

# RSGB Band Plan (effective from 1st January 2021)

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.

70 MHz (4m)	Necessary Bandwidth	UK Usage (Note 1)
70.000-70.090 MHz	1 kHz	Propagation Beacons only
70.090-70.100	1 kHz	Personal Beacons
70.100-70.250	2.7 kHz	<b>Narrow Band modes</b> 70.185 MHz Cross-band activity centre 70.200 MHz CW/SSB centre 70.250 MHz MS centre
70.250-70.294	12 kHz	<b>All Modes</b> 70.260 MHz AM/FM calling 70.270 MHz MGM centre of activity
70.294-70.500	12 kHz	<b>All modes channelised operations using 12.5 kHz spacing.</b> 70.3000 MHz 70.3125 MHz Digital modes 70.3250 MHz DX Cluster 70.3375 MHz Digital modes 70.3500 MHz Internet voice gateway (Note 2) 70.3625 MHz Internet voice gateway 70.3750 MHz See Note 2 70.3875 MHz Internet voice gateway 70.4000 MHz See Note 2 70.4125 MHz Internet voice gateway 70.4250 MHz FM simplex - used by GB2RS news broadcast 70.4375 MHz Digital modes (special projects) 70.4500 MHz FM calling 70.4625 MHz Digital modes 70.4750 MHz 70.4875 MHz Digital modes
<b>Note 1: Usage by operators in other countries may be influenced by restrictions in their national allocations</b> <b>Note 2:</b> May be used for Emergency Communications and Community Events  <b>LICENCE NOTES:</b> Amateur Service 70.0-70.5 MHz <b>Secondary User: 160W (22dBW) Maximum</b> Available on the basis of non-interference to other services (inside or outside the UK).		

## Notes to the Band Plan

**Note-1: Access to 70.5 - 71.5 MHz by Full Licensees is also possible by NoV**

## 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.