

Position	Name	Sat	Frequency	Symbol	13V/18V	22kHz	LNB Type	IF Frequency	FEC / modulationMode
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001:	I10K 68E		12682H	26655	18V	On	Univ Ku	2082	1/2
002:	I10K 68E		12722V	26655	13V	On	Univ Ku	2122	1/2
003:	Insat45E S2		11550V	30000	13V	Off	Univ Ku	1800	HD 8PSK 3/4 (0x2b)
004:	Insat45E S2		11632V	30000	13V	Off	Univ Ku	1882	HD 8PSK 3/4 (0x2b)
005:	Turk 42E		11919V	24442	13V	On	Univ Ku	1319	3/4
006:	Turk 42E S2		10970V	30000	13V	Off	Univ Ku	1220	HD 8PSK 3/4 (0x2b)
007:	Turk 42E		12593H	8887	18V	On	Univ Ku	1993	3/4
008:	Turk 42E		12685H	30000	18V	On	Univ Ku	2085	5/6
009:	Hella39E		12565H	30000	18V	On	Univ Ku	1965	7/8
010:	Hella39E S2		12606H	30000	18V	On	Univ Ku	2006	HD 8PSK 3/4 (0x2b)
011:	Hella39E		12524V	30000	13V	On	Univ Ku	1924	7/8
012:	Eur3 33E		11429V	10100	13V	Off	Univ Ku	1679	HD QPSK 3/5 (0x22)
013:	Eur3 33E		12723V	16725	13V	On	Univ Ku	2123	HD QPSK 3/4 (0x24)
014:	Astra31E S2		12012V	30000	13V	On	Univ Ku	1412	HD 8PSK 3/4 (0x2b)
015:	Astra28E S2		11224H	27500	18V	Off	Univ Ku	1474	2/3
016:	Astra28E S2		11758H	29500	18V	Off	Univ Ku	2008	HD QPSK 3/4 (0x24)
017:	Astra28E S2		12364V	29500	13V	On	Univ Ku	1764	HD QPSK 3/4 (0x24)
018:	Badr 26E		12034H	27500	18V	On	Univ Ku	1434	3/4
019:	Badr 26E		12054V	27500	13V	On	Univ Ku	1454	3/4
020:	Astra23E		11876H	29900	18V	Off	Univ Ku	2126	HD 8PSK 3/4 (0x2b)
021:	Astra23E S2		11720H	28200	18V	On	Univ Ku	1120	HD 8PSK 5/6 (0x2c)
022:	Astra23E		12168V	27500	13V	On	Univ Ku	1568	3/4
023:	Astra23E S2		12188H	27500	18V	On	Univ Ku	1588	HD 8PSK 2/3 (0x2a)
024:	W6 21E		11619V	12500	13V	Off	Univ Ku	1869	2/3
025:	Astra19E S2		11097V	22000	13V	Off	Univ Ku	1347	5/6
026:	Astra19E		11598V	22000	13V	Off	Univ Ku	1848	5/6
027:	Astra19E S2		12382H	27500	18V	On	Univ Ku	1782	HD QPSK 9/10 (0x28)
028:	Astra19E S2		12441V	29700	13V	On	Univ Ku	1841	HD QPSK 5/6 (0x26)
029:	W2 16E		12654H	11111	18V	On	Univ Ku	2054	DVB QPSK 2/3 (0x02)
030:	W2 16E		11011V	27500	13V	Off	Univ Ku	1261	5/6
031:	W2 16E		11220H	30000	18V	Off	Univ Ku	1470	3/4
032:	W2 16E S2		11638H	30000	18V	On	Univ Ku	1038	HD 8PSK 5/6 (0x2c)
033:	Hotbird		10719V	27500	13V	Off	Univ Ku	969	5/6
034:	Hotbird S2		11013H	27500	18V	Off	Univ Ku	1263	HD 8PSK 2/3 (0x2a)
035:	Hotbird S2		11278V	27500	13V	Off	Univ Ku	1528	HD 8PSK 3/4 (0x2b)
036:	Hotbird S2		12342V	29900	13V	On	Univ Ku	1742	HD 8PSK 2/3 (0x2a)
037:	Hotbird		12654H	27500	18V	On	Univ Ku	2054	5/6
038:	Hotbird		12713V	29900	13V	On	Univ Ku	2113	5/6
039:	W1 10E 2		10756V	2480	13V	Off	Univ Ku	1006	7/8
040:	W1 10E		11221V	30000	13V	Off	Univ Ku	1471	HD QPSK 5/6 (0x26)
041:	W1 10E		11638H	5300	18V	On	Univ Ku	1038	5/6
042:	Euro9 9E		11919V	27500	13V	On	Univ Ku	1319	3/4
043:	Euro9 9E S2		12360H	27500	18V	On	Univ Ku	1760	HD 8PSK 2/3 (0x2a)
044:	W3A 7E		10928V	30000	13V	Off	Univ Ku	1178	HD QPSK 5/6 (0x26)
045:	W3A 7E		11554H	30000	18V	Off	Univ Ku	1804	DVB QPSK 3/4 (0x03)
046:	W3A 7E		11617V	30000	13V	Off	Univ Ku	1867	3/4
047:	Astra4A 5E		12245V	27500	13V	On	Univ Ku	1645	3/4
048:	Astra4A 5E		12245V	27500	13V	On	Univ Ku	1645	3/4
049:	Astra4A 5E		12637H	14466	18V	On	Univ Ku	2037	3/4
050:	Astra4A 5E		12286V	27500	13V	On	Univ Ku	1686	3/4
051:	Astra4A 5E		12399V	27500	13V	On	Univ Ku	1799	3/4
052:	Thor 1W		11216V	24500	13V	Off	Univ Ku	1466	7/8
053:	Thor 1W S2		11261H	25000	18V	Off	Univ Ku	1511	HD 8PSK 3/4 (0x2b)
054:	Thor 1W HD		12418V	28000	13V	On	Univ Ku	1818	DVB QPSK 7/8 (0x05)
055:	Thor 1W S2		11785H	30000	18V	On	Univ Ku	1185	HD 8PSK 3/4 (0x2b)
056:	Amos 4W		10722H	27500	18V	Off	Univ Ku	972	3/4
057:	Amos 4W		10806H	30000	18V	Off	Univ Ku	1056	DVB QPSK 3/4 (0x03)
058:	Amos 4W		11389H	27500	18V	Off	Univ Ku	1639	3/4

