

UK Amateur Band Plan 160 m – 70 cm · Reference sheet

Companion to the poster. RSGB Band Plan master workbook, issue January-2026; Ofcom licence schedule (Feb 2024); FT8 = WSJT-X operating convention. Generated 2026-10-10. 'Status' distinguishes legal permission (licence), voluntary RSGB recommendation, and operating convention.

160 m 1.81–2 MHz · F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS				
MHz	Description	Status	Poster	Source row(s) and RSGB wording
1.810–1.838	CW	recommendation	block, labelled 'CW'	1.8MHz!R9 1,810-1,838 kHz Telegraphy
1.838–1.840	Narrow band	recommendation	block, labelled 'NB'	1.8MHz!R10 1,838-1,840 Narrow band modes
1.840–1.843	All modes	recommendation	block, labelled 'All'	1.8MHz!R11 1,840-1,843 All modes
1.843–2.000	Phone & CW (lowest LSB dial 1.843)	recommendation	block, labelled 'Phone & CW (lowest LSB dial 1.843)'	1.8MHz!R12; 1.8MHz!R16 1,843-2,000 Telephony (Note 1), Telegraphy Note 1: Lowest LSB carrier frequency (dial setting) should be 1,843 kHz.

SECTION BOUNDARIES
1.810, 1.838, 1.840, 1.843, 2.000

CALLING FREQUENCIES & CENTRES OF ACTIVITY				
MHz	Description	Status	Poster	Source row(s) and RSGB wording
1.836	1.836 QRP CW	recommendation	plotted	1.8MHz!R13 1,836 kHz QRP (low power) Centre of Activity,
1.960	1.960 DF contest beacons	recommendation	plotted	1.8MHz!R14 1,960 kHz DF Contest beacons (14dBW)

FT8 (OPERATING CONVENTION)				
MHz	Description	Status	Poster	Source row(s) and RSGB wording
1.840	1.840 FT8	operating convention	plotted	ft8.yaml

LICENCE RESTRICTIONS (OFCOM)				
MHz	Description	Status	Poster	Source row(s) and RSGB wording
1.850–2.000	1.850–2.000 Secondary · I & Full 32 W max	licence	overlay bar + band note	licence.yaml

80 m 3.5–3.8 MHz · F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS				
MHz	Description	Status	Poster	Source row(s) and RSGB wording
3.500–3.510	CW · DX priority	recommendation	block, labelled 'CW DX'	3.5MHz!R9 3,500-3,510 kHz Telegraphy - Priority for inter-continental operation
3.510–3.560	CW · contest preferred	recommendation	block, labelled 'CW · contest preferred'	3.5MHz!R10 3,510-3,560 Telegraphy - contest preferred. 3,555 kHz - QRS (slow telegraphy) Centre of Activity
3.560–3.570	CW	recommendation	block, labelled 'CW'	3.5MHz!R11 3,560-3,570 Telegraphy 3,560 kHz - QRP (low power) Centre of Activity

MHz	Description	Status	Poster	Source row(s) and RSGB wording
3.570–3.580	Narrow band	recommendation	block, labelled 'Narrow band'	3.5MHz!R12 3,570-3,580 Narrow band modes
3.580–3.590	Narrow band	recommendation	block, labelled 'Narrow band'	3.5MHz!R13 3,580-3,590 Narrow band modes
3.590–3.600	Narrow band · unattended data	recommendation	block, labelled 'Dig'	3.5MHz!R14 3,590-3,600 Narrow band modes - automatically controlled data stations (unattended)
3.600–3.620	All · unattended data	recommendation	block, labelled 'All · unattended data'	3.5MHz!R15; 3.5MHz!R16 3,600-3,620 All modes - automatically controlled data stations (unattended), (Note 1) 3,600-3,650 All modes - Phone contest preferred, (Note 1). 3,630kHz - digital voice Center of Activity
3.620–3.650	All modes · phone contest	recommendation	block, labelled 'All modes · phone contest'	3.5MHz!R16 3,600-3,650 All modes - Phone contest preferred, (Note 1). 3,630kHz - digital voice Center of Activity
3.650–3.700	All modes · phone & CW	recommendation	block, labelled 'All modes · phone & CW'	3.5MHz!R17 3,650-3,700 All modes - Telephony, Telegraphy
3.700–3.775	All modes · phone contest	recommendation	block, labelled 'All modes · phone contest'	3.5MHz!R20 3,700-3,775 All modes - Phone contest preferred
3.775–3.800	All · DX SSB priority	recommendation	block, labelled 'All · DX SSB priority'	3.5MHz!R23; 3.5MHz!R24 3,775-3,800 All modes - Phone contest preferred Priority for inter-continental telephony (SSB) operation

SECTION BOUNDARIES

3.500, 3.510, 3.560, 3.570, 3.580, 3.590, 3.600, 3.620, 3.650, 3.700, 3.775, 3.800

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
3.555	3.555 QRS	recommendation	plotted	3.5MHz!R10 3,510-3,560 Telegraphy - contest preferred. 3,555 kHz - QRS (slow telegraphy) Centre of Activity
3.560	3.560 QRP CW	recommendation	plotted	3.5MHz!R11 3,560-3,570 Telegraphy 3,560 kHz - QRP (low power) Centre of Activity
3.630	3.630 DV	recommendation	plotted	3.5MHz!R16 3,600-3,650 All modes - Phone contest preferred, (Note 1). 3,630kHz - digital voice Center of Activity
3.663	3.663 UK EmComm	recommendation	plotted	3.5MHz!R18 3,663 kHz may be used for UK emergency comms traffic.
3.690	3.690 SSB QRP	recommendation	plotted	3.5MHz!R19 3,690 kHz SSB QRP (low power) Centre of Activity.
3.735	3.735 Image	recommendation	plotted	3.5MHz!R21 3,735 kHz Image mode Centre of Activity
3.760	3.760 R1 Emergency	recommendation	plotted	3.5MHz!R22 3,760 kHz IARU Region 1 Emergency Centre of Activity

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
3.573	3.573 FT8	operating convention	plotted	ft8.yaml

MENTIONED IN THE RSGB WORKBOOK, NOT PLOTTED ON THE POSTER

MHz	Description	Status	Poster	Source row(s) and RSGB wording
3.603	Note 1: Lowest LSB carrier frequency (dial setting) should be 3,603 kHz.	recommendation	reference sheet only	3.5MHz!R25 Note 1: Lowest LSB carrier frequency (dial setting) should be 3,603 kHz.

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
5.2585–5.264	Ch 5.5 kHz	recommendation	block, labelled 'Ch 5.5 kHz'	5MHz!R9; 5MHz!R20 5258.5 - 5264.0 kHz 5262 kHz - CW QRP Centre of Activity Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.264–5.276		licence (not allocated)	thin grey bar (not allocated)	
5.276–5.284	Ch 8 kHz	recommendation	block, labelled 'Ch 8 kHz'	5MHz!R10; 5MHz!R20 5276.0 - 5284.0 5278.5 kHz - may be used for UK emergency comms traffic Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.284–5.2885		licence (not allocated)	thin grey bar (not allocated)	
5.2885–5.292	Beacons	recommendation	block, labelled 'Beacons'	5MHz!R11 5288.5 - 5292.0 Beacons on 5290 kHz
5.292–5.298		licence (not allocated)	thin grey bar (not allocated)	
5.298–5.307	Ch 9 kHz	recommendation	block, labelled 'Ch 9 kHz'	5MHz!R12; 5MHz!R20 5298.0 - 5307.0 Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.307–5.313		licence (not allocated)	thin grey bar (not allocated)	
5.313–5.323	Ch 10 kHz	recommendation	block, labelled 'Ch 10 kHz'	5MHz!R13; 5MHz!R20 5313.0 - 5323.0 5317 kHz - AM 6kHz max. bandwidth Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.323–5.333		licence (not allocated)	thin grey bar (not allocated)	
5.333–5.338	Ch 5 kHz	recommendation	block, labelled 'Ch 5 kHz'	5MHz!R14; 5MHz!R20 5333.0 - 5338.0 Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.338–5.354		licence (not allocated)	thin grey bar (not allocated)	
5.354–5.358	Ch 4 kHz	recommendation	block, labelled 'Ch 4 kHz'	5MHz!R15; 5MHz!R20 5354.0 - 5358.0 Within WRC-15 Band. No Tx above 5358 kHz (Note-2) Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.358–5.362		licence (not allocated)	thin grey bar (not allocated)	
5.362–5.3745	Ch 12.5 kHz · WSPR	recommendation	block, labelled 'Ch 12.5 kHz · WSPR'	5MHz!R16; 5MHz!R20 5362.0 - 5374.5 Partly within WRC-15 band, WSPR Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.3745–5.378		licence (not allocated)	thin grey bar (not allocated)	
5.378–5.382	Ch 4 kHz	recommendation	block, labelled 'Ch 4 kHz'	5MHz!R17; 5MHz!R20 5378.0 - 5382.0 Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.382–5.395		licence (not allocated)	thin grey bar (not allocated)	
5.395–5.4015	Ch 6.5 kHz	recommendation	block, labelled 'Ch 6.5 kHz'	5MHz!R18; 5MHz!R20 5395.0 - 5401.5 Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)
5.4015–5.4035		licence (not allocated)	thin grey bar (not allocated)	

