNEB	28500
3.804	H	OTV	28500
3.804	H	PRAGYA	28500
3.804	H	SHALOM TV	28500
3.804	H	SUDARSHAN TV	28500
3.804	H	SVBC	28500
3.804	H	YO MUSIC	28500
3.814	V	PTC CHAKDE	6000
3.814	V	PTC NEWS	6000
3.814	V	PTC PUNJABI	6000
3.851	H	CTVN AKD PLUS	3263
3.856	H	kasthuri TV	3463
3.891	H	Vanitha	3295
3.891	H	{Empty}	3295
3.898	H	Bhakti	6800
3.898	H	NTV	6800
3.909	H	CHANNEL 10	3595
3.914	V	INDIAVISION NEWS	3000
3.918	V	YES INDIAVISION	3000
3.921	H	MUSIC INDIA	13000
3.921	H	SADHANA NEWS	13000
3.921	H	SANGEET BANGLA	13000
3.921	H	SATSANG	13000
3.921	H	TOTAL TV	13000
3.921	H	TV 100	13000
3.921	H	UNITY TV	13000
3.921	H	{Empty}	13000
3.923	V	MMINTL	3000
3.934	V	STAR JALSHA	13020
3.934	V	STAR PRAVAH	13020
3.934	V	STAR VIJAY	13020
3.934	V	MEGA TV	13020
3.934	V	SUBHAVARTHA	13020
3.936	H	9x	10100
3.936	H	9xM	10100
3.936	H	NewsX	10100
3.949	H	DY365	3223
3.957	H	Mahuaa	9500
3.957	H	Mahuaa News	9500
3.957	H	Pragya TV	9500
3.960	V	RAJ KANADA	6650
3.974	V	GUJRATI	13330
3.974	V	LEHREN	13330
3.974	V	MUMBAI	13330
3.974	V	News9	13330
3.974	V	SANSKRUTI	13330
3.976	H	ZEE NEXT	3200
4.004	H	ETV 2	22210
4.004	H	ETV Bengali	22210
4.004	H	ETV Bihar	22210
4.004	H	ETV Gujrathi	22210
4.004	H	ETV Kannada	22210
4.004	H	ETV Madhya Pradesh	22210
4.004	H	ETV Marathi	22210
4.004	H	ETV Oriya	22210
4.004	H	ETV Rajasthan	22210
4.004	H	ETV Telugu	22210
4.004	H	ETV Uttar Pradesh	22210
4.004	H	ETV Urdu	22210
4.031	V	MAA MUSIC	7440
4.031	V	MOON TV	7440
4.040	H	Sahuaa	7500
4.040	H	Saam TV	7500
4.040	H	Sang Bhoj	7500
4.042	V	Angel TV	7420
4.042	V	God Greater China	7420
4.042	V	Gods Learning Channe	7420
4.042	V	Tristit TV	7420
4.050	V	JAI HIND	5085
4.050	V	VASANTH TV	5085
4.053	H	BIZZ -NEWS	13230
4.053	H	LAMHAS TEST-2	13230
4.053	H	LAMHAS TEST-4	13230
4.053	H	LAMHAS-TEST 1	13230
4.053	H	LAMHAS-TEST 3	13230
4.053	H	LAMHASTEST 5	13230
4.053	H	LEMON TV	13230
4.053	H	NAXATRA-NEWS	13230
4.071	H	XYZ	6500
4.071	H	TOPPER	6500
4.071	H	HSN18	6500
4.078	H	IBN LOKMAT	3250
4.087	H	LIVE INDIA	3300
4.092	H	{Empty Name}	3000
4.100	H	BBS TV	4750
4.100	H	BBS FM	4750
4.100	H	Kuzoo FM	4750
4.114	H	MMCAL	5555
4.114	H	MMCOCHIN	5555
4.114	H	MMTVM	5555
4.134	H	E-24	10600
4.134	H	NEWS24	10600
4.151	H	ZEE KANNADA	6500
4.151	H	ZEE TELUGU	6500
4.151	H	24 GHANTA	6500
4.160	H	PLAY TV	6500
4.160	H	ZEE TALKIES	6500
4.160	H	24 TAAS	6500
4.170	H	LSTV	4650
4.180	H	KOLKATATV	3230
C-Band: ST 1			
88.0 East			

STC001CB

Freq	Pol	Channel Name	Symbol rate
3.415	V	UBC Thailand	3618
3.469	V	Ch_1 GTV 27	30000
3.469	V	Ch_2 GTV 28	30000
3.469	V	Ch_3 GTV 41	30000
3.469	V	Ch_4 GTV K	30000
3.469	V	CH_5	30000
3.469	V	CH_6	30000
3.469	V	N01	30000
3.469	V	N02	30000
3.469	V	N03	30000
3.469	V	N04	30000
3.469	V	N05	30000
3.469	V	N06	30000
3.469	V	N07	30000
3.469	V	N08	30000
3.550	V	1_VL Cinema	30000
3.550	V	2_VL Nipponese	30000
3.550	V	3_VL Drama	30000
3.550	V	4_VL Ensemble	30000
3.550	V	5_VL Sports	30000
3.550	V	6_VL Edu & Ent	30000
3.550	V	7_ch7	30000
3.550	V	9_Ad hoc feed	30000
3.550	V	CH 10	30000
3.550	V	8_UTV MOMO	30000
3.591	H	Ch_1 GTV 27	30000
3.591	H	Ch_2 GTV 28	30000
3.591	H

Freq	Pol	Channel Name	Symbol rate
12.120	V	HHD	7234
12.120	V	NGEO	7234
12.120	V	PHDC	7234
12.120	V	SMV	7234
12.120	V	TEST	7234
12.120	V	TVBS	7234
12.120	V	VAAN	7234
12.120	V	WLT	7234
12.120	V	PPV PORTAL (home t	7234
C-Band: MEASAT 3			
91.6 East			
MEA003CG			
3.721	V	TV NATIN	2170
3.721	V	BEAT	2170
3.721	V	DZRH	2170
3.721	V	HOT FM	2170
3.721	V	KIDS FM	2170
3.721	V	LOVE	2170
3.721	V	RN	2170
3.721	V	YES FM	2170
3.721	V	{Empty Name}	2170
3.751	V	TRUE VISION	13330
3.751	V	Voom HD	13330
3.787	V	TV 3 DIGITAL	7030
3.797	V	HTV7	7030
3.797	V	HTV9	7030
3.797	V	SAIGON_FM	7030
3.805	V	Aruna MCPC2a	7500
3.805	V	Jim Jam	7500
3.805	V	Ria	7500
3.840	V	AFC	30000
3.840	V	BBC Entertainment	30000
3.840	V	BIOGRAPHY	30000
3.840	V	CCM	30000
3.840	V	Celestial 1	30000
3.840	V	Celestial 2	30000
3.840	V	CRIME&INVESTIGATI	30000
3.840	V	GOLF	30000
3.840	V	HISTORY	30000
3.840	V	JIA YU	30000
3.865	V	Sabah TV	3835
3.865	V	Sabah FM	3835
3.865	V	Sabah FM1	3835
3.865	V	Sabah FM3	3835
3.865	V	Sabah FM4	3835
3.877	V	RTM 1	12520
3.877	V	RTM 2	12520
3.877	V	RTM FEED 1	12520
3.877	V	RTM FEED 2	12520
3.877	V	AI FM	12520
3.877	V	ASYIK FM	12520
3.877	V	KLASIK NASIONAL F	12520
3.877	V	MINNAL FM	12520
3.877	V	MUZIK FM	12520
3.877	V	SUARA MALAYSIA 1	12520
3.877	V	SUARA MALAYSIA 2	12520
3.877	V	TRAXX FM	12520
3.889	V	RTM Sarawak TV	3975
3.889	V	Red FM	3975
3.889	V	Sarawak FM	3975
3.889	V	Sarawak FM 4	3975
3.889	V	Sarawak FM 5	3975
3.889	V	Wai FM	3975
3.920	V	321 FOX Crime	28000
3.920	V	322 NG Wild	28000
3.920	V	323 Fox FX	28000
3.920	V	324 Nat Geo Philippi	28000
3.920	V	Filmazia	28000
3.920	V	MTV Pakistan	28000
3.920	V	Film World	28000
3.920	V	Indus Vision	28000
4.108	V	Lease 3	6666
4.114	V	Ginx	2960
4.118	V	YR ASIA TV	2963
India			
MEASAT 3			
91.7 East			
MEA003KA			
12.563	V	English Action	27500
12.563	V	English Blockbuster	27500
12.563	V	English Blockbuster	27500
12.563	V	English Drama	27500
12.563	V	English Mega Hit	27500
12.563	V	English Suspense	27500
12.563	V	Hindi Action	27500
12.563	V	Hindi Art	27500
12.563	V	Hindi Blockbuster	27500
12.563	V	Hindi Classic	27500
12.563	V	Hindi Comedy	27500
12.563	V	Hindi Drama	27500
12.563	V	Hindi Family	27500
12.563	V	Hindi Mega Hit	27500
12.563	V	Hindi Romance	27500
12.563	V	Hindi Suspense	27500
12.563	V	ISP Video	27500
12.563	V	Premium Pay Movie 1	27500
12.563	V	Premium Pay Movie 2	27500
12.563	V	Preview	27500
12.563	V	AIR Gujarati	27500
12.723	V	Bengali	27500
12.723	V	Bhojpuri	27500
12.723	V	English Classic	27500
12.723	V	Gujarati	27500
12.723	V	Help Channel	27500
12.723	V	iCare	27500
12.723	V	iCooking	27500
12.723	V	Kannada	27500
12.723	V	Marathi	27500
12.723	V	Oriya	27500
12.723	V	Regional Blockbuster	27500
12.723	V	Tamil	27500
12.723	V	Telugu 1	27500
12.723	V	Telugu 2	27500
C-Band: INSAT 3A, 4B			
93.5 East			
INS03ACE			
4.109	V	DDK_AGARTALA	4250
4.132	V	RTA - Kabul	4000
4.132	V	RADIO	4000
4.137	V	RTA Service	2000
4.141	V	ARIANA INT'L	5148
4.141	V	ARIANA NATIONAL	5148
4.141	V	ARIANA FM	5148
INS03ACI			
3.732	V	DD Bangala	6250
3.732	V	Kolkata Feed	6250
3.740	V	DD PUNJABI	6250
3.740	V	JALANDHAR FEED	6250
3.749	V	Ahmedabad Feed	6250
3.749	V	DD Gujrati	6250
3.771	V	DD Feed - BBSR	6250
3.771	V	DD Oriya	6250
3.781	V	DD-KASHIR (SRINAG	6250
3.781	V	DD-News feed(SRIN	6250
3.792	V	NEWS-FEED	8600
3.792	V	DD SAHYADRI	8600
3.792	V	MUMBAI-FEED	8600
3.811	V	DD Malayalam RLSS	6250
3.811	V	NEWS DDK Trivandru	6250
3.820	V	News feed hyd (News	6250
3.820	V	News feed hyd (Sapth	6250
3.832	V	Chennai feed - 1	8600
3.832	V	Podhigai	8600
3.932	V	DD-News feed(Shimla)	6250
3.932	V	DD-Shimla	6250
3.941	V	DD-N/FeedJaipur (D	6250
3.941	V	DD-N/FeedJaipur (D	6250
3.950	V	DD-Bhopal	6250
3.950	V	DD-News feed(Bhopal)	6250
3.959	V	DD-Lucknow	6250
3.959	V	DD-News feed(Lucknow	6250
4.093	V	DDSHG-NEWSFEED	6250
4.093	V	DDSHG-REGIONAL	6250
4.101	V	AUZAWL-REGIONAL	6250
4.101	V	DD-AZL-NEWSFEED	6250
3.725	H	DD BANGLA	27500
3.725	H	DD BHARTI	27500
3.725	H	DD FEED	27500
3.725	H	DD NATIONAL	27500
3.725	H	DD NEWS	27500
3.725	H	DD RAJYASABHA	27500
3.725	H	DD SPORTS	27500
3.725	H	DD URDU	27500
3.763	H	DD Chhattisgarh	4250
3.769	H	DDK RANCHI	4250
3.775	H	DDK JAMMU	4250
3.803	H	DDK HISAR	4250
3.821	H	DDK PORTBLAIR	4250
3.833	H	DD Patna	6250
3.833	H	Feed DD Patna	6250
3.840	H	{Empty Name}	6250
3.885	H	GEMINI CABLE VISI	28000
3.885	H	GEMINI MUSIC	28000
3.885	H	GEMINI NEWS	28000
3.885	H	GEMINI TV	28000
3.885	H	K TV	28000
3.885	H	SUN MUSIC	28000
3.885	H	SUN NEWS	28000
3.885	H	SUN TV	28000
3.885	H	TEJA TV	28000
3.885	H	UDAYA MOVIES	28000
3.885	H	UDAYA VARTHEGALU	28000
3.885	H	UDAYATV	28000
3.885	H	CHUTTI TV	28000
3.885	H	KIRAN TV	28000
3.885	H	SURYA TV	28000
3.950	H	Sakshi TV	4435
3.956	H	Tarang	3400
3.956	H	Tarang Music	3400
4.005	H	HMTV	25430
4.005	H	iNEWS	25430
4.005	H	ISAI ARUVI	25430
4.005	H	KALAIGNAR SEITHIG	25430
4.005	H	KALAIGNAR SIRIPPO	25430
4.005	H	KALAIGNAR TV	25430
4.005	H	R TV	25430
4.045	H	TEJA NEWS	28000
4.045	H	UDAYA NEWS	28000
4.045	H	USHE TV	28000
4.045	H	ADITHYA TV	28000
4.045	H	UDAYA TV II	28000
4.082	H	9MHz, PAL, 1 Audio	2200
India			
INSAT 4B, NSS 6			
95.0 East			
10.990	V	LOK SABHA TV	27500
10.990	V	TEST 113	27500
10.990	V	DD BANGLA	27500
10.990	V	DD BHARATI	27500
10.990	V	DD GUJARATI	27500
10.990	V	DD INDIA	27500
10.990	V	DD KASHIR	27500
10.990	V	DD NATIONAL	27500
10.990	V	DD NEWS	27500
10.990	V	DD SPORTS	27500
10.990	V	DD-CHANDANA	27500
10.990	V	TEST 111	27500
10.990	V	TEST 112	27500
10.990	V	AIR MARATHI	27500
10.990	V	AIR TAMIL	27500
10.990	V	AIR TELUGU	27500
10.990	V	AIR VBS	27500
11.030	V	Chirithira	27500
11.030	V	ETV Gujarathi	27500
11.030	V	ETV Oriya	27500
11.030	V	Gemini TV	27500
11.030	V	Jaya TV	27500
11.030	V	K TV	27500
11.030	V	Kalaignar TV	27500
11.030	V	Kiran TV	27500
11.030	V	M TV	27500
11.030	V	Russia Today	27500
11.030	V	Set Max	27500
11.030	V	SS Music	27500
11.030	V	Star Movies	27500
11.030	V	Sun TV	27500
11.030	V	Surya TV	27500
11.030	V	Teja	27500
11.030	V	Udaya	27500
11.030	V	Udaya Movies	27500
11.030	V	Vijay TV	27500
11.030	V	Zee Marathi	27500
11.070	V	9 X	27500
11.070	V	DD MALAYALAM	27500
11.070	V	DD NORTH EAST	27500
11.070	V	DD ORIYA	27500
11.070	V	DD PODHIGAI	27500
11.070	V	DD PUNJABI	27500
11.070	V	DD RAJYA SABHA	27500
11.070	V	DD SAHYADRI	27500
11.070	V	DD SAPTAGIRI	27500
11.070	V	IBN LOKMAT	27500
11.070	V	N TV	27500
11.070	V	SHAKTI TV	27500
11.070	V	SHRADDHA	27500
11.070	V	AIR GUJRATI	27500
11.070	V	AIR PUNJABI	27500
11.070	V	FM GOLD	27500
11.070	V	FM RAINBOW	27500
11.110	V	Bindass Movies	27500
11.110	V	Channel V	27500
11.110	V	Chutti TV	27500
11.110	V	Comedy Thirai	27500
11.110	V	ESPN	27500
11.110	V	ETC Punjabi	27500
11.110	V	ETV 2	27500
11.110	V	ETV Telugu	27500
11.110	V	Gemini Music	27500
11.110	V	Gemini News	27500
11.110	V	Jetix	27500
11.110	V	Kalaignar Seithigal	27500
11.110	V	Maa TV	27500
11.110	V	Pogo	27500
11.110	V	Raj TV	27500
11.110	V	Star Majaa	27500
11.110	V	Sun Music	27500
11.110	V	Sun News	27500
11.110	V	TV5 Telugu	27500
11.110	V	TV9	27500
11.110	V	World Movies	27500
11.110	V	Zee Gujarathi	27500
11.110	V	Zee Punjabi	27500
11.110	V	Zee Telugu	27500
11.150	V	AASTHA	27500
11.150	V	9XM	27500
11.150	V	CARE WORLD	27500
11.150	V	E 24	27500
11.150	V	ETC	27500
11.150	V	KAIRALI TV	27500
11.150	V	MAKKAL TV	27500
11.150	V	MH One	27500
11.150	V	PBC TV	27500
11.150	V	PTC NEWS	27500
11.150	V	TIME TV	27500
11.150	V	TOTAL TV	27500
11.150	V	ZEE JAGRAN	27500
11.150	V	AIR BANGLA	27500
11.150	V	AIR HINDI	27500
11.150	V	AIR KANNADA	27500
11.150	V	AIR N E	27500
11.185	V	Adithya	20000
11.185	V	Angel TV	20000
11.185	V	CNBC	20000
11.185	V	ETV Bengali	20000
11.185	V	ETV Urdu	20000
11.185	V	HBO	20000
11.185	V	Hungama	20000
11.185	V	Kairali	20000
11.185	V	Makkal TV	20000
11.185	V	Mega TV	20000
11.185	V	Podhigai	20000
11.185	V	Star Gold	20000
11.185	V	Star One	20000
11.185	V	Win TV	20000
11.185	V	Zee Cafe	20000
11.185	V	Zee Music	20000
11.185	V	Zee TV	20000
11.185	V	Zoom TV	20000
11.185	V	Tamil 90's	20000
11.185	V	Tamil Classic	20000
11.185	V	Tamil Latest	20000
11.185	V	Telugu Classic	20000
11.185	V	{Empty Name}	20000
11.490	V	Amrita TV	27500
11.490	V	AZAD NEWS	27500
11.490	V	INDIA NEWS	27500
11.490	V	NEWS 24	27500
11.490	V	NEWS LIVE	27500
11.490	V	DW-TV	27500
11.490	V	Enter 10	27500
11.490	V	KBS WORLD	27500
11.490	V	NHK WORLD	27500
11.490	V	SVBC	27500
11.490	V	AIR Assamese	27500
11.490	V	AIR Malayalam	27500
11.490	V	FM Gold Mumbai	27500
11.490	V	FM Rainbow Chennai	27500
11.490	V	Radio Kashmir	27500
11.490	V	TEST	27500
11.490	V	TEST RADIO	27500
11.530	V	9X	27500
11.530	V	Asianet Suvarna	27500
11.530	V	Cartoon Network	27500
11.530	V	CNN IBN	27500
11.530	V	Disney English	27500
11.530	V	ETV Kannada	27500
11.530	V	Hasya There	27500
11.530	V	MI Marathi	27500
11.530	V	NDTV Good Times	27500
11.530	V	NDTV Imagine	27500
11.530	V	NE TV	27500
11.530	V	Neo Cricket	27500
11.530	V	Nepal TV	27500
11.530	V	PTC Punjabi	27500
11.530	V	Star ananda	27500
11.530	V	Star Plus	27500
11.530	V	Star World	27500
11.530	V	TV 9 Kannada	27500
11.530	V	Udaya 2	27500
11.530	V	Udaya Varthegalu	27500
11.530	V	Vasanth TV	27500
11.530	V	Zee Cinema	27500
11.530	V	Zee Studio	27500
11.570	V	DD Urdu	27500
11.570	V	Kalaignar TV	27500
11.570	V	Music India	27500
11.570	V	Star Utsav	27500
11.570	V	B4U Music	27500
11.570	V	Gyandarshan-1	27500
11.570	V	Gyandarshan-2	27500
11.570	V	Jaihind TV	27500
11.570	V	Mega TV	27500
11.570	V	Smile TV	27500
11.570	V	AIR Oriya	27500
11.570	V	AIR Ragam	27500
11.570	V	AIR Urdu	27500
11.570	V	FM Rainbow Banglore	27500
11.610	V	Aaj Tak	27500
11.610	V	Akash Bangla	27500
11.610	V	Animax	27500
11.610	V	Asianet	27500
11.610	V	Asianet News	27500
11.610	V	Asianet Plus	27500
11.610	V	Bindass	27500
11.610	V	Colors	27500
11.610	V	ETV Marathi	27500
11.610	V	God TV	27500
11.610	V	History Channel	27500
11.610	V	India Vision	27500
11.610	V	Isaiyaruvi	27500
11.610	V	Kairali We	27500
11.610	V	Navvula Thera	27500
11.610	V	NGC	27500
11.610	V	O TV	27500
11.610	V	Shalom TV	27500
11.610	V	Star Cricket	27500
11.610	V	Times Now	27500
11.610	V	UTV Movies	27500
11.610	V	UTV News	27500
11.610	V	Zee bengali	27500
11.610	V	Zee Sports	27500
11.645	V	AXN	20000
11.645	V	CNN	20000
11.645	V	Daystar	20000
11.645	V	Fashion TV	20000
11.645	V	Jaya Plus	20000
11.645	V	Manorama News	20000
11.645	V	NDTV 24x7	20000
11.645	V	NDTV India	20000
11.645	V	NDTV Profit	20000
11.645	V	Neo Sports	20000
11.645	V	News X	20000
11.645	V	Raj Vissa	20000
11.645	V	Star Jalsha	20000
11.645	V	Star sports	20000
11.645	V	Ten Sports	20000
11.645	V	VH1	20000
11.645	V	Zee Classic	20000
11.645	V	Zee Kannada	20000
11.645	V	{Empty Name}	20000
11.668	V	TEST HD -2	9500
11.668	V	TEST HD -1	9500
11.682	V	Animal Planet	9500
11.682	V	CNBC Awaaz	9500
11.682	V	Discovery	9500
11.682	V	Nickelodeon	9500
11.682	V	SAB	9500
11.682	V	Sony	9500
11.682	V	Sony Pix	9500
11.682	V	Star News	9500
11.038	H	BINDASS MOVIES	40700
11.038	H	CHANNEL V	40700
11.038	H	CNBC AWAAZ	40700
11.038	H	CNN IBN	40700
11.038	H	DISNEY CHANNEL	40700
11.038	H	ETV 2	40700
11.038	H	ETV BANGLA	40700
11.038	H	ETV GUJARATI	40700
11.038	H	ETV KANNADA	40700
11.038	H	ETV ORIYA	40700
11.038	H	ETV TELUGU	40700
11.038	H	ETV UP	40700
11.038	H	ETV URDU	40700
11.038	H	HISTORY CHANNEL	40700
11.038	H	HUNGAMA	40700
11.038	H	INDIA NEWS	40700
11.038	H	KHEL ACTIVE	40700
11.038	H	KIDS ACTIVE	40700
11.038	H	NAT GEO	40700
11.038	H	NE TV	40700
11.038	H	SAHARA MP	40700
11.038	H	TOON DISNEY	40700
11.038	H	TV 5 MONDE	40700
11.038	H	UTV MOVIES	40700
11.091	H	CGNTV	29500
11.172	H	Cinema Active	27500
11.172	H	ETC PUNJABI	27500
11.172	H	MUSIC Active	27500
11.172	H	POGO	27500
11.172	H	STAR GOLD	27500
11.172	H	STAR MOVIES	27500
11.172	H	STAR NEWS	27500
11.172	H	STAR SPORTS	27500
11.172	H	STAR WORLD	27500
11.172	H	TIMES NOW	27500
11.172	H	VH1	27500
11.172	H	ZEE ACTION	27500
11.172	H	ZEE CLASSIC	27500
11.172	H	ZEE PREMIERE	27500
11.172	H	DISH INTERACTIVE	27500
12.534	V	BBC WORLD	40700
12.534	V	BOOMERANG	40700
12.534	V	ESPN	40700
12.534	V	ETV RAJASTHAN	40700
12.534	V	FILMY	40700
12.534	V	GEMINI NEWS	40700
12.534	V	ISAI ARUVI	40700
12.534	V	MAA TV	40700
12.534	V	MANORAMA NEWS	40700
12.534	V	MGM	40700
12.534	V	NDTV GOOD TIMES	40700
12.534	V	NDTV IMAGINE	40700
12.534	V	RAJ DIGITAL	40700
12.534	V	RAJ TV	40700
12.534	V	SAHARA ONE	40700
12.534	V	SAMAY TV	40700
12.534	V	STAR ONE	40700
12.534	V	STAR PLUS	40700
12.534	V	ZEE GUJARATI	40700
12.534	V	ZEE TELUGU	40700
12.534	V	ZOOM TV	40700
12.534	V	ZEE JAGRAN	40700
12.595	V	24 GHANTA	40700
12.595	V	9X	40700
12.595	V	AAKAASH BANGLA	40700
12.595	V	ASIANET	40700
12.595	V	ASIANET NEWS	40700
12.595	H	ASIANET PLUS	40700
12.595	V	CNEB	40700
12.595	H	DISH NEWS ACTIVE	40700
12.595	H	DISH SPORTS ACTIV	40700
12.595	H	DISHTV RECHARGE F	40700
12.595	H	ETV MARATHI	40700
12.595	H	GAMES ACTIVE	40700
12.595	V	JAYA TV	40700
12.595	V	LIVE INDIA	40700
12.595	V	MI MARATHI	40700
12.595	V	Movie Active	40700
12.595	H	MOVIE ON DEMAND 1	40700
12.595	H	MOVIE ON DEMAND 2	40700
12.595	H	MOVIE ON DEMAND 3	40700
12.595	H	MOVIE ON DEMAND 4	40700
12.595	H	MOVIE ON DEMAND 5	40700
12.595	H	MOVIE ON DEMAND 6	40700
12.595	H	NDTV PROFIT	40700
12.595	V	SS MUSIC	40700
12.595	H	STAR VIJAY	40700
12.595	V	TBN	40700
12.595	H	TCM	40700
12.595	V	TOPPER	40700
12.595	H	TV 5	40700
12.595	V	TV9 KANNADA	40700
12.595	V	TV9 TELUGU	40700
12.595	V	VOICE OF INDIA	40700
12.595	V	ZEE 24 TAAS	40700
12.595	H	ZEE NEWS	40700
12.595	V	ZEE TALKIES	40700
12.595	H	BHAKTI Mosaic	40700
12.595	V	FASHION TV	40700
12.595	V	INDIA TV	40700
12.595	V	NEPAL 1	40700
12.595	V	PLAY TV	40700
12.595	V	SMILE TV	40700
12.595	V	ZEE TAMIL	40700
12.638	V	AAJ TAK	13300
12.638	V	COLORS	13300
12.638	V	OTV	13300
12.638	V	PTC Punjabi	13300
12.638	V	ZEE 24G CHHATTISG	13300
12.647	H	ANIMAL PLANET	27500
12.647	H	ANIMAX	27500
12.647	H	AXN	27500
12.647	H	DISCOVERY	27500
12.647	H	DISCOVERY T & LIV	27500
12.647	H	M TV	27500
12.647	H	MAX	27500
12.647	H	NDTV INDIA	27500
12.647	H	NICKELODEON	27500
12.647	H	PIX	27500
12.647	H	SAB TV	27500
12.647	H	SONY	27500
12.647	H	TEN SPORTS	27500
12.647	H	999 Active	27500
12.688	H	CHUTTI TV	27500
12.688	H	GEMINI MUSIC	27500
12.688	H	GEMINI TV	27500
12.688	H	K TV	27500
12.688	H	KIRAN TV	27500
12.688	H	SUN MUSIC	27500
12.688	H	SUN NEWS	27500
12.688	H	SUN TV	27500
12.688	H	SURYA TV	27500
12.688	H	TEJA TV	27500
12.688	H	U2	27500
12.688	H	UDAYA MOVIES	27500
12.688	H	UDAYA TV	27500
12.688	H	UDAYA VARTHEGALU	27500
12.688	V	ZEE BANGLA	27500
12.688	V	ZEE CAFE	27500
12.688	V	ZEE KANNADA	27500
12.688	V	ZEE MARATHI	27500
12.688	V	ZEE MUZIC	27500
12.688	V	ZEE PUNJABI	27500
12.688	V	ZEE STUDIO	27500
12.688	V	ZEE TV	27500
12.688	V	Playjam	27500
12.729	V	CARTOON NETWORK	27500
12.729	V	CNBC TV 18	27500
12.729	V	CNN	27500
12.729	V	HBO	27500
12.729	V	NDTV 24x7	27500
12.729	V	NEWS X	27500
12.729	V	STAR CRICKET	27500
12.729	V	ZEE BUSINESS	27500
12.729	V	ZEE CINEMA	27500
12.729	V	ZEE NEXT	27500
12.729	V	ZEE SPORTS	27500
12.729	V	ZEE TRENDZ	27500
South East Asia			
NSS 6			
95.1 East			
11.635	H	ACE CHANNEL	27500
11.635	H	CGNTV	27500
11.635	H	D Station	27500
11.635	H	DMC	27500
11.635	H	For Mankind TV	27500
11.635	H	Nation Channel	27500
11.635	H	News 1	27500
11.635	H	PEAK CHANNEL	27500
11.635	H	Suwannabhumi Ch	27500
11.635	H	TOC	27500
11.635	H	TNN 24	27500
11.676	H	Body and Mind	27500
11.676	H	e-San Discovery	27500
11.676	H	For the Earth TV	27500
11.676	H	News 1	27500
11.676	H	Suwannabhumi Channel	27500
11.676	H	TOC	27500
11.676	H	Variety	27500
11.676	H	ASTV Radio 1	27500
11.676	H	ASTV Radio 2	27500
11.676	H	ASTV Radio 3	27500
11.676	H	ASTV Radio 4	27500
11.676	H	ASTV Radio 5	27500
11.676	H	ASTV Radio 6	27500
PROTOSTAR 1			
98.5 East			
12.710	V	DAN TV	27500
12.710	V	SRILAKVAHINI	27500
12.710	V	TVLanka	27500
12.710	V	TVLanka 5	27500
12.710	V	TVLanka 6	27500
12.710	V	TVLanka 7	27500
12.710	V	TVLottery	27500
12.710	V	TVLMovie	27500
12.710	V	TVLNews	27500
12.710	V	Radio Ch 1	27500
12.710	V	Radio Ch 2	27500
12.710	V	Radio Ch 3	27500
12.710	V	Shakthi	27500
12.710	V	Sooryan	27500
C-Band: ASIASAT 2			
100.5 East			
ASI002CB			
3.660	V	AL EMARAT	27500
3.660	V	AL-ALAM	27500
3.660	V	ALKASS	27500
3.660	V	IRIB3	27500
3.660	V	NILE NEWS	27500
3.660	V	PRESS TV PROMO	27500
3.660	V	EL BERNAMERG	27500
3.660	V	EL-QURAN EL-KARIM	27500
3.660	V	RADIO MAAREF	27500
3.660	V	RADIO QURAN	27500
3.660	V	RADIO SARASARI	27500
3.706	H	UP4	4165
3.787	V	AsiaPacific	8525
3.778	V	AJK-TV.	3333
3.786	H	BRUNEI INTERNATIO	6000
3.792	V	Shamshad TV	2443
3.794	H	FTV HD	4640
3.820	V	Abu Dhabi TV	27500
3.820	V	Aljazeera Channel	27500
3.820	V	KUWAIT	27500
3.820	V	Oman TV	27500
3.820	V	Qatar TV	27500
3.820	V	Saudi Arabian TV 2	27500
3.820	V	SAUDI TV	27500
3.820	V	Sharjah TV	27500
3.820	V	Sudan TV	27500
3.820	V	Syria TV	27500
3.820	V	Yemen TV	27500
3.820	V	EMIRATES FM	27500
3.820	V	Main General Program	27500
3.820	V	Oman Holy Quran	27500
3.820	V	Oman Radio	27500
3.820	V	Qatar Radio	27500
3.820	V	Radio Omdurman Holy	27500
3.820	V	Radio Quran	27500
3.820	V	Saudi Radio 1	27500
3.820	V	Sharjah FM	27500
3.820	V	Sudan Radio	27500
3.820	V	Voice of people	27500
3.820	V	Voice of Youth	27500
3.820	V	Yemen Radio 1	27500
3.820	V	Yemen Radio 2	27500
3.880	H	E! Asia	27500
3.880	H	The Style Network As	27500
3.906	H	Reuters WNS	4000
3.960	H	TRACE TV	27500
3.960	H	VISION2	27500
3.960	H	Cancao Nova	27500
3.960	H	DAYSTAR TV	27500
3.960	H	EURONEWS-AFRICA	27500
3.960	H	RECORD INTERNATIO	27500
3.960	H	Supreme Master TV	27500
3.980	V	511	28100
3.980	V	702 STAR PLUS	28100
3.980	V	704 STAR Movies	28100
3.980	V	707 STAR GOLD	28100
3.980	V	736 Adventure	28100
3.980	V	737 Adventure	28100
3.980	V	741 History/Adventur	28100
3.980	V	751 Star World India	28100
3.980	V	752 Channel [V] Indi	28100
3.980	V	754 STAR Plus Paki	28100
3.980	V	777 STAR One India	28100
3.980	V	800 Vijay India	28

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
4.140	V	ZEE GUJRATI	27500
4.140	V	ZEE MARATHI	27500
4.140	V	ZEE PUNJABI	27500
4.140	V	ZEE NEWS	27500
4.140	V	ZEE TV - NEW	27500
4.140	V	ZEE MUSIC	27500
4.140	V	ZEE SMILE	27500
4.180	V	AAG	26666
4.180	V	AAG INTL	26666
4.180	V	FEED 1	26666
4.180	V	FEED 2	26666
4.180	V	GEO	26666
4.180	V	GEO ENT B	26666
4.180	V	GEO ENT U	26666
4.180	V	GEO ME	26666
4.180	V	GEO NEWS INTL	26666
4.180	V	GEO SUPER	26666
4.180	V	GEO NEWS	26666

ASIASAT 3S
105.5 East

ASI03SSA

Freq	Pol	Channel Name	Symbol rate
12.351	V	IRIB AMOOZESH	30000
12.351	V	IRIB QURAN	30000
12.351	V	IRIB3	30000
12.351	V	IRIBAMOOZESH	30000
12.351	V	IRIBQURAN	30000
12.351	V	IRIBTV1	30000
12.351	V	IRIBTV2	30000
12.351	V	IRIBTV3	30000
12.351	V	IRIBTV4	30000
12.351	V	IRIBTV5	30000
12.351	V	IRINN	30000
12.351	V	PRESS TV	30000
12.351	V	SAHAR	30000
12.351	V	ASHNA 2	30000
12.351	V	RADIO MAAREF	30000
12.351	V	RADIO FARHANG	30000
12.351	V	RADIO IRAN	30000
12.351	V	RADIO JAVAN	30000
12.351	V	RADIO MAAREF	30000
12.351	V	RADIO PAYAM	30000
12.351	V	RADIO QURAN	30000
12.351	V	RADIO VARZESH	30000
12.351	V	SEDAYEASHNA 3	30000
12.377	V	IRIB TABAN	3100
12.381	V	HAMOON	3100
12.464	V	Noor TV	3100
12.468	V	TAMADON TV	2900
12.676	V	ESHRAGH	3100
12.683	V	IRIB KERMAN	5800
12.683	V	IRIB KHALIJEFARS	5800
12.683	V	RADIO BANDARABAS	5800
12.683	V	RADIO KERMAN	5800

CAKRAWARTA 1
107.7 East

CAK001SB

Freq	Pol	Channel Name	Symbol rate
2.535	H	Animax	20000
2.535	H	BBC Knowledge	20000
2.535	H	Celestial Movies	20000
2.535	H	Channel [V]	20000
2.535	H	Disc. Travel & Livin	20000
2.535	H	ESPN	20000
2.535	H	FoxCrime	20000
2.535	H	Indosiar	20000
2.535	H	MNC Music Channel	20000
2.535	H	NGC	20000
2.535	H	RCTI	20000
2.535	H	STAR World	20000
2.535	H	Universal Channel	20000
2.535	H	BBC World Service	20000
2.535	H	Radio Kis FM	20000
2.535	H	Radio Woman	20000
2.535	H	RadioNet Mandiri	20000
2.565	H	Australia Network	20000
2.565	H	Cartoon Network	20000
2.565	H	Cbeebies	20000
2.565	H	Channel NewsAsia	20000
2.565	H	Disney	20000
2.565	H	KBS World	20000
2.565	H	Nickelodeon	20000
2.565	H	OKE Nusantara	20000
2.565	H	Playhouse Disney	20000
2.565	H	Quick Channel	20000
2.565	H	Swara	20000
2.565	H	TBN/U Chnl Trial	20000
2.565	H	TVRI	20000
2.565	H	Vision3 Baby	20000
2.595	H	Australia Network	20000
2.595	H	AXN	20000
2.595	H	BBC World	20000
2.595	H	Cartoon Network	20000
2.595	H	Cbeebies	20000
2.595	H	Channel NewsAsia	20000
2.595	H	CNBC Asia	20000
2.595	H	CNNI	20000
2.595	H	Discovery	20000
2.595	H	Disney	20000
2.595	H	Eurosport	20000
2.595	H	Hallmark	20000
2.595	H	HBO	20000
2.595	H	HBO Signature	20000
2.595	H	KBS World	20000
2.595	H	MNC Nusantara	20000
2.595	H	NHK	20000
2.595	H	Nickelodeon	20000
2.595	H	Playhouse Disney	20000
2.595	H	Quick Channel	20000
2.595	H	Stock Watch	20000
2.595	H	Swara	20000
2.595	H	TBN/U Chnl Trial	20000
2.595	H	TVRI	20000
2.595	H	Vision1 Sports	20000
2.595	H	Vision2 Drama	20000
2.595	H	Vision3 Baby	20000
2.595	H	Radio ARH Global	20000
2.595	H	Radio LITE FM	20000
2.595	H	Radio Mustang	20000
2.595	H	Radio PAS FM	20000
2.595	H	Radio Pelita Kasih	20000
2.595	H	Radio SMART FM	20000
2.595	H	Radio Trijaya	20000
2.625	H	AFC	20000
2.625	H	Animal Planet	20000
2.625	H	ANTV	20000
2.625	H	Cinemax	20000
2.625	H	E!	20000
2.625	H	FEED 1	20000
2.625	H	Ginx	20000
2.625	H	Max Bollywood	20000
2.625	H	STAR Movies	20000
2.625	H	STAR Sports	20000
2.625	H	Test Channel	20000
2.625	H	Trans 7	20000
2.625	H	MTV Asia	20000
2.625	H	Radio Australia	20000
2.625	H	Radio Dangdut TPI	20000
2.625	H	Radio Sonora	20000
2.625	H	Voice of America	20000
2.655	H	Al Jazeera Int'l	15000
2.655	H	Fashion TV	15000
2.655	H	Global TV	15000
2.655	H	Metro TV	15000
2.655	H	MNC Ent.	15000
2.655	H	MNC News	15000
2.655	H	SCTV	15000
2.655	H	TPI	15000
2.655	H	Trans TV	15000
2.655	H	Vision1 Sports	15000
2.655	H	Radio Hard Rock FM	15000
2.655	H	Radio I-Radio FM	15000
2.655	H	Radio RFI	15000
2.655	H	Radio Trax FM	15000

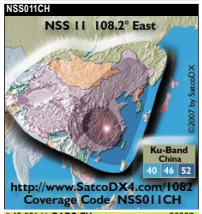
C-Band: TELKOM 1
108.0 East

TEK001CB

Freq	Pol	Channel Name	Symbol rate
3.776	H	RADIO TELEVISAO T	4285
3.797	H	JAYAPURA'TV_PAPUA	3900
3.807	H	tve2 -pusteko	4000
3.990	H	TV7-Network	6000
4.015	H	RO BANDA ACEH	6000
4.085	H	TransTV_Test1	6000
4.092	H	Papua TV	3570
4.097	H	JTV-REK	3125
3.580	H	Animal Planet	28000
3.580	H	Cartoon N'work	28000
3.580	H	Cinemax	28000
3.580	H	CNBC	28000
3.580	H	CNN Intl	28000
3.580	H	Discovery	28000
3.580	H	ESPN	28000
3.580	H	Formosa TV	28000
3.580	H	HBO	28000
3.580	H	MTV Asia	28000
3.580	H	Nat Geo	28000
3.580	H	NHK	28000
3.580	H	Nickleodeon	28000
3.580	H	Star Movies	28000
3.580	H	Star Sports	28000
3.580	H	Star World	28000
3.620	H	Animax	28000
3.620	H	Asian Food Ch	28000
3.620	H	AXN	28000
3.620	H	BBC World	28000
3.620	H	Celestial	28000
3.620	H	Disc T&L	28000
3.620	H	Disc Turbo	28000
3.620	H	Disney Channel	28000
3.620	H	E! Ent	28000
3.620	H	Fashion TV	28000
3.620	H	Hallmark	28000
3.620	H	HBO Signature	28000
3.620	H	Ten Sport	28000
3.620	H	TVOne	28000
3.620	H	TELVIS 1	28000
3.620	H	TELVIS 2	28000
3.620	H	Radio 2	28000
3.640	V	ANTV	28000
3.640	V	Australian Net	28000
3.640	V	Indosiar	28000
3.640	V	Metro TV	28000
3.640	V	MGM	28000
3.640	V	NG Adventure	28000
3.640	V	RCTI	28000
3.640	V	SC Entertain	28000
3.640	V	SC Musik	28000
3.640	V	SC News	28000
3.640	V	SCTV	28000
3.640	V	Spacetoon	28000
3.640	V	TPI	28000
3.640	V	Trans 7	28000
3.640	V	Trans TV	28000
3.640	V	Home Shopping	28000
3.641	V	ANTV	28000
3.641	V	Australian Net	28000
3.641	V	Indosiar	28000
3.641	V	Metro TV	28000
3.641	V	MGM	28000
3.641	V	NG Adventure	28000
3.641	V	RCTI	28000
3.641	V	SC Entertain	28000
3.641	V	SC Musik	28000
3.641	V	SC News	28000
3.641	V	SCTV	28000
3.641	V	Spacetoon	28000
3.641	V	TPI	28000
3.641	V	Trans 7	28000
3.641	V	Trans TV	28000
3.641	V	Home Shopping	28000
4.130	V	RRI.Pro2	2100
4.168	V	JAYAPURA'TV_PAPUA	6871

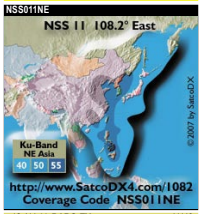
China
NSS 11
108.2 East

NSS011CH



Freq	Pol	Channel Name	Symbol rate
12.531	V	BARO-TV	26667
12.531	V		26667
12.531	V		26667
12.531	V	LGCC	26667
12.531	V		26667
12.531	V		26667
12.531	V		26667
12.531	V		26667
12.531	V		26667
12.531	V		26667
12.531	V		26667
12.531	V	ZAMJARI 1	26667
12.531	V	ZAMJARI 2	26667
12.531	V		26667
12.531	V		26667
12.531	V		26667
12.531	V	JBS	26667
12.611	V		26667
12.611	V		26667
12.611	V		26667
12.611	V		26667
12.611	V		26667
12.611	V		26667
12.611	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667
12.689	V		26667

NSS011NE



Freq	Pol	Channel Name	Symbol rate
12.411	V	BARO-TV	11110
12.411	V	JBS	11110
12.411	V	LGCC	11110
12.411	V	ZAMJARI 1	11110
12.411	V	ZAMJARI 2	11110
12.511	H	ABS-CBN	28100
12.511	H	BTV	28100
12.511	H	C/S 9	28100
12.511	H	C/S Origin	28100
12.511	H	CNN	28100
12.511	H	Disney	28100
12.511	H	Net 25	28100
12.511	H	PBO	28100
12.511	H	PTV 4	28100
12.511	H	QTV 11	28100
12.511	H	Sony Entertainment	28100
12.511	H	Viva Cinema	28100
12.511	H	DZBB	28100
12.511	H	DZMM 630	28100
12.511	H	DZRH 666	28100
12.511	H	Love Radio 90.7	28100
12.511	H	LS 97.1	28100
12.511	H	Magic 89.9	28100
12.511	H	RXFM 93.1	28100
12.511	H	XFM 92.3	28100
12.551	H	Animax	28100
12.551	H	AXN	28100
12.551	H	Cartoon Network	28100
12.551	H	DZRH Teleradyo	28100
12.551	H	ETC 21	28100
12.551	H	GMA 7	28100
12.551	H	Playhouse Disney	28100
12.551	H	Solar Sports	28100
12.551	H	Star Movies	28100
12.551	H	Studio 23	28100
12.551	H	PPV	28100
12.551	H	TV 5	28100
12.689	V		26656
12.689	V		26656
12.689	V		26656
12.689	V		26656
12.689	V		26656
12.689	V		26656
12.689	V		26656
12.689	V		26656
12.689	V		26656

N-SAT 110
110.1 East

JCS110KB

Freq	Pol	Channel Name	Symbol rate
12.291	R	Plat One Promo	
12.291	R	60s/70s Rock & Pops	
12.291	R	80s/90s Rock & Pops	
12.291	R	Beatles	
12.291	R	Borderless	
12.291	R	C&W	
12.291	R	Cafés Sound	
12.291	R	Fusion	
12.291	R	Healing	
12.291	R	J-Pop Classic	
12.291	R	J-Pop Hits	
12.291	R	Kids	
12.291	R	Latin	
12.291	R	Nippon Song	
12.291	R	R&B Soul	
12.291	R	Right Classic	
12.291	R	Rock & Pops Best Hit	
12.291	R	Soundteria	
12.291	R	Soundtrack	
12.291	R	Strings	
12.291	R	Swing	
12.331	R	Cartoon Network Japa	
12.331	R	Fighting TV Samurai!	
12.331	R	Fox Channel	
12.331	R	Space Shower TV	
12.331	R	Sky Perfect TV Promo	
12.371	R	AXN Japan	
12.371	R	Channel Neco	
12.371	R	Cinefil Imagica	
12.371	R	Eisei Gekijo	
12.371	R	Nihon Eiga	
12.371	R	Super Channel	
12.371	R	Toei Channel	
12.411	R	EP 56	
12.411	R	EP Promo	
12.451	R	BBTV	
12.451	R	Belmeson TV	
12.451	R	Wowow PPV1	
12.451	R	Wowow PPV2	
12.451	R	Wowow PPV3	
12.451	R	Wowow PPV4	
12.491	R	Asahi NewStar	
12.491	R	BBC World	
12.491	R	CNN International As	
12.491	R	Comin' Soon TV	
12.491	R	FavoriTV	
12.491	R	MTV Japan	
12.491	R	The Golf Channel	
12.531	R	J Sky Sports 1	
12.531	R	J Sky Sports 2	
12.531	R	J Sky Sports 3	
12.531	R	Sky A	
12.531	R	Sports-i ESPN	
12.531	R	Active! Sports Chann	
12.551	L	U-One TV	29915
12.551	L	SCC Promo	29915
12.571	R	ATX	
12.571	R	CSN 1 Movie Channel	
12.571	R	Takarazuka Sky Stage	
12.571	R	The History Channel	
12.571	R	Takarazuka Sky Stage	
12.611	R	Golf Network	
12.611	R	LaLa TV	
12.611	R	Nikkei CNBC	
12.611	R	Shop Channel	
12.651	R	Animal Planet Japan	
12.651	R	Animax	
12.651	R	Discovery Channel Ja	
12.651	R	Fuji TV 721	
12.651	R	Fuji TV 739	
12.691	R	Family Gekijyo	
12.691	R	Kids Station	
12.691	R	TBS Channel	
12.691	R	Viewsic	
12.691	R	C-TBS Welcome Chan	
12.691	R	QVC Japan	
12.730	R	Bloomberg TV Japan	
12.730	R	Data College	
12.730	R	DPSTV	
12.730	R	G + Sport&News	
12.730	R	Music Japan TV	
12.730	R	NNN 24	
12.730	R	Science Channel	

C-Band: PALAPA C2
112.9 East

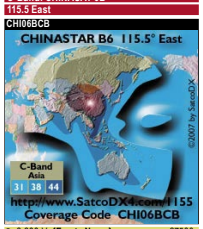
Freq	Pol	Channel Name	Symbol rate
3.774	H	rcti	6520
3.774	H	rcti2	6520
3.774	H	Trijaya Network	6520
4.000	H	PT SCTV IDJKT	6620
4.053	V	ANTEVE	6510
4.054	H	ASIALINK	5632
4.056	V	ANTEVE	6510
4.080	H	CH10	28125
4.080	H	CH11	28125
4.080	H	CH3	28125
4.080	H	CH6	28125
4.080	H	CH7	28125
4.080	H	Global TV	28125
4.080	H	MetroTV	28125
4.080	H	NHK	28125
4.080	H	Spacetoon	28125
4.080	H	tBH	28125
4.080	H	Antero	28125
4.080	H	BBC	28125
4.080	H	Delta FM1	28125
4.080	H	Delta2 FM	28125
4.080	H	POP FM	28125
4.080	H	Pro2 FM	28125
4.107	V	K-TV	3000
4.185	V	TPI TV Makin Asyik	6700
4.185	V	R.DANGDUT TPI	6700
3.757	H	PT SCTV IDJKT	4470