059: Amos 4W	11304H 13330	18V	Off	Univ Ku	1554	3/4
060: Atln3 5W	11554V 30000	13V	Off	Univ Ku	1804	7/8
061: Atln3 5W	12543H 27500	18V	On	Univ Ku	1943	3/4
062: Atln3 5W	12565V 30000	13V	On	Univ Ku	1965	7/8
063: Nile 7W	10719V 22000	13V	Off	Univ Ku	969	3/4
064: Nile 7W	10892H 27500	18V	Off	Univ Ku	1142	3/4
065: Nile 7W	12226H 27500	18V	On	Univ Ku	1626	3/4
066: Eutel8 8W	11177H 27500	18V	Off	Univ Ku	1427	5/6
067: Eutel8 8W 2	11471V 27500	13V	Off	Univ Ku	1721	5/6
068: Eutel8 8W	11678V 27500	13V	Off	Univ Ku	1928	3/4
069: Atl1 12W	11408V 27500	13V	Off	Univ Ku	1658	3/4
070: Tstar15W	11150V 19277	13V	Off	Univ Ku	1400	3/4
071: TStar15W	11150H 21600	18V	Off	Univ Ku	1400	3/4
072: TStar15W	12608H 19279	18V	On	Univ Ku	2008	2/3
073: NSS7 22W	11563H 6110	18V	Off	Univ Ku	1813	3/4
074: NSS7 22W	12673H 20250	18V	On	Univ Ku	2073	3/4
075: I905 24W	11477H 27500	18V	Off	Univ Ku	1727	3/4
076: Hispa30W	11771V 27500	13V	Off	Univ Ku	2021	3/4
077: Hispa30W	11851V 27500	13V	Off	Univ Ku	2101	3/4
078: Hispa30W	12456V 30000	13V	On	Univ Ku	1856	5/6
079: Hispa30W	12092V 27500	13V	On	Univ Ku	1492	3/4
081: Qtro HiV	12363V 29500	13V	On	Univ Ku	1763	HD QPSK 3/4 (0x24)
082: Qtro HiH	12344H 29500	18V	On	Univ Ku	1744	HD QPSK 3/4 (0x24)
083: Qtro LoV	10758V 22000	13V	Off	Univ Ku	1008	5/6
084: Qtro LoH	11464H 22000	18V	Off	Univ Ku	1714	5/6

UK					
15	16	17	21	25	

Nordic					
52	54	48	51	37	

Germany					
25	26	33	34	21	

Turkey					
5	6	37	25	26	

Quattro					
81	82	83	84	0	