

Updated on 24 August 2004

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio FEC	MHz MS/s	Text MS/s	Access	Lang.
HOT BIRD (13°EAST)									
D 10.719	V	W	<u>Cyfra +</u>	package	DVB	3/4	27.500	Mediaguard 2	
			Club Central Europe	TV	DVB	3/4	27.500	Mediaguard 2	Polish,English
			Extreme Sports Channel	TV	DVB	3/4	27.500	Mediaguard 2	Polish,English
			MiniMini	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Planete Polska	TV	DVB	3/4	27.500	Mediaguard 2	Polish,French
			EuroSport News Poland	TV	DVB	3/4	27.500	Mediaguard 2	Polish,English
			4 Fun TV	TV	DVB	3/4	27.500		Polish
			TV 4	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish
			Discovery Channel Poland	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			TVN	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish
			MTV Polska	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Niemiecki Rock	radio	DVB	3/4	27.500	Mediaguard 2	
			Muzyka klasyczna	radio	DVB	3/4	27.500	Mediaguard 2	
			Salsa	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Latino	radio	DVB	3/4	27.500	Mediaguard 2	
			Karnawał w Rio	radio	DVB	3/4	27.500	Mediaguard 2	
			Indyjski Pop	radio	DVB	3/4	27.500	Mediaguard 2	
			Country	radio	DVB	3/4	27.500	Mediaguard 2	
			Piosenk Włoska	radio	DVB	3/4	27.500	Mediaguard 2	
			Piosenka Francuska	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Europejskie	radio	DVB	3/4	27.500	Mediaguard 2	
			Współczesny Jazz	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity UK	radio	DVB	3/4	27.500	Mediaguard 2	
			Instrumentalna	radio	DVB	3/4	27.500	Mediaguard 2	
			Symfonie	radio	DVB	3/4	27.500	Mediaguard 2	
			Klasyczny Jazz	radio	DVB	3/4	27.500	Mediaguard 2	
			Smooth Jazz	radio	DVB	3/4	27.500	Mediaguard 2	
			Big Band Swing	radio	DVB	3/4	27.500	Mediaguard 2	
			Acid Jazz	radio	DVB	3/4	27.500	Mediaguard 2	
			New Age	radio	DVB	3/4	27.500	Mediaguard 2	
			Opera	radio	DVB	3/4	27.500	Mediaguard 2	
D 10.723	H	W	<u>British Telecom</u>	package	DVB	3/4	29.900	Cryptoworks/Irdeto 2/Viaccess 2.4	
			SET Europe	TV	DVB	3/4	29.900	Irdeto 2/Viaccess 2.4	Hindi
			NDTV 24x7	TV	DVB	3/4	29.900	Irdeto 2/Viaccess 2.4	English
			Deepam TV	TV	DVB	3/4	29.900	Irdeto 2/Viaccess 2.4	Tamil
			Geo TV	TV	DVB	3/4	29.900	Irdeto 2/Viaccess 2.4	Urdu
			Ten Sports Middle East	TV	DVB	3/4	29.900	Irdeto 2/Viaccess 2.4	English
			E!	TV	DVB	3/4	29.900	Cryptoworks	English,Greek
			Fox Kids Russia & Turkey	TV	DVB	3/4	29.900	Cryptoworks	Russian,Romanian,English,Turkish,Arabic
			RTP Internacional	TV	DVB	3/4	Y 29.900		Portuguese
			SET Max	TV	DVB	3/4	29.900	Irdeto 2/Viaccess 2.4	Hindi
			MTA 2	TV	DVB	3/4	29.900		English,French,German,Arabic,Bengali
			NPR Worldwide	radio	DVB	3/4	29.900		English
			ETBC Tamil Radio	radio	DVB	3/4	29.900		
			RDP Internacional	radio	DVB	3/4	29.900		Portuguese
			RDP Antena 1	radio	DVB	3/4	29.900		Portuguese
D 10.758	V	S	<u>TPS</u>	package	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	
			TPS Star	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TPS Cineculte	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TPS Cinextreme	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TPS Home Cinema	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TPS Cinétoile	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TPS Cinestar	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TPS Cinefamily	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TPS Evasion	interactiv	DVB	3/4	27.500		
			Pages Blanches	interactiv	DVB	3/4	27.500		
			Qui Donc	interactiv	DVB	3/4	27.500		
			PlayJam	interactiv	DVB	3/4	27.500		

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio FEC	MHz MSy/s	Text Access	Lang.
D 10.775	H	W	Filbanque	interactiv	DVB	3/4	27.500	
			Info Express	interactiv	DVB	3/4	27.500	
			AFP Infos	interactiv	DVB	3/4	27.500	
			Pages Jaunes	interactiv	DVB	3/4	27.500	
			<u>AFN - American Forces Network</u>	package	DVB	3/4	28.000 PowerVu	
			AFN Sports	TV	DVB	3/4	28.000 PowerVu	English
			AFN News	TV	DVB	3/4	28.000 PowerVu	English
			AFN Guide	TV	DVB	3/4	28.000 PowerVu	English
			AFN Korea	TV	DVB	3/4	28.000 PowerVu	English
			The Pentagon Channel	TV	DVB	3/4	28.000 PowerVu	English
			AFN Pacific	TV	DVB	3/4	28.000 PowerVu	English
			AFN Atlantic	TV	DVB	3/4	28.000 PowerVu	English
			AFN Spectrum	TV	DVB	3/4	28.000 PowerVu	English
			The Touch	radio	DVB	3/4	28.000 PowerVu	English
			Hot AC	radio	DVB	3/4	28.000 PowerVu	English
			Adult Rock	radio	DVB	3/4	28.000 PowerVu	English
			Country	radio	DVB	3/4	28.000 PowerVu	English
			Bright AC	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Bavaria	radio	DVB	3/4	28.000 PowerVu	English
			Z-FM Bavaria	radio	DVB	3/4	28.000 PowerVu	English
			Newsweek	radio	DVB	3/4	28.000 PowerVu	English
			Pure Gold	radio	DVB	3/4	28.000 PowerVu	English
			NPR Worldwide AFRTS	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network	radio	DVB	3/4	28.000 PowerVu	English
			The Contingency Channel	radio	DVB	3/4	28.000 PowerVu	English
			ESPN Sports Talk Plus	radio	DVB	3/4	28.000 PowerVu	English
			Fox Sports Plus	radio	DVB	3/4	28.000 PowerVu	English
			Z Rock	radio	DVB	3/4	28.000 PowerVu	English
			Uninterrupted Voice Channel	radio	DVB	3/4	28.000 PowerVu	English
D 10.796	V	W	<u>TPS</u>	package	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	
			Fun TV	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			M6 Boutique La Chaîne	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			M6 Music	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Premier League promo	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	
			Pwi	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Festival	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Téva	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Série Club	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Eurêka!	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			InfoSport	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TéléToon	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			France Bleu	radio	DVB	3/4	27.500	French
			Le Mouv'	radio	DVB	3/4	27.500	French
			Beur FM	radio	DVB	3/4	27.500	French
			France Musiques	radio	DVB	3/4	27.500	French
			Hector	radio	DVB	3/4	27.500	French
			FIP	radio	DVB	3/4	27.500	French
			France Inter	radio	DVB	3/4	27.500	French
			France Culture	radio	DVB	3/4	27.500	French
			France Info	radio	DVB	3/4	27.500	French
			Game Avenue	interactiv	DVB	3/4	27.500	
A 10.815	H	Europe	Duna TV	TV	PAL	6.50,7.02/7.20	Y	Hungarian
A 10.815	H	Europe	Kossuth Rádió AM	radio	PAL	7.38		Hungarian
A 10.815	H	Europe	Rádió Budapest	radio	PAL	7.56		
A 10.815	H	Europe	Petőfi Rádió	radio	PAL	7.74		Hungarian
A 10.815	H	Europe	Regionális és Nemzetiségi Adások	radio	PAL	7.92		Hungarian
D 10.834	V	Europe	<u>TPS</u>	package	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	
			France 5	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			ARTE Français	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Paris Première	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			France 3 Sat	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			France 2	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			↳Télé	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			LCI	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			EuroSport France	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Touche R	interactiv	DVB	3/4	27.500	
			TV Bancassurance	interactiv	DVB	3/4	27.500	
			TPS & Vous	interactiv	DVB	3/4	27.500	
			Les Echos	interactiv	DVB	3/4	27.500	

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 10.853	H	Europe	TPS Le TV mail	interactiv	DVB	3/4	27.500	
			TFOU Interactif	interactiv	DVB	3/4	27.500	
			La chaîne Fi	interactiv	DVB	3/4	27.500	
			<u>T-Systems</u>	package	DVB	3/4	27.500	
			Tele A	TV	DVB	3/4	27.500	Italian
			KurdSat	TV	DVB	3/4	27.500	Kurdish
			Spice Platinum	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5	English
D 10.873	V	Europe	Suton Radio	radio	DVB	3/4	27.500	Serbian
			<u>TPS</u>	package	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	
			SIC Internacional	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	Portuguese
			TV Breizh	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French,Breton
			LCP - La Chaîne Parlementaire	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			BBC Prime	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	English
			Equidia	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			RTM 1 Europe	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	Arabic
			ESPN Classic Sport France	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Rire et Chansons	radio	DVB	3/4	27.500	French
			Radio Nostalgie	radio	DVB	3/4	27.500	French
			MFM	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Hit West Nantes	radio	DVB	3/4	27.500	
			RTL 2	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Fun Radio	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Chérie FM	radio	DVB	3/4	27.500	French
			Radio Classique	radio	DVB	3/4	27.500	French
			NRJ	radio	DVB	3/4	27.500	French
			RFM	radio	DVB	3/4	27.500	French
			Europe 2	radio	DVB	3/4	27.500	French
			Europe 1	radio	DVB	3/4	27.500	French
			RMC Info	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			RTL	radio	DVB	3/4	27.500	French
			TPS Guide	interactiv	DVB	3/4	27.500	
			PMU Direct	interactiv	DVB	3/4	27.500	
			Bandiagara	interactiv	DVB	3/4	27.500	
			Guide Noos	interactiv	DVB	3/4	27.500	
			<u>Cyfra +</u>	package	DVB	3/4	27.500 Mediaguard 2	
			Canal + Sport	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			Canal +	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			Canal + Film	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			Fox Kids Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Cyfra + Pogoda	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Ale Kino!	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Minimax Poland	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Hyper	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			TVP 2	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			CNN International Europe	TV	DVB	3/4	27.500 Mediaguard 2	English
			TVP 1	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			Radiostacja	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Radio 94	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			RMF Classic	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Radio Zet	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Polskie Radio Bis	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Tok FM	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Jazz Radio	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			RMF FM	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Trójka	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Polskie Radio 2	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Polskie Radio 1	radio	DVB	3/4	27.500 Mediaguard 2	Polish
			Radio PIN 102 FM	radio	DVB	3/4	27.500 Mediaguard 2	Polish
D 10.911	V	S	<u>TPS</u>	package	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	
			Odyssée	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Télétoon +1	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			RFO Sat	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TF 6	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TF 1	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Histoire	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			M6	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TFOU	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Multivision 8	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Relaxation	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Symphonies	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 10.930	H	W	Grand Classique	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	French
			Radio Courtoisie	radio	DVB	3/4	27.500	
			SkyRock	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			RFI - Radio France Internationale	radio	DVB	3/4	27.500	
			Zi One	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	French
			Contact FM	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			BFM	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			Contemporain	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			Blues	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			Jazz	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			Jazz Moderne	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			Tubes Français	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			Baroque	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			Opéra	radio	DVB	3/4	Viaccess 2.3/Viaccess 2.4	
			Qui veut gagner des millions	interactiv	DVB	3/4	27.500	
			PlayinTV	interactiv	DVB	3/4	27.500	
			Horoscope	interactiv	DVB	3/4	27.500	
			Météo Express	interactiv	DVB	3/4	27.500	
			Verrou XXL	interactiv	DVB	3/4	27.500	
			Paltokes	interactiv	DVB	3/4	27.500	
			Equiz	interactiv	DVB	3/4	27.500	
			<u>Nova</u>	package	DVB	3/4	Irdeto 2	
			Animal Planet Europe	TV	DVB	3/4	Irdeto 2	English
			Alfa TV	TV	DVB	3/4	Irdeto 2	English,Greek
			Lumiere TV	TV	DVB	3/4	Irdeto 2	English,Greek
			ERT 9	TV	DVB	3/4	Irdeto 2	Greek
			VH1 Europe A	TV	DVB	3/4	Irdeto 2	English
			FilmNet 2	TV	DVB	3/4	Irdeto 2	Greek
			MGM	TV	DVB	3/4	Irdeto 2	English
			MTV Europe	TV	DVB	3/4	Irdeto 2	English
			National Geographic Channel Europe	TV	DVB	3/4	Irdeto 2	English,Russian
			CNBC Europe	TV	DVB	3/4	Irdeto 2	English
			ERT 8	TV	DVB	3/4	Irdeto 2	Greek
			Erotic Extra	TV	DVB	3/4	Irdeto 2	Greek
			ANT 1 Gold	TV	DVB	3/4	Irdeto 2	
			SuperSport FM 94.6	radio	DVB	3/4	Irdeto 2	
			Magma Zone	interactiv	DVB	3/4	Irdeto 2	
			Athens Stock Exchange	interactiv	DVB	3/4	Irdeto 2	
			Chat on Sat	interactiv	DVB	3/4	Irdeto 2	
			Telestet	interactiv	DVB	3/4	Irdeto 2	
			Memorix	interactiv	DVB	3/4	Irdeto 2	
			Customer Care	interactiv	DVB	3/4	Irdeto 2	
			Sony Ericsson	interactiv	DVB	3/4	Irdeto 2	
			Backgamman	interactiv	DVB	3/4	Irdeto 2	
			Athlitika	interactiv	DVB	3/4	Irdeto 2	
			Odigos Ebdomadas	interactiv	DVB	3/4	Irdeto 2	
			Eurobank	interactiv	DVB	3/4	Irdeto 2	
			Reversi	interactiv	DVB	3/4	Irdeto 2	
			Kotsovolos Stores	interactiv	DVB	3/4	Irdeto 2	
			Kairos	interactiv	DVB	3/4	Irdeto 2	
			Eideseis	interactiv	DVB	3/4	Irdeto 2	
			SuperSport.gr TV	interactiv	DVB	3/4	Irdeto 2	
			Oroskopio	interactiv	DVB	3/4	Irdeto 2	
D 10.949	V	W	<u>GlobeCast</u>	package	DVB	3/4	27.500	Tamil
			Sun TV	TV	DVB	3/4	27.500	
			PTV Prime UK	TV	DVB	3/4	27.500	
			TCM Central Europe	TV	DVB	3/4	27.500	
			Al Mustakillah TV	TV	DVB	3/4	27.500	
			ANB	TV	DVB	3/4	27.500	
			Al-Islah TV	TV	DVB	3/4	27.500	
			NourSat	TV	DVB	3/4	27.500	
			Mediatel	TV	DVB	3/4	27.500	
			KTV	TV	DVB	3/4	27.500	
			Cartoon Network Central Europe	TV	DVB	3/4	27.500	
			Suryan FM	radio	DVB	3/4	27.500	
			TRT International	TV	DVB	3/4	Y 4.340	
			TSR	radio	DVB	3/4	4.340	
			Voice of Turkey	radio	DVB	3/4	4.340	
A 10.974	H	Europe	TRT FM	radio	DVB	3/4	4.340	Turkish
			TRT International	TV	PAL	6.65	Y	Turkish
			TRT FM	radio	PAL	7.02/7.20		Turkish
			TSR	radio	PAL	7.56		Turkish
			Voice of Turkey	radio	PAL	7.92		
			Imagine Sat	TV	DVB	3/4	27.500	Greek

