

5650 – 5850 MHz

The 6 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 VHF managers Handbook

IARU Spectrum Requirement

The amateur service seeks the retention of at least secondary allocations of the band 5 650 – 5 850 MHz in all Regions and upgrade to primary status in the bands 5 650 – 5 670 MHz and 5 830 – 5 850 MHz. The amateur service seeks the retention of the band 5 850 – 5 925 MHz on a secondary basis in Region 2.

The amateur-satellite service seeks to retain access to the band 5 650 – 5 670 MHz in the Earth-to-space direction and 5 830 – 5 850 MHz in the space-to-Earth direction.

Relevant EU footnotes

EU17: In the sub-bands 3 400 - 3 410 MHz, **5 660 - 5 670 MHz**, 10.36 - 10.37 GHz, 10.45 - 10.46 GHz the amateur service operates on a secondary basis. In making assignments to other services, CEPT administrations are requested wherever possible to maintain these sub-bands in such a way as to facilitate the reception of amateur emissions with minimal power flux densities.

EU23: In the sub-bands **5 660 - 5 670 MHz (earth to space)**, **5 830 - 5 850 MHz (space to earth)** and 10.45 - 10.50 GHz the amateur-satellite additionally operates on a secondary and non interference basis to other services. In making assignments to other services, CEPT administrations are requested wherever possible to maintain these allocations in such a way as to facilitate the reception of amateur emissions with minimal power flux densities.

Band Plan - Varna 2014 (no changes in Landshut 2017)

Frequency	Maximum Bandwidth	Mode	Usage
5650.000	2 700 Hz	All modes	Amateur Satellite service (uplink)
5668.000			
5668.000	2 700 Hz	All modes	5668.200 Narrow band center of activity (a) AMATEUR SATELLITE SERVICE (up-link)
5670.000			
5670.000		MGM	
5700.000			
5700.000		ATV	
5720.000			
5720.000		All modes	
5760.000			
5760.000	2 700 Hz	All modes	5760.200 Narrow band center of activity 5760.750-5760.800 Local Beacon
5760.800			
5760.800		Telegraphy	Beacons only
5760.990		MGM	

5761.000	2 700 Hz	All modes	
5762.000			
5762.000		All modes	
5790.000			
5790.000		All modes	Amateur Satellite service (down link)
5850.000			

Please see the IARU Region 1 VHF Handbook for details