KOREASAT 5
113.1 East

Freq	Pol	Channel Name	Symbol rate
12.458	H	DIGITAL SNG	3072
12.578	H	EEC SAT HUB1	5230
12.601	V	FGTV SAT	3700
12.731	H	FSTV	28187
12.731	H	SANG S TV	28187
12.731	H	SkyCast 06	28187
12.731	H	SkyCast 11	28187
12.731	H	SkyCast 12	28187
12.731	H	SkyCast 2	28187
12.731	H	SkyCast 4	28187
12.731	H	SkyCast 07	28187
12.731	H	SkyCast 08	28187
12.731	H	SkyCast 09	28187
12.731	H	SkyCast 1	28187
12.731	H	SkyCast 10	28187

C-Band: CHINASAT 6B
115.5 East

CHI06BCB



Freq	Pol	Channel Name	Symbol rate
3.600	V	{Empty Name}	27500
3.706	H	FujianRadio1	4420
3.706	H	FujianTV1	4420
3.730	H	PhoC	10720
3.730	H	Phol	10720
3.730	H	PhoM	10720
3.740	V	HD	27500
3.740	V	CHC	27500
3.740	V	CMC	27500
3.740	V	MOTION	27500
3.750	H	hnstv	10490
3.750	H	jykaton	10490
3.750	H	hnjj	10490
3.750	H	hnjt	10490
3.750	H	hnwy	10490
3.750	H	hnxw	10490
3.750	H	{Empty Name}	10490
3.771	H	CCTV E	9375
3.771	H	CCTV F	9375
3.771	H	CCTV-4	9375
3.771	H	CCTV-9	9375
3.780	V	DONGMAM1	27500
3.780	V	ENGLISH	27500
3.780	V	FOOD	27500
3.780	V	FOOTBALL1	27500
3.780	V	PinYu	27500
3.780	V	QiPai	27500
3.780	V	YINGXIANGSHIJIE	27500
3.786	H	sichuan	5440
3.786	H	scgb1	5440
3.786	H	scgb2	5440
3.786	H	scgb3	5440
3.786	H	scgb4	5440
3.786	H	scgb5	5440
3.786	H	scgb6	5440
3.786	H	scgb7	5440
3.796	H	GZTV	6930
3.796	H	GZ-DSGB	6930
3.796	H	GZ-JJGB	6930
3.796	H	GZ-JTGB	6930
3.796	H	GZ-XWZHGB	6930
3.796	H	GZ-YYGB	6930
3.796	H	XWTB	6930
3.807	V	CQTV	6000
3.807	V	Audio7	6000
3.807	V	Audio8	6000
3.807	V	Dushi	6000
3.807	V	Gushi	6000
3.807	V	Jiaotong	6000
3.807	V	Jingji	6000
3.807	V	Xinwen	6000
3.807	V	Yinyue	6000
3.808	H	OTV6	8800
3.808	H	SBN	8800
3.825	V	ZJTV	6780
3.825	V	ZJBC1	6780
3.825	V	ZJBC2	6780
3.825	V	ZJBC3	6780
3.825	V	ZJBC4	6780
3.825	V	ZJBC5	6780
3.825	V	ZJBC6	6780
3.825	V	ZJBC7	6780
3.825	V	ZJBC8	6780
3.834	V	ShanDongTV	5400
3.834	V	SDJiaoTong	5400
3.834	V	SDJingJi	5400
3.834	V	SDRenMin	5400
3.834	V	SDShengHuo	5400
3.834	V	SDWenYi	5400
3.834	V	SDXiangCun	5400
3.840	H	CCTV-1	27500
3.840	H	CCTV-10	27500
3.840	H	CCTV-11	27500
3.840	H	CCTV-12	27500
3.840	H	CCTV-2	27500
3.840	H	CCTV-7	27500
3.840	H	CCTV-MUSIC	27500
3.846	V	SHANXI TV	5950
3.854	V	Henan TV	4420
3.854	V	HN Radio1	4420
3.854	V	HN Radio2	4420
3.854	V	HN Radio4	4420
3.854	V	HN Radio5	4420
3.861	V	Ningxia TV	4800
3.861	V	Ningxia Radio	4800
3.871	V	NLTV	9080
3.871	V	SXTVS	9080
3.871	V	SX-DuShi-BC	9080
3.871	V	SX-JiaoTong-BC	9080
3.871	V	SX-JingJi-BC	9080
3.871	V	SX-NC/GS-BC	9080
3.871	V	SX-ShaoEr-BC	9080
3.871	V	SX-XinWen-BC	9080
3.871	V	SX-XiQu-BC	9080
3.871	V	SX-YinYue-BC	9080
3.880	H	CCTV-3	27500
3.880	H	CCTV-5	27500
3.880	H	CCTV-6	27500
3.880	H	CCTV-8	27500
3.880	H	CCTV-新闻	27500
3.880	H	CCTV-少儿	27500
3.885	V	SDETV	4340
3.892	V	JXTV1	4420
3.892	V	JXTV2	4420
3.892	V	JXTV3	4420
3.892	V	JXTV4	4420
3.900	V	JSTV	6670
3.900	V	Audio01	6670
3.900	V	Audio02	6670
3.900	V	Audio03	6670
3.900	V	Audio04	6670
3.900	V	Audio05	6670
3.900	V	Audio06	6670
3.900	V	Audio07	6670
3.900	V	Audio08	6670
3.900	V	Audio09	6670
3.900	V	Audio10	6670
3.910	V	GSTV	6400
3.910	V	GSBC1	6400
3.910	V	GSBC2	6400
3.910	V	GSBC3	6400
3.929	V	Ahtv Service	8835
3.929	V	Ahradio Service	8835
3.940	V	Tianjin TV	5950
3.940	V	TJBINHAI	5950
3.940	V	TJQUXIAN	5950
3.940	V	TJWENYI	5950
3.940	V	TJXINWEN	5950
3.940	V	TJZONGHE	5950
3.950	H	Guangdong 1	11400
3.950	H	GXTV	11400
3.950	H	SZTV	11400
3.951	V	BEIJING KAKU	9525
3.951	V	BEIJING TV	9525
3.980	V	城市频道	27500
3.980	V	发现之旅	27500
3.980	V	环球奇观	27500
3.980	V	老故事	27500
3.980	V	女性时尚	27500
3.980	V	书画	27500
3.980	V	现代女性	27500
3.980	V	育婴宝典	27500
3.980	V	中视购物	27500
3.980	V	中小学同步辅导	27500
4.000	H	CETV1	27500
4.020	V	百姓健康	27500
4.020	V	彩民在线	27500
4.020	V	高尔夫	27500
4.020	V	快乐购物	27500
4.020	V	老年福	27500
4.020	V	摄影频道	27500
4.020	V	武术世界	27500
4.020	V	英语辅导	27500
4.020	V	早期教育	27500
4.040	H	东方财经	27500
4.040	H	东方健康	27500
4.040	H	动漫秀场	27500
4.040	H	动感体育	27500
4.040	H	全纪实	27500
4.040	H	幸福彩	27500
4.040	H	游戏风云	27500
4.040	H	Ó×¶ù½Ìóý	27500
4.040	H	爱乐频率	27500
4.060	V	央视精品	27500
4.060	V	第一剧场	27500
4.060	V	风云剧场	27500
4.060	V	风云音乐	27500
4.060	V	风云足球	27500
4.060	V	高尔夫网球	27500
4.060	V	国防军事	27500
4.060	V	怀旧剧场	27500
4.060	V	世界地理	27500
4.060	V	电视指南	27500
4.080	H	都市剧场	27500
4.080	H	法治天地	27500
4.080	H	欢笑剧场	27500
4.080	H	极速汽车	27500
4.080	H	金色频道	27500
4.080	H	七彩戏剧	27500
4.080	H	生活时尚	27500
4.080	H	说文解字	27500
4.080	H	魅力音乐	27500
4.100	V	CCTV-HD	27500
4.110	H	东方卫视海外版	13300
4.110	H	美食天府	13300
4.110	H	玩具益智	13300
4.110	H	文物宝库	13300
4.110	H	武术世界	13300
4.140	V	DV生活	27500
4.140	V	梨园	27500
4.140	V	留学世界	27500
4.140	V	汽摩	27500
4.140	V	青年学苑	27500
4.140	V	天元围棋	27500
4.140	V	先锋纪录	27500
4.140	V	游戏竞技	27500
4.140	V	孕育指南	27500
4.140	V	靓妆	27500
4.147	H	HubeiTV	6150
4.147	H	hubei1	6150
4.147	H	hubei2	6150
4.147	H	hubei3	6150
4.147	H	hubei4	6150
4.147	H	hubei5	6150
4.147	H	hubei6	6150
4.147	H	hubei7	6150
4.147	H	hubei8	6150
4.147	H	hubei9	6150
4.158	H	CHINIC 10K101	8680
4.158	H	DVT	8680
4.158	H	EncoMux1	8680
4.158	H	EncoMux2	8680
4.171	H	NMTV-H	9200
4.171	H	NMTV-M	9200
4.175	V	DJY	18000
4.175	V	GJL11R12	18000
4.175	V	GJL13R14	18000
4.175	V	GJL15R16	18000
4.175	V	GJL17R18	18000
4.175	V	GJL19R20	18000
4.175	V	GJL1R2	18000
4.175	V	GJL21R22	18000
4.175	V	GJL23R24	18000
4.175	V	GJL25R26	18000
4.175	V	GJL27R28	18000
4.175	V	GJL29R30	18000
4.175	V	GJL31R32	18000
4.175	V	GJL33R34	18000
4.175	V	GJL35R36	18000
4.175	V	GJL37R38	18000
4.175	V	GJL39R40	18000
4.175	V	GJL3R4	18000
4.175	V	GJL5R6	18000
4.175	V	GJL7R8	18000
4.175	V	GJL9R10	18000
4.175	V	GJ41 ste	18000
4.175	V	GJ42 ste	18000
4.175	V	GJ43 ste	18000
4.175	V	GJ44 ste	18000
4.175	V	GJ45	18000
4.175	V	GJ46	18000
4.175	V	GJ47	18000
4.175	V	GJ48	18000
4.175	V	GJ49	18000
4.175	V	GJ50 ste	18000
4.175	V	ZY1 stereo	18000
4.175	V	ZY10 stereo	18000
4.175	V	ZY11 stereo	18000
4.175	V	ZY12 stereo	18000
4.175	V	Z

Freq	Pol	Channel Name	Symbol rate
12.628	V	Computer Music	21096
12.628	V	Country	21096
12.628	V	D-Navi Station	21096
12.628	V	Disco Collection	21096
12.628	V	East Japan Best Hits	21096
12.628	V	Enka Karaoke	21096
12.628	V	Eurobeat	21096
12.628	V	Folk & New Music	21096
12.628	V	Foreign Karaoke	21096
12.628	V	Group Sounds	21096
12.628	V	Hard Rock & Metal	21096
12.628	V	Hip Hop	21096
12.628	V	Inter FM Tokyo	21096
12.628	V	J-Anime & SFX Song	21096
12.628	V	J-Groove Special	21096
12.628	V	J-Idol & Voice Idol	21096
12.628	V	J-Pop	21096
12.628	V	J-Pop 19xx	21096
12.628	V	J-Pop 70's Hits	21096
12.628	V	J-Pop 70's&80's Albu	21096
12.628	V	J-Pop 80's Hits	21096
12.628	V	J-Pop 90's Album	21096
12.628	V	J-Pop 90's Hits	21096
12.628	V	J-Pop Artist Special	21096
12.628	V	J-Pop Artist Special	21096
12.628	V	J-Pop Artist Special	21096
12.628	V	J-Pop Ballads	21096
12.628	V	J-Pop Compilation	21096
12.628	V	J-Pop Dam Hits	21096
12.628	V	J-Pop Hit Album	21096
12.628	V	J-Pop Indies	21096
12.628	V	J-Pop Karaoke	21096
12.628	V	J-Pop New Album Pops	21096
12.628	V	J-Pop New Album Reco	21096
12.628	V	J-Pop New Album Rock	21096
12.628	V	J-Pop New Single	21096
12.628	V	J-Pop Single Chart	21096
12.628	V	J-Pop Single Hits	21096
12.628	V	J-Pop Special	21096
12.628	V	J-Soundtrack	21096
12.628	V	Jazz Artist Special	21096
12.628	V	Jazz Artist Special	21096
12.628	V	Jazz Contemporary	21096
12.628	V	Jazz Fusion	21096
12.628	V	Jazz Mainstream	21096
12.628	V	Jazz New Album	21096
12.628	V	Jazz Swing	21096
12.628	V	Jazz Vocal	21096
12.628	V	JBC	21096
12.628	V	Kayo 19xx	21096
12.628	V	Kayo 60's Hits	21096
12.628	V	Kayo Artist Special	21096
12.628	V	Kayo Classics	21096
12.628	V	Kayo Compilation	21096
12.628	V	Kayo Dam Hits	21096
12.628	V	Kayo Hit Chart	21096
12.628	V	Kids	21096
12.628	V	Korean Pop	21096
12.628	V	Korean Songs	21096
12.628	V	Latin	21096
12.628	V	Minyo&Talk	21096
12.628	V	Okinawa Music	21096
12.628	V	Oldies	21096
12.628	V	R&B & Soul	21096
12.628	V	Reggae	21096
12.628	V	Rock Alternative	21096
12.628	V	Rock/Pops 19xx	21096
12.628	V	Rock/Pops Artist S	21096
12.628	V	Rock/Pops Artist S	21096
12.628	V	Rock/Pops Classics 7	21096
12.628	V	Rock/Pops Classics 9	21096
12.628	V	Rock/Pops Compilatio	21096
12.628	V	Rock/Pops Gold Album	21096
12.628	V	Rock/Pops Hit Chart	21096
12.628	V	Rock/Pops New Album	21096
12.628	V	Rock/Pops New Single	21096
12.628	V	Rock/Pops Single Hit	21096
12.628	V	Shibuya FM	21096
12.628	V	West Japan Best Hits	21096
12.643	H	BBC World	21096
12.643	H	G+ Sport & News	21096
12.643	H	Kids Station	21096
12.643	H	Speed Channel 5	21096
12.643	H	Sports-i ESPN	21096
12.643	H	Better Life Channel	21096
12.643	H	Rakuten Shopping	21096
12.643	H	Rakuten Shopping Cha	21096
12.658	V	Power Plat	21096
12.658	V	Power Plats PPV	21096
12.658	V	Club Sukapal TV	21096
12.673	H	Dento Bunka Housou	21096
12.673	H	Eisei Gekijo	21096
12.673	H	Home Drama Channel	21096
12.673	H	Power Movie Plus 1	21096
12.673	H	Power Movie Plus 2	21096
12.673	H	Power Movie Plus 4	21096
12.673	H	Power Plat	21096
12.688	V	Channel Neco	21096
12.688	V	Cinefil Imagica	21096
12.688	V	Foodies TV	21096
12.688	V	Music Air Networks	21096
12.688	V	Nikkei CNBC	21096
12.688	V	Speed Ch 4	21096
12.688	V	Theater TV	21096
12.688	V	V Theater 135	21096
12.703	H	IPC Brasil	21096
12.703	H	IPC Latin America	21096
12.703	H	Korea Now TV	21096
12.703	H	Midnight Blue	21096
12.703	H	Speed Channel 3	21096
12.703	H	Mall of TV	21096
12.703	H	Digital J-Wave	21096
12.718	V	Japan Leisure Channe	21096
12.718	V	Perfect Choice	21096
12.718	V	Power Plats PPV	21096
12.718	V	Star Channel 2	21096
12.718	V	Star Channel 3	21096
12.718	V	Toshin School D1	21096

C-Band: JCSAT 3

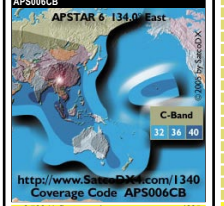
128.1 East

Freq	Pol	Channel Name	Symbol rate
3.960	V	AZIO	30000
3.960	V	CTI-I	30000
3.960	V	ERA News	30000
3.960	V	MUCH TV	30000
3.960	V	PILI	30000
3.960	V	Taiwan Music	30000
3.960	V	Z	30000
3.960	V	Z2	30000
3.960	V	AD-HOC	30000
3.960	V	BLTV-I	30000
3.960	V	GOOD2	30000
3.960	V	01_US New Songs & Ch	30000
3.960	V	02_US Popular Songs	30000
3.960	V	03_Sweet Love Songs	30000
3.960	V	04_50&60 Popular Hit	30000
3.960	V	05_R&B	30000
3.960	V	06_HIPHOP	30000
3.960	V	07_Party Music	30000
3.960	V	08_Rock Music	30000
3.960	V	09_Jazz Vocal	30000
3.960	V	10_Jazz Main Stream	30000
3.960	V	11_Lounge	30000
3.960	V	12_Enka	30000
3.960	V	13_Japanese Popular	30000
3.960	V	14_J&T Station	30000
3.960	V	15_Bossa Nova	30000
3.960	V	16_Classical	30000
3.960	V	17_Piano Easy Listen	30000
3.960	V	18_Crystal Music	30000
3.960	V	19_Soft Hearing	30000
3.960	V	20_Season Music	30000
3.960	V	21_Old Deck	30000
3.960	V	22_Chinese Best Sell	30000
3.960	V	23_Chinese Soft Song	30000
3.960	V	24_Chinese Classical	30000
3.960	V	25_Children Music	30000
3.960	V	26_Easy Listening	30000
3.960	V	27_Birthday Songs	30000
3.960	V	28_Wedding & Goodbye	30000
3.960	V	29_Sweet Love Channe	30000
3.960	V	30_POP Music	30000
3.960	V	31_3375	30000
3.960	V	32_Napoli	30000
3.960	V	33_KFC	30000
3.960	V	34_Audrey	30000
3.960	V	35_KF	30000
3.960	V	36_Crstal & Piano Mu	30000
3.960	V	37_Fashion Music	30000
3.960	V	38_Soft Music	30000
3.960	V	39_KG	30000
3.960	V	40_Asia Radio	30000
4.000	V	CTINews	30000
4.000	V	ERA-E	30000
4.000	V	ETNews	30000
4.000	V	JET_I	30000
4.000	V	MEGA	30000
4.000	V	MTV	30000
4.000	V	PTV-2	30000
4.000	V	PTV-3	30000
4.000	V	STV	30000
4.000	V	UBN	30000
4.000	V	UBNNews	30000
4.000	V	DAAI	30000
4.000	V	MAC_TV	30000
4.000	V	Data1	30000
4.000	V	UFO	30000
4.056	V	{Empty Name}	3330
4.120	V	C9_04	30000
4.120	V	EBC Financial News	30000
4.120	V	ET Movie	30000
4.120	V	ET Variety	30000
4.120	V	SET-29	30000
4.120	V	SET-30	30000
4.120	V	SET-54	30000
4.120	V	SET-I	30000
4.120	V	C9_11	30000
4.120	V	C9_12	30000
4.120	V	FTV	30000
4.120	V	FTVN	30000

C-Band: APSTAR 6

134.0 East

APS006CB



Freq	Pol	Channel Name	Symbol rate
3.766	H	first_service	4285
3.773	H	{Empty Name}	5630
3.840	H	Media Bridge	27500
3.840	H	Test	27500
3.840	H	EASTV	27500
3.904	H	TVN-1	3250

Asia

APSTAR 6

134.1 East

APS005K2

Freq	Pol	Channel Name	Symbol rate
12.275	V	CCTV-1	27500
12.275	V	CCTV-10	27500
12.275	V	CCTV-11	27500
12.275	V	CCTV-12	27500
12.275	V	CCTV-2	27500
12.275	V	CCTV-5	27500
12.275	V	CCTV-6	27500
12.275	V	CCTV-7	27500
12.275	V	CCTV-8	27500
12.275	V	CCTV-K	27500
12.275	V	CCTV-F	27500
12.275	V	CNR-1	27500
12.275	V	CNR-2	27500
12.275	V	CNR-3	27500
12.275	V	CNR-4	27500
12.275	V	CNR-5	27500
12.275	V	CNR-6	27500
12.275	V	CNR-7	27500
12.275	V	CRI	27500
12.302	V	GW L13R14	5992
12.302	V	GW L15R16	5990
12.302	V	GW L17R18	5990
12.302	V	GW L19R20	5990
12.302	V	GW L21R22	5992
12.302	V	GW L23R24	5992
12.302	V	GW L25R26	5992
12.302	V	GW L27R28	5992
12.302	V	GW L29R30	5992
12.302	V	GWL11R31	5990
12.302	V	K15 stero	5992
12.302	V	Lzh5 Rzh6	5990
12.302	V	Lzh8 Rdjy	5992
12.302	V	SW1 stero	5990
12.302	V	SW2 stero	5992
12.302	V	ZH1 stero	5992
12.302	V	ZH2 stero	5990
12.302	V	ZH3 stero	5990
12.302	V	ZH7 stero	5990
12.302	V	ZH7-2 stero	5990
12.355	V	CQTV	27500
12.355	V	GSTV	27500
12.355	V	GZTV	27500
12.355	V	HENTV	27500
12.355	V	HUNTV	27500
12.355	V	LIVE1	27500
12.355	V	NMTV	27500
12.355	V	QMTV	27500
12.355	V	SCTV	27500
12.355	V	SHXTV	27500
12.355	V	YNTV	27500
12.355	V	NMHR	27500
12.355	V	NMRR	27500
12.355	V	RAD_1	27500
12.355	V	RAD_2	27500
12.355	V	XJHR	27500
12.355	V	XJWR	27500
12.355	V	XZHR	27500
12.355	V	XZZR	27500
12.395	V	CETV-1	27500
12.395	V	CETV-2	27500
12.395	V	CETV-Sky	27500
12.435	V	AXN	27500
12.435	V	CIN	27500
12.435	V	CNBC	27500
12.435	V	CNN	27500
12.435	V	DIS	27500
12.435	V	ESPN	27500
12.435	V	HALL	27500
12.435	V	HBO	27500
12.435	V	NGC	27500
12.435	V	STAR1	27500
12.435	V	TEST-1	27500
12.515	V	BBC	27500
12.515	V	CELES	27500
12.515	V	CETV	27500
12.515	V	CNAI	27500
12.515	V	HOR	27500
12.515	V	NHK	27500
12.515	V	NOW	27500
12.515	V	PHOE1	27500
12.515	V	TEST-2	27500
12.515	V	TVB	27500
12.515	V	TVB8	27500
12.595	V	[V]	27500
12.595	V	BLOOM	27500
12.595	V	EUROS	27500
12.595	V	MAS	27500
12.595	V	MTV	27500
12.595	V	PHOEC	27500
12.595	V	PHOEN	27500
12.595	V	STARS	27500
12.595	V	TEST-3	27500
12.595	V	TV5	27500
12.595	V	XINGK	27500
12.675	V	CUBA	27500
12.675	V	EAST	27500
12.675	V	KBS	27500
12.675	V	SUN	27500

TELSTAR 18

138.0 East

Freq	Pol	Channel Name	Symbol rate
12.302	V	A1	30000
12.302	V	A10	30000
12.302	V	A11	30000
12.302	V	A12	30000
12.302	V	A13	30000
12.302	V	A14	30000
12.302	V	A2	30000
12.302	V	A3	30000
12.302	V	A4	30000
12.302	V	A5	30000
12.302	V	A6	30000
12.302	V	A7	30000
12.302	V	A8	30000
12.302	V	A9	30000
12.355	V	01-CCTV-1	43000
12.355	V	02-PHOENIX INFO	43000
12.355	V	03-PHOENIX CHANNE	43000
12.355	V	04-FASHION TV	43000
12.355	V	05-SUN TV	43000
12.355	V	06-MASTV	43000
12.355	V	07-ATV	43000
12.355	V	08-ATV	43000
12.355	V	09-TVBS	43000
12.355	V	10-TVB XINGHE	43000
12.355	V	11-TVBS	43000
12.355	V	12-TVBSG	43000
12.355	V	13-TVBSN	43000
12.355	V	14-UBNNEWS	43000
12.355	V	15-HALLLMARK CHAN	43000
12.355	V	16-ZHUJIANG	43000
12.355	V	17-CCTV-NEWS	43000
12.355	V	18-CMC	43000
12.355	V	19-CETV	43000
12.355	V	20-MTV	43000
12.355	V	21-CCTV-10	43000
12.355	V	22-LOVE TV	43000
12.355	V	23-CCTV	43000
12.355	V	24-CELESTIAL TV	43000
12.355	V	33-Channel TVBJ 3001	43000
12.605	H	DimSum Service	3600
12.690	H	HD Program	43200
12.690	H	BBC	43200
12.690	H	Education	43200
12.690	H	FTV	43200
12.690	H	MN TV10	43200
12.690	H	MN TV11	43200
12.690	H	MN TV12	43200
12.690	H	MN TV9	43200
12.690	H	MNB	43200
12.690	H	TV25	43200
12.690	H	TV5	43200
12.690	H	UBS	43200
12.690	H	TV9	43200

C-Band: TELSTAR 18

138.1 East

Freq	Pol	Channel Name	Symbol rate
3.599	V	13 中影電影台	30000
3.599	V	15 中視綜藝台	30000
3.599	V	16 時代戲劇台	30000
3.599	V	17 ETTV-N 東森新聞台	30000
3.599	V	18 ETTV-Asia 東森亞洲台	30000
3.599	V	19 TTV WORLD 台視國際	30000
3.599	V	20 JET日本台	30000
3.599	V	21 ETYoYo 東森幼幼美洲	30000
3.599	V	22 Test1	30000
3.599	V	23 Test2	30000
3.599	V	24 Test3	30000
3.599	V	25 Test4	30000
3.599	V	14 TZUCHI 慈濟大愛	30000
3.660	V	01 AtaTV華人商業TTV台	30000
3.660	V	02 CTV 中視	30000
3.660	V	03 CTS 華視	30000
3.660	V	04 FTV 民視	30000
3.660	V	05 FTVN 民視新聞	30000
3.660	V	06 Uplink 1	30000
3.660	V	07 得斯足球2台	30000
3.660	V	08 Uplink 3	30000
3.660	V	09 亞洲旅遊	30000
3.660	V	10 SETI 三立國際	30000
3.660	V	11 CTI-I中天亞洲台	30000
3.660	V	12 HollywoodMovie好萊塢	30000
4.124	V	BBC Arabic	3255
4.124	V	BBC English (E Asi	3255
4.124	V	BBC English (S Asi	3255
4.124	V	BBC English Aus NZ	3255
4.124	V	BBC English News	3255
4.124	V	BBC Mandarin	3255
4.124	V	BBC Pac Feed 1	3255
4.124	V	BBC Pac Feed 2	3255
4.124	V	BBC Pac Feed 3	3255
4.124	V	BBC Pac Feed 4	3255

EXPRESS AM3

140.0 East

EXPAM3KU

Freq	Pol	Channel Name	Symbol rate
10.981	V	5 Kanal Sibir	29812
10.981	V	Expert TV	29812
10.981	V	FNS	29812
10.981	V	MuzTV+Love	29812
10.981	V	RBC TV	29812
11.090	V	5 Kanal Sibir	4996
11.090	V	Expert TV	4996
11.090	V	FNS	4996
11.090	V	MuzTV+Love	4996
11.090	V	RBC TV	4996
11.104	V	Yakutia	5789
10.981	V	5 Kanal Sibir	29800
10.981	V	Expert TV	29800
10.981	V	FNS	29800
10.981	V	MuzTV+Love	29800
10.981	V	RBC TV	29800
11.104	V	Yakutia	5786
11.665	V	Animal Planet	39500
11.665	V	AXN Sci Fi	39500
11.665	V	Discovery Channel	39500
11.665	V	Discovery Travel & L	39500
11.665	V	Discovery World	39500
11.665	V	Extreme Sports	39500
11.665	V	Fox Crime	39500
11.665	V	Fox Life	39500
11.665	V	Kids Co	39500
11.665	V	National Geographic	39500
11.665	V	Ocean TV	39500
11.665	V	Universal	39500
11.665	V	Zee TV Russia	39500
11.665	V	Идеальный мир	39500
11.665	V	Киномания TB	39500
11.665	V	Любимое Кино	39500
11.665	V	Спорт	39500
11.665	V	Телекафе	39500
11.665	V	Феникс+Кино	39500
11.665	V	Discovery Science	39500
11.665	V	Эксперт TB	39500

C-Band: EXPRESS AM3

140.1 East

EXPAM3C6

Freq	Pol	Channel Name	Symbol rate
3.675	R	Dubl-1+RRD1	33470
3.675	R	Dubl-2+RRD2	33470
3.675	R	Orbita-1R+Mayak	33470
3.675	R	Orbita-2R+Yunost	33470
3.675	R	RTR Sport	33470
3.675	R	Kultura-1	33470
3.675	R	NTV+7	33470
3.675	R	TRK5_Sibir	33470
3.675	R	Data SMR_103	33470
3.675	R	Radio CH70	33470
3.675	R	Radio CH71	33470
3.675	R	Radio MayakO1	33470
3.675	R	Radio RossiD1	33470
3.675	R	Radio RossiD2	33470
3.675	R	Radio YunostO2	33470
3.675	R	Vesti-FM	33470

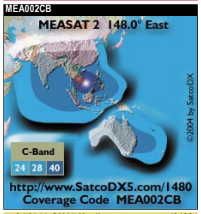
146.1 East

Freq	Pol	Channel Name	Symbol rate
3.791	V	CHANNEL 1	10091
3.791	V	CHANNEL 2	10091
3.791	V	CHANNEL 3	10091
3.791	V	CHANNEL 4	10091
3.808	V	Channel 11	3300
3.873	V	{Empty Name}	2532
3.875	H	NBN PHILIPPINES	3000
3.877	V	SONSHINE-TV ACQKB	2200
3.905	V	GLTV US	6400
3.905	V	International 1 - AC	6400
3.905	V	DZBB/Cue Tone	6400
3.915	V	GMA 7	6700
3.915	V	QTV 11	6700
4.165	V	FLTV NETWORK	3735
4.171	V	MTV PHILS&	3213
4.188	V	UNTV-37	2170

MEASAT 2

148.0 East

MEA002CB



Freq	Pol	Channel Name	Symbol rate
3.725	V	GMA7 Manila	13432
3.725	V	International 1	13432
3.725	V	International 1 - AC	13432
3.725	V	International 2	13432
3.725	V	QTV 11	13432
4.113	V	TV NATIN	2170
4.113	V	BEAT	2170
4.113	V	DZRH	2170
4.113	V	HOT FM	2170
4.113	V	KIDS FM	2170
4.113	V	LOVE	2170
4.113	V	RN	2170
4.113	V	YES FM	2170

MEA002KM

Freq	Pol	Channel Name	Symbol rate
11.537	H	AUSTRALIAN NW	35500
11.537	H	BIBI	35500
11.537	H	DISNEY	35500
11.537	H	GOALTV1	35500
11.537	H	GOALTV2	35500
11.537	H	HALLMARK	35500
11.537	H	HTV	35500
11.537	H	INFO-TV	35500
11.537	H	MTV ASIA	35500
11.537	H	THIEN ANH	35500
11.537	H	VCTV1	35500
11.537	H	VCTV2	35500
11.537	H	VCTV3	35500
11.537	H	VCTV4	35500
11.537	H	VCTV6	35500
11.537	H	VCTV7	35500
11.537	H	VTV1	35500
11.537	H	VTV2	35500
11.537	H	VTV3	35500
11.537	H	VTV4	35500
11.537	H	VTV5	35500
11.537	H	VTV6	35500
11.537	H	VOV1	35500
11.537	H	VOV3	35500
12.407	H	ASTRO SUPERSPORT	30000
12.407	H	ASTRO WAH LAI TOI	30000
12.407	H	ASTRO XPRESI	30000
12.407	H	CARTOON NTWK	30000
12.407	H	CCTV-9	30000
12.407	H	DISNEY	30000
12.407	H	GOAL TV1	30000
12.407	H	HBO	30000
12.407	H	PLAYHOUSE	30000
12.407	H	STAR WORLD	30000
12.407	H	TVB XING HE	30000
12.407	H	ZEE	30000
12.470	H	ASTRO ARUNA	30000
12.470	H	ASTRO KIRANA	30000
12.470	H	ASTRO TVIQ	30000
12.470	H	GOAL TV2	30000
12.470	H	NATIONAL GEOGRAPH	30000
12.470	H	NHK WORLD	30000
12.470	H	PHOENIX	30000
12.470	H	STAR MOVIES	30000
12.470	H	STAR SPORTS	30000
12.470	H	ALJAZEERA INTERNA	30000
12.470	H	ASTRO SHUANG XING	30000
12.470	H	DISCOVERY	30000
12.470	H	NICKELODEON	30000
12.532	H	ANIMAL PLANET	30000
12.532	H	ANIMAX	30000
12.532	H	ASTRO AWANI	30000
12.532	H	ASTRO CERIA	30000
12.532	H	ASTRO OASIS	30000
12.532	H	BLOOMBERG	30000
12.532	H	CELESTIAL MOVIES	30000
12.532	H	CHANNEL [V]	30000
12.532	H	CINEMAX	30000
12.532	H	ESPN	30000
12.532	H	INDOSIAR	30000
12.532	H	WA TV	30000
12.594	H	AXN	30000
12.594	H	BBC WORLD	30000
12.594	H	CCTV-4	30000
12.594	H	CNN	30000
12.594	H	DISCOVERY TRAVEL	30000
12.594	H	E! ENTERTAINMENT	30000
12.594	H	METRO TV	30000
12.594	H	MTV ASIA	30000
12.594	H	SCTV	30000
12.594	H	TRANS 7	30000
12.594	H	TRANS TV	30000
12.594	H	TVRI	30000

OPTUS D2

152.0 East

Freq	Pol	Channel Name	Symbol rate
12.394	H	ALTG	22500
12.394	H	GMAL	22500
12.394	H	HYAT	22500
12.394	H	K15	22500
12.394	H	MAD	22500
12.394	H	MKTV	22500
12.394	H	PLAN	22500
12.394	H	RIKS	22500
12.394	H	SECTS	22500
12.394	H	STAR	22500
12.394	H	BOM	22500
12.394	H	DYES	22500
12.394	H	RTCG	22500
12.394	H	NTC	22500
12.407	V	BTV2	30000
12.407	V	BTV3	30000
12.407	V	SKY1	30000
12.407	V	SKY10	30000
12.407	V	SKY2	30000
12.407	V	SKY3	30000
12.407	V	SKY4	30000
12.407	V	SKY5	30000
12.407	V	SKY6	30000
12.407	V	SKY7	30000
12.407	V	SKY8	30000
12.407	V	TUNE 152°E	30000
12.407	V	QTAB	30000
12.407	V	Retail R1	30000
12.407	V	Retail R2	30000
12.407	V	Retail R3	30000
12.407	V	Retail R4	30000
12.407	V	Retail R5	30000
12.407	V	Retail R6	30000
12.407	V	SKY Radio1	30000
12.407	V	Sport 927	30000
12.421	H	AJE	22500
12.421	H	ALSH	22500
12.421	H	BHTV	22500
12.421	H	CDF	22500
12.421	H	CHV	22500
12.421	H	DSPT	22500
12.421	H	DTV	22500
12.421	H	KAN7	22500
12.421	H	4E	22500
12.421	H	AGPY	22500
12.421	V	CTV	22500
12.421	H	MAZZ	22500
12.421	H	RACE	22500
12.519	V	MTV India	22500
12.519	V	NDTV	22500
12.519	V	PolSat	22500
12.519	V	SET	22500
12.519	V	SET Max	22500
12.519	V	Star Gold	22500
12.519	V	Star One	22500
12.519	V	Star Plus	22500
12.519	V	Zee TV	22500
12.519	V	Al Hayat	22500
12.519	V	aon	22500
12.519	V	SMTV	22500
12.546	V	NAB TV	22500
12.546	V	3ABN New Home	22500
12.546	V	ADHOC	22500
12.546	V	NHK World TV	22500
12.546	V	SALAAM TV	22500
12.546	V	VTV-4	22500
12.546	V	3ABN Radio New Hom	22500
12.546	V	Radio Mir	22500
12.581	H	ALNA	22500
12.581	H	ATV	22500
12.581	H	EURD	22500
12.581	H	EURS	22500
12.581	H	IRQY	22500
12.581	H	JAJM	22500
12.581	H	KRAL	22500
12.581	H	LATV	22500
12.581	H	NTV	22500
12.581	H	STV	22500
12.581	H	TRTI	22500
12.581	H	TVGL	22500
12.581	H	VZYN	22500
12.581	H	ALFM	22500
12.581	H	ATNA	22500
12.581	H	COG	22500
12.581	H	ERAS	22500
12.581	H	FERA	22500
12.581	H	MELO	22500
12.581	H	MGF	22500
12.581	H	MRL	22500
12.581	H	RA18	22500
12.581	H	RAUS	22500
12.581	H	SOHO	22500
12.581	H	THES	22500
12.608	H	ALPH	22500
12.608	H	CEST	22500
12.608	H	COLM	22500
12.608	H	GMAP	22500
12.608	H	MEGA	22500
12.608

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
12.598	H	Sky News	27800
12.598	H	SkyN	27800
12.598	H	TCM	27800
12.598	H	Vh1	27800
12.638	H	BOX	27800
12.638	H	Box Office	27800
12.638	H	Channel [V]2	27800
12.638	H	Country Music	27800
12.638	H	Disc Health	27800
12.638	H	Disc Science	27800
12.638	H	Disc Travel	27800
12.638	H	E!	27800
12.638	H	Eurosportnews	27800
12.638	H	FTV	27800
12.638	H	NG Adventure	27800
12.638	H	Nick Jr	27800
12.638	H	AIR01	27800
12.638	H	AIR02	27800
12.638	H	AIR03	27800
12.638	H	AIR04	27800
12.638	H	AIR05	27800
12.638	H	AIR06	27800
12.638	H	AIR07	27800
12.638	H	AIR08	27800
12.638	H	AIR09	27800
12.638	H	AIR10	27800
12.638	H	AIR11	27800
12.638	H	AIR12	27800
12.638	H	AIR13	27800
12.638	H	AIR14	27800
12.638	H	AIR15	27800
12.638	H	AIR16	27800
12.638	H	AIR17	27800
12.638	H	AIR18	27800
12.638	H	AIR19	27800
12.638	H	AIR20	27800
12.638	H	AIR21	27800
12.638	H	AIR22	27800
12.638	H	AIR23	27800
12.638	H	AIR24	27800
12.638	H	AIR25	27800
12.638	H	AIR26	27800
12.638	H	AIR27	27800
12.638	H	AIR28	27800
12.638	H	AIR29	27800
12.638	H	AIR30	27800
12.688	H	ESPN HD	27800
12.688	H	Discovery HD	27800
12.407	V	7 Central	30000
12.407	V	BTV1	30000
12.407	V	SBS QLD	30000
12.407	V	SBS SE	30000
12.407	V	SBS WA	30000
12.407	V	TUNE 156°E	30000
12.407	V	BBC Radio	30000
12.407	V	CBAA	30000
12.407	V	NIRS	30000
12.407	V	QTAB-C1	30000
12.407	V	Red FM	30000
12.407	V	RPH	30000
12.407	V	SBS R NT	30000
12.407	V	SBS R QLD	30000
12.407	V	SBS R SE	30000
12.407	V	SBS R WA	30000
12.407	V	SMA BUS4	30000
12.407	V	SMA BUS8	30000
12.407	V	Spirit	30000
12.407	V	TAIMA	30000
12.407	V	2RPH	30000
12.407	V	RABS TONE	30000
12.407	V	UCB	30000

OPTUS D1

160.0 East

Freq	Pol	Channel Name	Symbol rate
12.519	V	{Empty Name}	22500
12.537	V	Astralinks SNG	6670
12.546	V	ASTRALINKS SNG	6670
12.546	V	TEN SNG	6670
12.555	V	ASTRALINKS SNG	6670
12.637	V	SC10 Cairns	5100
12.637	V	SC10 Gippsland	5100
12.637	V	SC10 Gold Coast	5100
12.637	V	SC10 Mackay	5100
12.637	V	SC10 Rockhampton	5100
12.637	V	SC10 Sunshine Coast	5100
12.637	V	SC10 Toowoomba	5100
12.637	V	SC10 Townsville	5100
12.637	V	SC10 Wide Bay	5100
12.637	V	Test	5100
12.643	V	ASTRALINKS SNG	6670
12.662	V	Astralinks SNG	7200
12.662	V	HSV TRAILER SNG 5	7200
12.671	V	7SNG - SEN-910	7200
12.671	V	HSV TRAILER SNG 5	7200
12.680	V	7BCM D1/T7 Slot 6	7200
12.680	V	7SNG - SEN-910	7200
12.680	V	BCS Slot 6	7200
12.680	V	HSV TRAILER SNG 5	7200
12.407	H	SBS HD	12600
12.407	H	SBS	12600
12.407	H	SBS 2	12600
12.407	H	SBS World News	12600
12.407	H	SBS Radio 1	12600
12.407	H	SBS Radio 2	12600
12.427	H	GWN	14289
12.427	H	WIN WA 16:9	14289
12.451	H	SBS HD	12600
12.451	H	SBS	12600
12.451	H	SBS 2	12600
12.451	H	SBS World News	12600
12.451	H	SBS Radio 1	12600
12.451	H	SBS Radio 2	12600
12.469	H	SBS	12600
12.469	H	SBS 2	12600
12.469	H	SBS HD	12600
12.469	H	SBS NEWS	12600
12.469	H	SBS RADIO 1	12600
12.469	H	SBS RADIO 2	12600
12.487	H	SBS HD	12600
12.487	H	SBS	12600
12.487	H	SBS 2	12600
12.487	H	SBS World News	12600
12.487	H	SBS Radio 1	12600
12.487	H	SBS Radio 2	12600
12.514	H	ABC HDTV	14294
12.514	H	ABC1	14294
12.514	H	ABC2	14294
12.514	H	ABC3	14294
12.514	H	ABC DiG Jazz	14294
12.514	H	ABC DiG Radio	14294
12.532	H	ABC HDTV	14294
12.532	H	ABC1	14294
12.532	H	ABC2	14294
12.532	H	ABC3	14294
12.532	H	ABC DiG Jazz	14294
12.532	H	ABC DiG Radio	14294
12.550	H	ABC HDTV	14294
12.550	H	ABC1	14294
12.550	H	ABC2	14294
12.550	H	ABC3	14294
12.550	H	ABC DiG Jazz	14294
12.550	H	ABC DiG Radio	14294
12.577	H	ABC HDTV	14294
12.577	H	ABC1	14294
12.577	H	ABC2	14294
12.577	H	ABC3	14294
12.577	H	ABC Dig Jazz	14294
12.577	H	ABC DiG Radio	14294
12.595	H	ABC HDTV	14294
12.595	H	ABC1	14294
12.595	H	ABC2	14294
12.595	H	ABC3	14294
12.595	H	ABC DiG Jazz	14294
12.595	H	ABC DiG Radio	14294
12.610	H	ABC HDTV	14294
12.610	H	ABC1	14294
12.610	H	ABC2	14294
12.610	H	ABC3	14294
12.610	H	ABC DiG Jazz	14294
12.610	H	ABC DiG Radio	14294
12.331	H	AUX HD	22500
12.331	H	SKY Movies HD	22500
12.331	H	SKY Sport 1 HD	22500
12.358	H	SKY Sport 2 HD	22500
12.358	H	SM Greats HD	22500
12.358	H	TV3 HD	22500
12.394	H	Playboy	22500
12.394	H	SKY Box Office	22500
12.394	H	{Empty Name}	22500
12.421	H	Alt TV	22500
12.421	H	Arts Channel	22500
12.421	H	CI	22500
12.421	H	CNBC	22500
12.421	H	Documentary	22500
12.421	H	Fashion TV	22500
12.421	H	Fox News	22500
12.421	H	Star Plus Hindi	22500
12.421	H	TCM	22500
12.456	H	C4	22500
12.456	H	CUE	22500
12.456	H	Parliament TV	22500
12.456	H	STRATOS	22500
12.456	H	Te Reo	22500
12.456	H	TV3	22500
12.456	H	BaseFM	22500
12.456	H	GeorgeFM	22500
12.456	H	RNZ Concert	22500
12.456	H	RNZ National	22500
12.456	H	{Empty Name}	22500
12.483	H	Maori TV	22500
12.483	H	Reserved 4	22500
12.483	H	Reserved 5	22500
12.483	H	Reserved 6	22500
12.483	H	TV ONE	22500
12.483	H	TV2	22500
12.483	H	TVNZ 6	22500
12.483	H	TVNZ 7	22500
12.483	H	TVNZ SPORT EXTRA	22500
12.519	H	63	22500
12.519	H	Cartoon Network	22500
12.519	H	CTV 1	22500
12.519	H	Preview	22500
12.519	H	Preview	22500
12.519	H	SKY Movies	22500
12.519	H	SKY News	22500
12.519	H	MindGames	22500
12.519	H	Ad Tracks	22500
12.519	H	Classical	22500
12.519	H	Kids	22500
12.519	H	Reggae	22500
12.519	H	EPG Background Audio	22500
12.519	H	RNZ Concert	22500
12.519	H	RNZ National	22500
12.519	H	Tahu FM	22500
12.519	H	TS3 IEPG Data Serv	22500
12.546	H	CTV 2	22500
12.546	H	CTV 3	22500
12.546	H	CTV 4	22500
12.546	H	Food Television	22500
12.546	H	History Channel	22500
12.546	H	Living Channel	22500
12.546	H	Playhouse	22500
12.546	H	SKY Sport 1	22500
12.546	H	SKY Sport H/L's	22500
12.546	H	Blues	22500
12.546	H	New Supremo	22500
12.546	H	Real Good Life	22500
12.546	H	Calvary	22500
12.581	H	BBC World	22500
12.581	H	CCTV-9	22500
12.581	H	CTV 5	22500
12.581	H	JTV	22500
12.581	H	Nat Geographic	22500
12.581	H	Rugby Channel	22500
12.581	H	SKY Sport 2	22500
12.581	H	UKTV	22500
12.581	H	Vibe	22500
12.581	H	NZ Chart	22500
12.581	H	Pop	22500
12.581	H	Smooth	22500
12.581	H	Kiwi	22500
12.608	H	Discovery	22500
12.608	H	E!	22500
12.608	H	Juice TV	22500
12.608	H	KTV 1	22500
12.608	H	Shine	22500
12.608	H	SKY Sport 3	22500
12.608	H	SM Greats	22500
12.608	H	the BOX	22500
12.608	H	50's & 60's	22500
12.608	H	Country	22500
12.608	H	House	22500
12.608	H	Jazz	22500
12.608	H	Party	22500
12.608	H	Rock	22500
12.644	H	Auxiliary	22500
12.644	H	C4	22500
12.644	H	CTV 6	22500
12.644	H	ESPN	22500
12.644	H	KTV 2	22500
12.644	H	Nickelodeon	22500
12.644	H	SKY Box Office	22500
12.644	H	SKY Movies 2	22500
12.644	H	TV 3	22500
12.671	H	CTV 7	22500
12.671	H	MGM	22500
12.671	H	Rialto	22500
12.671	H	Trackside	22500
12.671	H	PlayinTV	22500
12.671	H	TV 2	22500
12.671	H	TV One	22500
12.671	H	Weather	22500
12.671	H	Grooves	22500
12.671	H	Grooves iTV	22500
12.707	H	Animal Planet	22500
12.707	H	CNN	22500
12.707	H	Country Channel	22500
12.707	H	Disney Channel	22500
12.707	H	MTV	22500
12.707	H	Prime	22500
12.734	H	Fresh!	22500
12.734	H	SKY Box Office	22500
12.734	H	Spice:Xcess	22500

C-Band: INTELSAT 8

166.0 East

INT008CH

Freq	Pol	Channel Name	Symbol rate
3.815	H	ArirangTV W2	4400
3.880	H	A copy of ANC statio	28700
3.880	H	A copy of TFC 1 cabl	28700
3.880	H	ABS CBN halalan	28700
3.880	H	ABS-CBN 1 cable	28700
3.880	H	ANC cable	28700
3.880	H	ANC station	28700
3.880	H	Channel 17	28700
3.880	H	channel 2	28700
3.880	H	Cinema 1 cable	28700
3.880	H	Cinema Global	28700
3.880	H	HERO Channel	28700
3.880	H	LIFESTYLE cable	28700
3.880	H	MYX cable	28700
3.880	H	OS Download Channel	28700
3.880	H	PinoyCentral TV	28700
3.880	H	PinoyCentral TV Kida	28700
3.880	H	Studio 23 cable	28700
3.880	H	TFC 1 cable	28700
3.880	H	Knowledge Channel ca	28700
3.880	H	PBB	28700
3.880	H	DZMM international	28700
3.880	H	DZMM local	28700
3.880	H	DWRR international	28700
3.880	H	DWRR local	28700
3.880	H	MOR Feed	28700

