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This is the full list of channels you can receive in Germany with standard (FTA 80 cm dish, 0.3 dB LNB, non DVB-S2) equipment and appropriate decryption card.


Astra 3 @23.5°E - June 2017, 1.5 MB
(Check for updated line up: [BB24.biz](http://www.bb24.biz))

Bold program names are TV - thin ones are radio. Green is free service - pink is encrypted


crypted tv	free tv								crypted radio	free radio
Channel	Frequ.	Pol	SymbolRate	FEC	APID	VPID	TelePID	Origin	Language	
RTS Sat	11683	v	2734	3	5002	5001	34			
NPO Politiek	11739	v	29900	1	80	512	0			
192TV	11739	v	29900	1	82	513	0			
NPO Zapp Xtra/NPO Best	11739	v	29900	1	86	515	0			
FOX Channel	11739	v	29900	1	88	516	0			
Boomerang (eng)	11739	v	29900	1	90	517	37		English	
Boomerang (dut)	11739	v	29900	1	91	517	37			
Boomerang CZ	11739	v	29900	1	90	517	0			
Investigation Discovery	11739	v	29900	1	94	519	0			
Disney Channel (dut)	11739	v	29900	1	102	523	48			
Disney Channel (eng)	11739	v	29900	1	202	523	48			
ONS	11739	v	29900	1	96	520	0			
Test 3	11739	v	29900	1	107	530	0			
NPO2 HD (AC3,dut)	11739	v	29900	1	105	525	43			
NPO2 HD (nld)	11739	v	29900	1	115	525	43			
SBS6 HD	11739	v	29900	1	106	526	42			
FOX Sports EDL 1 HD	11739	v	29900	1	224	528	45			
the QYOU	11739	v	29900	1	134	534	0			
the QYOU CZ	11739	v	29900	1	134	534	0			
Discovery Channel	11739	v	29900	1	137	537	0			
EDGE	11739	v	29900	1	151	551	0			
EDGE CZ	11739	v	29900	1	151	551	0			
CD Infokanaal	11739	v	29900	1	82	562	0			
TVV Infokanaal	11739	v	29900	1	82	563	0			
Disney CZ (cze)	11798	h	29500	2	2020	2010	0			
Disney CZ (eng)	11798	h	29500	2	2030	2010	0			
Disney CZ (hun)	11798	h	29500	2	2040	2010	0			
Film+	11798	h	29500	2	2021	2011	0			
Discovery CZ (cze)	11798	h	29500	2	2022	2012	0			
Discovery CZ (eng)	11798	h	29500	2	2032	2012	0			
Filmbox Extra HD (AC3,cze)	11798	h	29500	2	2024	2014	0			
Filmbox Extra HD (AC3,qaa)	11798	h	29500	2	2034	2014	0			
Filmbox Extra HD (hun)	11798	h	29500	2	2044	2014	0			
Viasat HD (cze)	11798	h	29500	2	2025	2015	0			
Viasat HD (eng)	11798	h	29500	2	2035	2015	0			
Golf Channel (cze)	11798	h	29500	2	2026	2016	0			

Golf Channel (qaa)	11798	h	29500	2	2036	2016	0		
Sport 2 HD (cze)	11798	h	29500	2	2027	2017	0		
Sport 2 HD (slo)	11798	h	29500	2	2107	2017	0		
TV Paprika	11798	h	29500	2	2028	2018	0		
Filmbox Plus	11798	h	29500	2	2029	2019	0		
Filmbox Family (cze)	11798	h	29500	2	2520	2510	0		
Filmbox Family (qaa)	11798	h	29500	2	2540	2510	0		
Filmbox Premium	11798	h	29500	2	2521	2511	0		
Retro Music TV	11798	h	29500	2	2522	2512	0		
Nickelodeon CZ (cze)	11798	h	29500	2	2523	2513	0		
Nickelodeon CZ (eng)	11798	h	29500	2	2533	2513	0		
Sport 5	11798	h	29500	2	2524	2514	0		
UP NETWORK CZ (cze)	11798	h	29500	2	3595	3585	0		
UP NETWORK CZ (qaa)	11798	h	29500	2	3605	3585	0		
UP NETWORK	11798	h	29500	2	3605	3585	0		
