

2300 – 2450 MHz

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The 13 cm band

This band plan is the simplified version, without the footnotes. If you want to have the fully detailed band plan please refer to the IARU Region 1 VHF Handbook.

IARU Spectrum Requirement

The amateur service requires retention of access to the band 2300 – 2450 MHz and upgrading where possible the band 2390 – 2450 MHz to primary status, and the amateur-satellite service requires retention of the band 2400 – 2450 MHz.

The band 2300-2450 MHz is allocated to the Amateur Service on a secondary basis in all three Regions. Actions by WARC-92, WRC-07 and certain administrations in their domestic allocations have reduced the amount of spectrum within this band available to the Amateur Service.

The band 2400-2500 MHz is used for ISM applications and is increasingly congested by (unlicensed) low-power devices such as radio local area networks (RLANs) creating significant interference levels. Substitute spectrum for the Amateur Satellite Service, which is restricted to the ISM segment, is therefore sought.

Band plan Landshut 2017

Frequency	maximum Bandwidth	MODE	USAGE
2300.000	20 KHz	All modes	2304 - 2306 Narrow band segment in countries where the 2320-2322 segment is not available
2320.000			2308 - 2310 Narrow band segment in HB
2320.000	500 Hz	Telegraphy	2320.000-2320.025 EME
2320.150			2320.138 PSK31 centre of activity
2320.150	2700 Hz	Telegraphy	2320.200 SSB centre of activity
2320.800		SSB	2320.750-2320.800 Local Beacons (10W ERP max)
2320.800		Telegraphy	Beacons exclusive
2321.000		MGM	
2321.000	20 KHz	FM	
2322.000		Digital Voice	Voice simplex and repeaters
2322.000		All modes	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		Amateur sattelite service	2400 - 2402 Narrow band segment in countries where the 2320-2322 segment is not available 2427.00 - 2443.00 ATV if no satellite uses this segment
2450.000			

Please see the IARU Region-1 VHF Handbook for details