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 10.992	V	Europe	Eros Sat	TV	DVB	3/4	27.500	Greek
D 10.992	V	Europe	Cosmoradio 95.1	radio	DVB	3/4	27.500	Greek
D 11.034	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	
			Télé Mélody	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			CCTV 9	TV	DVB	3/4	27.500	English
			Berbère TV	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			TF-J	TV	DVB	3/4	27.500	French
			EuroNews	TV	DVB	3/4	27.500	French,English,German,Italian,Spanish,Portuguese,Russian
			Beur TV	TV	DVB	3/4	27.500	French
			RTR Planeta	TV	DVB	3/4	27.500	Russian
			Boomerang France	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			The God Channel	TV	DVB	3/4	27.500	English
			KTO - TV Catholique	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			Berbère Radio	radio	DVB	3/4	27.500	Berber
			Boom Zone	interactiv	DVB	3/4	27.500	
D 11.054	H	Europe	<u>T-Systems</u>	package	DVB	5/6	27.500	
			ZDF	TV	DVB	5/6	Y 27.500	German
			NBC Europe	TV	DVB	5/6	Y 27.500	
			RTL Schweiz	TV	DVB	5/6	Y 27.500	German
			RTL NRW	TV	DVB	5/6	Y 27.500	German
			Vox Schweiz	TV	DVB	5/6	Y 27.500	German
D 11.060	V	Europe	<u>ARTE</u>	package	DVB	5/6	6.510	
			ARTE Deutsch	TV	DVB	5/6	Y 6.510	German,French
			ARTE Français	TV	DVB	5/6	Y 6.510	French,German
A 11.079	V	Europe	ARTE Français	TV	PAL 6.60,7.02/7.20, 7.38/7.56	Y		French,German
A 11.079	V	Europe	France 5	TV	PAL 6.60,7.02/7.20	Y		French
D 11.096	H	Europe	<u>T-Systems</u>	package	DVB	3/4	27.500	
			Tele A	TV	DVB	3/4	27.500	Italian
			Spice Platinum	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5	English
			KurdSat	TV	DVB	3/4	27.500	Kurdish
A 11.114	V	Europe	BBC World	TV	PAL 6.60,7.02/7.20	Y		English
A 11.114	V	Europe	BBC World Service Persian	radio	PAL 7.38			Farsi
A 11.114	V	Europe	BBC World Service Balkans	radio	PAL 7.74			English
D 11.131	V	Europe	BBC Prime	TV	DVB	3/4	Y 5.632 Viaccess 2.3	English
D 11.131	V	Europe	BBC World Service Russian	radio	DVB	3/4	5.632	Russian
D 11.131	V	Europe	BBC World Service Persian	radio	DVB	3/4	5.632	Farsi
D 11.131	V	Europe	BBC World Service English	radio	DVB	3/4	5.632	English
D 11.131	V	Europe	BBC World Service Arabic	radio	DVB	3/4	5.632	Arabic
D 11.137	H	Europe	<u>British Telecom</u>	package	DVB	3/4	27.500	
			Roma Uno	TV	DVB	3/4	27.500	Italian
			StarMarket	TV	DVB	3/4	27.500	Italian
			RTB International	TV	DVB	3/4	27.500	Italian
			Toscana Channel	TV	DVB	3/4	27.500	Italian
			Videolina	TV	DVB	3/4	27.500	Italian
			TBN Italia	TV	DVB	3/4	27.500	Italian
			Kurdistan TV	TV	DVB	3/4	27.500	Kurdish
			ANN	TV	DVB	3/4	27.500	Arabic
			TV 5 Europe	TV	DVB	3/4	Y 27.500	French
			TV 5 FBS	TV	DVB	3/4	Y 27.500	French
			Motors TV	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	French,English,German
			Videolook Channel Italy	TV	DVB	3/4	27.500	Italian
			Radiolina	radio	DVB	3/4	27.500	Italian
D 11.143	V	Europe	<u>DW-TV</u>	package	DVB	7/8	5.500	
			DW-TV Amerika	TV	DVB	7/8	5.500	German
A 11.161	V	Europe	DW-TV	TV	PAL 7.02/7.20			German
A 11.161	V	Europe	DW-Radio 1	radio	PAL 7.38/7.56			German
A 11.161	V	Europe	DW-Radio 4	radio	PAL 7.74			
A 11.161	V	Europe	DW-Radio 5	radio	PAL 7.92			
A 11.161	V	Europe	DW-Radio 2	radio	PAL 8.28			English
A 11.161	V	Europe	DW-Radio 6	radio	PAL 8.46			
D 11.179	H	Europe	<u>Telespazio</u>	package	DVB	3/4	27.500	
			Diva Futura Channel	TV	DVB	3/4	27.500	Italian
			Sisal TV	TV	DVB	3/4	27.500 PowerVu	Italian
			Al Hayat	TV	DVB	3/4	27.500	Arabic
			Napoli Nova	TV	DVB	3/4	27.500	Italian
D 11.200	V	Europe	<u>Network Teleport Italia</u>	package	DVB	5/6	27.500	
			Noello Silver	TV	DVB	5/6	27.500	Italian
			TeleCampione	TV	DVB	5/6	27.500	Italian
			Taxi Channel	TV	DVB	5/6	27.500	Italian
			Al Hayat	TV	DVB	5/6	27.500	Arabic
			Roma Sat	TV	DVB	5/6	27.500	Italian
			People TV	TV	DVB	5/6	27.500	Italian
			Starsat	TV	DVB	5/6	27.500	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.242	V	SW	Network Teleport Italia promo	TV	DVB	5/6	27.500	Italian
			Noello Sat	TV	DVB	5/6	27.500	Italian
			Sailing Channel	TV	DVB	5/6	27.500	Italian,French
			Elite Shopping TV	TV	DVB	5/6	27.500	Italian
			Play TV	TV	DVB	5/6	27.500	Italian
			Odeon TV	TV	DVB	5/6	27.500	Italian
			Noello Gold	TV	DVB	5/6	27.500	Italian
			Conto TV	TV	DVB	5/6	Y 27.500	Italian
			Radio Max	radio	DVB	5/6	27.500	Italian
			Radio Flash	radio	DVB	5/6	27.500	Italian
			Radio Baby	radio	DVB	5/6	27.500	Italian
			Radio Cooky	radio	DVB	5/6	27.500	Italian
			Radio di per di	radio	DVB	5/6	27.500	Italian
			Radio Onda d'Urto	radio	DVB	5/6	27.500	Italian
			Radio Hit Channel Napoli	radio	DVB	5/6	27.500	Italian
			Radio Company	radio	DVB	5/6	27.500	Italian
			Radio Hit Channel Milano	radio	DVB	5/6	27.500	Italian
			Global Radio	radio	DVB	5/6	27.500	Italian
			Radio McDonald's	radio	DVB	5/6	27.500	Italian
			<u>Viacom</u>	package	DVB	3/4	27.500 Cryptoworks/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	
			Game One	TV	DVB	3/4	27.500 Cryptoworks/Viaccess 2.3/Viaccess 2.4	French
			MTV Schweiz & Österreich	TV	DVB	3/4	Y 27.500	German
			MTV France	TV	DVB	3/4	Y 27.500 Cryptoworks/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			VH1 Europe A	TV	DVB	3/4	27.500 Cryptoworks/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	English
			MTV Europe	TV	DVB	3/4	Y 27.500 Cryptoworks	English
			MTV Classic	TV	DVB	3/4	27.500 Cryptoworks	Polish
			MTV Polska	TV	DVB	3/4	27.500 Cryptoworks	Polish
			MTV Portugal	TV	DVB	3/4	27.500 Cryptoworks	Portuguese
			Nickelodeon Europe	TV	DVB	3/4	27.500 Cryptoworks	
			MTV NL	TV	DVB	3/4	Y 27.500 Cryptoworks	Dutch
D 11.262	H	SW	Puntosat	TV	DVB	3/4	27.500	Italian
D 11.262	H	SW	Radio Kiss Kiss Network	radio	DVB	3/4	27.500	Italian
D 11.283	V	SW	<u>Cyfra +</u>	package	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4	
			Reality TV Central Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			TVN 24	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			HBO 2 Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			National Geographic Channel Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish,Hungarian
			MTV Classic	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			HBO Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			Hallmark Channel East Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Animal Planet Poland	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Magazyn + promo	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			CNBC Europe	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 2.3/Viaccess 2.4	English
			Blues	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Muzyka Dance	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Wielkie standardy	radio	DVB	3/4	27.500 Mediaguard 2	
			Współczesny Pop	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Gorace Hiy	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Piosenki o miłości	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Hity z wykopem	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Muzyka Retro	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Trendy	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Klasyczny Rock	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Klasyka Rock & Rolla	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Rap	radio	DVB	3/4	27.500 Mediaguard 2	
			Alternatywa	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Hity lat 90	radio	DVB	3/4	27.500 Mediaguard 2	
			Klasyczny R&B	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			R&B Hip Hop	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Metal	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Trendy	radio	DVB	3/4	27.500 Mediaguard 2	
			Współczesny Pop	radio	DVB	3/4	27.500 Mediaguard 2	
			Gorace Hiy	radio	DVB	3/4	27.500 Mediaguard 2	
			Piosenki o miłości	radio	DVB	3/4	27.500 Mediaguard 2	
			Hity z wykopem	radio	DVB	3/4	27.500 Mediaguard 2	
			Muzyka Dance	radio	DVB	3/4	27.500 Mediaguard 2	
			Muzyka Retro	radio	DVB	3/4	27.500 Mediaguard 2	
			Alternatywa	radio	DVB	3/4	27.500 Mediaguard 2	
			Reggae	radio	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	
			Reggae	radio	DVB	3/4	27.500 Mediaguard 2	
			Hity lat 70	radio	DVB	3/4	27.500 Mediaguard 2	
			Hity lat 80	radio	DVB	3/4	27.500 Mediaguard 2	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC				
D 11.304	H	SW	Klasyka Rock & Rolla	radio	DVB	3/4	27.500	Mediaguard 2	
			Blues	radio	DVB	3/4	27.500	Mediaguard 2	
			Klasyczny R&B	radio	DVB	3/4	27.500	Mediaguard 2	
			R&B Hip Hop	radio	DVB	3/4	27.500	Mediaguard 2	
			Metal	radio	DVB	3/4	27.500	Mediaguard 2	
			Klasyczny Rock	radio	DVB	3/4	27.500	Mediaguard 2	
			<u>Telespazio</u>	package	DVB	3/4	27.500		
			Cubavisión Internacional	TV	DVB	3/4	27.500		Spanish
			TV Chile	TV	DVB	3/4	27.500		Spanish
			Defence TV	TV	DVB	3/4	27.500		Italian
			Mediterraneo Sat 2	TV	DVB	3/4	27.500		Italian
			TV Colombia	TV	DVB	3/4	27.500		Spanish
			Bethel TV	TV	DVB	3/4	27.500		Spanish
			Venevisión Continental	TV	DVB	3/4	27.500		Spanish
A 11.322	V	SW	TV 8 Mont Blanc	TV	DVB	3/4	27.500		French
			TV 5 Europe	TV	PAL	6.60	Y		French
			RMC Moyen-Orient	radio	PAL	7.92			French/Arabic
			RAI Uno	TV	PAL	6.60,7.02/7.20	Y		Italian
			RAI Radio 3	radio	PAL	7.56			Italian
			RAI Radio 1	radio	PAL	7.38			Italian
			RAI International 4	TV	DVB	7/8	4.400	RAS	Italian
			RAI International SatelRadio	radio	DVB	7/8	4.400	RAS	
			<u>Dfree</u>	package	DVB	2/3	27.500	Mediaguard 1/Mediaguard 2	
			Radio Italia TV	TV	DVB	2/3	27.500		Italian
			Italia 1	TV	DVB	2/3	Y 27.500	Mediaguard 1/Mediaguard 2	Italian
			Canale 5	TV	DVB	2/3	Y 27.500	Mediaguard 1/Mediaguard 2	Italian
			LCI	TV	DVB	2/3	27.500	Mediaguard 1/Mediaguard 2	French
			Sport Italia	TV	DVB	2/3	27.500	Mediaguard 1/Mediaguard 2	Italian
D 11.381	V	SW	Prima	TV	DVB	2/3	27.500		Italian
			Rete 4	TV	DVB	2/3	Y 27.500	Mediaguard 1/Mediaguard 2	Italian
			<u>Grupa ITI</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 1	
			TVN	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 1	Polish
			TVN 24	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 1	Polish
			TVN Siedem	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 1	Polish
			ITVN	TV	DVB	3/4	27.500	Conax	Polish
			Mango 24	TV	DVB	3/4	27.500		Polish
			TVN Meteo	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 1	Polish
			TVN Turbo	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 1	Polish
			TVN Style	TV	DVB	3/4	27.500		Polish
			<u>Polsat</u>	package	DVB	7/8	6.200		
			Polsat	TV	DVB	7/8	Y 6.200		Polish
			Polsat 2 International	TV	DVB	7/8	6.200		Polish
A 11.431	H	SW	TV 4	TV	PAL	6.60,7.02/7.20	Y		Polish
			RAI Due	TV	PAL	6.60,7.02/7.20	Y		Italian
			RAI International Hot Bird	radio	PAL	7.56			
			GR Parlamento	radio	PAL	7.74			Italian
			RAI Radio 2	radio	PAL	7.38			Italian
			RAI International 4	TV	DVB	7/8	4.400	RAS	Italian
			RAI International SatelRadio	radio	DVB	7/8	4.400		
			TV Polonia	TV	PAL	6.60,7.02/7.20	Y		Polish
			Radio Maryja	radio	PAL	7.92			Polish
			TVN	TV	PAL	6.60,7.02/7.20	Y		Polish
			<u>Cyfra +</u>	package	DVB	3/4	27.500	Mediaguard 2	
			Kino Polska	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Discovery Science	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			TVP 3 Regionalna	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish
D 11.464	V	SW	ITV	TV	DVB	3/4	Y 27.500		Polish
			BBC Prime	TV	DVB	3/4	Y 27.500	Mediaguard 2	English
			Discovery Travel & Adventure	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Discovery Civilisation	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Polonia 1	TV	DVB	3/4	Y 27.500		Polish
			Tele 5	TV	DVB	3/4	Y 27.500		Polish
			TV Polonia	TV	DVB	3/4	Y 27.500		Polish
			Cyfra + Gry	interactiv	DVB	3/4	27.500		
			Cyfra + Pogoda	interactiv	DVB	3/4	27.500		
			Magazyn +	interactiv	DVB	3/4	27.500		
			RAI Tre	TV	PAL	6.60,7.02/7.20	Y		Italian
			Radio Maria Italia	radio	PAL	7.74			Italian
			<u>Trinity Broadcasting</u>	package	DVB	3/4	27.500		
			TBN Europe	TV	DVB	3/4	27.500		English
			The Church Channel	TV	DVB	3/4	27.500		English
D 11.566	H	Europe	JCTV	TV	DVB	3/4	27.500		English
			Enlace TBN Europa	TV	DVB	3/4	27.500		Spanish
			TBN Italia	TV	DVB	3/4	27.500		Italian
			<u>GlobeCast World TV</u>	package	DVB	3/4	27.500		

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.604	H	Europe	Iran TV Network	TV	DVB	3/4	27.500	Farsi
			Tele Maja	TV	DVB	3/4	27.500	
			Daystar TV	TV	DVB	3/4	27.500	English
			Roj TV	TV	DVB	3/4	27.500	Kurdish
			NTD TV	TV	DVB	3/4	27.500	Chinese
			Maharishi Open University Europe	TV	DVB	3/4	27.500	
			PEN	TV	DVB	3/4	27.500	Farsi
			Omid-e-Iran	TV	DVB	3/4	27.500	Farsi
			Tapesht TV	TV	DVB	3/4	27.500	Farsi
			Jaam-e-Jam International	TV	DVB	3/4	27.500	Farsi
			IPN	TV	DVB	3/4	27.500	Farsi
			ITC	TV	DVB	3/4	27.500	English
			Podróże TV	TV	DVB	3/4	27.500	Polish
			Iranian Cinema Channel	TV	DVB	3/4	27.500	Farsi
			EWTN Europe	TV	DVB	3/4	27.500	English
			AssyriaSat	TV	DVB	3/4	27.500	
			Radio Azadegan	radio	DVB	3/4	27.500	Farsi
			<u>T-Systems</u>	package	DVB	5/6	27.500	
			TV NRW	TV	DVB	5/6	Y 27.500	German
			DW-TV	TV	DVB	5/6	27.500	German
			Viva Polska	TV	DVB	5/6	27.500	Polish
			Super RTL Schweiz	TV	DVB	5/6	Y 27.500	German
			Das Erste	TV	DVB	5/6	Y 27.500	German
			RTL 2 Schweiz	TV	DVB	5/6	Y 27.500	German
			DW-Radio 5	radio	DVB	5/6	27.500	
			DW-Radio 8	radio	DVB	5/6	27.500	
			DW-Radio 9	radio	DVB	5/6	27.500	
			JazzRadio	radio	DVB	5/6	27.500	German
			DW-Radio 6	radio	DVB	5/6	27.500	
			DW-Radio 2	radio	DVB	5/6	27.500	English
			DW-Radio 1	radio	DVB	5/6	27.500	German
			Hellas Live	radio	DVB	5/6	27.500	
			DW-Radio M	radio	DVB	5/6	27.500	
			DW-Radio 4	radio	DVB	5/6	27.500	
D 11.623	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	
			TVR International	TV	DVB	3/4	Y 27.500	Romanian
			TeleGenova	TV	DVB	3/4	27.500	Italian
			Channel Sun	TV	DVB	3/4	27.500	Korean
			123 Sat	TV	DVB	3/4	Y 27.500	Arabic
			Italia Club Sat	TV	DVB	3/4	27.500	Italian
			Canal Club	TV	DVB	3/4	27.500	French
			Hit Channel	TV	DVB	3/4	27.500	Italian
			Cartomanzia Lotto Sat	TV	DVB	3/4	27.500	Italian
			Sexy Sat TV 1	TV	DVB	3/4	27.500	
			RTL 102.5	radio	DVB	3/4	27.500	Italian
			România în direct	radio	DVB	3/4	27.500	Romanian
			Radio Romania International	radio	DVB	3/4	27.500	
			Open Radio					
			RadioClassica	radio	DVB	3/4	27.500	Italian
D 11.642	H	Europe	<u>Bloomberg TV</u>	package	DVB	3/4	27.500	
			Bloomberg TV France	TV	DVB	3/4	27.500	PowerVu
			Miracle	TV	DVB	3/4	27.500	Arabic
			Bloomberg TV UK	TV	DVB	3/4	27.500	English
			Bloomberg TV Deutschland	TV	DVB	3/4	27.500	German
			Bloomberg TV Italia	TV	DVB	3/4	27.500	PowerVu
			Bloomberg TV Europe	TV	DVB	3/4	27.500	English
D 11.662	V	Europe	<u>TPS</u>	package	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Multivision 6	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Multivision 7	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Multivision 5	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Multivision 4	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Multivision 3	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Multivision 2	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Multivision 1	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Multivision promo	TV	DVB	3/4	27.500	
			Multivision Interactif	interactiv	DVB	3/4	27.500	
D 11.681	H	Europe	<u>AB Sat</u>	package	DVB	3/4	27.500	Cryptoworks/Mediaguard 1/Mediaguard 2/Viaccess 2.3/2.4/2.5
			AB 1	TV	DVB	3/4	Y 27.500	Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5
			Escales	TV	DVB	3/4	Y 27.500	Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5
			Encyclopedia	TV	DVB	3/4	Y 27.500	Mediaguard 1/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5
			Mangas	TV	DVB	3/4	Y 27.500	Mediaguard 1/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
			RTL 9	TV	DVB	3/4	Y 27.500 Cryptoworks/Mediaguard 1/Mediaguard 2/Viaccess 2.3/2.4/2.5	French
			Action	TV	DVB	3/4	Y 27.500 Mediaguard 1/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			RFM TV	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	French
			Toute l'Histoire	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	French
			Musique Classique	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	French
			XXL	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	French
			Zik	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	French
			Chasse & Pêche	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	French
			AB Moteurs	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	French
			Animaux	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	French
D 11.727	V	W	<u>Vectone</u>	package	DVB	3/4	27.500	
			Vectone Bangla	TV	DVB	3/4	27.500	Bengali
			Vectone Tamil	TV	DVB	3/4	27.500	Tamil
			Vectone Urdu	TV	DVB	3/4	27.500	Urdu
			Vectone Hindi	TV	DVB	3/4	27.500	Hindi
D 11.747	H	W	<u>SamaCom</u>	package	DVB	3/4	27.500	
			PMC	TV	DVB	3/4	27.500	Farsi
			Nojoom	TV	DVB	3/4	27.500	Arabic
			Al Sharqiya TV	TV	DVB	3/4	27.500	Arabic
			Infinity	TV	DVB	3/4	27.500	Arabic
			Dubai TV Europe	TV	DVB	3/4	27.500	Arabic
			Dubai Sports Channel 2	TV	DVB	3/4	27.500	English,Arabic
			Dubai Business Channel	TV	DVB	3/4	27.500	
			Sawt al Asalah	radio	DVB	3/4	27.500	Arabic
D 11.766	V	W	<u>RAI</u>	package	DVB	2/3	27.500	
			RAI Edu 2	TV	DVB	2/3	27.500	Italian
			Senato Italiano	TV	DVB	2/3	27.500	Italian
			RAI Med	TV	DVB	2/3	27.500	Italian
			RAI Uno	TV	DVB	2/3	Y 27.500	Italian
			RAI Due	TV	DVB	2/3	Y 27.500	Italian
			RAI Tre	TV	DVB	2/3	Y 27.500	Italian
			RAI Notturno Italiano	radio	DVB	2/3	27.500	Italian
			FD Leggera	radio	DVB	2/3	27.500	Italian
D 11.785	H	W	<u>RTVE</u>	package	DVB	3/4	27.500	
			TVE Internacional Asia-Africa	TV	DVB	3/4	27.500	Spanish
			Canal Nostalgia	TV	DVB	3/4	27.500 BISS	Spanish
			Grandes Documentales	TV	DVB	3/4	27.500 BISS	Spanish
			Hispavisión					
			Canal Clásico	TV	DVB	3/4	27.500 BISS	Spanish
			TVE Internacional Europe	TV	DVB	3/4	Y 27.500	Spanish
			Canal 24 Horas	TV	DVB	3/4	Y 27.500	Spanish
			Tele Deporte	TV	DVB	3/4	27.500 BISS	Spanish
			RNE Radio 3	radio	DVB	3/4	27.500	Spanish
			RNE Ràdio 4	radio	DVB	3/4	27.500	Catalan
			RNE Radio 5 Todo Noticias	radio	DVB	3/4	27.500	Spanish
			RNE Radio Clásica	radio	DVB	3/4	27.500	Spanish
			RNE Radio 1	radio	DVB	3/4	27.500	Spanish
			REE - Radio Exterior de España	radio	DVB	3/4	27.500	
D 11.804	V	W	<u>RAI</u>	package	DVB	2/3	27.500	
			RAI News 24	TV	DVB	2/3	27.500	Italian
			Camera dei Deputati	TV	DVB	2/3	27.500	Italian
			RAI Doc	TV	DVB	2/3	27.500	Italian
			RAI Olimpia	TV	DVB	2/3	27.500	Italian
			RAI Nettuno Sat Uno	TV	DVB	2/3	27.500	Italian
			Sat 2000	TV	DVB	2/3	Y 27.500	Italian
			RAI Edu 1	TV	DVB	2/3	27.500	Italian
			RAI Nettuno Sat Due	TV	DVB	2/3	27.500	Italian
			RAI Sport Satellite	TV	DVB	2/3	27.500	Italian
			FD Auditorium	radio	DVB	2/3	27.500	Italian
			Radio InBlu	radio	DVB	2/3	27.500	Italian
			RAI Radio 3	radio	DVB	2/3	27.500	Italian
			RAI Radio 1	radio	DVB	2/3	27.500	Italian
			GR Parlamento	radio	DVB	2/3	27.500	Italian
			Isoradio	radio	DVB	2/3	27.500	Italian
			Radio Vaticana	radio	DVB	2/3	27.500	
			RAI Radio 2	radio	DVB	2/3	27.500	Italian
D 11.823	H	W	<u>Nova</u>	package	DVB	3/4	27.500 Irdeto 2	