duck TV	11798	h	29500	2	3596	3586	0		
duck TV DUT	11798	h	29500	2	3596	3586	0		
RELAX	11798	h	29500	2	2888	2878	0		
RELAX (1)	11798	h	29500	2	2898	2878	0		
REBEL	11798	h	29500	2	2889	2879	0		
REBEL (1)	11798	h	29500	2	2899	2879	0		
Mnam TV	11798	h	29500	2	2881	2871	0		
E! Entertainment CZ (cze)	11798	h	29500	2	2882	2872	0		
E! Entertainment CZ (eng)	11798	h	29500	2	2892	2872	0		
KinoSvet	11798	h	29500	2	2883	2873	0		
Nautical HD (eng)	11798	h	29500	2	2894	2874	0		
Nautical HD (rus)	11798	h	29500	2	2914	2874	0		
Nautical HD (deu)	11798	h	29500	2	2924	2874	0		
Nautical HD (fra)	11798	h	29500	2	2974	2874	0		
Nautical HD (ita)	11798	h	29500	2	2994	2874	0		
AMC (cze)	11798	h	29500	2	2885	2875	0		
AMC (eng)	11798	h	29500	2	2895	2875	0		
E! Entertainment DUT	11798	h	29500	2	2892	2872	0		
RTL4 HD (AC3,dut)	11856	v	29900	1	84	514	34		
RTL4 HD (nld)	11856	v	29900	1	96	514	34		
RTL5 HD (AC3,dut)	11856	v	29900	1	83	523	33		
RTL5 HD (nld)	11856	v	29900	1	93	523	33		
RTL7 HD (AC3,dut)	11856	v	29900	1	87	527	37		
RTL7 HD (nld)	11856	v	29900	1	97	527	37		
VTM HD	11856	v	29900	1	88	516	35		
RTL8 HD (AC3,dut)	11856	v	29900	1	94	518	38		
RTL8 HD (nld)	11856	v	29900	1	95	518	38		
Reality Kings	11856	v	29900	1	114	540	0		
Reality Kings CZ	11856	v	29900	1	114	540	0		
RTL lounge	11856	v	29900	1	92	522	0		
L1MBURG	11856	v	29900	1	100	550	50		
Q2 HD	11856	v	29900	1	106	556	66		
VIER HD	11856	v	29900	1	107	557	67		



RTL Z	11856	v	29900	1	115	558	0		
EUROSPORT2 NL (dut)	11856	v	29900	1	116	560	0		
EUROSPORT2 NL (eng)	11856	v	29900	1	136	560	0		
ZES	11856	v	29900	1	137	561	0		
Nova HD	11876	h	29900	2	7002	7001	0		
Nova HD (AC3)	11876	h	29900	2	7003	7001	0		
Prima HD	11876	h	29900	2	7022	7021	7024		
Prima HD (AC3)	11876	h	29900	2	7023	7021	7024		
Nova Sport 1 HD (cze)	11876	h	29900	2	7042	7041	0		
Nova Sport 1 HD (AC3,cze)	11876	h	29900	2	7043	7041	0		
Nova Sport 1 HD (qaa)	11876	h	29900	2	7044	7041	0		
Nova Action HD	11876	h	29900	2	7062	7061	0		
Nova Cinema HD	11876	h	29900	2	7082	7081	0		
Prima COOL HD	11876	h	29900	2	7102	7101	7104		
Prima COOL HD (AC3)	11876	h	29900	2	7103	7101	7104		
DAJTO HD (slo)	11876	h	29900	2	7122	7121	7124		
DAJTO HD (qaa)	11876	h	29900	2	7123	7121	7124		
TV JOJ HD (slo)	11876	h	29900	2	7142	7141	0		
TV JOJ HD (qaa)	11876	h	29900	2	7143	7141	0		
JOJ PLUS HD (slk)	11876	h	29900	2	7162	7161	0		
JOJ PLUS HD (qaa)	11876	h	29900	2	7163	7161	0		
RiK (slo)	11876	h	29900	2	7182	7181	0		
RiK (qaa)	11876	h	29900	2	7183	7181	0		
Nova International	11876	h	29900	2	7202	7201	0		
Omrop Fryslan Televisie	11915	h	29900	1	86	515	38		Dutch
TV Noord	11915	h	29900	1	88	516	40		
TV Drenthe	11915	h	29900	1	90	517	42		Dutch
TV Oost	11915	h	29900	1	92	518	44		
TV Gelderland	11915	h	29900	1	94	519	46		
Omroep Zeeland Televisie	11915	h	29900	1	96	520	48		Dutch
Omroep Brabant Televisie	11915	h	29900	1	98	521	50		
