RSGB Band Plan (effective from 1st January 2025)

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

430 MHz (70cm) IARU Recommendation	**Necessary Bandwidth**	**UK Usage**
430.0000-431.9810 MHz All modes		430.0125-430.1000 MHz FM Internet voice gateways (Notes 7, 8) 430.1250-430.1375 MHz UK DV 9 MHz split repeaters - Inputs - (Note-10) 430.250-430.300 MHz UK DV 9 MHz reverse-split repeaters - Outputs
430.4000-430.5750 digital links **430.6000-430.9250** digital repeaters		430.400-430.775 MHz UK DV 9 MHz split repeaters - Inputs 430.7875 MHz UR63 UK Reverse 7.6 MHz split repeater - Input 430.8000 MHz 7.6 MHz Talkthrough (Note 10) 430.8125-430.9750 MHz RU65-RU78 7.6 MHz split repeaters – outputs **See licence exclusion note; 431-432 MHz** 430.9900-431.9000 MHz Digital Communications 431.0250-431.2500 MHz DV Internet voice gateways (Note 8)
432.0000-432.4 000 **All narrowband modes**	2700 Hz	432.2000 MHz CW/SSB centre of activity 432.3500 MHz Microwave talkback (Europe)
432.4000-432.4900	500 Hz	**Propagation Beacons only** 432.491-432.493 MHz Personal Weak Signal MGM Beacons (BW: 500 Hz max)
432.5000-432. 9940 All modes Non-channelised	12 kHz (Note 11)	432.5000 MHz Narrow band SSTV activity centre 432.6250-432.6750 MHz Digital communications 432.7750 MHz 1.6 MHz Talkthrough - Base TX (Note 10)
432.9940-433.3810 FM repeater outputs in UK only (Note 1)	12 kHz (Note 11)	433.0000-433.3750 MHz (RB0-RB15) RU240-RU270… and RBW0-RBW30 5 MHz split repeater outputs FM/DV repeater outputs in UK only
433.3940-433.5810 FM/DV (Notes 12, 13) Simplex Channels	12kHz (Note 11)	433.4000 MHz U272; IARU Region 1 SSTV (FM/AFSK) 433.4250 MHz U274 433.4500 MHz U276 (Note 5) 433.4750 MHz U278 433.5000 MHz U280 FM Calling channel 433.5250 MHz U282 433.5500 MHz U284 Used for Rally/Exhibition talk-in 433.5750 MHz U286
433.6000-434.0000 All modes 433.800 MHz for APRS where 144.800 MHz cannot be used.		433.6250-433.6750 MHz Digital communications 433.7000-433.7750 MHz (Note 10) 433.8000-434.2500 MHz Digital communications & Experiments (Note 3)
434.000-434.5940	12 kHz (Note 11)	434.0000 Low Power Hot-Spot usage (Note 4) 433.9500-434.0500 MHz Internet voice gateways (Note 8) 434.3750 MHz 1.6 MHz Talkthrough - Mobile TX (Note 10) 434.4750-434.5250 MHz DV Internet voice gateways (Note 8)
434.594 0-434.9810 FM repeater inputs in UK	12 kHz (Note 11)	434.6000-434.9750 MHz (RB0-RB15) RU240-RU270 FM/DV repeater inputs in UK only (Note 12).
435.0000-436.0000 **436.0000-438.0000** **438.0000-4 40.0000** All modes		Satellites only Satellites and Experimental DATV/Data 437.0000 Experimental DATV/Data Centre of Activity (Note 14) 438.0000-438.3750 RBW00-RBW30 5 MHz split repeaters - inputs 438.0250-438.1750 MHz IARU Region 1 Digital communications 438.2000-439.4250 MHz (Note 1) 438.4000 MHz 7.6 MHz Talkthrough (Note 10) 438.4125-438.5750 MHz RU65-RU78 7.6MHz split repeaters – inputs 438.6125 MHz UK DV calling (Note 12) (Note 13) 438.8000 Low Power Hot-Spot usage (Note 4) 438.3875 MHz UR63 Reverse 7.6 MHz split repeaters output 439.1250-439.1375 MHz UK DV 9 MHz split repeaters - Outputs (Note-10) 439.250-439.300 MHz UK DV 9 MHz reverse-split repeaters - Inputs 439.6000-440.0000 MHz Digital communications 439.400-439.775 MHz UK DV 9 MHz split repeaters - Outputs 439.900 - 439.9875 MHz Digital Communications including Low Power Lora Gateways; Pagers etc (Note-9)

Note 1: UK Repeaters in this band are based on 1.6, 5.0, 7.6 and 9MHz frequency splits
and 12kHz BW to support 12.5kHz spacing.
European systems may be different or reverse of our splits - See RSGB and ETCC websites for further information.
Note 2: 430-440 MHz FM/DV maximum bandwidths are 12.5 or 25 kHz as appropriate
Note 3: Digital Experiments include adhoc new and/or wider bandwidth modes such as Lora etc - also see Note 9 re 439.9MHz
Note 4: Hot Spots - 438.775 and 438.7875 MHz are also options if preferred channels above are not available
Note 5: In other countries IARU Region-1 recommend 433.450 MHz for DV calling
Note 7: Users must accept interference from repeater output channels in France and the Netherlands at 430.025-430.575 MHz.
Users with sites that allow propagation to other countries (notably France and the Netherlands) must survey the proposed
frequency before use to ensure that they will not cause interference to users in those countries.
Note 8: All Internet voice gateways: 12.5kHz channels, maximum deviation +-2.4kHz, maximum erp 5W (7 dBW),
Note 9: Coordinated usage includes - Low-power Lora 125kHz Max BW at 439.9125 MHz, POCSAG Pagers at 439.9875MHz
Note 10: May be used for Emergency Communications and Community Events
Note 11: IARU Region 1 recommended maximum bandwidths are 12kHz to support 12.5kHz channel spacing
Note 12: Embedded data traffic is allowed with digital voice (DV)
Note 13: Simplex use only - no DV gateways
Note 14: QPSK 2 Mega-symbols/second maximum recommended

LICENCE NOTES: Amateur Service: **Secondary User.** Amateur Satellite Service: 435-438MHz: **Secondary User**
Note specific conditions within 430-440MHz
Exclusion: 431-432 MHz not available within 100km radius of Charing Cross, London.
Power Restriction: 430-432 MHz is 40W erp maximum