

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 | | 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 | | All modes | |
| 5790.000 | | All modes | |
| 5790.000 | | All modes | Amateur Satellite service (down link) |
| 5850.000 | | | |

Please see the IARU Region 1 VHF Handbook for details