Fine Living. (eng)	11915	h	29900	1	134	534	65		
Fine Living. (cze)	11915	h	29900	1	234	534	65		
Fine Living. (hun)	11915	h	29900	1	335	534	65		
Fine Living. (rus)	11915	h	29900	1	334	534	65		
Fine Living CZ. (cze)	11915	h	29900	1	234	534	65		
Fine Living CZ. (eng)	11915	h	29900	1	134	534	65		
Fine Living CZ. (hun)	11915	h	29900	1	335	534	65		
Fine Living CZ. (rus)	11915	h	29900	1	334	534	65		
Fine Living HD (eng)	11915	h	29900	1	291	591	0		
Fine Living HD (cze)	11915	h	29900	1	403	591	0		
Fine Living HD (hun)	11915	h	29900	1	402	591	0		
Fine Living HD (rus)	11915	h	29900	1	401	591	0		
Fine Living HD CZ (eng)	11915	h	29900	1	291	591	0		
Fine Living HD CZ (cze)	11915	h	29900	1	403	591	0		
Fine Living HD CZ (hun)	11915	h	29900	1	402	591	0		
Fine Living HD CZ (rus)	11915	h	29900	1	401	591	0		
Food Network (eng)	11915	h	29900	1	136	536	64		


Food Network (hun)	11915	h	29900	1	310	536	64		
Food Network (cze)	11915	h	29900	1	404	536	64		
Food Network (bul)	11915	h	29900	1	312	536	64		
Food Network CZ (eng)	11915	h	29900	1	136	536	64		
Food Network CZ (hun)	11915	h	29900	1	310	536	64		
Food Network CZ (cze)	11915	h	29900	1	404	536	64		
Food Network CZ (bul)	11915	h	29900	1	312	536	64		
Food Network HD (eng)	11915	h	29900	1	300	537	63		
Food Network HD (hun)	11915	h	29900	1	301	537	63		
Food Network HD (tur)	11915	h	29900	1	302	537	63		
Food Network HD (cze)	11915	h	29900	1	405	537	63		
Food Network HD (bul)	11915	h	29900	1	313	537	63		
Food Network HD CZ (eng)	11915	h	29900	1	300	537	0		
Food Network HD CZ (hun)	11915	h	29900	1	301	537	0		
Food Network HD CZ (tur)	11915	h	29900	1	302	537	0		
Food Network HD CZ (cze)	11915	h	29900	1	405	537	0		
Travel Channel HD (eng)	11915	h	29900	1	340	535	0		
Travel Channel HD (hun)	11915	h	29900	1	342	535	0		
Travel Channel HD (rus)	11915	h	29900	1	344	535	0		
Travel Channel HD (cze)	11915	h	29900	1	341	535	0		
Travel Channel HD (bul)	11915	h	29900	1	346	535	0		
Travel Channel HD (ger)	11915	h	29900	1	343	535	0		
Travel Channel HD (tur)	11915	h	29900	1	347	535	0		
Travel Channel HD CZ (cze)	11915	h	29900	1	341	535	0		
Travel Channel HD CZ (eng)	11915	h	29900	1	340	535	0		
Travel Channel HD CZ (hun)	11915	h	29900	1	342	535	0		
Travel Channel HD CZ (ger)	11915	h	29900	1	343	535	0		
Travel Channel HD NL	11915	h	29900	1	340	535	0		
Outdoor Channel HD (eng)	11915	h	29900	1	289	589	0		
Outdoor Channel HD (tur)	11915	h	29900	1	389	589	0		
Outdoor Channel HD CZ (eng)	11915	h	29900	1	289	589	0		
Outdoor Channel HD CZ (tur)	11915	h	29900	1	389	589	0		
BT new2	11934	v	27500	2	120	110	150		German
BPK + KT new 2	11934	v	27500	2	220	210	0		
BR new2	11934	v	27500	2	320	310	0		
MAZ new2	11934	v	27500	2	420	410	0		
GERMAN TOTE TV	11934	v	27500	2	4120	4110	0		
FIGHTBOX	11934	v	27500	2	5020	5010	0		
DOCUBOX	11934	v	27500	2	5120	5110	0		
Prima Comedy Central	11934	v	27500	2	5220	5210	5230		