INT008CV

Freq	Pol	Channel Name	Symbol rate
3.790	V	KBS WORLD N	6507
3.790	V	YTN N	6507
3.808	V	EMTV & Radio	5632
3.808	V	Radio Services	5632
3.815	V	ArirangTV W2	4400
3.833	V	TVBS	17500
3.833	V	TVBS-Asia	17500
3.833	V	TVBS-G	17500
3.833	V	TVBS-M	17500
3.833	V	TVBS-N	17500
3.833	V	Utility	17500
3.833	V	Q-tone	17500
3.880	V	A copy of ANC statio	28700
3.880	V	A copy of TFC 1 cabl	28700
3.880	V	ABS CBN halalan	28700
3.880	V	ABS-CBN 1 cable	28700
3.880	V	ANC cable	28700
3.880	V	ANC station	28700
3.880	V	Channel 17	28700
3.880	V	channel 2	28700
3.880	V	Cinema 1 cable	28700
3.880	V	Cinema Global	28700
3.880	V	HERO Channel	28700
3.880	V	LIFESTYLE cable	28700
3.880	V	MYX cable	28700
3.880	V	OS Download Channel	28700
3.880	V	PinoyCentral TV	28700
3.880	V	PinoyCentral TV Kida	28700
3.880	V	Studio 23 cable	28700
3.880	V	TFC 1 cable	28700
3.880	V	Knowledge Channel ca	28700
3.880	V	PBB	28700
3.880	V	DZMM international	28700
3.880	V	DZMM local	28700
3.880	V	DWRR international	28700
3.880	V	DWRR local	28700
3.880	V	MOR Feed	28700
3.949	V	MBC 1	4613
3.960	V	CRI Radio	3428
3.740	H	MTV Asia	27500
3.740	H	MTV Mandarin	27500
3.740	H	MTV Philippines	27500
3.740	H	MTVNA	27500
3.740	H	Nick Japan	27500
3.740	H	Nick NZ	27500
3.740	H	Nick SE	27500
3.740	H	MTV China	27500
3.808	H	EMTV & Radio	5632
3.808	H	Radio Services	5632

C-Band: INTELSAT 5

169.0 East

Freq	Pol	Channel Name	Symbol rate
3.958	V	SD-ENC-03	6621
3.901	H	Adhoc I VC2	30800
3.901	H	Adhoc II VC4	30800
3.901	H	Australian Broadcast	30800
3.901	H	BBC	30800
3.901	H	IQRAA	30800
3.901	H	Radio Australia ABC	30800
3.958	V	SD-ENC-03	6620
3.992	V	Channel 1	26470
3.992	V	Channel 2	26470
3.992	V	Channel 3	26470
3.992	V	Channel 5	26470
3.992	V	MetroMux Channel 7	26470
3.992	V	MetroMux Channel 8	26470
3.992	V	Channel 4	26470
3.992	V	Channel 6	26470
3.845	V	AL JAZEERA	4604
3.845	V	ART AUSTRALIA	4604
3.989	H	GLOBECAST IS2&2	3500
4.160	H	Adhoc I - VC2	26480
4.160	H	Adhoc II - VC 4	26480
4.160	V	Channel 1	26470
4.160	V	Channel 2	26470
4.160	V	Channel 3	26470
4.160	V	Channel 5	26470
4.160	V	MetroMux Channel 7	26470
4.160	V	MetroMux Channel 8	26470
4.160	H	Australian Broadcast	26480
4.160	H	BBC	26480
4.160	V	Channel 4	26470
4.160	V	Channel 6	26470
4.160	H	IQRAA	26480
4.160	H	OU MMX VC7	26480
4.160	H	Radio Australia ABC	26480

212.0 East (148.0 West)

ECH001KB

Freq	Pol	Channel Name	Symbol rate
12.224	R	ART Global America	20000
12.224	R	ART Movies America	20000
12.224	R	Asia TV	20000
12.224	R	B4U Movies USA	20000
12.224	R	CCTV 4	20000
12.224	R	LBC America	20000
12.224	R	Phoenix Chinese Nort	20000
12.224	R	The Israeli Network	20000
12.224	R	TV 5	20000
12.224	R	Zee Gold	20000
12.224	R	Zee TV USA	20000
12.239	L	KBCB-TV	20000
12.239	L	KBTC-TV	20000
12.239	L	KGEB-TV	20000
12.239	L	KWDK-TV	20000
12.239	L	KWHB-TV	20000
12.239	L	KWOG (ShopNBC)	20000
12.239	L	Special 4	20000
12.253	R	HBO HDTV	20000
12.268	L	KAZH-TV	20000
12.268	L	KFTH-TV	20000
12.268	L	KLTJ-TV	20000
12.268	L	KNWS-TV	20000
12.268	L	KTBU-TV	20000
12.268	L	KTMD-TV	20000
12.268	L	KVDA-TV	20000
12.268	L	KWEX-TV	20000
12.268	L	KXLN-TV	20000
12.268	L	KZJL-TV	20000
12.282	R	WGVU-TV	20000
12.282	R	WLLA-TV test card	20000
12.282	R	WOOD-TV	20000
12.282	R	WOTV-TV	20000
12.282	R	WTLJ-TV	20000
12.282	R	WWMT-TV	20000
12.282	R	WXMI-TV	20000
12.282	R	WZPX-TV	20000
12.282	R	WZZM-TV	20000
12.297	L	KDTP-TV	20000
12.297	L	KINC-TV	20000
12.297	L	KPHZ-TV	20000
12.297	L	KTVW-TV	20000
12.297	L	KUVS-TV	20000
12.311	R	Antenna Satellite	20000
12.311	R	Arirang TV World 2	20000
12.311	R	ERT Sat	20000
12.311	R	Mega Cosmos	20000
12.311	R	NTV International	20000
12.311	R	NTV Plus	20000
12.311	R	International Promot	20000
12.326	L	KDTN-TV	20000
12.326	L	KFWD-TV	20000
12.326	L	KLDT-TV	20000
12.326	L	KMPX-TV	20000
12.326	L	KSTR-TV	20000
12.326	L	KUVN-TV	20000
12.326	L	KXIX-TV	20000
12.326	L	WZPX-TV	20000
12.341	R	EDTV Channel Europ	20000
12.341	R	ESC 1 USA	20000
12.341	R	Future TV USA	20000
12.341	R	Nile Drama	20000
12.341	R	PTV Prime	20000
12.341	R	Soccer	20000
12.370	R	RAI International 1&	20000
12.370	R	Rede Record Internac	20000
12.370	R	SET USA	20000
12.370	R	TV Asia	20000
12.370	R	TV Globo Internacion	20000
12.370	R	TV Japan	20000
12.399	R	KCBS-DT	20000
12.428	R	Dish 4 Showroom Prom	20000
12.428	R	Gem Shopping Network	20000
12.428	R	HD PPV	20000
12.428	R	Shop at Home	20000
12.457	R	Showtime HDTV East	20000
12.486	R	Al Jazeera	20000
12.486	R	PolSat 2 Internation	20000
12.486	R	TVN 24	20000
12.516	R	KADY-TV	20000
12.516	R	KAZA-TV	20000
12.516	R	KDOC-TV	20000
12.516	R	KFTR-TV	20000
12.516	R	KHIZ-TV	20000
12.516	R	KLCS-TV	20000
12.516	R	KOCE-TV	20000
12.516	R	KRCA-TV	20000
12.516	R	KSCI-TV	20000
12.516	R	KVCR-TV	20000
12.516	R	KVEA-TV	20000
12.545	R	Business TV	20000
12.545	R	ETC 1	20000
12.545	R	ETC 2	20000
12.545	R	Special 1	20000
12.545	R	Special 2	20000
12.545	R	Special 3	20000
12.574	R	KAZQ-TV	20000
12.574	R	KCHF-TV	20000
12.574	R	KJLA-TV	20000
12.574	R	KLUZ-TV	20000
12.574	R	KTEL-TV	20000
12.574	R	KVMD-TV	20000
12.574	R	KWHY-TV	20000
12.574	R	KXLA-TV	20000
12.603	R	KCSM-TV	20000
12.603	R	KDTV-TV	20000
12.603	R	KFSF-TV	20000
12.603	R	KMPT-TV	20000
12.603	R	KRCB-TV	20000
12.603	R	KRON-TV	20000
12.603	R	KSTS-TV	20000
12.603	R	KTEH-TV	20000
12.603	R	KTNC-TV	20000
12.603	R	KTSF-TV	20000
12.632	R	KBDI-TV	20000
12.632	R	KCEC-TV	20000
12.632	R	KDEN-TV	20000
12.632	R	KMAS-TV	20000
12.632	R	KRMT-TV	20000
12.632	R	KTVJ-TV	20000
12.632	R	KWHD-TV	20000
12.661	R	Dish-On Demand PPV	20000
12.661	R	Events PPV	20000
12.661	R	Florida Educational	20000
12.661	R	Good Samaritan Netwo	20000
12.661	R	Safety Net	20000
12.661	R	Sport PPV	20000
12.661	R	The Hot Zone	20000
12.661	R	Adult Guard Promo	20000

C-Band: AMC 8

221.0 East (139.0 West)

AMC008CB

Freq	Pol	Channel Name	Symbol rate
3.783	H	KTOO-TV Juneau, Al	4200
4.059	H	Gavel To Gavel Netwo	8100
4.059	H	Nasa TV	8100
4.059	H	Alaska Public Radio	8100
4.105	V	Feeds	5025
4.168	H	ARCS	4200
4.168	H	TEST 2	4200
4.168	H	True Country	4200

C-Band: AMC 7

223.0 East (137.0 West)

AMC007CB

Freq	Pol	Channel Name	Symbol rate
3.880	H	KAKM-TV Anchorage	25196
3.880	H	KIMO-TV Anchorage	25196
3.880	H	KTBY-TV Anchorage	25196
3.880	H	KTUU-TV Anchorage	25196
3.880	H	KTVA-TV Anchorage	25196
3.880	H	KYES-TV Anchorage	25196
4.100	V	Feed	6500

C-Band: AMC 10

225.0 East (135.0 West)

AMC010CB

Freq	Pol	Channel Name	Symbol rate
3.720	V	Food Network	29270
3.720	V	HGTV East	29270
3.720	V	Shop at Home TV	29270
3.740	H	Bravo US	19510
3.740	H	ESPN Classic	19510
3.740	H	HBO 2 West	19510
3.740	H	HBO Signature West	19510
3.740	H	HGTV US	19510
3.740	H	Love Stories West	19510
3.740	H	Mystery West	19510
3.740	H	Showtime Too West	19510
3.740	H	Starz! Theater West	19510
3.740	H	The History Channel	19510
3.740	H	The Movie Channel We	19510
3.740	H	Westerns West	19510
3.780	H	Galavision USA Este	29200
3.780	H	Galavision USA Oeste	29200
3.780	H	TeleFutura	29200
3.780	H	Univision Este	29200
3.783	V	The California Chann	3000
3.800	V	Black Starz! West	19510
3.800	V	Encore West	19510
3.800	V	MoviePlex East	19510
3.800	V	MoviePlex West	19510
3.800	V	Starz! Cinema West	19510
3.800	V	Starz! Family West	19510
3.800	V	Starz! Kids West	19510
3.800	V	Starz! Theater West	19510
3.800	V	Starz! West	19510
3.800	V	WAM! West	19510
3.840	V	In HD	19510
3.840	V	In HD2	19510
3.860	H	Test Card	19510
3.860	H	TV Guide	19510
3.920	V	MTV East	29270
3.920	V	VH1 East	29270
3.956	H	G4 Tech TV US	4000
3.980	H	Animal Planet	29270
3.980	H	BBC America West	29270
3.980	H	Discovery Channel We	29270
3.980	H	Discovery HD Theater	29270
3.980	H	Discovery Health	29270
3.980	H	The Learning Channel	29270
3.980	H	The Travel Channel	29270
4.020	H	Cine Latino	19510
4.020	H	CNN en Espanol	19510
4.020	H	Discovery Espanol	19510
4.020	H	Fox Sports World Esp	19510
4.020	H	HBO Latino	19510
4.020	H	HTV	19510
4.020	H	MTV Spanish	19510
4.020	H	Telemundo Internacio	19510
4.020	H	Toon Disney	19510
4.020	H	Utilisima Satelital	19510
4.020	H	VH Uno	19510
4.020	H	Fiesta Tropicana	19510
4.020	H	Latin Contemporary	19510
4.020	H	Latin Jazz	19510
4.020	H	Musica de las Americ	19510
4.020	H	Regional Mexican	19510
4.020	H	Rock en Espanol	19510
4.020	H	Salsa	19510
4.020	H	Tejano	19510
4.060	H	In Demand 10	19510
4.060	H	In Demand 11	19510
4.060	H	In Demand 12	19510
4.060	H	In Demand 13	19510
4.060	H	In Demand 14	19510
4.060	H	In Demand 7	19510
4.060	H	In Demand 8	19510
4.060	H	In Demand 9	19510
4.060	H	In Demand Barker	19510
4.067	V	C-SPAN 3	5000
4.100	H	Showtime HD East	29270
4.100	H	The Movie Channel HD	29270
4.180	H	The Weather Channel	29270

C-Band: GALAXY 15

227.0 East (133.0 West)

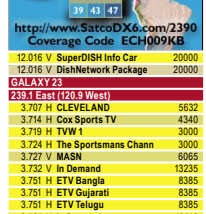
Freq	Pol	Channel Name	Symbol rate
3.740	V	Galavision USA Este	24570
3.740	V	Univision Este	24570
3.740	V	Univision Oeste	24570
3.740	V	Univision Package	24570
3.760	H	Action East	19510
3.760	H	Action West	19510
3.760	H	Encore East	19510
3.760	H	Love Stories East	19510
3.760	H	Love Stories West	19510
3.760	H	Mystery East	19510
3.760	H	Mystery West	19510
3.760	H	True Stories East	19510
3.760	H	True Stories West	19510
3.760	H	Westerns East	19510
3.760	H	Westerns West	19510
3.780	V	Do-It-Yourself Netwo	19510
3.780	H	Fine Living	19510
3.780	V	Food Network TV	19510
3.780	V	HGTV East	19510
3.780	V	HGTV West	19510
3.880	H	ESPN	29270
3.880	H	ESPN 2	29270
3.880	H	ESPN 2 Alternate	29270
3.880	H	ESPN Alternate	29270
3.960	H	Black Starz! East	19510
3.960	H	Encore East	19510
3.960	H	Encore West	19510
3.960	H	Starz! Cinema East	19510
3.960	H	Starz! Cinema West	19510
3.960	H	Starz! East	19510
3.960	H	Starz! Family East	19510
3.960	H	Starz! Kids East	19510
3.960	H	Starz! Theater East	19510
3.960	H	Starz! West	19510
3.960	H	WAM! East	19510
4.000	H	Cartoon Network East	29270
4.000	H	CNN Headline News	29270
4.000	H	CNN USA	29270
4.000	H	TBS East	29270
4.000	H	TNT East	29270
4.020	V	Boomerang	29270
4.020	V	Cartoon Network West	29270
4.020	V

Freq	Pol	Channel Name	Symbol rate
3.880	V	Urban Beat	29270
3.920	V	OS Download	26470
3.920	V	Soap East	26470
3.920	V	Soap West	26470
3.920	V	Toon East	26470
3.920	V	Toon West	26470
3.920	H	ABC Fam Backhaul	26470
3.940	V	Playboy TV	19510
3.940	V	TVND Theatre 16	19510
3.940	V	TVND Theatre 17	19510
3.940	V	TVND Theatre 18	19510
3.940	V	TVND Theatre 19	19510
3.940	V	TVND Theatre 20	19510
3.940	V	TVND Theatre 21	19510
3.940	V	TVND Theatre 22	19510
3.940	V	TVND Theatre 23	19510
3.940	V	TVND Theatre 24	19510
3.940	V	70's Super Hits	19510
3.940	V	American Originals	19510
3.940	V	Atmospheres	19510
3.940	V	Big Band	19510
3.940	V	Boleros	19510
3.940	V	Brazilian Pop	19510
3.940	V	Classic Country	19510
3.940	V	Classic R&B	19510
3.940	V	Contemporary Christi	19510
3.940	V	Dance	19510
3.940	V	Folklorica	19510
3.940	V	International Love S	19510
3.940	V	Jazz	19510
3.940	V	Lite Classical	19510
3.940	V	Metal	19510
3.940	V	Showcase 2	19510
3.940	V	Soft Rock	19510
3.940	V	Tejano	19510
3.940	V	Tropical	19510
3.940	V	Worldbeat	19510
3.960	V	TVN 33	19510
3.960	V	TVN Action	19510
3.960	V	TVN Events Electric	19510
3.960	V	TVN HotBody	19510
3.960	V	TVN Passion Soft	19510
3.960	V	TVN TeleNuestros	19510
3.960	V	GRTV 2	19510
3.960	V	GRTV 3	19510
3.960	V	GRTV 4	19510
3.960	V	70's Oldies	19510
3.960	V	80's Hits	19510
3.960	V	90's Hits	19510
3.960	V	Acid Jazz	19510
3.960	V	Adult Alternative	19510
3.960	V	Adult Contemporary	19510
3.960	V	Album Rock	19510
3.960	V	Alternative Rock	19510
3.960	V	Beautiful Instrument	19510
3.960	V	Blues	19510
3.960	V	Cable Radio 1	19510
3.960	V	Cable Radio 2 Sport	19510
3.960	V	Cable Radio 3 Talk R	19510
3.960	V	Cable Radio 4 Lifest	19510
3.960	V	Cable Radio 5 Law&Or	19510
3.960	V	Cable Radio 6 Issues	19510
3.960	V	Children's	19510
3.960	V	Classic R&B	19510
3.960	V	Classic Rock	19510
3.960	V	Contemporary Christi	19510
3.960	V	Dance	19510
3.960	V	Flashback New Wave	19510
3.960	V	Folk Rock	19510
3.960	V	Golden Oldies	19510
3.960	V	Gospel	19510
3.960	V	Great Standards	19510
3.960	V	Hard Rock	19510
3.960	V	Holiday Happenings	19510
3.960	V	Hot Country	19510
3.960	V	Hottest Hits	19510
3.960	V	Jazz	19510
3.960	V	Latin Contemporary	19510
3.960	V	Listening Room	19510
3.960	V	Lite Classical	19510
3.960	V	Modern Country	19510
3.960	V	New Age	19510
3.960	V	Rap	19510
3.960	V	Reggae	19510
3.960	V	Retro Dance	19510
3.960	V	Rock 'n' Blues	19510
3.960	V	Rock 'n' Roll Oldies	19510
3.960	V	Salsa	19510
3.960	V	Show Tunes	19510
3.960	V	Smooth Jazz	19510
3.960	V	Soft Hits	19510
3.960	V	Swing	19510
3.960	V	Symphonic	19510
3.960	V	Traditional Country	19510
3.960	V	Urban Adult Contempo	19510
3.960	V	Urban Beat	19510
3.960	V	Vocal Blends	19510
3.970	V	Symphonic	11162
3.975	H	Showtime Family West	19510
3.975	H	Showtime HDTV West	19510
3.975	H	Showtime Next West	19510
3.975	H	Showtime Woman West	19510
4.100	H	ESPN Classic	29270
4.100	H	ESPN Desportes	29270
4.100	H	ESPNews	29270
4.100	H	Lifetime Movie Netwo	29270
4.100	H	Lifetime Real Women	29270
4.100	H	SoapNet	29270
4.100	H	Toon Disney	29270
4.100	H	C-SPAN 3	29270
4.120	V	ESPN PPV1	29270
4.120	V	ESPN PPV2	29270
4.120	V	ESPN PPV3	29270
4.120	V	ESPN PPV4	29270
4.120	V	ESPN PPV5	29270
4.120	V	ESPN PPV6	29270
4.140	H	ESPN 2 HD	29270
4.140	H	ESPN HD	29270
4.140	H	ESPN HD Alternate	29270
4.160	V	A&E East	29270
4.160	V	A&E West	29270
4.160	V	Military History Cha	29270
4.160	V	The History Channel	29270
4.160	V	The History Channel	29270
4.160	V	The History Channel	29270
4.180	H	The Outdoor Channel	29270
4.180	H	JLTV	29270
4.180	H	The Outdoor CH Eas	29270
4.180	H	The Outdoor CH Eas	29270
4.180	H	The Outdoor CH Wes	29270
4.180	H	The Outdoor CH Wes	29270

ECHOSTAR 9

239.0 East (121.0 West)

ECH009KB



Freq	Pol	Channel Name	Symbol rate
12.016	V	SuperDISH Info Car	20000
12.016	V	DishNetwork Package	20000

GALAXY 23

239.1 East (120.9 West)

Freq	Pol	Channel Name	Symbol rate
3.707	H	CLEVELAND	5632
3.714	H	Cox Sports TV	4340
3.719	H	TVW 1	3000
3.724	H	The Sportsmans Chann	3000
3.727	V	MASN	6065
3.732	V	In Demand	13235
3.751	H	ETV Bangla	8385
3.751	H	ETV Gujarati	8385
3.751	H	ETV Telugu	8385
3.765	H	In Demand	19510
3.778	H	ImaginAsian TV	1860
3.780	V	In Demand	22500
3.800	H	Hot Net Plus	19510
3.800	H	Playboy TV Classic	19510
3.800	H	Playboy TV en Espano	19510
3.800	H	Spice Hot	19510
3.800	H	Spice Live	19510
3.800	H	Spice Platinum	19510
3.815	V	TBN Enlace USA	19510
3.815	V	TV Superstore	19510
3.832	V	OlympuSat Package	19510
3.900	V	24HTVE	27684
3.900	V	DOCUTVE	27684
3.900	V	TVEA1	27684
3.900	V	TVEA2	27684
3.900	V	AJE	27684
3.900	V	EURONEWS	27684
3.900	V	IMF	27684
3.900	V	RCLA	27684
3.900	V	REE	27684
3.900	V	RNE1	27684
3.900	V	RNE3	27684
3.900	V	RNE5	27684
3.940	V	APTN Test Card	29270
3.940	V	Video Rola	29270
3.940	V	Cine Latino	29270
3.940	V	HTV	29270
3.940	V	Infinito	29270
3.940	V	Telefe Internacional	29270
3.940	V	Utilisima Satelital	29270
3.940	V	ZEE TV USA	29270
3.970	H	The Sportsmans Chann	14027
3.980	V	AE Biography MPEG	27690
3.980	V	CNBC2 MPEG Audio	27690
3.980	V	DIY MPEG Audio	27690
3.980	V	History Channel In	27690
3.980	V	IFC MPEG Audio	27690
3.980	V	Lifetime MPEG Audi	27690
3.980	V	ZDTV MPEG Audio	27690
3.980	V	Much Music MPEG Au	27690
4.000	H	Playboy Director's C	19510
4.000	H	Si TV	19510
4.000	H	Spice	19510
4.000	H	Spice 2	19510
4.000	H	The Hot Network	19510
4.000	H	The Hot Zone	19510
4.000	H	The Tennis Channel	19510
4.000	H	CRN 1	19510
4.000	H	CRN 2 - Sports Talk	19510
4.000	H	CRN 4 - Lifestyles	19510
4.000	H	CRN 5 - Law & Order	19510
4.000	H	CRN 6 - Issues	19510
4.000	H	TRN - Talk Radio N	19510
4.060	V	AMERICA ONE	20000
4.060	V	FIRESTONE COMMUNI	20000
4.060	V	SORPRESSA	20000
4.060	V	STC	20000
4.100	V	Gospel Music	29270
4.100	V	JCTV	29270
4.100	V	TBN US	29270
4.100	V	The Church Channel	29270
4.140	V	Azteca America Este	25325
4.140	V	Azteca America Oeste	25325
4.140	V	Azteca Siete	25325
4.140	V	Azteca Trece	25325
4.160	H	A Taste of Spice	19510
4.160	H	Spice Live	19510
4.160	H	Spice Ultimate	19510
4.172	V	Pleasure	14600
4.172	V	TEN	14600
4.172	V	TENBlox	14600
4.172	V	TENBlue	14600
4.172	V	TENClips	14600
4.172	V	TENXtsy	14600
4.186	V	HITN	5184
4.186	V	HITN CH2	5184

ECHOSTAR 7, ANIK F3

241.0 East (119.0 West)

AMC016KB

Freq	Pol	Channel Name	Symbol rate
11.720	R	Dish Network multipl	26000

ECH007KB

Freq	Pol	Channel Name	Symbol rate
12.224	R	KATU-TV	20000
12.224	R	KCPT-TV	20000
12.224	R	KCTV-TV	20000
12.224	R	KCWE-TV	20000
12.224	R	KGW-TV	20000
12.224	R	KJRH-TV	20000
12.224	R	KMBC-TV	20000
12.224	R	KMCI-TV	20000
12.224	R	KOIN-TV	20000
12.224	R	KOKI-TV	20000
12.224	R	KOPB-TV	20000
12.224	R	KOTV-TV	20000
12.224	R	KPDX-TV	20000
12.224	R	KPTV-TV	20000
12.224	R	KSHB-TV	20000
12.224	R	KSMO-TV	20000
12.224	R	KTUL-TV	20000
12.224	R	KWBP-TV	20000
12.224	R	KWGZ-TV	20000
12.224	R	WCAX-TV	20000
12.224	R	WCVB-TV	20000
12.224	R	WDAF-TV	20000
12.224	R	WETK-TV	20000
12.224	R	WFFF-TV	20000
12.224	R	WFXT-TV	20000
12.224	R	WGBH-TV	20000
12.224	R	WHDH-TV	20000
12.224	R	WLVI-TV	20000
12.224	R	WPEC-TV	20000
12.224	R	WPTZ-TV	20000
12.224	R	WVNY-TV	20000
12.239	L	BET	20000
12.239	L	Bravo US	20000
12.239	L	CNN Financial Networ	20000
12.239	L	Court TV	20000
12.239	L	Empire Sports Networ	20000
12.239	L	Galavision Este	20000
12.239	L	HBO East	20000
12.239	L	PPV Sports	20000
12.239	L	Tech TV	20000
12.239	L	The Hot Zone	20000
12.253	R	KAUT-TV	20000
12.253	R	KCAL-TV	20000
12.253	R	KCET-TV	20000
12.253	R	KCOP-TV	20000
12.253	R	KCPQ-TV	20000
12.253	R	KCTS-TV	20000
12.253	R	KETA-TV	20000
12.253	R	KFMB-TV	20000
12.253	R	KFOR-TV	20000
12.253	R	KGTV-TV	20000
12.253	R	KING-TV	20000
12.253	R	KIRO-TV	20000
12.253	R	KMEX-TV	20000
12.253	R	KNSD-TV	20000
12.253	R	KOCB-TV	20000
12.253	R	KOCO-TV	20000
12.253	R	KOED-TV	20000
12.253	R	KOKH-TV	20000
12.253	R	KOMO-TV	20000
12.253	R	KONG-TV	20000
12.253	R	KPBS-TV	20000
12.253	R	KSBI-TV	20000
12.253	R	KSTW-TV	20000
12.253	R	KSWB-TV	20000
12.253	R	KTFO-TV	20000
12.253	R	KTWB-TV	20000
12.253	R	KWBT-TV	20000
12.253	R	KWTV-TV	20000
12.253	R	WBFS-TV	20000
12.253	R	WBTV-TV	20000
12.253	R	WBZL-TV	20000
12.253	R	WCFE-TV	20000
12.253	R	WCSV-TV	20000
12.253	R	WFLX-TV	20000
12.253	R	WLTV-TV	20000
12.253	R	WNNE-TV	20000
12.253	R	WPBF-TV	20000
12.253	R	WPEC-TV	20000
12.253	R	WPTV-TV	20000
12.253	R	WTVX-TV	20000
12.253	R	XETV-TV	20000
12.268	L	C-SPAN	20000
12.268	L	C-SPAN 2	20000
12.268	L	ESPN 2	20000
12.268	L	ESPNews	20000
12.268	L	Flix East	20000
12.268	L	Food Network US	20000
12.268	L	GSN - Game Show Ne	20000
12.268	L	Playboy TV	20000
12.268	L	QVC US	20000
12.268	L	TEN - The Erotic N	20000
12.268	L	70's Hits	20000
12.268	L	Adult Contemporary	20000
12.268	L	Concert Classics	20000
12.268	L	Expressions	20000
12.268	L	Light Classical	20000
12.268	L	Tropical Breezes	20000
12.268	L	Urban Adult	20000
12.282	R	KAET-TV	20000
12.282	R	KASW-TV	20000
12.282	R	KDNL-TV	20000
12.282	R	KETC-TV	20000
12.282	R	KHBW-TV	20000
12.282	R	KHOU-TV	20000
12.282	R	KMOV-TV	20000
12.282	R	KNXV-TV	20000
12.282	R	KPHO-TV	20000
12.282	R	KPLR-TV	20000
12.282	R	KPNX-TV	20000
12.282	R	KPRC-TV	20000
12.282	R	KRIV-TV	20000
12.282	R	KSAZ-TV	20000
12.282	R	KSDK-TV	20000
12.282	R	KTRK-TV	20000
12.282	R	KTVI-TV	20000
12.282	R	KTVK-TV	20000
12.282	R	KTXH-TV	20000
12.282	R	KUHT-TV	20000
12.282	R	KUTP-TV	20000
12.282	R	WAXN-TV	20000
12.282	R	WBTV-TV	20000
12.282	R	WCCB-TV	20000
12.282	R	WCNC-TV	20000
12.282	R	WGVU-TV	20000
12.282	R	WJZY-TV	20000
12.282	R	WLOS-TV	20000
12.282	R	WNSC-TV	20000
12.282	R	WOOD-TV	20000
12.282	R	WSOC-TV	20000
12.282	R	WSPA-TV	20000
12.282	R	WTVI-TV	20000
12.282	R	WWMT-TV	20000
12.282	R	WWWB-TV	20000
12.282	R	WXMI-TV	20000
12.282	R	WYFF-TV	20000
12.282	R	WZZM-TV	20000
12.297	L	Discovery Health	20000
12.297	L	ESPN Classic	20000
12.297	L	Fox News Channel	20000
12.297	L	Fox Sports Alternate	20000
12.297	L	Fox Sports Rocky Mou	20000
12.297	L	HBO 2 East	20000
12.297	L	HBO Signature East	20000
12.297	L	IFC US	20000
12.297	L	Showtime East	20000
12.297	L	Toon Disney	20000
12.297	L	Festive Italian	20000
12.311	R	KAKW-TV	20000
12.311	R	KAMU-TV	20000
12.311	R	KBHK-TV	20000
12.311	R	KBWB-TV	20000
12.311	R	KCEN-TV	20000
12.311	R	KGO-TV	20000
12.311	R	KGUN-TV	20000
12.311	R	KHRR-TV	20000
12.311	R	KICU-TV	20000
12.311	R	KMSB-TV	20000
12.311	R	KNCT-TV	20000
12.311	R	KNTV-TV	20000
12.311	R	KOLD-TV	20000
12.311	R	KPIX-TV	20000
12.311	R	KQED-TV	20000
12.311	R	KTTU-TV	20000
12.311	R	KTVU-TV	20000
12.311	R	KUAT-TV	20000
12.311	R	KVOA-TV	20000
12.311	R	KWBA-TV	20000
12.311	R	KWBU-TV	20000
12.311	R	KWKT-TV	20000
12.311	R	KWTX-TV	20000
12.311	R	KXGR-TV	20000
12.311	R	KXXV-TV	20000
12.311	R	WASV-TV	20000
12.311	R	WBSC-TV	20000
12.311	R	WFYI-TV	20000
12.311	R	WGN-TV	20000
12.311	R	WHNS-TV	20000
12.311	R	WISH-TV	20000
12.311	R	WLFL-TV	20000
12.311	R	WNCN-TV	20000
12.311	R	WNDY-TV	20000
12.311	R	WOTV-TV	20000
12.311	R	WPWR-TV	20000
12.311	R	WRAL-TV	20000
12.311	R	WRAZ-TV	20000
12.311	R	WRDC-TV	20000
12.311	R	WRTV-TV	20000
12.311	R	WTHR-TV	20000
12.311	R	WTLJ-TV	20000
12.311	R	WTTV-TV	20000
12.311	R	WTTW-TV	20000
12.311	R	WTVD-TV	20000
12.311	R	WUNC-TV	20000
12.311	R	WXIN-TV	20000
12.326	L	AMC - American Mov	20000
12.326	L	CMT US	20000
12.326	L	Discovery Channel	20000
12.326	L	ESPN	20000
12.326	L	HBO Family East	20000
12.326	L	PBS	20000
12.326	L	Sci-Fi	20000
12.326	L	Showtime West	20000
12.326	L	The Learning Channel	20000
12.326	L	TNT	20000
12.326	L	Acoustic Crossroads	20000
12.326	L	Country Classics	20000
12.326	L	Country Currents	20000
12.326	L	Environmental East	20000
12.326	L	Foreground Music	20000
12.326	L	Hot FM	20000
12.326	L	New Country	20000
12.326	L	Urban Beat	20000
12.341	R	KBFD-TV	20000
12.341	R	KBYU-TV	20000
12.341	R	KFVE-TV	20000
12.341	R	KGMB-TV	20000
12.341	R	KHET-TV	20000
12.341	R	KHNL-TV	20000
12.341	R	KHON-TV	20000
12.341	R	KIKU-TV	20000
12.341	R	KITV-TV	20000
12.341	R	KJZZ-TV	20000
12.341	R	KPNZ-TV	20000
12.341	R	KSL-TV	20000
12.341	R	KSTU-TV	20000
12.341	R	KTMW-TV	20000
12.341	R	KTVX-TV	20000
12.341	R	KUED-TV	20000
12.341	R	KULC-TV	20000
12.341	R	KUTV-TV	20000
12.341	R	KUWB-TV	20000
12.341	R	KWHE-TV	20000
12.341	R	WABM-TV	20000
12.341	R	WBIQ-TV	20000
12.341	R	WBRC-TV	20000
12.341	R	WHAT-TV	20000
12.341	R	WJSU-TV	20000
12.341	R	WTTO-TV	20000
12.341	R	WVTM-TV	20000
12.355	L	ESPN 2 Alternate	20000
12.355	L	ESPN Alternate	20000
12.355	L	Fox Sports Bay Area	20000
12.355	L	Fox Sports New York	20000
12.355	L	Fox Sports South	20000
12.355	L	Showtime Extreme Eas	20000
12.355	L	The Movie Channel Ea	20000
12.355	L	The Movie Channel Xt	20000
12.355	L	Universityhouse	20000
12.355	L	WE - Women's Enterta	20000
12.370	R	ACN - America's Co	20000
12.370	R	Business TV 1	20000
12.370	R	Business TV 2	20000
12.370	R	EWTN US	20000
12.370	R	Fox Sports Alternate	20000
12.370	R	HSN - Home Shoppin	20000
12.370	R	ShopNBC	20000
12.370	R	The Beauty and Fashi	20000
12.370	R	The Disney Channel E	20000
12.370	R	UCTV - University	20000
12.370	R	Univision Este	20000
12.370	R	Angel One	20000
12.370	R	PPV Guide	20000
12.370	R	Remote Control Help	20000
12.384	L	DISH-on-Demand PPV	20000
12.384	L	Fox Sports Detroit	20000
12.384	L	Fox Sports New Engla	20000
12.384	L	Fox Sports Pittsburg	20000
12.384	L	FX	20000
12.384	L	Noggin	20000
12.384	L	Sunshine Network	20000
12.384	L	TBN - Trinity Broa	20000
12.384	L	The Weather Channel	20000
12.384	L	Destinations Audio	20000
12.384	L	Latino Pop	20000
12.384	L	Muzak	20000
12.384	L	Muzak 2	20000
12.384	L	Viva Marachi	20000
12.399	R	Animal Planet	20000
12.399	R	CNBC US	20000
12.399	R	Comedy Central East	20000
12.399	R	Fox Sports Northwest	20000
12.399	R	HBO 2 West	20000
12.399	R	Lifetime	20000
12.399	R	MSNBC	20000
12.399	R	TBS Superstation (	20000
12.399	R	TV Land	20000
12.399	R	VH 1 US	20000
12.399	R	WGN Superstation	20000
12.399	R	Contemporary Christi	20000
12.399	R	Contemporary Instrum	20000
12.399	R	Contemporary Jazz Fl	20000
12.399	R	Easy Instrumentals	20000
12.399	R	Jazz Traditions	20000
12.414	L	Black Starz! East	20000
12.414	L	Encore East	20000
12.414	L	Extasy	20000
12.414	L	Lifetime Movie Netwo	20000
12.414	L	Pax TV	20000
12.414	L	Starz! Cinema East	20000
12.414	L	Starz! East	20000
12.414	L	Starz! Family East	20000
12.414	L	Starz! Theater East	20000
12.414	L	Westerns East	20000
12.428	R	KASC-TV	20000
12.428	R	KCBS-TV	20000
12.428	R	KNBC-TV	20000
12.428	R	KTLA-TV	20000
12.428	R	KTTV-TV	20000
12.428	R	KWGN-TV	20000
12.428	R	WPIX-TV	20000
12.428	R	WSBK-TV	20000
12.428	R	WWOR-TV	20000
12.428	R	WXTV-TV	20000
12.428	R	70's Songbook	20000
12.428	R	Big Band Era	20000
12.428	R	Classic Rock	20000
12.428	R	Eurostyle	20000
12.428	R	JukeBox Gold	20000
12.428	R	Nonstop Hip Hop	20000
12.443	L	ABC Family	20000
12.443	L	Cartoon Network	20000
12.443	L	CNN Headline News	20000
12.443	L	E! Entertainment TV	20000
12.443	L	HGTV US	20000
12.443	L	MTV East	20000
12.443	L	Nickelodeon West	20000
12.443	L	TCM - Turner Class	20000
12.443	L	The New TNN	20000
12.443	L	Travel Channel	20000
12.443	L	USA Network East	20000
12.443	L	Adult Alternative	20000
12.443	L	Hawaiian Music	20000
12.443	L	Hot Hits	20000
12.443	L	Kids tunes	20000
12.443	L	LDS Radio Network	20000
12.443	L	Modern Rock Alternat	20000
12.443	L	Power Rock	20000
12.457	R	Cinemax East	20000
12.457	R	DISH-on-Demand PPV	20000
12.457	R	Fox Sports Chicago	20000
12.457	R	Fox Sports Southwest	20000
12.457	R	MoreMax East	20000
12.457	R	MSG Network	20000
12.457	R	Speed Channel	20000
12.457	R	Sundance Channel Eas	20000
12.457	R	TV Games Network	20000
12.472	L	Comcast SportsNet Mi	20000
12.472	L	DISH-on-Demand PPV	20000
12.472	L	Fox Sports Cincinnat	20000
12.472	L	Fox Sports Midwest	20000
12.472	L	MuchMusic USA	20000
12.472	L	NASA TV	20000
12.472	L	Nickelodeon East	20000
12.472	L	RAI International 1/	20000
12.472	L	WorldLink TV	20000
12.472	L	Info Card	20000
12.472	L	Broadway & Hollywood	20000
12.486	R	A&E - Arts & Enterta	20000
12.486	R	CNN USA	20000
12.486	R	HBO West	20000
12.486	R	Showtime Too East	20000
12.486	R	The Disney Channel W	20000
12.486	R	The History Channel	20000
12.486	R	Adult Favorites	20000
12.486	R	Blues	20000
12.486	R	Fiesta Mexicana	20000
12.486	R	Latin Style	20000
12.486	R	New Age	20000
12.486	R	Reggae	20000
12.501	L	Cinemax West	20000
12.501	L	Fox Sports West	20000
12.501	L	The Outdoor Channel	20000
12.501	L	WABC-TV	20000
12.501	L	WCBS-TV	20000
12.501	L	WNBC-TV	20000
12.501	L	WNET-TV	20000
12.501	L	WNYW-TV	20000
12.501	L	NESN - New England	20000
12.501	L	50's & 60's Hits	20000
12.501	L	80's Hits	20000
12.501	L	All that Jazz	20000
12.501	L	Beach Party	20000
12.501	L	Classical Ambience	20000
12.501	L	Hit Line	20000
12.501	L	Love Songs	20000
12.501	L	Metro	20000
12.501	L	Miami Mix	20000
12.501	L	Moodscapes	20000
12.501	L	New Orleans Jazz	20000
12.501	L	Piano & Guitar	20000
12.501	L	R&B Revue	20000
12.501	L	Tejano	20000
12.516	R	BBC America	20000
12.516	R	DISH-on-Demand PPV	20000
12.516	R	Fox Sports Alternate	20000
12.516	R	Fox Sports Arizona	20000
12.516	R	Fox Sports Florida	20000
12.516	R	Fox Sports North	20000
12.516	R	Fox Sports Ohio	20000
12.516	R	MTV 2 US	20000
12.516	R	RFD TV - Rural Far	20000
12.516	R	Country Music	20000
12.516	R	Reflections	20000

SATMEX 5

243.2 East (116.8 West)

Freq	Pol	Channel Name	Symbol rate
3.770	V	Universal Circus 1	7234
3.770	V	Universal Circus 2	7234
3.770	V	Universal Circus 3	7234
3.800	H	Animal Planet	29270
3.800	V	CNI Canal 40	29270
3.800	V	Discovery Health	29270
3.800	V	Discovery Kids	29270
3.800	V	ESPN	29270
3.800	V	Hallmark	29270
3.800	V	IPN Canal 11	29270
3.800	V	MTV	29270
3.800	V	People & Arts	29270
3.800	V	Travel & Adventure	29270
3.840	V	Casa Club	29270
3.840	V	Cinema Platino	29270
3.840	V	Film & Arts	29270
3.840	V	InteliTV	29270
3.840	V	MGM	29270
3.840	V	National Geographic	29270
3.840	V	Nickelodeon	29270
3.840	V	Ponchivision	29270
3.840	V	Telemundo	29270
3.840	V	Venevision Continent	29270
3.855	H	CB TV	2600
3.905	V	Sports Book	2975
3.913	V	Sotel Canal 11	2947
3.918	V	CNI Canal 40 - XHT	3329
3.935	V	Hipodromo de Preside	4440
3.935	V	Test Card	4440
3.960	V	Azteca 13 Mexico C	25325
3.960	V	Azteca 7 Mexico Ci	25325
3.960	V	Azteca America Este	25325
3.960	V	Azteca America Oeste	25325
3.980	H	Monte Maria TV	1850
3.985	V	Tele Ritmo	3183
3.989	V	Multimedios	2967
3.997	V	XEIMT Canal 22	3255
4.001	V	RGT TV Digital	2670
4.006	V	Ecuavisa	3516
4.011	V	Latinoamerica TV	3131

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
11.969	V	Channel 3	7234
11.969	V	Channel 4	7234
12.060	H	WBNS	26000
12.060	H	WCHS	26000
12.060	H	WCMH	26000
12.060	H	WOSU	26000
12.060	H	WOWK	26000
12.060	H	WPBO	26000
12.060	H	WPBY	26000
12.060	H	WQCW	26000
12.060	H	WSAZ	26000
12.060	H	WSFJ	26000
12.060	H	WSYX	26000
12.060	H	WTTE	26000
12.060	H	WVAH	26000
12.060	H	WWHO	26000
12.160	V	KCAU	26000
12.160	V	KMEG	26000
12.160	V	KPTH	26000
12.160	V	KSIN	26000
12.160	V	KTIV	26000
12.160	V	KXNE	26000
12.160	V	WBOY	26000
12.160	V	WDTV	26000
12.160	V	WNPB	26000
12.160	V	WVFX	26000
AMC 1			
257.0 East (103.0 West)			
AMC001CB			
3.740	V	GMA Pinoy TV	29270
3.740	V	Cadena del Milagro	29270
3.740	V	DW-TV USA	29270
3.740	V	DW 1 Radio	29270
3.740	V	DW 2 Radio	29270
3.740	V	DW 7 Radio	29270
3.840	H	Broadcast 422	26681
3.840	H	East	26681
3.840	H	FEEDS12	26681
3.840	H	FEEDS4	26681
3.840	H	FEEDS7	26681
3.840	H	FEEDS8	26681
3.840	H	FEEDS9	26681
3.840	H	IONLife	26681
3.840	H	IONPlus	26681
3.840	H	Mountain	26681
3.840	H	Pacific	26681
3.840	H	qubo	26681
3.840	H	Worship	26681
3.910	V	KRMA-TV	13340
3.940	V	Comcast SportsNet	29270
3.940	V	KBDI-TV	29270
3.940	V	KCNC-TV	29270
3.940	V	KDVR-TV	29270
3.940	V	KMGH-TV	29270
3.940	V	KRMA-TV	29270
3.940	V	KTVD-TV	29270
3.940	V	KUSA-TV	29270
3.940	V	KWGN-TV	29270
3.940	V	Private Blue Latino	29270
3.940	V	CN8	29270
3.984	H	CTN-LARGO, FL E2	2734
4.005	H	AUX	19804
4.005	H	KEEN	18800
4.005	H	KTLN	18800
4.005	H	SKY1	18800
4.005	H	TLN	18800
4.005	H	WCFC	18800
4.067	H	Feed	3680
4.075	H	NYS LEGISLATIVE C	3000
4.180	V	MLB Extra Innings	19510
AMC001KB			
11.760	H	NBC Feed (Ch 14A)	26670
11.840	H	Ch 11A	26670
11.840	H	Ch 12A	26670
11.840	H	Ch 15A	26670
11.840	H	Ch 16A	26670
11.840	H	Ch 17A	26670
11.880	H	Ch 09A	26670
11.880	H	Ch 10A	26670
11.880	H	Ch 13A	26670
11.880	H	Ch 14A	26670
11.938	V	MCC	20000
11.938	V	MS20	20000
11.938	V	MS3	20000
11.938	V	MS4	20000
11.938	V	MS81	20000
12.022	H	NBC Newschannel Fe	4231
12.028	H	NBC Newschannel F	4231
12.034	H	NBC Newschannel Fe	4231
12.044	H	NBC Newschannel Feed	4231
12.052	H	NBC Newschannel Fe	4231
12.062	V	Market Connect Netwo	4880
12.065	H	NBC Newschannel Feed	4231
12.068	H	NBC Newschannel F	4231
12.083	H	NBC Newschannel Feed	4231
12.086	H	NBC Newschannel F	4231
12.092	H	NBC Newschannel Feed	4231
12.096	V	PENTAGON DOLBY AC	20000
12.096	V	PENTAGON CHANNEL	20000
12.105	V	The Pentagon Channel	20000
12.110	H	NBC Newschannel Feed	15000
12.115	H	NBC Newschannel Fe	4231
12.126	H	NBC Newschannel Feed	4231
12.132	H	AC1.21F	4231
12.142	V	MS90	20000
12.142	V	MS92	20000
12.142	V	MS91	20000
12.142	V	MS61	20000
12.177	V	Channel Two	20000
12.177	V	Channel One	20000
12.177	V	FXTV Channel 150	20000
12.177	V	FXTV Channel 200	20000
12.177	V	Test Channel 100	20000
4.070	H	Liberty Channel	2300