MHz	Description	Status	Poster	Source row(s) and RSGB wording
5.4035–5.4065	Ch 3 kHz	recommendation	block, labelled 'All'	5MHz!R19; 5MHz!R20 5403.5 - 5406.5 Unless indicated, usage is all-modes (necessary bandwidth to be within channel limits)

SECTION BOUNDARIES

5.2585, 5.264, 5.276, 5.284, 5.2885, 5.292, 5.298, 5.307, 5.313, 5.323, 5.333, 5.338, 5.354, 5.358, 5.362, 5.3745, 5.378, 5.382, 5.395, 5.4015, 5.4035, 5.4065

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
5.262	5.262 CW QRP	recommendation	plotted	5MHz!R9 5258.5 - 5264.0 kHz 5262 kHz - CW QRP Centre of Activity
5.2785	5.2785 UK EmComm	recommendation	plotted	5MHz!R10 5276.0 - 5284.0 5278.5 kHz - may be used for UK emergency comms traffic
5.290	5.290 Beacons	recommendation	plotted	5MHz!R11 5288.5 - 5292.0 Beacons on 5290 kHz
5.317	5.317 AM (6 kHz max)	recommendation	plotted	5MHz!R13 5313.0 - 5323.0 5317 kHz - AM 6kHz max. bandwidth

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
5.357	5.357 FT8 · no TX above 5.358	operating convention	plotted	ft8.yaml

SUB-DESIGNATIONS (OVERLAY BARS)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
5.3515–5.3665	5.3515–5.3665 WRC-15 band: avoid for UK–UK contacts if possible (Note 4)	recommendation	overlay bar + band note	5MHz!R24 Note 4: Contacts within the UK should avoid the WRC-15 band (5351.5 - 5366.5 kHz) if possible

40 m 7–7.2 MHz · F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
7.000–7.040	CW	recommendation	block, labelled 'CW'	7MHz!R9 7,000-7,040 kHz Telegraphy. 7,030 kHz - QRP Centre of Activity
7.040–7.047	Narrow band	recommendation	block, labelled 'Narrow band'	7MHz!R10 7,040-7,047 Narrow band modes (Note 2)
7.047–7.050	Narrow band · unattended data	recommendation	block, labelled 'Dig'	7MHz!R11 7,047-7,050 Narrow band modes, automatically controlled data stations (unattended)
7.050–7.053	All · unattended data	recommendation	block, labelled 'All'	7MHz!R12 7,050-7,053 All modes, automatically controlled data stations (unattended), (Note 1)
7.053–7.060	All modes · digimodes	recommendation	block, labelled 'All/digi'	7MHz!R13 7,053-7,060 All modes, digimodes
7.060–7.100	All modes · SSB contest preferred	recommendation	block, labelled 'All modes · SSB contest preferred'	7MHz!R14 7,060-7,100 All modes, SSB Contest Preferred Segment digital voice 7,070kHz; SSB QRP Centre of Activity 7,090 kHz
7.100–7.130	All modes	recommendation	block, labelled 'All modes'	7MHz!R15 7,100-7,130 All modes, 7,110kHz - Region 1 Emergency Centre of Activity.

MHz	Description	Status	Poster	Source row(s) and RSGB wording
7.130–7.175	All modes · SSB contest preferred	recommendation	block, labelled 'All modes · SSB contest preferred'	7MHz!R16 7,130-7,200 All modes, SSB Contest Preferred Segment; 7,165kHz - Image Centre of Activity
7.175–7.200	All · DX priority	recommendation	block, labelled 'All · DX priority'	7MHz!R16; 7MHz!R17 7,130-7,200 All modes, SSB Contest Preferred Segment; 7,165kHz - Image Centre of Activity 7,175-7,200 All modes, priority for intercontinental operation

SECTION BOUNDARIES

7.000, 7.040, 7.047, 7.050, 7.053, 7.060, 7.100, 7.130, 7.175, 7.200

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
7.030	7.030 QRP CW	recommendation	plotted	7MHz!R9 7,000-7,040 kHz Telegraphy. 7,030 kHz - QRP Centre of Activity
7.070	7.070 DV	recommendation	plotted	7MHz!R14 7,060-7,100 All modes, SSB Contest Preferred Segment digital voice 7,070kHz; SSB QRP Centre of Activity 7,090 kHz
7.090	7.090 SSB QRP	recommendation	plotted	7MHz!R14 7,060-7,100 All modes, SSB Contest Preferred Segment digital voice 7,070kHz; SSB QRP Centre of Activity 7,090 kHz
7.110	7.110 R1 Emergency	recommendation	plotted	7MHz!R15 7,100-7,130 All modes, 7,110kHz - Region 1 Emergency Centre of Activiity.
7.165	7.165 Image	recommendation	plotted	7MHz!R16 7,130-7,200 All modes, SSB Contest Preferred Segment; 7,165kHz - Image Centre of Activity

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
7.074	7.074 FT8	operating convention	plotted	ft8.yaml

30 m 10.1–10.15 MHz · F 25 W · I 100 W · Full 400 W

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
10.100–10.130	CW	recommendation	block, labelled 'CW'	10MHz!R9 10,100-10,130 kHz Telegraphy (CW)
10.130–10.150	Narrow band (no unattended data)	recommendation	block, labelled 'Narrow band (no unattended data)'	10MHz!R11; 10MHz!R12 10,130-10,150 Narrow band modes Automatically controlled data stations (unattended) should avoid the use of the 10 MHz band

SECTION BOUNDARIES

10.100, 10.130, 10.150

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
10.116	10.116 QRP CW	recommendation	plotted	10MHz!R10 10,116 kHz - QRP (low power) Centre of Activity

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
10.136	10.136 FT8	operating convention	plotted	ft8.yaml

MENTIONED IN THE RSGB WORKBOOK, NOT PLOTTED ON THE POSTER

MHz	Description	Status	Poster	Source row(s) and RSGB wording
10.120–10.140	actually involved with the handling of emergency traffic. The band segment 10,120-10,140 kHz may only be used for SSB	recommendation	reference sheet only	10MHz!R17 actually involved with the handling of emergency traffic. The band segment 10,120-10,140 kHz may only be used for SSB

20 m 14–14.35 MHz · F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
14.000–14.060	CW · contest preferred	recommendation	block, labelled 'CW · contest preferred'	14MHz!R9 14,000-14,060 kHz Telegraphy - contest preferred
14.060–14.070	CW	recommendation	block, labelled 'CW'	14MHz!R11 14,060-14,070 Telegraphy
14.070–14.089	Narrow band	recommendation	block, labelled 'Narrow band'	14MHz!R13 14,070-14,089 Narrow band modes
14.089–14.099	NB · unattended data	recommendation	block, labelled 'Dig'	14MHz!R14 14,089-14,099 Narrow band modes - automatically controlled data stations (unattended)
14.099–14.101	IBP beacons	recommendation	block, labelled 'B'	14MHz!R15 14,099-14,101 IBP - reserved exclusively for beacons
14.101–14.112	All · unattended data	recommendation	block, labelled 'All'	14MHz!R16 14,101-14,112 All modes - automatically controlled data stations (unattended)
14.112–14.125	All (no digimodes)	recommendation	block, labelled 'All'	14MHz!R17 14,112-14,125 All modes (excluding digimodes)
14.125–14.300	All modes · SSB contest preferred	recommendation	block, labelled 'All modes · SSB contest preferred'	14MHz!R18 14,125-14,300 All modes - SSB contest preferred segment
14.300–14.350	All modes	recommendation	block, labelled 'All modes'	14MHz!R23 14,300-14,350 All modes

