



RSGB

Foundation Licence Amateur Radio Band Plans

© Radio Society of Great Britain 2007

144MHz (2m)	Necessary Bandwidth	UK Usage
144.000-144.110 MHz	500Hz	Telegraphy and data 144.050 MHz Telegraphy calling
144.110-144.150	500Hz	Telegraphy and data 144.138 MHz PSK31 centre of activity
144.150-144.180	2700Hz	Telegraphy and data 144.150-144.160 MHz FAI and Moonbounce (EME) activity SSB
144.180-144.360	2700Hz	Telegraphy and SSB 144.175 MHz Microwave talk-back 144.200 MHz Random MS SSB calling frequency 144.250 MHz GB2RS news broadcast and slow Morse 144.300 MHz SSB calling
144.360-144.399	2700Hz	Telegraphy, MGM, SSB 144.370 MHz MGM calling frequency
144.400-144.490		Propagation Beacons only
144.490-144.500		(Guard band)
144.500-144.794	20 kHz	All Modes 144.500 MHz SSTV calling 144.525 MHz ATV SSB Talk back 144.600 MHz RTTY calling 144.600 MHz RTTY working (FSK) 144.625-144.675 MHz Can be used by RAYNET 144.700 MHz FAX calling 144.750 MHz ATV Talk back 144.775-144.794 MHz Can be used by RAYNET
144.794-144.990	12 kHz	MGM Packet radio 144.800-144.9875 MHz Digital modes (including unattended) 144.8250 MHz Internet voice gateway 144.8375 MHz Internet voice gateway 144.8500 MHz AX25 BBS user access 144.9750 MHz High speed 25 kHz channel
144.990-145.1935	12 kHz	FM RV48 RV63 Repeater input exclusive (Note 2)
145.200	12 kHz	FM Space communications (e.g. I.S.S.) - Earth-Space
145.200-145.5935	12 kHz	FM V16-V48 FM simplex (Note 3) 145.2125 MHz Internet voice gateway 145.2375 MHz Internet voice gateway 145.2500 MHz Used for slow Morse 145.2875 MHz Internet voice gateway 145.3000 MHz RTTY local 145.3375 MHz Internet voice gateway 145.5000 MHz Mobile calling 145.5250 MHz Used for GB2RS news broadcast. 145.5500 MHz Used for rally/exhibition talk-in
145.5935-145.7935	12 kHz	FM RV48 - RV63 Repeater output (Note 2)
145.800	12 kHz	FM Space communications (e.g. I.S.S.) - Space-Earth
145.805-146.000	12 kHz	All Modes - Satellite exclusive

14MHz (20m)	Necessary Bandwidth	UK Usage
14,000-14,060 kHz	200 Hz	Telegraph - contest preferred 14,055 kHz QRS (slow telegraphy) Centre of Activity
14,060-14,070	200 Hz	Telegraphy 14,060 kHz QRP (low power) Centre of Activity
14,070-14,089	500 Hz	Narrow band modes
14,089-14,099	500 Hz	Narrow band modes - automatically controlled datastations (unattended) 14,099-14,101 IBP - reserved exclusively for beacons
14,101-14,112	2.7 kHz	All modes - automatically controlled data stations (unattended)
14,112-14,125	2.7 kHz	All modes (excluding digimodes)
14,125-14,300	2.7 kHz	All modes SSB contest preferred segment 14,195 +- 5 kHz Priority for Dxpeditions 14,230 kHz Image Centre of Activity. 14,285 kHz QRP Centre of Activity
14,300-14,350	2.7 kHz	All modes 14,300 kHz Global Emergency Centre of Activity

Note 1.

Meteor scatter operation can take place up to 26kHz higher than the reference frequency.

Note 2.

12.5kHz channels numbered RV48-RV63. RV48 input = 145.000 MHz, output = 145.600 MHz.

Note 3.

12.5kHz simplex channels numbered V16-V46. V16=145.200 MHz.

Licence Notes: Amateur Service & Amateur Satellite Service: Primary User. Beacons may be established for DF competitions except within 50 km of TA 012869 (Scarborough).

Licence Notes: Amateur Service - Primary User. 14,000-14,250 kHz Amateur Satellite Service - Primary User.

Fig 24: This is an example of a simplified bandplan similar to the one you will be provided with during your exam. Bandplans exist for all amateur radio bands but only the two shown are ones on which you will be tested. Complete and up to date bandplans are available from the RSGB website www.rsgb.org/bandplans.