Freq	Pol	Channel Name	Symbol rate
DIRECTV 4S/8			
AMC 2,4			
259.0 East (101.0 West)			
AMC004CA			
3.709	V	CTVN_PGM_1	4578
3.709	V	CTVN_PGM_2	4578
3.716	V	Golden Eagle Broadca	4340
3.722	H	SUPERCANAL CARIBE	3617
3.773	V	Channel 1	4442
3.860	H	TLMD East	26670
3.860	H	TLMD Occasional	26670
3.860	H	TLMD West	26670
3.860	H	NBC Central	26670
3.860	H	NBC Ch 15	26670
3.860	H	NBC Ch 17	26670
3.860	H	NBC East	26670
3.860	H	NBC Mountain	26670
3.860	H	NBC Pacific	26670
3.880	V	CNBC	28347
3.880	V	Sci Fi West	28347
3.880	V	FAMILYLAND-TV	28347
3.920	V	A_E West	28347
3.920	V	BET West	28347
3.920	V	Bravo West	28347
3.920	V	Cartoon West	28347
3.920	V	Court TV West	28347
3.920	V	Food Channel West	28347
3.920	V	HGTV West	28347
3.920	V	History West	28347
3.920	V	Oxygen West	28347
3.920	V	The Discovery Channe	28347
3.920	V	The Learning Channel	28347
3.920	V	USA West	28347
3.940	H	AE	28347
3.940	H	EWTN	28347
3.940	H	Food Network	28347
3.940	H	HGTV	28347
3.940	H	History Channel	28347
3.940	H	Inspiration TV	28347
3.940	H	Lifetime	28347
3.940	H	Lifetime Movie Netwo	28347
3.940	H	Lifetime West	28347
3.940	H	Oxygen East	28347
3.940	H	TBN	28347
3.940	H	WGN	28347
3.958	V	FAMILYLAND-TV	6349
3.973	V	Service 1	4362
3.980	H	Homepage	24074
3.982	H	HD Movies	14630
3.982	H	Homepage	14630
3.982	H	Install Interface	14630
3.982	H	Just In Pg1	14630
3.982	H	Just In Pg2	14630
3.982	H	Kids Genre	14630
3.982	H	News Genre	14630
3.982	H	Sports Genre	14630
4.062	H	AMC East	28347
4.062	H	BET East	28347
4.062	H	Cartoon Network East	28347
4.062	H	Comedy Central East	28347
4.062	H	Disney East	28347
4.062	H	MTV East	28347
4.062	H	Nickelodeon East	28347
4.062	H	Sci-Fi Channel East	28347
4.062	H	The Discovery Channe	28347
4.062	H	TLC East	28347
4.062	H	USA East	28347
4.062	H	VH1 East	28347
4.080	V	Animal Planet	28347
4.080	V	C-SPAN	28347
4.080	V	C-SPAN 2	28347
4.080	V	CNN	28347
4.080	V	Discovery Health	28347
4.080	V	Golf Channel	28347
4.080	V	Great American Count	28347
4.080	V	Headline News	28347
4.080	V	HSN	28347
4.080	V	QVC	28347
4.080	V	Travel Channel	28347
4.080	V	TV One	28347
4.100	H	FAMILYLAND-TV	28347
4.175	V	FE TV - Far East T	4340
4.175	V	La Familia Network	4340
4.175	V	FE - Far East Radio	4340
AMC004KA			
11.704	V	KUIL TV FOX64	2170
11.730	V	Data	5000
11.791	V	TAN TV 4	19700
11.807	H	Data	2713
11.820	H	TV English	5700
11.820	H	TV Latino	5700
11.820	H	3ABN Radio	5700
11.820	H	Radio 74	5700
11.845	V	Data	2170
11.860	H	TAN 1/KBS	28140
11.860	H	TAN 2/MBC	28140
11.860	H	TAN 3/SBS	28140
11.860	H	TAN 4/EBS	28140
11.860	H	TAN 5/YTN	28140
11.860	H	APOSTOLIC	28140
11.860	H	Bethel TV	28140
11.860	H	GCN	28140
11.860	H	Gospel Music TV	28140
11.860	H	TAN TV 6	28140
11.860	H	TAN TV 7	28140
11.983	H	ATN SERVICE 2	5900
11.983	H	ATN/ACN SERVICE 1	5900
11.983	H	ESPERANZA TV	5900
11.983	H	HOPE CHANNEL	5900
11.983	H	LIFETALK RADIO	5900
12.018	H	Service 1	2034
12.025	H	401 (unknown channel	5207
12.025	H	402 (unknown channel	5207
12.060	H	21-MSNBC AC3	26700
12.060	H	22-CourtTV AC3	26700
12.060	H	23-Versus AC3	26700
12.060	H	27-CNBC AC3	26700
12.060	H	29-A E Biography AC3	26700
12.060	H	01-MSNBC	26700
12.060	H	02-CourtTV	26700
12.060	H	03-Versus	26700
12.060	H	04-National Geograph	26700
12.060	H	05-Fox News	26700
12.060	H	06-Weather Channel	26700
12.060	H	07-CNBC	26700
12.060	H	08-A E History	26700
12.060	H	10-A E	26700
12.060	H	9-A E Biography	26700
12.060	H	Enc 12 Test	26700
12.060	H	Enc11 Test	26700
12.120	V	CMC	30000
12.120	V	ETN	30000

Freq	Pol	Channel Name	Symbol rate
12.120	V	HRT 1	30000
12.120	V	Planeta	30000
12.120	V	BVN	30000
12.120	V	CGN TV	30000
12.120	V	HRT TV	30000
12.120	V	TRWAM	30000
12.120	V	CMC Radio	30000
12.120	V	HRT Radio	30000
12.120	V	BVN RNW 1 Radio	30000
12.120	V	BVN RNW 2 Radio	30000
12.120	V	BVN RNW 3 Radio	30000
12.120	V	BVN RNW 5 Radio	30000
12.120	V	BVN RNW 6 Radio	30000
12.120	V	BVN Rvi 1 Radio	30000
12.120	V	Radio Maryja	30000
12.169	H	RTP Internacional	3003
GALAXY 16			
261.0 East (99.0 West)			
GX04RCB			
3.742	V	Adhoc Ch 1	28340
3.742	V	Adhoc Ch 3	28340
3.742	V	Adhoc Sig 1 Ch 2	28340
3.742	V	Open	28340
3.742	V	Open Ch 4	28340
3.744	H	SNG	1953
3.776	H	{Empty}	3255
3.780	V	WB Los Angeles Fe	26000
3.786	H	FAMILYNET	5000
3.790	H	KCHF-TV	3256
3.811	H	SNG	3256
3.820	H	WB Los Angeles Fee	26000
3.825	H	SCOPUS-NET-TECH	2604
3.825	H	Telesur Campeche	2604
3.880	H	Red Canal 2	29688
3.880	H	Red Canal 5	29688
3.880	H	Red Canal 9	29688
3.917	H	TELEPUERTO.TUXTLA	3124
3.928	H	TELEVER	3124
3.952	H	{Empty}	12299
4.000	H	LESEA Network	26400
4.000	H	WHT - 1	26400
4.000	H	WHT - 2	26400
4.000	H	Angel 1&2	26400
4.000	H	Angel 1&2 - 2	26400
4.000	H	Angel 3&4	26400
4.000	H	Angel 3&4 - 2	26400
4.000	H	Angel 4&5	26400
4.000	H	Angel 4&5 - 2	26400
4.000	H	Future 1	26400
4.000	H	Future 1 - 2	26400
4.000	H	Future 2	26400
4.000	H	Future 2 - 2	26400
4.000	H	Future 3	26400
4.000	H	Future 3 - 2	26400
4.000	H	Pulse FM	26400
4.000	H	Pulse FM - 2	26400
4.000	H	Q-Tones	26400
4.140	V	Feed (ABC HD NET-2	29127
4.153	H	SERVICE 1	13235
4.180	V	Cartoon Network Lati	19510
4.180	V	Discovery Channel Me	19510
4.180	V	Fox Sports Latin Ame	19510
4.180	V	MultiCinema	19510
4.180	V	MultiPremier	19510
4.180	V	MVS Feeds	19510
GX04RKH			
11.800	H	America's Voice	19510
11.800	H	ESPN Extra PPV	19510
11.800	H	ESPN PPV 1	19510
11.800	H	ESPN PPV 2	19510
11.800	H	ESPN PPV 3	19510
11.800	H	ESPN PPV 4	19510
11.800	H	ESPN PPV 5	19510
11.800	H	ESPN PPV 6	19510
11.800	H	ESPN Now	19510
11.840	H	Bravo US	19510
11.840	H	HBO 2 West	19510
11.840	H	HBO Signature West	19510
11.840	H	HGTV US	19510
11.840	H	Love Stories West	19510
11.840	H	Mystery West	19510
11.840	H	Showtime Too West	19510
11.840	H	Starz! Theater West	19510
11.840	H	The History Channel	19510
11.840	H	The Movie Channel We	19510
11.840	H	Westerns West	19510
11.920	H	BBC America	19510
11.920	H	Discovery Health	19510
11.920	H	Discovery Kids	19510
11.920	H	ESPNews	19510
11.920	H	Fox Sports World	19510
11.920	H	Game Show Network	19510
11.920	H	IFC US	19510
11.920	H	Noggin	19510
11.920	H	Playboy TV	19510
11.920	H	The Golf Channel	19510
11.920	H	The Science Channel	19510
11.920	H	Turner Classic Movie	19510
11.960	H	Feed	26000
12.060	V	Action West	19510
12.060	V	Cinemax West	19510
12.060	V	Encore West	19510
12.060	V	HBO Family West	19510
12.060	V	HBO West	19510
12.060	V	MoreMax West	19510
12.060	V	Showtime Extreme Wes	19510
12.060	V	Showtime Showcase We	19510
12.060	V	Showtime West	19510
12.060	V	Starz! West	19510
12.060	V	The Movie Channel Xt	19510
12.060	V	True Stories West	19510
12.061	H	USPS TV	3125
12.077	H	PSTN 15	9000
12.077	H	PSTN 17	9000
12.077	H	PSTN 19	9000
12.077	H	PSTN 23	9000
12.160	H	DIY - Do It Yourse	19510
12.160	H	Fox Gold Atlantic	19510
12.160	H	Fox Gold Central	19510
12.160	H	Fox Gold Pacific	19510
12.160	H	Great American Count	19510
12.160	H	MBC Network	19510
12.160	H	NUE TV	19510
12.160	H	The Word Network	19510

Freq	Pol	Channel Name	Symbol rate
GX04RKV			
11.780	V	A&E History Internat	19510
11.780	V	Lifetime Movie Netwo	19510
11.780	V	MTV 2 US	19510
11.780	V	MuchMusic USA	19510
11.780	V	Nick Gas	19510
11.780	V	Style	19510
11.780	V	The Biography Channe	19510
11.780	V	Toon Disney	19510
11.780	V	TRIO	19510
11.820	V	Discovery Civilizati	19510
11.820	V	Discovery Home & Lei	19510
11.820	V	Discovery Wings	19510
11.820	V	ESPN 2	19510
11.820	V	ESPN Alternate	19510
11.820	V	National Geographic	19510
11.820	V	Speed Channel	19510
11.820	V	VH1 Classic	19510
11.820	V	VH1 Country	19510
11.820	V	50's Golden Oldies	19510
11.820	V	70's Oldies	19510
11.820	V	80's Hits	19510
11.820	V	Acid Jazz	19510
11.820	V	Album Rock	19510
11.820	V	Children's	19510
11.820	V	Classic Hits Blend	19510
11.820	V	Coffee House Rock	19510
11.820	V	Contemporary Christi	19510
11.820	V	Contemporary Instrum	19510
11.820	V	Dance	19510
11.820	V	Great Standards	19510
11.820	V	Holidays and Happeni	19510
11.820	V	Hot Country	19510
11.820	V	Lite Jazz	19510
11.820	V	New Age	19510
11.820	V	R&B Rap Hits	19510
11.820	V	Reggae	19510
11.820	V	Retro Dance	19510
11.820	V	Soft Hits	19510
11.880	H	Bravo US	19510
11.880	H	ESPN Classic	19510
11.880	H	HBO 2 East	19510
11.880	H	HBO Signature East	19510
11.880	H	HGTV US	19510
11.880	H	Love Stories East	19510
11.880	H	Mystery East	19510
11.880	H	Showtime Too East	19510
11.880	H	Starz! Theater East	19510
11.880	H	The History Channel	19510
11.880	H	The Movie Channel Ea	19510
11.880	H	Westerns East	19510
11.880	H	60's Oldies	19510
11.880	H	Adult Contemporary	19510
11.880	H	Classic Rock	19510
11.880	H	Lite Classical	19510
11.880	H	Urban Beat	19510
11.900	V	In Demand 1	19510
11.900	V	In Demand 2	19510
11.900	V	In Demand 3	19510
11.900	V	In Demand 4	19510
11.900	V	In Demand 5	19510
11.900	V	In Demand 6	19510
11.900	V	Outdoor Life Network	19510
11.900	V	Sci Fi	19510
11.900	V	The Hot Network	19510
11.900	V	TV Land	19510
11.900	V	WE - Women's Enterta	19510
11.900	V	Alternative Rock	19510
11.900	V	Hottest Hits	19510
11.900	V	Jazz Vocal Blends	19510
11.900	V	Listening Room	19510
11.900	V	Modern Country	19510
11.940	V	BET Action PPV	19510
11.940	V	BET on Jazz	19510
11.940	V	Black Starz! East	19510
11.940	V	Newsworld Internatio	19510
11.940	V	Ovation - The Arts N	19510
11.940	V	Spice 2	19510
11.940	V	Sundance Channel Wes	19510
11.940	V	The Box Edge	19510
11.940	V	The International Ch	19510
11.940	V	VH1 Soul	19510
11.940	V	Blues	19510
11.940	V	Classic Jazz	19510
11.940	V	Gospel	19510
11.940	V	Lite Classical	19510
11.940	V	Rap	19510
11.940	V	Symphonic	19510
11.940	V	Trends	19510
11.940	V	Urban Adult Contempo	19510
12.040	H	Action East	19510
12.040	H	Cinemax East	19510
12.040	H	Encore East	19510
12.040	H	HBO East	19510
12.040	H	HBO Family East	19510
12.040	H	MoreMax East	19510
12.040	H	Showtime East	19510
12.040	H	Showtime Extreme Eas	19510
12.040	H	Showtime Showcase Ea	19510
12.040	H	Starz! East	19510
12.040	H	The Movie Channel Xt	19510
12.040	H	True Stories East	19510
12.140	V	Bloomberg TV US	19510
12.140	V	Fox Movie Channel	19510
12.140	V	GoodLife TV Network	19510
12.140	V	Spice	19510
12.140	V	Tech TV	19510
12.140	V	The Inspirational Lif	19510
12.140	V	The Outdoor Channel	19510
12.140	V	Trinity Broadcasting	19510
12.187	V	01-CNN	8500
12.187	V	02-MSNBC	8500
12.187	V	03-CNBC	8500
12.187	V	Alt 01-CNN	8500
12.187	V	IdeaCast	8500
12.187	V	04-Channel 4	8500
North America			
GALAXY 25			
263.0 East (97.0 West)			
11.716	V	Best Turk	22000
11.716	V	RTA	22000
11.716	V	SUROYO TV	22000
11.716	V	American Liberty Rad	22000
11.716	V	KNLB FM Christian	22000
11.716	V	The Radio Nueva Vida	22000
11.716	V	VBS Radio	22000
11.789	V	BN BOSNIA	28125
11.789	V	Globecast 58	28125
11.789	V	Globecast 64	28125
11.789	V	Orange TV	28125
11.789	V	TVK	28125
11.789	V	Al Karma	28125
11.789	V	AL MAGHRIBIA	28125
11.789	V	Canal Algerie	28125
11.789	V	Kuwait 2	28125
11.789	V	Kuwait 3	28125
11.789	V	MHz Worldview	28125
11.789	V	Syrian Drama	28125
11.789	V	BN Bosnia Radio	28125
11.789	V	Al Maghribia Radio	28125
11.789	V	Radio Internationale	28125
11.789	V	TDA-1	28125
11.836	V	AL-ALAM	20765
11.836	V	Appadana	20765
11.836	V	Daystar TV	20765
11.836	V	IRIB 2	20765
11.836	V	IRINN	20765
11.836	V	NTD	20765

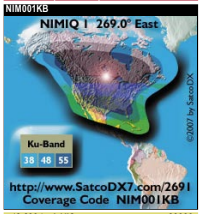
Freq	Pol	Channel Name	Symbol rate
11.836	V	Time TV	20765
11.836	V	TV 7 TUNIS	20765
11.836	V	TV Nejat	20765
11.836	V	Velayat TV	20765
11.836	V	INT 1	20765
11.836	V	INT 3	20765
11.836	V	INT 4	20765
11.836	V	Micro effect/CTR	20765
11.836	V	Overcomer/Star4	20765
11.836	V	Quran Radio	20765
11.836	V	RADIO MAAREF	20765
11.836	V	RADIO SARASARI	20765
11.836	V	Radio Seday-e Ashna	20765
11.836	V	RBN radio	20765
11.836	V	STAR1&2	20765
11.836	V	Star5 and AVR	20765
11.836	V	Tunis Radio1	20765
11.836	V	Tunis Radio2	20765
11.874	H	RTV21	22000
11.874	H	TV Klan	22000
11.874	H	Ariana Afghan	22000
11.874	H	DMC	22000
11.874	H	GlobeCast 217	22000
11.874	H	GlobeCast 218	22000
11.874	H	KJC TV	22000
11.874	H	LTV World	22000
11.874	H	Telepace	22000
11.874	H	USArmenia	22000
11.874	H	GLR Radio 1	22000
11.874	H	GLR Radio 2	22000
11.874	H	RTV21 Radio	22000
11.874	H	TV Klan Radio	22000
11.874	H	DZAR radio	22000
11.874	H	Futbol DP	22000
11.874	H	GlobeCast 219	22000
11.898	V	Amrita TV	22000
11.898	V	Asianet	22000
11.898	V	Asianet News	22000
11.898	V	Asianet Plus	22000
11.898	V	RTR Planeta	22000
11.898	V	SetantaSports	22000
11.898	V	Shalom TV	22000
11.898	V	ARTN TV	22000
11.898	V	Belarus TV	22000
11.898	V	Globecast 756	22000
11.898	V	NTA	22000
11.935	H	Armenian TV	20000
11.935	H	Bostel TV	20000
11.935	H	DFH-1	20000
11.935	H	DFH-2	20000
11.935	H	DFH-3	20000
11.935	H	DFH-4	20000
11.935	H	DFH-5	20000
11.935	H	DFHSports	20000
11.935	H	TV Romania	20000
11.935	H	Armenian Radio	20000
11.935	H	Bostel Radio	20000
11.935	H	DFHFM-1	20000
11.935	H	DFHFM-2	20000
11.935	H	Romanian Radio	20000
11.966	H	AGHAPY TV	22000
11.966	H	AL FAYHAA	22000
11.966	H	CNL	22000
11.966	H	Kurdsat	22000
11.966	H	Lao Star USA	22000
11.966	H	MRTV/Good Shepherd	22000
11.966	H	RODNOY	22000
11.966	H	TGN	22000
11.966	H	The Word Network	22000
11.966	H	TOTV	22000
11.966	H	TRT	22000
11.966	H	VTV-4	22000
11.966	H	EPersian Radio	22000
11.966	H	Kol Haneshama	22000
11.966	H	Spirit1	22000
11.966	H	TGN Radio	22000
11.991	V	CTN	22000
11.991	V	ERI TV	22000
11.991	V	Pink Plus	22000
11.991	V	Setanta 2	22000
11.991	V	Kuwait TV	22000
11.991	V	M2 Morocco	22000
11.991	V	RTS Diaspora	22000
11.991	V	Setanta Adhoc	22000
11.991	V	Simay Azadi	22000
11.991	V	Radio Pink	22000
11.991	V	Radio Zara FM	22000
11.991	V	Dimtsi Hafash	22000
11.991	V	M2 Morocco Radio	22000
11.991	V	RSI Radio	22000
11.991	V	Test 243	22000
11.998	H	KISB-001	20000
11.998	H	KISB-002	20000
11.998	H	KISB-003	20000
11.998	H	KISB-004	20000
11.998	H	KISB-005	20000
11.998	H	KISB-006	20000
11.998	H	Al Jazeera English	20000
11.998	H	KISB-007	20000
11.998	H	Saudi TV2	20000
11.998	H	TV Cancao Nova	20000
11.998	H	KISB Radio-001	20000
11.998	H	Radio Cancao Nova	20000
12.008	V	Knowledge Channel	3000
12.090	H	IPtv News1	20000
12.090	H	Lakorn Thai	20000
12.090	H	V Smile	20000
12.090	H	ZHONG	20000
12.090	H	ABN	20000
12.090	H	ANDISHEH TV	20000
12.090	H	ARIA INTERNATIONA	20000
12.090	H	CASPIAN TV	20000
12.090	H	Hitz and Health	20000
12.090	H	HZTV	20000
12.090	H	ICtv	20000
12.090	H	ISHTAR TV	20000
12.090	H	LAO Champa TV	20000
12.090	H	LIVE CHANNEL	20000
12.090	H	MKTV	20000
12.090	H	NAT TV	20000
12.090	H	PARS TV	20000
12.090	H	TAMASHA	20000
12.090	H	DWRR	20000
12.090	H	DZMM	20000
12.090	H	RSI	20000
12.115	V	AFN MUSIC CHANNEL	22425
12.115	V	AMGA	22425
12.115	V	CTVN	22425
12.115	V	Fox Channel	22425
12.115	V	HORIZON ARMENIAN	22425
12.115	V	IMPACT TV	22425
12.115	V	ITC	22425
12.115	V	Love World	22425
12.115	V	NEWS1	22425
12.115	V	Open 1	22425
12.115	V	Open 2	22425
12.115	V	Pastor Scott	22425
12.115	V	Payam E Azadi	22425
12.115	V	SAFE TV	22425
12.115	V	Accent Radio	22425
12.115	V	Access America	22425
12.115	V	KQLZ.ORG	22425
12.115	V	Radio Cristo Vive	22425
12.121	H	ABSCBN TEST 1	20000
12.121	H	ABSCBN TEST 2	20000
12.121	H	CT Showtime	20000
12.121	H	DAAI	20000
12.121	H	KAFG TV	20000
12.121	H	Markazi TV	20000
12.121	H	ME TV	20000
12.121	H	NOORTV	20000
12.121	H	Payam-E-Afghan	20000
12.121	H	Persian Bazaar TV	20000
12.121	H	PERSIANTV	20000
12.121	H	PITT 13	20000
12.121	H	PITT 14	20000
12.121	H	KRSI	20000
12.121	H	Radio 15	20000
12.121	H	Radio 17	20000
12.121	H	Radio 18	20000
12.153	H	ARIA MEHR TV	20000
12.153	H	ETV	20000
12.153	H	GlobeCast 465	20000
12.153	H	Iran TV	20000
12.153	H	Jaam-E-Jam	20000

Freq	Pol	Channel Name	Symbol rate
12.153	H	Omid-E-Iran	20000
12.153	H	PEN TV	20000
12.153	H	Russia Today	20000
12.153	H	Tapesh TV	20000
12.153	H	Tasvir Iran	20000
12.153	H	Bahai Radio	20000
12.153	H	EthiopianRadio	20000
12.153	H	GlobeCast 12	20000
12.153	H	Radio Seoul	20000
12.177	V	BTV	23000
12.177	V	CCN	23000
12.177	V	CHURCH CHANNEL	23000
12.177	V	GODS LEARNING CH	23000
12.177	V	House of Yahweh	23000
12.177	V	JCTV	23000
12.177

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
12.175	V	JR/YM MUSIC	5147
12.177	V	MACYS 4	5147
12.177	V	MACYS 5	5147
12.177	V	Flower Show	5147
12.177	V	JR/YM MUSIC	5147
12.190	V	Feed	2098
North America			
GALAXY 11.17			
269.0 East (91.0 West)			
GXY011CB			

3.720	H	The CW Central/Mount	26700
3.720	H	The CW East	26700
3.720	H	The Cw West	26700
3.740	V	Fox Sports Feeds (Ba	27800
3.740	V	Fox Sports Feeds (Bi	27800
3.740	V	Fox Sports Feeds (	27800
3.740	V	Fox Sports Feeds (	27800
3.740	V	Fox Sports Feeds (	27800
3.740	V	Fox Sports Feeds (	27800
3.740	V	Fox Sports Feeds (	27800
3.740	V	Fox Sports Feeds (	27800
3.780	V	FX West	30000
3.800	H	ALT 2	30000
3.800	H	FBNHD	30000
3.800	H	FXEHD	30000
3.800	H	NGHD	30000
3.800	H	Out of Svc	30000
3.800	H	Out Service 248	30000
3.800	H	PPV	30000
3.800	H	TVG	30000
3.820	V	Atlantic	30000
3.820	V	Central	30000
3.820	V	FMC	30000
3.820	V	Fox News	30000
3.820	V	Nat Geo	30000
3.820	V	Pacific	30000
3.820	V	Network B/U	30000
3.820	V	FMC CRN	30000
3.840	H	Comcast HD	29250
3.840	H	VERSUS AC3	29250
3.840	H	CRS ALT MPEG	29250
3.840	H	mtn	29250
3.840	H	Sports Net West	29250
3.840	H	SportsNet NW (Portla	29250
3.840	H	Versus Alternate AC3	29250
3.840	H	VERSUS MPEG	29250
3.840	H	Versus Alternate Mpe	29250
3.860	V	Espanol	30000
3.860	V	Fuel	30000
3.860	V	Reality	30000
3.860	V	Soccer	30000
3.860	V	Speed	30000
3.860	V	FBN - Fox Business	30000
3.860	V	Future 2	30000
3.860	V	Future 2-Dig	30000
3.920	H	Africa	26000
3.920	H	Europe audios 3 & 4	26000
3.920	H	ac-3 US domestic	26000
3.920	H	Canada	26000
3.920	H	Canada AC-3	26000
3.920	H	David Radio	26000
3.920	H	Domestic	26000
3.920	H	Domestic-English onl	26000
3.920	H	Enc7 AC3	26000
3.920	H	EWTN Europe Englis	26000
3.920	H	EWTN Europe Intern	26000
3.920	H	latin AC-3	26000
3.920	H	PAC RIM	26000
3.920	H	Radio 95	26000
3.920	H	Radio 96	26000
3.920	H	Real SP & Radio	26000
3.920	H	Span Dom	26000
3.920	H	Span Int	26000
3.920	H	WEWN	26000
3.920	H	covenant	26000
3.920	H	Eurobird	26000
3.920	H	EWTN Audio Test	26000
3.920	H	Fund Appeal	26000
3.920	H	Occasional	26000
3.920	H	Radio 97	26000
3.920	H	Radio 98	26000
3.920	H	radio Direct	26000
3.920	H	Radio Pas	26000
3.920	H	Sirius satellite rad	26000
3.920	H	wewn	26000
3.920	H	WQOP-IHR	26000
4.007	H	KLUZ-TV	2480
4.014	H	THE WORD NETWORK	6620
4.040	H	Fox Sports Feeds (	27800
4.040	H	Fox Sports Feeds (	27800
4.040	H	Fox Sports Feeds (	27800
4.040	H	Fox Sports Feeds ((E	27800
4.082	H	SHOP AT HOME	3300
4.089	H	JEWELRY TV	3300
4.092	H	ADHOC	2170
4.120	H	The Hallmark Channel	19510
4.135	H	TOC - DVIDS 1	6112
4.135	H	TOC - DVIDS 2	6112
11.865	V	Unknown	2500
12.060	V	FETN	26700
12.060	V	HSTN	26700
12.060	V	LETN	26700
12.060	V	LTCN	26700
12.060	V	Occasional Use - 4	26700
12.060	V	Occasional Use - 1	26700
12.060	V	Occasional Use - 2	26700
12.060	V	Occasional Use - 3	26700
12.060	V	TXCN	26700
12.060	V	AAFES	26700
12.135	V	Unknown	15000
3.780	H	ALT 1	30000
3.780	H	ALT 2	30000
3.780	H	FX East	30000
3.780	H	FX West	30000
3.780	H	Out of Svc	30000
3.780	H	Out Service 248	30000
3.780	H	PPV	30000
3.780	H	TVG	30000
4.013	H	THE WORD NETWORK	6620
4.133	H	TOC - DVIDS 1	6111
4.133	H	TOC - DVIDS 2	6111
4.140	V	FBNHD	27800
4.140	V	FNCHD	27799
4.140	V	FXEHD	27800
4.140	V	FXWHD	27799
4.140	V	NGHD	27800
4.140	V	SPDHD	27799
North America			
NIMIQ 1			
269.1 East (90.9 West)			
NIM001KB			



12.239	L	A-VIC	20000
12.239	L	CW11	20000
12.239	L	GAME	20000
12.239	L	HLTH	20000
12.239	L	NCAR4	20000
12.239	L	NHL8	20000
12.239	L	OLN	20000
12.239	L	OUTTV	20000
12.239	L	RAI	20000
12.239	L	VICDv	20000
12.239	L	Vu15	20000
12.239	L	Vu24	20000
12.239	L	VuF1	20000
12.239	L	CBC1T	20000
12.253	R	VNU10	20000
12.253	R	VNUS*	20000
12.253	R	VNUS0	20000
12.253	R	VNUS1	20000
12.253	R	VNUS2	20000
12.253	R	VNUS3	20000
12.253	R	VNUS4	20000
12.253	R	VNUS5	20000
12.253	R	VNUS6	20000
12.253	R	VNUS7	20000
12.253	R	VNUS8	20000
12.253	R	VNUS9	20000
12.268	L	A&E	20000
12.268	L	CTV-T	20000
12.268	L	CTVDv	20000
12.268	L	FOXNC	20000
12.268	L	GLB-T	20000
12.268	L	GLBDv	20000
12.268	L	IDMTV	20000
12.268	L	SETNA	20000
12.268	L	SPACE	20000
12.268	L	SPCDv	20000
12.268	L	STAR	20000
12.268	L	TLC	20000
12.268	L	VuF18	20000
12.268	L	GXY18	20000
12.268	L	GXY2	20000
12.268	L	GXY3	20000
12.268	L	GXY30	20000
12.268	L	GXY4	20000
12.268	L	GXY7	20000
12.268	L	WRN	20000
12.282	R	CTV-R	20000
12.282	R	CTV-w	20000
12.282	R	CTV-W	20000
12.282	R	DEJA	20000
12.282	R	FOXSP	20000
12.282	R	MSTRY	20000
12.282	R	MTIME	20000
12.282	R	VIVA	20000
12.282	R	GXY31	20000
12.282	R	GXY32	20000
12.282	R	GXY33	20000
12.282	R	GXY36	20000
12.282	R	GXY45	20000
12.282	R	HERZ	20000
12.282	R	POWER	20000
12.297	L	BluVu	20000
12.297	L	COSMO	20000
12.297	L	IFC	20000
12.297	L	MLB4	20000
12.297	L	NFL4	20000
12.297	L	NHL-I	20000
12.297	L	NHL4	20000
12.297	L	PHDIS	20000
12.297	L	RAPTR	20000
12.297	L	TNGR1	20000
12.297	L	XPRS*	20000
12.297	L	XPRS2	20000
12.297	L	XPRS2*	20000
12.311	R	BBCWN	20000
12.311	R	DvEPG	20000
12.311	R	E!Dv	20000
12.311	R	E!ONT	20000
12.311	R	GLB-E	20000
12.311	R	NBC-E	20000
12.311	R	SCORE	20000
12.311	R	Vu14	20000
12.311	R	Vu2	20000
12.311	R	Vu7	20000
12.311	R	VuF7	20000
12.311	R	WSBK	20000
12.311	R	NPR	20000
12.341	R	APTNn	20000
12.341	R	BabyE	20000
12.341	R	BabyF	20000
12.341	R	BabyS	20000
12.341	R	CITYV	20000
12.341	R	CTV-V	20000
12.341	R	DvCTV	20000
12.341	R	DvCTY	20000
12.341	R	DvE!	20000
12.341	R	DvPBS	20000
12.341	R	E!BC	20000
12.341	R	ITV	20000
12.341	R	PBS-W	20000
12.341	R	SUNTV	20000
12.341	R	TV5	20000
12.341	R	Vu	20000
12.341	R	Vu6	20000
12.341	R	VuF6	20000
12.341	R	VuS32	20000
12.355	L	ABC-W	20000
12.355	L	ANIML	20000
12.355	L	BNN	20000
12.355	L	HGTDv	20000
12.355	L	HGTV	20000
12.355	L	MMM	20000
12.355	L	MPIX	20000
12.355	L	NCAA1	20000
12.355	L	NFL6	20000
12.355	L	SNETP	20000
12.355	L	SRC-W	20000
12.355	L	TREDv	20000
12.355	L	TREE	20000
12.355	L	Vu30	20000
12.355	L	DESJA	20000
12.355	L	GXY10	20000
12.355	L	GXY11	20000
12.355	L	GXY20	20000
12.355	L	GXY21	20000
12.355	L	GXY23	20000
12.355	L	GXY38	20000
12.370	R	BET	20000
12.370	R	CNN	20000
12.370	R	FOX-W	20000
12.370	R	MET*	20000
12.370	R	METEO	20000
12.370	R	MLB8	20000
12.370	R	NFL-N	20000
12.370	R	NHL-C	20000
12.370	R	NHL-E	20000
12.370	R	NPAS	20000
12.370	R	PBS-E	20000
12.370	R	PBSDv	20000
12.370	R	Vu19	20000
12.370	R	WEA	20000
12.370	R	WEA*	20000
12.370	R	WGN	20000
12.370	R	NPR*	20000
12.384	L	CAN-D	20000
12.384	L	CAN-H	20000
12.384	L	CAN-Z	20000
12.384	L	SE	20000
12.384	L	SE2	20000
12.384	L	SE3	20000
12.384	L	SE4	20000
12.384	L	SERIE	20000
12.384	L	SRC-V	20000
12.384	L	VRAK	20000
12.384	L	DRM	20000
12.384	L	WAHSA	20000
12.399	R	CBC-A	20000
12.399	R	CBC-a	20000
12.399	R	FIGHT	20000
12.399	R	LIONS	20000
12.399	R	MCTV	20000
12.399	R	MCTV*	20000
12.399	R	NCAA4	20000
12.399	R	NFL9	20000
12.399	R	NHL7	20000
12.399	R	NHLMH	20000
12.399	R	OMNI1	20000
12.399	R	SPRDv	20000
12.399	R	SUPR1	20000
12.399	R	TROP	20000
12.399	R	TRPDv	20000
12.399	R	VISON	20000
12.399	R	Vison	20000
12.399	R	Vu25	20000
12.399	R	Vu27	20000
12.399	R	XPRS	20000
12.414	L	CBC-M	20000
12.414	L	CIVIL	20000
12.414	L	ESPNc	20000
12.414	L	MUSMX	20000
12.414	L	OMNI2	20000
12.414	L	ONE	20000
12.414	L	ONEDv	20000
12.414	L	Prise	20000
12.414	L	RCVu3	20000
12.414	L	RCVu3*	20000
12.414	L	SHO-E	20000
12.414	L	SPIKE	20000
12.414	L	VuF17	20000
12.414	L	OnHD	20000
12.428	R	ASN	20000
12.428	R	BOOK	20000
12.428	R	CITYW	20000
12.428	R	COURT	20000
12.428	R	GLB-H	20000
12.428	R	HPI-C	20000
12.428	R	HPI-C*	20000
12.428	R	HPI-W	20000
12.428	R	HPI-W*	20000
12.428	R	MLB1	20000
12.428	R	NFL1	20000
12.428	R	NHL1	20000
12.428	R	NTV	20000
12.428	R	SUPR2	20000
12.428	R	WLDTV	20000
12.443	L	ATV	20000
12.443	L	CBC-H	20000
12.443	L	CBCDC	20000
12.443	L	CITYE	20000
12.443	L	KNOW	20000
12.443	L	SCN	20000
12.443	L	CBC1H	20000
12.443	L	CBC1V	20000
12.443	L	CBC2V	20000
12.443	L	CHED	20000
12.443	L	OZ-FM	20000
12.443	L	PC-V	20000
12.443	L	VOAR	20000
12.457	R	EA1	20000
12.457	R	EA2	20000
12.457	R	FAM-W	20000
12.457	R	FMLY	20000
12.457	R	GolSP	20000
12.457	R	GolTV	20000
12.457	R	HBO2	20000
12.457	R	MC1	20000
12.457	R	MC2	20000
12.457	R	MC3	20000
12.457	R	TOONE	20000
12.457	R	TOONF	20000
12.457	R	TOONW	20000
12.457	R	TTeDv	20000
12.457	R	TTfDv	20000
12.457	R	TTwDv	20000
12.457	R	CBC2T	20000
12.472	L	AOV	20000
12.472	L	AOV-M	20000
12.472	L	CBC-C	20000
12.472	L	CITYC	20000
12.472	L	CTV-C	20000
12.472	L	CTV-c	20000
12.472	L	GLB-C	20000
12.472	L	GLB-S	20000
12.472	L	GLCDv	20000
12.472	L	GLSDv	20000
12.472	L	MIRCL	20000
12.472	L	PLBOY	20000
12.472	L	SEXTV	20000
12.472	L	VENUS	20000
12.472	L	105FM	20000
12.472	L	960AM	20000
12.472	L	EDGE	20000
12.472	L	RIGA	20000
12.472	L	PLBOYV	20000
12.472	L	VENUSV	20000
12.486	R	CBC-w	20000
12.486	R	CBC-W	20000
12.486	R	CBCaa	20000
12.486	R	CMT	20000
12.486	R	DOCU	20000
12.486	R	GOLF	20000
12.486	R	NCAR1	20000
12.486	R	NEWS2	20000
12.486	R	PPVu	20000
12.486	R	PPVu*	20000
12.486	R	TECH	20000
12.486	R	TRAVL	20000
12.486	R	TVA-R	20000
12.486	R	VnBuy	20000
12.486	R	Vu21	20000
12.486	R	YTV-W	20000
12.486	R	YTVWV	20000
12.486	R	MLB13	20000
12.486	R	NFL14	20000
12.486	R	VNUS	20000
12.486	R	VuBuy	20000
12.486	R	VuCOM	20000
12.486	R	XPRS5	20000
12.516	R	ABC-E	20000
12.516	R	CAN-V	20000
12.516	R	CBCNW	20000
12.516	R	GLB-w	20000
12.516	R	GLB-W	20000
12.516	R	M-XS	20000
12.516	R	MLB5	20000
12.516	R	NFL5	20000
12.516	R	NHL5	20000
12.516	R	SNETW	20000
12.516	R	SUPR3	20000
12.516	R	Vu31	20000
12.516	R	Vu8	20000
12.516	R	Vu9	20000
12.516	R	VuF8	20000
12.516	R	VuF9	20000
12.516	R	WFN	20000
12.516	R	GXY26	20000
12.516	R	GXY28	20000
12.516	R	GXY29	20000
12.516	R	GXY39	20000
12.516	R	GXY5	20000
12.516	R	GXY8	20000
12.516	R	METRO	20000
12.516	R	BTVM	20000
12.516	R	VUMAG	20000
12.530	L	ANQ	20000
12.530	L	CAN-E	20000
12.530	L	CAN-S	20000
12.530	L	LCN	20000
12.530	L	SRC-M	20000
12.530	L	TELEQ	20000
12.530	L	TQS-M	20000
12.530	L	TVA-M	20000
12.530	L	TVA-O	20000
12.530	L	CC-M	20000
12.530	L	CJAD	20000
12.530	L	CJPX	20000
12.530	L	CKAC	20000
12.530	L	METO	20000
12.530	L	PC-M	20000
12.545	R	CITYT	20000
12.545	R	CP24	20000
12.545	R	CTYDv	20000
12.545	R	FOX-E	20000
12.545	R	Kids	20000
12.545	R	KIDS*	20000
12.545	R	M	20000
12.545	R	NCAA5	20000
12.545	R	NHL10	20000
12.545	R	RCVu4	20000
12.545	R	RCVu4*	20000
12.545	R	SNETE	20000
12.545	R	Vu10	20000
12.545	R	Vu11	20000
12.545	R	VuF10	20000
12.545	R	VuF11	20000
12.545	R	VuF15	20000
12.545	R	VuF3	20000
12.559	L	CJRT	20000
12.559	L	CBC-V	20000
12.559	L	CBS-W	20000
12.559	L	COMM	20000
12.559	L	DvCBC	20000
12.559	L	M-FUN	20000
12.559	L	MFEST	20000
12.559	L	NFL11	20000
12.559	L	RDI	20000
12.559	L	SLICE	20000
12.559	L	TSN	20000
12.559	L	Vu4	20000
12.559	L	VuF13	20000
12.559	L	VuPPV	20000
12.559	L	VuPPV*	20000
12.559	L	1200	20000
12.574	R	CBS-E	20000
12.574	R	D-KDS	20000
12.574	R	DvGLB	20000
12.574	R	GLB-V	20000
12.574	R	LEAFS	20000
12.574	R	MLB2	20000
12.574	R	MPPIX	20000
12.574	R	MUCH	20000
12.574	R	NHL2	20000
12.574	R	TAC	20000
12.574	R	Vu1	20000
12.574	R	Vu3	20000
12.574	R	Vu5	20000
12.574	R	VuF5	20000
12.574	R	NFL2	20000
12.574	R	GXY34	20000
12.574	R	GXY40	20000
12.574	R	GXY41	20000
12.574	R	GXY42	20000
12.574	R	GXY44	20000
12.574	R	STiS	20000
12.588	L	ARGNT	20000
12.588	L	ARTV	20000
12.588	L	cnpop	20000
12.588	L	MENTV	20000
12.588	L	Mystr	20000
12.588	L	RDS	20000
12.588	L	SRC-Q	20000
12.588	L	TVASa	20000
12.588	L	TVASh	20000
12.588	L	680am	20000
12.588	L	GXY1	20000
12.588	L	GXY15	20000
12.588	L	GXY16	20000
12.588	L	GXY17	20000
12.588	L	GXY43	20000
12.588	L	GXY9	20000
12.589	L	ARGNT	20000
12.589	L	ARTV	20000
12.589	L	cnpop	20000
12.589	L	MENTV	20000
12.589	L	Mystr	20000
12.589	L	RDS	20000
12.589	L	SRC-Q	20000
12.589	L	TVASa	20000
12.589	L	TVASh	20000
12.589	L	680am	20000
12.589	L	GXY1	20000
12.589	L	GXY15	20000
12.589	L	GXY16	20000
12.589	L	GXY17	20000
12.589	L	GXY43	20000
12.589	L	GXY9	20000
12.603	R	APTN	20000
12.603	R	BIO	20000
12.603	R	BPM	20000
12.603	R	CTS	20000
12.603	R	HNN	20000
12.603	R	MTV2	20000
12.603	R	NCAA6	20000
12.603	R	NCAR3	20000
12.603	R	NFL10	20000
12.603	R	NHL9	20000
12.603	R	RCVu5	20000
12.603	R	RCVu5*	20000
12.603	R	SHO-W	20000
12.603	R	TELAT	20000
12.603	R	Vu23	20000
12.603	R	VuF14	20000
12.603	R	VuF16	20000
12.618	L	ACTN	20000
12.618	L	CHEX	20000
12.618	L	CRKT1	20000
12.618	L	DIVA	20000
12.618	L	DRVin	20000
12.618	L	FiseL	20000
12.618	L	FTV	20000
12.618	L	NHLVu	20000
12.618	L	PEACH	20000
12.618	L	RCV10	20000
12.618	L	RCV10*	20000
12.618	L	RCVu6	20000
12.618	L	RCVu6*	20000
12.618	L	RCVu7	20000
12.618	L	RCVu7*	20000
12.618	L	TFO	20000
12.618	L	Vu16	20000
12.618	L	AM640	20000
12.618	L	{Empty}	20000
12.632	R	A-BAR	20000
12.632	R	BARDv	20000
12.632	R	CBCNA	20000
12.632	R	CNBC	20000
12.632	R	EVNTS	20000
12.632	R	GEO	20000
12.632	R	MVOLA	20000
12.632	R	NCAA2	20000
12.632	R	NFL7	20000
12.632	R	RIS	20000
12.632	R	SWAP	20000
12.632	R	TOONR	20000
12.632	R	Vu-F	20000
12.632	R	Vu12	20000
12.632	R	Vu29	20000
12.632	R	VuFr	20000
12.632	R	VuP32	20000
12.647	L	96FM	20000
12.647	L	BBC-C	20000
12.647	L	BBC-K	20000
12.647	L	BRAVO	20000
12.647	L	CBC-O	20000
12.647	L	CTV-e	20000
12.647	L	CTV-E	20000
12.647	L	KTLA	20000
12.647	L	NCAA3	20000
12.647	L	NEWS1	20000
12.647	L	NFL8	20000
12.647	L	RCVu8	20000
12.647	L	RCVu8*	20000
12.647	L	TSN2	20000
12.647	L	TVA-G	20000
12.647	L	Vu13	20000
12.647	L	Vu18	20000
12.647	L	Vu28	20000
12.661	R	A-OTT	20000
12.661	R	ACCES	20000
12.661	R	CMDY	20000
12.661	R	COMDv	20000
12.661	R	NFL12	20000
12.661	R	NHL-N	20000
12.661	R	NHL6	20000
12.661	R	RCVu9	20000
12.661	R	RCVu9*	20000
12.661	R	SRC-A	20000
12.661	R	SUPR4	20000
12.661	R	TVO	20000
12.661	R	Vu17	20000
12.661	R	Vu26	20000
12.661	R	VuF12	20000
12.661	R	VuF2	20000
12.661	R	ALERT	20000
12.661	R	ALRT	20000
12.661	R	LOCK	20000
12.661	R	Vu-F*	20000
12.661	R	{Empty}	20000
12.661	R	Q107	20000
12.661	R	{Empty}	20000
12.676	L	ADR	20000
12.676	L	CTMDv	20000
12.676	L	CTV-M	20000
12.676	L	SRCSh	20000
12.676	L	TQS-Q	20000
12.676	L	TQSRL	20000
12.676	L	TQSSa	20000
12.676	L	TQSSh	20000
12.676	L	TVA-Q	20000
12.676	L	TVARL	20000
12.676	L	TVARN	20000
12.676	L	GXY12	20000
12.676	L	GXY13	20000
12.676	L	GXY14	20000
12.676	L	GXY22	20000
12.676	L	GXY24	20000
12.676	L	GXY6	20000
12.224	R	A-LON	20000
12.224	R	CBC-L	20000
12.224	R	CPAC	20000
12.224	R	CPACF	20000
12.224	R	CTV-L	20000
12.224	R	HIST	20000
12.224	R	HSTDv	20000
12.224	R	ISSUE	20000
12.224	R	MTV	20000
12.224	R	RCVu0	20000
12.224	R	RCVu0*	20000
12.224	R	TSC	20000
12.224	R	TVLND	20000
12.224	R	Vu22	20000
12.224	R	RFI	20000
12.501	L	GOLD	20000
12.501	L	CFJC	20000
12.501	L	CMDYW	20000
12.501	L	DvCom	20000
12.501	L	NCAR	20000
12.501	L	RCVu1	20000
12.501	L	RCVu1*	20000
12.501	L	RCVu2	20000
12.501	L	RCVu2*	20000
12.501	L	SCRM	20000
12.501	L	SPEED	20000
12.501	L	TROPW	20000
12.501	L	VIBE	20000
12.501	L	Vu20	20000
12.501	L	W	20000
12.501	L	YTV-E	20000
12.501	L	FAN	20000
4.140	H	Crawford HD 1	29270
South America			
GALAXY 28			
271.2 East (88.8 West)			
11.882	H	Service 1	4883
11.960	H	19 - Home & Health	28800
11.960	H	20 - IIGD	28800
11.960	H	21 - CJC	28800
11.960	H	22 - RTPI	28800
11.960	H	23 - Climatempo	28800
11.960	H	24 - Band Sport	28800
11.960	H	25 - Discovery Turbo	28800
11.960	H	26 - TCM	28800
11.960	H	27 - Animal Planet	28800
11.960	H	28 - ESPN Brasil	28800
11.960	H	29 - Travel & Living	28800
11.960	H	30 - WooHoo	28800
11.960	H	31 - Ra Tim Bum	28800
11.960	H	32 - Hallmark	28800
11.960	H	33 - Discovery Scien	28800
11.960	H	34 - Disc. Civilizat	28800
11.960	H	35 - NatGeo	28800
11.960	H	36 - TVE - Play Hous	28800
12.000	H	01 - RIT	28800
12.000	H	02 - RIT Noticias	28800
12.000	H	03 - SOS Espiritual	28800
12.000	H	04 - TV Escola - Ig	28800
12.000	H	05 - Nuestra TV	28800
12.000	H	06 - DW TV	28800
12.000	H	07 - TV Enlace	28800
12.000	H	08 - Terra Viva	28800
12.000	H	09 - Bandeirantes	28800
12.000	H	10 - Fox Life	28800
12.000	H	11 - Bloomberg	28800
12.000	H	12 - Boomerang	28800
12.000	H	13 - Discovery Chann	28800
12.000	H	14 - Discovery Kids	28800
12.000	H	15 - Disney Channel	28800
12.000	H	16 - ESPN Internatio	28800
12.000	H	17 - TNT	28800
12.000	H	18 - CNN Espanhol	28800
12.134	H	Television 1	4000
AMC 3			
273.0 East (87.0 West)			
AMC003CB			

3.719	H	Michigan Government	4167
3.732	H	APTN3 +442074827430	5632
3.744	H	Michigan Government	3520
3.810	V	A copy of A copy of	14000
3.810	V	A copy of Test Chann	14000
3.810	V	FSN alt programming	14000
3.810	V	MSC m	14000
3.810	V	MSC w	14000
3.830	V	BALT DMA Blackout	14000
3.830	V	CSN Alternate Channe	14000
3.830

SatcoDX Global Satellite Chart 04/2009

NAH001K3

Freq	Pol	Channel Name	Symbol rate
11.478	V	TV Libre	2220
11.585	V	Canal 11	3700
11.603	V	Canal 27 Guatemala	3600
11.611	V	Unsion Equador	3400
11.626	V	Canal 48 Honduras	3600
11.633	V	Conexion 31 Promos	3600
11.633	V	Nahuel Promos	3600
11.675	V	TV Libre Uruguay	3600
11.708	V	Canal Rural Satelita	12000
11.708	V	Conexion Educativa	12000
11.708	V	Nahuel Promos	12000
11.708	V	SEMSAT - Sembrando	12000
11.739	V	Red Media Educativa	1482
11.949	H	Hipodromo	4688

C-Band: BRASILSAT B4
290.0 East (70.0 West)