SECTION BOUNDARIES

14.000, 14.060, 14.070, 14.089, 14.099, 14.101, 14.112, 14.125, 14.300, 14.350

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
14.055	14.055 QRS	recommendation	plotted	14MHz!R10 14,055 kHz QRS (slow telegraphy Centre of Activity
14.060	14.060 QRP CW	recommendation	plotted	14MHz!R12 14,060 kHz QRP (low power) Centre of Activity
14.130	14.130 DV	recommendation	plotted	14MHz!R19 14,130kHz - digital voice centre of activity
14.195	14.195 DXpeditions ±5 kHz	recommendation	plotted	14MHz!R20 14,195+- 5 kHz Priority for Dxpeditions
14.230	14.230 Image	recommendation	plotted	14MHz!R21 14,230 kHz - Image Centre of Activity.
14.285	14.285 SSB QRP	recommendation	plotted	14MHz!R22 14,285 kHz - QRP Centre of Activity

MHz	Description	Status	Poster	Source row(s) and RSGB wording
14.300	14.300 Global Emergency	recommendation	plotted	14MHz!R24 14,300 kHz Global Emergency Centre of Activity

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
14.074	14.074 FT8	operating convention	plotted	ft8.yaml

17 m 18.068–18.168 MHz · F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
18.068–18.095	CW	recommendation	block, labelled 'CW'	18MHz!R9 18,068-18,095 kHz Telegraphy 18,086 kHz QRP (low power) Centre of Activity.
18.095–18.105	Narrow band	recommendation	block, labelled 'Narrow band'	18MHz!R10 18,095-18,105 Narrow band modes
18.105–18.109	NB · unattended data	recommendation	block, labelled 'Dig'	18MHz!R11 18,105-18,109 Narrow band modes - automatically controlled data stations (unattended)
18.109–18.111	IBP beacons	recommendation	block, labelled 'Bcn'	18MHz!R12 18,109-18,111 IBP - reserved exclusively for beacons
18.111–18.120	All · unattended data	recommendation	block, labelled 'All · unattended data'	18MHz!R13 18,111-18,120 All modes - automatically controlled data stations (unattended)
18.120–18.168	All modes	recommendation	block, labelled 'All modes'	18MHz!R14 18,120-18,168 All modes, 18,130kHz SSB QRP centre of activity

SECTION BOUNDARIES

18.068, 18.095, 18.105, 18.109, 18.111, 18.120, 18.168

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
18.086	18.086 QRP CW	recommendation	plotted	18MHz!R9 18,068-18,095 kHz Telegraphy 18,086 kHz QRP (low power) Centre of Activity.
18.130	18.130 SSB QRP	recommendation	plotted	18MHz!R14 18,120-18,168 All modes, 18,130kHz SSB QRP centre of activity
18.150	18.150 DV	recommendation	plotted	18MHz!R15 18,150kHz digital voice centre of activity
18.160	18.160 Global Emergency	recommendation	plotted	18MHz!R16 18,160 kHz Global Emergency Centre of Activity

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
18.100	18.100 FT8	operating convention	plotted	ft8.yaml

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
21.000–21.070	CW	recommendation	block, labelled 'CW'	21MHz!R9 21,000-21,070 kHz Telegraphy
21.070–21.090	Narrow band	recommendation	block, labelled 'Narrow band'	21MHz!R12 21,070-21,090 Narrow band modes
21.090–21.110	NB · unattended data	recommendation	block, labelled 'Dig'	21MHz!R13 21,090-21,110 Narrow band modes - automatically controlled data stations (unattended)
21.110–21.120	All (no SSB) · unattended data	recommendation	block, labelled 'All'	21MHz!R14 21,110-21,120 All modes (excluding SSB) - automatically controlled data stations (unattended)
21.120–21.149	Narrow band	recommendation	block, labelled 'Narrow band'	21MHz!R15 21,120-21,149 Narrow band modes
21.149–21.151	IBP beacons	recommendation	block, labelled 'B'	21MHz!R16 21,149-21,151 IBP - reserved exclusively for beacons
21.151–21.450	All modes	recommendation	block, labelled 'All modes'	21MHz!R17 21,151-21,450 All modes.

SECTION BOUNDARIES

21.000, 21.070, 21.090, 21.110, 21.120, 21.149, 21.151, 21.450

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
21.055	21.055 QRS	recommendation	plotted	21MHz!R10 21,055 kHz QRS (slow telegraphy) Centre of Activity.
21.060	21.060 QRP CW	recommendation	plotted	21MHz!R11 21,060 kHz QRP (low power) Centre of Activity
21.180	21.180 DV	recommendation	plotted	21MHz!R18 21,180kHz - digital voice centre of activity
21.285	21.285 SSB QRP	recommendation	plotted	21MHz!R19 21,285 kHz - QRP Centre of Activity.
21.340	21.340 Image	recommendation	plotted	21MHz!R20 21,340 kHz - Image Centre of Activity.
21.360	21.360 Global Emergency	recommendation	plotted	21MHz!R21 21,360 kHz - Global Emergency Centre of Activity

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
21.074	21.074 FT8	operating convention	plotted	ft8.yaml

SUB-DESIGNATIONS (OVERLAY BARS)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
21.125–21.245	21.125–21.245 also designated for amateur satellites (Note 1)	recommendation	overlay bar + band note	21MHz!R23 Note 1: 21,125-21,245 is also designated for use by amateur satellites

12 m 24.89–24.99 MHz · F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
24.890–24.915	CW	recommendation	block, labelled 'CW'	24MHz!R9 24,890-24,915 kHz Telegraphy
24.915–24.925	Narrow band	recommendation	block, labelled 'Narrow band'	24MHz!R11 24,915-24,925 Narrow band modes
24.925–24.929	NB · unattended data	recommendation	block, labelled 'Dig'	24MHz!R12 24,925-24,929 Narrow band modes - automatically controlled data stations (unattended)
24.929–24.931	IBP beacons	recommendation	block, labelled 'Bcn'	24MHz!R13 24.929-24.931 IBP - reserved exclusively for beacons
24.931–24.940	All · unattended data	recommendation	block, labelled 'All · unattended data'	24MHz!R14 24,931-24,940 All modes - automatically controlled data stations (unattended)
24.940–24.990	All modes	recommendation	block, labelled 'All modes'	24MHz!R15 24,940-24,990 All modes, 24,950kHz SSB QRP Centre of Activity

SECTION BOUNDARIES

24.890, 24.915, 24.925, 24.929, 24.931, 24.940, 24.990

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
24.906	24.906 QRP CW	recommendation	plotted	24MHz!R10 24,906 kHz QRP (low power) centre of activity
24.950	24.950 SSB QRP	recommendation	plotted	24MHz!R15 24,940-24,990 All modes, 24,950kHz SSB QRP Centre of Activity
24.960	24.960 DV	recommendation	plotted	24MHz!R16 24,960kHz digital voice centre of activity

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
24.915	24.915 FT8	operating convention	plotted	ft8.yaml

10 m 28–29.7 MHz · F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
28.000–28.070	CW	recommendation	block, labelled 'CW'	28MHz!R9 28,000-28,070 kHz Telegraphy
28.070–28.120	Narrow band	recommendation	block, labelled 'NB'	28MHz!R12 28,070-28,120 Narrow band modes
28.120–28.150	NB · unattended data	recommendation	block, labelled 'Dig'	28MHz!R13 28,120-28,150 Narrow band modes - automatically controlled data stations (unattended)
28.150–28.190	Narrow band	recommendation	block, labelled 'NB'	28MHz!R14 28,150-28,190 Narrow band modes
28.190–28.199	Regional time-shared beacons	recommendation	block, labelled 'B'	28MHz!R15 28,190-28,199 IBP - regional time shared beacons
28.199–28.201	IBP world-wide beacons	recommendation	block (narrow: identified in band notes)	28MHz!R16 28,199-28,201 IBP - world wide time shared beacons

