

## 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 on frequencies above 430 MHz.

1.3 GHz (23cm)	Necessary Bandwidth	UK Usage
1240.000-1240.500	2700Hz	Alternative narrowband segment - see Note 7 1240.00-1240.750 MHz
1240.500-1240.750		Alternative Propagation Beacon Segment
1240.750-1241.000	20kHz	FM/DV Repeater Inputs
1241.000-1241.750 All modes	150 kHz	DD High Speed Digital Data - 5 x 150kHz channels 1241.075, 1241.225, 1241.375, 1241.525, 1241.675 MHz (+/- 75 kHz)
1241.750-1242.000 All modes	20kHz	25 kHz Channels available for FM/DV use 1241.775-1241.975 MHz
1242.000-1249.000 ATV		TV Repeaters (Note 9) New DATV repeater inputs (Note-10) Original ATV repeater inputs: 1248, 1249
1249.000-1249.250	20kHz	FM/DV Repeater Outputs, 25kHz channels (Note 9) 1249.025-1249.225 MHz
1250.00		In order to prevent interference to Primary Users, caution must be exercised prior to using 1250-1290MHz in the UK
1,260.000-1,270.000 Satellites		Amateur Satellite Service - Earth to Space uplinks only
1290.00		
1290.994-1291.481	20 kHz	FM/DV Repeater Inputs (Note-5) 1291.000-1291.375 MHz (RM0-RM15) 25 kHz spacing
1291.494-1296.000 All modes		All Modes
1296.000-1296.150 Telegraphy, MGM	500 Hz	Preferred narrowband segment 1296.000-1296.025 MHz Moonbounce
1296.150-1296.800 Telegraphy, SSB and MGM (Note 1)	2700 Hz	1296.200 MHz Narrow band centre of activity 1296.400-1296.600 MHz Linear transponder input 1296.500 MHz Image Mode Centre of Activity (SSTV, Fax etc) 1296.600 MHz Narrowband Data Centre of Activity (MGM, RTTY etc) 1296.600-1296.700 MHz Linear transponder output
		1296.741-1296.743 MHz Personal Weak Signal MGM Beacons
1296.800-1296.994 Beacons exclusive		1296.750-1296.800 MHz Local Beacons, 10W ERP max 1296.800-1296.990 MHz Propagation Beacons only
1296.994-1297.481	20 kHz	FM/DV Repeater Outputs (Note-5) 1297.000-1297.375 MHz (RM0-RM15)
1297.494-1297.981 FM/DV simplex (Notes 2, 5, 6)	20 kHz	FM/DV Simplex (Note-5)(Note-6) 25 kHz spacing 1297.500-1297.750 MHz (SM20-SM30) 1297.725 MHz Digital Voice (DV) Calling (IARU recommended) 1297.900-1297.975 MHz FM Internet voice gateways (IARU common channels, 25kHz)
1298.000-1299.000 All modes	20 kHz	All Modes General mixed analogue or digital use in channels 1298.025-1298.975 MHz (RS1-RS39)
1299.000-1299.750 All modes	150 kHz	DD High Speed Digital Data - 5 x 150kHz channels 1299.075, 1299.225, 1299.375, 1299.525, 1299.675 MHz (+/- 75 kHz)
1299.750-1300.000 All modes	20 kHz	25 kHz Channels available for FM/DV use 1299.775-1299.975 MHz
1300.000-1325.000 ATV		TV repeaters (UK only) (Note 9) New DATV repeater outputs (Note-10) Original ATV repeater outputs: 1308.0, 1310.0, 1311.5, 1312.0, 1316.0, 1318.5 MHz
<p><b>Note 1:</b> Local traffic using narrow band modes should operate between 1296.500-1296.800 MHz during contests and band openings.</p> <p><b>Note 2:</b> Stations in countries that do not have access to 1298-1300 MHz may also use the FM simplex segment for digital communications.</p> <p><b>Note 5:</b> Embedded data traffic is allowed with digital voice (DV)</p> <p><b>Note 6:</b> Simplex use only - no DV gateways</p> <p><b>Note 7:</b> 1240.000-1240.750 has been designated by IARU as an alternative centre for narrowband activity and beacons. Operations in this range should be on a flexible basis to enable coordinated activation of this alternate usage</p> <p><b>Note 8:</b> The band 1240-1300MHz is subject to major replanning. Contact the Microwave Manager for further information</p> <p><b>Note 9:</b> Repeaters and Migration to DATV, inc option for new DATV simplex are subject to further development and coordination</p> <p><b>Note-10:</b> QPSK 4 Mega-symbols/second maximum recommended</p> <p><b>LICENCE NOTES:</b> Amateur Service: <b>Secondary User:</b> Amateur Satellite Service: 1,260-1,270 MHz <b>Secondary User Earth to Space only:</b> Note specific conditions within 1240-1325MHz and within 50km of SS206127 (Bude), SE202577 (Harrogate), or in Northern Ireland.</p>		