BRA01CN

Freq	Pol	Channel Name	Symbol rate
3.820	V	ACTION	27500
3.820	V	CULT	27500
3.820	V	EMOTION	27500
3.820	V	Feeds	27500
3.820	V	Multishow	27500
3.820	V	MULTISHOW	27500
3.820	V	PIPOCA	27500
3.820	V	PREMIERE4	27500
3.820	V	PREMIUM	27500
3.820	V	Telecine Action	27500
3.820	V	Telecine Classic	27500
3.820	V	Telecine Emotion	27500
3.820	V	Telecine Happy	27500
3.820	V	Telecine Premium	27500
3.820	V	CCP DOWNLOAD	27500
3.820	V	DCP DOWNLOAD	27500
3.820	V	VC for ENC1P10	27500
3.820	V	VC for ENC1P8	27500
3.820	V	VC for ENC1P9	27500
3.875	V	TV RECORD SP	5926
3.900	V	BRASIL	27500
3.900	V	Canal Brazil	27500
3.900	V	Feeds	27500
3.900	V	feeds	27500
3.900	V	Globo News	27500
3.900	V	GLOBONEWS	27500
3.900	V	GNT	27500
3.900	V	PREMIERE5	27500
3.900	V	PREMIERE6	27500
3.900	V	Sexy Hot	27500
3.900	V	SEXYHOT	27500
3.900	V	UNIVERSAL	27500
3.900	V	USA Network Brazil	27500
3.900	V	VC for ENC2P10	27500
3.900	V	VC for ENC2P8	27500
3.900	V	VC for ENC2P9	27500
3.940	V	CANAL 7	27500
3.940	V	Feeds	27500
3.940	V	Premiere 1	27500
3.940	V	Premiere 2	27500
3.940	V	Premiere 3	27500
3.940	V	SporTV	27500
3.940	V	CANAL 6	27500
3.940	V	CCP Download (sistem	27500
3.940	V	DCP Download (sistem	27500
3.955	H	TV Ceara-Educativa	4400
3.964	H	TV MUNDO MAIOR	1328
3.965	V	TV ESCOLA	2930
3.965	V	TV Escola	2930
3.973	V	Biblioteca Digital M	4030
3.978	V	Cine Brasil	1220
3.979	V	CBED CH2	3616
3.979	V	REDE CBED	3616
3.981	V	TV CBED	1808
3.984	H	Rede Nacional	1808
3.984	H	Test Card	1808
4.010	H	ESPN Brasil	13021
4.010	H	ESPN Brasil Altern	13021
4.010	H	MTV 2	13021
4.010	H	MTV Brasil	13021
4.040	H	Animal Planet	30000
4.040	H	Band News	30000
4.040	H	Band Sports	30000
4.040	H	Boomerang	30000
4.040	H	Canal Brasil	30000
4.040	H	Cartoon Network	30000
4.040	H	Discovery Channel	30000
4.040	H	Discovery Kids	30000
4.040	H	People & Arts	30000
4.040	H	TCM	30000
4.040	H	Teste	30000
4.040	H	TNT	30000
4.040	H	Climatempo	30000
4.047	V	TV Amazonas	7150
4.047	V	Amazon Sat	7150
4.047	V	Amazonas FM	7150

BRA03CR

Freq	Pol	Channel Name	Symbol rate
3.628	H	TV Camara	3000
3.628	H	Radio Camara FM	3000
3.634	H	TV Seculo 21	4500
3.642	H	NGT	3263
3.645	V	TV Senado	3213
3.645	V	Radio Senado FM	3213
3.648	H	TV Liberal	4285
3.648	H	Canal dois (AM/FM)	4285
3.648	H	Radio Liberal AM	4285
3.648	H	Radio Liberal FM	4285
3.650	V	Rede Transporte	4400
3.656	H	TV Brasil Central	3392
3.656	V	TV Meio Norte	4463
3.656	H	Empty audio channel	3392
3.656	V	Radio Brasil Sat	4463
3.656	V	Radio Brasil Sat FM	4463
3.663	V	Unnamed	4607
3.663	V	TV Bahia	4607
3.663	V	Rede Tropicalsat	4607
3.665	H	Rede Bandeirantes Mi	4700
3.665	H	Band FM de Minas Ger	4700
3.672	V	TV Alterosa	8454
3.672	H	TV Centro America	4713
3.672	V	Radio Guarani FM	8454
3.680	H	Rede Globo Minas Ger	6000
3.685	H	Rede Vida Feeds	4500
3.688	H	Rede Globo Sao Paolo	6000
3.696	H	Rede Minas	3598
3.696	H	Radio Inconfidencia	3598
3.703	V	TV Difusora do Maran	3250
3.703	V	Difusora FM-AM	3250
3.708	V	TV Mirante	3250
3.708	V	Radio Mirante AM	3250
3.708	V	Radio Mirante FM	3250
3.714	H	Rede Record Minas Ge	4400
3.714	V	Service 1	4400
3.714	V	Rede Aleluia Minas G	4400
3.752	V	SBT	6220

South-West South America
ESTRELA DO SUL 1
297.1 East (62.9 West)

Freq	Pol	Channel Name	Symbol rate
11.577	V	VTR-1	3124
11.581	V	VTR-2	3125
11.598	V	VIA X	3124
11.640	V	Business TV	18099
11.640	V	Camara Diputados	18099
11.640	V	Canal 13	18099
11.640	V	MEGA	18099
11.640	V	Chilevision	18099
11.640	V	Senado	18099
11.640	V	Teletrak	18099
11.640	V	Test Radio	18099
11.807	H	ANTV	26668
11.807	H	Baby TV	26668
11.807	H	Canal Capital	26668
11.807	H	Canal de las Estrell	26668
11.807	H	City TV	26668
11.807	H	ESPN	26668
11.807	H	Fox Channel	26668
11.807	H	Globovision	26668
11.807	H	La Tele	26668
11.807	H	Meridiano	26668
11.807	H	RCTV Internacional	26668
11.807	H	Telenovelas	26668
11.807	H	Telesur	26668
11.807	H	TeleSur	26668
11.807	H	Telesur	26668
11.807	H	Televen	26668
11.807	H	TV Colombia	26668
11.807	H	TVES	26668
11.807	H	Venevisión	26668
11.807	H	Venezolana de Televi	26668
11.807	H	Vive	26668
11.807	H	Canal Informativo	26668

North America
ECHOSTAR 3, RAINBOW 1
298.5 East (61.5 West)

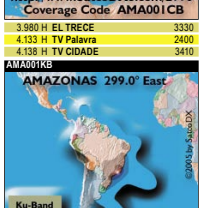
Freq	Pol	Channel Name	Symbol rate
12.384	L	AAJTK	20000
12.384	L	ABUDA	20000
12.384	L	B4U	20000
12.384	L	DREAM	20000
12.384	L	GEONW	20000
12.384	L	HT	20000
12.384	L	NORST	20000
12.384	L	SAMAY	20000
12.384	L	SHARA	20000
12.384	L	ZCINE	20000
12.384	L	ZEESA	20000
12.414	L	BSN	20000
12.414	L	ERT	20000
12.414	L	EURNS	20000
12.414	L	HTBA	20000
12.414	L	KINO	20000
12.414	L	NBN	20000
12.414	L	NEWTV	20000
12.414	L	RTVI	20000
12.414	L	RTVI+	20000
12.414	L	STAR1	20000
12.414	L	TVCI	20000
12.414	L	TVN24	20000
12.414	L	ZEETV	20000
12.414	L	ERA-5	20000
12.414	L	NT105	20000
12.472	L	ANTEN	20000
12.472	L	ANTGO	20000
12.472	L	APUNJ	20000
12.472	L	ART	20000
12.472	L	BTV	20000
12.472	L	GEONW	20000
12.472	L	GEOTV	20000
12.472	L	GLOBO	20000
12.472	L	ITMP1	20000
12.472	L	KBS	20000
12.472	L	PTV	20000
12.472	L	RBTI	20000
12.472	L	RCORD	20000
12.472	L	SAB	20000
12.472	L	SET	20000
12.472	L	SETMX	20000
12.472	L	TVASA	20000
12.472	L	TVCI	20000
12.472	L	TVJPN	20000
12.472	L	ANTRA	20000
12.472	L	ARTMU	20000
12.472	L	ERASP	20000
12.472	L	SSPFM	20000
12.632	R	ALJAZ	20000
12.632	R	GEOTV	20000
12.632	R	LBC	20000
12.632	R	MBC	20000
12.632	R	PLSAT	20000
12.632	R	RTPI	20000

AMAZONAS
299.0 East (61.0 West)

AMA001CB

Freq	Pol	Channel Name	Symbol rate
3.980	H	EL TRECE	3330
4.133	H	TV Palavra	2400
4.138	H	TV CIDADE	3410

AMA001KB



Freq	Pol	Channel Name	Symbol rate
11.055	H	Tadiran Scopus	30000
11.097	V	Curso Prima 1	9090
11.097	V	Curso Prima 2	9090
11.097	V	Curso Prima 3	9090
11.097	V	Curso Prima 4	9090
11.113	V	TV Bromelia	2310

AMA001KS

Freq	Pol	Channel Name	Symbol rate
11.737	H	AE MUNDO	43200
11.737	H	Canal 13	43200
11.737	H	Canal 13 (Cable)	43200
11.737	H	Cartoon Network	43200
11.737	H	CDF	43200
11.737	H	CHV	43200
11.737	H	Cinemax	43200
11.737	H	Discovery Kids	43200
11.737	H	E! Entertainment	43200
11.737	H	HBO	43200
11.737	H	HBO+	43200
11.737	H	LA RED	43200
11.737	H	MEGA	43200
11.737	H	TVN	43200
11.737	H	AE MUNDO	43200
11.737	H	Cinecanal 2	43200
11.737	H	CINEMAX	43200
11.737	H	Fox Sport Premium	43200
11.737	H	HBO	43200
11.737	H	HBO OESTE	43200
11.737	H	HBO+	43200
11.737	H	MAX Prime	43200
11.737	H	Movie City	43200
11.972	V	)ETTD-2 C2 GDA	27500
12.132	H	Discovery Health	30000
12.132	H	El Goumert	30000
12.132	H	Eurochannel	30000
12.132	H	Fox Channel	30000
12.132	H	Grandes Documentales	30000
12.132	H	HIPICA	30000
12.132	H	History Channel	30000
12.132	H	I-Sat	30000
12.132	H	Jetix	30000
12.132	H	MTV	30000
12.132	H	National Geographic	30000
12.132	H	Nickelodeon	30000
12.132	H	People and Arts	30000
12.132	H	Retrochannel	30000
12.132	H	Space	30000
12.132	H	Travel and Living	30000
12.132	H	TVE	30000
12.132	H	Utilisima	30000
12.172	H	Animal Planet	30000
12.172	H	AXN	30000
12.172	H	Cartoon Network	30000
12.172	H	Cine Canal	30000
12.172	H	CNN en Espanol	30000
12.172	H	Discovery Channel	30000
12.172	H	Disney Channel	30000
12.172	H	E! Entertainment	30000
12.172	H	ESPN	30000
12.172	H	ESPN+	30000
12.172	H	Fox Sport	30000
12.172	H	Play Boy TV	30000
12.172	H	SONY	30000
12.172	H	The Film Zone	30000
12.172	H	TNT	30000
12.172	H	Universal	30000
12.172	H	Warner	30000

AMA001SN

Freq	Pol	Channel Name	Symbol rate
12.092	H	AE MUNDO	30000
12.092	H	CANAL 13	30000
12.092	H	CANAL 13 CABLE	30000
12.092	H	CDF	30000
12.092	H	CHV	30000
12.092	H	Cinecanal 2	30000
12.092	H	CINEMAX	30000
12.092	H	DISCOVERY KIDS	30000
12.092	H	Fox Sport Premium	30000
12.092	H	HBO	30000
12.092	H	HBO OESTE	30000
12.092	H	HBO+	30000
12.092	H	LA RED	30000
12.092	H	MAX Prime	30000
12.092	H	MEGA	30000
12.092	H	Movie City	30000
12.092	H	TVN	30000

C-Band: INTELSAT 9
302.1 East (57.9 West)

INT009CA

Freq	Pol	Channel Name	Symbol rate
3.720	H	Canal 52	19510
3.720	V	Canal Fox (Andean)	27700
3.720	V	Canal Fox (Andean/AC	27700
3.720	V	Canal Fox (Brazil)	27700
3.720	V	Canal Fox (Brazil/AC	27700
3.720	V	Canal Fox (Central)	27700
3.720	V	Canal Fox (Central/A	27700
3.720	V	Canal Fox (East)	27700
3.720	V	Canal Fox (East/AC3)	27700
3.720	V	Canal Fox (West)	27700
3.720	V	Canal Fox (West/AC3)	27700
3.720	H	Cine Latino	19510
3.720	H	Exa TV	19510
3.720	V	Feeds (FOX ADHOC)	27700
3.720	V	FX (Brazil)	27700
3.720	V	FX Latin	27700
3.720	V	FX Latin (AC3)	27700
3.720	H	Hallmark Channel Mex	19510
3.720	H	MVS Empresarial	19510
3.720	V	National Geographic	27700
3.720	V	National Geographic	27700
3.720	V	National Geographi	27700
3.720	V	Speed (Latin America	27700
3.720	V	SPEED LATIN AMERI	27700
3.720	H	TV Guide	19510
3.720	H	USA America Latina	19510
3.720	V	USA Network (Latin	27700
3.720	V	USA Network (Latin	27700
3.760	H	CC ANIV	28500
3.760	V	Channel 30	27684
3.760	H	Cinecanal	28500
3.760	H	Cinecanal 2	28500
3.760	H	Cinecanal Este	28500
3.760	H	Cinecanal Oeste	28500
3.760	V	CI@se Brasil	27684
3.760	V	FTV	27684
3.760	V	FTV Port	27684
3.760	V	FTV VZLA	27684
3.760	V	HTV	27684
3.760	V	I-Sat	27684
3.760	V	Infinito Latino	27684
3.760	V	Infinito Por	27684
3.760	V	Infinito Sur	27684
3.760	V	Infinito USA	27684
3.760	V	Locomotion Latin	27684
3.760	V	Luna Vision 2	27684
3.760	H	Movie City Este	28500
3.760	H	Movie City Oeste	28500
3.760	V	Much Music	27684
3.760	V	MUCH VZLA	27684
3.760	V	PB Digital +	27684
3.760	V	PB Iberia	27684
3.760	V	PB Latino	27684
3.760	H	PB Latino Port	27684
3.760	V	Playboy Brasil 2	27684
3.760	V	Playboy Digital +	27684
3.760	V	Playboy Latino 2	27684
3.760	V	Playboy TV (Brasil M	27684
3.760	V	Playboy TV (Brasil)	27684
3.760	V	Playboy TV (Iberia)	27684
3.760	V	Playboy TV (Latin Am	27684
3.760	V	Playboy TV (Latin Am	27684
3.760	V	Retro	27684
3.760	V	Retro Port	27684
3.760	V	Space	27684
3.760	V	Test card	27684
3.760	H	The Film Zone Este	28500
3.760	H	The Film Zone Oeste	28500
3.760	V	Utilisima	27684
3.760	V	Utilisima Cue	27684
3.760	V	Venevision Continent	27684
3.760	V	Venus NTSC	27684
3.760	V	Venus PAL	27684
3.760	V	Venus Por	27684
3.760	H	CC ANIV	28500
3.760	H	CineCanal Classics p	28500
3.760	V	Prueba	27684
3.760	V	Utilisima Satelital	27684
3.786	H	Canal Caracol altern	4443
3.786	H	Canal Caracol Nacion	4443
3.800	V	!Regional Network/Oc	26470
3.800	V	!Regional Network/Oc	26470
3.800	V	ESPN 2	26470
3.800	V	ESPN Atlantic Netw	26470
3.800	V	ESPN Brazil	26470
3.800	V	ESPN feeds (Syndic	26470
3.800	V	ESPN Latin Network	26470
3.800	V	ESPN Pacific Rim N	26470
3.800	H	Feeds	27680
3.800	H	Paris Premiere	27680
3.800	V	Syndication PAL	26470
3.800	V	Temp ESPN	26470
3.800	V	Temp ESPN2	26470
3.800	V	Temp-Atlantic	26470
3.800	V	Temp-Pac Rim	26470
3.800	V	Temp-Synd-NTSC	26470
3.800	H	Test Card	27680
3.800	V	Test enc-10	26470
3.800	H	Zee TV Africa	27680
3.800	V	Temp-Synd-Pal	26470
3.800	V	Test enc-9	26470
3.800	V	I-Net Radio	26470
3.808	H	CRI Radio	3428
3.815	H	Movida TV	3950
3.815	H	Onda TV	3950
3.840	H	BBC World (North A	27684
3.840	H	BBC World (South A	27684
3.840	V	Bloomberg TV (Asia-P	27690
3.840	V	Eurochannel	27690
3.840	H	German Television	27684
3.840	V	MGM Gold	27690
3.840	V	Telemundo Internacio	27690
3.840	H	Zee TV	27684
3.840	H	ADHOC 1	27684
3.840	V	Adhoc 2 - MM1P4	27690
3.840	H	CCP D9223 Decoder	27684
3.840	H	Cubavision	27684
3.840	H	DCP D9223 Decoder	27684
3.840	H	Deutsche Welle TV (A	27684
3.840	H	EWTN	27684
3.840	H	Feeds (ADHOC 2)	27684
3.840	V	Guatevision	27690
3.840	V	OPEN MM1P4	27690
3.840	H	Deutsche Welle - 1	27684
3.840	H	Deutsche Welle - 2	27684
3.840	H	Deutsche Welle - 7	27684
3.840	H	EWTN Radio	27684
3.840	H	EWTN Radio PAZ	27684
3.880	V	Animal Planet (Brasi	27684
3.880	V	Bert	27684
3.880	V	Civilization (SPN)	27684
3.880	V	Civilization Eng/E	27684
3.880	V	Discovery Channel (B	27684
3.880	V	Discovery Channel (I	27684
3.880	V	Discovery Channel (V	27684
3.880	V	Discovery Health (Br	27684
3.880	V	Discovery Health Bra	27684
3.880	V	Discovery Kids (Bras	27684
3.880	V	Discovery Travel & A	27684
3.880	V	People & Arts (Brasi	27684
3.880	V	People & Arts (Iberi	27684
3.880	V	People and Arts (Mex	27684
3.880	V	Science (POR)	27684
3.880	V	Science (POR) Digita	27684
3.880	V	Science (SPN) Cast	27684
3.880	V	Science English/En	27684
3.880	V	Turbo (POR)	27684
3.880	V	Turbo (POR) Digital	27684
3.880	V	Turbo (SPN) Cast/C	27684
3.880	V	Turbo English/Engl	27684
3.880	H	Adhoc Chanel 7	27684
3.880	H	Arirang TV World 2	27684
3.880	H	CCP Copy of 6	27684
3.880	H	CCTV 3	27684
3.880	H	CCTV 4	27684
3.880	H	CCTV 9	27684
3.880	H	DCP copy of 6	27684
3.880	H	Feeds	27684
3.880	H	HSER Upgrade	27684
3.880	H	MM Channel	27684
3.880	H	Test Card	27684
3.880	H	YTN	27684
3.911	V	Fox Sports Basico	13330
3.911	V	Fox Sports Basico	13330
3.911	V	FOX SPORTS CONO S	13330
3.911	V	Fox Sports Premium	13330
3.911	V	Fox Sports Premium	13330
3.924	V	Enlace Juvenil	6620
3.924	V	TBN Enlace	6620
3.924	V	Enlace Radio	6620
3.924	V	SE RADIO	6620
3.933	V	3ABN	7000
3.933	V	3ABN Cue Tones	7000
3.933	V	3ABN Radio	7000
3.933	V	Radio 74	7000
3.933	V	WDQN	7000
4.000	H	BBC World	27690
4.000	H	BBC World (Latin A	27690
4.000	H	German TV	27690
4.000	H	Paris Premiere	27690
4.000	H	Zee TV	27690
4.000	H	Deutsche Welle TV	27690
4.000	H	RTP International	27690
4.000	H	Test Card	27690
4.000	H	Deutsche Welle 1	27690
4.000	H	Deutsche Welle 2	27690
4.000	H	Deutsche Welle 7	27690
4.000	H	RDP 1	27690
4.000	H	Renascenca Canal 1	27690
4.000	H	RTP	27690
4.080	H	!Central Europe Emer	27684
4.080	H	Copy AsiaPac NTSC	27684
4.080	H	Hallmark Channel (Ar	27684
4.080	H	Hallmark Channel (Br	27684
4.080	H	Hallmark Channel (Is	27684
4.080	H	Hallmark Channel (La	27684
4.080	H	Hallmark Channel (Me	27684
4.080	H	Hallmark Channel (Ru	27684
4.080	H	Hallmark Channel (Sc	27684
4.080	H	Hallmark Channel (UK	27684
4.080	V	MTV	27690
4.080	V	MTV (South)	27690
4.080	V	MTV Central	27690
4.080	V	MTV Central (Andean)	27690
4.080	V	MTV Central (Caribbe	27690
4.080	V	MTV Central (Chile)	27690
4.080	V	MTV Central (Colombi	27690
4.080	V	MTV Central (Venezue	27690
4.080	V	MTV North (Mexico)	27690
4.080	V	Nickelodeon (Andean)	27690
4.080	V	Nickelodeon (Argenti	27690
4.080	V	Nickelodeon (Brasil)	27690
4.080	V	Nickelodeon (Caribbe	27690
4.080	V	Nickelodeon (Central	27690
4.080	V	Nickelodeon (Chile)	27690
4.080	V	Nickelodeon (Colombi	27690
4.080	V	Nickelodeon (Mexico)	27690
4.080	V	Nickelodeon (Venezue	27690
4.080	H	Primary Argentina 2P	27684
4.080	H	Primary Brazil Encod	27684
4.080	H	Primary Mexico Encod	27684
4.080	H	PrimaryLatAmPanReg	27684
4.080	H	Test Asia	27684
4.080	V	VH1	27690
4.080	V	VH1 Latino	27690
4.107	H	1 Nacional	6620
4.107	H	2 Internacional	6620
4.107	H	3 Servicios	6620
4.120	V	Al Arabiyah	27500
4.120	V	Al Jazeera	27500
4.120	V	ART Australia	27500
4.120	V	Art Global America	27500
4.120	V	ART Latino	27500
4.120	V	Art Movies Ameica	27500
4.120	V	Iqraa Channel	27500
4.120	V	Kuwait TV	27500
4.120	V	LBC America	27500
4.120	V	LBC Australia	27500
4.120	V	Leonardo World	27500
4.120	V	MBC Europe	27500
4.120	V	NBN	27500
4.120	V	RAI International	27500
4.120	V	Video Italia	27500
4.120	V	Worldsat	27500
4.120	V	Radio Italia	27500
4.120	V	Radio Italia Anni 60	27500
4.120	V	Radio2 Moro	27500
4.120	V	RAI Radio (Australia	27500
4.120	V	Antenna 1 97.1 FM	27500
4.120	V	ART Al Dakir Chann	27500
4.120	V	ART Music Channel	27500
4.120	V	Al Rai International	27500
4.123	H	CTNi	2222
4.127	H	Bethel TV	3273
4.137	H	Family Christian Net	3675
4.137	H	FCN	2941
4.143	V	Feeds	2205
4.157	H	Feeds (Sersat)	6500
4.160	V	La Cadena del Milagr	3000

America, Europe
C-Band: INTELSAT 805
304.5 East (55.5 West)

INT805HB

Freq	Pol	Channel Name	Symbol rate
3.667	H	EDUCON - LAPA	3300
3.751	V	APTN3 +442074827430	5632
3.912	V	TV VAT AM	1808
3.999	V	Telemedia 1	5200
3.999	V	Telemedia 2	5200
3.999	V	(Empty)	5200
4.080	V	RTPi America	4340
4.080	V	Radio RDP Internacio	4340
4.084	H	CANAL 3 GUATEMALA	10318
4.084	H	Feed Guatemala	10318
4.084	H	TELE-ONCE	10318
4.084	H	TELEVISIETE	10318
4.084	H	TRECEVISION	10318
4.084	H	RADIO ALFA	10318
4.084	H	RADIO FIESTA	10318
4.084	H	RADIO GALAXIA	10318
4.084	H	RADIO RANCHERA	10318
4.084	H	RADIO SONORA	10318
4.084	H	RADIO TROPICALIDA	10318
4.097	H	CANAL 10	5247
4.097	H	CANAL 4	5247
4.134	H	GI UPGD S/W	6111
4.134	H	GLOBO INTERNACION	6111
4.134	H	GLOBO INTERNATION	6111
4.134	H	GLOBO INTERNATION	6111
4.140	V	AUDIO TEST	4700
4.140	V	FRECUENCIA LATINA	4700
3.436	H	VHSA TAS	3798
3.674	H	EADCON 5	3200
3.691	H	EADCON 6	4500
3.691	H	EADCON 7	4500
3.717	V	ETC ALPHA PUNJABI	11574
3.717	V	ZEE CINEMA USA	11574
3.717	V	ZEE GUJRATI USA	11574
3.717	V	ZEE TV USA	11574
3.735	V	SPORTSMAX	8681
3.735	V	IMC	8681
3.735	V	RE TV	8681
3.936	H	BBC Amer Feed 1	3255
3.936	H	BBC Amer Feed 2	3255
3.936	H	BBC Amer Feed 3	3255
3.936	H	BBC Amer Feed 4	3255
3.936	H	BBC Arabic	3255
3.936	H	BBC Brazil	3255
3.936	H	BBC English (Amer.)	3255
3.936	H	BBC English (Carib.)	3255
3.936	H	BBC English News	3255
3.936	H	BBC Spanish	3255
3.970	V	PROG_1	3703
3.970	V	PROG_2	3703
4.105	H	CANAL 1 ECUADOR	3000
4.105	H	Canal 11	5062
4.105	H	Canal 6 CR	5062
4.105	H	Radio Z FM	5062
4.111	H	Telesistema	3333
4.135	H	GI UPGD S/W	6111
4.135	H	GLOBO INTERNACION	6111
4.135	H	GLOBO INTERNATION	6111
4.135	H	GLOBO INTERN

Freq	Pol	Channel Name	Symbol rate
3.856	V	TCM (Latin America)	30800
3.856	V	TNT (Brazil)	30800
3.856	V	TNT (Chile)	30800
3.856	V	TNT (Latin America	30800
3.856	V	TNT (Latin America)	30800
3.856	V	TNT (Mexico)	30800
3.856	V	Toon-Tina	30800
3.856	V	Toon-Tina (Brazil)	30800
3.856	V	Toon-Tina (Latin Ame	30800
3.856	V	Toon-Tina (Mexico)	30800
3.856	V	Test card	30800
3.868	V	Feeds (Adhoc)	6620
3.872	H	Panamsat test card	6620
3.887	H	Televisa Feed	5715
3.891	V	Feeds	6111
3.906	V	TV Azteca	13239
3.910	V	Globecast feeds	5632
3.930	V	Feeds (OTI#1)	25000
3.937	H	Feeds (TELEVISA F	3906
3.944	H	Feeds (Service 1)	5710
3.946	V	Feeds (Service 2)	2592
3.958	V	TV 5 Amerique Latine	6500
3.968	H	De Pelicula	21090
3.968	H	Estrellas	21090
3.968	H	Ritmoson	21090
3.968	H	Telehit	21090
3.968	H	Telenovelas	21090
3.971	H	enc3p1 dig Port	13800
3.971	H	enc3p1 dig Sp	13800
3.971	H	enc3p1 Port	13800
3.971	H	enc3p1 Sp	13800
3.971	H	enc3p2 dig Port	13800
3.971	H	enc3p2 dig Sp	13800
3.971	H	enc3p2 Port	13800
3.971	H	enc3p2 Sp	13800
3.971	H	enc3p3 dig Port	13800
3.971	H	enc3p3 dig Sp	13800
3.971	H	enc3p3 Port	13800
3.971	H	enc3p3 Sp	13800
3.971	H	enc3p4 dig Port	13800
3.971	H	enc3p4 dig Sp	13800
3.971	H	enc3p4 Port	13800
3.971	H	enc3p4 Sp	13800
3.971	H	enc3p5 dig Port	13800
3.971	H	enc3p5 dig Sp	13800
3.971	H	enc3p5 Port	13800
3.971	H	enc3p5 Sp	13800
3.971	H	enc3p6 dig Port	13800
3.971	H	enc3p6 dig Sp	13800
3.971	H	enc3p6 Port	13800
3.971	H	enc3p6 Sp	13800
3.971	H	enc3p7 dig Port	13800
3.971	H	enc3p7 dig Sp	13800
3.971	H	enc3p7 Port	13800
3.971	H	enc3p7 Sp	13800
3.971	H	enc3p8 dig Port	13800
3.971	H	enc3p8 dig Sp	13800
3.971	H	enc3p8 Port	13800
3.971	H	enc3p8 Sp	13800
3.971	H	enc3p9 dig Port	13800
3.971	H	enc3p9 dig Sp	13800
3.971	H	enc3p9 Port	13800
3.971	H	enc3p9 Sp	13800
3.988	V	Bloomberg (Latin Ame	4070
3.996	H	Animal Planet	21090
3.996	H	Discovery Channel (A	21090
3.996	H	Discovery Channel (L	21090
3.996	H	Discovery Channel (M	21090
3.996	H	Discovery Health (La	21090
3.996	H	Discovery Kids (Lati	21090
3.996	H	People and Arts (Arg	21090
3.996	H	People and Arts (Lat	21090
4.003	V	TV Azteca	6620
4.041	H	CNN en Espanol	30800
4.041	H	CNN en Espanol (Mexi	30800
4.041	H	CNN International	30800
4.041	H	CNN Mexico	30800
4.041	H	CNN Newsource	30800
4.041	H	CNN Spanish Radio	30800
4.041	H	CNNe Espanol	30800
4.041	H	CNNe Brazil	30800
4.041	H	CNNfn/CNN Headline	30800
4.041	H	CNNI Latin America	30800
4.041	H	HLN Asia	30800
4.041	H	International News S	30800
4.041	H	SAG Path 1	30800
4.041	H	SAG Path 2	30800
4.041	H	CNN en Espanol (Braz	30800
4.041	H	CNN Radio	30800
4.106	V	!Regional Network/Oc	26470
4.106	V	!Regional Network/Oc	26470
4.106	V	ESPN	26470
4.106	V	ESPN (Atlantic)	26470
4.106	V	ESPN (Brazil)	26470
4.106	V	ESPN (Latin A)	26470
4.106	V	ESPN (Latin B)	26470
4.106	V	ESPN (Pac Rim)	26470
4.106	V	ESPN 2	26470
4.106	V	ESPN feeds (Syndic	26470
4.106	V	Syndication NTSC	26470
4.106	V	Temp ESPN	26470
4.106	V	Temp ESPN2	26470
4.106	V	Temp-Atlantic	26470
4.106	V	Temp-Pac Rim	26470
4.106	V	Temp-Synd-NTSC	26470
4.106	V	Temp-Synd-Pal	26470
4.106	V	Test enc-10	26470
4.106	V	Test enc-9	26470
4.106	V	I-Net Radio	26470
4.151	H	Artear Virtual 1	24570
4.151	H	Artear Virtual 2	24570
4.151	H	Artear Virtual 3	24570
4.151	H	Canal 10 Roca	24570
4.151	H	Canal 13	24570
4.151	H	Magazine	24570
4.151	H	Todo Noticias	24570
4.151	H	TyC Inter. NTSC	24570
4.151	H	TyC Inter. PAL	24570
4.151	H	TyC Max	24570
4.151	H	TyC Sports	24570
4.151	H	TyC Virtual	24570
4.151	H	Volver	24570
4.151	H	Fm 100	24570
4.151	H	Radio Mitre	24570

America, Europe
C-Band: NSS 806
319.5 East (40.5 West)

Freq	Pol	Channel Name	Symbol rate
3.469	L	RBTI	4444
3.469	L	N_Mensagem	4444
3.475	L	JBN TV	4800
3.600	R	Canaan TV	25180
3.632	R	COLOMBEIA	2712
3.637	L	MAYA TV	2963
3.641	R	CMB TV	2665
3.641	L	Vivebien Service	2749
3.644	L	TV NAZAR	2534
● 3.646	R	GENESIS EXECUTIVA	3979
● 3.646	R	TV GENESIS	3979
● 3.646	R	RADIO GENESIS	3979
3.652	L	TV GRANDE RIO	4000
3.652	L	GRANDE RIO FM	4000
3.654	R	TV ASA BRANCA	5924
3.660	L	America Television	4350
3.660	R	Canaan TV	2540
3.663	R	REDE UNIAO	2170
3.667	R	Canaan TV	3340
3.675	L	NT ESPAN	5900
3.675	L	NT PORT.	5900
3.675	L	RNT ESP.	5900
3.675	L	RNT POR.	5900
3.675	R	TELEGRACIA	2220
3.679	R	Canaan TV	2220
3.685	L	default program	6500
3.685	R	K MUSIC	6666
3.685	R	RADIOLA	6666
3.685	R	TV CENTRO	6666
3.691	R	Canaan TV	2203
3.725	R	Feed 1 (America2)	26667
3.727	L	Baby TV	26670
3.727	L	FOX Life Latin	26670
3.727	L	FX Central	26670
3.727	L	FX Latin	26670
3.727	L	FX PAL	26670
3.727	L	Utilisima Satelital	26670
3.727	L	Management TV Latam	26670
3.727	L	NAT GEO Music	26670
3.727	L	Universal Channel PA	26670
3.727	L	Utilisima NTSC	26670
3.758	R	A.Sport	26667
3.758	R	Canal (a)	26667
3.758	R	Cosmo NTSC	26667
3.758	R	Cosmo Pal	26667
3.758	R	ElGarage TV	26667
3.758	R	ElGourmet NTSC	26667
3.758	R	ElGourmet PAL	26667
3.758	L	ESPN + NTSC	20000
3.758	L	ESPN + PAL	20000
3.758	L	ESPN Latin NTSC	20000
3.758	L	ESPN Latin PAL	20000
3.758	R	Europa-Europa	26667
3.758	R	Film&Arts Por	26667
3.758	R	Film&Arts Spa	26667
3.758	R	Reality TV	26667
3.758	L	Virtual Channel 4	20000
3.758	R	Feed I	26667
3.758	L	PHD Brasil	20000
3.774	L	Argentinisima	6670
3.774	L	La Red	6670
3.774	L	Radio Del Plata	6670
3.774	L	Sist. Nac. Medios Pu	6670
3.803	R	CL@SE	26855
3.803	R	GOL TV	26855
3.803	L	SIC TV	27500
3.803	R	AdHoc	26855
3.803	R	AdHoc 02	26855
3.803	R	AdHoc 03	26855
3.803	R	Daystar	26855
3.803	L	DUNA TV	27500
3.803	L	ERT	27500
● 3.803	R	Inspiration	26855
3.803	R	Maharishi University	26855
3.803	R	Rede Gospel	26855
3.803	L	Russia Today	27500
3.803	R	CCP Download	26855
3.803	R	D9225 Download	26855
3.803	R	DCP Download	26855
3.803	R	Mediacast	26855
● 3.803	R	Radio Test	26855
3.803	L	RFI Francais	27500
3.803	L	RFI Langues	27500
3.855	L	Fox News Latin	5900
3.855	L	SPEED East Imitext	5900
3.855	L	SPEED Latin Americ	5900
3.857	R	SUPER LAND	6650
3.857	R	SUPER SHOW	6650
3.857	R	SUPERIOR	6650
3.857	R	RADIO BANDA B	6650
3.857	R	RADIO METROPOLE S	6650
3.859	L	SCOPUS-NET-TECH	2600
3.879	R	Meridiano TV	22115
3.879	R	Venevision Venezuela	22115
3.879	R	LA TELE	22115
● 3.879	R	PLAY OUT	22115
3.879	R	Programacion Globovi	22115
3.879	R	Programacion VTV	22115
3.879	R	PUMA TV	22115
3.879	R	Vision Venezuela V	22115
3.879	R	Circuito Alianza	22115
3.879	R	Circuito CNB FM 10	22115
3.879	R	Circuito Triple F	22115
● 3.879	R	CNB DEPORTES	22115
● 3.879	R	MAGIMAX (MAGICA F	22115
● 3.879	R	Radio Sur	22115
3.879	R	RNV Clasico	22115
3.879	R	RNV Informativo	22115
3.879	R	RNV Juvenil	22115
3.899	R	INH La Rinconada	4195
3.920	R	BFBS 1	20000
3.920	R	BFBS 2	20000
3.920	R	BFBS 4	20000
3.920	R	BFBS 5	20000
● 3.920	R	INH La Rinconada	20000
3.920	R	BELIZE*	20000
3.920	R	CANADA*	20000
3.920	R	CONTRIBUTION*	20000
3.920	R	R2 WORLD	20000
3.920	R	BFBS UK	20000
3.920	R	FALKLANDS	20000
3.920	R	GURKHA	20000
3.923	L	GLOBOSAT 11 ENC2P	27500
3.923	L	GLOBOSAT 12 ENC2P	27500
3.923	L	GLOBOSAT 14 ENC2P	27500
3.923	L	GLOBOSAT 17 ENC2P	27500
3.923	L	MEGAPIX	27500
3.923	L	PFCI	27500
3.923	L	TVGI EUROPA	27500
● 3.938	R	INH La Rinconada	4785
3.965	R	COSMOVISION	2540
3.972	L	Cadeia-1	3330
3.978	L	TV BRASIL	3979
3.980	R	Ch. 305 - Test	17800
3.980	R	Ch. 306 - Test	17800
3.980	R	Ch. 320 - LA1-2, LA3	17800
3.980	R	Ch. 321 - LA1-2, LA3	17800
3.980	R	Ch. 322 - LA1-2, LA3	17800
3.980	R	Ch. 323 - LA1-2, LA	17800
3.980	R	Ch. 324 - LA5-6, LA7	17800
3.980	R	Ch. 325 - LA7-8, LA5	17800
3.980	R	Ch. 328 - LA1 - LA8	17800
3.980	R	Ch. 330 - LA5-6, LA1	17800
3.980	R	Ch. 331 - LA5-6, LA1	17800
3.980	R	Ch. 332 - LA5-6, LA1	17800
3.980	R	Ch. 333 - LA11-12, L	17800
3.980	R	Ch. 334 - LA11-12, L	17800
3.980	R	Ch. 335 - LA13-14, L	17800
3.980	R	Ch. 338 - LA5-6, LA1	17800
3.980	R	Ch. 339 - LA9-10 P	17800
3.980	R	Ch. 340 - Dedicated	17800
3.980	R	Ch. 350 - LA25-26, L	17800
3.980	R	Ch. 380 - Alternate	17800
3.980	R	Ch. 8 - OS Downloa	17800
3.980	R	Ch. 9 - OS Downloa	17800
3.980	R	DEFAULT	17800
3.980	R	Ch. 336 - LA21-22, L	17800
3.980	R	Ch. 351 - LA29-30, L	17800
3.982	L	CANAL 26	2222
3.986	L	INTERNACIONAL	3180
3.986	L	RADIO AM	3180
3.991	L	San Isidro feeds (Sa	3578
4.002	L	TELECAFE	2450
4.005	L	SCOPUS-NET-TECH	2450
4.009	L	TELEANTIOQUIA COL	2450
4.016	R	RCN TV	5710
4.021	L	C. CONGRESO	16025
4.021	L	CANAL 1	16025
4.021	L	CANAL CAPITAL	16025
4.021	L	CANAL INSTITUCION	16025
4.021	L	CANAL OCASIONAL	16025
4.021	L	SENAL COLOMBIA	16025
4.021	L	TV. ANDINA	16025
4.025	R	24 Horas	9640
4.025	R	TV_Colombia	9640
4.025	R	Entretenimiento	9640
4.043	L	EbS Europe By Satell	8681
4.043	L	EbS+	8681
4.044	R	SPORT PLUS	7441
4.044	R	SUN CHANNEL	7441
4.054	L	Casa Club TV	7234
4.054	L	MGM Latin America	7234
4.063	R	Carreras de Chile	8500
4.063	R	Hipodromo Maronas	8500
4.063	R	VTV	8500
4.090	R	ContacTV APURE	2515
4.090	R	ContacTV CRISTIAN	2515
4.100	R	default program	6111
4.100	R	Televen Cable	6111
4.100	R	Transmision Internac	6111
4.100	R	(Empty)	6111
4.119	R	Telesur.	2960
4.122	L	CASABLANCA TESTE	3480
● 4.122	R	Citytv	1860
4.122	L	JOVEM PAN	3480
4.125	L	Service 2	3000
4.126	R	AVILA TV	2531
4.129	R	ZUVISION TV	2000
4.132	L	AVIVAMIENTO	2480
4.137	L	RECORD INTERNATIO	4400
4.140	R	CABLE_NOTICIAS	2220
4.142	L	JBN	2222
4.143	R	CCP D/L	4800
4.143	R	DCP D/L	4800
4.143	R	DEFAULT	4800
4.143	R	TV Marti	4800
4.146	L	Tele Amiga	2571
● 4.151	R	REDE GOSPEL BRASI	3280
4.168	L	UOMO TV	2400
4.170	L	CANAL ADULTO	2222
4.170	L	RADIO	2222
4.177	L	FIZ	4391
4.177	L	IDEAL	4391
4.189	L	ESPN BRASIL	13021
4.189	L	MTV 2	13021
4.189	L	MTV 3	13021
4.189	L	MTV BRASIL	13021
● 3.694	R	CRISTOVISION	2200
3.653	R	TV ASA BRANCA	5925
3.681	R	K MUSIC	6666
3.681	R	RADIOLA	6666
3.681	R	TV CENTRO	6666
3.689	R	cinema	5180
3.689	R	MI - GENTE	5180
3.830	R	Kamasutra	6142
3.830	R	Rumba TV.	6142
3.830	R	Tele Nostalgia	6142
3.830	R	TV Agro	6142
3.830	R	Life Design TV	6142
● 3.938	R	INH La Rinconada	4444
3.938	R	HUMOR CHANNEL	4444
4.065	L	FOX Life Brazil	10650
4.065	L	FX Brazil	10650
4.065	L	Nat Geo Music	10650
4.065	L	Sci Fi Latin	10650
4.065	L	Universal Chile	10650
4.132	R	Taurus	2357

INTELSAT 801
328.5 East (31.5 West)
INT801EH

Freq	Pol	Channel Name	Symbol rate
3.645	R	ORTM	5750
3.645	R	RADIO MALI	5750
3.718	R	RTS1	4881

INT801EU

Freq	Pol	Channel Name	Symbol rate
11.493	V	CINEMAR	8000
11.493	V	CLUB	8000
11.493	V	FENY	8000
11.493	V	FOCUS	8000
11.493	V	GALAXIA	8000
11.493	V	MULATOS	8000
11.504	V	ONe TV	1600
10.982	H	BET	30000
10.982	H	CNN Latin America	30000
10.982	H	ESPN Latin America	30000
10.982	H	Eurosport News	30000
10.982	H	Fox Sports Latin Ame	30000
11.060	H	Canal + Antilles&Guy	30000
11.060	H	Canal + Bleu	30000
11.060	H	Euqidia	30000
11.060	H	Euronews	30000
11.060	H	Eurosport France	30000
11.060	H	France O	30000
11.060	H	ITV	30000
11.060	H	L'Equipe TV / Moto	30000
11.060	H	LCI - La Chaine In	30000
11.060	H	M6	30000
11.060	H	RFO Tele Guyane	30000
11.060	H	RFO Tempo	30000
11.060	H	Sport+	30000
11.060	H	Teva	30000
11.060	H	TF1	30000
11.060	H	TV 5 FBS	30000
11.060	H	Europe 1	30000
11.060	H	Hector	30000
11.060	H	Paris Jazz	30000
11.060	H	Radio Caribe Interna	30000
11.060	H	RFM	30000
11.060	H	France Info	30000
11.060	H	RFI	30000
11.482	H	Canal Satellite	30000
11.618	H	13'eme Rue	30000
11.618	H	Action	30000
11.618	H	Canal J	30000
11.618	H	Cinecinemas 1	30000
11.618	H	Cinecinemas 2	30000
11.618	H	Comedie	30000
11.618	H	Fox Kids France	30000
11.618	H	MCM Europe	30000
11.618	H	Planete	30000
11.618	H	RFM TV	30000
11.618	H	RTL 9	30000
11.618	H	TCM France	30000
11.618	H	TF 1	30000
11.618	H	TF 6	30000
11.618	H	The Disney Channel	30000
11.618	H	TV Breizh	30000
11.618	H	Voyage	30000
11.618	H	XXL	30000

Europe
HISPASAT 1C, 1D
330.0 East (30.0 West)
HIS01CKS

Freq	Pol	Channel Name	Symbol rate
● 11.731	H	ATLAS NEWS	28126
11.731	H	Disney Channel	28126
11.731	H	Disney Cinemagic	28126
11.731	H	LOCALIA	28126
● 11.731	H	TEST	28126
11.731	H	XARXA TVL	28126
11.731	H	CANAL 4	28126
● 11.731	H	Canal 53	28126
11.731	H	CNC	28126
● 11.731	H	TELELINEA	28126
● 11.731	H	TSFonSAT	28126
11.731	H	Asturias FM	28126
11.731	H	BCN 7 BROADCAST	28126
11.731	H	BCN 8 BROADCAST	28126
● 11.731	H	COPE	28126
11.731	H	INTERECONOMIA MUS	28126
11.731	H	LOCA FM	28126
11.731	H	PUNTO RADIO	28126
11.731	H	Radio CLM	28126
11.731	H	ROCK-SOL	28126
11.771	H	BBC Prime	27500
● 11.771	H	Cartoon / TCM	27500
11.771	H	E! Entertainment	27500
11.771	H	Infinito	27500
11.771	H	MCM TOP	27500
11.771	H	PFC	27500
11.771	H	RTP Madeira	27500
11.771	H	The Biography Channe	27500
11.771	H	TV Globo Portugal	27500
● 11.771	H	TV Record	27500
11.771	H	VH1 Classic	27500
11.771	H	Video-on-Demand	27500
11.771	H	XXL	27500
11.771	H	Canal Programação	27500
11.811	H	Acolhimento	27500
11.811	H	C.ESTRELLAS	27500
11.811	H	Canal Panda	27500
11.811	V	CNN+	27500
11.811	H	DSMCC - IPPV	27500
11.811	H	DSMCC - RADIOS	27500
11.811	V	PRO TV INT	27500
11.811	V	RMTV	27500
11.811	H	RTP 1	27500
11.811	H	RTP 2	27500
11.811	H	SIC	27500
11.811	H	SIC Noticias	27500
11.811	H	SIC Radical	27500
11.811	V	TCM CLÁSICO	27500
11.811	H	TVI	27500
11.811	V	ANDALUCÍA TV	27500
11.811	V	CANAL CLUB	27500
● 11.811	H	Disney Channel	27500
11.811	V	EUSKADI TV	27500
11.811	V	MÚSICA DIG.	27500
11.811	H	Sport TV 3	27500
11.811	V	TMSAT/LAOTRA	27500
11.811	V	TV GALICIA	27500
11.811	V	TVC INT.	27500
11.811	H	Venus	27500
11.811	H	Video-on-Demand	27500
11.811	H	XXL	27500
11.811	V	Canciones de siempre	27500
11.811	V	Clasica	27500
11.811	V	Copla	27500
11.811	V	Fiestas	27500
11.811	V	Jazz	27500
11.811	V	Novedades	27500
11.811	V	Opera	27500
11.811	V	Pop rock espa	27500
11.811	V	Pop rock inter	27500
11.811	V	RAD. ROMANIA	27500
11.851	V	40 TV	27500
11.851	V	CANAL+	27500
11.851	V	CANAL+ 2	27500
11.851	V	DISCOVERY	27500
11.851	H	Discovery Channel	27500
11.851	H	DISNEY CH.	27500
11.851	H	DOCU TVE	27500
11.851	H	Eurosport	27500
● 11.851	H	FOX Life	27500
11.851	H	Hollywood	27500
11.851	H	MEZZO	27500
11.851	H	MTV Portugal	27500
11.851	H	Nickelodeon	27500
11.851	V	PARAMOUNT C	27500
11.851	H	Playboy TV	27500
● 11.851	H	RTP Africa	27500
11.851	H	Sport TV 1	27500
11.851	V	SPORTMANIA	27500
11.851	V	TCM MODERNO	27500
11.851	V	TELEDEPORTE	27500
11.851	H	TVCine 1	27500
11.851	H	TVCine 2	27500
11.851	H	TVCine 3	27500
11.851	H	Futebol MC 1	27500
11.851	H	Futebol MC 2	27500
11.851	H	Futebol MC 3	27500
11.851	H	Futebol MC 4	27500
11.851	H	Sport TV 2	27500
11.891	H	Arte	27500
11.891	V	C+ ACCIÓN	30000
11.891	V	C+ COMEDIA	30000
11.891	V	C+ DCINE	30000
11.891	V	CARTOON N +1	30000
● 11.891	V	DECASA	30000
11.891	H	DISNEY CH.+1	30000
11.891	H	Eurosport News	30000
● 11.891	H	Extreme Sports Chann	27500
11.891	H	Fashion TV	27500
11.891	V	JETIX	30000
11.891	H	Millennium TV	27500
11.891	H	MOV	27500
● 11.891	V	MTV	30000
11.891	V	NICK +1	30000
11.891	V	PLAYHOUSE	30000
11.891	H	RAI Uno	27500
11.891	H	RTL	27500
11.891	H	RTP Memória	27500
11.891	H	RTP N	27500
11.891	V	SONY TV	30000
● 11.891	V	TELEFE INT	30000
11.891	H	TV Galicia	27500
11.891	H	TV5 Monde	27500
11.891	H	TVCine 4	27500
11.891	H	TVE Internacional	27500
11.891	V	APPALCO	30000
● 11.891	V	Contactanos	30000
● 11.891	V	Guia digital+	30000
● 11.891	V	Paquetes	30000
11.891	V	Promociones	30000
● 11.891	V	Recibo	30000
11.891	V	Tu mando	30000
11.931	V	BARÇA TV	27500
11.931	V	C+ EVENTOS	27500
11.931	H	CANAL CLASICO	27500
11.931	H	Clan/50	27500
11.931	H	GRANDES DOCUMENTA	27500
11.931	H	LDTV	27500
● 11.931	V	LIGA 08/09	27500
11.931	H	MAS TV	27500
11.931	V	TAQUILLA 5	27500
11.931	V	TAQUILLA 6	27500
11.931	V	TAQUILLA 7	27500
11.931	V	TAQUILLA 8	27500
11.931	V	TAQUILLAX	27500
11.931	V	TAQUILLAXX	27500
● 11.931	H	TELEDEPORTE	27500
● 11.931	H	CUBO TV	27500
11.931	V	EHS	27500
11.931	H	FEEDS TSA	27500
11.931	H	OCASIONAL	27500
11.931	H	RTPA Internacional	27500
11.931	H	SENADO	27500
11.931	V	TAQUILLA	27500
11.931	H	TELETREBOL	27500
11.931	H	ST-HILO 1	27500
11.931	H	ST-HILO 2	27500
11.931	H	ST-HILO 3	27500
11.931	H	CDVIRAN	27500
11.931	H	EMUGA RADIOFUSION	27500
11.931	H	INTERECONOMIA	27500
11.931	H	RADIO MARIA	27500
● 11.972	V	God TV	27500
11.972	V	Destino Galicia	27500
11.972	V	IB Sat	27500
● 11.972	V	Parlamentario	27500
11.972	V	Popular TV	27500
11.972	V	Red AD Venir	27500
11.972	V	Telesur	27500
11.972	V	TV Aragon	27500
11.972	V	TV Record	27500
11.972	V	TVE Internacional	27500
● 11.972	V	COPE	27500
11.972	V	Radio Aragon	27500
11.972	V	Radio IB 3	27500
12.012	V	AXN	27500
● 12.012	V	BBC WORLD	27500
12.012	V	BBC World News	27500
● 12.012	V	CNBC	27500
● 12.012	V	CNN	27500
● 12.012	V	CNN INT	27500
12.012	V	EuroNews	27500
● 12.012	V	EURONEWS	27500
12.012	V	France 24	27500
● 12.012	V	FRANCE 24 ENG	27500
● 12.012	V	MEZZO	27500
12.012	V	Mezzo	27500
● 12.012	V	MTV TWO	27500
● 12.012	V	MTV2	27500
12.012	V	People + Arts	27500
12.012	V	SIC Mulher	27500
● 12.012	V	SKY News	27500
12.012	V	Sport TV 2	27500
12.012	V	Venus	27500
12.012	V	VH1	27500
12.052	H	BLOOMBERG	30000
12.052	H	CARTOON	30000
12.052	H	CNBC EUROPE	30000
● 12.052	H	DEUTSCHE WELLE	30000
12.052	H	DISCOVERY CHANNEL	30000
12.052	H	DISNEY CHANNEL	30000
● 12.052	H	ESPN AMERICA	30000
12.052	H	EUROCHANNEL	30000
12.052	H	EUROSPORT HD	30000
12.052	H	EUROSPORT2	30000
12.052	H	FUEL TV	30000
12.052	H	MCM POP	30000
12.052	H	MEZZO	30000
12.052	H	MGM	30000
12.052	H	ODISSEIA	30000
12.052	H	PLAYBOY TV	30000
12.052	H	SIC	30000
12.052	H	SIC MULHER	30000
12.052	H	SIC NOTÍCIAS	30000
12.052	H	SIC RADICAL	30000
12.052	H	SONY ENTERTAINMEN	30000
12.052	H	SPORT TV 2	30000
12.052	H	SPORT TV 3	30000
12.052	H	TVCINE 3	30000
12.052	H	ZONE REALITY	30000
12.092	V	AXN	27500
● 12.