MHz	Description	Status	Poster	Source row(s) and RSGB wording
28.201–28.225	Continuous-duty beacons	recommendation	block, labelled 'Bcn'	28MHz!R17 28,201-28,225 IBP - continuous-duty beacons
28.225–28.300	All modes · beacons	recommendation	block, labelled 'All/bcn'	28MHz!R18 28,225-28,300 All modes - beacons
28.300–28.320	All · unattended data	recommendation	block, labelled 'All'	28MHz!R19 28,300-28,320 All modes - automatically controlled data stations (unattended)
28.320–29.000	All modes	recommendation	block, labelled 'All modes'	28MHz!R20 28,320-29,000 All modes
29.000–29.100	All modes · wideband expt.	recommendation	block, labelled 'All'	28MHz!R24; 28MHz!R36 29,000-29,100 All modes - See Note-1 regarding 29,000-29,510 kHz Note-1: Experimental wide bandwidth operation within 29,000 - 29510 must be on a non-interference basis to other stations,
29.100–29.200	FM simplex (10 kHz)	recommendation	block, labelled 'FM simplex (10 kHz)'	28MHz!R25 29,100-29,200 All modes - FM simplex - 10 kHz channels
29.200–29.300	All · unattended data / gateways	recommendation	block, labelled 'All/data'	28MHz!R26 29,200-29,300 All modes - automatically controlled data stations (unattended)
29.300–29.510	Satellite links	recommendation	block, labelled 'Satellite links'	28MHz!R30 29,300-29,510 Satellite links
29.510–29.520	Guard	recommendation	block, labelled 'G'	28MHz!R31 29,510-29,520 Guard channel
29.520–29.590	FM rpt inputs RH1–8	recommendation	block, labelled 'Rpt in'	28MHz!R32 29,520-29,590 All modes - FM repeater inputs (RH1-RH8)
29.590–29.620	FM calling & parrot	recommendation	block, labelled 'FM'	28MHz!R33; 28MHz!R34 29600 All modes - FM calling channel 29610 All modes - FM simplex repeater (parrot) - input and output
29.620–29.700	FM rpt outputs RH1–8	recommendation	block, labelled 'Rpt out'	28MHz!R35 29,620-29,700 All modes - FM repeater outputs (RH1-RH8)

SECTION BOUNDARIES

28.000, 28.070, 28.120, 28.150, 28.190, 28.199, 28.201*, 28.225, 28.300, 28.320, 29.000, 29.100, 29.200, 29.300, 29.510, 29.520, 29.590, 29.620, 29.700

* label shown in the poster's supplementary note

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
28.055	28.055 QRS	recommendation	plotted	28MHz!R10 28,055 kHz QRS (slow telegraphy) Centre of Activity.
28.060	28.060 QRP CW	recommendation	plotted	28MHz!R11 28,060 kHz QRP (low power) Centre of Activity.
28.330	28.330 DV	recommendation	plotted	28MHz!R21 28,330 kHz - Digital Voice centre of activity
28.360	28.360 SSB QRP	recommendation	plotted	28MHz!R22 28,360 kHz - QRP Centre of Activity.
28.680	28.680 Image	recommendation	plotted	28MHz!R23 28,680 kHz - Image Centre of Activity.
29.270	29.270 Internet voice gateway	recommendation	reference sheet only (priority 3)	28MHz!R27 29,270 kHz UK Internet voice gateway - unattended
29.280	29.280 Internet voice gateway	recommendation	reference sheet only (priority 3)	28MHz!R28 29,280 kHz UK Internet voice gateway - unattended
29.290	29.290 Internet voice gateway	recommendation	reference sheet only (priority 3)	28MHz!R29 29,290 kHz UK Internet voice gateway - unattended
29.600	29.600 FM calling	recommendation	plotted	28MHz!R33 29600 All modes - FM calling channel
29.610	29.610 FM parrot repeater	recommendation	plotted	28MHz!R34 29610 All modes - FM simplex repeater (parrot) - input and output

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
28.074	28.074 FT8	operating convention	plotted	ft8.yaml

6 m 50–52 MHz · 50–51: F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
50.000–50.100	CW only	recommendation	block, labelled 'CW'	50MHz!R9 50.000-50.100 MHz Telegraphy Only (except for Beacon Project) Note-2
50.100–50.200	SSB/CW · international	recommendation	block, labelled 'SSB/CW'	50MHz!R15; 50MHz!R16; 50MHz!R19 50.100-50.200 SSB/Telegraphy - International Preferred 50.100-50.130 MHz Intercontinental DX Telegraphy & SSB (Note 1) 50.130-50.200 MHz General International Telegraphy & SSB
50.200–50.300	SSB/CW · general	recommendation	block, labelled 'SSB/CW'	50MHz!R22 50.200-50.300 SSB/Telegraphy - General Usage
50.300–50.400	MGM / NB / CW	recommendation	block, labelled 'MGM'	50MHz!R25 50.300-50.400 MGM/Narrowband/Telegraphy
50.400–50.500	Beacons only	recommendation	block, labelled 'Bcn'	50MHz!R30; 50MHz!R57 50.400-50.500 Propagation Beacons Only Note 2: 50.0-50.1MHz is currently shared with Propagation Beacons. These are being migrated
50.500–50.700	All modes	recommendation	block, labelled 'All modes'	50MHz!R32 50.500-50.700 All Modes.
50.700–50.900	FM/DV rprr out	recommendation	block, labelled 'Rpt out'	50MHz!R40 50.700-50.900 50.720-50.870 MHz FM/DV Repeater Outputs (10 kHz channel spacing)
50.900–51.200	All modes	recommendation	block, labelled 'All modes'	50MHz!R42 50.900-51.200 All Modes
51.200–51.400	FM/DV rprr in	recommendation	block, labelled 'FM/DV rprr in'	50MHz!R44 51.200-51.400 51.220-51.370 MHz FM/DV Repeater Inputs (10 kHz channel spacing) (Note 4)
51.400–52.000	All modes	recommendation	block, labelled 'All modes'	50MHz!R46 51.400-52.000 All Modes

SECTION BOUNDARIES

50.000, 50.100, 50.200, 50.300, 50.400, 50.500, 50.700, 50.900, 51.200, 51.400, 52.000

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
50.050	50.050 Future intl CoA	recommendation	reference sheet only (priority 3)	50MHz!R12 50.050 MHz Future International Centre of Activity
50.090	50.090 CW DX	recommendation	plotted	50MHz!R13 50.090 MHz Intercontinental DX Centre of Activity (Note 1)
50.110	50.110 DX	recommendation	plotted	50MHz!R17 50.110 MHz Intercontinental DX Centre of Activity
50.150	50.150 SSB	recommendation	plotted	50MHz!R20 50.150 MHz International Centre of Activity
50.285	50.285 Crossband	recommendation	plotted	50MHz!R23 50.285 MHz Crossband Centre of Activity
50.305	50.305 PSK	recommendation	reference sheet only (priority 3)	50MHz!R26 50.305 MHz PSK Centre of Activity
50.520	50.520 FM/DV gateway	recommendation	reference sheet only (priority 3)	50MHz!R33 50.520 MHz FM/DV Internet voice gateway
50.530	50.530 FM/DV gateway	recommendation	reference sheet only (priority 3)	50MHz!R34 50.530 MHz FM/DV Internet voice gateway

MHz	Description	Status	Poster	Source row(s) and RSGB wording
50.540	50.540 FM/DV gateway	recommendation	reference sheet only (priority 3)	50MHz!R35 50.540 MHz FM/DV Internet voice gateway
50.630	50.630 DV calling	recommendation	plotted	50MHz!R38 50.630 MHz Digital Voice (DV) calling
51.510	51.510 FM calling	recommendation	plotted	50MHz!R48 51.510 MHz FM calling frequency
51.530	51.530 GB2RS	recommendation	plotted	50MHz!R49 51.530 MHz GB2RS news broadcast and slow morse
51.650	51.650 EmComm	recommendation	plotted	50MHz!R50; 50MHz!R61 51.650 MHz See Note 5 (25kHz aligned) Note 5: May be used for Emergency Communications and Community Events
51.750	51.750 EmComm	recommendation	plotted	50MHz!R52; 50MHz!R61 51.750 MHz See Note 5 (25kHz aligned) Note 5: May be used for Emergency Communications and Community Events
51.970	51.970 EmComm	recommendation	reference sheet only (priority 3)	50MHz!R54; 50MHz!R61 51.970 & 51.990 MHz See Note 5 Note 5: May be used for Emergency Communications and Community Events
51.990	51.990 EmComm	recommendation	reference sheet only (priority 3)	50MHz!R54; 50MHz!R61 51.970 & 51.990 MHz See Note 5 Note 5: May be used for Emergency Communications and Community Events

