

RSGB Band Plan (effective from 1st January 2009)

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

3.4 GHz (9cm) IARU Recommendation	UK Usage	
3,400.000-3,402.000 MHz Narrow band CW/EME/SSB	3,400.100 MHz	Centre of activity (Note 1)
3,400.800-3,400.995 Propagation Beacons	3,400.750-3,400.800 MHz	Local Beacons, 10W erp max
	3,400.800-3,400.995 MHz	Propagation Beacons only
3,402.000-3,410.000 All modes (Notes 2, 3)	3,401.000-3,402.000 MHz	Remote control
3,410.000-3,475.000 All modes (Note 4)	3,456.000 MHz	(Note 1)
<p>Note 1: EME has migrated from 3456 MHz to 3400 MHz promote harmonised usage and activity</p> <p>Note 2: Stations in many European countries have access to 3400-3410 MHz as permitted by ECA Table Footnote EU17</p> <p>Note 3: Amateur Satellite downlinks planned</p> <p>Note 4: Parts of this range are subject to regulatory change. Contact the Microwave Manager for further information</p> <p>LICENCE NOTES: Amateur Service - Secondary User.</p> <p>Unattended operation is permitted for remote control, digital modes and beacons, except in the sub-bands 3,420-3,430 MHz and 3,450-3,455 MHz within 50 km of SO916223 (Cheltenham), SS206127 (Bude) and SE202577 (Harrogate).</p> <p><i>ISM = Industrial, scientific and medical</i></p>		

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.