Prima MAX HD	11934	v	27500	2	5320	5310	5330		
Prima MAX HD (AC3)	11934	v	27500	2	5321	5310	5330		
EROXXX	11934	v	27500	2	5520	5510	0		






Prima ZOOM HD	11934	v	27500	2	5620	5610	0		
Prima ZOOM HD (AC3)	11934	v	27500	2	5621	5610	0		
Filmbox (cze)	11934	v	27500	2	5720	5710	0		
Filmbox (qaa)	11934	v	27500	2	5721	5710	0		
CS Film/CS Mini	11934	v	27500	2	5820	5810	0		
HOROR FILM	11934	v	27500	2	5920	5910	0		
Viasat History (cze)	11934	v	27500	2	6020	6010	0		
Viasat History (eng)	11934	v	27500	2	6021	6010	0		
Viasat History (hun)	11934	v	27500	2	6022	6010	0		
Viasat Explore/Spice (cze)	11934	v	27500	2	6120	6110	0		
Viasat Explore/Spice (eng)	11934	v	27500	2	6121	6110	0		
Viasat Explore/Spice (hun)	11934	v	27500	2	6122	6110	0		
Viasat Nature (cze)	11934	v	27500	2	6220	6210	0		
Viasat Nature (eng)	11934	v	27500	2	6221	6210	0		
Viasat Nature (hun)	11934	v	27500	2	6222	6210	0		
Prima Love	11934	v	27500	2	6320	6310	6330		
Nick Jr Czech (cze)	11934	v	27500	2	6420	6410	0		
Nick Jr Czech (eng)	11934	v	27500	2	6421	6410	0		
Nova Sport 2 HD (cze)	11973	v	29900	1	1020	1010	0		
Nova Sport 2 HD (qaa)	11973	v	29900	1	1021	1010	0		
Nova Sport 2 HD (AC3,cze)	11973	v	29900	1	1022	1010	0		
WAU HD (slo)	11973	v	29900	1	1120	1110	0		
WAU HD (qaa)	11973	v	29900	1	1121	1110	0		
Markiza International	11973	v	29900	1	1220	1210	0		
Nova Gold	11973	v	29900	1	1320	1310	1330		
Nova 2	11973	v	29900	1	1420	1410	1430		
JOJ Family HD (cze)	11973	v	29900	1	1520	1510	0		
JOJ Family HD (qaa)	11973	v	29900	1	1521	1510	0		
Minimax	11973	v	29900	1	1620	1610	0		
Leo TV	11973	v	29900	1	1720	1710	0		
Leo TV DUT	11973	v	29900	1	1720	1710	0		
Penthouse 1 HD	11973	v	29900	1	1920	1910	0		
Penthouse 1 HD CZ	11973	v	29900	1	1920	1910	0		
Penthouse 2 HD	11973	v	29900	1	2120	2110	0		
Penthouse 2 HD CZ	11973	v	29900	1	2120	2110	0		
esportsTV HD	11973	v	29900	1	2320	2310	0		
UNITEL CLASSICA HD	12032	h	27500	8	515	511	0		
AutoMotorSport HD (deu)	12032	h	27500	8	1024	1023	0		
AutoMotorSport HD (bul)	12032	h	27500	8	1025	1023	0		
AutoMotorSport HD (cze)	12032	h	27500	8	1026	1023	0		
AutoMotorSport HD (hun)	12032	h	27500	8	1027	1023	0		
Sport 1 HD (cze)	12070	h	27500	2	2720	2710	0		
Sport 1 HD (slo)	12070	h	27500	2	2721	2710	0		
Prima +1 HD	12070	h	27500	2	3720	3710	0		
Prima +1 HD (AC3)	12070	h	27500	2	3721	3710	0		
TV JOJ +1 HD (slo)	12070	h	27500	2	3820	3810	0		
TV JOJ +1 HD (qaa)	12070	h	27500	2	3821	3810	0		
JOJ Cinema HD (cze)	12070	h	27500	2	3920	3910	0		


JOJ Cinema HD (qaa)	12070	h	27500	2	3921	3910	0		
Novinka 8	12070	h	27500	2	0	4010	0		
Nat Geo HD (cze)	12090	v	29900	1	1504	1501	0		
Nat Geo HD (eng)	12090	v	29900	1	1506	1501	0		
Nat Geo HD (AC3,eng)	12090	v	29900	1	7014	1501	0		
Nat Geo HD (AC3,rus)	12090	v	29900	1	7016	1501	0		
Nat Geo HD (AC3,heb)	12090	v	29900	1	7017	1501	0		
Nat Geo HD (hun)	12090	v	29900	1	7018	1501	0		