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.843	V	S	ERT 5	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Star Channel	TV	DVB	3/4	Y 27.500 Irdeto 2	Greek
			Travel Channel	TV	DVB	3/4	27.500 Irdeto 2	English
			ERT 4	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Alter Channel	TV	DVB	3/4	27.500 Irdeto 2	Greek
			ANT 1	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Mega TV	TV	DVB	3/4	Y 27.500 Irdeto 2	Greek
			SuperSport Hellas	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Fox Kids Hellas	TV	DVB	3/4	27.500 Irdeto 2	Greek,English
			FilmNet	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Alpha TV	TV	DVB	3/4	27.500 Irdeto 2	Greek
			Ecclesia Radio	radio	DVB	3/4	27.500 Irdeto 2	Greek
			SKAÍ 100.3 FM	radio	DVB	3/4	27.500 Irdeto 2	Greek
			Melodia FM 99.2	radio	DVB	3/4	27.500 Irdeto 2	Greek
			Love Radio 97.5 FM	radio	DVB	3/4	27.500 Irdeto 2	Greek
			<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Sky Assist NDS	TV	DVB	3/4	27.500	Italian
			Jimmy	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Assist Goldbox	TV	DVB	3/4	27.500	Italian
			Planet	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Love Songs	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Ritmo Latino	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Frequenza Italia	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			New Country	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Country	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			French Hits	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Blues	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Modern Jazz	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Jazz	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Lirica	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			I Classici	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Easy Listening	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Alternative Rock	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Soul Classics	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Hit Parade	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Special Event	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Classic Rock	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Film & Shows	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Hard Rock	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Dance	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Hip Hop - R&B	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Chillout	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Gold	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Old Gold	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Soft Rock	radio	DVB	3/4	27.500 Mediaguard 2/Videoguard	
D 11.862	H	S	<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Discovery Science	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Discovery Travel & Adventure	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Fox News Channel	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	English
			Video Italia	TV	DVB	3/4	Y 27.500 Mediaguard 2/Videoguard	Italian
			Classica	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Discovery Civilisation	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			EuroSport Italia	TV	DVB	3/4	Y 27.500 Mediaguard 2/Videoguard	Italian
			Rock TV	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			EuroSport News Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 11.881	V	S	<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Alice	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Leonardo	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Nuvolari	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 11.900	H	S	Marco Polo	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			MTV Italia	TV	DVB	3/4	Y 27.500 Mediaguard 2/Videoguard	Italian
			MTV Hits Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			CFN/CNBC Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			MTV Brand New	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			DeeJay TV	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Happy Channel	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			MT Channel	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Italia Teen TV	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 11.919	V	W	Duel TV	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			<u>Mediaset</u>	package	DVB	2/3	27.500	
			Italia 1	TV	DVB	2/3	Y 27.500	Italian
			Canale 5	TV	DVB	2/3	Y 27.500	Italian
			Rete 4	TV	DVB	2/3	Y 27.500	Italian
			Radio Mater	radio	DVB	2/3	27.500	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.938	H	W	<u>Stellar DBS</u>	package	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	
			Nashe Kino	TV	DVB	3/4	27.500 Viaccess 2.4	Russian
			BHT 1	TV	DVB	3/4	27.500 Viaccess 2.5	Bosnian
			Detski Mir	TV	DVB	3/4	27.500 Viaccess 2.4	Russian
			RTV International	TV	DVB	3/4	27.500 Viaccess 2.4	Russian
			TeleKlub	TV	DVB	3/4	27.500 Viaccess 2.4	Russian
D 11.958	V	S	<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Sky Sport 1	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Sport 2	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Diretta Goal	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Disney Channel Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 11.977	H	S	<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Cult Network Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			CNBC Europe	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	English
			A1	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky News International	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	English
			Cartoon Network Italy	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Fox Kids Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Fox Life	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 11.996	V	S	<u>Sky Italia</u>	package	DVB	3/4	27.500	
			Sky On Air	TV	DVB	3/4	27.500	Italian
D 12.015	H	W	<u>Arabesque</u>	package	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	
			Nile Drama	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			ART Sports 2	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic,English
			ART Sports Champions 1	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic,English
			MBC Europe	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			Canal Algérie	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			Iqraa	TV	DVB	3/4	27.500	Arabic
			ART Sports 1	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic,English
			ART Sports Champions 2	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic,English
			LBC Europe	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			ART Hekayat	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			Rotana TV	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			ART Movie	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			ART Tarab	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			ART Teenz Europe	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			ART Europe	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			Future International	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			Radio Quran	radio	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			Program Two	radio	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			Program One	radio	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Arabic
			ART Al-Thekr	radio	DVB	3/4	27.500	Arabic
D 12.034	V	S	<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Sky Calcio 1	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			La 7	TV	DVB	3/4	Y 27.500 Mediaguard 2/Videoguard	Italian
			Discovery Channel Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Focus	TV	DVB	3/4	27.500	Italian
			Sky Cinema 3	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Cinema Autore	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Cinema 1	TV	DVB	3/4	Y 27.500 Mediaguard 2/Videoguard	Italian
			Sky Cinema Max	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 12.054	H	S	<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Bloomberg TV Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Inter Channel	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Milan Channel	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Sport 3	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			ESPN Classic Sport Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Match Music TV	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			BBC Prime	TV	DVB	3/4	Y 27.500 Mediaguard 2/Videoguard	English
D 12.073	V	S	<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Sky Prima Fila 30	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 24	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Calcio 2	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 29	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 28	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 27	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 26	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 25	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Calcio 3	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 12.092	H	W	<u>TSA</u>	package	DVB	3/4	27.500 Irdeto 2/Neotion SHL/Viaccess 2.3/Viaccess 2.4	
			Extasi TV	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2/Viaccess 2.4/Viaccess 2.5	
			Sexview Plus	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.4/Viaccess 2.5	
			Sex View	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.4/Viaccess 2.5	

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.		
				Digital	FEC					
D 12.111	V	W	Don't Panic TV	TV	DVB	3/4	27.500 Irdeto 2/Neotion SHL/Viaccess 2.4/Viaccess 2.5	Italian		
			Sex TV	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5	English,Spanish,French,Italian,Arabic,German,Greek,Portuguese		
			Italiasat	TV	DVB	3/4	27.500			
			Maharaji	TV	DVB	3/4	27.500			
			247 Sex TV	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.4/Viaccess 2.5			
			SCT - Satisfaction Channel TV	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2/Viaccess 2.4/Viaccess 2.5	Italian		
			Erotic TV promo	TV	DVB	3/4	27.500	Spanish		
			Sex Plus TV promo	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5			
			Sex Gay TV	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5			
			TV Locale	TV	DVB	3/4	Y 27.500			
			Sawt al-Islah Radio	radio	DVB	3/4	27.500	Arabic		
			Grandes éxitos	radio	DVB	3/4	27.500	Armenian		
			Canal latino	radio	DVB	3/4	27.500			
			Música ambiental	radio	DVB	3/4	27.500			
			Música joven	radio	DVB	3/4	27.500			
			Música romantica	radio	DVB	3/4	27.500			
			Música clásica	radio	DVB	3/4	27.500			
			Telespazio	package	DVB	3/4	27.500			
			Public TV of Armenia	TV	DVB	3/4	27.500			
			Made in Italy Channel	TV	DVB	3/4	27.500			
			Ceramicanda	TV	DVB	3/4	27.500			
			Al-Jazeera Satellite Channel	TV	DVB	3/4	27.500			
			UnoSat	TV	DVB	3/4	27.500			
			Coming Soon TV	TV	DVB	3/4	27.500			
			Mediterraneo Sat 1	TV	DVB	3/4	27.500			
			Gay TV	TV	DVB	3/4	Y 27.500			
			MRTV-3	TV	DVB	3/4	27.500			
			Bangkok Radio 94 FM	radio	DVB	3/4	27.500			
			Public Radio of Armenia	radio	DVB	3/4	27.500			
			Radio Maria Italia	radio	DVB	3/4	27.500			
			Vietnamese Public Radio 1	radio	DVB	3/4	27.500			
A 12.130	H	W	M2	TV	PAL	6.50,7.02/7.20	Y	Hungarian		
A 12.130	H	W	Bartók Rádió	radio	PAL	7.74/7.92		Hungarian		
D 12.149	V	W	Antenna Hungaria	package	DVB	3/4	27.500	Italian		
Tiziana Sat			TV	DVB	3/4	27.500				
Canal Algérie			TV	DVB	3/4	27.500	Arabic			
Lider TV			TV	DVB	3/4	27.500	Azerbaijan			
CaspioNet			TV	DVB	3/4	27.500	Arabic			
TV 7 Satellite			TV	DVB	3/4	Y 27.500				
Duna TV			TV	DVB	3/4	Y 27.500	Hungarian			
Thalitha TV			TV	DVB	3/4	27.500	Arabic			
Ecoradio			radio	DVB	3/4	27.500	Italian			
Kossuth Rádió AM			radio	DVB	3/4	27.500	Hungarian			
Petőfi Rádió			radio	DVB	3/4	27.500	Hungarian			
Tunisia National Radio			radio	DVB	3/4	27.500	Arabic			
Radio Tunis International			radio	DVB	3/4	27.500	Azerbaijan			
Radio Lider 107 FM			radio	DVB	3/4	27.500				
Rete Sport			radio	DVB	3/4	27.500				
Talk Radio			radio	DVB	3/4	27.500				
D 12.169			H	W	Nova	package	DVB	3/4	27.500 Irdeto 2	Greek
Kanali Voulis					TV	DVB	3/4	27.500		
ERT 6					TV	DVB	3/4	27.500 Irdeto 2	Greek	
ET 3					TV	DVB	3/4	Y 27.500 Irdeto 2	Greek	
NET					TV	DVB	3/4	Y 27.500 Irdeto 2	Greek	
Mad TV					TV	DVB	3/4	27.500 Irdeto 2	Greek	
CCTV 4					TV	DVB	3/4	27.500	Chinese	
TCM Europe					TV	DVB	3/4	27.500 Irdeto 2	English	
Cartoon Network UK					TV	DVB	3/4	27.500 Irdeto 2	English	
ERT 7					TV	DVB	3/4	27.500 Irdeto 2	Greek	
GBC - Greek Business Channel					TV	DVB	3/4	27.500 Irdeto 2	Greek	
Discovery Channel Europe					TV	DVB	3/4	27.500 Irdeto 2	English	
ET 1					TV	DVB	3/4	Y 27.500 Irdeto 2	Greek	
Erotiko					radio	DVB	3/4	27.500 Irdeto 2	Greek	
Entechno					radio	DVB	3/4	27.500 Irdeto 2		
Trito Programma	radio	DVB			3/4	27.500 Irdeto 2	Greek			
Deytero 103.7	radio	DVB			3/4	27.500 Irdeto 2	Greek			
World Best Sellers	radio	DVB			3/4	27.500 Irdeto 2	Greek			
Rebetiko	radio	DVB			3/4	27.500 Irdeto 2				
Pop - Laiko	radio	DVB			3/4	27.500 Irdeto 2	Greek			
ERA Spor 101.8	radio	DVB			3/4	27.500 Irdeto 2				
NET 105.8	radio	DVB			3/4	27.500 Irdeto 2	Greek			
D 12.188	V	W			OTE	package	DVB	3/4	27.500	

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 12.207	H	W	OTE promo	TV	DVB	3/4	27.500	Greek
			Magic Peiraia	TV	DVB	3/4	27.500	Greek
			Extra Channel 3	TV	DVB	3/4	27.500	Greek
			MKTv Sat	TV	DVB	3/4	27.500	Macedonian
			Holidays in Greece Channel	TV	DVB	3/4	27.500	Greek,English
			Smart Channel	TV	DVB	3/4	Y 27.500	Greek
			ERT Sat	TV	DVB	3/4	Y 27.500	Greek
			Tele Asty	TV	DVB	3/4	27.500	Greek
			RTS Sat	TV	DVB	3/4	27.500	Serbian
			Best 92.6	radio	DVB	3/4	27.500	Greek
			Rock FM 96.9	radio	DVB	3/4	27.500	Greek
			Super Star	radio	DVB	3/4	27.500	Greek
			Radio Sfera	radio	DVB	3/4	27.500	Greek
			Radio Greece	radio	DVB	3/4	27.500	Greek
			Nitro Radio	radio	DVB	3/4	27.500	Greek
			Flash 96	radio	DVB	3/4	27.500	Greek
			Kiss FM 92.9	radio	DVB	3/4	27.500	Greek
			SuperSport FM 94.6	radio	DVB	3/4	27.500	Greek
			Peiraiki Ekklesia 91.2 FM	radio	DVB	3/4	27.500	Greek
			Radio Asty	radio	DVB	3/4	27.500	Greek
			NSR - Network Satellite Radio	radio	DVB	3/4	27.500	Greek
			Radio Gold	radio	DVB	3/4	27.500	Greek
			Radio Thessaloniki	radio	DVB	3/4	27.500	Greek
			Radio Beograd 1	radio	DVB	3/4	27.500	Serbian
			Erotikos 9.48	radio	DVB	3/4	27.500	Greek
			Rock Radio	radio	DVB	3/4	27.500	Greek
			Alpha Radio 98.9	radio	DVB	3/4	27.500	Greek
			Athina 98.3 FM	radio	DVB	3/4	27.500	Greek
			<u>RR Satellite Communications</u>	package	DVB	3/4	27.500	
			Thai TV Global Network	TV	DVB	3/4	27.500	Thai
			VTV 4	TV	DVB	3/4	27.500	Vietnamese
			Music Box Italia	TV	DVB	3/4	27.500	Italian
			Arirang TV World 1	TV	DVB	3/4	27.500	Korean
			TCT World	TV	DVB	3/4	27.500	English
			CNL	TV	DVB	3/4	27.500	Russian
			BK TV Sat	TV	DVB	3/4	27.500	Serbian
			STN TV	TV	DVB	3/4	27.500	
			Free-XTV	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5	French
			Asianet	TV	DVB	3/4	27.500	
			X-Dream TV	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5	
			Back Room	TV	DVB	3/4	27.500 Irdeto 2/Viaccess 2.5	
			IBA Channel 33	TV	DVB	3/4	27.500	Hebrew
			Indiavision	TV	DVB	3/4	27.500	Malayalam
			Kairali Channel	TV	DVB	3/4	27.500	Malayalam
			Red Light TV promo	TV	DVB	3/4	27.500	
			Swiss Music Radio	radio	DVB	3/4	27.500	German
			The Overcomer	radio	DVB	3/4	27.500	English
			STN Radio	radio	DVB	3/4	27.500	Somali
			Bangkok Radio 94 FM	radio	DVB	3/4	27.500	Thai
			Voice of Vietnam	radio	DVB	3/4	27.500	
			Reshet Aleph	radio	DVB	3/4	27.500	Hebrew
D 12.226	V	W	Israel Radio International	radio	DVB	3/4	27.500	
			<u>WorldNet</u>	package	DVB	3/4	27.500	
			WorldNet Europe	TV	DVB	3/4	27.500	English
			WorldNet	TV	DVB	3/4	27.500	English,Arabic
			WorldNet Persian TV	TV	DVB	3/4	27.500	
			VoA News Now	radio	DVB	3/4	27.500	English
			Radio Sawa Levant	radio	DVB	3/4	27.500	Arabic
			Radio Sawa Africa	radio	DVB	3/4	27.500	Arabic
			Radio Sawa Gulf	radio	DVB	3/4	27.500	Arabic
			Radio Sawa Egypt	radio	DVB	3/4	27.500	Arabic
			Radio Sawa Iraq	radio	DVB	3/4	27.500	Arabic
			VoA Eastern Europe	radio	DVB	3/4	27.500	
			IBB Pristina	radio	DVB	3/4	27.500	
			VoA Music Mix	radio	DVB	3/4	27.500	English
			RFE/Radio Liberty	radio	DVB	3/4	27.500	Russian,Armenian,Belarussian,Bulgarian,Kyrgyz
			Voice of America	radio	DVB	3/4	27.500	Russian,Ukrainian,Georgian,Bulgarian,Albanian,Kyrgyz
D 12.245	H	W	Radio Farda	radio	DVB	3/4	27.500	Farsi
			<u>GlobeCast</u>	package	DVB	3/4	27.500 Mediaguard 1/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	
			Sexy Sat TV 2	TV	DVB	3/4	27.500	
			Tamil TV Network	TV	DVB	3/4	27.500 Viaccess 2.4	Tamil
			Al-Islah TV	TV	DVB	3/4	27.500	Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 12.265	V	W	Mezzo	TV	DVB	3/4	27.500 Mediaguard 1/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	French
			MCM Top	TV	DVB	3/4	27.500 Mediaguard 1/Viaccess 2.3	French
			CFI Peco Pro	TV	DVB	3/4	27.500 Viaccess 2.3	French
			Gourmet TV	TV	DVB	3/4	27.500 Viaccess 2.3/Viaccess 2.4	French
			Fashion TV	TV	DVB	3/4	27.500	French
			Radio Orient	radio	DVB	3/4	27.500	Arabic
			Hit Mix FM	radio	DVB	3/4	27.500	German
			Grand Radio Paris	radio	DVB	3/4	27.500	Serbian
			RCF - Radio Chrétiennes en France	radio	DVB	3/4	27.500	French
			Radio 2000	radio	DVB	3/4	27.500	Hebrew
			IBC Tamil Radio	radio	DVB	3/4	27.500	Tamil
			DCTV - DaimlerChrysler TV	TV	DVB	3/4	27.500	English,Italian,Turkish,German,Spanish,French,Portuguese
			902 Tileorasi	TV	DVB	3/4	27.500	Greek
			902 Aristera Sta FM	radio	DVB	3/4	27.500	Greek
			<u>RTV Slovenija</u>	package	DVB	3/4	27.500	
			Italian Music Channel	TV	DVB	3/4	27.500	Italian
			Magic TV	TV	DVB	3/4	27.500	Italian
			Dance TV	TV	DVB	3/4	27.500	Italian
			Napoli music	TV	DVB	3/4	27.500	Italian
			Sat 8	TV	DVB	3/4	27.500	Italian
			NTV Hayat Sat	TV	DVB	3/4	27.500 Viaccess 2.4	Bosnian
			Oasi TV	TV	DVB	3/4	27.500	Italian
			Napoli International	TV	DVB	3/4	27.500	Italian
D 12.322	H	W	Count Down TV	TV	DVB	3/4	27.500	Italian
			Pleasure TV	TV	DVB	3/4	27.500	Italian
			BVN TV	TV	DVB	3/4	27.500	Dutch
			TV Slovenija 2	TV	DVB	3/4	Y 27.500	Slovenian
			TV Slovenija 1	TV	DVB	3/4	Y 27.500	Slovenian
			Blu Line TV	TV	DVB	3/4	27.500	Italian
			RNW 1	radio	DVB	3/4	27.500	Dutch
			Radio Ognjisce	radio	DVB	3/4	27.500	Slovenian
			Radio Capodistria	radio	DVB	3/4	27.500	Italian
			Radio Slovenija International	radio	DVB	3/4	27.500	Slovenian
			Ars	radio	DVB	3/4	27.500	Slovenian
			Val 202	radio	DVB	3/4	27.500	Slovenian
			A1	radio	DVB	3/4	27.500	Slovenian
			RNW 2	radio	DVB	3/4	27.500	English
			Radio Stari Grad	radio	DVB	3/4	27.500	Bosnian
			<u>Cyfrowy Polsat</u>	package	DVB	3/4	27.500 Nagravision 1	
			AXN Central Europe	TV	DVB	3/4	Y 27.500 Nagravision 1	Hungarian,Polish
			CNN International Europe	TV	DVB	3/4	Y 27.500 Nagravision 1	English
			Polsat Zdrowie i uroda	TV	DVB	3/4	27.500	Polish
			Kino Polska	TV	DVB	3/4	27.500 Nagravision 1	Polish
			TV Puls	TV	DVB	3/4	27.500	Polish
			Playboy TV UK	TV	DVB	3/4	27.500 Nagravision 1	English
D 12.341	V	S	Animal Planet Poland	TV	DVB	3/4	27.500 Nagravision 1	Polish
			Discovery Channel Poland	TV	DVB	3/4	27.500 Nagravision 1	Polish
			Fox Kids Polska	TV	DVB	3/4	27.500 Nagravision 1	Polish
			Polsat 2 International	TV	DVB	3/4	27.500 Nagravision 1	Polish
			TV 4	TV	DVB	3/4	Y 27.500 Nagravision 1	Polish
			Polsat	TV	DVB	3/4	Y 27.500 Nagravision 1	Polish
			Polsat	TV	DVB	3/4	27.500 Nagravision 1	Polish
			<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Sky Prima Fila 10	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Calcio 9	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 5	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 9	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 6	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 8	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 7	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			<u>Cyfrowy Polsat</u>	package	DVB	3/4	27.500 Nagravision 1	
			Pilot TV	TV	DVB	3/4	27.500	Polish
			Polsat Zdrowie i uroda	TV	DVB	3/4	27.500 Nagravision 1	Polish
			Travel Channel	TV	DVB	3/4	27.500 Nagravision 1	Polish,English,Russian
			Discovery Civilisation	TV	DVB	3/4	27.500 Nagravision 1	Polish
			Discovery Science	TV	DVB	3/4	27.500 Nagravision 1	Polish
			Reality TV Central Europe	TV	DVB	3/4	27.500 Nagravision 1	Polish
D 12.360	H	W	TeleUnivrsytet	TV	DVB	3/4	27.500 Nagravision 1	Polish
			Club Central Europe	TV	DVB	3/4	27.500 Nagravision 1	Polish
			Europa Europa Polonia	TV	DVB	3/4	27.500 Nagravision 1	Polish
			TCM Central Europe	TV	DVB	3/4	27.500 Nagravision 1	
			Cartoon Network Polska	TV	DVB	3/4	27.500 Nagravision 1	