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
50.313	50.313 FT8	operating convention	plotted	ft8.yaml

SUB-DESIGNATIONS (OVERLAY BARS)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
50.000–50.030	50.000–50.030 Synchronised Beacon Project	recommendation	overlay bar + band note	50MHz!R10; 50MHz!R11 50.000-50.030 MHz reserved for Synchronised Beacon Project (Note 2) Region-1: 50.000-50.010; Region-2: 50.010-50.020; Region-3: 50.020-50.030
50.310–50.320	50.310–50.320 EME	recommendation	overlay bar + band note	50MHz!R27 50.310-50.320 MHz EME
50.320–50.380	50.320–50.380 MS	recommendation	overlay bar + band note	50MHz!R28 50.320-50.380 MHz MS
50.600–50.700	50.600–50.700 Digital comms	recommendation	overlay bar + band note	50MHz!R37 50.600-50.700 MHz Digital communications
51.410–51.590	51.410–51.590 FM/DV simplex (20 kHz)	recommendation	overlay bar + band note	50MHz!R47; 50MHz!R59 51.410-51.590 MHz FM/DV Simplex (Note 3) (Note 4) Note 3: 20 kHz channel spacing. Channel centre frequencies start at 51.430 MHz.
51.720–51.730	51.720–51.730 rprr in	recommendation	overlay bar + band note	50MHz!R51 51.720-51.730 MHz FM/DV Repeater Inputs (10 kHz channel spacing) (Note 4)
51.770–51.870	51.770–51.870 FM/DV rprr in (1 MHz split)	recommendation	overlay bar + band note	50MHz!R53 51.770-51.870 MHz FM/DV Repeater Inputs (10 kHz channel spacing) (Note 4)

LICENCE RESTRICTIONS (OFCOM)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
51.000–52.000	51–52 Secondary · Full 100 W max	licence	overlay bar + band note	licence.yaml

MENTIONED IN THE RSGB WORKBOOK, NOT PLOTTED ON THE POSTER

MHz	Description	Status	Poster	Source row(s) and RSGB wording
50.010–50.020	Region-1: 50.000-50.010; Region-2: 50.010-50.020; Region-3: 50.020-50.030	recommendation	reference sheet only	50MHz!R11 Region-1: 50.000-50.010; Region-2: 50.010-50.020; Region-3: 50.020-50.030
50.020–50.030	Region-1: 50.000-50.010; Region-2: 50.010-50.020; Region-3: 50.020-50.030	recommendation	reference sheet only	50MHz!R11 Region-1: 50.000-50.010; Region-2: 50.010-50.020; Region-3: 50.020-50.030
50.130–50.200	50.130-50.200 MHz General International Telegraphy & SSB	recommendation	reference sheet only	50MHz!R19 50.130-50.200 MHz General International Telegraphy & SSB
50.720–50.870	50.720-50.870 MHz FM/DV Repeater Outputs (10 kHz channel spacing)	recommendation	reference sheet only	50MHz!R40 50.700-50.900 50.720-50.870 MHz FM/DV Repeater Outputs (10 kHz channel spacing)
51.220–51.370	51.220-51.370 MHz FM/DV Repeater Inputs (10 kHz channel spacing) (Note 4)	recommendation	reference sheet only	50MHz!R44 51.200-51.400 51.220-51.370 MHz FM/DV Repeater Inputs (10 kHz channel spacing) (Note 4)
51.430	Note 3: 20 kHz channel spacing. Channel centre frequencies start at 51.430 MHz.	recommendation	reference sheet only	50MHz!R59 Note 3: 20 kHz channel spacing. Channel centre frequencies start at 51.430 MHz.
51.700	Note-6: Digital Experiments to support innovation may occur around 50.6, 51.0 or 51.7 MHz	recommendation	reference sheet only	50MHz!R62 Note-6: Digital Experiments to support innovation may occur around 50.6, 51.0 or 51.7 MHz

4 m 70–70.5 MHz · F 25 W · I 100 W · Full 160 W

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
70.000–70.090	Propagation beacons	recommendation	block, labelled 'Bcn'	70MHz!R9 70.000-70.090 MHz Propagation Beacons only
70.090–70.100	Personal beacons	recommendation	block (narrow: identified in band notes)	70MHz!R11 70.090-70.100 Personal Beacons
70.100–70.250	Narrow band	recommendation	block, labelled 'Narrow band'	70MHz!R13 70.100-70.250 Narrow Band modes
70.250–70.294	All modes	recommendation	block, labelled 'All'	70MHz!R18 70.250-70.294 All Modes
70.294–70.500	All modes · 12.5 kHz channels	recommendation	block, labelled 'All · 12.5k ch'	70MHz!R22 70.294-70.500 All modes channelised operations using 12.5 kHz spacing.

SECTION BOUNDARIES

70.000, 70.090, 70.100, 70.250, 70.294, 70.500

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
70.185	70.185 Crossband	recommendation	reference sheet only (priority 3)	70MHz!R14 70.185 MHz Cross-band activity centre
70.200	70.200 CW/SSB	recommendation	plotted	70MHz!R15 70.200 MHz CW/SSB centre
70.250	70.250 MS	recommendation	reference sheet only (priority 3)	70MHz!R16 70.250 MHz MS centre
70.260	70.260 AM/FM calling	recommendation	plotted	70MHz!R19 70.260 MHz AM/FM calling
70.270	70.270 MGM	recommendation	reference sheet only (priority 3)	70MHz!R20 70.270 MHz MGM centre of activity

MHz	Description	Status	Poster	Source row(s) and RSGB wording
70.325	70.325 DX Cluster	recommendation	reference sheet only (priority 3)	70MHz!R25 70.3250 MHz DX Cluster
70.350	70.350 EmComm	recommendation	plotted	70MHz!R27; 70MHz!R41 70.3500 MHz Internet voice gateway (Note 2) Note 2: May be used for Emergency Communications and Community Events
70.375	70.375 EmComm	recommendation	reference sheet only (priority 3)	70MHz!R29; 70MHz!R41 70.3750 MHz See Note 2 Note 2: May be used for Emergency Communications and Community Events
70.400	70.400 EmComm	recommendation	reference sheet only (priority 3)	70MHz!R31; 70MHz!R41 70.4000 MHz See Note 2 Note 2: May be used for Emergency Communications and Community Events
70.425	70.425 GB2RS	recommendation	plotted	70MHz!R33 70.4250 MHz FM simplex - used by GB2RS news broadcast
70.450	70.450 FM calling	recommendation	plotted	70MHz!R35 70.4500 MHz FM calling

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
70.154	70.154 FT8	operating convention	hidden (FT8 display off for this band)	ft8.yaml

MENTIONED IN THE RSGB WORKBOOK, NOT PLOTTED ON THE POSTER

MHz	Description	Status	Poster	Source row(s) and RSGB wording
70.300	70.3000 MHz	recommendation	reference sheet only	70MHz!R23 70.3000 MHz
70.3125	70.3125 MHz Digital modes	recommendation	reference sheet only	70MHz!R24 70.3125 MHz Digital modes
70.3375	70.3375 MHz Digital modes	recommendation	reference sheet only	70MHz!R26 70.3375 MHz Digital modes
70.3625	70.3625 MHz Internet voice gateway	recommendation	reference sheet only	70MHz!R28 70.3625 MHz Internet voice gateway
70.3875	70.3875 MHz Internet voice gateway	recommendation	reference sheet only	70MHz!R30 70.3875 MHz Internet voice gateway
70.4125	70.4125 MHz Internet voice gateway	recommendation	reference sheet only	70MHz!R32 70.4125 MHz Internet voice gateway
70.4375	70.4375 MHz Digital modes (special projects)	recommendation	reference sheet only	70MHz!R34 70.4375 MHz Digital modes (special projects)
70.4625	70.4625 MHz Digital modes	recommendation	reference sheet only	70MHz!R36 70.4625 MHz Digital modes
70.475	70.4750 MHz	recommendation	reference sheet only	70MHz!R37 70.4750 MHz
70.4875	70.4875 MHz Digital modes	recommendation	reference sheet only	70MHz!R38 70.4875 MHz Digital modes