Nat Geo HD CZ (eng)	12090	v	29900	1	1506	1501	0		
Nat Geo HD CZ (cze)	12090	v	29900	1	1504	1501	0		
Nat Geo Wild HD (eng)	12090	v	29900	1	1102	1101	0		
Nat Geo Wild HD (cze)	12090	v	29900	1	1104	1101	0		
Nat Geo Wild HD (bul)	12090	v	29900	1	7614	1101	0		
Nat Geo Wild HD (rus)	12090	v	29900	1	7616	1101	0		
Nat Geo Wild HD (dut)	12090	v	29900	1	7617	1101	0		
Nat Geo Wild HD (hun)	12090	v	29900	1	7618	1101	0		
Nat Geo Wild HD CZ (cze)	12090	v	29900	1	1104	1101	0		
Nat Geo Wild HD CZ (eng)	12090	v	29900	1	1102	1101	0		
Nat Geo Wild HD DUT (eng)	12090	v	29900	1	1102	1101	0		
Nat Geo Wild HD DUT (dut)	12090	v	29900	1	7617	1101	0		
HBO HD (cze)	12090	v	29900	1	7112	7111	0		
HBO HD (qaa)	12090	v	29900	1	7113	7111	0		
HBO2 (cze)	12090	v	29900	1	7252	7251	0		
HBO2 (qaa)	12090	v	29900	1	7253	7251	0		
HBO3 (cze)	12090	v	29900	1	7122	7121	0		
HBO3 (qaa)	12090	v	29900	1	7123	7121	0		
Cinemax (cze)	12090	v	29900	1	7262	7261	0		
Cinemax (qaa)	12090	v	29900	1	7263	7261	0		
TV Oranje	12090	v	29900	1	7152	7151	0		
MTV Europe CZ (cze)	12090	v	29900	1	7292	7291	0		
MTV Europe CZ (eng)	12090	v	29900	1	7293	7291	0		
Stingray iConcerts	12090	v	29900	1	7302	7301	0		
Stingray iConcerts CZ	12090	v	29900	1	7302	7301	0		
Stingray Brava HD	12090	v	29900	1	7322	7321	0		
Spektrum HD (cze)	12090	v	29900	1	7272	7271	0		
Spektrum HD (hun)	12090	v	29900	1	7273	7271	0		
regionalnitatevize.cz	12090	v	29900	1	7142	7141	0		Czech
Fishing and Hunting (cze)	12090	v	29900	1	7242	7241	0		
Fishing and Hunting (eng)	12090	v	29900	1	7243	7241	0		
AXN CZ (cze)	12090	v	29900	1	7282	7281	0		
AXN CZ (qaa)	12090	v	29900	1	7283	7281	0		
MNAU TV	12090	v	29900	1	7212	7211	0		
Fishing and Hunting INT	12090	v	29900	1	7243	7241	0		
Animal Planet	12110	h	27500	2	3550	3510	0		
Eurosport 2 HD (cze)	12110	h	27500	2	3521	3511	0		
Eurosport 2 HD (eng)	12110	h	27500	2	3531	3511	0		
Eurosport 2 HD (hun)	12110	h	27500	2	3541	3511	0		

Arena Sport	12110	h	27500	2	3522	3512	0		
History HD (cze)	12110	h	27500	2	4163	4003	0		
History HD (eng)	12110	h	27500	2	4243	4003	0		
History HD (hun)	12110	h	27500	2	4323	4003	0		
Markiza HD (slo)	12110	h	27500	2	3524	3514	4624		
Markiza HD (qaa)	12110	h	27500	2	3534	3514	4624		
Discovery Showcase HD CZ (cze)	12110	h	27500	2	3525	3515	0		
Discovery Showcase HD CZ (eng)	12110	h	27500	2	3535	3515	0		
DOMA HD (slo)	12110	h	27500	2	3526	3516	3626		
DOMA HD (qaa)	12110	h	27500	2	3536	3516	3626		
Eurosport 1 HD (cze)	12110	h	27500	2	4167	4007	0		
Eurosport 1 HD (eng)	12110	h	27500	2	4247	4007	0		
Eurosport 1 HD (hun)	12110	h	27500	2	4547	4007	0		
Eurosport 1 HD (dut)	12110	h	27500	2	4557	4007	0		
TLC (cze)	12110	h	27500	2	3528	3518	0		
TLC (eng)	12110	h	27500	2	3538	3518	0		
NGC (cze)	12110	h	27500	2	3529	3519	0		
NGC (eng)	12110	h	27500	2	3539	3519	0		
NGC (hun)	12110	h	27500	2	3549	3519	0		
