

1.7 2300 – 2450 MHz Bandplan

Frequency	Maximum Bandwidth	Mode	Usage
2300.000 SUB-REGIONAL (national) BANDPLANNING (a)	20 kHz	ALL MODES	2304 - 2306 Narrow band segment in countries where the 2320-2322 segment is not available 2308 - 2310 Narrow band segment in HB
2320.000 2320.000 2320.150	500 Hz	TELEGRAPHY EXCLUSIVE (c) Telegraphy MGM (c)	2320.000-2320.025 EME 2320.138 PSK31 centre of activity
2320.150 2320.800	2700 Hz	TELEGRAPHY/ SSB (c)	2320.200 SSB centre of activity 2320.750-2320.800 Local Beacons (10W ERP max)
2320.800 2321.000		Telegraphy MGM	BEACONS EXCLUSIVE (c)
2321.000 2322.000	20 kHz	FM and Digital Voice	VOICE SIMPLEX & REPEATERS (b)
2322.000 2400.000		All Modes (b)	2322.000-2355.000 ATV 2355.000-2365.000 Digital communications 2365.000-2370.000 Repeaters 2370.000-2392.000 ATV 2392.000-2400.000 Digital communications
2400.000 2450.000		Amateur Satellite Service	2400 - 2402 Narrow band segment in countries where the 2320-2322 segment is not available 2400.500 : centre of activity 2400,800 – 2401,000 Coordinated NB beacons 2427.00 - 2443.00 ATV if no satellite uses this segment

1.7.1 Notes: BANDPLAN

- a. The words "Sub-regional (national) bandplanning" appearing in IARU Region 1 VHF/UHF/Microwave bandplans mean the following:

In bands and sub-bands not available throughout Region 1, band-planning should be coordinated on a sub-regional basis between the countries where those bands and sub-bands are allocated to the Amateur Service. The words "national bandplanning" refer to bands which are available only in a single country (such as the 70 MHz band allocation), or only in a few widely separated countries. (Torremolinos 1990)

- b. In countries where the ALL MODES segment 2322 - 2400 MHz is not allocated to the Amateur Service, the FM SIMPLEX & REPEATER segment 2321 - 2322 MHz may be used for digital data transmissions. For the specification of FM see section VIb
- c. In countries where the narrow-band segment 2320 - 2322 MHz is not available, the following alternative narrow-band segments can be used:

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- 2304 - 2306 MHz
- 2308 - 2310 MHz
- 2400 -2402 MHz

1.8 3400 -3475 MHz

Frequency	Maximum Bandwidth	Mode	Usage
3400.000	500 Hz	Telegraphy	3400.100 Centre of activity and EME (b)
3400.800		MGM ALL MODE	3400.750-3400.800 Local Beacons (d)
3400.800		MGM	BEACONS ONLY (e)
3400.995		Telegraphy ALL MODE	
3401.000	2700 Hz	ALL MODE	
3402.000		ALL MODE	SATELLITE DOWNLINKS (a) (c)
3410.000		ALL MODE	
3475.000			

1.8.1 Notes: BANDPLAN

Footnotes:

- CEPT footnote ECA17 no longer includes 3400-3410 MHz. However the CEPT ECA Table (ERC Report 25) still includes amateur service as a secondary allocation in 3400-3410 MHz
- EME Centre of Activity has migrated from 3456 to 3400.1MHz to promote harmonised usage and activity
- Amateur Satellite Service is allocated in 3400-3410MHz in Regions 2&3 and in some countries of Region-1.
- 3400.750-3400.800MHz may be designated for Local Beacon use (10W ERP max) by National Societies.
- Refer to Beacons Chapter for coordination of beacons in the beacon sub-band