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.				
				Digital	FEC							
D 12.380	V	W	Polsat Sport	TV	DVB	3/4	27.500	Nagravision 1	Polish			
			Polskie Radio 1	radio	DVB	3/4	27.500		Polish			
			RMF FM	radio	DVB	3/4	27.500	Nagravision 1	Polish			
			Radio Plus	radio	DVB	3/4	27.500	Nagravision 1	Polish			
			Radio Polonia	radio	DVB	3/4	27.500		Polish			
			Trójka	radio	DVB	3/4	27.500		Polish			
			RMF FM	radio	DVB	3/4	27.500		Polish			
			RMF Classic	radio	DVB	3/4	27.500	Nagravision 1	Polish			
			E-Mail	interactiv	DVB	3/4	27.500	Nagravision 1				
			TV Banking	interactiv	DVB	3/4	27.500	Nagravision 1				
			Pogoda	interactiv	DVB	3/4	27.500	Nagravision 1				
			Portal ITV	interactiv	DVB	3/4	27.500	Nagravision 1				
			GlobeCast	package	DVB	3/4	27.500					
			Equidia Pro 1	TV	DVB	3/4	27.500	Mediaguard 1	French			
			Equidia Pro 3	TV	DVB	3/4	27.500	Mediaguard 1	French			
			Jordan Satellite Channel	TV	DVB	3/4	27.500		Arabic			
			Yemen Satellite TV	TV	DVB	3/4	27.500		Arabic			
			Telepace	TV	DVB	3/4	27.500		Italian			
			Abu Dhabi TV Europe	TV	DVB	3/4	27.500		Arabic			
			Sat 7	TV	DVB	3/4	27.500		Arabic			
			Syria Satellite Channel	TV	DVB	3/4	27.500		Arabic			
			TV Montenegro	TV	DVB	3/4	27.500		Serbian			
			Radio Dimensione Suono	radio	DVB	3/4	27.500		Italian			
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500		Arabic			
			Radio Montenegro	radio	DVB	3/4	27.500		Serbian			
			Kol Haneshama	radio	DVB	3/4	27.500		Hebrew			
			Radio Sout Al-Sha'ab	radio	DVB	3/4	27.500		Arabic			
			Thollon	radio	DVB	3/4	27.500		French			
			Sana'a Radio	radio	DVB	3/4	27.500		Arabic			
			ABC Tamil Oli	radio	DVB	3/4	27.500		Tamil			
			TWR - Trans World Radio	radio	DVB	3/4	27.500					
			Radio Vaticana Telepace	radio	DVB	3/4	27.500					
			Aden Radio	radio	DVB	3/4	27.500		Arabic			
			Emarat FM	radio	DVB	3/4	27.500		Arabic			
D 12.399	H	W	SBC	package	DVB	3/4	27.500	Viaccess 2.3				
			TSR 2	TV	DVB	3/4	Y 27.500	Viaccess 2.3	French			
			SF 2	TV	DVB	3/4	Y 27.500	Viaccess 2.3	German			
			TSI 2	TV	DVB	3/4	Y 27.500	Viaccess 2.3	Italian			
			TSR 1	TV	DVB	3/4	Y 27.500	Viaccess 2.3	French			
			SF Info	TV	DVB	3/4	Y 27.500		German			
			SF 1	TV	DVB	3/4	Y 27.500	Viaccess 2.3	German			
			TSI 1	TV	DVB	3/4	Y 27.500	Viaccess 2.3	Italian			
			RSR Espace 2	radio	DVB	3/4	27.500		French			
			SRI International	radio	DVB	3/4	27.500					
			Radio Swiss Jazz	radio	DVB	3/4	27.500					
			Radio Swiss Pop	radio	DVB	3/4	27.500					
			Radio Swiss Classic	radio	DVB	3/4	27.500					
			RSI Rete Tre	radio	DVB	3/4	27.500		Italian			
			RSI Rete Due	radio	DVB	3/4	27.500		Italian			
			RSI Rete Uno	radio	DVB	3/4	27.500		Italian			
			Couleur 3	radio	DVB	3/4	27.500		French			
			RSR La Première	radio	DVB	3/4	27.500		French			
			Radio Rumantsch	radio	DVB	3/4	27.500					
			Musigwälle 531	radio	DVB	3/4	27.500		German			
			Virus	radio	DVB	3/4	27.500		German			
			DRS 3	radio	DVB	3/4	27.500		German			
			DRS 2	radio	DVB	3/4	27.500		German			
			DRS 1	radio	DVB	3/4	27.500		German			
			RSR Option Musique	radio	DVB	3/4	27.500		French			
			D 12.418	V	S	Sky Italia	package	DVB	3/4	27.500	Mediaguard 2/Videoguard	
						Sky Cinema 2	TV	DVB	3/4	27.500	Mediaguard 2/Videoguard	Italian
						RAISat Gambero Rosso	TV	DVB	3/4	27.500	Mediaguard 2/Videoguard	
						Sky Cinema 16:9	TV	DVB	3/4	27.500	Mediaguard 2/Videoguard	Italian
						CNN International Europe	TV	DVB	3/4	27.500	Mediaguard 2/Videoguard	English
						RAISat Cinema World	TV	DVB	3/4	27.500	Mediaguard 2/Videoguard	Italian
						RAISat Premium	TV	DVB	3/4	27.500	Mediaguard 2/Videoguard	Italian
						RAISat Extra	TV	DVB	3/4	27.500	Mediaguard 2/Videoguard	Italian
						RAISat Ragazzi	TV	DVB	3/4	27.500	Mediaguard 2/Videoguard	Italian
D 12.437	H	W	IRIB	package	DVB	3/4	27.500					
			Jame-Jam TV Network 1	TV	DVB	3/4	27.500		Farsi,English			
			Jame-Jam TV Network 2	TV	DVB	3/4	27.500		Farsi,English			
			Sahar Universal Network 1	TV	DVB	3/4	27.500		Arabic			
			Sahar Universal Network 2	TV	DVB	3/4	27.500					
			IRINN - Iranian News Network	TV	DVB	3/4	27.500		Farsi			
			Alalam News Channel	TV	DVB	3/4	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 12.460	V	W	IRIB Radio 1	radio	DVB	3/4	27.500	Farsi
			Voice of the Mojahedin	radio	DVB	3/4	27.500	Arabic
			IRIB World Service Radio 5	radio	DVB	3/4	27.500	Farsi
			Radio Quran	radio	DVB	3/4	27.500	
			IRIB World Service Radio 4	radio	DVB	3/4	27.500	Arabic
			IRIB World Service Radio 2	radio	DVB	3/4	27.500	
			IRIB World Service Radio 1	radio	DVB	3/4	27.500	Arabic
			IRIB World Service Radio 3	radio	DVB	3/4	27.500	
			IRIB Arabic Radio	radio	DVB	3/4	27.500	Arabic
			Hallmark Channel	package	DVB	3/4	27.500 PowerVu	
			Hallmark Channel East Europe	TV	DVB	3/4	27.500 PowerVu	Polish,Hungarian
			Hallmark Channel Turkey	TV	DVB	3/4	27.500 PowerVu	Turkish
			Hallmark Channel Czech Republic	TV	DVB	3/4	27.500 PowerVu	Czech
			Hallmark Channel UK	TV	DVB	3/4	27.500 PowerVu	English
			Hallmark Channel Russia & Middle East	TV	DVB	3/4	27.500 PowerVu	Russian
			Hallmark Channel Spain & Portugal	TV	DVB	3/4	27.500 PowerVu	Spanish
			Hallmark Channel Central Europe	TV	DVB	3/4	27.500 PowerVu	Polish,Hungarian
			Hallmark Channel Scandilux	TV	DVB	3/4	27.500 PowerVu	English
			Belgacom	package	DVB	3/4	27.500	Punjabi
			Alpha ETC Punjabi	TV	DVB	3/4	27.500 Irdeto 2	
D 12.476	H	W	2M Maroc	TV	DVB	3/4	27.500	Arabic
			Zee Cinema UK	TV	DVB	3/4	27.500 Irdeto 2	Hindi
			Zee TV Europe	TV	DVB	3/4	Y 27.500 Irdeto 2	Hindi
			Mezopotamya TV	TV	DVB	3/4	27.500	Kurdish
			EbS - Europe by Satellite	TV	DVB	3/4	27.500	English,French,German,Italian,Spanish,Greek,Portuguese,Dutch,Danish,Finnish,Swedish,Czech,Estonian
			Xstream	TV	DVB	3/4	27.500	Hindi
			B4U Movies UK	TV	DVB	3/4	27.500 Irdeto 2	
			ARY Digital UK	TV	DVB	3/4	27.500 Irdeto 2	Urdu
			Top Two	radio	DVB	3/4	27.500	German
			Al-Mahabba Radio	radio	DVB	3/4	27.500	Arabic
			Family Radio International 2	radio	DVB	3/4	27.500	French
			Radio Framboise	radio	DVB	3/4	27.500 BISS	
			Family Radio International 1	radio	DVB	3/4	27.500	English
			Family Radio	radio	DVB	3/4	27.500	
			Radio 74	radio	DVB	3/4	27.500	English
			RVI 2	radio	DVB	3/4	27.500	Dutch
			RVI 1	radio	DVB	3/4	27.500	
			Mezopotamya Radio	radio	DVB	3/4	27.500	Kurdish
			Radio 2M	radio	DVB	3/4	27.500	German
			Radio Eviva	radio	DVB	3/4	27.500	
D 12.520	V	Europe	Amitie 74	radio	DVB	3/4	27.500	Croatian
			QIV	package	DVB	3/4	27.500	
			HRT Satelitski Program	TV	DVB	3/4	Y 27.500	Italian
			Puglia Channel	TV	DVB	3/4	Y 27.500	Italian
			SET	TV	DVB	3/4	27.500	Croatian
			HRT 2	TV	DVB	3/4	Y 27.500 Viaccess 2.5	
			HRT 1	TV	DVB	3/4	Y 27.500	Croatian
			HRT Plus	TV	DVB	3/4	Y 27.500 Viaccess 2.5	Croatian
			Sardegna Uno Sat	TV	DVB	3/4	27.500	Italian
			BBC World Service Europe	radio	DVB	3/4	27.500 Viaccess 2.5	English
			Radio Koprivnica	radio	DVB	3/4	27.500	Croatian
			Radio 101	radio	DVB	3/4	27.500	Croatian
			Glas Hrvatske	radio	DVB	3/4	27.500	Croatian
			HR 3	radio	DVB	3/4	27.500	Croatian
			HR 2	radio	DVB	3/4	27.500	Croatian
			Otvoreni Radio	radio	DVB	3/4	27.500	Croatian
			Narodni Radio	radio	DVB	3/4	27.500	Croatian
			Mediaservis	radio	DVB	3/4	27.500 Viaccess 2.5	Croatian
			Radio Mir Medjugorje	radio	DVB	3/4	27.500	Croatian
			HR 1	radio	DVB	3/4	27.500	Croatian
D 12.539	H	Europe	Eutelsat Skyplex	package	DVB	3/4	27.500	Italian
			Mediolanum Channel	TV	DVB	3/4	Y 27.500	
			OpenSky promo	TV	DVB	3/4	27.500	Bulgarian
			TV Bulgaria	TV	DVB	3/4	27.500	
			Nile News	TV	DVB	3/4	27.500	Arabic
			Nile TV International	TV	DVB	3/4	27.500	Arabic
			Iza'at Al-Sharq Al-Awsat	radio	DVB	3/4	27.500	
			Radio Cairo Al Mowaghat 8	radio	DVB	3/4	27.500	Bulgarian
			Horizont	radio	DVB	3/4	27.500	
D 12.558	V	Europe	SkyGate	package	DVB	3/4	27.500	English,Greek,Dutch,Polish,Russian,Portuguese,Romanian,Czech,Hungarian,Spanish
			EuroSport	TV	DVB	3/4	Y 27.500 Irdeto 2/Mediaguard 2/Viaccess 2.3/Viaccess 2.4	

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 12.577	H	Europe	24 ore	TV	DVB	3/4	27.500	Italian
			EuroSport News	TV	DVB	3/4	Y 27.500 Irdeto 2/Mediaguard 2/Viaccess 2.3/Viaccess 2.4/2.5	English,Polish,Russian
			Tele Padre Pio	TV	DVB	3/4	27.500	Italian
			Radio 24	radio	DVB	3/4	27.500	Italian
			GlobeCast	package	DVB	3/4	27.500 Irdeto 1/Neotion SHL/Viaccess 2.3	
			Full-X 1	TV	DVB	3/4	27.500 Neotion SHL	
			Zalea TV	TV	DVB	3/4	27.500	French
			EuroSport News	TV	DVB	3/4	27.500 Viaccess 2.3	English
			Liberty TV	TV	DVB	3/4	27.500	French
			Full-X 2	TV	DVB	3/4	27.500 Neotion SHL	
			Pink Extra	TV	DVB	3/4	27.500 Irdeto 1	Serbian
			Pink Plus	TV	DVB	3/4	27.500 Irdeto 1	Serbian
			Fashion TV	TV	DVB	3/4	27.500	
			The Hope Channel	TV	DVB	3/4	27.500	English
			Radio Pink	radio	DVB	3/4	27.500 Irdeto 1	Serbian
			Kiss Radio München	radio	DVB	3/4	27.500	Serbian
			Hit Radio Balkan	radio	DVB	3/4	27.500	Serbian
			Radio Al-Tajdeed	radio	DVB	3/4	27.500	Arabic
			GlobeCast	package	DVB	3/4	27.500	
D 12.597	V	Europe	Perviy kanal Vsemirnaya setj	TV	DVB	3/4	27.500	Russian
			EuroNews	TV	DVB	3/4	27.500	French,English,German,Italian,Spanish,Portuguese,Russian
			JSTV promo	TV	DVB	3/4	27.500 Cryptoworks	Japanese,English
			CNN International Europe	TV	DVB	3/4	Y 27.500 Irdeto 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	English
			BBC World	TV	DVB	3/4	Y 27.500	English
			Al Arabiya	TV	DVB	3/4	27.500	Arabic
			JSTV - Japan Satellite TV	TV	DVB	3/4	27.500 Cryptoworks	Japanese,English
			WRN English Europe	radio	DVB	3/4	27.500	English
			WRN Deutsch	radio	DVB	3/4	27.500	German
			WRN Multilingual Africa & Middle East	radio	DVB	3/4	27.500	
			WRN English Africa & Middle East	radio	DVB	3/4	27.500	English
			TBC London	radio	DVB	3/4	27.500	Tamil
			Radio Sweden	radio	DVB	3/4	27.500	
			RTÉ Radio 1	radio	DVB	3/4	27.500	English
			RCI 1	radio	DVB	3/4	27.500	English
			RCI 2	radio	DVB	3/4	27.500	French
			Sawt al-Islah Radio	radio	DVB	3/4	27.500	Arabic
			RCI 3	radio	DVB	3/4	27.500	
			Holiday FM	radio	DVB	3/4	27.500	English
			WRN Français	radio	DVB	3/4	27.500	French
D 12.616	H	S	MBC FM	radio	DVB	3/4	27.500	Arabic
			VT Group promo	radio	DVB	3/4	27.500	
			Assalam Radio	radio	DVB	3/4	27.500	Arabic
			AWR	radio	DVB	3/4	27.500	
			AWR 1	radio	DVB	3/4	27.500	
			Ylesat 1	radio	DVB	3/4	27.500	
			Ylesat 2	radio	DVB	3/4	27.500	
			WRN Russkij	radio	DVB	3/4	27.500	Russian
			CNN Radio	radio	DVB	3/4	27.500 Irdeto 2/Viaccess 2.3/Viaccess 2.4/Viaccess 2.5	English
			Sky Italia	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Sky Prima Fila 22	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 21	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 20	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 4	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 3	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 2	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila promo	TV	DVB	3/4	27.500	Italian
			Sky Prima Fila 23	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 1	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 12.635	V	S	Sky Italia	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Sky Prima Fila 12	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 13	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 14	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 15	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 16	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 17	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 18	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 19	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky Prima Fila 11	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
D 12.654	H	W	Arabsat	package	DVB	3/4	27.500	
			Qatar TV	TV	DVB	3/4	27.500	Arabic
			ESC 1	TV	DVB	3/4	27.500	Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 12.673	V	W	Oman TV Satellite	TV	DVB	3/4	27.500	Arabic
			Sudan TV	TV	DVB	3/4	27.500	Arabic
			Jamahiriya Satellite Channel	TV	DVB	3/4	27.500	Arabic
			Saudi Arabian TV 1 Satellite	TV	DVB	3/4	27.500	Arabic
			Sharjah TV	TV	DVB	3/4	27.500	Arabic
			Al-Manar TV	TV	DVB	3/4	27.500	Arabic
			Kuwait Space Channel	TV	DVB	3/4	27.500	Arabic
			Al-Nour Radio	radio	DVB	3/4	27.500	Arabic
			Main Arabic	radio	DVB	3/4	27.500	Arabic
			Radio Oman	radio	DVB	3/4	27.500	Arabic
			Sharjah FM	radio	DVB	3/4	27.500	Arabic
			Qatar Radio	radio	DVB	3/4	27.500	Arabic
			Youth Program	radio	DVB	3/4	27.500	Arabic
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500	Arabic
			Sout Al-Arab	radio	DVB	3/4	27.500	Arabic
			Radio Oman FM	radio	DVB	3/4	27.500	English
			Radio Omdurman Holy Koran	radio	DVB	3/4	27.500	Arabic
			Sudan Radio	radio	DVB	3/4	27.500	Arabic
			Modern Arabic Music 103.7 FM	radio	DVB	3/4	27.500	Arabic
			Radio Quran	radio	DVB	3/4	27.500	Arabic
			Program One	radio	DVB	3/4	27.500	Arabic
			El-Quran El-Karim	radio	DVB	3/4	27.500	Arabic
			Telespazio	package	DVB	3/4	27.500	
			3ABN	TV	DVB	3/4	27.500	English
			Playlist Italia	TV	DVB	3/4	Y 27.500	Italian
			E-TV	TV	DVB	3/4	27.500	English, Italian
			Telemarket	TV	DVB	3/4	27.500	Italian
			Game Network Europe	TV	DVB	3/4	27.500	Italian
			Studio Europa	TV	DVB	3/4	27.500	Italian
			Emi Li TV	TV	DVB	3/4	27.500	Italian
			TV Moda	TV	DVB	3/4	27.500	Italian
			Radio Radio	radio	DVB	3/4	27.500	Italian
			Radio Radicale	radio	DVB	3/4	27.500	Italian
			Radio Padania Libera	radio	DVB	3/4	27.500	Italian
			Radio Zeta	radio	DVB	3/4	27.500	Italian
			Radio Kolbe	radio	DVB	3/4	27.500	Italian
			Radio Sport Network	radio	DVB	3/4	27.500	Italian
			Radio Padre Pio	radio	DVB	3/4	27.500	Italian
			Kanal Melodia	radio	DVB	3/4	27.500	Russian
			Radio EuroSpin	radio	DVB	3/4	27.500	Italian
			Radio Italia Anni '60	radio	DVB	3/4	27.500	Italian
			LifeGate Radio	radio	DVB	3/4	27.500	Italian
			Bangkok Radio 94 FM	radio	DVB	3/4	27.500	Thai
			Radio Speranza	radio	DVB	3/4	27.500	Italian
			Radio Maria Italia	radio	DVB	3/4	27.500	Italian
			TR Buonconsiglio	radio	DVB	3/4	27.500	Italian
			Radio GS	radio	DVB	3/4	27.500	Italian
			Radio Italia	radio	DVB	3/4	27.500	Italian
			3ABN Radio	radio	DVB	3/4	27.500	English
			Radio Popolare	radio	DVB	3/4	27.500	Italian
			DiscoRadio	radio	DVB	3/4	27.500	Italian
			Radio Via Montnapoleone	radio	DVB	3/4	27.500	Italian
D 12.692	H	W	Ciné FX	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.5	French
D 12.692	H	W	DAN Music	TV	DVB	3/4	27.500	
D 12.692	H	W	AB Sat Passions promo	TV	DVB	3/4	Y 27.500	French
D 12.692	H	W	Onyx TV	TV	DVB	3/4	Y 27.500	German
D 12.692	H	W	Ciné Box	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.5	French
D 12.692	H	W	Ciné Polar	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.5	French
D 12.692	H	W	AB Sat promo	TV	DVB	3/4	Y 27.500	French
D 12.692	H	W	XXL promo	TV	DVB	3/4	Y 27.500	French
D 12.692	H	W	Jaya TV	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Tamil
D 12.692	H	W	Raj TV	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Tamil
D 12.692	H	W	Tamil Ozhi	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Tamil
D 12.692	H	W	DAN Cinema	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	
D 12.692	H	W	Ceylon TV	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Sinhalese
D 12.692	H	W	Ciné Comic	TV	DVB	3/4	Y 27.500 Mediaguard 1/Mediaguard 2/Viaccess 2.3/Viaccess 2.5	French
D 12.692	H	W	New Hit	radio	DVB	3/4	27.500	French
D 12.692	H	W	WR&B	radio	DVB	3/4	27.500	French
D 12.692	H	W	Jazzy Love	radio	DVB	3/4	27.500	French
D 12.692	H	W	Tamil Allai	radio	DVB	3/4	27.500	Tamil
D 12.713	V	S	Sky Italia	package	DVB	3/4	27.500	
			Sky Meteo 24	TV	DVB	3/4	27.500	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 12.731	H	S	SNAI Sat	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Sky TG 24	TV	DVB	3/4	27.500	Italian
			<u>Sky Italia</u>	package	DVB	3/4	27.500 Mediaguard 2/Videoguard	
			Boomerang Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Fox Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Fox Kids Italia +1	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Cartoon Network Italy +1	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Studio Universal	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			Roma Channel	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			National Geographic Channel Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian
			The History Channel Italia	TV	DVB	3/4	27.500 Mediaguard 2/Videoguard	Italian