Ceskoslovensko HD	12110	h	27500	2	3328	3318	0		
Discovery Showcase HD	12110	h	27500	2	3535	3515	0		
Festival HD	12110	h	27500	2	8012	8011	0		
Film Europe HD	12110	h	27500	2	3022	3012	0		
History HD DUT	12110	h	27500	2	4243	4003	0		
Crime Invest.	12110	h	27500	2	0	1011	0		
Eurosport 1 HD BE (eng)	12110	h	27500	2	4247	4007	0		
Eurosport 1 HD BE (dut)	12110	h	27500	2	4557	4007	0		
Animal Planet CZ (cze)	12110	h	27500	2	3520	3510	0		
Animal Planet CZ (eng)	12110	h	27500	2	3550	3510	0		
JimJam (eng)	12110	h	27500	2	3038	3018	0		
JimJam (dut)	12110	h	27500	2	3058	3018	0		
Film Europe INT HD	12110	h	27500	2	3022	3012	0		
JimJam CZ (cze)	12110	h	27500	2	3028	3018	0		
JimJam CZ (eng)	12110	h	27500	2	3038	3018	0		
JimJam CZ (hun)	12110	h	27500	2	3048	3018	0		
Film1 Comedy & Kids	12129	v	29900	1	80	512	0		
Film1 Sundance	12129	v	29900	1	82	513	0		
Penthouse	12129	v	29900	1	117	557	0		
Film1 Action	12129	v	29900	1	84	514	0		
Ziggo Sport Voetbal	12129	v	29900	1	86	515	0		
Ziggo Sport Golf	12129	v	29900	1	88	516	0		
FOX Sports EDL 3	12129	v	29900	1	90	517	0		
Cartoon	12129	v	29900	1	92	518	0		
SBS9	12129	v	29900	1	94	519	59		
TLC	12129	v	29900	1	103	524	0		
EVENAAR	12129	v	29900	1	154	554	0		

Film1 Premiere HD	12129	v	29900	1	111	521	0		
Penthouse CZ	12129	v	29900	1	117	557	0		
Ziggo Sport Select HD	12129	v	29900	1	100	522	0		
NGC HD	12129	v	29900	1	105	525	0		
KADET	12129	v	29900	1	120	550	50		
KetOp12	12129	v	29900	1	122	552	52		
VTMKazoom/Kanaal Z	12129	v	29900	1	126	556	0		
Vitaya	12129	v	29900	1	130	560	60		
CAZ	12129	v	29900	1	132	562	0		
Man-X	12129	v	29900	1	134	564	0		
VIJF	12129	v	29900	1	166	566	66		
Eurosport 1HD NL (dut)	12129	v	29900	1	107	567	0		
Eurosport 1HD NL (eng)	12129	v	29900	1	167	567	0		
Ocko TV	12168	v	27500	2	80	160	0		Czech
TV Lux	12168	v	27500	2	708	518	0		
TV Lux HD	12168	v	27500	2	36	35	0		
Chamber TV	12168	v	27500	2	56	55	0		
RTL Tele Letzebuerg 23.5	12168	v	27500	2	1142	1141	1146		Luxembourgish
TELEIPPICA 1	12168	v	27500	2	40	100	0		
TELEIPPICA 1 (1)	12168	v	27500	2	102	100	0		
TELEIPPICA 2	12168	v	27500	2	39	38	0		
TELEIPPICA 2 (1)	12168	v	27500	2	41	38	0		
AT5	12187	h	29900	1	101	512	32		
NET5 HD	12187	h	29900	1	102	514	34		
een HD (dut)	12187	h	29900	1	103	515	35		
een HD (mul)	12187	h	29900	1	113	515	35		
NPO1 HD (AC3,dut)	12187	h	29900	1	99	519	40		
NPO1 HD (nld)	12187	h	29900	1	119	519	40		
Canvas HD	12187	h	29900	1	104	516	36		
Veronica/DisneyXD HD	12187	h	29900	1	105	517	37		
NPO3 HD (AC3,dut)	12187	h	29900	1	106	518	38		
NPO3 HD (nld)	12187	h	29900	1	126	518	38		
FOX Sports 2 HD int	12187	h	29900	1	108	520	0		
RTL Crime	12187	h	29900	1	121	521	0		
24Kitchen	12187	h	29900	1	125	525	0		
EUROSPORT2 BE (dut)	12187	h	29900	1	160	560	0		
EUROSPORT2 BE (eng)	12187	h	29900	1	161	560	0		
TA3 HD	12363	v	29500	2	5024	5014	0		
STV1 HD (slo)	12363	v	29500	2	5025	5015	2162		