2 m 144–146 MHz · F 25 W · I 100 W · Full 1 kW

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
144.000–144.025	All · sat downlinks	recommendation	block, labelled 'A'	144MHz!R9 144.000-144.025 MHz All modes - including Satellite downlinks
144.025–144.100	CW (incl. EME)	recommendation	block, labelled 'CW'	144MHz!R10 144.025-144.100 MHz Telegraphy (including EME CW)
144.100–144.150	CW / MGM	recommendation	block, labelled 'NB'	144MHz!R14; 144MHz!R15 144.100-144.150 Telegraphy and MGM EME MGM activity
144.150–144.400	CW / MGM / SSB	recommendation	block, labelled 'CW / MGM / SSB'	144MHz!R17 144.150-144.400 Telegraphy, MGM and SSB

MHz	Description	Status	Poster	Source row(s) and RSGB wording
144.400–144.490	Beacons only	recommendation	block, labelled 'Bcn'	144MHz!R23 144.400-144.490 Propagation Beacons only
144.490–144.500	Beacon guard band	recommendation	block (narrow: identified in band notes)	144MHz!R24; 144MHz!R25 144.490-144.500 Beacon guard band 144.491-144.493 MHz Personal Weak Signal MGM Beacons (BW: 500 Hz max)
144.500–144.794	All modes	recommendation	block, labelled 'All modes'	144MHz!R27 144.500-144.794 All Modes (Note-8)
144.794–144.990	MGM / digital	recommendation	block, labelled 'MGM / digital'	144MHz!R34; 144MHz!R35 144.794-144.990 MGM / Digital Communications 144.800-144.9875 MHz Digital modes (including unattended)
144.990–145.1935	FM/DV rptr in	recommendation	block, labelled 'FM/DV rptr in'	144MHz!R48 144.990-145.1935 FM/DV RV48 - RV63 Repeater input exclusive (Note 2) (Note 5)
145.1935–145.5935	FM/DV simplex V16–V45	recommendation	block, labelled 'FM/DV simplex V16–V45'	144MHz!R49; 144MHz!R51 145.2 FM/DV Space communications (e.g. I.S.S.) - Earth-to-Space 145.200-145.5935 FM/DV V16-V45 FM/DV simplex (Note 3) (Note 5) (Note-6)
145.5935–145.7935	FM/DV rptr out	recommendation	block, labelled 'FM/DV rptr out'	144MHz!R64 145.5935-145.7935 FM/DV RV48 - RV63 Repeater output (Note 2)
145.7935–145.806	ISS space-to-Earth 145.800	recommendation	block (narrow: identified in band notes)	144MHz!R65 145.8 FM/DV Space communications (e.g. I.S.S.) - Space-Earth
145.806–146.000	Satellite only	recommendation	block, labelled 'Satellite only'	144MHz!R66 145.806-146.000 All Modes - Satellite exclusive

SECTION BOUNDARIES

144.000, 144.025, 144.100, 144.150, 144.400, 144.490, 144.500, 144.794, 144.990, 145.1935, 145.5935, 145.7935, 145.806, 146.000

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
144.050	144.050 CW	recommendation	plotted	144MHz!R11 144.050 MHz Telegraphy Centre of Activity
144.100	144.100 MS CW calling	recommendation	reference sheet only (priority 3)	144MHz!R12 144.100 MHz Random MS telegraphy calling (Note 1)
144.250	144.250 GB2RS	recommendation	reference sheet only (priority 3)	144MHz!R18 144.250 MHz GB2RS news broadcast and slow Morse
144.260	144.260 EmComm	recommendation	plotted	144MHz!R19; 144MHz!R79 144.260 MHz See Note 10 Note 10: May be used for Emergency Communications and Community Events
144.300	144.300 SSB	recommendation	plotted	144MHz!R20 144.300 MHz SSB Centre of Activity
144.370	144.370 MGM MS calling	recommendation	reference sheet only (priority 3)	144MHz!R21 144.370 MHz MGM MS calling
144.500	144.500 SSTV	recommendation	plotted	144MHz!R28 144.500 MHz Image Modes (SSTV, Fax etc)
144.550	144.550 AM (typical)	recommendation	reference sheet only (priority 3)	144MHz!R76 Note 8: Amplitude Modulation (AM) is acceptable within the All Modes segment. AM usage is typically found on 144.550MHz.
144.600	144.600 Data	recommendation	reference sheet only (priority 3)	144MHz!R29 144.600 MHz Data Centre of Activity (MGM, RTTY etc)
144.6125	144.6125 UK DV calling	recommendation	plotted	144MHz!R30 144.6125 MHz UK Digital Voice (DV) calling (Note 9)
144.750	144.750 ATV talkback	recommendation	reference sheet only (priority 3)	144MHz!R32 144.750 MHz ATV Talk-back
144.800	144.800 APRS	recommendation	plotted	144MHz!R36 144.8000 MHz Unconnected nets - APRS, UiView etc (Note 14)
145.200	145.200 ISS uplink · EmComm	recommendation	plotted	144MHz!R49; 144MHz!R50 145.2 FM/DV Space communications (e.g. I.S.S.) - Earth-to-Space 145.2000 MHz (Note 4) & (Note 10)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
145.225	145.225 EmComm / gateways	recommendation	reference sheet only (priority 3)	144MHz!R53 145.2250 MHz Internet gateways - and See Note 10
145.250	145.250 Slow Morse	recommendation	reference sheet only (priority 3)	144MHz!R55 145.2500 MHz Used for slow Morse transmissions
145.500	145.500 FM calling	recommendation	plotted	144MHz!R60 145.5000 MHz FM calling (Note 12)
145.525	145.525 GB2RS	recommendation	plotted	144MHz!R61 145.5250 MHz Used for GB2RS news broadcast.
145.550	145.550 Talk-in	recommendation	reference sheet only (priority 3)	144MHz!R62 145.5500 MHz Used for rally/exhibition talk-in
145.800	145.800 ISS downlink	recommendation	plotted	144MHz!R65 145.8 FM/DV Space communications (e.g. I.S.S.) - Space-Earth

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
144.174	144.174 FT8	operating convention	plotted	ft8.yaml

SUB-DESIGNATIONS (OVERLAY BARS)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
144.625–144.675	144.625–144.675 EmComm & events (Note 10)	recommendation	overlay bar + band note	144MHz!R31; 144MHz!R79 144.625-144.675 MHz See Note 10 Note 10: May be used for Emergency Communications and Community Events
144.775–144.794	144.775–144.794 EmComm & events (Note 10)	recommendation	overlay bar + band note	144MHz!R33; 144MHz!R79 144.775-144.794 MHz See Note 10 Note 10: May be used for Emergency Communications and Community Events

MENTIONED IN THE RSGB WORKBOOK, NOT PLOTTED ON THE POSTER

MHz	Description	Status	Poster	Source row(s) and RSGB wording
144.491–144.493	144.491-144.493 MHz Personal Weak Signal MGM Beacons (BW: 500 Hz max)	recommendation	reference sheet only	144MHz!R25 144.491-144.493 MHz Personal Weak Signal MGM Beacons (BW: 500 Hz max)
144.8125	144.8125 MHz DV Internet voice gateway (IARU common channel)	recommendation	reference sheet only	144MHz!R37 144.8125 MHz DV Internet voice gateway (IARU common channel)
144.8125	Note 14: 144.800 use should be NBFM to avoid interference to 144.8125 DV Gateways	recommendation	reference sheet only	144MHz!R83 Note 14: 144.800 use should be NBFM to avoid interference to 144.8125 DV Gateways
144.825	144.8250 MHz DV Internet voice gateway (IARU common channel)	recommendation	reference sheet only	144MHz!R38 144.8250 MHz DV Internet voice gateway (IARU common channel)
144.8375	144.8375 MHz DV Internet voice gateway (IARU common channel)	recommendation	reference sheet only	144MHz!R39 144.8375 MHz DV Internet voice gateway (IARU common channel)
144.850	144.8500 MHz DV Internet voice gateway (IARU common channel)	recommendation	reference sheet only	144MHz!R40 144.8500 MHz DV Internet voice gateway (IARU common channel)
144.8625	144.8625 MHz DV Internet voice gateway (IARU common channel)	recommendation	reference sheet only	144MHz!R41 144.8625 MHz DV Internet voice gateway (IARU common channel)
144.875–144.9125	144.8750 - 144.9125 MHz - Internet Gateways	recommendation	reference sheet only	144MHz!R42 144.8750 - 144.9125 MHz - Internet Gateways
144.925	144.9250 MHz Digital usage	recommendation	reference sheet only	144MHz!R43 144.9250 MHz Digital usage