EUROBIRD 1 (28.5°EAST)

D 11.222	H	NW Europe	<u>Sky Digital</u>	package	DVB	2/3	27.500	
			Golf TV Pro Shop	TV	DVB	2/3	27.500	English
			Wonderful	TV	DVB	2/3	27.500	English
			Setanta Sport UK	TV	DVB	2/3	27.500 Videoguard	English
			The Advert Channel	TV	DVB	2/3	27.500	English
			Celtic TV	TV	DVB	2/3	27.500 Videoguard	English
			Rangers TV	TV	DVB	2/3	27.500 Videoguard	English
			Setanta Sport promo	TV	DVB	2/3	27.500 Videoguard	English
			M-Channel	TV	DVB	2/3	27.500	English
			The Escape Channel	TV	DVB	2/3	27.500	English
			The Horror Channel	TV	DVB	2/3	27.500	English
			You TV	TV	DVB	2/3	27.500	English
			London TV	TV	DVB	2/3	27.500	English
			Overload TV	TV	DVB	2/3	27.500	English
			ATN	TV	DVB	2/3	27.500	
			UCB TV	TV	DVB	2/3	27.500	English
			Get Lucky	TV	DVB	2/3	27.500	English
			Pure Dance Radio	radio	DVB	2/3	27.500	English
			Club Asia	radio	DVB	2/3	27.500	
D 11.390	H	NW Europe	Sport Girls	TV	DVB	2/3	27.500 Videoguard	English
D 11.390	H	NW Europe	ACTV	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	TV Warehouse Select	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	Bonanza Bonanza	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	Sport Tantalise	TV	DVB	2/3	Y 27.500 Videoguard	English
D 11.390	H	NW Europe	Exchange & Mart TV	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	The Golf Channel UK	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	Chat Box	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	Deal of the Day	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	Channel U	TV	DVB	2/3	Y 27.500	English
D 11.390	H	NW Europe	Performance	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	SAB TV	TV	DVB	2/3	27.500	Hindi
D 11.390	H	NW Europe	Game In TV	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	The Soundtrack Channel Europe	TV	DVB	2/3	27.500	English
D 11.390	H	NW Europe	<u>Sky Digital</u>	package	DVB	2/3	27.500	
D 11.390	V	NW Europe	B4	TV	DVB	2/3	27.500 Videoguard	English
D 11.390	V	NW Europe	Tiny Pop	TV	DVB	2/3	27.500 Videoguard	English
D 11.390	V	NW Europe	<u>Sky Digital</u>	package	DVB	2/3	27.500 Videoguard	
D 11.426	H	NW Europe	Wellbeing	radio	DVB	5/6	22.000	
D 11.426	H	NW Europe	Dixons Live	radio	DVB	5/6	22.000	
D 11.426	H	NW Europe	Groove	radio	DVB	5/6	22.000	
D 11.426	H	NW Europe	Classic	radio	DVB	5/6	22.000	
D 11.426	H	NW Europe	High Energy	radio	DVB	5/6	22.000	
D 11.426	H	NW Europe	Low Energy	radio	DVB	5/6	22.000	
D 11.426	V	NW Europe	Tiny Pop	TV	DVB	2/3	27.500	English
D 11.426	V	NW Europe	Climax 3 3	TV	DVB	2/3	27.500 Videoguard	English
D 11.426	V	NW Europe	Climax 3 2	TV	DVB	2/3	27.500 Videoguard	English
D 11.426	V	NW Europe	The Vault	TV	DVB	2/3	27.500	English
D 11.426	V	NW Europe	B4	TV	DVB	2/3	27.500	English
D 11.426	V	NW Europe	OBE TV	TV	DVB	2/3	27.500	
D 11.426	V	NW Europe	Pop	TV	DVB	2/3	27.500	English
D 11.426	V	NW Europe	Chase-it TV	TV	DVB	2/3	27.500	English
D 11.426	V	NW Europe	Chart Show TV	TV	DVB	2/3	27.500	English
D 11.426	V	NW Europe	Playboy TV UK	TV	DVB	2/3	27.500 Videoguard	English
D 11.426	V	NW Europe	Climax 3 1	TV	DVB	2/3	27.500 Videoguard	English
D 11.426	V	NW Europe	<u>Sky Digital</u>	package	DVB	2/3	27.500	
D 11.469	H	S1	<u>Sky Digital</u>	package	DVB	2/3	27.500 Videoguard	
			Sky Box Office 49	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 47	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 48	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 59	TV	DVB	2/3	27.500 Videoguard	English

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.488	V	S1	Sky Box Office 18+ (5)	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 53	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 18+ (6)	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 45	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 4	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 24	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 34	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 35	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 50	TV	DVB	2/3	27.500 Videoguard	English
			Sky Customer Services	interactiv	DVB	2/3	27.500 Videoguard	
			<u>Sky Digital</u>	package	DVB	2/3	27.500	
			Simply Shopping	TV	DVB	2/3	27.500	English
			Simply Home	TV	DVB	2/3	27.500	English
			Shop Vector	TV	DVB	2/3	27.500	English
			Simply Ideas	TV	DVB	2/3	27.500	English
			Jobs TV	TV	DVB	2/3	27.500	English
			GayDateTV	TV	DVB	2/3	Y 27.500	English
			Motors TV UK	TV	DVB	2/3	27.500	French,English
			Nation 217	TV	DVB	2/3	27.500	English
			Xplicit	TV	DVB	2/3	27.500 Videoguard	English
D 11.508	H	S1	Spice UK	TV	DVB	2/3	27.500 Videoguard	English
			Avago Interactive	interactiv	DVB	2/3	27.500 Videoguard	
			<u>Sky Digital</u>	package	DVB	2/3	27.500 Videoguard	
			Private Girls	TV	DVB	2/3	27.500 Videoguard	English
			The Adult Channel	TV	DVB	2/3	Y 27.500 Videoguard	English
			Sky News UK	TV	DVB	2/3	27.500 Videoguard	English
			XXX TV	TV	DVB	2/3	27.500 Videoguard	English
			The Adult Channel PPV	TV	DVB	2/3	27.500 Videoguard	English
			Playboy TV UK PPV	TV	DVB	2/3	27.500 Videoguard	English
			Amateur Babes	TV	DVB	2/3	27.500 Videoguard	English
			PlayJam	interactiv	DVB	2/3	27.500 Videoguard	
			Yo-Yo	interactiv	DVB	2/3	27.500 Videoguard	
			Directgov	interactiv	DVB	2/3	27.500 Videoguard	
			<u>Sky Digital</u>	package	DVB	2/3	27.500 Videoguard	
			Vectone Tamil	TV	DVB	2/3	27.500	Tamil
D 11.527	V	S1	MBC Europe	TV	DVB	2/3	27.500 Videoguard	Arabic
			Al-Jazeera Satellite Channel	TV	DVB	2/3	27.500 Videoguard	Arabic
			Vectone Hindi	TV	DVB	2/3	27.500	Hindi
			Thomas Cook TV	TV	DVB	2/3	27.500	English
			Vectone Urdu	TV	DVB	2/3	27.500	Urdu
			LBC Europe	TV	DVB	2/3	27.500 Videoguard	Arabic
			ART Movie	TV	DVB	2/3	27.500 Videoguard	Arabic
			Bangla TV	TV	DVB	2/3	27.500 Videoguard	Bengali
			Rotana TV	TV	DVB	2/3	27.500 Videoguard	Arabic
			<u>Sky Digital</u>	package	DVB	2/3	27.500	
			Thane Stop and Shop	TV	DVB	2/3	27.500	English
			Shop on TV	TV	DVB	2/3	27.500	English
			Thane Direct	TV	DVB	2/3	27.500	English
			Avago	TV	DVB	2/3	27.500	English
			Vectone Bangla	TV	DVB	2/3	27.500	Bengali
D 11.546	H	S1	Cee (I) TV	TV	DVB	2/3	27.500 Videoguard	Tamil
			I Sports TV	TV	DVB	2/3	27.500	English
			Avago mosaic	TV	DVB	2/3	27.500	English
			PlayJam Conservatory	interactiv	DVB	2/3	27.500 Videoguard	
			<u>Sky Digital</u>	package	DVB	2/3	27.500 Videoguard	
			E4 +1	TV	DVB	2/3	27.500 Videoguard	English
			Film Four +1	TV	DVB	2/3	Y 27.500 Videoguard	English
			Film Four Weekly	TV	DVB	2/3	Y 27.500 Videoguard	English
			E4 Ireland	TV	DVB	2/3	Y 27.500 Videoguard	English
			Film Four	TV	DVB	2/3	Y 27.500 Videoguard	English
			Phoenix CNE	TV	DVB	2/3	27.500	Chinese,English
			Bloomberg TV UK	TV	DVB	2/3	27.500 Videoguard	English
			<u>Sky Digital</u>	package	DVB	2/3	27.500 Videoguard	
			Television X	TV	DVB	2/3	27.500 Videoguard	English
			The Dating Channel	TV	DVB	2/3	Y 27.500	English
D 11.585	H	S1	Gay TV	TV	DVB	2/3	27.500 Videoguard	English
			Red Hot Films	TV	DVB	2/3	27.500 Videoguard	English
			Red Hot Euro	TV	DVB	2/3	27.500 Videoguard	English
			Television X 2	TV	DVB	2/3	27.500 Videoguard	English
			Television X 3	TV	DVB	2/3	27.500 Videoguard	English
			Auction World TV	TV	DVB	2/3	27.500	English
			Best Direct	TV	DVB	2/3	27.500	English
			Best Direct +	TV	DVB	2/3	27.500	English
			Red Hot UK Talent	TV	DVB	2/3	27.500 Videoguard	English
			Bollywood Films	TV	DVB	2/3	27.500 Videoguard	

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.604	V	S1	Apple FM	radio	DVB	2/3	27.500	English
			Raaj Radio	radio	DVB	2/3	27.500	Punjabi
			WRN English Europe	radio	DVB	2/3	27.500	English
			RTÉ Radio 1 MW	radio	DVB	2/3	27.500	English
			TWR UK	radio	DVB	2/3	27.500	English
			CMR Pulse Radio	radio	DVB	2/3	27.500	English
			CSN International	radio	DVB	2/3	27.500	English
			Desi Radio	radio	DVB	2/3	27.500	
			Amrit Bani	radio	DVB	2/3	27.500	
			Radio Caroline	radio	DVB	2/3	27.500	English
			Spectrum Digital 1	radio	DVB	2/3	27.500	
			<u>Sky Digital</u>	package	DVB	2/3	27.500 Videoguard	
			Sky Box Office 40	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 52	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 44	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 19	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 46	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 30	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 25	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 20	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 15	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 10	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 5	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 54	TV	DVB	2/3	27.500 Videoguard	English
			Sky Box Office 18+ (7)	TV	DVB	2/3	27.500 Videoguard	English
D 11.623	H	S1	<u>Sky Digital</u>	package	DVB	2/3	27.500	
			The Wrestling Channel	TV	DVB	2/3	27.500	English
			TelSell UK	TV	DVB	2/3	27.500	English
			Revelation TV	TV	DVB	2/3	27.500	English
			NASN - North American Sports Network	TV	DVB	2/3	27.500 Videoguard	English
			Classics TV	TV	DVB	2/3	27.500	English
			Information TV	TV	DVB	2/3	27.500	English
			FriendlyTV	TV	DVB	2/3	27.500	English
			PTV Prime UK	TV	DVB	2/3	27.500 Videoguard	
			Fashion TV UK	TV	DVB	2/3	27.500	
			McColl's FM	radio	DVB	2/3	27.500	English
			The Hits	radio	DVB	2/3	27.500	English
			Kerrang! Radio	radio	DVB	2/3	27.500	English
			Smash! Hits Radio	radio	DVB	2/3	27.500	English
			Kiss 100	radio	DVB	2/3	27.500	English
			Topps FM	radio	DVB	2/3	27.500	English
			Q Radio	radio	DVB	2/3	27.500	English
			Moto	radio	DVB	2/3	27.500	English
			Mojo Radio	radio	DVB	2/3	27.500	English
			Teds FM	radio	DVB	2/3	27.500	English
			Heat Radio	radio	DVB	2/3	27.500	English
			GlobeCast Radio	radio	DVB	2/3	27.500	English
			Magic 105.4 FM	radio	DVB	2/3	27.500	English
D 11.642	V	S1	<u>Sky Digital</u>	package	DVB	2/3	27.500	
			Open Access	TV	DVB	2/3	27.500	English
			Classic FM TV	TV	DVB	2/3	27.500	English
			I Sports TV	TV	DVB	2/3	27.500	English
D 11.662	H	S1	<u>Sky Digital</u>	package	DVB	2/3	27.500 Videoguard	
			BEN - Bright Entertainment Network	TV	DVB	2/3	27.500	English
			MTA International	TV	DVB	2/3	27.500	English,French,German,Bengali,Arabic
			Red Hot Only 18	TV	DVB	2/3	27.500 Videoguard	English
			Red Hot 40+ Wives	TV	DVB	2/3	27.500 Videoguard	English
			Red Hot All Girl	TV	DVB	2/3	27.500 Videoguard	English
			Abu Dhabi TV Europe	TV	DVB	2/3	27.500	Arabic
			Red Hot Wives	TV	DVB	2/3	27.500 Videoguard	English
			CCTV 9	TV	DVB	2/3	27.500	English
			Islam Channel	TV	DVB	2/3	27.500	English
			Red Hot Amateur	TV	DVB	2/3	27.500 Videoguard	English
			Kurakku	interactiv	DVB	2/3	27.500 Videoguard	
D 11.681	V	S1	<u>Sky Digital</u>	package	DVB	2/3	27.500	
			Hollywood TV	TV	DVB	2/3	27.500	English
			Extreme Sports Channel UK	TV	DVB	2/3	Y 27.500	English
			Live XXX	TV	DVB	2/3	27.500 Videoguard	English
			TBN Europe	TV	DVB	2/3	27.500	English
			Vision Channel	TV	DVB	2/3	27.500	English
			Life TV	TV	DVB	2/3	27.500	English
			Spirit Channel	TV	DVB	2/3	27.500	Arabic
			The God Channel	TV	DVB	2/3	27.500	English

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
			EuroNews	TV	DVB	2/3	27.500	French,English,German,Italian,Spanish,Portuguese,Russian
			God 2	TV	DVB	2/3	27.500	English
			Cross Rhythms Radio	radio	DVB	2/3	27.500	English
D 12.529	V	S2	<u>Telekom Austria</u>	package	DVB	1/2	3.332	
			Billa Österreich	radio	DVB	1/2	3.332	
			Billa Tschechien	radio	DVB	1/2	3.332	
			Billa Slowakei	radio	DVB	1/2	3.332	
D 12.546	V	S2	Puntosat	TV	DVB	3/4	1.810	Italian
D 12.567	V	S2	K-TV Fernsehen	TV	DVB	5/6	2.200	German
D 12.567	V	S2	Radio Horeb	radio	DVB	5/6	2.200	German
D 12.607	H	S2	<u>Czech Link</u>	package	DVB	3/4	27.500	Cryptoworks
			Galaxie Sport	TV	DVB	3/4	Y 27.500	Cryptoworks
			CT 2	TV	DVB	3/4	Y 27.500	Cryptoworks
			CT 1	TV	DVB	3/4	Y 27.500	Cryptoworks
			Prima TV	TV	DVB	3/4	Y 27.500	Cryptoworks
			BBC World Service	radio	DVB	3/4	27.500	
			Radiožurnál	radio	DVB	3/4	27.500	Czech
			Praha	radio	DVB	3/4	27.500	Czech
			Vltava	radio	DVB	3/4	27.500	Czech
			Radio Proglas	radio	DVB	3/4	27.500	Czech
			Ceský Rozhlas 6	radio	DVB	3/4	27.500	Czech
			CRo Region	radio	DVB	3/4	27.500	Czech
			Radio Praha	radio	DVB	3/4	27.500	
D 12.643	H	S2	<u>Slovak Link</u>	package	DVB	3/4	27.500	Cryptoworks
			STV 2	TV	DVB	3/4	Y 27.500	Cryptoworks
			STV 1	TV	DVB	3/4	Y 27.500	Cryptoworks
			TV Markíza	TV	DVB	3/4	Y 27.500	Cryptoworks
			Rádio Regina Banská Bystrica	radio	DVB	3/4	27.500	Slovakian
			Rádio Regina Bratislava	radio	DVB	3/4	27.500	Slovakian
			Rádio Lumen	radio	DVB	3/4	27.500	Slovakian
			Rádio Regina Kosice	radio	DVB	3/4	27.500	Slovakian
			Rádio Patria U	radio	DVB	3/4	27.500	
			Shop Market 1	radio	DVB	3/4	27.500	Cryptoworks
			Shop Market 2	radio	DVB	3/4	27.500	Cryptoworks
			Rádio Okey	radio	DVB	3/4	27.500	Slovakian
			Rádio Slovensko	radio	DVB	3/4	27.500	Slovakian
			Rádio Devín	radio	DVB	3/4	27.500	Slovakian
			Rock FM Rádio	radio	DVB	3/4	27.500	Slovakian
			Rádio Patria M	radio	DVB	3/4	27.500	
			Fun Rádio	radio	DVB	3/4	27.500	Slovakian
			Rádio Expres	radio	DVB	3/4	27.500	Slovakian
			Radio Twist	radio	DVB	3/4	27.500	Slovakian