STV1 HD (qaa)	12363	v	29500	2	5035	5015	2162		
STV1 HD (AC3,slo)	12363	v	29500	2	5095	5015	2162		
STV1 HD (slo)	12363	v	29500	2	5115	5015	2162		
STV2 HD (slo)	12363	v	29500	2	5026	5016	2163		
STV2 HD (qaa)	12363	v	29500	2	5036	5016	2163		
STV2 HD (AC3,slo)	12363	v	29500	2	5096	5016	2163		
STV2 HD (slo)	12363	v	29500	2	5116	5016	2163		
TV Barrandov HD	12363	v	29500	2	5027	5017	0		

TV Barrandov HD (1)	12363	v	29500	2	5117	5017	0		
Kino Barrandov HD	12363	v	29500	2	5028	5018	0		
Kino Barrandov HD (1)	12363	v	29500	2	5118	5018	0		
Barrandov Plus HD	12363	v	29500	2	5029	5019	0		
Barrandov Plus HD (1)	12363	v	29500	2	5119	5019	0		
Noe TV	12363	v	29500	2	5030	5020	0		
CT1	12363	v	29500	2	5521	5511	5621		
CT2	12363	v	29500	2	5522	5512	5622		
Slagr TV	12363	v	29500	2	5523	5513	0		
TV8 HD	12363	v	29500	2	5524	5514	0		
213 HD	12363	v	29500	2	5525	5515	0		
TUTY	12363	v	29500	2	5526	5516	0		
CT 1 HD (cze)	12344	h	29900	1	1120	1110	1130		
CT 1 HD (qaa)	12344	h	29900	1	1121	1110	1130		
CT 1 HD (AC3,cze)	12344	h	29900	1	1122	1110	1130		
CT 1 HD (cze)	12344	h	29900	1	1123	1110	1130		
CT 2 HD (cze)	12344	h	29900	1	1220	1210	1130		
CT 2 HD (qaa)	12344	h	29900	1	1221	1210	1130		
CT 2 HD (AC3,cze)	12344	h	29900	1	1222	1210	1130		
CT 2 HD (cze)	12344	h	29900	1	1223	1210	1130		
CT 24 HD	12344	h	29900	1	1320	1310	1130		
CT 24 HD (1)	12344	h	29900	1	1323	1310	1130		
CT sport HD	12344	h	29900	1	1420	1410	1130		
CT sport HD (AC3)	12344	h	29900	1	1422	1410	1130		
CT sport HD (2)	12344	h	29900	1	1423	1410	1130		
CT :D/art HD (cze)	12344	h	29900	1	1520	1510	1130		
CT :D/art HD (qaa)	12344	h	29900	1	1521	1510	1130		
CT :D/art HD (AC3,cze)	12344	h	29900	1	1522	1510	1130		
CT :D/art HD (cze)	12344	h	29900	1	1523	1510	1130		
CT 1 SM HD (cze)	12344	h	29900	1	1120	1110	1130		
CT 1 SM HD (qaa)	12344	h	29900	1	1121	1110	1130		
CT 1 SM HD (AC3,cze)	12344	h	29900	1	1122	1110	1130		
CT 1 SM HD (cze)	12344	h	29900	1	1123	1110	1130		
CT 1 JM HD (cze)	12344	h	29900	1	1120	1110	1130		
CT 1 JM HD (qaa)	12344	h	29900	1	1121	1110	1130		
CT 1 JM HD (AC3,cze)	12344	h	29900	1	1122	1110	1130		
CT 1 JM HD (cze)	12344	h	29900	1	1123	1110	1130		
Prima PLUS HD	12344	h	29900	1	1920	1910	0		
Prima PLUS HD (AC3)	12344	h	29900	1	1921	1910	0		
JOJ Cinema +1 HD (cze)	12344	h	29900	1	2020	2010	0		
JOJ Cinema +1 HD (qaa)	12344	h	29900	1	2021	2010	0		
Skylink Ochutnavka (cze)	12344	h	29900	1	2120	2110	0		
Skylink Ochutnavka (eng)	12344	h	29900	1	2121	2110	0		
Astra UHD Demo	11778	v	27500	1	512	511	0		
SES UHD Demo	11778	v	27500	1	258	257	0		
Radio Beograd 1	11683	v	2734	3	5012	0	0		
AS FM	11683	v	2734	3	5032	0	0		
Radio B92 A	11683	v	2734	3	5052	0	0		

L1Radio	11856	v	29900	1	162	0	0		
Q-Music	11856	v	29900	1	126	0	0		
Joe FM	11856	v	29900	1	128	0	0		
Radio Oost	11915	h	29900	1	228	0	0		
Radio Gelderland	11915	h	29900	1	230	0	0		
Slam!	11915	h	29900	1	248	0	0		