SatcoDX Global Satellite Chart 04/2009

INTELSAT 907
332.5 East (27.5 West)
IN907EH

Freq	Pol	Channel Name	Symbol rate
3.715	R	Ch. 50 - AF 1-2, AF	8448
3.715	R	Ch. 51 - AF 1-2, AF	8448
3.715	R	Ch. 52 - AF 1-2, AF	8448
3.715	R	Ch. 53 - AF 3-4, AF	8448
3.715	R	Ch. 58 - AF 1-8	8448
3.715	R	Ch. 60 - AF 1-2, AF	8448
3.715	R	Ch. 61 - AF 1-2, AF	8448
3.715	R	Ch. 62 - AF 1-2, AF	8448
3.715	R	Ch. 63 - AF 5-6, AF	8448
3.715	R	Ch. 64 - AF 3-4, AF	8448
3.715	R	Ch. 65 - AF 3-4, AF	8448
3.715	R	Ch. 66 - AF 5-6, AF	8448
3.715	R	Ch. 67 - AF 9-10, AF	8448
3.715	R	Ch. 68 - AF 13-14, A	8448
3.715	R	Ch. 8 - OS Downloa	8448
3.715	R	Ch. 9 - OS Downloa	8448
3.715	R	Channel 1	8448
3.762	R	Alhurra	30491
3.762	R	Feeds	30491
3.762	R	WorldNet	30491
3.762	R	Radio Farda	30491
3.762	R	RFE/Radio Liberty	30491
3.762	R	VoA News Now	30491
3.762	R	Voice of America	30491
3.849	R	RTP Mux	10850
3.898	R	NTA	2892
3.936	R		4550
4.050	R	Service 1	7000

IN907KE

11.516	V	INTELSAT	5632
11.665	V	Region 2A Ch5	13020
11.665	V	Region 3A Ch5	13020
11.665	V	Region 4A Ch5	13020
11.665	V	Region 5A Ch5	13020

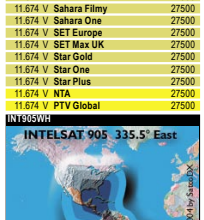
IN907WH

3.732	R	FREE-X TV	14000
3.732	R	Fashion TV	14000
3.732	R	Kurdsat	14000
3.732	R	RR Sat promo	14000
3.732	R	TGN	14000
3.732	R	The God Channel	14000
3.732	R	VTV 4	14000
3.732	R	TGN Radio	14000
3.732	R	TRT FM	14000

INTELSAT 905
339.5 East (24.5 West)
IN905CG

4.193	R	R-T-B	5180
11.521	V	TELEIPPICA	3333
11.674	V	Aaj Tak	27500
11.674	V	GEO	27500
11.674	V	GEO News	27500
11.674	V	NDTV 24x7	27500
11.674	V	Sahara Filmy	27500
11.674	V	Sahara One	27500
11.674	V	SET Europe	27500
11.674	V	SET Max UK	27500
11.674	V	Star Gold	27500
11.674	V	Star One	27500
11.674	V	Star Plus	27500
11.674	V	NTA	27500
11.674	V	PTV Global	27500

IN905WH

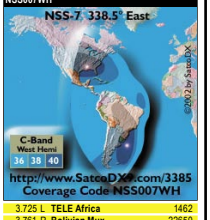


3.729	R	Al Arabiya	13333
3.729	R	Al Jazeera	13333
11.025	V	Astro TV	4000
11.025	V	DUGA	4000
11.025	V	TV 24 SAT	4000
11.048	H	Argentinisima Sateli	14400
11.048	H	Aym Sports 1	14400
11.048	H	Azteca Novelas	14400
11.048	H	Cable Noticias	14400
11.048	H	Cosmovision	14400
11.048	H	Ecuavisa Internacion	14400
11.048	H	once tv	14400
11.048	H	Rumba TV	14400
11.048	H	Tele Nostalgia	14400
11.048	H	TV Agro	14400
11.048	H	Radio-1	14400
11.048	H	Radio-2	14400
11.048	H	Radio-3	14400
11.048	H	Radio-4	14400
11.048	H	Radio-5	14400
11.048	H	Radio-6	14400
11.048	H	Radio-7	14400
11.048	H	Radio-8	14400
11.640	V	ITV MAIN	21100
11.675	V	Aaj Tak	27500
11.675	V	GEO	27500
11.675	V	GEO News	27500
11.675	V	NDTV 24x7	27500
11.675	V	Sahara Filmy	27500
11.675	V	Sahara One	27500
11.675	V	SET Europe	27500
11.675	V	SET Max UK	27500
11.675	V	Star Gold	27500
11.675	V	Star One	27500
11.675	V	Star Plus	27500
11.675	V	NTA	27500
11.675	V	PTV Global	27500

C-Band: NSS 7
338.1 East (21.9 West)

4.116	L	Atlantic	3680
4.116	L	News	3680
4.116	L	Sports	3680
3.650	R	EQUIDIA PRO	27500
3.650	R	2M MAROC	27500
3.650	R	AL Maghribiya	27500
3.650	R	CANAL ALGERIE	27500
3.650	R	TELE_CONGO	27500
3.650	R	Vox Africa	27500
3.650	R	WALF TV	27500
3.650	R	COFRAC	27500
3.650	R	RADIO 2M	27500
3.650	R	Radio Congo	27500
3.650	R	TDA CH 1	27500
3.650	R	TDA Radio Internatio	27500
3.650	R	Walf 1	27500
3.982	L	TV + GABON	1380

NSS007WH



3.725	L	TELE Africa	1462
3.761	R	Bolivian Mux	22650
3.948	R	Samanyolu TV Amerika	2200
3.644	R	EQUIDIA PRO	27500
3.644	R	2M MAROC	27500
3.644	R	AL Maghribiya	27500
3.644	R	CANAL ALGERIE	27500
3.644	R	TELE_CONGO	27500
3.644	R	Vox Africa	27500
3.644	R	WALF TV	27500
3.644	R	COFRAC	27500
3.644	R	RADIO 2M	27500
3.644	R	Radio Congo	27500
3.644	R	TDA CH 1	27500
3.644	R	TDA Radio Internatio	27500
3.644	R	Walf 1	27500

Europe, North Africa
INTELSAT 901
342.0 East (18.0 West)

11.156	H	CONADTV	1600

C-Band: INTELSAT 901
342.1 East (17.9 West)

3.718	L	AIT-MOVISTAR	2480
3.791	R	AIT-INT-USA	4340
3.798	R	AIT-UK	4340
3.803	R	AIT LAGOS	2894
3.808	R	DAAR New York	4340
3.813	R	AIT LAGOS	2480
3.818	R	AIT-GHANA	2480

Europe
TELSTAR 12
345.0 East (15.0 West)

11.150	H	Club CE	18386
11.150	H	Club/Irisz	18386
11.150	H	Extreme France	18386
11.150	V	History Channel	19275
11.150	V	JimJam EMEA	19275
11.150	H	NatGeo Romenia	18386
11.150	V	NatGeo Wild	19275
11.150	H	Playboy TV NL	18386
11.150	H	Reality EMEA	18386
11.150	V	Reality Poland	19275
11.150	H	TEST 01	18386
11.150	H	TEST 02	18386
11.150	H	ASDA ENG	18386
11.150	H	ASDA SCO	18386
11.150	H	Carpet Right FM	18386
11.150	V	EPG	19275
11.150	H	Makro FM	18386
11.150	V	Nagra Guide	19275
11.150	H	PC World FM	18386
11.678	V	Reform TV	2200
12.545	H	ATN 1	11900
12.545	H	ATN 2	11900
12.545	H	CNN HDLN	11900
12.545	H	CNN LIVE	11900
12.545	H	FOX	11900
12.545	H	Pentagon	11900
12.545	H	QUAD ISR	11900
12.589	V	Simaye-Azadi	4503
12.608	H	ADTH COMBO	19279
12.608	H	ETV	19279
12.608	H	Phoenix InfoNews	19279
12.608	H	AGHAPY TV	19279
12.608	H	BBC PERSIAN	19279
12.608	H	Hwazan	19279
12.608	H	MAC TV	19279
12.608	H	TZUCHI	19279
12.608	H	VOA Persian	19279
12.608	H	Farda Radio	19279
12.608	H	Radio Sedaye Iran	19279
12.608	H	VOA Radio	19279
12.645	H	EARTH TV	3255
12.657	H	TELEMEDIA UK 1	3255
12.662	H	Default Service	2893
11.123	H	Club Europe	18386
11.123	H	Extreme Sports	18386
11.123	H	JimJam ME	18386
11.123	H	Nat Geo Poland	18386
11.123	H	Reality TV	18386
11.150	H	Club CE	18386
11.150	H	Club/Irisz	18386
11.150	H	NatGeo Romenia	18386
11.150	H	Extreme France	18386
11.150	H	NatGeo Romenia	18386
11.150	H	Playboy TV NL	18386
11.150	H	Reality EMEA	18386
11.150	H	ASDA ENG	18386
11.150	H	ASDA SCO	18386
11.150	H	Carpet Right FM	18386
11.150	H	Makro FM	18386
11.150	H	PC World FM	18386

Europe
ATLANTIC BIRD 1
347.5 East (12.5 West)

11.100	H	LIFE CHANNEL	2000
11.132	H	BH-TV1	3254
11.132	H	BH-Radio1	3254
11.337	H	CCTV-4	1923
11.340	H	Cancao Nova Internac	2279
11.355	H	ESP2 Hungary	11781
11.355	H	ESP2 Romania	11781
11.355	H	TBi	11781
11.387	H	Boomerang Germany	27500
11.387	H	CN Germany	27500
11.387	H	Dorcel TV	27500
11.387	H	TCM Germany	27500
11.387	H	3CHANNEL	27500
11.387	H	BETHEL TV	27500
11.387	H	HOLYDAY SAT-GOLD	27500
11.387	H	KJC	27500
11.387	H	LAURENTI CHANNEL	27500
11.387	H	LAZIO CHANNEL	27500
11.387	H	Liberty TV NL	27500
11.387	H	LUXURY CHANNEL	27500
11.387	H	NSTV	27500
12.515	H	Cartapiu' A	17452
12.515	H	Cartapiu' B	17452
12.515	H	Cartapiu' C	17452
12.515	H	Cartapiu' D	17452
12.515	H	Cartapiu' E	17452
12.515	H	LA7	17452
12.515	H	PIU' SERVIZI	17452
12.546	H	TED	17454
12.546	H	LA7	17454
12.546	H	MTV ITALIA	17454
12.546	H	QOOB	17454
12.546	H	Sportitalia	17454
12.546	H	Sportitalia24	17454
12.578	V	SSN TV	5860
12.578	V	Radio Azadegan	5860
12.578	V	Radio Dija	5860
12.597	H	Extra 3	1910

Europe
ATLANTIC BIRD 2
352.0 East (8.0 West)

10.972	V	Body in Balance	27500
10.972	V	Channel One Russia	27500
10.972	V	Euro Star	27500
10.972	V	Euronews English	27500
10.972	V	Euronews French	27500
10.972	V	Euronews Italy	27500
10.972	V	Euronews Portugese	27500
10.972	V	Euronews Russia	27500
10.972	V	Euronews Spain	27500
10.972	V	Minowelt	27500
10.972	V	LigTV	27500
10.972	V	PinkPlus	27500
10.972	V	France 24	27500
10.972	V	RTR Planeta	27500
11.010	H	AMERICA PLUS +2	27500
11.010	H	ANIMAL PLANET	27500
11.010	H	BBC PRIME	27500
11.010	H	BOOMERANG	27500
11.010	H	CARTOON NETWORK	27500
11.010	H	CINEMA CITY +1	27500
11.010	H	DISCOVERY CHANNEL	27500
11.010	H	DISCOVERY T&L	27500
11.010	H	DISNEY CHANNEL	27500
11.010	H	ORBIT NEWS	27500
11.010	H	SUPER COMEDY +2	27500
11.010	H	TOON DISNEY	27500
11.010	H	CNNI	27500
11.010	H	FOX SPORTS	27500
11.010	H	e-GMA DZBB	27500
11.010	H	e-KHALIJYA'T	27500
11.010	H	e-MONAWA'T	27500
11.010	H	e-TARABIYA'T	27500
11.427	H	BBC Prime	27500
11.427	H	E! Entertainment (D/	27500
11.427	H	E! Entertainment (PL	27500
11.427	H	E! Entertainment (TR	27500
11.427	H	Romance TV	27500
11.427	H	RTVi Detskii Mir -	27500
11.427	H	RTVi Europe	27500
11.427	H	RTVi Nashe Kino	27500
11.427	H	sportdigital.tv	27500
11.427	H	yourfamily	27500
11.427	H	blu.fm	27500
12.539	H	K3 Kulturkanal	3038
12.649	V	Adult Channel	27500
12.649	V	Blue Hustler	27500
12.649	V	Bundesliga 1 - Kabel	27500
12.649	V	Bundesliga 2 - Kabel	27500
12.649	V	Bundesliga 3 - Kabel	27500
12.649	V	Bundesliga 4 - Kabel	27500
12.649	V	Bundesliga 5 - Kabel	27500
12.649	V	Bundesliga 6 - Kabel	27500
12.649	V	Bundesliga 7 - Kabel	27500
12.649	V	Bundesliga home - Ka	27500
12.649	V	Bundesliga info - Ka	27500
12.649	V	ESPN Classic	27500
12.649	V	Hustler TV	27500
12.649	V	rush test	27500
12.649	V	Super Sports Network	27500
12.649	V	TVN I Europe	27500
12.649	V	Yacht & Sail	27500
12.649	V	KabelKiosk - Infokan	27500
11.011	V	ATV Avrupa	27500
11.011	V	EuroD	27500
11.011	V	FOX Turk	27500
11.011	V	Kanal7 Int	27500
11.011	V	Rai Due	27500
11.011	V	Rai Tre	27500
11.011	V	Rai Uno	27500
11.011	V	Show Turk	27500
11.011	V	TRT Int	27500
11.011	V	TurkMax	27500
11.011	V	TV Polonia	27500
11.387	H	13TH Street	24740
11.387	H	AXN	24740
11.387	H	Biography Channel	24740
11.387	H	Boomerang	24740
11.387	H	Cartoon Network	24740
11.387	H	Motors TV Deutschlan	24740
11.387	H	NASN	24740
11.387	H	National Geographic	24740
11.387	H	Sci Fi Deutschland	24740
11.387	H	Silverline	24740
11.387	H	The History Channel	24740
11.387	H	Turner Classic Movie	24740

ATLANTIC BIRD 2
352.0 East (8.0 West)

11.057	H	AL SAFWA	27500
11.057	H	AL YAWM	27500
11.057	H	CINEMA 1	27500
11.057	H	CINEMA 2	27500
11.057	H	FANN	27500
11.057	H	FUN CHANNEL	27500
11.057	H	GMA Pinoy TV	27500
11.057	H	HISTORY CHANNEL	27500
11.057	H	HOLLYWOOD	27500
11.057	H	NBA TV	27500
11.057	H	NBN PINOY NEWS	27500
11.057	H	PBO	27500
11.057	H	SERIES	27500
11.057	H	SERIES+4	27500
11.057	H	SUPER MOVIES+1	27500
11.057	H	TCM	27500
11.553	V	Al Nahrin	25775
11.553	V	Aliraqiya Sports	25775
11.553	V	Almajd Alhadith Alnb	25775
11.553	V	Alqeetharah promo	25775
11.553	V	Alsaha promo	25775
11.553	V	Alsalam	25775
11.553	V	Angham	25775
11.553	V	I.M.G	25775
11.553	V	TalaVision	25775
11.553	V	Test 10	25775
11.553	V	Test 11	25775
11.553	V	Test 12	25775
11.595	V	Afaak TV	25775
11.595	V	Al Hurria TV	25775
11.595	V	Al Masar TV	25775
11.595	V	Al Nahrain promo	25775
11.595	V	Alwasta	25775
11.595	V	Babel TV promo	25775
11.595	V	Feeds (MC_ERTU)	25775
11.595	V	Ghinaeya	25775
11.595	V	Kurdistan TV	25775
11.595	V	Turkmeneli TV	25775
11.595	V	Radio Turkmeneli	25775
12.748	H	Radio	1100

Middle East
NILESAT 101, 102, ATLANTIC BIRD 4
353.0 East (7.0 West)
EUTAB4MK

10.719	V	Al Afasy Quran TV	27500
10.719	V	ALJazeera Children	27500
10.719	V	ASC	27500
10.719	V	Baraem	27500
10.719	V	Hannibal Orient	27500
10.719	V	JSC Documentry	27500
10.719	V	JSC Mubasher	27500
10.719	V	Majan	27500
10.719	V	Press TV	27500
10.719	V	RSC TV	27500
10.719	V	Test	27500
10.719	V	Test 4	27500
10.757	V	Al Rayah	27500
10.757	V	Al Saeeda	27500
10.757	V	AL-Atheer	27500
10.757	V	AL-Mergab	27500
10.757	V	Al-Shoroq	27500
10.757	V	ALMAJD9	27500
10.757	V	Harmony TV	27500
10.757	V	Mersai	27500
10.757	V	OK TV	27500
10.757	V	Sada TV	27500
10.757	V	Sahoor	27500
10.757	V	Test	27500
10.757	V	Test	27500
10.757	V	WOW	27500
10.757	V	ALKawther FM92	27500
10.795	V	Addounia	27500
10.795	V	AL Ahd	27500
10.795	V	Al Mukhtalif	27500
10.795	V	AL Tejariah	27500
10.795	V	AL-Amaken	27500
10.795	V	Fanoos	27500
10.795	V	Khalijiah	27500
10.795	V	KurdSat	27500
10.795	V	Massaya	27500
10.795	V	Melody Tunes	27500
10.795	V	Nassr Club TV	27500
10.795	V	Oman TV2	27500
10.795	V	Tunis 7	27500
10.795	V	Zagros	27500
10.795	V	Tunis Culture	27500
10.795	V	Tunis International	27500
10.795	V	Tunis National	27500
10.795	V	Zitouna Tunisie	27500
10.834	V	Al Badr	27500
10.834	V	Al Forqan	27500
10.834	V	Al Iraqia	27500
10.834	V	AL-Anbar	27500
10.834	V	Cairo-Univ1	27500
10.834	V	DaleelTV	27500
10.834	V	Iraqia Atyaf	27500
10.834	V	Iraqia Mubasher	27500
10.834	V	Najah 2	27500
10.834	V	Roaia	27500
10.834	V	Rotana Tarab	27500
10.834	V	Temp1	27500
10.834	V	Tunisie 21	27500
10.834	V	Algeel Radio	27500
10.834	V	Baghdad Radio	27500
10.834	V	Shahrazad Radio	27500
10.834	V	Test	27500
10.853	H	A3mal	27500
10.853	H	Afak	27500
10.853	H	Al Rahma	27500
10.853	H	AL SABAH TV	27500
10.853	H	ALinsaniya	27500
10.853	H	ALLORD	27500
10.853	H	Assaa	27500
10.853	H	LifeStyle TV	27500
10.853	H	Marina TV	27500
10.853	H	Melody TRIX	27500
10.853	H	MODERN	27500
10.853	H	Modern Sport	27500
10.853	H	Nile Family	27500
10.930	H	Aaj TV	27500
10.930	H	ADSC3	27500
10.930	H	ESPN	27500
10.930	H	ESPN Classic	27500
10.930	H	ESPN NASN	27500
10.930	H	INDUS VISION	27500
10.930	H	Aghanina	27500
10.930	H	AL-BABELEYA	27500
10.930	H	AL-SENAAEA	27500
10.930	H	Aletejah TV	27500
10.930	H	ARAB TV	27500
10.930	H	Leith	27500
10.930	H	Live TV	27500
10.930	H	Petra TV	27500
10.930	H	Test	27500
12.341	V	AL Aan	27500
12.341	V	ASIA BUSINESS TV	27500
12.341	V	Clicktv	27500
12.341	V	DECISION MAKER TV	27500
12.341	V	Dubai Sports 2	27500
12.341	V	FATAFEAT	27500
12.341	V	MBC Persia	27500
12.341	V	NDTV ARABIA	27500
12.341	V	NDTV IMAGINE	27500
12.341	V	RAK TV	27500
12.341	V	Space Toon English	27500
12.360	H	A LPHA Shop	27500
12.360	H	Al Ahly TV	27500
12.360	H	Al Badeel	27500
12.360	H	AL Hadath	27500
12.360	H	Al Hafez	27500
12.360	H	Al Mowselya TV	27500
12.360	H	ALLIBIYA	27500
12.360	H	ALSALAM	27500
12.360	H	ANN TV	27500
12.360	H	DIJLA	27500
12.360	H	LIBYA AL-RIADHIA	27500
12.360	H	LIBYA AL-RIADHIA	27500
12.360	H	Panorama Drama	27500
12.360	H	SCOPE Tv	27500
12.360	H	ALLIBIYA FM1	27500
12.360	H	AlSalam Radio	27500
12.399	H	Al Shababiya	27500
12.399	H	AL-Adalah	27500
12.399	H	ALHURRIA TV	27500
12.399	H	AlMasar TV	27500
12.399	H	Ashgan TV	27500
12.399	H	Ashur TV	27500
12.399	H	EVE	27500
12.399	H	Ghinaeya	27500
12.399	H	Iraqia Sport	27500
12.399	H	Kurdistan TV	27500
12.399	H	Lebanon TV	27500
12.399	H	Moga Comedy TV	27500
12.399	H	ON TV	27500
12.399	H	Test	27500
12.399	H	TURKMEN TV	27500
12.399	H	ALJamahereya R	27500
12.399	H	Iraqia Quran	27500

NIL101KB

11.785	V	AL SHARJAH TV	27500
11.785	V	AL SHARQIA	27500
11.785	V	CNBC ARABIA	27500
11.785	V	Dubai One	27500
11.785	V	Dubai Racing Channel	27500
11.785	V	Dubai Sports	27500
11.785	V	Dubai TV	27500
11.785	V	MUSIC PLUS	27500
11.785	V	NOJOOM 1	27500
11.785	V	Sama Dubai	27500
11.785	V	SPACETOON ARABIC	27500
11.785	V	AL SHARJAH RADIO	27500
11.785	V	EDTV Radio 1	27500
11.785	V	EDTV Radio E	27500
11.823	V	AL MAGHRIBIA	27500
11.823	V	Al-Resala	27500
11.823	V	Alhurra	27500
11.823	V	AlThuraya	27500
11.823	V	Bahrain	27500
11.823	V	Kuwait	27500
11.823	V	Kuwait Sport & +	27500
11.823	V	Mehwer	27500
11.823	V	Oman	27500
11.823	V	PSC	27500
11.823	V	Sudan	27500
11.823	V	Syria	27500
11.823	V	Test	27500
11.823	V	KW Radio	27500
11.823	V	Kw Sp Radio	27500
11.823	V	NEW FM Oman	27500
11.823	V	Oman -Quran	27500
11.823	V	Oman Arabic Radio	27500
11.823	V	Oman English Radio	27500
11.823	V	Syria R1	27500
11.823	V	Syria R2	27500
11.823	V	Syria R3	27500
11.862	V	Disney Channel	27500
11.862	V	E! Entertainment	27500
11.862	V	JimJam/Extreme	27500
11.862	V	MBC+ Drama	27500
11.862	V	Nat Geo Wild	27500
11.862	V	ShowComedy Xtra	27500
11.862	V	ShowShasha	27500
11.862	V	Al Waha	27500
11.862	V	Chatco	27500
11.862	V	City 7 TV	27500
11.862	V	Decision Maker	27500
11.862	V	Nojoom 3	27500
11.862	V	TXT	27500
11.862	V	Arabic EPG	27500
11.900	V	ASNshop	27500
11.900	V	Dream	27500
11.900	V	DW-TV ARABIA	27500
11.900	V	ETV	27500
11.900	V	Kuwait Ch.2	27500
11.900	V	Majd	27500
11.900	V	Mazzika	27500
11.900	V	Mazzika Zoom	27500
11.900	V	Melody Hits	27500
11.900	V	Oyoun TV	27500
11.900	V	Sahm TV	27500
11.900	V	TV5	27500
11.900	V	Xpress Shop	27500
11.900	V	DW A1	27500
11.900	V	DW A2	27500
11.900	V	Nile FM	27500
11.900	V	Nugoom FM	27500

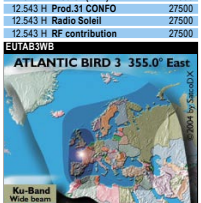
NIL102KB

11.919	H	Al Manhal	27500
11.919	H	Al NAS TV	27500
11.919	H	Al Saha TV	27500
11.919	H	Al-Kawthar	27500
11.919	H	ALBAGHDADIA	27500
11.919	H	ALRAFIDEN	27500
11.919	H	BAGHDAD TV	27500
11.919	H	Flash TV	27500
11.919	H	Iraqia TV	27500
11.919	H	Poet	27500
11.919	H	STV	27500
11.919	H	UNIV2	27500
11.919	H	Waseet EL-Khair	27500
11.919	H	Yemen	27500
11.919	H	AlAlam Radio1	27500
11.919	H	DAR ALSALAM Radio	27500
11.919	H	NIS Cesium	27500
11.919	H	Test	27500
11.919	H	Yemen R1	27500
11.919	H	Yemen R2	27500
11.938	V	AL AQARIYA	27500
11.938	V	AL EQTISADIA TV	27500
11.938	V	Alarabiya	27500
11.938	V	CITRUSS TV	27500
11.938	V	HAWAS TV	27500
11.938	V	MBC Action	27500
11.938	V	MBC MAX	27500
11.938	V	MBC1	27500
11.938	V	MBC2	27500
11.938	V	MBC3	27500
11.938	V	MBC4	27500
11.938	V	ZEE AFLAM	27500
12.053	V	AD Sport TV	27500
12.053	V	AL Anwar	27500
12.053	V	Al Bait	27500
12.053	V	AL Zahabiya	27500
12.053	V	Al-Alam	27500
12.053	V	Al-Majd3	27500
12.053	V	ALKASS TV	27500
12.053	V	Bedaya	27500
12.053	V	GHINWA	27500
12.053	V	Hannibal	27500
12.053	V	Hi TV	27500
12.053	V	Mara7 TV	27500
12.053	V	Mersal TV	27500
12.053	V	OTV	27500
12.053	V	Rotana Zaman	27500
12.053	V	Selevision Data Comm	27500
12.053	V	DAL	27500
12.149	H	Al-EKhbaria	27500
12.149	H	Saudi Sport	27500
12.149	H	Saudi TV	27500
12.149	H	Saudi-1	27500
12.149	H	Saudi-2	27500
12.149	H	European	27500
12.149	H	Holy Quran	27500
12.149	H	Sama-5	27500
12.149	H	Saudi Radio-1	27500
12.149	H	Saudi Radio-2	27500
12.206	V	Al Danah	27500
12.206	V	Al-Zaeem	27500
12.206	V	ALhayat	27500
12.206	V	ALSahraa	27500
12.

Freq Pol Channel Name Symbol rate GHz

Europe
ATLANTIC BIRD 3
355.0 East (5.0 West)
EUTAB3SB

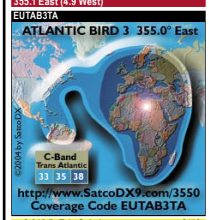
10.975 V OIV Feed 3 (OIV Fe 2894
10.975 V OIV Feed 3 (Radio 2894
11.064 H BOUCHAOUI_TDA3 16270
11.064 H PROGRAMME NATIONA 16270
11.064 H A3 16270
11.064 H CANAL ALGERIE 16270
11.064 H ADRAR 16270
11.064 H AHAGGAR 16270
11.064 H BATNA 16270
11.064 H CHAINE 1 16270
11.064 H CHAINE 2 16270
11.064 H CHAINE 3 16270
11.064 H ELWAHAT 16270
11.064 H ESSOUHOUB 16270
11.064 H GHARDAIA 16270
11.064 H ILLIZI 16270
11.064 H JIJEL 16270
11.064 H NAAMA 16270
11.064 H RADIO INTERNATION 16270
11.064 H Radio20 16270
11.064 H SAHEL 16270
11.064 H SAOURA 16270
11.064 H SOUF 16270
11.064 H SOUK AHRAS 16270
11.064 H TINDOUF 16270
11.064 H TLEMCEN 16270
11.070 V ELPITEL MCR 3214
11.512 V ANIMAUX 29950
11.512 V BFM 29950
11.512 V CINE FIRST 29950
11.512 V CINE FX 29950
11.512 V CINE POLAR 29950
11.512 V Direct 8 29950
11.512 V DORCEL TV 29950
11.512 V France 4 29950
11.512 V France Ô 29950
11.512 V GULLI 29950
11.512 V NRJ12 29950
11.512 V O. sport info 29950
11.512 V VIDEOCLICK 29950
11.512 V Virgin 17 29950
11.512 V KTO 29950
11.512 V TMC 29950
11.512 V TV6 Mont Blanc 29950
11.554 V AB 1 29950
11.554 V AB MOTEURS 29950
11.554 V ACTION 29950
11.554 V CHASSE ET PECHE 29950
11.554 V ENCYCLO 29950
11.554 V ESCALES 29950
11.554 V M6 29950
11.554 V MANGAS 29950
11.554 V NT1 29950
11.554 V RTL9 29950
11.554 V TF1 29950
11.554 V Toute l'Histoire 29950
11.554 V TV5MONDE FBS 29950
11.554 V W9 29950
11.554 V XXL 29950
11.554 V RCF 29950
11.554 V RCF01_PAYS_DE_L_A 29950
11.554 V RCF05 HAUTE-ALPES 29950
11.554 V RCF07_VIVARAIS 29950
11.554 V RCF11_PAYS_D_AUDE 29950
11.554 V RCF18_BERRY 29950
11.554 V RCF19_CORREZE 29950
11.554 V RCF21 PARABOLE DI 29950
11.554 V RCF26 29950
11.554 V RCF33 BORDEAUX 29950
11.554 V RCF37 SAINT-MARTI 29950
11.554 V RCF41 29950
11.554 V RCF43_LE_PUY_EN_V 29950
11.554 V RCF51 REIMS ARDEN 29950
11.554 V RCF54 JERICO NANC 29950
11.554 V RCF69_LYON_FOURVI 29950
11.554 V RCF73_SAVOIE 29950
11.554 V RCF74 HAUTE-SAVOI 29950
11.554 V RCF76 HAUTE-NORMA 29950
11.554 V RCF84_LUMIERES 29950
11.590 V ARTE 20000
11.590 V France 2 20000
11.590 V France 3 20000
11.590 V France 5 20000
11.590 V LCP 20000
11.609 V France3 Grenoble 6944
11.609 V ViaStella 6944
11.675 V Disney Channel - Pre 27000
11.675 V Joi - Premium 27000
11.675 V Joi+1 - Premium 27000
11.675 V Mya - Premium 27000
11.675 V Mya+1 - Premium 27000
11.675 V Servizio 14 27000
11.675 V Servizio 16 27000
11.675 V Servizio 17 27000
11.675 V Servizio 18 27000
11.675 V Steel - Premium 27000
11.675 V Steel+1 - Premium 27000
11.675 V Mediashopping 27000
11.675 V Servizio 13 27000
11.675 V Servizio 20 27000
11.675 V Servizio M_e 27000
12.543 H Fox Life 27500
12.543 H MCM BELGIQUE 27500
12.543 H GCPE1 27500
12.543 H Lloyds Live 27500
12.543 H Spar Live 27500
12.543 H CAPYTOL 27500
12.543 H FIP Region 27500
12.543 H France Bleu Frequenz 27500
12.543 H France Bleu IDF 27500
12.543 H France Bleu Modulati 27500
12.543 H Prod.31 (BUT) 27500
12.543 H Prod.31 (GIFI) 27500
12.543 H Prod.31 CONFO 27500
12.543 H Radio Soleil 27500
12.543 H RF contribution 27500
EUTAB3WB



12.614 H SEX ON TV CLASSIC 8790
12.614 H SEX ON TV CRYSTAL 8790
12.614 H SEX ON TV GOLD 8790
12.614 H SEX ON TV SILVER 8790
12.614 H SEX ON TV DIAMOND 8790
12.614 H TAPESH TV2 8790
11.471 V Canal+ 29950
11.471 V I tele 29950
11.471 V M6 29950
11.471 V Orange ciné choc 29950

Freq Pol Channel Name Symbol rate GHz

11.471 V Orange ciné choc gen 29950
11.471 V Orange ciné géants 29950
11.471 V Orange ciné géants g 29950
11.471 V Orange ciné happy 29950
11.471 V Orange ciné happy ge 29950
11.471 V Orange ciné max 29950
11.471 V Orange ciné max gene 29950
11.471 V Orange ciné novo 29950
11.471 V Orange ciné novo gen 29950
11.471 V Orange foot 29950
11.471 V Orange Foot generete 29950
11.471 V Orange foot HD 29950
11.471 V W9 29950
11.471 V Orange ciné max HD 29950
12.615 H SEX ON TV CLASSIC 8789
12.615 H SEX ON TV CRYSTAL 8789
12.615 H SEX ON TV GOLD 8789
12.615 H SEX ON TV SILVER 8789
12.615 H SEX ON TV DIAMOND 8789
12.615 H TAPESH TV2 8789
Africa, Europe, Middle America
C-Band: ATLANTIC BIRD 3
355.1 East (4.9 West)
EUTAB3TA



3.646 R Tele Sahel 2170
3.656 R KTN NGONG ENC B 2892
3.711 L CRTV 2785
4.157 L RTN GABON 8010
4.157 L TV1 GABON 8010
4.157 L TV2 GABON 8010
4.157 L RADIO AFRICA+ 8010
4.157 L RADIO AFRICA1 8010
4.157 L RADIO GABON 8010
4.159 R AL -MALOUMA 20330
4.159 R AL BADEEL 20330
4.159 R AL HEDAYA 20330
4.159 R AL-MONOWA 20330
4.159 R ALNADI 20330
4.159 R Jamahiriya Sat Chann 20330
4.159 R Libya Sport (Riadi 20330
4.159 R LY LJB 20330
3.727 R CFIAFRPRO1 29950
3.727 R CFIAFRPRO2 29950
3.727 R CFIAMEPRO 29950
3.727 R RFI Newzik 29950
3.727 R DOM 1 29950
3.727 R DOM 2 29950
3.727 R DOM 3 29950
3.727 R DOM 4 29950
3.727 R DOM 5 29950
3.727 R DOM 6 29950
3.727 R DOM 7 29950
3.727 R DOM 8 29950
3.727 R DW-TV-AFRICA 29950
3.727 R RFI Francais 29950
3.727 R RFI Test 29950
3.727 R CFI Audio 1 29950
3.727 R CFI Audio 2 29950
3.727 R CFI Audio 3 29950
3.727 R DW 01 29950
3.727 R DW 02 29950
3.727 R DW 04 29950
3.727 R DW 05 29950
3.727 R DW 06 29950
3.727 R DW 08 29950
3.727 R DW 09 29950
3.727 R RCI 3 29950
3.727 R RFI AF Centrale 29950
3.727 R RFI Bissau 29950
3.727 R RFI Cameroun 29950
3.727 R RFI Cap Vert 29950
3.727 R RFI Divers 1 29950
3.727 R RFI Divers 2 29950
3.727 R RFI Divers 3 29950
3.727 R RFI Gambie 29950
3.727 R RFI Ghana 29950
3.727 R RFI Haussa 29950
3.727 R RFI Kenya 29950
3.727 R RFI Langues 1 29950
3.727 R RFI Langues 2 29950
3.727 R RFI Lesotho 29950
3.727 R RFI Liberia 29950
3.727 R RFI Madagascar 29950
3.727 R RFI Malabo Pico 29950
3.727 R RFI Malabo Ville 29950
3.727 R RFI Mozambique 29950
3.727 R RFI Musique 29950
3.727 R RFI Namibie 29950
3.727 R RFI Niamey 29950
3.727 R RFI Niger 29950
3.727 R RFI Nord Cameroun 29950
3.727 R RFI Ocean Indien 29950
3.727 R RFI Ouganda 29950
3.727 R RFI Rmc 29950
3.727 R RFI Rwanda 29950
3.727 R RFI Sao Tome 29950
3.727 R RFI Senegal 29950
3.727 R RFI Sierra Leone 29950
3.727 R RFI Tanzanie 29950
3.727 R RFI Tchad 29950
3.727 R RFI WS Ouest 29950
3.727 R RFI WS Sud 29950
3.727 R RFI Zambie 29950
3.727 R RTBF 29950
Europe
AMOS 2,3
356.0 East (4.0 West)
10.842 H Animal Planet 27500
10.842 H Antena 1 27500
10.842 H AXN Sci-Fi 27500
10.842 H Boomerang 27500
10.842 H Discovery 27500
10.842 H Eurosport 2 27500
10.842 H Minimax 27500
10.842 H MTV Hits 27500
10.842 H National TV 27500
10.842 H Prima TV 27500
10.842 H Realitatea TV 27500
10.842 H Science 27500
10.842 H Travel & Liv. 27500
10.842 H U TV 27500
10.842 H VH 1 27500
10.842 H World 27500
10.842 H Radio Guerrilla 27500
10.842 H Boom Music 27500
10.842 H Sport Total 27500
10.925 H XXX Xtreme 27500
10.925 H Boom Action 27500
10.925 H Boom Comedy 27500
10.925 H Boom Drama 27500
10.925 H Boom Hop! 27500
10.925 H Boom Indian 27500
10.925 H Boom Sport One 27500
10.925 H Boom Sport Two 27500
10.925 H Extreme Sports 27500
10.925 H Favorit TV 27500
10.925 H Kanal D 27500
10.925 H Nat. Geographic 27500
10.925 H Playboy 27500
10.925 H Smarty 27500
10.925 H Sport Klub Ro 27500
10.925 H Sport.Ro 27500
10.925 H TVR Cultural 27500
10.925 H Viasat History 27500
11.260 H 4, a storyteve 27500
11.260 H anime+ Hungary 27500
11.260 H anime+ Romania 27500
11.260 H Filmmuzeum 27500

Freq Pol Channel Name Symbol rate GHz

11.260 H hirTV 27500
11.260 H Minimax Hun/A+ 27500
11.260 H Minimax Rom/A+ 27500
11.260 H Pax TV 27500
11.260 H Ch#2 27500
11.260 H Minimax Hungary 27500
11.260 H Minimax Romania 27500
11.260 H Minimax Serbia 27500
11.260 H Telemedia 2 27500
11.260 H Telemedia 3 27500
11.260 H Telemedia 6 27500
11.260 H Gong Radio 27500
11.260 H Juventus Radio 27500
11.260 H jazzradio.hu 27500
11.303 H ATV 19540
11.303 H Comedy Central 19540
11.303 H SK PL 19540
11.303 H SK PL + 19540
11.303 H Sportklub 19540
11.303 H Vitál TV 19540
11.303 H Radio1 19540
11.303 H Katolikus Radio 19540
11.333 H Halozat TV 3500
11.351 H OBN 3350
11.427 H NTV HAYAT BIH 5926
11.427 H NTV HAYAT SAT 5926
11.427 H Radio Stari Grad 5926
11.560 H BBC World 13400
11.560 H CNN 13400
11.560 H Duna TV 13400
11.560 H Money Channel 13400
11.560 H MTV ro 13400
11.560 H Music Max Adult 13400
11.560 H MusicMax 13400
11.560 H OTV 13400
11.560 H Taraf TV 13400
11.560 H TV 5 13400
11.560 H TVR 3 13400
11.575 H CNL Sibiria 8887
11.575 H CNL Ukraine 8887
11.575 H LIFE TV Estonia 8887
11.575 H TBN Russia 8887
11.575 H TEST 8887
11.586 H Carli TV 7958
11.586 H Golica 7958
11.586 H MTV Adria 7958
AMO002EU

10.722 H MEGASPORT 27500
10.722 H TV KYIV 27500
10.722 H 1PLUS1 27500
10.722 H 1PLUS1 CINEMA 27500
10.722 H K1 27500
10.722 H K2 27500
10.722 H OTV 27500
10.722 H UBR 27500
10.759 H ICTV 30000
10.759 H KIEV STB 30000
10.759 H M1 30000
10.759 H M2 30000
10.759 H MTV UKRAINE 30000
10.759 H NEWS 24 30000
10.759 H QTV 30000
10.759 H TONIS 30000
10.759 H Radio Antoshka 30000
10.806 H Cinemax 2 Bulgaria 27500
10.806 H Cinemax 2 Czech 27500
10.806 H Cinemax 2 Hungary 27500
10.806 H Cinemax 2 Internatio 27500
10.806 H Cinemax 2 Poland 27500
10.806 H Cinemax 2 Romania 27500
10.806 H Cinemax Adria Test 27500
10.806 H Cinemax Bulgaria 27500
10.806 H Cinemax Czech 27500
10.806 H Cinemax Hungary 27500
10.806 H Cinemax Internationa 27500
10.806 H Cinemax Poland 27500
10.806 H Cinemax Romania 27500
10.806 H Comedy Adria Bulgari 27500
10.806 H Comedy Adria Croatia 27500
10.806 H Comedy Adria Interna 27500
10.806 H Comedy Adria Serbia 27500
10.806 H Comedy Adria Sloveni 27500
10.806 H HBO Adria Bulgaria 27500
10.806 H HBO Adria Croatia 27500
10.806 H HBO Adria for DTH 27500
10.806 H HBO Adria Serbia 27500
10.806 H HBO Adria Slovenia 27500
10.806 H HBO Adria Test 27500
10.806 H HBO Comedy Czech 27500
10.806 H HBO Comedy Hungary 27500
10.806 H HBO Comedy Internati 27500
10.806 H HBO Comedy Romania 27500
10.806 H HBO Czech 27500
10.806 H HBO Czech (AC3) 27500
10.806 H HBO Czech Original 27500
10.806 H HBO Hungary 27500
10.806 H HBO Hungary (AC3) 27500
10.806 H HBO Hungary Origin 27500
10.806 H HBO Romania 27500
10.806 H HBO Romania (AC3) 27500
10.806 H HBO2 Czech 27500
10.806 H HBO2 for DTH 27500
10.806 H HBO2 Hungary 27500
10.806 H HBO2 OrigHu 27500
10.806 H Spektrum 27500
10.806 H OS Download 27500
11.412 H HBO Comedy Poland 7926
11.412 H HBO Pol Orig 7926
11.412 H HBO Poland 7926
11.412 H HBO Poland (AC3) 7926
11.412 H HBO Poland for STB 7926
11.412 H HBO2 Poland 7926
11.412 H HBO2 Poland for ST 7926
11.412 H HBO2 Poland Origin 7926
11.412 H Subtitling test 7926
11.412 H OS Download 2 7926
11.650 H B1 21350
11.650 H Telesport 21350
11.650 H Canal 1 21350
11.650 H Future Channel 21350
11.650 H Good Life Channel 21350
11.650 H Trinitas TV 21350
11.650 H TV Neptun 21350
11.650 H Radio Reintregirea 21350
11.650 H Trinitas 21350
11.690 H Gumor TV 7200
11.690 H MUSIC BOX 7200
11.690 H REAL ESTATE TV 7200
11.759 V Eurosport HD 30000
11.759 V HBO HD 30000
11.759 V NatGeo HD 30000
11.759 V mr1-Kossuth 30000
11.759 V mr2-Petőfi 30000
11.759 V mr3-Bartók 30000
11.179 H TVRM 6666
11.179 H TVRM Cultural 6666
11.179 H RRM 6666
11.319 H NATIONAL GEOGRAPH 2750
11.557 H BBC World 13400
11.557 H CNN 13400
11.557 H Duna TV 13400
11.557 H Money Channel 13400
11.557 H MTV ro 13400
11.557 H Music Max Adult 13400
11.557 H MusicMax 13400
11.557 H OTV 13400
11.557 H Taraf TV 13400
11.557 H TV 5 13400
11.557 H TVR 3 13400