MHz	Description	Status	Poster	Source row(s) and RSGB wording
144.9375	144.9375 MHz Digital usage	recommendation	reference sheet only	144MHz!R44 144.9375 MHz Digital usage
144.950	144.9500 MHz Digital usage	recommendation	reference sheet only	144MHz!R45 144.9500 MHz Digital usage
144.9625	144.9625 MHz FM Internet voice gateway	recommendation	reference sheet only	144MHz!R46 144.9625 MHz FM Internet voice gateway
144.975	144.9750, 144.9875 MHz Low power / Adhoc repeater inputs (Note 11)	recommendation	reference sheet only	144MHz!R47 144.9750, 144.9875 MHz Low power / Adhoc repeater inputs (Note 11)
144.9875	144.9750, 144.9875 MHz Low power / Adhoc repeater inputs (Note 11)	recommendation	reference sheet only	144MHz!R47 144.9750, 144.9875 MHz Low power / Adhoc repeater inputs (Note 11)
145.000	Note 2: 12.5kHz channels numbered RV48-RV63. RV48 input = 145.000 MHz, output=145.600 MHz.	recommendation	reference sheet only	144MHz!R69 Note 2: 12.5kHz channels numbered RV48-RV63. RV48 input = 145.000 MHz, output=145.600 MHz.
145.2125	145.2125 MHz FM Internet voice gateway	recommendation	reference sheet only	144MHz!R52 145.2125 MHz FM Internet voice gateway
145.2375	145.2375 MHz FM Internet voice gateway (IARU common channel)	recommendation	reference sheet only	144MHz!R54 145.2375 MHz FM Internet voice gateway (IARU common channel)
145.2625	145.2625 MHz FM Internet voice gateway	recommendation	reference sheet only	144MHz!R56 145.2625 MHz FM Internet voice gateway
145.2875	145.2875 MHz FM Internet voice gateway (IARU common channel)	recommendation	reference sheet only	144MHz!R57 145.2875 MHz FM Internet voice gateway (IARU common channel)
145.3125	145.3125 MHz FM Internet voice gateway	recommendation	reference sheet only	144MHz!R58 145.3125 MHz FM Internet voice gateway
145.3375	145.3375 MHz FM Internet voice gateway (IARU common channel)	recommendation	reference sheet only	144MHz!R59 145.3375 MHz FM Internet voice gateway (IARU common channel)
145.375	Note 9: In other countries IARU Region-1 recommend 145.375 MHz	recommendation	reference sheet only	144MHz!R78 Note 9: In other countries IARU Region-1 recommend 145.375 MHz
145.575	145.5750, 145.5875 MHz Low power / Adhoc repeater outputs (Note 11)	recommendation	reference sheet only	144MHz!R63 145.5750, 145.5875 MHz Low power / Adhoc repeater outputs (Note 11)
145.5875	145.5750, 145.5875 MHz Low power / Adhoc repeater outputs (Note 11)	recommendation	reference sheet only	144MHz!R63 145.5750, 145.5875 MHz Low power / Adhoc repeater outputs (Note 11)
145.600	Note 2: 12.5kHz channels numbered RV48-RV63. RV48 input = 145.000 MHz, output=145.600 MHz.	recommendation	reference sheet only	144MHz!R69 Note 2: 12.5kHz channels numbered RV48-RV63. RV48 input = 145.000 MHz, output=145.600 MHz.

OPERATING SECTIONS

MHz	Description	Status	Poster	Source row(s) and RSGB wording
430.000–431.981	All modes · gateways, DV repeaters, digital links	recommendation	block, labelled 'All modes · gateways, DV repeaters, digital links'	430MHz!R9; 430MHz!R10 430.0000-431.9810 MHz 430.0125-430.1000 MHz FM Internet voice gateways (Notes 7, 8) All modes 430.1125 MHz Low power / Adhoc repeater input (Note-6)
431.981–432.000		not designated	block (narrow: identified in band notes)	
432.000–432.400	Narrow band · CW/SSB	recommendation	block, labelled 'NB'	430MHz!R21; 430MHz!R22 432.0000-432.4000 432.2000 MHz CW/SSB centre of activity All narrowband modes 432.3500 MHz Microwave talkback (Europe)
432.400–432.490	Beacons only	recommendation	block, labelled 'Bcn'	430MHz!R24 432.4000-432.4900 Propagation Beacons only
432.490–432.500		not designated	block (narrow: identified in band notes)	
432.500–432.994	All modes (non-channelised)	recommendation	block, labelled 'All'	430MHz!R27; 430MHz!R28; 430MHz!R29 432.5000-432.9940 432.5000 MHz Narrow band SSTV activity centre All modes 432.6250-432.6750 MHz Digital communications Non-channelised 432.7750 MHz 1.6 MHz Talkthrough - Base TX (Note 10)
432.994–433.381	FM/DV rprr out	recommendation	block, labelled 'FM/DV rprr out'	430MHz!R31; 430MHz!R32; 430MHz!R33 432.9940-433.3810 433.0000-433.3750 MHz (RB0-RB15) RU240-RU270... FM repeater outputs and RBW0-RBW30 5 MHz split repeater outputs in UK only (Note 1) FM/DV repeater outputs in UK only
433.381–433.394		not designated	block (narrow: identified in band notes)	
433.394–433.581	FM/DV simplex	recommendation	block, labelled 'FM'	430MHz!R35; 430MHz!R37; 430MHz!R38; 430MHz!R39 433.3940-433.5810 433.4000 MHz U272; IARU Region 1 SSTV (FM/AFSK) FM/DV (Notes 12, 13) 433.4500 MHz U276 (Note 5) Simplex 433.4750 MHz U278 Channels 433.5000 MHz U280 FM Calling channel
433.581–433.600		not designated	block (narrow: identified in band notes)	
433.600–434.000	All modes	recommendation	block, labelled 'All modes'	430MHz!R44; 430MHz!R45 433.6000-434.0000 433.6250-433.6750 MHz Digital communications All modes 433.7000-433.7750 MHz (Note 10)
434.000–434.594	All · hotspots, gateways	recommendation	block, labelled 'All · hotspots, gateways'	430MHz!R50 434.000-434.5940 434.0000 Low Power Hot-Spot usage (Note 4)
434.594–434.981	FM/DV rprr in	recommendation	block, labelled 'FM/DV rprr in'	430MHz!R56; 430MHz!R57 434.5940-434.9810 434.6000-434.9750 MHz (RB0-RB15) RU240-RU270 FM repeater inputs in UK FM/DV repeater inputs in UK only (Note 12).
434.981–435.000		not designated	block (narrow: identified in band notes)	
435.000–436.000	Satellites only	recommendation	block, labelled 'Satellites only'	430MHz!R59 435.0000-436.0000 Satellites only
436.000–438.000	Satellites & experimental DATV/data	recommendation	block, labelled 'Satellites & experimental DATV/data'	430MHz!R60 436.0000-438.0000 Satellites and Experimental DATV/Data
438.000–440.000	All modes · repeaters, DV, digital	recommendation	block, labelled 'All modes · repeaters, DV, digital'	430MHz!R62; 430MHz!R67 438.0000-440.0000 All modes 438.2000-439.4250 MHz (Note 1)

SECTION BOUNDARIES

430.000, 431.981, 432.000, 432.400, 432.490, 432.500, 432.994, 433.381, 433.394, 433.581, 433.600, 434.000, 434.594, 434.981, 435.000, 436.000, 438.000, 440.000