Radio Veronica	11915	h	29900	1	270	0	0		
Sky Radio	11915	h	29900	1	272	0	0		
Classic FM	11915	h	29900	1	274	0	0		
Radio 538	11915	h	29900	1	276	0	0		
Radio 10	11915	h	29900	1	278	0	0		
BNR Nieuwsradio	11915	h	29900	1	282	0	0		
100% NL	11915	h	29900	1	235	0	0		Dutch
Arrow Classic Rock	11915	h	29900	1	237	0	0		
NPO Radio1	11915	h	29900	1	260	0	0		Dutch
NPO Radio2	11915	h	29900	1	262	0	0		
NPO 3FM	11915	h	29900	1	264	0	0		
NPO Radio4	11915	h	29900	1	266	0	0		Dutch
NPO Radio5	11915	h	29900	1	267	0	0		Dutch
Funx	11915	h	29900	1	241	0	0		
Proglas	11973	v	29900	1	5020	0	0		
COUNTRY RADIO	12070	h	27500	2	3329	0	0		
BEAT JM	12070	h	27500	2	3331	0	0		
BEAT JZ	12070	h	27500	2	3335	0	0		
BEAT SM	12070	h	27500	2	3337	0	0		
BEAT SV	12070	h	27500	2	3339	0	0		
COUNTRY JZ	12070	h	27500	2	3341	0	0		
COUNTRY SV	12070	h	27500	2	3343	0	0		
RADIO BEAT	12070	h	27500	2	3346	0	0		
MNM	12129	v	29900	1	140	0	0		
Studio Brussel	12129	v	29900	1	141	0	0		
Klara	12129	v	29900	1	142	0	0		
Q-Music	12129	v	29900	1	143	0	0		
JOEfm	12129	v	29900	1	144	0	0		
RTL Radio Letzebuerg	12168	v	27500	2	86	0	0		
radio 100,7 Letzebuerg	12168	v	27500	2	768	0	0		Luxembourgish
Radio Aktual	12363	v	29500	2	5829	0	0		
Slovensko	12363	v	29500	2	5881	0	0		
ReginaBA	12363	v	29500	2	5882	0	0		
ReginaBB	12363	v	29500	2	5883	0	0		
ReginaKE	12363	v	29500	2	5884	0	0		
Devin	12363	v	29500	2	5885	0	0		
Radio_FM	12363	v	29500	2	5886	0	0		
Pyramida	12363	v	29500	2	5887	0	0		
Litera	12363	v	29500	2	5888	0	0		
Junior	12363	v	29500	2	5889	0	0		
PatriaFM	12363	v	29500	2	5890	0	0		
PatriaRD	12363	v	29500	2	5901	0	0		

<i>Slovakia</i>	12363	v	29500	2	5902	0	0		
<i>Jemne melodie Z</i>	12363	v	29500	2	5903	0	0		
<i>Jemne melodie S</i>	12363	v	29500	2	5904	0	0		
<i>Jemne melodie V</i>	12363	v	29500	2	5905	0	0		
<i>Radio Lumen</i>	12363	v	29500	2	5906	0	0		
<i>Antena Rock</i>	12363	v	29500	2	5907	0	0		
<i>Radio-7</i>	12363	v	29500	2	5908	0	0		
<i>ZET</i>	12363	v	29500	2	5909	0	0		
<i>BEAT</i>	12363	v	29500	2	5920	0	0		
<i>BEAT JM</i>	12363	v	29500	2	5921	0	0		
<i>BEAT SM</i>	12363	v	29500	2	5922	0	0		
<i>BEAT JZ</i>	12363	v	29500	2	5923	0	0		
<i>BEAT SV</i>	12363	v	29500	2	5924	0	0		
<i>COUNTRY</i>	12363	v	29500	2	5925	0	0		
<i>COUNTRY JZ</i>	12363	v	29500	2	5926	0	0		
<i>COUNTRY SV</i>	12363	v	29500	2	5927	0	0		
<i>RADIO VLNA</i>	12363	v	29500	2	5519	0	0		
<i>CRo RADIOZURNAL</i>	12344	h	29900	1	6120	0	0		
<i>CRo DVOJKA</i>	12344	h	29900	1	6220	0	0		
<i>CRo VLTAVA</i>	12344	h	29900	1	6320	0	0		
<i>CRo PLUS</i>	12344	h	29900	1	6420	0	0		
<i>CRo RADIO WAVE</i>	12344	h	29900	1	6520	0	0		
<i>CRo RADIO JUNIOR</i>	12344	h	29900	1	6620	0	0		
<i>CRo D-DUR</i>	12344	h	29900	1	6720	0	0		
<i>CRo JAZZ</i>	12344	h	29900	1	6820	0	0		
<i>CRo REGINA DAB</i>	12344	h	29900	1	6920	0	0		
<i>CRo RADIO PRAHA</i>	12344	h	29900	1	7120	0	0		Czech
<i>CRo TEST DD</i>	12344	h	29900	1	7220	0	0		