Freq Pol Channel Name Symbol rate GHz

12.543 H Fox Life 27500
12.543 H MCM BELGIQUE 27500
12.543 H GCPE1 27500
12.543 H Lloyds Live 27500
12.543 H Spar Live 27500
12.543 H CAPYTOL 27500
12.543 H FIP Region 27500
12.543 H France Bleu Frequenz 27500
12.543 H France Bleu IdF 27500
12.543 H France Bleu Modulati 27500
12.543 H Prod.31 (BUT) 27500
12.543 H Prod.31 (GIFI) 27500
12.543 H Prod.31 CONFO 27500
12.543 H Radio Soleil 27500
12.543 H RF contribution 27500
Middle East
AMOS 1,2
356.1 East (3.9 West)
10.972 V BBC Prime 27500
10.972 V CNN 27500
10.972 V DVDbox 27500
10.972 V Star World 27500
10.972 V Test Channel 27500
10.972 V Viva Platina 27500
10.972 V Yes Docu 27500
10.972 V 90 FM 27500
10.972 V Arabic IBA 27500
10.972 V Radio 102FM 27500
10.972 V Radio 103FM 27500
10.972 V RADIO 88 FM 27500
10.972 V Radio 99esc 27500
10.972 V Radio darom 27500
10.972 V Radio Galaz 27500
10.972 V Radio Galgalaz 27500
10.972 V Radio Jerusalem 27500
10.972 V Radio K. Hamukika 27500
10.972 V Radio Kol Hai 27500
10.972 V Radio Kol Haiam Hado 27500
10.972 V RADIO LEV HAMEDIN 27500
10.972 V Radio Melodia 27500
10.972 V Radio Reka 27500
10.972 V Radio Reshet Alef 27500
10.972 V Radio Reshet Bet 27500
10.972 V Radio Reshet Gimel 27500
10.972 V Radio rishon 27500
10.972 V Radio Select 27500
10.972 V Radios 100 FM 27500
10.972 V Rodio Monitor 27500
10.986 H FETV 6666
10.986 H METV 6666
10.986 H RADIO 3 6666
10.986 H RADIO 4 6666
10.986 H RADIO 5 6666
10.986 H RADIO 6 6666
10.986 H RADIO 7 6666
10.986 H Radio Love 6666
10.986 H The Word 6666
10.993 H Baki TV 4850
10.993 H RR Sat Promo 4850
11.008 V Mystic Channel 27500
11.008 V Our Song 27500
11.008 V Sport One 27500
11.008 V Tech TV 27500
11.008 V Testcard 27500
11.008 V The Adult Channel 27500
11.008 V ToV-TV 27500
11.008 V TV5 27500
11.008 V Yes Casino 27500
11.008 V Yes Play 27500
11.008 V Yes Pulse 27500
11.008 V Yes Weather 27500
11.008 V GAME ONE 27500
11.008 V Logic games 27500
11.132 V KURDSAT 3254
11.177 V IBA 10 8520
11.177 V IBA 2 8520
11.474 V DVDBox 27500
11.474 V English League 27500
11.474 V Hatchelet 27500
11.474 V ISR WGames 27500
11.474 V Music Box Rusia 27500
11.474 V SAT 1 27500
11.474 V Yes Promo 27500
11.474 V Xtreme play 27500
11.510 V Biography 27500
11.510 V DVDbox 27500
11.510 V Good Life TV Network 27500
11.510 V History Channel 27500
11.510 V Israel Plus 27500
11.510 V Sports 5+ 27500
11.510 V TV Mall 27500
11.510 V Yes news 27500
11.510 V Yes Y 27500
11.510 V Yesababa 27500
11.558 V Adventure One 27500
11.558 V Animal Planet 27500
11.558 V Channel 3 27500
11.558 V Daystar 27500
11.558 V E! 27500
11.558 V English League 27500
11.558 V Kids Channel 27500
11.558 V M2 27500
11.558 V MCM TOP 27500
11.558 V Nickelodeon 27500
11.558 V Sat 3 27500
11.558 V Shopping 27500
11.558 V TCM 27500
11.558 V Yes Sport 27500
11.558 V Yes Weekend 27500
11.558 V Yes+ 27500
11.592 V Channel 3 27500
11.592 V Disc-Science 27500
11.592 V DVDbox 27500
11.592 V EGO 27500
11.592 V Eurosport 27500
11.592 V Extreme Sport Channe 27500
11.592 V Fox News 27500
11.592 V Israeli Game 27500
11.592 V Music 24 27500
11.592 V N. Geographic 27500
11.592 V The Discovery Channe 27500
11.592 V VH1 Classic 27500
11.592 V Yes 2 27500
11.592 V Zee TV 27500
11.677 V DVDbox 27500
11.677 V Education Channel 33 27500
11.677 V ESPN 27500
11.677 V MTV Base 27500
11.677 V Open Channel 27500
11.677 V Music Monitor 27500
11.677 V Music Select 27500
AMO002ME

10.720 V BBC World 27500
10.720 V Cartoon Network 27500
10.720 V DVDbox 27500
10.720 V Eurosport News 27500
10.720 V Interstar 27500
10.720 V MBC 27500
10.720 V METV 27500
10.720 V Planeta sport 27500
10.720 V Private Blue 27500
10.720 V Pro TV 27500
10.720 V RTM 27500
10.720 V TVE 27500
10.720 V Yes Anime 27500
10.758 V ARTE 27500
10.758 V CCTV 9 27500
10.758 V Channel 33 27500

Freq Pol Channel Name Symbol rate GHz

10.758 V DVDbox 27500
10.758 V Game One 27500
10.758 V LBC 27500
10.758 V Nashe Kino 27500
10.758 V RTL 27500
10.758 V RTR 27500
10.758 V RTV International 27500
10.758 V TVR International 27500
10.758 V Yes Teleclub 27500
10.803 V BBC Prime 27500
10.803 V Channel 1 27500
10.803 V Channel 2 27500
10.803 V emtv test 27500
10.803 V Fox News 27500
10.803 V iAD 27500
10.803 V Israel 10 27500
10.803 V Israel Plus 27500
10.803 V Israeli Cinema 27500
10.803 V ITV 27500
10.803 V KIDS CHANNEL 27500
10.803 V Nickelodeon 27500
10.803 V Playboy 27500
10.803 V Testcard 27500
10.803 V VIVA PLATINA 27500
10.803 V Yes + 27500
10.803 V Yes Docu 27500
10.803 V Yes Stars 27500
10.841 V Baby 27500
10.841 V Good life TV Network 27500
10.841 V Hallmark Israel 27500
10.841 V HOP! 27500
10.841 V Jetix 27500
10.841 V MGM 27500
10.841 V Open Channel 27500
10.841 V Russian Music Box 27500
10.841 V Shabat Soccer 27500
10.841 V Sky News 27500
10.841 V Sport 5 27500
10.841 V Viva Platina 27500
10.841 V Yes 1 27500
10.841 V Yes 2 27500
10.841 V Yes 3 27500
10.841 V Yes 4 27500
10.889 V Abu-Dhabi 27500
10.889 V Baby plus 27500
10.889 V Bloomberg 27500
10.889 V DVDbox 27500
10.889 V Fox Sport 27500
10.889 V France 2 27500
10.889 V Knesset 27500
10.889 V MTV 27500
10.889 V Reality TV 27500
10.889 V Romantica 27500
10.889 V The Egyptian Channel 27500
10.889 V Yes India 27500
10.924 V Aljazeera 27500
10.924 V Canale 5 27500
10.924 V DVDbox 27500
10.924 V GTV 27500
10.924 V Indian channel 27500
10.924 V Karaoke Channel 27500
10.924 V Mezzo 27500
10.924 V NTV MIR 27500
10.924 V Rotana 27500
10.924 V Test RR sat 27500
10.924 V The Adult channel 27500
10.924 V TV5 27500
10.924 V VH1 27500
11.432 V FilmBOX 4500
11.432 V Nonstop Kino 4500
North Europe
INTELSAT 10-2, THOR 3,5
359.0 East (1.0 West)
INT10023

12.527 H Antena 3 27500
12.527 H ATV 27500
12.527 H Cartoon Network 27500
12.527 H Duna TV 27500
12.527 H Euforia TV 27500
12.527 H Favorit TV 27500
12.527 H Hallmark CE 27500
12.527 H Romantica Ro 27500
12.527 H Sport Klub HU 27500
12.527 H Sport Klub RO 27500
12.527 H Sport.ro 27500
12.527 H TVR2 27500
12.527 H VH 1 27500
12.527 H Guerrilla 27500
12.527 H InfoPRO 27500
12.527 H Europa FM 27500
12.527 H RadioVIBE 27500
12.563 H 4 Story Tv 27500
12.563 V B92 27500
12.563 V DoQ 27500
12.563 V Fashion 27500
12.563 H HBO 2 27500
12.563 H HBO Adria 27500
12.563 V HBO Comedy Adria 27500
12.563 H HBO Hungaria 27500
12.563 V Jetix CE 27500
12.563 V Kapital Network 27500
12.563 H M1 27500
12.563 H M2 27500
12.563 H Minimax 27500
12.563 V MTV Europe 27500
12.563 V MTV Hungary 27500
12.563 V Net TV 27500
12.563 H Romantica Hu 27500
12.563 H Spektrum 27500
12.563 H Sport 1 27500
12.563 H Sport 2 27500
12.563 V Sport Klub + 27500
12.563 V Sport Klub Croatia 27500
12.563 H TVR Cultural 27500
12.563 H Info 27500
12.563 H TVR3 27500
12.563 H Viva Tv 27500
12.563 H Juventus Radio 27500
12.563 V Radio Roadstar 27500
12.563 H Roxy Radio 27500
12.607 V Analog Tv 27500
12.607 H Antena 2 27500
12.607 H CMC 27500
12.607 H DigiFilm 1 27500
12.607 H DigiFilm 2 27500
12.607 H Discovery RO 27500
12.607 V DM SAT 27500
12.607 H Echo Tv 27500
12.607 H Eurosport2 27500
12.607 H Galaksija 27500
12.607 H GSP1 27500
12.607 H Kanal D 27500
12.607 V MTV Adria 27500
12.607 H Nat Geo CE 27500
12.607 V NOVA TV 27500
12.607 V OBN 27500
12.607 V Otvorena TV 27500
12.607 H Paprika 27500
12.607 H Pro Cinema 27500
12.607 V RTL Televizija 27500
12.607 V RTS 1 27500
12.607 V RTS 2 27500
12.607 V RTV1 27500
12.607 H Taraf TV 27500
12.607 H Travel 27500
12.607 V Z 1 27500
12.607 V A 2 27500
12.607 H DigiTV Info 27500

Freq Pol Channel Name Symbol rate GHz

12.643 H Acasa 27500
12.643 V Animal Planet CE 27500
12.643 V AXN 27500
12.643 H Cool TV 27500
12.643 V Discovery Ch 27500
12.643 H Film + 27500
12.643 H Film + CE 27500
12.643 V HBO CE 27500
12.643 H Hir TV 27500
12.643 V Joj 27500
12.643 V Markiza 27500
12.643 V Music Box 27500
12.643 H National Geo 27500
12.643 V NOVA Sport 27500
12.643 V Ocko 27500
12.643 H ProTV 27500
12.643 V Reality CE 27500
12.643 H RTL Klub 27500
12.643 V TA 3 27500
12.643 H TV 2 27500
12.643 H Viasat 3 27500
12.643 H Viasat Explorer 27500
12.643 H DDTV 27500
12.643 V Pratech 27500
12.643 H U 27500
12.643 V National FM 27500
12.643 H Radio S 27500
12.643 H Sztar FM 27500
12.643 H Radio 21 27500
12.687 H B1 27500
12.687 V CT1 27500
12.687 V CT2 27500
12.687 V CT4_SPORT 27500
12.687 H Etno 27500
12.687 H EuroSport 27500
12.687 H Jetix 27500
12.687 V JOJ Plus 27500
12.687 H Minimax RO_A+ 27500
12.687 H MTV Romania 27500
12.687 H N 24 27500
12.687 H National TV 27500
12.687 V NOVA CZ 27500
12.687 H Prima TV 27500
12.687 V PRIMA_CZ 27500
12.687 H Pro Tv International 27500
12.687 H Realitatea TV 27500
12.687 V Romantica CE 27500
12.687 V Sport1 SK-CZ 27500
12.687 V STV 1 27500
12.687 V STV 2 27500
12.687 V STV 3 27500
12.687 V Test Channel 27500
12.687 H TVR1 27500
12.687 V CT24 27500
12.687 H Kiss TV 27500
12.687 H OTV 27500
12.687 H Maria Radio 27500
12.717 V CNN 18400
12.717 V Eurosport 2 CE 18400
12.717 V Music Max 18400
12.717 V Nova Cinema 18400
12.717 V Sport1 RO 18400
12.717 V TV Neptun 18400
12.717 V TV5 Europe 18400
12.717 V TV5 Oradea 18400
12.717 V VTV 18400
12.723 H Animal Planet 27500
12.723 H Antena 1 27500
12.723 H Cinemax 27500
12.723 H Discovery CE 27500
12.723 H Discovery Sci 27500
12.723 H Discovery T&L 27500
12.723 H Discovery World 27500
12.723 H Hallmark 27500
12.723 H HBO Romania 27500
12.723 H Private Spice 27500
12.723 H Reality TV 27500
12.723 H TV 1000 27500
12.723 H Viasat History 27500
12.723 H ProFM 27500
12.723 H Radio Zu 27500
12.723 H Romantic FM 27500
12.735 V KTV-R-DUK 8800
12.735 V RTV21-RADIO21 8800
12.735 V RTV21-PLUS 8800
THO002KU

11.216 V 24 24500
11.216 V Barnkanalen 24500
11.216 V Kunskapskanalen 24500
11.216 V Sky News 24500
11.216 V TV4 24500
11.216 V TV4 Fakta 24500
11.216 V TV4 Film 24500
11.216 V TV4 plus 24500
11.216 V TV4 Sport 24500
11.216 V TV400 24500
11.229 H Animal Planet 24500
11.229 H BBC Lifestyle 24500
11.229 H Fox International 24500
11.229 H Discovery (D) 24500
11.229 H Discovery (F) 24500
11.229 H Discovery (N) 24500
11.229 H Discovery (S) 24500
11.229 H MTV (N) 24500
11.229 H Travel Channel 24500
11.247 V TV2 Sport 24500
11.247 V BTV+1 24500
11.247 V GO 24500
11.247 V On Satellite 24500
11.247 V Swedbank 24500
11.247 V TV 2 Filmkanalen 24500
11.247 V TV 2 Nyhetskanalen 24500
11.247 V TV 2 Zebra 24500
11.247 V CCTV 9 24500
11.247 V Visjon Norge 24500
11.261 H CANAL+ ACTION 24500
11.261 H CANAL+ SPORT 2 24500
11.261 H CANAL+ SPORT EXTR 24500
11.261 H Silver 24500
11.261 H TV-biljett 4 24500
11.261 H TV-biljett 5 24500
11.278 V CANAL+ COMEDY 24500
11.278 V CANAL+ DRAMA 24500
11.278 V CANAL+ FIRST 24500
11.278 V CANAL+ HITS 24500
11.278 V CANAL+ SPORT 1 (D 24500
11.278 V CANAL+ SPORT 1 (F 24500
11.278 V CANAL+ SPORT 1 (N 24500
11.278 V CANAL+ SPORT 1 (S 24500
11.293 H 24 Nordjyske 24500
11.293 H 6'eren 24500
11.293 H Boomerang 24500
11.293 H DanToto 24500
11.293 H dk4 24500
11.293 H TV2 Zulu 24500
11.293 H The Voice 24500
11.309 V BBC Knowledge 24500
11.309 V Boomerang 24500
11.309 V Cartoon Network 24500
11.309 V Hlm_Jtx 24500
11.309 V Jetix 24500
11.309 V Kanal 5 (DK) 24500
11.309 V Nat Geo Channel 24500
11.309 V Nordic TCM 24500
11.309 V TCM_Cartoon 24500
11.309 V VH1 24500
11.325 H BBC Entertainment 24500
11.325 H Bloomberg 24500
11.325 H FEM 24500

Freq Pol Channel Name Symbol rate GHz

11.325 H History Channel 24500
11.325 H Showtime 24500
11.325 H St-Sh TS 24500
11.325 H Star 24500
11.325 H Viasat 4 24500
11.325 H BBC World News 24500
11.325 H Gospel Channel Europ 24500
11.341 V Eurosport 24500
11.341 V Eurosport 2 24500
11.341 V TV-biljett 1 24500
11.341 V TV-biljett 2 24500
11.341 V TV-biljett 3 24500
11.341 V TV4 Guld 24500
11.341 V TV4 Komedi 24500
11.341 V TV4 Science Fiction 24500
11.357 H Disney Channel 24500
11.357 H Kanal 4 DK 24500
11.357 H MTV (D) 24500
11.357 H MTV (F) 24500
11.357 H MTV (S) 24500
11.357 H Toon Disney 24500
11.357 H Voice (DK) 24500
11.357 H Voice (NO) 24500
11.372 V NRK Super / NRK3 24500
11.372 V NRK1 Rogaland 24500
11.372 V NRK1 Sørlandet 24500
11.372 V NRK1 Østafjells 24500
11.372 V NRK1 Østfold 24500
11.372 V NRK1 24500
11.372 V NRK1 Midtnytt 24500
11.372 V NRK1 Møre & Romsdal 24500
11.372 V NRK1 Nordland 24500
11.372 V NRK1 Nordnytt 24500
11.372 V NRK1 Vestlandsrevyen 24500
11.372 V NRK1 Østnytt 24500
11.372 V NRK2 24500
11.372 V NRK1 Tegnspråk 24500
11.372 V NRK Alltid Folkemusi 24500
11.372 V NRK Alltid Klassisk 24500
11.372 V NRK Alltid Nyheter 24500
11.372 V NRK Gull 24500
11.372 V NRK mP3 24500
11.372 V NRK P1 24500
11.372 V NRK P2 24500
11.372 V NRK P3 24500
11.372 V NRK Sami Radio 24500
11.372 V NRK Stortinget 24500
11.372 V NRK Super 24500
11.372 V NRK Været til sjøs 24500
11.389 H Kanal 5 Mitt/Norr 24500
11.389 H Kanal 5 Stockholm 24500
11.389 H Kanal 5 Syd 24500
11.389 H Kanal 5 Väst 24500
11.389 H Kanal 9 24500
11.389 H TV3 (S) 24500
11.389 H TV7 24500
11.403 V DR Update 24500
11.403 V DR1 24500
11.403 V DR2 24500
11.403 V DR3 24500
11.403 V TV2 Charlie 24500
11.403 V TV2 Film 24500
11.403 V Lifestyle TV 24500
11.403 V DR Klassisk 24500
11.403 V DR P1 24500
11.403 V DR P2 24500
11.403 V DR P3 24500
11.403 V DR P4 København 24500
11.403 V RUV Ras 1 24500
11.403 V RUV Ras 2 24500
12.380 V Acasa 28000
12.380 V Animal Planet 28000
12.380 V Antena 3 28000
12.380 V AXN 28000
12.380 V Cartoon Network/TCM 28000
12.380 V Cinemax 28000
12.380 V CNN 28000
12.380 V HBO 28000
12.380 V National Geographic 28000
12.380 V Pro Cinema 28000
12.380 V Pro TV 28000
12.380 V Pro TV International 28000
12.380 V Sport.ro 28000
12.380 V TVR 3 28000
12.380 V VH1 28000
12.380 V Activ FM 28000
12.380 V Itsy Bitsy FM 28000
12.380 V Kiss FM 28000
12.380 V Magic FM 28000
12.380 V Radio Guerrilla 28000
12.380 V Radio Romania Muzica 28000
12.380 V Radio Timisoara 28000
THO003KU

SatcoDX Global Satellite Chart 04/2009

Freq	Pol	Channel Name	Symbol rate
12.169	H	McBox	28000
12.169	H	Planeta TV	28000
12.169	H	SKAT	28000
12.169	H	Telestar TV	28000
12.169	H	TV LUX	28000
12.169	H	Alpha 3	28000
12.169	H	Alpha Radio	28000
12.169	H	BG Radio	28000
12.169	H	ENERGY	28000
12.169	H	Focus Pirin	28000
12.169	H	Focus Sofia	28000
12.169	H	Focus V Tarnovo	28000
12.169	H	Focus Varna	28000
12.169	H	HIT FM	28000
12.169	H	HORNET Radio	28000
12.169	H	Njoy	28000
12.169	H	OMV ROMANIA	28000
12.169	H	Radio 1	28000
12.169	H	Radio City	28000
12.169	H	Radio City 2	28000
12.169	H	Radio FM+	28000
12.169	H	Radio Fresh	28000
12.169	H	Radio Mila	28000
12.169	H	Radio1 Rock	28000
12.169	H	STAR FM	28000
12.169	H	Test Radio	28000
12.169	H	Veronika	28000
12.169	H	Z-ROCK	28000
12.226	V	ESPN America	28000
12.226	V	ESPN Classic	28000
12.226	V	TV 2 Sport 2	28000
12.226	V	TV3 (N)	28000
12.226	V	TV8	28000
12.226	V	Scandinavian Satelli	28000
12.245	H	Antena 1	28000
12.245	H	Favorit TV	28000
12.245	H	Hallmark	28000
12.245	H	Hustler TV	28000
12.245	H	Minimax	28000
12.245	H	MTV Romania	28000
12.245	H	National TV	28000
12.245	H	Prima TV	28000
12.245	H	Realitatea TV	28000
12.245	H	Romantica	28000
12.245	H	Telesport	28000
12.245	H	TVR 1	28000
12.245	H	TVR 2	28000
12.245	H	TVR Cultural	28000
12.245	H	FocusSat	28000
12.303	V	SVT1	27800
12.303	V	SVT1 Gävle	27800
12.303	V	SVT1 Gävledala	27800
12.303	V	SVT1 Jämtland	27800
12.303	V	SVT1 Jönköping	27800
12.303	V	SVT1 MittNytt	27800
12.303	V	SVT1 NordNytt	27800
12.303	V	SVT1 SmålandsNytt	27800
12.303	V	SVT1 SydNytt	27800
12.303	V	SVT1 Talande Textrem	27800
12.303	V	SVT1 TvärsNytt	27800
12.303	V	SVT1 VärmlandsNytt	27800
12.303	V	SVT1 VästerbottenNyt	27800
12.303	V	SVT1 VästNytt	27800
12.303	V	SVT1 ÖstNytt	27800
12.303	V	SVT2	27800
12.303	V	SVT2 Gävle	27800
12.303	V	SVT2 Gävledala	27800
12.303	V	SVT2 Jämtland	27800
12.303	V	SVT2 Jönköping	27800
12.303	V	SVT2 MittNytt	27800
12.303	V	SVT2 NordNytt	27800
12.303	V	SVT2 SmålandsNytt	27800
12.303	V	SVT2 SydNytt	27800
12.303	V	SVT2 Talande Textrem	27800
12.303	V	SVT2 TvärsNytt	27800
12.303	V	SVT2 VärmlandsNytt	27800
12.303	V	SVT2 VästerbottenNyt	27800
12.303	V	SVT2 VästNytt	27800
12.303	V	SVT2 ÖstNytt	27800
12.322	H	TV 2 Norge	27800
12.322	H	AlJazeera English	27800
12.322	H	JIM	27800
12.322	H	Playhouse Disney	27800
12.322	H	Rikstoto Direkte	27800
12.322	H	SubTV	27800
12.322	H	TV Norge	27800
12.322	H	P4	27800
12.322	H	Radio Norge	27800
12.322	H	Radio Paris Oslo	27800
12.399	H	Nelonen HD	28000
12.399	H	Nusiq1	28000
12.399	H	Nautik	28000
12.399	H	Toto-TV	28000
12.456	V	Discov Science	28000
12.456	V	Discov Tra&Liv	28000
12.456	V	Discov World	28000
12.456	V	Motors TV	28000
12.456	V	Nick (S)-CC TS	28000
12.456	V	Nick (S)-VH1C TS	28000
12.456	V	Nick-VH1C TS	28000
12.456	V	Nickelodeon	28000
12.456	V	Nickelodeon (S)	28000
12.476	H	Eurosport	27800
12.476	H	Eurosport 2	27800
12.476	H	TV-biljett 1	27800
12.476	H	TV-biljett 2	27800
12.476	H	TV-biljett 3	27800
12.476	H	TV4 Guld	27800
12.476	H	TV4 Komedi	27800
12.476	H	TV4 Science Fiction	27800
11.421	H	SVT1	24500
11.421	H	SVT1 Gävle	24500
11.421	H	SVT1 Gävledala	24500
11.421	H	SVT1 Jämtland	24500
11.421	H	SVT1 Jönköping	24500
11.421	H	SVT1 MittNytt	24500
11.421	H	SVT1 NordNytt	24500
11.421	H	SVT1 SmålandsNytt	24500
11.421	H	SVT1 SydNytt	24500
11.421	H	SVT1 TvärsNytt	24500
11.421	H	SVT1 VärmlandsNytt	24500
11.421	H	SVT1 VästerbottenNyt	24500
11.421	H	SVT1 VästNytt	24500
11.421	H	SVT1 ÖstNytt	24500
11.421	H	SVT2	24500
11.421	H	SVT2 Gävle	24500
11.421	H	SVT2 Gävledala	24500
11.421	H	SVT2 Jämtland	24500
11.421	H	SVT2 Jönköping	24500
11.421	H	SVT2 MittNytt	24500
11.421	H	SVT2 NordNytt	24500
11.421	H	SVT2 SmålandsNytt	24500
11.421	H	SVT2 SydNytt	24500
11.421	H	SVT2 TvärsNytt	24500
11.421	H	SVT2 VärmlandsNytt	24500
11.421	H	SVT2 VästerbottenNyt	24500
11.421	H	SVT2 VästNytt	24500
11.421	H	SVT2 ÖstNytt	24500
11.421	H	SVT2 Talande Textrem	24500
11.434	V	KinoTV	24500
11.434	V	liv	24500
11.434	V	MTV3	24500
11.434	V	Nelonen	24500
11.434	V	YLE FST	24500
11.434	V	YLE Teema	24500
11.434	V	YLE TV1	24500
11.434	V	YLE TV2	24500
11.434	V	YLE MONDO	24500
11.434	V	YLE Puhe	24500
11.434	V	YLEN KLASSINEN	24500
11.747	H	TVPaprika	28000
11.747	H	Brava TV	28000
11.747	H	Cosmos TV	28000
11.747	H	Kanal D	28000
11.785	H	Axn Crime	28000
11.785	H	Axn Sci-Fi	28000
11.785	H	Credo	28000
11.785	H	Fishing & Hunting	28000
11.785	H	GSP 1	28000
11.785	H	GSP 2	28000
11.785	H	HBO Comedy	28000
11.785	H	Mezzo	28000
11.785	H	Money Channel	28000
11.785	H	Nat Geo Wild CE	28000
11.785	H	Nat Geo Wild RO	28000
11.785	H	Trinitas	28000
11.785	H	TV 6	28000
11.785	H	Music Channel	28000
11.785	H	Radio GaGa	28000
11.938	H	CANAL+ FILM HD	25000
11.938	H	CANAL+ SPORT HD	25000
11.938	H	SVT HD	25000
12.015	H	Eurosport HD	30000
12.015	H	Kanal 5 HD	30000
12.128	H	History Chnl HD	30000
12.128	H	TV4 HD	30000
12.128	H	TVNorge HD	30000
12.188	V	Nat Geo HD	25000
12.188	V	Silver HD	25000
12.188	V	Voom HD	25000
12.418	V	DR1 Syd	28000
12.418	V	DR2 Syd	28000
12.418	V	DTV2 (Cable)	28000
12.418	V	NRK1 Reserve	28000
12.418	V	TV Finland	28000
12.418	V	Nautik	28000
12.418	V	The Poker Channel	28000
12.418	V	TV Patriot	28000
12.418	V	DR Klassisk Syd	28000
12.418	V	DR P1 Syd	28000
12.418	V	DR P2 Syd	28000
12.418	V	DR P3 Syd	28000
12.418	V	DR P4 KBH Syd	28000
12.418	V	EXPRES mp2	28000
12.418	V	KISS	28000
12.418	V	NRK AN Reserve	28000
12.418	V	NRK P1 Reserve	28000
12.418	V	Radio One	28000
12.418	V	Scandinavian Satelli	28000
12.418	V	Ylesat 1	28000
12.418	V	Ylesat 2	28000
12.428	V	DR1 Syd	28000
12.428	V	DR2 Syd	28000
12.428	V	DTV2 (Cable)	28000
12.428	V	NRK1 Reserve	28000
12.428	V	TV Finland	28000
12.428	V	Nautik	28000
12.428	V	The Poker Channel	28000
12.428	V	TV Patriot	28000
12.428	V	DR Klassisk Syd	28000
12.428	V	DR P1 Syd	28000
12.428	V	DR P2 Syd	28000
12.428	V	DR P3 Syd	28000
12.428	V	DR P4 KBH Syd	28000
12.428	V	EXPRES mp2	28000
12.428	V	KISS	28000
12.428	V	NRK AN Reserve	28000
12.428	V	NRK P1 Reserve	28000
12.428	V	Radio One	28000
12.428	V	Scandinavian Satelli	28000
12.428	V	Ylesat 1	28000
12.428	V	Ylesat 2	28000
C-Band: INTELSAT 10-02			
359.1 East (0.9 West)			
4.025	R	BBC Afr Feed 1	7323
4.025	R	BBC Afr Feed 2	7323
4.025	R	BBC Afr Feed 3	7323
4.025	R	BBC Afr Feed 4	7323
4.025	R	BBC Afr Feed 5	7323
4.025	R	BBC Afr Feed 6	7323
4.025	R	BBC Afr Feed 7	7323
4.025	R	BBC Afr Feed 8	7323
4.025	R	BBC Arabic	7323
4.025	R	BBC Dari	7323
4.025	R	BBC English (E Af.	7323
4.025	R	BBC English (Europe)	7323
4.025	R	BBC English (W Af.	7323
4.025	R	BBC English Mid-Ea	7323
4.025	R	BBC English News	7323
4.025	R	BBC Farsi	7323
4.025	R	BBC French	7323
4.025	R	BBC Hausa	7323
4.025	R	BBC Pashto	7323
4.025	R	BBC Portuguese	7323
4.025	R	BBC Somali	7323
4.025	R	BBC Swahili	7323
4.175	R	AFN Family	28000
4.175	R	AFN Freedom	28000
4.175	R	AFN Movie	28000
4.175	R	AFN News	28000
4.175	R	AFN Prime Atlantic	28000
4.175	R	AFN Prime Pacific	28000
4.175	R	AFN Spectrum	28000
4.175	R	AFN Sports	28000
4.175	R	AFN Xtra	28000
4.175	R	Atlantic 2	28000
4.175	R	Atlantic 3	28000
4.175	R	Atlantic 4	28000
4.175	R	Atlantic 5	28000
4.175	R	Atlantic 6	28000
4.175	R	Atlantic 7	28000
4.175	R	Atlantic 8	28000
4.175	R	Atlantic 9	28000
4.175	R	Engineering Channel	28000
4.175	R	Adult Rock	28000
4.175	R	AFN Back-up for A	28000
4.175	R	AFN Back-up to AFN	28000
4.175	R	AFN Back-up to AF	28000
4.175	R	AFN Program Guide	28000
4.175	R	AFN Radio Variable	28000
4.175	R	Backhaul from Baghda	28000
4.175	R	Backhaul to Japan	28000
4.175	R	Bright AC	28000
4.175	R	Contingency (Closed	28000
4.175	R	ESPN Plus	28000
4.175	R	Fox Sports Talk	28000
4.175	R	Hot AC	28000
4.175	R	Interruptable Voice	28000
4.175	R	Mainstream Country	28000
4.175	R	NPR International	28000
4.175	R	Oldies	28000
4.175	R	SMPTE Time Code	28000
4.175	R	The Pentagon Channel	28000
4.175	R	The Touch	28000
4.175	R	U/I Split (U/Voice	28000
4.175	R	Uninterruptable Voic	28000
4.175	R	Z-Rock (ABC Altern	28000
4.180	L	egy tv net feed- 1	21050
4.180	L	egy tv net feed- 2	21050
4.180	L	El-Masrya	21050
4.180	L	El-Masrya-USA	21050
4.180	L	Monwa'at	21050
4.180	L	Nile Drama	21050
4.180	L	Nile News	21050
4.180	L	Nile TV Int	21050
3.855	R	RTG 1	10000
3.855	R	RTG 2	10000
3.855	R	TV+	10000
3.977	R	BTV	17777
3.977	R	NBCTV	17777
3.977	R	1kHzTone	17777
3.977	R	CH 7/ OMULUNGA	17777
3.977	R	CH7 OWA L	17777
3.977	R	ENERGY/WAVE	17777
3.977	R	FREE 10	17777
3.977	R	FREE 8	17777
3.977	R	FREE 9	17777
3.977	R	GER/OVA	17777
3.977	R	HER/DN	17777
3.977	R	KOSMOS(L)	17777
3.977	R	NATIONAL	17777
3.977	R	OKC/TSWANA	17777
3.977	R	RAD99/KUDU	17777
3.977	R	REMsw	17777
3.977	R	RUK/LOZI	17777
3.977	R	SABA	17777
3.985	R	Reuters WNS	4000
4.025	R	BBC Afr Feed 1	7324
4.025	R	BBC Afr Feed 2	7324
4.025	R	BBC Afr Feed 3	7324
4.025	R	BBC Afr Feed 4	7324
4.025	R	BBC Afr Feed 5	7324
4.025	R	BBC Afr Feed 6	7324
4.025	R	BBC Afr Feed 7	7324
4.025	R	BBC Afr Feed 8	7324
4.025	R	BBC Arabic	7324
4.025	R	BBC Dari	7324
4.025	R	BBC English (E Af.	7324
4.025	R	BBC English (Europe)	7324
4.025	R	BBC English (W Af.	7324
4.025	R	BBC English Mid-Ea	7324
4.025	R	BBC English News	7324
4.025	R	BBC Farsi	7324
4.025	R	BBC French	7324
4.025	R	BBC Hausa	7324
4.025	R	BBC Pashto	7324
4.025	R	BBC Portuguese	7324
4.025	R	BBC Somali	7324
4.025	R	BBC Swahili	7324
INTELSAT 10-02			
359.0 East (1.0 West)			
INT10023			

Freq	Pol	Channel Name	Symbol rate
12.520	V	DR1 Syd	17500
12.520	V	DR2 Syd	17500
12.520	V	NRK1 Reserve	17500
12.520	V	TV Finland	17500
12.520	V	DR Klassisk Syd	17500
12.520	V	DR P1 Syd	17500
12.520	V	DR P2 Syd	17500
12.520	V	DR P3 Syd	17500
12.520	V	DR P4 KBH Syd	17500
12.520	V	NRK AN Reserve	17500
12.520	V	NRK P1 Reserve	17500
12.520	V	Scandinavian Satelli	17500
12.520	V	Ylesat 1	17500
12.520	V	Ylesat 2	17500
12.527	H	Antena 3	27500
12.527	H	ATV	27500
12.527	H	Cartoon Network	27500
12.527	H	Duna TV	27500
12.527	H	Euforia TV	27500
12.527	H	Favorit TV	27500
12.527	H	Hallmark CE	27500
12.527	H	Romantica Ro	27500
12.527	H	Sport Klub HU	27500
12.527	H	Sport Klub RO	27500
12.527	H	Sport ro	27500
12.527	H	TVR2	27500
12.527	H	VH1	27500
12.527	H	InfoPRO	27500
12.527	H	Europa FM	27500
12.527	H	Guerrilla	27500
12.563	H	4 Story Tv	27500
12.563	H	HBO 2	27500
12.563	H	HBO Hungaria	27500
12.563	H	Jetix CE	27500
12.563	H	M1	27500
12.563	H	M2	27500
12.563	H	Minimax	27500
12.563	H	MTV Hungary	27500
12.563	H	Romantica Hu	27500
12.563	H	Spektrum	27500
12.563	H	Sport 1	27500
12.563	H	Sport 2	27500
12.563	H	Viva Tv	27500
12.563	H	Juventus Radio	27500
12.563	H	Roxy Radio	27500
12.563	H	Radio Maria	27500
12.607	V	Analog Tv	27500
12.607	V	CMC	27500
12.607	V	DM SAT	27500
12.607	V	Galaksija	27500
12.607	V	Hbo Adria	27500
12.607	V	MTV Adria	27500
12.607	V	NOVA TV	27500
12.607	V	OBN	27500
12.607	V	Otvorena TV	27500
12.607	V	RTL Televizija	27500
12.607	V	RTS 1	27500
12.607	V	RTS 2	27500
12.607	V	Service	27500
12.607	V	Z 1	27500
12.607	V	A 1	27500
12.643	H	Acasa	27500
12.643	V	Animal Planet CE	27500
12.643	H	AXN	27500
12.643	H	Cool TV	27500
12.643	V	Discovery Ch	27500
12.643	H	Film +	27500
12.643	V	Film + CE	27500
12.643	V	Film Box	27500
12.643	V	Galaxie Sport	27500
12.643	V	HBO CE	27500
12.643	H	Hir TV	27500
12.643	V	Joj	27500
12.643	V	Markiza	27500
12.643	V	Music Box	27500
12.643	H	National Geo	27500
12.643	V	Ocko	27500
12.643	H	ProTV	27500
12.643	V	Reality CE	27500
12.643	H	RTL Klub	27500
12.643	H	TA 3	27500
12.643	H	TV 2	27500
12.643	H	Viasat 3	27500
12.643	H	Viasat Explorer	27500
12.643	H	DDTV	27500
12.643	V	Pratech	27500
12.643	H	U	27500
12.643	H	Sztar FM	27500
12.643	V	National FM	27500
12.643	H	Radio 21	27500
12.643	H	Radio S	27500
12.687	H	B1 TV	27500
12.687	V	CT1	27500
12.687	V	CT2	27500
12.687	V	CT4_SPORT	27500
12.687	H	Etno	27500
12.687	H	EuroSport	27500
12.687	H	Jetix	27500
12.687	H	Kiss TV	27500
12.687	H	Minimax RO A+	27500
12.687	V	Money Channel	27500
12.687	H	MTV Romania	27500
12.687	H	N 24	27500
12.687	H	National TV	27500
12.687	V	NOVA_CZ	27500
12.687	H	Prima TV	27500
12.687	V	PRIMA_CZ	27500
12.687	V	Pro Tv International	27500
12.687	H	Realitatea TV	27500
12.687	V	Romantica CE	27500
12.687	V	Sport1 SK-CZ	27500
12.687	V	STV 1	27500
12.687	V	STV 2	27500
12.687	V	Test Channel	27500
12.687	H	TVR1	27500
12.687	V	TVS Oradea	27500
12.687	V	CT24	27500
12.687	H	OTV	27500
12.722	H	Animal Planet	27500
12.722	H	Antena 1	27500
12.722	H	Cinemax	27500
12.722	H	Discovery CE	27500
12.722	H	Discovery Civ	27500
12.722	H	Discovery Sci	27500
12.722	H	Discovery T&L	27500
12.722	H	Hallmark	27500
12.722	H	HBO Romania	27500
12.722	H	Private Spice	27500
12.722	H	Reality TV	27500
12.722	H	TV 1000	27500
12.722	H	Viasat History	27500
12.722	H	ProFM	27500
12.735	V	(Empty)	8800

THO002KU

Freq	Pol	Channel Name	Symbol rate
11.216	V	Barnkanalen	24500
11.216	V	Kunskapskanalen	24500
11.216	V	SVT Extra	24500
11.216	V	SVT1	24500
11.216	V	TV4	24500
11.216	V	TV4 Fakta	24500
11.216	V	TV4 Film	24500
11.216	V	TV4 plus	24500
11.216	V	TV4 Sport	24500
11.216	V	TV400	24500
11.247	V	TV 2 Sport	24500
11.247	V	TV 2 Filmkanalen	24500
11.247	V	TV 2 Nyhetskanalen	24500
11.247	V	TV 2 Zebra	24500
11.247	V	BTV-1	24500
11.247	V	On Satellite	24500
11.247	V	Swedbank	24500
11.247	V	Thor 5 Launch	24500
11.247	V	Visjon Norge	24500
11.261	H	Aftonbladet TV7	24500
11.261	H	CANAL 69	24500
11.261	H	CANAL+ ACTION	24500
11.261	H	CANAL+ SPORT 2	24500
11.261	H	DiTV	24500
11.261	H	Silver	24500
11.261	H	TV 2 Sport 2	24500
11.261	H	TV-biljett 4	24500
11.261	H	TV-biljett 5	24500
11.261	H	TV 2 Sport 3	24500
11.309	V	Cartoon Network	24500
11.309	V	CNBC Europe	24500
11.309	V	Hallmark	24500
11.309	V	Hlm_Jtx	24500
11.309	V	Kanal 5	24500
11.309	V	Kanal 5 (DK)	24500
11.309	V	Nat Geo Channel	24500
11.309	V	Nordic TCM	24500
11.309	V	TCM_Cartoon	24500
11.309	V	VH1	24500
11.309	V	_PMT 1	24500
11.309	V	Jetix	24500
11.325	H	BBC Prime	24500
11.325	H	Bloomberg	24500
11.325	H	FEM	24500
11.325	H	History Channel	24500
11.325	H	Showtime	24500
11.325	H	St-Sh TS	24500
11.325	H	Star	24500
11.325	H	Viasat 4	24500
11.325	H	BBC World	24500
11.325	H	Gospel Channel Europ	24500
11.341	V	History Chnl HD	25000
11.341	V	Silver HD	25000
11.341	V	svt-hd old	25000
11.341	V	Test	25000
11.341	V	TV4 HD	25000
11.357	H	Blue Hustler	24500
11.357	H	Disney Channel	24500
11.357	H	Kanal 4 DK	24500
11.357	H	MTV (D)	24500
11.357	H	MTV (F)	24500
11.357	H	MTV (S)	24500
11.357	H	Voice (DK)	24500
11.357	H	Voice (NO)	24500
11.357	H	Voice (SE)	24500
11.372	V	NRK Super / NRK3	24500
11.372	V	NRK1	24500
11.372	V	NRK1 Midtnytt	24500
11.372	V	NRK1 Møre & Romsdal	24500
11.372	V	NRK1 Nordland	24500
11.372	V	NRK1 Nordnytt	24500
11.372	V	NRK1 Rogaland	24500
11.372	V	NRK1 Sørlandet	24500
11.372	V	NRK1 Vestlandsrevyen	24500
11.372	V	NRK1 Østafjells	24500
11.372	V	NRK1 Østfold	24500
11.372	V	NRK1 Østnytt	24500
11.372	V	NRK2	24500
11.372	V	NRK1 Tegnspråk	24500
11.372	V	NRK Folkemusikk	24500
11.372	V	NRK Gull	24500
11.372	V	NRK Klassisk	24500
11.372	V	NRK mP3	24500
11.372	V	NRK Nyheter	24500
11.372	V	NRK P1	24500
11.372	V	NRK P2	24500
11.372	V	NRK P3	24500
11.372	V	NRK Sami Radio	24500
11.372	V	NRK Stortinget	24500
11.372	V	NRK Super	24500
11.372	V	NRK Været til sjøs	24500
11.389	H	CANAL+ FILM HD	24500
11.389	H	Aftonbladet TV7	24500
11.389	H	DiTV	24500
11.389	H	DTV2(Cable)	24500
11.389	H	Kanal 9	24500
11.389	H	TV-biljett 4	24500
11.389	H	TV-biljett 5	24500
11.389	H	TV3 (S)	24500
11.389	H	St-Sh TS PMT	24500
11.403	V	DR Update	24500
11.403	V	DR1	24500
11.403	V	DR1 MHP	24500
11.403	V	DR2	24500
11.403	V	DR2 MHP	24500
11.403	V	RUV	24500
11.403	V	TV2 Charlie	24500
11.403	V	TV2 Film	24500
11.403	V	LifeStyleTV	24500
11.403	V	DR Klassisk	24500
11.403	V	DR P1	24500
11.403	V	DR P2	24500
11.403	V	DR P3	24500
11.403	V	DR P4 København	24500
11.403	V	RUV Ras 1	24500
11.403	V	RUV Ras 2	24500
11.421	H	CANAL+ FILM HD	25000
11.421	H	CANAL+ SPORT HD	25000
11.421	H	SVT HD	25000
11.421	H	TV4 HD	25000
11.434	V	Nat Geo HD	25000
11.434	V	Voom HD	25000
12.380	V	Acasa	28000
12.380	V	Animal Planet	28000
12.380	V	Antena 3	28000
12.380	V	AXN	28000
12.380	V	Cartoon Network/TCM	28000
12.380	V	Cinemax	28000
12.380	V	CNN	28000
12.380	V	HBO	28000
12.380	V	Kiss TV	28000
12.380	V	National Geographic	28000
12.380	V	Pro Cinema	28000
12.380	V	Pro TV	28000
12.380	V	Pro TV International	28000
12.380	V	Sport.ro	28000
12.380	V	VH1	28000
12.380	V	Activ FM	28000
12.380	V	Itsy Bitsy FM	28000
12.380	V	Kiss FM	28000
12.380	V	Magic FM	28000
12.380	V	Radio Guerrilla	28000
12.380	V	Radio Romania Muzica	28000
12.380	V	Radio Timisoara	28000

THO003KU

Freq	Pol	Channel Name	Symbol rate
11.823	H	Test CA	28000
11.823	H	BGTV	28000
11.823	H	Chance TV	28000
11.823	H	MM	28000
11.823	H	Party TV	28000
11.823	H	RodinaTV	28000
11.823	H	Speranta TV	28000
11.823	H	Tiankov TV	28000
11.823	H	Travel TV	28000
11.823	H	Radio Vocea Sperante	28000
12.149	V	Antena 2	28000
12.149	V	B1 TV	28000
12.149	V	Discovery	28000
12.149	V	Discovery Science	28000
12.149	V	Discovery Travel	28000
12.149	V	Euforia Lifestyle	28000
12.149	V	Extreme Sports	28000
12.149	V	Kanal D	28000
12.149	V	MGM	28000
12.149	V	N24	28000
12.149	V	Reality/BlueHustler	28000
12.149	V	Sport Klub	28000
12.149	V	Sport1	28000
12.149	V	Viasat Explorer/Club	28000
12.149	V	Viasat History	28000
12.149	V	60's	28000
12.149	V	Bass, Breaks & Beats	28000
12.149	V	Chansons	28000
12.149	V	Chillout	28000
12.149	V	Classic RnB & Soul	28000
12.149	V	Classsical Greats	28000
12.149	V	Jazz Classic	28000
12.149	V	Rock Anthems	28000
12.149	V	Rock'n'Roll Era	28000
12.149	V	Total Hits Italy	28000
12.149	V	Total Hits UK	28000
12.169	H	Diema 2	28000
12.169	H	Diema Family	28000
12.169	H	Diema+	28000
12.169	H	MSAT	28000
12.169	H	Planeta TV	28000
12.169	H	TV2	28000
12.169	H	City TV	28000
12.169	H	DKTE	28000
12.169	H	Heros TV	28000
12.169	H	McBox	28000
12.169	H	SKAT	28000
12.169	H	Telestar TV	28000
12.169	H	Alpha Radio

SatcoDX World Statistics

Alexandru Porosanu
TELE-satellite
Statistics Center
Romania

Top 60 Video PIDs Worldwide

Video PID	Feb 2008	Jan 2009	Feb 2009	2009/2008
512	344		348	1.16%
513	313		291	-7.03%
1160	309		280	-9.39%
308	290		257	-11.38%
33	253		212	-16.21%
514	273		211	-22.71%
516	196		196	0.00%
515	191		195	2.09%
4130	197		194	-1.52%
518	165		180	9.09%
1260	203		176	-13.30%
517	159		162	1.89%
519	149		151	1.34%
163	178		147	-17.42%
160	148		146	-1.35%
161	147		142	-3.40%
1360	162		139	-14.20%
521	137		129	-5.84%
162	127		123	-3.15%
520	133		121	-9.02%
165	114		121	6.14%
1760	168		115	-31.55%
101	111		112	0.90%
5922	105		112	6.67%
1460	129		108	-16.28%
166	98		105	7.14%
4194	131		103	-21.37%
169	84		101	20.24%
167	94		99	5.32%
4386	81		98	20.99%
524	62		97	56.45%
4642	84		95	13.10%
164	107		94	-12.15%
110	94		91	-3.19%
6178	63		90	42.86%
522	81		90	11.11%
168	103		89	-13.59%
1660	97		89	-8.25%
5154	73		88	20.55%
4898	71		87	22.54%
257	80		86	7.50%
5666	78		86	10.26%
1110	89		84	-5.62%
1560	89		83	-6.74%
523	82		82	0.00%
171	79		81	2.53%
201	68		79	16.18%
6434	58		78	34.48%
5410	67		76	13.43%
170	84		74	-11.90%
501	61		73	19.67%
301	68		71	4.41%

Top 60 Audio PIDs Worldwide

Audio PID	Feb 2008	Jan 2009	Feb 2009	2009/2008
256	328		300	-8.54%
1120	296		262	-11.49%
4131	181		175	-3.31%
100	163		171	4.91%
660	163		154	-5.52%
640	126		154	22.22%
1220	183		152	-16.94%
650	157		146	-7.01%
80	142		133	-6.34%
84	135		126	-6.67%
1320	146		125	-14.38%
34	144		118	-18.06%
104	106		116	9.43%
36	132		112	-15.15%
88	116		112	-3.45%
700	107		111	3.74%
108	101		102	0.99%
5923	98		102	4.08%
102	105		101	-3.81%
4195	123		99	-19.51%
1420	114		99	-13.16%
92	102		95	-6.86%
680	104		94	-9.62%
96	102		93	-8.82%
670	155		92	-40.65%
112	95		90	-5.26%
4387	75		90	20.00%
400	112		89	-20.54%
202	78		88	12.82%
6179	60		87	45.00%
4643	77		87	12.99%
641	83		84	1.20%
258	88		84	-4.55%
1620	89		81	-8.99%
4899	68		81	19.12%
402	78		79	1.28%
116	82		78	-4.88%
644	86		78	-9.30%
5155	66		78	18.18%
1520	88		77	-12.50%
651	82		76	-7.32%
690	81		75	-7.41%
302	70		75	7.14%
5667	71		75	5.63%
5411	65		73	12.31%
652	60		72	20.00%
642	61		70	14.75%
502	53		70	32.08%
6435	53		70	32.08%
120	76		67	-11.84%
664	68		66	-2.94%
710	69		65	-5.80%
668	45		64	42.22%
6691	45		62	37.78%
648	47		62	31.91%
1720	64		62	-3.12%
1920	71		60	-15.49%

Transmission Types Worldwide

Type	Feb 2008	Jan 2009	Feb 2009	2009/2008
TV-DIG-CRYPT	10703		11349	6.04%
TV-DIG	7471		6765	-9.45%
R-DIG	4237		3722	-12.15%
DATA	1954		2263	15.81%
R-DIG-CRYPT	1392		1322	-5.03%
TV-SD-CRYPT	308		446	44.81%
TV-HD-CRYPT	214		325	51.87%
TV-SD	78		102	30.77%
TV-HD	59		62	5.08%
TV-ANA	127		59	-53.54%
TV-ANA-CRYPT	57		45	-21.05%
R-ANA	64		25	-60.94%