W1 (10°EAST)

D 11.024	V	Europe	Antena 1	TV	DVB	3/4	5.632	PowerVu	Romanian
D 11.024	V	Europe	Romantic FM	radio	DVB	3/4	5.632		Romanian
D 11.054	V	Europe	TGRT Türkiye	TV	DVB	5/6	Y 4.375		Turkish
D 11.054	V	Europe	TGRT FM	radio	DVB	5/6	4.375		Turkish
D 11.143	H	Europe	ANB	TV	DVB	2/3	2.442		Arabic
D 11.148	H	Europe	Roj TV	TV	DVB	3/4	2.893		Kurdish
D 11.473	V	Europe	Divona	interactiv	DVB	2/3	33.300		
D 11.526	V	Europe	DirecWay Europe	interactiv	DVB	5/6	30.000		
D 11.606	H	Europe	Skylogic	interactiv	DVB	5/6	27.500		
D 11.615	V	Europe	DirecWay Europe	interactiv	DVB	5/6	30.000		
D 12.629	V	Europe	APTN London	TV	DVB	3/4	5.632	RAS	
D 12.704	H	Europe	<u>Intelcom</u>	package	DVB	1/2	2.711		
			Radio San Marino	radio	DVB	1/2	2.711		Italian
			Intelcom	interactiv	DVB	1/2	2.711		
D 12.737	H	Europe	<u>MGM</u>	package	DVB	3/4	8.148	BISS/RAS	
			MGM	TV	DVB	3/4	8.148	BISS	Turkish
			MGM España	TV	DVB	3/4	8.148	RAS	Catalan

W2 (16°EAST)

D 10.957	H	Europe	Alsac TV	TV	DVB	2/3	2.821		Albanian
D 10.957	H	Europe	Radio Alsac	radio	DVB	2/3	2.821		Albanian
A 10.972	V	Europe	RTM 1 Europe	TV	PAL	6.60			Arabic
A 10.972	V	Europe	RTM Chaîne Nationale	radio	PAL	7.02/7.20			Arabic
A 10.972	V	Europe	RTM Chaîne Internationale	radio	PAL	7.38			
A 10.972	V	Europe	RTM Chaîne Dialectes	radio	PAL	7.56			
D 11.003	H	Europe	<u>Tele Akery</u>	package	DVB	3/4	3.254		
			Emi Li TV	TV	DVB	3/4	3.254		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.009	V	Europe	Napoli Nova	TV	DVB	3/4	3.254	Italian
D 11.009	V	Europe	RTM 1 Europe	TV	DVB	2/3	6.111	BISS
D 11.012	H	Europe	Telemarket	TV	DVB	1/2	4.340	Italian
D 11.017	H	Europe	Studio Europa	TV	DVB	2/3	2.500	Italian
D 11.020	H	Europe	Playlist Italia	TV	DVB	3/4	Y 3.436	Italian
D 11.020	H	Europe	Radio Italia	radio	DVB	3/4	3.436	Italian
D 11.025	H	Europe	7 Gold	TV	DVB	3/4	2.894	Italian
D 11.061	H	Europe	Anem	TV	DVB	1/2	Y 4.444	Codicrypt
D 11.061	H	Europe	Radio B 92	radio	DVB	1/2	4.444	Serbian
D 11.083	H	Europe	Fox Kids Italia	TV	DVB	5/6	5.210	Italian
D 11.083	H	Europe	Ecoradio	radio	DVB	5/6	5.210	Italian
D 11.083	H	Europe	Rete Sport	radio	DVB	5/6	5.210	Italian
D 11.083	H	Europe	Talk Radio	radio	DVB	5/6	5.210	Italian
A 11.095	V	Europe	Canal Algérie	TV	PAL	6.60		Arabic
A 11.095	V	Europe	Radio El Bahdja	radio	PAL	7.56		Arabic
A 11.095	V	Europe	Chaîne 1	radio	PAL	7.02		Arabic
A 11.095	V	Europe	Chaîne 3	radio	PAL	7.38		French
A 11.095	V	Europe	Chaîne 2	radio	PAL	7.20		Berber
D 11.105	H	Europe	<u>Elpitel</u>	package	DVB	5/6	8.140	
			Tiziana Sat PM	TV	DVB	5/6	8.140	Italian
			Tiziana Sat PB	TV	DVB	5/6	8.140	Italian
			Tiziana Sat	TV	DVB	5/6	8.140	Italian
D 11.136	V	Europe	University of Plymouth TV	TV	DVB	3/4	3.125	English
A 11.178	V	Europe	Light For All Nations	TV	PAL	6.60,7.20		Arabic
A 11.178	V	Europe	Sat 7	TV	PAL	6.60,7.20		Arabic
A 11.178	V	Europe	Zeitouna TV	TV	PAL	6.60,7.20		Arabic
D 11.184	H	Europe	Kurdistan TV	TV	DVB	3/4	2.667	Kurdish
D 11.304	V	Europe	<u>British Telecom</u>	package	DVB	3/4	30.000	PowerVu/Videoguard
			Royal Bank of Scotland TV	TV	DVB	3/4	30.000	PowerVu
			CineNova	TV	DVB	3/4	30.000	Videoguard
			CineNova 2	TV	DVB	3/4	30.000	Videoguard
			National Westminster Bank TV	TV	DVB	3/4	30.000	PowerVu
			Georgian TV	TV	DVB	3/4	30.000	Georgian
			Radio Erti	radio	DVB	3/4	30.000	Georgian
A 11.328	H	Europe	Jamahiriya Satellite Channel	TV	PAL	6.60		Arabic
A 11.328	H	Europe	La Voix de l'Afrique	radio	PAL	7.74		
A 11.328	H	Europe	Iza'at Al Jamahiriyah Al Outhmah	radio	PAL	7.20		Arabic
A 11.328	H	Europe	La Voix de l'Afrique	radio	PAL	7.56		English
A 11.328	H	Europe	La Voix de l'Afrique	radio	PAL	7.38		Arabic
D 11.449	H	Europe	<u>AlbaniaSat</u>	package	DVB	3/4	16.000	Irdeto 2
			Sat+ 3	TV	DVB	3/4	16.000	Irdeto 2
			Sat+ 1	TV	DVB	3/4	16.000	Irdeto 2
			Shijak TV Satelit	TV	DVB	3/4	16.000	Irdeto 2
			Tele Sport	TV	DVB	3/4	16.000	Irdeto 2
			Top Channel	TV	DVB	3/4	16.000	Albanian
			Sat+ 2	TV	DVB	3/4	16.000	Irdeto 2
			Top Albania Radio	radio	DVB	3/4	16.000	Albanian
			Radio NRG	radio	DVB	3/4	16.000	
A 11.471	V	Europe	ESC 1	TV	PAL	6.60		Arabic
A 11.471	V	Europe	El-Bernameg Al-Aam	radio	PAL	7.02		Arabic
A 11.471	V	Europe	El-Quran El-Karim	radio	PAL	7.56		Arabic
A 11.471	V	Europe	Sout Al-Arab	radio	PAL	7.20		Arabic
A 11.471	V	Europe	Iza'at Al-Sharq Al-Awsat	radio	PAL	7.38		Arabic
D 11.492	H	Madagascar	<u>Parabole Réunion</u>	package	DVB	3/4	29.950	Viaccess 2.3
			TPS Cinétoile	TV	DVB	3/4	29.950	Viaccess 2.3
			RFO Tempo	TV	DVB	3/4	29.950	Viaccess 2.3
			RFO Télé Réunion	TV	DVB	3/4	29.950	Viaccess 2.3
			RTL 9	TV	DVB	3/4	29.950	Viaccess 2.3
			Chasse & Pêche	TV	DVB	3/4	29.950	Viaccess 2.3
			TPS Cinefamily	TV	DVB	3/4	29.950	Viaccess 2.3
			TPS Star	TV	DVB	3/4	29.950	Viaccess 2.3
			Téva	TV	DVB	3/4	29.950	Viaccess 2.3
			TPS Home Cinema	TV	DVB	3/4	29.950	Viaccess 2.3
			Eurêka!	TV	DVB	3/4	29.950	Viaccess 2.3
			M6	TV	DVB	3/4	29.950	Viaccess 2.3
			Série Club	TV	DVB	3/4	29.950	Viaccess 2.3
			TPS Cineculte	TV	DVB	3/4	29.950	Viaccess 2.3
			Piwi	TV	DVB	3/4	29.950	Viaccess 2.3
			TF 6	TV	DVB	3/4	29.950	Viaccess 2.3
			TPS Cinextreme	TV	DVB	3/4	29.950	Viaccess 2.3
			Antenne Réunion	TV	DVB	3/4	29.950	Viaccess 2.3
			Radio Classique	radio	DVB	3/4	29.950	Viaccess 2.3
			RCF - Radio Chrétiennes en France	radio	DVB	3/4	29.950	Viaccess 2.3
D 11.513	V	Europe	<u>ITV Partner</u>	package	DVB	7/8	28.800	Conax/Cryptoworks

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.534	H	Madagascar	Cartoon Network Central Europe	TV	DVB	7/8	28.800	Cryptoworks
			Alexandra TV	TV	DVB	7/8	28.800	Cryptoworks
			Diema 2	TV	DVB	7/8	28.800	Cryptoworks
			Private Gold International	TV	DVB	7/8	28.800	Cryptoworks
			Diema +	TV	DVB	7/8	28.800	Cryptoworks
			Evrokom	TV	DVB	7/8	28.800	Cryptoworks
			TCM Europe	TV	DVB	7/8	28.800	Cryptoworks
			CNN International	TV	DVB	7/8	28.800	Cryptoworks
			Planeta TV	TV	DVB	7/8	28.800	Cryptoworks
			Ring TV	TV	DVB	7/8	28.800	Cryptoworks
			Animal Planet Europe	TV	DVB	7/8	28.800	Cryptoworks
			The History Channel	TV	DVB	7/8	28.800	Cryptoworks
			Hallmark Channel East Europe	TV	DVB	7/8	28.800	Cryptoworks
			National Geographic Channel Europe	TV	DVB	7/8	28.800	Cryptoworks
			<u>CanalSatellite Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2
			TV 5 Afrique	TV	DVB	3/4	30.000	Mediaguard 2
			L'Équipe TV	TV	DVB	3/4	30.000	Mediaguard 2
			Cinecinema Émotion	TV	DVB	3/4	30.000	Mediaguard 2
			M6	TV	DVB	3/4	30.000	Mediaguard 2
			LCI	TV	DVB	3/4	30.000	Mediaguard 2
			Cartoon Network	TV	DVB	3/4	30.000	Mediaguard 2
			RFO Télé Réunion	TV	DVB	3/4	30.000	Mediaguard 2
			Canal + Réunion	TV	DVB	3/4	30.000	Mediaguard 2
			Cinecinema Succès	TV	DVB	3/4	30.000	Mediaguard 2
			MCM France	TV	DVB	3/4	30.000	Mediaguard 2
D 11.554	V	Europe	Voyage	TV	DVB	3/4	30.000	Mediaguard 2
			Action	TV	DVB	3/4	30.000	Mediaguard 2
			TCM France	TV	DVB	3/4	30.000	Mediaguard 2
			Planete France	TV	DVB	3/4	30.000	Mediaguard 2
			TF 1	TV	DVB	3/4	30.000	Mediaguard 2
			RFO Tempo	TV	DVB	3/4	30.000	Mediaguard 2
			RFO Sat	TV	DVB	3/4	30.000	Mediaguard 2
			TMC	TV	DVB	3/4	30.000	Mediaguard 2
			↳Télé	TV	DVB	3/4	30.000	Mediaguard 2
			<u>ITV Partner</u>	package	DVB	7/8	28.800	Conax/Cryptoworks
			BTB	TV	DVB	7/8	28.800	Cryptoworks
			Nova TV	TV	DVB	7/8	28.800	Cryptoworks
			MM	TV	DVB	7/8	28.800	Cryptoworks
			FEN TV	TV	DVB	7/8	28.800	Cryptoworks
			Club Central Europe	TV	DVB	7/8	28.800	Conax/Cryptoworks
			EuroSport	TV	DVB	7/8	28.800	Cryptoworks
			Kanal 1	TV	DVB	7/8	28.800	Conax/Cryptoworks
			Evrokom	TV	DVB	7/8	28.800	Conax/Cryptoworks
			ETV	TV	DVB	7/8	28.800	Cryptoworks
			BBT	TV	DVB	7/8	28.800	Cryptoworks
			Discovery Channel Europe	TV	DVB	7/8	28.800	Cryptoworks
			TV Evropa	TV	DVB	7/8	28.800	Cryptoworks
			Kanal 8	TV	DVB	7/8	28.800	Cryptoworks
			HBO Bulgaria	TV	DVB	7/8	28.800	Cryptoworks
D 11.575	H	Madagascar	Radio Vitosha	radio	DVB	7/8	28.800	Cryptoworks
			News	interactiv	DVB	7/8	28.800	Cryptoworks
			Movies	interactiv	DVB	7/8	28.800	Cryptoworks
			Mail	interactiv	DVB	7/8	28.800	Cryptoworks
			Weather	interactiv	DVB	7/8	28.800	Cryptoworks
			Games	interactiv	DVB	7/8	28.800	Cryptoworks
			<u>CanalSatellite Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2
			Planète Thalassa	TV	DVB	3/4	30.000	Mediaguard 2
			Toon Disney France	TV	DVB	3/4	30.000	Mediaguard 2
			Ma Planète	TV	DVB	3/4	30.000	Mediaguard 2
D 11.617	H	Madagascar	Téva	TV	DVB	3/4	30.000	Mediaguard 2
			National Geographic Channel France	TV	DVB	3/4	30.000	Mediaguard 2
			<u>Parabole Réunion</u>	package	DVB	3/4	29.950	Viaccess 2.3
			Fox Kids France	TV	DVB	3/4	29.950	Viaccess 2.3
			Fun TV	TV	DVB	3/4	29.950	Viaccess 2.3
			Comedie	TV	DVB	3/4	29.950	Viaccess 2.3
			TPS Star Foot	TV	DVB	3/4	29.950	Viaccess 2.3
			TéléToon	TV	DVB	3/4	29.950	Viaccess 2.3
			AB Moteurs	TV	DVB	3/4	29.950	Viaccess 2.3
			Sport +	TV	DVB	3/4	29.950	Viaccess 2.3
			InfoSport	TV	DVB	3/4	29.950	Viaccess 2.3
			TV Breizh	TV	DVB	3/4	29.950	Viaccess 2.3
			Kanal Austral	TV	DVB	3/4	29.950	Viaccess 2.3
			Odyssée	TV	DVB	3/4	29.950	Viaccess 2.3

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
D 11.634	V	Europe	CNN International	TV	DVB	3/4	29.950 Viaccess 2.3	English
			LCI	TV	DVB	3/4	29.950 Viaccess 2.3	French
			Equidia	TV	DVB	3/4	29.950 Viaccess 2.3	French
			HotShow	TV	DVB	3/4	29.950 Viaccess 2.3	
			TF 1	TV	DVB	3/4	29.950 Viaccess 2.3	French
			Escales	TV	DVB	3/4	29.950 Viaccess 2.3	French
			M6 Music	TV	DVB	3/4	29.950 Viaccess 2.3	French
			Sport O'FM	radio	DVB	3/4	29.950 Viaccess 2.3	French
			Europe 1	radio	DVB	3/4	29.950 Viaccess 2.3	French
			Radio Nostalgie	radio	DVB	3/4	29.950 Viaccess 2.3	French
			Free Dom	radio	DVB	3/4	29.950 Viaccess 2.3	French
			RTL	radio	DVB	3/4	29.950 Viaccess 2.3	French
			BBC	package	DVB	5/6	17.578	
			BBC Radio 4 FM	radio	DVB	5/6	17.578	English
			BBC Radio 3	radio	DVB	5/6	17.578	English
			BBC Radio 1	radio	DVB	5/6	17.578	English
			BBC Radio 2	radio	DVB	5/6	17.578	English
D 11.658	H	Madagascar	CanalSatellite Réunion	package	DVB	3/4	30.000 Mediaguard 2	
			Equidia	TV	DVB	3/4	30.000 Mediaguard 2	French
			Playhouse Disney France	TV	DVB	3/4	30.000 Mediaguard 2	French
			Trace TV	TV	DVB	3/4	30.000 Mediaguard 2	French
			Cinecinema Frisson	TV	DVB	3/4	30.000 Mediaguard 2	French
			Cinecinema Premier	TV	DVB	3/4	30.000 Mediaguard 2	French
			Paris Première	TV	DVB	3/4	30.000 Mediaguard 2	French
			RTL 9	TV	DVB	3/4	30.000 Mediaguard 2	French
			13ème Rue	TV	DVB	3/4	30.000 Mediaguard 2	French
			Motors TV	TV	DVB	3/4	30.000 Mediaguard 2	French
			Canal + Cinéma	TV	DVB	3/4	30.000 Mediaguard 2	French
			Sport +	TV	DVB	3/4	30.000 Mediaguard 2	French
			RFM TV	TV	DVB	3/4	30.000 Mediaguard 2	French
			Canal J	TV	DVB	3/4	30.000 Mediaguard 2	French
			TF 6	TV	DVB	3/4	30.000 Mediaguard 2	French
			EuroNews	TV	DVB	3/4	30.000 Mediaguard 2	French,English
			EuroSport France	TV	DVB	3/4	30.000 Mediaguard 2	French
			Disney Channel	TV	DVB	3/4	30.000 Mediaguard 2	French
			XXL	TV	DVB	3/4	30.000 Mediaguard 2	French
			Paris Jazz	radio	DVB	3/4	30.000 Mediaguard 2	French
			RFI - Radio France Internationale	radio	DVB	3/4	30.000 Mediaguard 2	French
			France Info	radio	DVB	3/4	30.000 Mediaguard 2	French
			Hector	radio	DVB	3/4	30.000 Mediaguard 2	French
			RFM	radio	DVB	3/4	30.000 Mediaguard 2	French
D 11.659	V	Europe	BBC	package	DVB	5/6	17.578	
			BBC Radio 1	radio	DVB	5/6	17.578	English
			BBC Radio 2	radio	DVB	5/6	17.578	English
			BBC Radio 3	radio	DVB	5/6	17.578	English
			BBC Radio 4 FM	radio	DVB	5/6	17.578	English
D 12.568	H	Europe	SIC Internacional	TV	DVB	3/4	2.894	Portuguese
			SNAI Sat	package	DVB	2/3	27.500	
D 12.608	H	Europe	Rete Capri	TV	DVB	2/3	27.500	Italian
			Toscana Channel	TV	DVB	2/3	27.500	Italian
			SNAI Sat	TV	DVB	2/3	27.500	Italian
			Unire 1	TV	DVB	2/3	27.500 PowerVu	Italian
			Unire 2	TV	DVB	2/3	27.500 PowerVu	Italian
			La 7	TV	DVB	3/4	Y 6.111	Italian
			MTV Italia	TV	DVB	3/4	Y 6.111	Italian
D 12.633	V	Europe	RTK 1 Sat	TV	DVB	1/2	4.883	Albanian
D 12.633	V	Europe	Radio Kosova	radio	DVB	1/2	4.883	Albanian
D 12.656	V	Europe	TV Shqiptar Satelit	TV	DVB	1/2	4.883	Albanian
D 12.680	V	Europe	TVR Cultural	TV	DVB	3/4	3.000 Viaccess 2.4	Romanian
D 12.683	H	Europe	TV 7 Satellite	TV	DVB	3/4	Y 2.894	Arabic
D 12.683	H	Europe	Tunisia National Radio	radio	DVB	3/4	2.894	Arabic
D 12.683	H	Europe	Radio Tunis International	radio	DVB	3/4	2.894	
D 12.692	V	Europe	BN TV	TV	DVB	1/2	3.798	Bosnian
D 12.692	V	Europe	Radio BN	radio	DVB	1/2	3.798	Bosnian
D 12.716	V	Europe	TV Romania mux	package	DVB	3/4	9.913	
			TVR 1	TV	DVB	3/4	Y 9.913	Romanian
			TVR 2	TV	DVB	3/4	Y 9.913	Romanian
			TVR International	TV	DVB	3/4	Y 9.913	Romanian
			România în direct	radio	DVB	3/4	9.913	Romanian
			Radio Romania International Open Radio	radio	DVB	3/4	9.913	
D 12.725	V	Europe	Armenia TV	TV	DVB	2/3	3.418	Armenian

