

RSGB Band Plan (effective from 1st January 2024)

The following band plan is largely based on that agreed at IARU Region 1 General Conferences with some local differences on frequencies above 430 MHz.

| 5.7 GHz (6cm) IARU Recommendation | Necessary Bandwidth | UK Usage |
|---|------------------------|--|
| 5,650.000-5,668.000 MHz Satellite uplinks | 2.7kHz | All Modes Amateur Satellite Service - Earth to Space only |
| 5,668.000-5,670.000 | | 5,668.200 MHz Alternative narrowband centre |
| 5,670.000-5,680.000 | | All Modes |
| 5,755.000-5,760.000 | | All Modes |
| 5,760.000-5,762.000 | 2.7kHz | Narrowband Modes (including CW, SSB, MGM, EME) 5,760.100 MHz Preferred centre of activity |
| | | 5,760.750-5,760.800 MHz Local Beacons, 10W erp max |
| 5760.800-5760.995 | | 5,760.800-5,760.995 MHz Propagation Beacons only |
| Propagation Beacons | | |
| 5,762.000-5,765.000 | | All Modes |
| 5,820.000-5,830.000 | | All Modes |
| 5,830.000-5,850.000 Satellite downlinks | | All Modes Amateur Satellite Service - Space to Earth only |
| LICENCE NOTES: Amateur Service: 5,650-5,680 MHz - Secondary User. 5,755-5,765 and 5,820-5,850 MHz - Secondary User: <i>Users must accept interference from ISM users.</i> Amateur Satellite Service: 5,650-5,670 MHz and 5,830-5,850 MHz Secondary User: <i>Users must accept interference from ISM users.</i> Note specific conditions apply within 50km of SS206127 (Bude) or SE202577 (Harrogate). <i>ISM = Industrial, scientific and medical</i> | | |

Notes to the Band Plan

ITU-R Recommendation SM.328 (extract)

Necessary bandwidth: For a given class of emission, the width of the frequency band which is just sufficient to ensure the transmission of information at the rate and with the quality required under specified conditions.

The use of Amplitude Modulation (AM) is acceptable in the all modes segments but users are asked to consider adjacent channel activity when selecting operating frequencies.

Foundation and Intermediate Licence holders are advised to check their licences for the permitted power limits and conditions applicable to their class of licence.