Transponder Polarization Worldwide

Polarization	Feb 2008	Jan 2009	Feb 2009	2009/2008
V	12155		11812	-2.82%
H	11554		11112	-3.83%
R	1881		2320	23.34%
L	1151		1258	9.30%

Top 100 Ku band Frequencies Worldwide

Frequency	Feb 2008	Jan 2009	Feb 2009	2009/2008
12.226	188		206	9.57%
12.149	150		171	14.00%
11.823	104		152	46.15%
12.399	138		142	2.90%
12.360	89		132	48.31%
12.341	86		131	52.33%
11.938	92		126	36.96%
12.418	99		122	23.23%
12.428	54		121	124.07%
11.804	63		120	90.48%
12.092	82		120	46.34%
11.747	59		118	100.00%
12.523	120		116	-3.33%
12.643	92		113	22.83%
12.303	127		107	-15.75%
12.628	106		106	0.00%
12.661	72		103	43.06%
11.785	143		102	-28.67%
11.766	80		101	26.25%
12.355	93		100	7.53%
12.265	17		100	488.24%
12.407	98		99	1.02%
11.727	76		97	27.63%
12.207	200		97	-51.50%
12.253	61		96	57.38%
11.470	53		96	81.13%
12.574	132		96	-27.27%
12.282	79		94	18.99%
12.053	51		94	84.31%
11.919	59		93	57.63%
12.647	76		93	22.37%
12.688	87		92	5.75%
11.996	95		91	-4.21%
11.843	95		91	-4.21%
12.015	42		88	109.52%
11.010	83		87	4.82%
11.283	77		87	12.99%
11.630	33		86	160.61%
12.268	58		85	46.55%
12.472	53		84	58.49%
11.635	83		84	1.20%
12.284	34		83	144.12%
12.311	76		83	9.21%
12.486	37		83	124.32%
11.550	27		83	207.41%
12.012	97		83	-14.43%
12.370	63		80	26.98%
12.302	34		80	135.29%
12.545	59		80	35.59%
12.516	56		80	42.86%
11.130	15		79	426.67%
12.130	32		78	143.75%
12.726	19		78	310.53%
12.322	96		77	-19.79%
12.476	82		77	-6.10%
12.604	181		75	-58.56%
10.970	84		75	-10.71%
11.170	58		74	27.59%
12.723	34		74	117.65%
12.224	65		74	13.85%
12.729	19		74	289.47%
12.034	42		73	73.81%
12.608	15		72	380.00%
12.169	70		71	1.43%
12.380	93		70	-24.73%
12.563	61		70	14.75%
11.604	67		70	4.48%
12.501	57		69	21.05%
12.603	74		69	-6.76%
12.414	99		69	-30.30%
11.642	76		69	-9.21%
11.596	25		68	172.00%
11.862	55		68	23.64%
12.443	64		66	3.12%
11.954	53		66	24.53%
12.519	63		66	4.76%
12.565	65		66	1.54%
12.607	45		65	44.44%
12.581	49		65	32.65%
11.617	65		64	-1.54%
11.778	14		64	357.14%
12.644	26		63	142.31%
12.683	47		63	34.04%
11.900	69		63	-8.70%
10.972	64		62	-3.12%
11.623	47		62	31.91%
11.150	48		62	29.17%
12.456	82		62	-24.39%
11.075	40		61	52.50%

Top 40 Symbol Rate Usage Worldwide

Symbol Rate	Feb 2008	Jan 2009	Feb 2009	2009/2008
27500	9849		8537	-13.32%
30000	2292		2768	20.77%
20000	1840		2310	25.54%
22000	1350		1045	-22.59%
28000	545		518	-4.95%
28500	246		491	99.59%
19510	459		456	-0.65%
22500	316		434	37.34%
21096	410		410	0.00%
29270	276		286	3.62%
27800	277		276	-0.36%
28800	51		265	419.61%
29950	206		217	5.34%
24500	136		197	44.85%
26000	153		189	23.53%
27684	175		175	0.00%
26470	128		108	-15.62%
21300	54		106	96.30%
28100	74		104	40.54%
30800	106		104	-1.89%
22425	124		102	-17.74%
20600	81		96	18.52%
26667	115		92	-20.00%
3428	64		92	43.75%
40700	22		90	309.09%
33483	19		89	368.42%
25000	48		89	85.42%
27489			85	Inf
26480	76		77	1.32%
26652	29		74	155.17%
25600	70		70	0.00%
28125	94		67	-28.72%
27690	87		62	-28.74%
24440	55		61	10.91%
26657	66		61	-7.58%
27700	62		60	-3.23%
5000	34		58	70.59%
10000	50		57	14.00%
28062	54		57	5.56%

Top 80 C band Frequencies Worldwide

Frequency	Feb 2008	Jan 2009	Feb 2009	2009/2008
4.000	120		115	-4.17%
4.060	193		103	-46.63%
4.175	70		100	42.86%
4.040	100		91	-9.00%
4.080	78		86	10.26%
4.180	47		80	70.21%
4.120	71		80	12.68%
4.100	55		64	16.36%
4.140	54		64	18.52%
4.020	68		61	-10.29%
4.055	148		58	-60.81%
4.160	51		57	11.76%
4.025	23		48	108.70%
4.071	2		34	1600.00%
4.085	10		33	230.00%
4.083	34		32	-5.88%
4.106	29		29	0.00%
4.042	9		23	155.56%
4.067	22		22	0.00%
4.151	16		20	25.00%
4.004			20	Inf
4.043	19		17	-10.53%
4.087	17		17	0.00%
4.041	17		17	0.00%
4.185	35		16	-54.29%
4.005	19		16	-15.79%
4.125	10		14	40.00%
4.062	13		13	0.00%
4.113	9		12	33.33%
4.064	17		12	-29.41%
4.084	12		12	0.00%
4.143	12		11	-8.33%
4.147	25		11	-56.00%
4.124	12		10	-16.67%
4.107	7		10	42.86%
4.168	10		10	0.00%
4.149	4		10	150.00%
4.053	8		9	12.50%
4.157	7		8	14.29%
4.110	11		8	-27.27%
4.189	4		8	100.00%
4.159			8	Inf
4.192	8		7	-12.50%
4.091	6		7	16.67%
4.021	14		7	-50.00%
4.034	8		7	-12.50%
4.130	4		7	75.00%
4.184	1		7	600.00%
4.137	4		7	75.00%
4.118	6		6	0.00%
4.065	5		6	20.00%
4.172	6		6	0.00%
4.134	4		6	50.00%
4.054	5		6	20.00%
4.132	2		6	200.00%
4.114	2		6	200.00%
4.166	7		6	-14.29%
4.158	7		6	-14.29%
4.045	10		6	-40.00%
4.126	5		6	20.00%
4.170	6		6	0.00%
4.150	2		5	150.00%
4.133	5		5	0.00%
4.056	2		5	150.00%
4.010	5		5	0.00%
4.031	1		5	400.00%
4.059	5		5	0.00%
4.075	9		5	-44.44%
4.033	5		5	0.00%
4.111	1		4	300.00%

Top 80 TV Channels per Coverage Zones

Coverage code	Feb 2008	Jan 2009	Feb 2009	2009/2008
HOT008KB	803		532	-33.75%
NIM001KB	452		428	-5.31%
HOT07AKE	301		422	40.20%
HOT006KB	423		350	-17.26%
MEA003KI	157		348	121.66%
ECH007KB	345		345	0.00%
AST01HKU	544		340	-37.50%
NIM002KB	48		284	491.67%
INT009CA	277		277	0.00%
EUT0W2KW	291		272	-6.53%
ASI03SCB	260		259	-0.38%
BADR04KB	225		229	1.78%
INT03RAM	217		218	0.46%
HIS01DKE	155		206	32.90%
AST1KRKU	259		205	-20.85%
HIS01CKS	251		203	-19.12%
AST01GKU	329		202	-38.60%
INS04BKB	142		196	38.03%
GXY025KB	208		193	-7.21%
INS04AKB	173		191	10.40%
EUT0W4EU	141		190	34.75%
NSS806CH	227		190	-16.30%
GXY10RKB	71		183	157.75%
SIR004NO	176		179	1.70%
AST03AKU	122		177	45.08%
EUB009KW	103		163	58.25%
CHI06BCB	133		162	21.80%
OPT0D2KA	120		159	32.50%
NSS006IN	145		157	8.28%
THA005KI	184		155	-15.76%
INT10023	114		145	27.19%
ASI004CB			136	Inf
EUB002FB			134	Inf
INS04ACB	85		134	57.65%
ECH001KB	134		134	0.00%
HEL002F1	190		133	-30.00%
AST02DKB	135		132	-2.22%
EUB001KF	184		130	-29.35%
SIR004EU	261		129	-50.57%
TEL010CG	124		128	3.23%
THO002KU	116		128	10.34%
THO003KU	133		124	-6.77%
JCS003KJ	122		122	0.00%
EUTAB4MK	103		122	18.45%
KOR003KB	99		122	23.23%
EUTW3ABB	123		112	-8.94%
EUB001S1	172		110	-36.05%
OPT0D1NZ			108	Inf
GXY015CB	108		108	0.00%
BRA0B1CN	106		106	0.00%
INT010CV	94		105	11.70%
INTAM6KB	101		104	2.97%
OPT0C1NB	94		102	8.51%
INT008KA	49		101	106.12%
THA005CR	90		99	10.00%
AMO002ME	99		99	0.00%
AST01LKU			95	Inf
AMC011CB	95		95	0.00%
JCS04AKJ	93		93	0.00%
AMO001EA	91		91	0.00%
BADR03KB	67		91	35.82%
TEL010KB	64		89	39.06%
BRA0B3CN	89		89	0.00%
ABS001NB			86	Inf
NIL102KB	237		86	-63.71%
ECH003KB	167		86	-48.50%
AMC004CA	82		82	0.00%

Top 40 Radio Channels Coverage Zones

Coverage code	Feb 2008	Jan 2009	Feb 2009	2009/2008
HOT008KB	336		236	-29.76%
AST01HKU	392		180	-54.08%
HOT006KB	155		143	-7.74%
CHI06BCB	112		138	23.21%
AST03AKU	50		135	170.00%
GXY025KB	158		132	-16.46%
GXY10RCB	116		115	-0.86%
JCS003KJ	102		102	0.00%
OPT0D2KA	78		90	15.38%
NIM001KB	82		87	6.10%
HOT07AKE	48		76	58.33%
INT010CV	74		75	1.35%
EUT0W2KW	89		75	-15.73%
EUTW3ABA	82		72	-12.20%
AST02ANO	99		71	-28.28%
INT007SA	106		69	-34.91%
OPT0C1NA	32		69	115.62%
TEL010CG	58		65	12.07%
ECH007KB	62		62	0.00%
BADR04KB	86		60	-30.23%
APS005K2	28		57	103.57%
INT009CA	55		55	0.00%
HIS01CKA	121		50	-58.68%
EUB002FB			47	Inf
YAM201CB	11		47	327.27%
THO003KU	40		44	10.00%
TEL010KB	81		42	-48.15%
JCS003CA	42		42	0.00%
HIS01CKS	71		42	-40.85%
EUTAB3SB	23		41	78.26%
EUB009KW	27		39	44.44%
THA005KI	81		39	-51.85%
OPT0C1NB	75		38	-49.33%
GXY04RKV	38		38	0.00%
NIM002KB	10		37	270.00%

Edited by
Alexander Wiese

20 Years Ago

Travel into the Past
TELE-satellite Magazine
Issue 02/1988

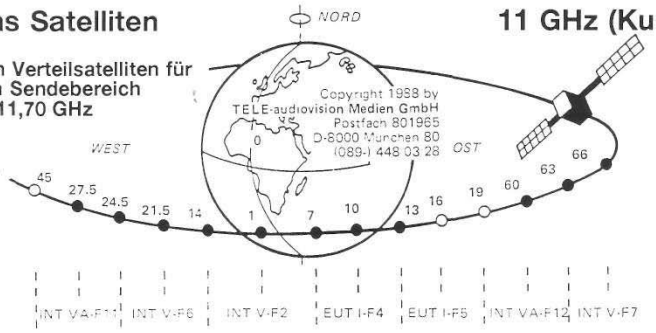
Satelliten-Empfang

Nur in TELE-satellit: die aktuellsten, nachgeprüften Satelliten-Tabellen für Europa

Europas Satelliten — 11 GHz (Ku-Band)

Programm Verteilsatelliten für Europa im Sendebereich 10.95 bis 11,70 GHz

Stand: April 1988



Fernsehen über Satellit — 11 GHz (Ku-Band)

Satellit	Position	Programm	Sendeland	Sprache	Frequenz	Polarisation	Beam	Bildnorm	Videofest	Tonfr.	Scramb.	Empfang	Leistung	Zeiten	Bemerkungen
	Grad				GHz					MHz			dBW	h	
INTELSAT VA-F11	27.5 W	MTV Europe	USA/Groß	englisch	10.98	Horiz	West	PAL/Neg	-	6.60	-	Free	46	24	Videoclips
										7.02 A 7.20		(WEGENER-System)			Begleiton Stereo
		Canal 10	Großbrit	spanisch	10.98	Vert-kal	Ost	SAT-TEL	-	6.60 A 7.20		Pay-TV	46	24	Spielfilme
		Children's Channel (Privatsender/Time Sharing)													
			Großbrit	englisch	11.02	Horiz	West	PAL/Neg	ja	6.60	-	Pay-TV	46	24	Kinderpr. / Spielfilme
										7.02 A 7.20		(WEGENER-System)			Begleiton Stereo
		Lifestyle / Screensport (Time Sharing)													
			Großbrit	englisch	11.14	Horiz	West	PAL/Neg	-	6.60	-	Pay-TV	46	24	Kultur / Hausfrauen / Sport
										7.02 A 7.20		(WEGENER-System)			Begleiton Stereo
										7.38					Begleiton Französisch
		CNN International	USA/Groß	englisch	11.15	Vertikal	Ost	PAL/Neg	-	6.60	-	Pay-TV	46	24	Nachrichten + Information
										7.38					Datenübertragung
		BBC 1/2	Großbrit	englisch	11.18	Horiz	West	SAT-TEL	ja	6.60	ja	Pay-TV	46	24	Unterhaltung + Kultur
		ERU-PVS	-	-	11.47	Vertikal	West	PAL/Neg	-	6.60	-	Free	46	24	Videoüberspielungen
		Anglovision	USA/Groß	englisch	11.51	Vertikal	Ost	PAL/Neg	-	6.60	-	Pay-TV	46	-	Nachrichten - in Vorbereitung
		TV3 - Satellite-Information Service (Time Sharing)													
			GB/Schw	englisch	11.59	Horiz	West	B-MAC	-	-	ja	dl card	46	24	Unterhaltung / Pferderennen
INTELSAT VA-F10	24.5 W	(derzeit kein TV-Programm)													
INTELSAT V-F6	21.5 W	Telespazio	Italien	italien	10.98	Vertikal	West	PAL/Neg	-	6.65	-	-	46	-	nur Testsendungen
		Telespazio	Italien	italien	11.13	Vertikal	West	PAL/Neg	-	6.65	-	-	46	-	nur Testsendungen
		Telespazio	Italien	italien	11.17	Vertikal	West	PAL/Neg	-	6.65	-	-	46	-	nur Testsendungen
GORIZONT 12	14 West	TV Test	Sowjetun	russisch	11.51	Linksz	Ost	SECAM N+P	-	7.00	-	-	43	-	nur Testsendungen
INTELSAT V-F2	1 West	Norpas	Norwegen	norweg	11.01	Horiz	West	PAL/Neg	-	6.60 A 7.20		Pay-TV	44	-	nur Testsendungen
		Kanal 1	Schweden	schwed	11.13	Horiz	West	C-MAC	ja	-	-	Free	44	24	Unterhaltung + Kultur
		STV2	Schweden	schwed	11.17	Horiz	West	C-MAC	ja	-	-	Free	44	24	Unterhaltung + Kultur
		TV1	Israel	hebräisch	11.19	Vertikal	Ost	PAL/Neg	-	6.60	-	Free	43	24	nur Testsendungen - DX
		TV2	Israel	hebräisch	11.59	Vertikal	Ost	PAL/Neg	-	6.60	-	Free	43	24	nur Testsendungen - DX
		TV Test	-	-	11.69	Horiz	West	PAL/Neg	-	6.60	-	-	44	-	nur Testsendungen
		New World Chan	Norwegen	engl. norweg	11.47	Horiz	West	PAL/Neg	-	6.60	-	Free	44	2	Religiose Progr
		Worldnet	USA	englisch	11.59	Horiz	Ost	SECAM N	-	6.60	-	Free	45	8	Information
EUTELSAT I-F2	7 Ost	RTL plus	Luxemburg	deutsch	10.97	Vertikal	West	PAL/Neg	-	6.65	-	Free	45	24	Unterhaltung - nur Testsendungen
EUTELSAT I-F4	10 Ost	NRK	Norwegen	norwegisch	11.20	Vertikal	West	C-MAC	ja	-	-	Free	45	24	Unterhaltung + Kultur
		TVE1	Spanien	spanisch	11.65	Vertikal	West	PAL/Neg	ja	6.60	-	Free	45	24	Unterhaltung + Kultur
EUTELSAT I-F1	13 Ost	Teleclub	Schweiz	deutsch	10.98	Vertikal	West	PAL/Neg	-	6.50	-	Pay-TV	45	24	Spielfilme
										5.50					(Schaltsignal Kabelscrambler)
		RAI UNO	Italien	italien	11.00	Horiz	West	PAL/Neg	ja	6.60	-	Free	45	24	Unterhaltung + Kultur
		RTL plus	Luxemburg	deutsch	11.08	Vertikal	Ost	PAL/Neg	-	6.65	-	Free	45	24	Unterhaltung + Kultur
		Filmnet	Belgien	engl. holl	11.14	Vertikal	West	PAL Pos	ja	6.65	ja	Pay-TV	45	24	Spielfilme
										7.02		(PANDA-System)			Begleiton schwedisch
										7.15 A 7.61					(Schaltsignal Kabelscrambler)
		3SAT	BRD	deutsch	11.17	Horiz	West	PAL/Neg	-	6.60	-	-	45	-	Unterhaltung
		TV5 / TV Scandin	Frankreich	franz/ schwed	11.47	Horiz	West	PAL/Neg	-	6.65	-	Free	45	8	Unterhaltung + Kultur / Frühst TV
		Worldnet	USA	englisch	11.48	Horiz	West	PAL/Neg	-	6.65	-	Free	45	8	Information
		SAT 1	BRD	deutsch	11.50	Horiz	West	PAL/Neg	-	6.65	-	Free	45	24	Unterhaltung
		Sky Channel	Großbrit	englisch	11.65	Horiz	West	PAL/Neg	ja	6.65	-	Free	45	24	Unterhaltung
										7.02 A 7.20 A 7.42		(WEGENER-System)			Begleiton Stereo
		Super Channel	Großbrit	englisch	11.67	Vertikal	West	PAL/Neg	ja	6.65	-	Free	45	24	Unterhaltung + Kultur
										7.02 A 7.20		(WEGENER-System)			Begleiton Stereo
INTELSAT VA-F12	60 Ost	3SAT	BRD	deutsch	10.97	Horiz	West	PAL/Neg	-	6.65	-	Free	46	24	Unterhaltung
		Wiwi 3	BRD	deutsch	11.01	Horiz	West	PAL/Neg	ja	6.65	-	Free	46	24	Unterhaltung
		Tele 5	BRD	deutsch	11.13	Horiz	West	PAL/Neg	-	6.65	-	Free	46	24	Videoclips
		Bayerisches Fern	BRD	deutsch	11.17	Horiz	West	PAL/Neg	ja	6.65	-	Free	46	24	Unterhaltung
		AFN-TV	USA/BRD	englisch	11.51	Vertikal	Ost	B-MAC	-	-	ja	dl card	46	24	Unterhaltung/US-Armee
		Eins Plus	BRD	deutsch	11.55	Horiz	West	PAL/Neg	-	6.65	-	Free	46	24	Unterhaltung
		eureka tv	BRD	deutsch	11.60	Horiz	West	PAL/Neg	-	6.65	-	Free	46	24	Information
INTELSAT V-F5	53 Ost	(derzeit kein TV-Programm)													
INTELSAT V-F7	66 Ost	IRIB TV1	Iran	farsi	10.99	Vertikal	West	PAL/Neg	-	6.80	-	Free	46	24	Kultur - DX
		IRIB TV2	Iran	farsi	11.15	Vertikal	West	PAL/Neg	-	6.80	-	Free	46	24	Kultur - DX
		AFRTS-E2	USA	englisch	11.47	Horiz	West	NTSC/Neg	ja	6.80	-	dl card	43	24	Unterhaltung US-Armee - DX
		TRT 1	Turkei	türkisch	11.65	Horiz	West	PAL/Neg	-	6.80	-	Free	43	24	Unterhaltung - DX
		TRT 2	Turkei	türkisch	11.66	Horiz	West	PAL/Neg	-	6.80	-	Free	43	24	Unterhaltung - Testsendung - DX

Radio über Satellit — 11 GHz (Ku-Band)

Satellit	Position	Programm	Sendeland	Sprache	Frequenz	Polarisation	Beam	Tonnorm	Tonfrequenz	Scram	Empfang	Leistung	Zeiten	Bemerkungen
	Grad				GHz				MHz			dBW	h	
INTELSAT VA-F11	27.5 W	BBC Worldserv	Großbrit	englisch	11.18	Horiz	West	WEGENER	7.02	-	Free	45	24	Mono // Kurzwelle
		BBC Worldserv	Großbrit	diversen	11.18	Horiz	West	WEGENER	7.20	-	Free	45	24	Mono - Auslandsprogramme
INTELSAT V-F2	1 West	KOL Israel	Israel	hebräisch	11.19	Horiz	Ost	Standard	7.50	-	Free	45	24	Testsendungen
		SR P1	Schweden	schwedisch	11.13	Horizontal	West	Digital MAC	-	-	Free	44	24	1. Inlandsprogramm Stereo
		SR P2	Schweden	schwedisch	11.17	Horizontal	West	Digital MAC	-	-	Free	44	24	2. Inlandsprogramm Stereo
		SR P3	Schweden	schwedisch	11.53	Horizontal	Ost	Digital MAC	-	-	Free	44	24	3. Inlandsprogramm Stereo
EUTELSAT I-F4	10 Ost	Radio Luxemburg	Luxemburg	deutsch	10.97	Vertikal	West	WEGENER	7.02 A 7.20	-	Free	45	24	Stereo - nur Testsendungen
		NRK P1	Norwegen	norwegisch	11.16	Vertikal	West	Digital MAC	-	-	Free	45	24	1. Inlandsprogramm Stereo
		NRK P2	Norwegen	norwegisch	11.18	Vertikal	West	Digital MAC	-	-	Free	45	24	2. Inlandsprogramm Stereo
EUTELSAT I-F1	13 Ost	Radio Luxemburg	Luxemburg	deutsch	11.08	Vertikal	Ost	WEGENER	7.02 A 7.20	-	Free	45	24	Stereo
		Radio 10	Norwegen	englisch/ holl	11.14	Vertikal	West	WEGENER	7.02 A 8.10	-	Free	45	24	Stereo
		Cable One	Norwegen	englisch	11.17	Horizontal	West	WEGENER	7.56 A 7.74	-	Free	45	24	Testsendungen
		Voice of America	USA	englisch	11.50	Vertikal	West	WEGENER	7.02 A 7.20	-	Free	45	24	Stereo
		Star Sat Radio	BRD	deutsch	11.50	Vertikal	West	WEGENER	7.56 A 7.56	-	Free	45	24	Stereo
		BBC Worldser	Großbrit	englisch	11.67	Vertikal	West	WEGENER	7.38	-	Free	45	24	Mono // Kurzwelle
		BBC Worldser	Großbrit	diversen	11.67	Vertikal	West	WEGENER	7.56	-	Free	45	24	Mono - Auslandsprogramme
INTELSAT VA-F12	60 Ost	Deutschlandfunk	BRD	deutsch	11.01	Horiz	West	WEGENER	7.20 A 7.20	-	Free	46	24	Stereo
		Radio Media	BRD	deutsch	11.17	Horizontal	West	WEGENER	7.20 A 7.20	-	Free	46	24	Stereo
		Digital Test	BRD	deutsch	11.45	Vertikal	Ost	Digital	-	-	Free	44	24	div. Privatradios
INTELSAT V-F7	66 Ost	IRIB Radio 1	Iran	farsi	10.99	Vert-kal	West	Standard	6.18	-	Free	46	24	Testsendungen - DX
		IRIB Radio 2	Iran	farsi	11.15	Vert-kal	West	Standard	6.18	-	Free	46	24	Inlandsprogramm - DX

USAT

Las Vegas 1988

Was hat eine amerikanische Satelliten-Show mit dem Oktoberfest zu tun? Aus den USA berichtet TELE-satellit Redakteur Rainer Mann von der weltgrößten Satellitenshow

Spiegel hier, Spiegel dort. In den USA sind Satellitenspiegel wegen ihrer Größe unübersehbar. „Faltbare" Spiegel, wie hier im Bild, sind eine (Not-) Lösung, die Ungetüme zeitweise unsichtbar zu machen.

Im Anflug auf Las Vegas vermag sich der europäische Besucher nicht darüber klar werden, warum die Satellitenshow unbedingt in dieser Wüstengegend ausgerichtet wird. Immerhin braucht der Europäer fast 24 Stunden, bis er sich in einem der Superhoteis niederlassen kann. Erst hier wird ihm ein Service zuteil, der den weiten Weg vergessen läßt, denn jeder mit Gästen beschäftigte Bewohner ist nur mit dem Gedanken befaßt, es dem Besucher so einfach und bequem wie möglich zu machen.

Die von der SBCA und NSSA (Organisationen der amerikanischen Satellitenszene) angemieteten Räume des

Satellitenshow Las Vegas 1988: Spiegelwald auf dem Freigelände vor dem Bally's Hotel

"Bally's Hotel", einem riesigen Komplex, reichten gerade aus, die Show aufzunehmen. Angenehmer Nebeneffekt: Das "Bally's" ist imstande, einen Großteil der Besucher und Aussteller unterzubringen. Prädestiniert ist das Hotel von Hause aus: es glänzte durch die weit und breit einmalige hauseigene Satellitenempfangsanlage mit sechs (!) fest ausgerichteten 3-4 m Antennen.

Desolate Verkaufslage des US Marktes

In amerikanischer Direktheit kam Präsident Rick Schneringer in seiner Empfangsrede ohne Beschönigung auf die desolate Verkaufslage des amerikanischen Satellitenmarkts zu sprechen, die durch den Start der Verschlüsselung der Pay-TV Programme ausgelöst worden war. Der vor Jahren explosive Markt brach nach dem Umschalten etlicher Programme total zusammen. Selbst die

Want More? Free Time Travel 20 Years Back:

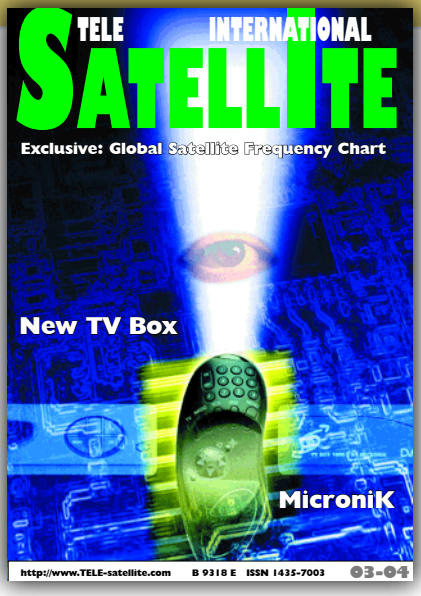
Read Full Magazine TELE-satellite 02/1988 Here: (Sorry, available in German only)

http://magazine.TELE-satellite.com/vintage/TELE-satellite-8805-deu.pdf

Edited by
Alexander Wiese

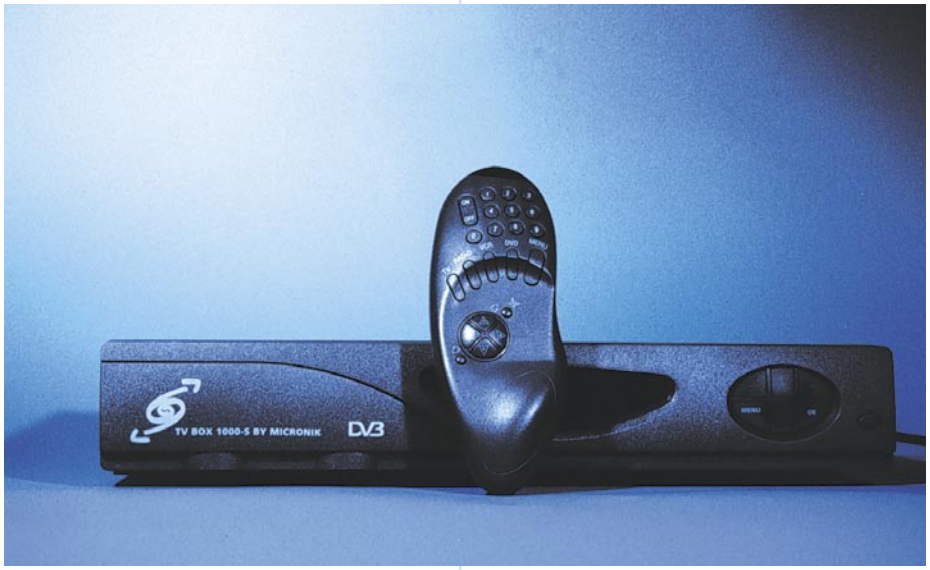
10 Years Ago

Travel into the Past
TELE-satellite Magazine
Issue 04/1999



MikroniK TV-Box 1000-S

The digital era requires a lot of speed of manufacturers. What is a new development today will be history tomorrow. R&D departments are working overtime to keep track of all new developments. The benefit of doing everything in-house is shown by German Micronik. They offer their new 1000-S receiver, which is a full in-house development. We have already published a test report about this receiver and did get a lot of feedback from buyers of this receiver. Mostly positive remarks designed to make a better receiver of it. This indicates that the 1000-S has been accepted by the market, otherwise people would not be interested in it. Very soon after this test, Micronik released a new firmware version which could be uploaded by the users or by the retailer.



One of the most nasty things in this digital era is the incompatibility of Conditional Access systems. For every pay-TV operator you will need either a separate box or a special Conditional Access Module (CAM.) This makes it so frustrating when moving around in Europe. A Dutch family moving to Switzerland can bring their receiver, but will not be able to watch any Swiss channel with it. So they will need a new, separate receiver.

To overcome this situation, Common Access Modules were developed. But in practice it doesn't work all the time, as some encryption standards are still not available (Irdeto). Micronik tried to solve this problem in a very creative way. They developed the so-called multi-access-module. It can hold up to four different PCMCIA modules and their smartcards. Whether it is Irdeto, Viaccess, Cryptoworks, Conax, Nagravision or even a complete new encryption standard, just plug it in and it is showtime. The firmware fully automatically detects the presence of the modules. Even fully integrated encryption systems can be inserted. Let's take a real-life example: a guy from Greece living in France with a Spanish wife and kids growing up together with their French friends. He doesn't want to live without the Hellas package. She wants to keep in touch with 'home' and have the Spanish package. The children want to talk to their friends about what was on French television last night. What to do? Buy three boxes? What a waste when you could solve this problem perfectly with the Micronik 1000-S. Just plug in all the necessary CAMs together with the needed smart-cards and there you are. Simple and effective. And still ready for the future, even in this situation there is still room for more. Without any CAMs at all, the 1000-S is still a very fine FTA receiver. So you can always turn to pay-TV later on, if you first decide to only FTA a while. This Multi-Access-Module (MAM) is the first to integrate a wide variety of encryption standards into one receiver. For Micronik this means they are way ahead of the competition. For the buyer it means saving money.

Telecontrol's i-Box

We received a small black box and didn't really know what to think of it. Well, there was an IF jack on the back, but that was about it. So we rang our retired in-house tester out of the bed only to learn that he had received a similar thing quite some time ago. We took out the manual for our new TV fairy, but we still didn't know whether this was supposed to be an analogue satellite receiver with teletext, a teletext decoder with satellite TV and FM radio or something entirely different.After a while we found out why this piece of equipment is called TV fairy. For an annual fee of DEM 50 it can do a lot four you, your TV and your VCR (up to now, that applies only if you live in Germany.) Utilising the European radio data system (RDS) which was originally designed to allow FM radio stations to transmit data and information, the TV fairy helps you record your favourite TV shows without missing a second, it lets you check when your favourite movie will be on or which channel will offer films with your favourite actor within the next two weeks.

FSM 204 SAT-TV Spektrum-Analyzer

A level meter and a spectrum analyzer are two of the costlier pieces of equipment that can easily drain an installer's budget. Therefore it is a logical consequence that only instruments are accepted that both serve well in the lab and up on the roof. These units must not only feature a built-in monitor and a rechargeable battery pack, but also a robust chassis that protects the sensitive electronic equipment. After all, the conditions up on a customer's roof can hardly be described as ideal for expensive equipment. Installers looking for a one-4-all unit also expect the analyzer to handle the whole frequency band which ranges from 40 to 850 MHz for terrestrial signals and from 950 to 2150 MHz for the satellite signals. Only if these demands are satisfied an installer will be able to set-up and check a client's antenna system which is used for FM, terrestrial TV and satellite signals.
German company Doebis has recently introduced its JAEGER FSM204 portable level meter and spectrum analyzer which is offered at a competitive price and may even be bought by individual satellite enthusiasts and not only by professional installers. With a weight of 8.5 kg the FSM204 is not exactly a light-weight, but if one takes into account that the unit comes with a built-in monitor and a battery back that guarantees two hours of uninterrupted power supply the weight is somewhat acceptable. The terrestrial frequency range extends from 45 to 862 MHz and the IF range for satellite signals goes from 950 to 2150 MHz. The FSM204 is primarily used for the evaluation of analog satellite signals. We did some preliminary tests on a purely digital satellite (like the two DFS of Deutsche Telekom) and were able to meter the signal strength of digital bouquets, if the peaks on the spectrum analyzer are metered. However, it is not possible to determine the quality of digital signals. After all, comparable units for digital signals are twice as expensive.

Antennas in Poltava

Poltava is a humanitarian center of Ukraine. About 380 thousands citizens of Ukraine now live in Poltava. Antennas on the walls and roofs of houses obviously illustrate the interests of modern Poltava inhabitants on the boundary between 20th and 21st centuries.

The overwhelming majority of Poltava inhabitants watch the programs of national TV of Ukraine, which are relayed from Poltava and Krasnogorovka (about 80 kms from Poltava) in VHF and UHF band: "Ut-1", "Ut-2", "Inter", "ICTV", "UTA", "STB", and also Kharkov channel "Simon" and local channel "Ltava". The off-air reception is very cheap. The air antenna, most popular in Poltava, - "shaggy" VHF/UHF antenna of Polish manufacturing with the built-in amplifier and included power supply unit. Its value on the city market is about $11. For 3-4 TV sets connection a standard 15-20 dB divider TAP is used, sometimes it is supplied by a divider "1:2", if not 4, but 5 places of TV set connection are made in the apartment (in the house). Satellite TV as the mass phenomenon exists in Poltava since 1995. Before that time only few amateurs that had been abroad had the satellite systems.
Main distributors of satellite systems in Poltava are the trade firms "Satellit", "Poisk", "Condor", "Promelektronica", "Voyage", Kiev "Romsat" representatives, and also few enthusiasts.
As it is seen, the competition is strong.
By the middle of 1998 there are approximately 700 satellite antennas total in Poltava and nearest neighbourhoods according to the experts' estimation, and each year this number increases by 200. If to accept 700 Poltava antennas as a unit, then about 10% of installed antennas are antennas with a 0,9 m diameter, about 50% of antennas with diameters 1,15 - 1,20 m, about 20% with a diameter 1,4 - 1,5 m and about 15% with a diameter 1,8 -2,2 m and more. The largest satellite antennas in Poltava are 3,7 - 4 m, they are in a professional application.

Echostar & S.C.I.

After a roll call by Echostar and S.C.I. six European expert journalists undertook a journey all the way to the Scottish highlands and took over historic Blairquhan Castle for a night (and that included a fine supply of Scottish Whisky collected by the Hunter-Blair clan).
On the next morning the leap from 18th century sobriety to 20th century technology couldn't have been more eye-opening, when we were transferred to S.C.I.-UK's new production facility in Irvin. Echostar Vice-President Richard Innemee presented his company's new strategy, and S.C.I. Vice-President Jim Ferguson took us on a tour around one of the 35 S.C.I. production sites where Echostar products will be assembled in the future.
Founder and current CEO of Echostar, Charlie Ergen, entered the market in 1980 with the ambitious motto "a dish in every home". The established players in the US market at first ridiculed that goal, and in the European and Asian markets Echostar had yet to make a name for itself. However,

While in 1980 Charlie Ergen's vision was sneered at, in 1999 Ergen controls a company which is the only one in the world to offer both DBS satellite services and all the necessary hardware and software products. Furthermore Echostar operates a huge uplink center in the USA, owns four satellites with a DBS capacity of 90 transponders and offers complex solutions from planning to operating.

SCI

One of world's biggest manufacturer of electronics components for entertainment products, the military and medical equipment company was chosen as an ideal partner for Echostar. With an excellent name in medical equipment, SCI has proven to guarantee uncompromising quality in its 35 production facilities all over the world. That way regional Echostar products can be produced close to the actual end-market. Among the pluses of SCI are fixed prices, continuously high quality, and a reliable flow of information between the ordering company and the manufacturer.
One of the best equipped SCI facilities can be found in Irvin and it was here that a TELE-satellite journalist was able to look at how an Echostar receiver is being assembled. All production stages are carried out automatically, except for the final check and the packaging which are done manually. At the final check the receiver is brought to life for the first time. While many manufacturers only carry out a quick test, at SCI in Irvin all receivers are put to a test that simulates six hours of continuous operation in order to detect any weaknesses or malfunctions. All units that are not 100% OK are repaired manually and then enter the production and evaluation process again so that only top-quality units leave the site.
SCI is also proud of its excellent reputation as a PC manufacturer. It would be wise to check if the motherboard features the SCI logo before buying a new computer. Unfortunately the sales staff at your electronics store will not be too happy with such a request. As far as military equipment is concerned, a look into the famous Janes Handbook of Military Communications reveals that quite a few units are SCI products. In the satellite receiver business a complete range of international companies cooperate with SCI, so that our TELE-satellite journalist came across units that are produced for companies like Philips, Nokia, HTS and of course Echostar.

Echostar's competitors in the USA started to worry as soon as the first receiver with an integrated positioner was introduced by Echostar and kickstarted the company from newbie to market-leader status.
In 1989 Echostar decided to conquer the old world and opened regional headquarters in the wharf district of Rotterdam, only to move to a new and generously laid out center in Almelo (Netherlands). The major asset in this phase of expansion was the SR4500 receiver, which was later replaced by the new SR5500 which surprised both importers and consumers. The following years saw the introduction of two less successful follow-ups to the SR5500, until the SR8700LT was put in the market and was as good a seller as the legendary SR5500. However, for no particular reason the high-end segment of the receiver market idled for quite some time and loyal Echostar enthusiasts almost felt neglected, since Echostar obviously had started to focus on its satellite business which included the company's first DBS satellite.
It came as a big surprise that - coinciding with our Scottish weekend - Echostar introduced the sophisticated AD-2000IP receiver which is designed to follow the 8700LT's footsteps as a state-of-the-art unit for the high-end market.
While Echostar is back on track in the receiver business the whole company expanded dramatically over the past few years and has been restructured to accommodate all sectors of the business.
In Colorado, Wyoming and The Netherlands Echostar serves as an operator of a whole fleet of satellites, Pay-TV provider and up- and downlink provider. These different branches are now bundled into the following groups: DISH-NETWORKS, ECHOSTAR TECHNOLOGIES CORP (ETC), ECHOSTAR SATELLITE SERVICES (ESS) and ECHOSTAR INTERNATIONAL CORP (EIC).
With these services Echostar is able to offer a comprehensive range of products and services ranging from data and educational services to turnkey satellite solutions for Africa, Europe and the Middle East.
One example of the enormous expertise of Echostar is the second digital platform in Spain which is a typical turnkey product. The company is currently working on broadband internet access (ICEbox project) and the MediaStream network control system in cooperation with MEDIA4.

One of the more rare functions is the possibility to measure the signal/noise figure for analog signals. Other receivers can be connected to this unit without any loss in signal strength or quality. A Digisky is yours for only DM 1.600 (incl. VAT). It only weighs 1.2kg and can do its job up to 3 hours on its battery. When the battery runs dry it warns you perfectly on time.

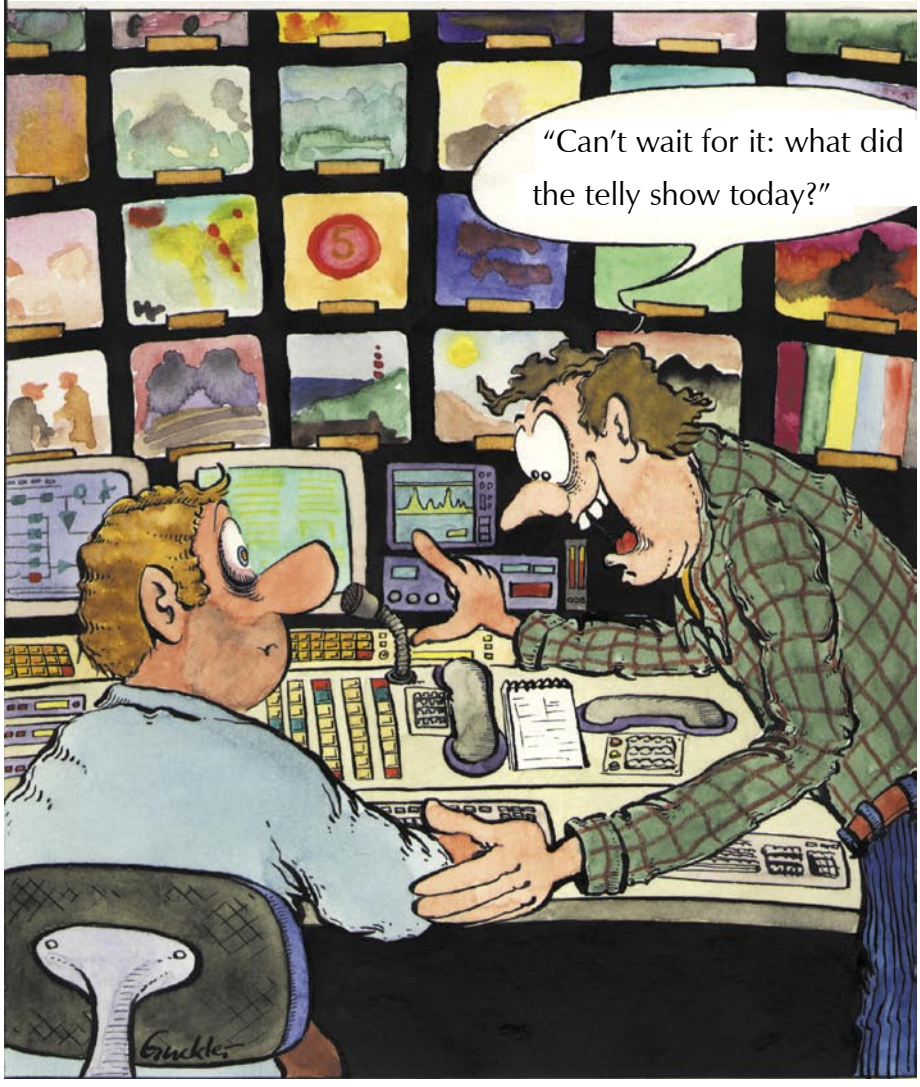
Sagem ISD 3100

Recently we received a new digital set-top box which supports the Open-TV standard. It's a French receiver, called Sagem ISD 3100, and it comes with a built-in Viaccess decoder. Perhaps you have already seen how many channels are using Viaccess today, not just in France. A good example is the Russian NTV for which smartcards are very easy to get. Although the ISD 3100 is basically a Free to Air receiver, the Viaccess integration is a very welcome addition. In fact, the Sagem is a very back to the basics receiver, without any unnecessary gadgets. Operation is very simple, but done to keep it clear for a larger audience. The ISD 3100 is in fact designed for reception of two European satellite systems: Astra and Hotbird, or perhaps a Scandinavian satellite as well. On the front you will only find the emergency buttons together with a LED indicating the status of the receiver. Of course, there is a smartcard slot for the Viaccess system. At the back, two Scart (Peritel) connectors take care of the connections to the rest of your equipment. Together with two phono jacks for supplying your stereo with sound. Additionally a phono connector with composite video can be used to supply an extra monitor with the video signal. To update the firmware or settings, an RS-232 interface is present. An analogue or second digital receiver can be connected to the LNB output. There is no RF modulator built-in. Looking at the extensive on-screen display we believe it's even the better. The remote control is not just an everyday one. The numeric keys are shaped like the numbers itself, making it easy to find them even if it is dark. Since Open-TV is supported, there are a few buttons more on the remote. But grouped together and marked with colours, they pose no problem in everyday use where you will only use the numeric keys and the ones beyond. Fear of the remote control, of any, disappears very rapidly when using it for just a short time.

Measuring analog and digital, now and in the future

Buying a measuring device for signals is always a serious job. Not because it is expensive, but more so because it must be in operation for many years. Newly bought measuring devices should, therefore, also be able to process digital signals. The new R.O.V.E.R. SDA-4 & 5 Digisky coming from Italy is capable of measuring analog and digital QPSK satellite signals. The input can handle signals from 950 up to 2150MHz. And the channel memory of 200 channels should be enough for average use. Besides the signal strength it also shows the frequency. It can measure the error rate of digital signals and when channel IDs are integrated in the data stream the names are visible on-screen.

The other day, the new shift arrives at work in the satellite control station



Want More? Free Time Travel 10 Years Back:

Read Full Magazine TELE-satellite 04/1999 Here:

http://magazine.TELE-satellite.com/vintage/TELE-satellite-9904-deu-eng.pdf

Missed TELE-satellite?

Read Previous Issues Online

TELE-satellite is available in 20 language versions:

Arabic العربية
www.TELE-satellite.com/ara/

Indonesian Bahasa Indonesia
www.TELE-satellite.com/bid/

Bulgarian Български
www.TELE-satellite.com/bul/

Czech Česky
www.TELE-satellite.com/ces/

German Deutsch
www.TELE-satellite.com/deu/

English
www.TELE-satellite.com/eng/

Spanish Español
www.TELE-satellite.com/esp/

Farsi فارسي
www.TELE-satellite.com/far/

French Français
www.TELE-satellite.com/fra/

Greek Ελληνικά
www.TELE-satellite.com/hel/

Croatian Hrvatski
www.TELE-satellite.com/hrv/

Italian Italiano
www.TELE-satellite.com/ita/

Hungarian Magyar
www.TELE-satellite.com/mag/

Chinese 中文
www.TELE-satellite.com/man/

Dutch Nederlands
www.TELE-satellite.com/ned/

Polish Polski
www.TELE-satellite.com/pol/

Portuguese Português
www.TELE-satellite.com/por/

Russian Русский
www.TELE-satellite.com/rus/

Swedish Svenska
www.TELE-satellite.com/sve/

Turkish Türkçe
www.TELE-satellite.com/tur/

DS4H-6550

Fully DVB-S / DVB-S2 (H.264) HD Compliant
PVR Ready Using USB 2.0 High Speed External HDD
1 Smart Card Reader & Common Interface (2 CI slots)

DS4H-9160

Fully DVB-S / DVB-S2 (H.264) HD Compliant
Dual DVB-S2 HD Tuners
Two(2) channel Recording while watching Play-back
Linux Operating System
Maximum 1TB(terabyte) HDD Supported
Common Interface (2 CI slots)

DS4H-8150

PVR Ready

www.dizipia.com

Second Floor, Shinhan Building, 147-9 Garak-Dong, Songpa-Gu, Seoul 138-160, Korea E-mail : info@dizipia.com / Tel : +82-2-2152-3200 / Fax : +82-2-407-3405

WATCH THE WORLD WITH JIUZHOU

LNBF SERIES
DVB/ATSC DIGITAL STB -SERIES
CATV SERIES
DISH ANTENNA SERIES

HD KU Universal Satellite LNBF

High end HD KU band single output LNBF newly released with full intellectual property right.

JIUZHOU SATISFIES ALL YOUR NEEDS!

Digital Satellite FTA Receiver with USB Recording

NABSHOW Where Content Comes to Life
Apr 20-23,2009
Our Booth No.C861

Dish Antenna

L Band Optical Transmitter

JIUZHOU SINCE 1958

JIUZHOU ELECTRIC GROUP

Headquarters: NO.16 Yuejin Road Mianyang,Sichuan,China
Shenzhen Base: Jiuzhou Electric Building, Southern No.12 Road, Hi-Tech Industrial Park, Nanshan District, Shenzhen, China 518057
Contact: Ms.Kitty He
Tel: +86-755-2694 7236
Fax: +86-755-2671 5408
E-mail: hxymar @jiuzhou.com.cn
Website: www.jiuzhou.com.cn

NDS | irdeto | viaccess a France Telecom company | conax | DTVIA | NOVEL-TONGFANG | SeaChange | iPanel