W3A (7°EAST)

24 August 2004

Page 25 of 33

This document is provided for information purposes. No responsibility is taken for errors or omissions.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue	Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s		
D 11.175	V	Europe A	<u>TVP</u>	package	DVB	3/4	27.500	Videoguard
			TVP 1	TV	DVB	3/4	Y 27.500	Videoguard
			TVP 2	TV	DVB	3/4	Y 27.500	Videoguard
			TV Polonia	TV	DVB	3/4	Y 27.500	Videoguard
			TVP 3 Regionalna	TV	DVB	3/4	Y 27.500	Videoguard
D 11.262	H	Europe A	<u>OpenSky</u>	package	DVB	2/3	27.500	
			OpenSky promo	TV	DVB	2/3	27.500	
			OpenSky	interactiv	DVB	2/3	27.500	
D 11.283	V	Europe A	<u>GlobeCast</u>	package	DVB	3/4	27.500	Viaccess 2.3
			M6 Suisse	TV	DVB	3/4	27.500	
			EuroSport	TV	DVB	3/4	Y 27.500	Viaccess 2.3
			TF 1	TV	DVB	3/4	27.500	
			TV 5 Orient	TV	DVB	3/4	Y 27.500	Viaccess 2.3
			RFI Diverse 2	radio	DVB	3/4	27.500	
			Buffalo Grill	radio	DVB	3/4	27.500	Viaccess 2.3
			RFI Diverse 5	radio	DVB	3/4	27.500	
			RFI Diverse 4	radio	DVB	3/4	27.500	
			RFI Diverse 3	radio	DVB	3/4	27.500	
			RFI Latine	radio	DVB	3/4	27.500	
			RFI Musique-Info	radio	DVB	3/4	27.500	
			RFI Diverse 1	radio	DVB	3/4	27.500	
			RFI Afrique	radio	DVB	3/4	27.500	
			RFI Langues Diverse	radio	DVB	3/4	27.500	
			RFI Langues Est	radio	DVB	3/4	27.500	
			RFI Français	radio	DVB	3/4	27.500	
			RMC Moyen-Orient	radio	DVB	3/4	27.500	
D 11.324	V	Europe A	<u>BFBS</u>	package	DVB	1/2	27.500	Cryptoworks
			BFBS 1	TV	DVB	1/2	Y 27.500	Cryptoworks
			BFBS 2	TV	DVB	1/2	Y 27.500	Cryptoworks
			BBC News 24	TV	DVB	1/2	Y 27.500	Cryptoworks
			BFBS Radio 2	radio	DVB	1/2	27.500	Cryptoworks
			BFBS Radio 1 Falklands	radio	DVB	1/2	27.500	
			BFBS Radio 2	radio	DVB	1/2	27.500	
			BFBS Radio 1 Atlantic	radio	DVB	1/2	27.500	
			BFBS Radio 1 Brunei	radio	DVB	1/2	27.500	
			BFBS Radio 1 Northern Ireland	radio	DVB	1/2	27.500	
			BFBS Radio 1 UK	radio	DVB	1/2	27.500	
			BFBS Radio 1 Germany	radio	DVB	1/2	27.500	
			BFBS Radio 1 Belize	radio	DVB	1/2	27.500	
			BFBS Radio 1 Bosnia	radio	DVB	1/2	27.500	
			BFBS Radio 1 Middle East	radio	DVB	1/2	27.500	
			BFBS Radio 1 Gibraltar	radio	DVB	1/2	27.500	
			BFBS Radio 1 Cyprus	radio	DVB	1/2	27.500	
			BFBS Radio 1 Europe	radio	DVB	1/2	27.500	
			BFBS Radio 2	radio	DVB	1/2	27.500	
			BFBS Radio 2	radio	DVB	1/2	27.500	
D 11.449	V	Europe A	OpenSky	interactiv	DVB	2/3	27.500	
D 11.492	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks
			TRT Gap	TV	DVB	3/4	30.000	
			TRT 4	TV	DVB	3/4	30.000	
			Perviy kanal Vsemirnaya setj	TV	DVB	3/4	30.000	Cryptoworks
			BBC Prime	TV	DVB	3/4	30.000	Cryptoworks
			Lig TV	TV	DVB	3/4	30.000	Cryptoworks
			TRT 3	TV	DVB	3/4	30.000	
			TRT 2	TV	DVB	3/4	Y 30.000	
			TRT 1	TV	DVB	3/4	Y 30.000	
			Reality TV Europe	TV	DVB	3/4	30.000	Cryptoworks
			Sinema Turk	TV	DVB	3/4	30.000	Cryptoworks
			Samanyolu TV	TV	DVB	3/4	30.000	Cryptoworks
			Tatlises TV	TV	DVB	3/4	30.000	Cryptoworks
D 11.513	H	Europe A	<u>Skylogic</u>	package	DVB	3/4	27.500	
			Sailing Channel	TV	DVB	3/4	27.500	
			Skylogic	interactiv	DVB	3/4	27.500	
D 11.534	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks
			Extreme Sports Channel	TV	DVB	3/4	30.000	Cryptoworks
			Fox Sports Turkey	TV	DVB	3/4	30.000	Cryptoworks
			Kral TV	TV	DVB	3/4	30.000	Cryptoworks
			Fashion TV Türkiye	TV	DVB	3/4	30.000	Cryptoworks
			NTV Türkiye	TV	DVB	3/4	Y 30.000	Cryptoworks
			Elmavision	TV	DVB	3/4	30.000	Cryptoworks
			BBC World	TV	DVB	3/4	30.000	Cryptoworks
			CNN Türk	TV	DVB	3/4	30.000	Cryptoworks
			CNBC-E	TV	DVB	3/4	30.000	Cryptoworks
			TV 8	TV	DVB	3/4	30.000	Cryptoworks
			MovieMax 1	TV	DVB	3/4	30.000	Cryptoworks

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
			Digiaktif	interactiv	DVB	3/4	30.000	Cryptoworks
			Digiposta	interactiv	DVB	3/4	30.000	Cryptoworks
D 11.554	H	Europe A	Evolve	interactiv	DVB	3/4	27.500	
D 11.575	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks
			Hazir Kart Salon 2	TV	DVB	3/4	30.000	Cryptoworks
			Sailing Channel	TV	DVB	3/4	30.000	Cryptoworks
			Motors TV	TV	DVB	3/4	30.000	Cryptoworks
			Kanal D	TV	DVB	3/4	Y 30.000	Cryptoworks
			Fox Kids Russia & Turkey	TV	DVB	3/4	30.000	Cryptoworks
			Turkcell Salon 1	TV	DVB	3/4	30.000	Cryptoworks
			ZDF	TV	DVB	3/4	30.000	Cryptoworks
			DigiTurk promo	TV	DVB	3/4	30.000	Cryptoworks
			MTV Europe	TV	DVB	3/4	30.000	Cryptoworks
			Show TV	TV	DVB	3/4	30.000	Cryptoworks
			VH1 Europe A	TV	DVB	3/4	30.000	Cryptoworks
			Pamukbank	interactiv	DVB	3/4	30.000	Cryptoworks
			Altinrehber	interactiv	DVB	3/4	30.000	Cryptoworks
			Oto Kazan	interactiv	DVB	3/4	30.000	Cryptoworks
			TV Hava Durumu	interactiv	DVB	3/4	30.000	Cryptoworks
D 11.596	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks
			Jolly Tatil TV	TV	DVB	3/4	30.000	Cryptoworks
			Kanal B	TV	DVB	3/4	30.000	Cryptoworks
			The Adult Channel	TV	DVB	3/4	30.000	Cryptoworks
			Prime Max 2	TV	DVB	3/4	30.000	Cryptoworks
			Türkiye Jokey Kulübü	TV	DVB	3/4	30.000	Cryptoworks
			Habertürk	TV	DVB	3/4	30.000	Cryptoworks
			RAI Uno	TV	DVB	3/4	30.000	Cryptoworks
			CNN International Europe	TV	DVB	3/4	30.000	Cryptoworks
			Fox News Channel	TV	DVB	3/4	30.000	Cryptoworks
			Vizyon Aktif	TV	DVB	3/4	30.000	Cryptoworks
			Hipodrom ITV	interactiv	DVB	3/4	30.000	Cryptoworks
D 11.637	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks
			Jolly Tatil TV	TV	DVB	3/4	30.000	Cryptoworks
			Pro Sieben Schweiz	TV	DVB	3/4	30.000	Cryptoworks
			Playboy TV UK	TV	DVB	3/4	30.000	Cryptoworks
			Rouge Türkce	TV	DVB	3/4	30.000	Cryptoworks
			Expo Channel TV	TV	DVB	3/4	30.000	Cryptoworks
			Private Blue Europe	TV	DVB	3/4	30.000	Cryptoworks
			MGM	TV	DVB	3/4	30.000	Cryptoworks
			Showtime Turkey	TV	DVB	3/4	30.000	Cryptoworks
			MTV	TV	DVB	3/4	30.000	Cryptoworks
			Showroom	TV	DVB	3/4	30.000	Cryptoworks
			Prime Max 1	TV	DVB	3/4	30.000	Cryptoworks
			TV Haber	interactiv	DVB	3/4	30.000	Cryptoworks
			Müşteri Hizmetleri	interactiv	DVB	3/4	30.000	Cryptoworks
			Oyun Parki	interactiv	DVB	3/4	30.000	Cryptoworks
D 11.661	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks
			Home TV	TV	DVB	3/4	30.000	Cryptoworks
			The History Channel Turkey	TV	DVB	3/4	30.000	Cryptoworks
			Sky Turk	TV	DVB	3/4	30.000	Cryptoworks
			Power Türk TV	TV	DVB	3/4	30.000	Cryptoworks
			CNBC Europe	TV	DVB	3/4	30.000	Cryptoworks
			Discovery Channel Turkey	TV	DVB	3/4	30.000	Cryptoworks
			Mezzo	TV	DVB	3/4	30.000	Cryptoworks
			MCM Top	TV	DVB	3/4	30.000	Cryptoworks
			Star TV	TV	DVB	3/4	30.000	Cryptoworks
			National Geographic Channel UK	TV	DVB	3/4	30.000	Cryptoworks
			Fish video	TV	DVB	3/4	30.000	Cryptoworks
			French Hits	radio	DVB	3/4	30.000	Cryptoworks
			Modern Country	radio	DVB	3/4	30.000	Cryptoworks
			Popular Classical	radio	DVB	3/4	30.000	Cryptoworks
			Symphonic	radio	DVB	3/4	30.000	Cryptoworks
			Opera	radio	DVB	3/4	30.000	Cryptoworks
			Love Songs	radio	DVB	3/4	30.000	Cryptoworks
			80's Hits	radio	DVB	3/4	30.000	Cryptoworks
			Smooth Jazz	radio	DVB	3/4	30.000	Cryptoworks
			70's Hits	radio	DVB	3/4	30.000	Cryptoworks
			R&B/Hip Hop	radio	DVB	3/4	30.000	Cryptoworks
			Italian Contemporary	radio	DVB	3/4	30.000	Cryptoworks
			Euro Hits	radio	DVB	3/4	30.000	Cryptoworks
			Yilbasi Kanali	radio	DVB	3/4	30.000	Cryptoworks
			Classic Jazz	radio	DVB	3/4	30.000	Cryptoworks
			Blues	radio	DVB	3/4	30.000	Cryptoworks
			New Age	radio	DVB	3/4	30.000	Cryptoworks
			Açık Radyo	radio	DVB	3/4	30.000	Cryptoworks

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 11.678	H	Europe B	Beautiful Instruments	radio	DVB	3/4	30.000	Cryptoworks
			Latin Contemporary	radio	DVB	3/4	30.000	Cryptoworks
			TRT Radyo 3	radio	DVB	3/4	30.000	Turkish
			Radio Madio	radio	DVB	3/4	30.000	Cryptoworks
			Power XL	radio	DVB	3/4	30.000	Cryptoworks
			Alem FM	radio	DVB	3/4	30.000	Cryptoworks
			Power FM	radio	DVB	3/4	30.000	Cryptoworks
			Classic Rock	radio	DVB	3/4	30.000	Cryptoworks
			Alternative	radio	DVB	3/4	30.000	Cryptoworks
			Rock'n'Roll Oldies	radio	DVB	3/4	30.000	Cryptoworks
			Dance	radio	DVB	3/4	30.000	Cryptoworks
			Trends	radio	DVB	3/4	30.000	Cryptoworks
			Classic R&B	radio	DVB	3/4	30.000	Cryptoworks
			TRT FM	radio	DVB	3/4	30.000	Turkish
			Reggae	radio	DVB	3/4	30.000	Cryptoworks
			Power Türk	radio	DVB	3/4	30.000	Cryptoworks
			<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks
			Kanal 7	TV	DVB	3/4	30.000	Cryptoworks
			Vizyon Salon 3	TV	DVB	3/4	30.000	Cryptoworks
			ComedyMax	TV	DVB	3/4	30.000	Cryptoworks
			MovieMax 2	TV	DVB	3/4	30.000	Cryptoworks
			TV 5 Europe	TV	DVB	3/4	30.000	Cryptoworks
			Hallmark Channel Turkey	TV	DVB	3/4	30.000	Cryptoworks
			EuroSport News Turkey	TV	DVB	3/4	30.000	Cryptoworks
			Technology Channel	TV	DVB	3/4	30.000	Cryptoworks
			ATV Türkiye	TV	DVB	3/4	30.000	Cryptoworks
			TGRT Türkiye	TV	DVB	3/4	30.000	Cryptoworks
			Number One TV	TV	DVB	3/4	30.000	Cryptoworks
			EuroSport	TV	DVB	3/4	30.000	Cryptoworks
			Yapi Kredi	interactiv	DVB	3/4	30.000	Cryptoworks
D 12.520	V	Europe A	Web-Sat	interactiv	DVB	1/2	4.000	

W4 (36°EAST)

D 12.073	L	Russia	<u>NetService</u>	package	DVB	3/4	27.500	
			Radio Kuranty	radio	DVB	3/4	27.500	Russian
			Echo of Moscow	radio	DVB	3/4	27.500	Russian
			Avtoradio	radio	DVB	3/4	27.500	Russian
			Radio Arsenal	radio	DVB	3/4	27.500	Russian
			Radio Record	radio	DVB	3/4	27.500	Russian
			Radio Shanson 104.4 FM	radio	DVB	3/4	27.500	Russian
			Radio Studio	radio	DVB	3/4	27.500	Russian
			Kanal Sodrugestvo	radio	DVB	3/4	27.500	Russian
			Piter Russian Shanson	radio	DVB	3/4	27.500	Russian
			Voice of Russia	radio	DVB	3/4	27.500	Russian
			Radio Retro	radio	DVB	3/4	27.500	Russian
			Russkoe Mezhdunarodnoe Radio	radio	DVB	3/4	27.500	Russian
			Hit FM	radio	DVB	3/4	27.500	Russian
			Radio Dinamit FM	radio	DVB	3/4	27.500	Russian
			Radio Novaja Zhizn	radio	DVB	3/4	27.500	Russian
			Russkoe Radio 2	radio	DVB	3/4	27.500	Russian
			Radio Monte Carlo	radio	DVB	3/4	27.500	Russian
			Nashe Vremja na Milicejskoj Volne	radio	DVB	3/4	27.500	Russian
			Radio 7 Na Semi Holmah	radio	DVB	3/4	27.500	Russian
			Energia 104.2 FM	radio	DVB	3/4	27.500	Russian
D 12.173	L	Russia	TV 1	TV	DVB	3/4	2.532	Russian
D 12.207	H	Nigeria	<u>Multichoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2
			EuroSport News	TV	DVB	3/4	27.500	Irdeto 2
			NTA 2	TV	DVB	3/4	27.500	Irdeto 2
			MBI	TV	DVB	3/4	27.500	Irdeto 2
			Iqraa	TV	DVB	3/4	27.500	Irdeto 2
			AIT International	TV	DVB	3/4	27.500	Irdeto 2
			Ray Power 106.5 FM	radio	DVB	3/4	27.500	Irdeto 2
			Rhythm FM	radio	DVB	3/4	27.500	Irdeto 2
			Star FM	radio	DVB	3/4	27.500	Irdeto 2
			M-Web	interactiv	DVB	3/4	27.500	Irdeto 2
D 12.214	L	Russia	TNV - Tatarstan Novy Vek	TV	DVB	3/4	4.340	Russian
D 12.214	L	Russia	Radio Novy Vek	radio	DVB	3/4	4.340	Russian
D 12.245	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.4/Viaccess 2.5
			Discovery Science	TV	DVB	3/4	27.500	Viaccess 2.4/Viaccess 2.5
			Rambler TeleSet	TV	DVB	3/4	27.500	Viaccess 2.4/Viaccess 2.5
			Iz ruk v ruki TV	TV	DVB	3/4	27.500	Viaccess 2.4/Viaccess 2.5
			Discovery Civilisation	TV	DVB	3/4	27.500	Viaccess 2.4/Viaccess 2.5
			REN TV	TV	DVB	3/4	27.500	Viaccess 2.4/Viaccess 2.5

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 12.284	H	Central Af	TV 5 Europe	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	French
			NTV Plus Infokanal	TV	DVB	3/4	27.500	Russian
			NTV Mir	TV	DVB	3/4	Viaccess 2.5	Russian
			<u>Multichoice Africa</u>	package	DVB	1/2	Irdeto 2	
			SIC Noticias	TV	DVB	1/2	Irdeto 2	Portuguese
			LCI	TV	DVB	1/2	Irdeto 2	French
			TF 6	TV	DVB	1/2	Irdeto 2	French
			Animal Planet Europe	TV	DVB	1/2	Irdeto 2	English
			Disney Channel UK	TV	DVB	1/2	Irdeto 2	English
			African Magazine	TV	DVB	1/2	Irdeto 2	English
			TBN Africa	TV	DVB	1/2	Irdeto 2	English
D 12.303	L	Russia	OTIK	interactiv	DVB	3/4	5.000	
D 12.322	H	Central Af	<u>Multichoice Africa</u>	package	DVB	1/2	Irdeto 2	
			National Geographic Channel South Africa	TV	DVB	1/2	Irdeto 2	English
			K-TV World	TV	DVB	1/2	Irdeto 2	English
			CNBC Europe	TV	DVB	1/2	Irdeto 2	English
			Rhema TV	TV	DVB	1/2	Irdeto 2	English
			The History Channel	TV	DVB	1/2	Irdeto 2	English
			Fashion TV	TV	DVB	1/2	Irdeto 2	
			Cartoon Network Africa	TV	DVB	1/2	Irdeto 2	English
			TV Globo Internacional	TV	DVB	1/2	Irdeto 2	Portuguese
			TCM	TV	DVB	1/2	Irdeto 2	English
			Urban Beat	radio	DVB	1/2	Irdeto 2	
			Reggae	radio	DVB	1/2	Irdeto 2	
			African Rhythms	radio	DVB	1/2	Irdeto 2	
			Classic Jazz	radio	DVB	1/2	Irdeto 2	
			Light Jazz	radio	DVB	1/2	Irdeto 2	
			Urban Adult Contemporary	radio	DVB	1/2	Irdeto 2	
			Adult Contemporary	radio	DVB	1/2	Irdeto 2	
			Soft Hits	radio	DVB	1/2	Irdeto 2	
			French Hits	radio	DVB	1/2	Irdeto 2	
			Modern Country	radio	DVB	1/2	Irdeto 2	
			Album Rock	radio	DVB	1/2	Irdeto 2	
			Dance	radio	DVB	1/2	Irdeto 2	
			Classic Rock	radio	DVB	1/2	Irdeto 2	
			Contemporary Instruments	radio	DVB	1/2	Irdeto 2	
			Beautiful Instruments	radio	DVB	1/2	Irdeto 2	
			Light Classical	radio	DVB	1/2	Irdeto 2	
			Symphonic	radio	DVB	1/2	Irdeto 2	
			Rock'n'Roll Oldies	radio	DVB	1/2	Irdeto 2	
			70's Hits	radio	DVB	1/2	Irdeto 2	
			SuperSport Zone	interactiv	DVB	1/2	Irdeto 2	
D 12.322	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	Viaccess 2.4/Viaccess 2.5	
			Private Gold International	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	
			Perviy kanal	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			Detski Mir	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			NTV Plus Kinoklub	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			NTV Plus Premiera	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			NTV Plus Futbol	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			NTV Plus Sport	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
D 12.360	H	Central Af	<u>Multichoice Africa</u>	package	DVB	1/2	Irdeto 2	
			TV 5 Afrique	TV	DVB	1/2	Irdeto 2	French
			SIC Internacional	TV	DVB	1/2	Irdeto 2	Portuguese
			B4U Movies	TV	DVB	1/2	Irdeto 2	Hindi
			BBC Food	TV	DVB	1/2	Irdeto 2	English
			MTV Europe	TV	DVB	1/2	Irdeto 2	English
			Movie Magic 2	TV	DVB	1/2	Irdeto 2	English
			RTP Internacional	TV	DVB	1/2	Irdeto 2	Portuguese
			Canal + Horizons	TV	DVB	1/2	Irdeto 2	French
			The Series Channel	TV	DVB	1/2	Irdeto 2	English
D 12.380	L	Russia	<u>NTV Plus</u>	package	DVB	3/4	Viaccess 2.4/Viaccess 2.5	
			Discovery Channel Russia	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian,English
			Muz TV	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			Animal Planet Europe	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian,English
			EuroSport Russia	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			Romantica	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			Nashe Kino	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			Sport	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian
			Nickelodeon CIS	TV	DVB	3/4	Viaccess 2.4/Viaccess 2.5	Russian,English
D 12.399	H	Central Af	<u>Multichoice Africa</u>	package	DVB	1/2	Irdeto 2	
			Reality TV Europe	TV	DVB	1/2	Irdeto 2	
			MGM	TV	DVB	1/2	Irdeto 2	English
			MGM Latino	TV	DVB	1/2	Irdeto 2	Portuguese
			Zee TV Africa	TV	DVB	1/2	Irdeto 2	Hindi

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
D 12.399	R	Russia	SET Asia	TV	DVB	1/2	26.480 Irdeto 2	Hindi
			Canal Panda	TV	DVB	1/2	26.480 Irdeto 2	Portuguese
			Radio Okapi	radio	DVB	1/2	26.480 Irdeto 2	
			<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	
			CCTV 9	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	English
			Kultura Telekanal	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			STS	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			MTV Russia	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			TNT	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			NTV	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			CCTV 4	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Chinese
			Telekanal Rossiya	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			Serebryany Dozhd	radio	DVB	3/4	27.500	Russian
			Radio Troyka	radio	DVB	3/4	27.500	Russian
D 12.437	H	Central Af	<u>Multichoice Africa</u>	package	DVB	1/2	23.468 Irdeto 2	
			ZDF	TV	DVB	1/2	23.468 Irdeto 2	German
			SABC Africa	TV	DVB	1/2	23.468 Irdeto 2	English
			Hallmark Channel Scandilux	TV	DVB	1/2	23.468 Irdeto 2	English
			SuperSport 5	TV	DVB	1/2	23.468 Irdeto 2	English
			SuperSport 3	TV	DVB	1/2	23.468 Irdeto 2	English
			ESPN Africa	TV	DVB	1/2	23.468 Irdeto 2	English
			Verification Channel	TV	DVB	1/2	23.468	
			BBC Prime	TV	DVB	1/2	23.468 Irdeto 2	English
			M-Net East	TV	DVB	1/2	23.468 Irdeto 2	English
			BBC World	TV	DVB	1/2	23.468 Irdeto 2	English
			SuperSport 6	TV	DVB	1/2	23.468 Irdeto 2	English
			<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	
			Fox Kids Russia & Turkey	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian,English
D 12.456	L	Russia	TDK	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			Mezzo	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	French
			Music Box Russia	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			TV Centr	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			Discovery Travel & Adventure	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian,English
			ESPN Classic Sport Europe	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	English
			Hallmark Channel Russia & Middle East	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian,English
			RBC TV	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			NTV Sport On-line	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian
			<u>Multichoice Africa</u>	package	DVB	2/3	26.040 Irdeto 2	
			RAI International 3	TV	DVB	2/3	26.040 Irdeto 2	Italian
			Sky News International	TV	DVB	2/3	26.040 Irdeto 2	English
			Channel O	TV	DVB	2/3	26.040 Irdeto 2	English
			Discovery Channel	TV	DVB	2/3	26.040 Irdeto 2	English
D 12.476	H	Central Af	CNN International	TV	DVB	2/3	26.040 Irdeto 2	English
			SuperSport 2	TV	DVB	2/3	26.040 Irdeto 2	English
			SuperSport 1	TV	DVB	2/3	26.040 Irdeto 2	English
			Movie Magic	TV	DVB	2/3	26.040 Irdeto 2	English
			M-Net West	TV	DVB	2/3	26.040 Irdeto 2	English
			Channel Islam International	radio	DVB	2/3	26.040 Irdeto 2	
			RAI International	radio	DVB	2/3	26.040 Irdeto 2	
			WRN English Africa & Middle East	radio	DVB	2/3	26.040 Irdeto 2	English
			VoA Music Mix	radio	DVB	2/3	26.040 Irdeto 2	English
			BBC World Service 3	radio	DVB	2/3	26.040 Irdeto 2	
			BBC World Service 2	radio	DVB	2/3	26.040 Irdeto 2	
			BBC World Service 1	radio	DVB	2/3	26.040 Irdeto 2	
			<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	
			Cartoon Network UK	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	English
D 12.476	R	Russia	EuroNews	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian,German,English,French
			AB Moteurs	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	French
			CNN International	TV	DVB	3/4	Y 27.500 Viaccess 2.4/Viaccess 2.5	English
			TCM Europe	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	English
			Bloomberg TV UK	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	English
			Fashion TV	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	French
			BBC World	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	English
			Reality TV Europe	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	Russian,English
			MCM Top	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	French
			Extreme Sports Channel	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	English
			VH1 Europe A	TV	DVB	3/4	27.500 Viaccess 2.4/Viaccess 2.5	English

W5 (70.5°EAST)

D 11.261	H	S2	Horizon Satellite Services	interactiv	DVB	5/6	27.345	
D 11.305	H	S2	Horizon Satellite Services	interactiv	DVB	5/6	27.345	
D 11.356	V	S1	NTD TV	TV	DVB	1/2	4.000	Chinese

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
---------------	-----	------	---------	---------------------	------------------	---------------	--------	-------

SESAT (36°EAST)

D 11.579	H	India	CFRT	TV	DVB	1/2	8.110	Irdeto 1	English
D 12.511	H	Europe	CaspioNet	TV	DVB	1/2	4.340		
D 12.520	H	Europe	Lider TV	TV	DVB	1/2	4.340	BISS	Azerbaijan
D 12.520	H	Europe	Radio Lider 107 FM	radio	DVB	1/2	4.340	BISS	Azerbaijan
D 12.533	H	Europe	Az TV 1	TV	DVB	1/2	4.340		Azerbaijan
D 12.533	H	Europe	Araz Radio	radio	DVB	1/2	4.340		Azerbaijan
D 12.538	H	Europe	Al-Jazeera Satellite Channel	TV	DVB	3/4	5.787		Arabic
D 12.561	V	Europe	Public TV of Armenia	TV	DVB	2/3	3.254		Armenian
D 12.561	V	Europe	Public Radio of Armenia	radio	DVB	2/3	3.254		Armenian
D 12.596	V	Europe	Videolina	TV	DVB	2/3	2.500		Italian
D 12.596	V	Europe	Radiolina	radio	DVB	2/3	2.500		Italian
D 12.686	V	Europe	2M National	TV	DVB	1/2	4.340	BISS	Arabic
D 12.686	V	Europe	Radio 2M	radio	DVB	1/2	4.340		
D 12.695	V	Europe	TRT International	TV	DVB	3/4	3.030		Turkish
D 12.695	V	Europe	Voice of Turkey	radio	DVB	3/4	3.030		
D 12.695	V	Europe	TSR	radio	DVB	3/4	3.030		Turkish
D 12.695	V	Europe	TRT FM	radio	DVB	3/4	3.030		Turkish
D 12.698	H	Europe	OBN - Open Broadcast Network	TV	DVB	2/3	4.340		Bosnian
D 12.707	V	Europe	Leonardo World	TV	DVB	1/2	4.340		Italian

TELECOM 2D (8°WEST)

D 11.493	V	France	TEUS	interactiv	DVB	3/4	27.500		
D 11.514	H	France	<u>VisAvision</u>	package	DVB	3/4	27.500	Conax/Nagravision	
			TVE Internacional Europe	TV	DVB	3/4	27.500	Conax/Nagravision	Spanish
			Kinowelt TV	TV	DVB	3/4	27.500	Conax/Nagravision	
			Perviy kanal Vsemimaya setj	TV	DVB	3/4	27.500	Conax/Nagravision	Russian
			Moskva - Otkrytyj Mir	TV	DVB	3/4	27.500	Conax/Nagravision	Russian
			RTR Planeta	TV	DVB	3/4	27.500	Conax/Nagravision	Russian
			Dubai TV Europe	TV	DVB	3/4	27.500	Conax/Nagravision	Arabic
			Lig TV	TV	DVB	3/4	27.500	Conax/Nagravision	Turkish
			ERT Sat	TV	DVB	3/4	27.500	Conax/Nagravision	Greek
			EuroNews	TV	DVB	3/4	27.500	Conax/Nagravision	Russian,Spanish,Italian
			HRT 1	TV	DVB	3/4	27.500	Conax/Nagravision	Croatian
D 11.556	H	France	<u>VisAvision</u>	package	DVB	3/4	27.500	Conax/Nagravision	
			TGRT Avrupa	TV	DVB	3/4	27.500	Conax/Nagravision	Turkish
			Kanal 7 International	TV	DVB	3/4	27.500	Conax/Nagravision	Turkish
			Kanal D Fun	TV	DVB	3/4	27.500	Conax/Nagravision	Turkish
			ATV Avrupa	TV	DVB	3/4	27.500	Conax/Nagravision	Turkish
			RAI Uno	TV	DVB	3/4	27.500	Conax/Nagravision	Italian
			RAI Due	TV	DVB	3/4	27.500	Conax/Nagravision	Italian
			RAI Tre	TV	DVB	3/4	27.500	Conax/Nagravision	Italian
			TV Polonia	TV	DVB	3/4	27.500	Conax/Nagravision	Polish
			TRT International	TV	DVB	3/4	27.500	Conax/Nagravision	Turkish
			Sinema Turk	TV	DVB	3/4	27.500	Conax/Nagravision	Turkish
			Show TV	TV	DVB	3/4	27.500	Conax/Nagravision	Turkish
D 11.656	H	France	TV 8 Mont Blanc	TV	DVB	2/3	2.441		French

ATLANTIC BIRD 1 (12.5°WEST)

D 11.042	V	Americas	Al Iraqiyah Satellite	TV	DVB	3/4	5.000		Arabic
D 11.042	V	Americas	Al Arabiya	TV	DVB	3/4	5.000		Arabic
D 11.126	H	Europe	Russkij Mir	TV	DVB	3/4	3.666		
D 11.132	H	Europe	BHT 1	TV	DVB	3/4	3.255	Viaccess 2.5	Bosnian
D 11.137	H	Europe	Sailing Channel	TV	DVB	3/4	2.894		English
D 11.143	H	Europe	<u>NTV Hayat</u>	package	DVB	3/4	5.063	Viaccess 2.4	
			NTV Hayat BiH	TV	DVB	3/4	5.063	Viaccess 2.4	Bosnian
			NTV Hayat Sat	TV	DVB	3/4	5.063	Viaccess 2.4	Bosnian
			Radio Stari Grad	radio	DVB	3/4	5.063		Bosnian
D 11.408	V	Europe	Skylogic	interactiv	DVB	5/6	27.500		
D 11.428	H	Europe	<u>OpenSky</u>	package	DVB	5/6	30.000		
			FM Italia	radio	DVB	5/6	30.000		Italian
			OpenSky	interactiv	DVB	5/6	30.000		
D 12.515	V	Europe	<u>TV Italia</u>	package	DVB	2/3	16.200		
			MTV Italia	TV	DVB	2/3	Y 16.200		Italian
			La 7	TV	DVB	2/3	Y 16.200		Italian
			Music Box Italia	TV	DVB	2/3	16.200		Italian
D 12.555	H	Europe	FM Italia	radio	DVB	2/3	16.200		Italian
D 12.592	H	Europe	<u>Cypriotic mux</u>	package	DVB	2/3	7.450	BISS	
			Alfa TV	TV	DVB	2/3	7.450	BISS	English,Greek
			Lumiere TV	TV	DVB	2/3	7.450	BISS	English,Greek

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio MHz FEC	Text MSy/s	Access	Lang.
---------------	-----	------	---------	---------------------	------------------	---------------	--------	-------

ATLANTIC BIRD 2 (8°WEST)

D 10.974	V	Americas	<u>Dubai TV mux</u>	package	DVB	3/4	30.000	
			Dubai TV Europe	TV	DVB	3/4	30.000	Arabic
			Dubai Sports Channel Europe	TV	DVB	3/4	30.000	
			Dubai Business Channel	TV	DVB	3/4	30.000	
			Sawt al Asalah	radio	DVB	3/4	30.000	Arabic
A 12.606	V	Europe	Canal +	TV	SECAM	5.60,7.02/7.20	Y NagraVision	French
D 12.649	V	Europe	OpenSky	interactiv	DVB	5/6	27.500	
D 12.649	V	Europe	LinkStar	interactiv	DVB	5/6	27.500	
D 12.698	H	Europe	NourSat	TV	DVB	3/4	2.170	Arabic
D 12.742	H	Europe	Mezopotamya TV	TV	DVB	7/8	2.170	Kurdish
D 12.747	H	Europe	Syria Satellite Channel	TV	DVB	3/4	2.894	Arabic
D 12.747	H	Europe	Radio Sout Al-Sha'ab	radio	DVB	3/4	2.894	Arabic
D 12.747	H	Europe	El-Bernameg Al-Aam	radio	DVB	3/4	2.894	Arabic

ATLANTIC BIRD 3 (5°WEST)

D 11.069	H	S	Alpha TV	TV	DVB	3/4	3.255	Romanian
A 12.522	V	S	M6	TV	SECAM	5.80	Y	French
A 12.522	V	S	Mood Music	radio	SECAM	7.75		
D 12.543	H	S	<u>GlobeCast</u>	package	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4
			MCM 100% Belge	TV	DVB	3/4	27.500	Viaccess 2.3
			Conforama	radio	DVB	3/4	27.500	French
			Radio Storm	radio	DVB	3/4	27.500	Viaccess 2.4
			Iceland Live	radio	DVB	3/4	27.500	Viaccess 2.4
			But	radio	DVB	3/4	27.500	French
			Radio Soleil	radio	DVB	3/4	27.500	
			Radio Dimensione Suono	radio	DVB	3/4	27.500	Italian
			Lloydspharmacy Live	radio	DVB	3/4	27.500	Viaccess 2.4
			Capytol	radio	DVB	3/4	27.500	French
			France Bleu	radio	DVB	3/4	27.500	French
			France Inter	radio	DVB	3/4	27.500	French
			SPAR Live	radio	DVB	3/4	27.500	Viaccess 2.4
			GiFi	radio	DVB	3/4	27.500	
			WanadooSat	interactiv	DVB	3/4	27.500	
A 12.564	V	S	France 2	TV	SECAM	5.80	Y	French
A 12.564	V	S	Berbère Radio	radio	SECAM	7.75		Berber
A 12.606	V	S	ARTE Français	TV	SECAM	5.80	Y	French
A 12.606	V	S	France 5	TV	SECAM	5.80	Y	French
D 12.615	H	S	<u>Pink</u>	package	DVB	7/8	8.789	Irdeto 2
			Pink Extra	TV	DVB	7/8	8.789	Irdeto 2
			TV Pink Bosnia	TV	DVB	7/8	8.789	Irdeto 2
			TV Pink Montenegro	TV	DVB	7/8	8.789	Irdeto 2
			Pink Plus	TV	DVB	7/8	8.789	Irdeto 2
			Radio Pink	radio	DVB	7/8	8.789	Irdeto 2
D 12.642	H	S	TV Montenegro	TV	DVB	5/6	4.100	Serbian
D 12.642	H	S	Radio Montenegro	radio	DVB	5/6	4.100	Serbian
A 12.648	V	S	Canal +	TV	SECAM	5.60,7.02/7.20	Y NagraVision	French
A 12.690	V	S	TF 1	TV	SECAM	5.80	Y	French
D 12.711	H	W	<u>ABS-CBN</u>	package	DVB	1/2	30.000	NagraVision 1
			ABS-CBN News Channel	TV	DVB	1/2	30.000	NagraVision 1
			TFC Middle East	TV	DVB	1/2	30.000	NagraVision 1
			Cinema One	TV	DVB	1/2	30.000	NagraVision 1
			Pinoy Central TV	TV	DVB	1/2	30.000	NagraVision 1
			TFC Europe	TV	DVB	1/2	30.000	NagraVision 1
			DZMM - Radyo Patrol	radio	DVB	1/2	30.000	NagraVision 1
			WRR 101.9 For Life	radio	DVB	1/2	30.000	NagraVision 1
A 12.732	V	S	France 3 Sat	TV	SECAM	5.80	Y	French

EUTELSAT II-F2 (48°EAST)

D 11.554	H	wide west	Skylogic	interactiv	DVB	5/6	30.000	
----------	---	-----------	----------	------------	-----	-----	--------	--

EUTELSAT II-F3 (21.5°EAST)

D 12.720	V	wide east	Pleasure TV	TV	DVB	3/4	3.255	Italian
D 12.726	V	wide east	Count Down TV	TV	DVB	3/4	2.172	Italian

EXPRESS (11°WEST)

D 11.464	V	zone A9	Georgian TV	TV	DVB	1/2	4.340	Georgian
----------	---	---------	-------------	----	-----	-----	-------	----------

24 August 2004

Page 32 of 33

This document is provided for information purposes. No responsibility is taken for errors or omissions.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue Digital	Audio FEC	MHz MSy/s	Text Access	Lang.
D 11.464	V	zone A9	Radio Erti	radio	DVB	1/2	4.340	Georgian
D 11.469	V	zone A9	KurdSat	TV	DVB	2/3	3.254	Kurdish
D 11.513	V	zone A9	Mediterraneo Sat 2	TV	DVB	1/2	2.168	Italian
D 11.516	V	zone A9	Mediterraneo Sat 1	TV	DVB	1/2	2.168	Italian
D 11.520	V	zone A9	RTS Sat	TV	DVB	3/4	2.893	Serbian
D 11.520	V	zone A9	Radio Beograd 1	radio	DVB	3/4	2.893	
D 11.529	V	zone A9	Coming Soon TV	TV	DVB	2/3	3.254	Italian