CALLING FREQUENCIES & CENTRES OF ACTIVITY

MHz	Description	Status	Poster	Source row(s) and RSGB wording
430.800	430.800 Talkthrough · EmComm	recommendation	reference sheet only (priority 3)	430MHz!R15; 430MHz!R95 430.6000-430.9250 430.8000 MHz 7.6 MHz Talkthrough (Note 10) Note 10: May be used for Emergency Communications and Community Events
432.200	432.200 CW/SSB	recommendation	plotted	430MHz!R21 432.0000-432.4000 432.2000 MHz CW/SSB centre of activity
432.350	432.350 Microwave talkback	recommendation	reference sheet only (priority 3)	430MHz!R22 All narrowband modes 432.3500 MHz Microwave talkback (Europe)
432.500	432.500 SSTV	recommendation	plotted	430MHz!R27 432.5000-432.9940 432.5000 MHz Narrow band SSTV activity centre
432.775	432.775 Talkthrough base · EmComm	recommendation	reference sheet only (priority 3)	430MHz!R29; 430MHz!R95 Non-channelised 432.7750 MHz 1.6 MHz Talkthrough - Base TX (Note 10) Note 10: May be used for Emergency Communications and Community Events
433.400	433.400 SSTV (FM)	recommendation	reference sheet only (priority 3)	430MHz!R35 433.3940-433.5810 433.4000 MHz U272; IARU Region 1 SSTV (FM/AFSK)
433.450	433.450 IARU DV calling (not UK)	recommendation	reference sheet only (priority 3)	430MHz!R37; 430MHz!R88 FM/DV (Notes 12, 13) 433.4500 MHz U276 (Note 5) Note 5: In other countries IARU Region-1 recommend 433.450 MHz for DV calling
433.500	433.500 FM calling	recommendation	plotted	430MHz!R39 Channels 433.5000 MHz U280 FM Calling channel
433.550	433.550 Talk-in	recommendation	reference sheet only (priority 3)	430MHz!R41 433.5500 MHz U284 Used for Rally/Exhibition talk-in
433.800	433.800 APRS (if 144.800 unusable)	recommendation	plotted	430MHz!R46 433.800 MHz for APRS
434.000	434.000 Hotspots	recommendation	reference sheet only (priority 3)	430MHz!R50 434.000-434.5940 434.0000 Low Power Hot-Spot usage (Note 4)
434.375	434.375 Talkthrough mobile · EmComm	recommendation	reference sheet only (priority 3)	430MHz!R53; 430MHz!R95 434.3750 MHz 1.6 MHz Talkthrough - Mobile TX (Note 10) Note 10: May be used for Emergency Communications and Community Events
437.000	437.000 DATV/data	recommendation	plotted	430MHz!R61 437.0000 Experimental DATV/Data Centre of Activity (Note 14)
438.400	438.400 Talkthrough · EmComm	recommendation	reference sheet only (priority 3)	430MHz!R69; 430MHz!R95 438.4000 MHz 7.6 MHz Talkthrough (Note 10) Note 10: May be used for Emergency Communications and Community Events
438.6125	438.6125 UK DV calling	recommendation	plotted	430MHz!R71 438.6125 MHz UK DV calling (Note 12) (Note 13)
438.800	438.800 Hotspots	recommendation	reference sheet only (priority 3)	430MHz!R72 438.8000 Low Power Hot-Spot usage (Note 4)

FT8 (OPERATING CONVENTION)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
432.174	432.174 FT8	operating convention	hidden (FT8 display off for this band)	ft8.yaml

SUB-DESIGNATIONS (OVERLAY BARS)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
430.400–430.575	430.400–430.575 IARU digital links	recommendation	overlay bar + band note	430MHz!R13; 430MHz!R14 430.4000-430.5750 430.400-430.775 MHz UK DV 9 MHz split repeaters - Inputs digital links 430.7875 MHz UR63 UK Reverse 7.6 MHz split repeater - Input

MHz	Description	Status	Poster	Source row(s) and RSGB wording
430.600–430.925	430.600–430.925 IARU digital repeaters	recommendation	overlay bar + band note	430MHz!R15; 430MHz!R16 430.6000-430.9250 430.8000 MHz 7.6 MHz Talkthrough (Note 10) digital repeaters 430.8125-430.9750 MHz RU65-RU78 7.6 MHz split repeaters – outputs
433.700–433.775	433.700–433.775 EmComm & events (Note 10)	recommendation	overlay bar + band note	430MHz!R45; 430MHz!R95 All modes 433.7000-433.7750 MHz (Note 10) Note 10: May be used for Emergency Communications and Community Events
433.800–434.250	433.800–434.250 Digital comms & experiments	recommendation	overlay bar + band note	430MHz!R47 where 144.800 MHz 433.8000-434.2500 MHz Digital communications & Experiments (Note 3)
439.900–439.9875	439.900–439.9875 Low-power LoRa, pagers	recommendation	overlay bar + band note	430MHz!R79; 430MHz!R80 439.900 - 439.9875 MHz Digital Communications including Low Power Lora Gateways; Pagers etc (Note-9)

LICENCE RESTRICTIONS (OFCOM)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
430.000–432.000	430–432 max 40 W ERP (F 25 W ERP)	licence	overlay bar + band note	licence.yaml
431.000–432.000	431–432 not within 100 km of Charing Cross, London	licence	overlay bar + band note	licence.yaml

MENTIONED IN THE RSGB WORKBOOK, NOT PLOTTED ON THE POSTER

MHz	Description	Status	Poster	Source row(s) and RSGB wording
430.0125–430.100	430.0125-430.1000 MHz FM Internet voice gateways (Notes 7, 8)	recommendation	reference sheet only	430MHz!R9 430.0000-431.9810 MHz 430.0125-430.1000 MHz FM Internet voice gateways (Notes 7, 8)
430.025–430.575	Note 7: Users must accept interference from repeater output channels in France and the Netherlands at 430.025-430.575 MH	recommendation	reference sheet only	430MHz!R90 Note 7: Users must accept interference from repeater output channels in France and the Netherlands at 430.025-430.575 MHz.
430.1125	430.1125 MHz Low power / Adhoc repeater input (Note-6)	recommendation	reference sheet only	430MHz!R10 All modes 430.1125 MHz Low power / Adhoc repeater input (Note-6)
430.125–430.1375	430.1250-430.1375 MHz UK DV 9 MHz split repeaters - Inputs - (Note-10)	recommendation	reference sheet only	430MHz!R11 430.1250-430.1375 MHz UK DV 9 MHz split repeaters - Inputs - (Note-10)
430.250–430.300	430.250-430.300 MHz UK DV 9 MHz reverse-split repeaters - Outputs	recommendation	reference sheet only	430MHz!R12 430.250-430.300 MHz UK DV 9 MHz reverse-split repeaters - Outputs
430.7875	430.7875 MHz UR63 UK Reverse 7.6 MHz split repeater - Input	recommendation	reference sheet only	430MHz!R14 digital links 430.7875 MHz UR63 UK Reverse 7.6 MHz split repeater - Input
430.8125–430.975	430.8125-430.9750 MHz RU65-RU78 7.6 MHz split repeaters – outputs	recommendation	reference sheet only	430MHz!R16 digital repeaters 430.8125-430.9750 MHz RU65-RU78 7.6 MHz split repeaters – outputs
430.990–431.900	430.9900-431.9000 MHz Digital Communications	recommendation	reference sheet only	430MHz!R18 430.9900-431.9000 MHz Digital Communications
431.025–431.250	431.0250-431.2500 MHz DV Internet voice gateways (Note 8)	recommendation	reference sheet only	430MHz!R19 431.0250-431.2500 MHz DV Internet voice gateways (Note 8)
432.491–432.493	432.491-432.493 MHz Personal Weak Signal MGM Beacons (BW: 500 Hz max)	recommendation	reference sheet only	430MHz!R25 432.491-432.493 MHz Personal Weak Signal MGM Beacons (BW: 500 Hz max)

MHz	Description	Status	Poster	Source row(s) and RSGB wording
432.625–432.675	432.6250-432.6750 MHz Digital communications	recommendation	reference sheet only	430MHz!R28 All modes 432.6250-432.6750 MHz Digital communications
433.000–433.375	433.0000-433.3750 MHz (RB0-RB15) RU240-RU270...	recommendation	reference sheet only	430MHz!R31 432.9940-433.3810 433.0000-433.3750 MHz (RB0-RB15) RU240-RU270...
433.425	433.4250 MHz U274	recommendation	reference sheet only	430MHz!R36 433.4250 MHz U274
433.475	433.4750 MHz U278	recommendation	reference sheet only	430MHz!R38 Simplex 433.4750 MHz U278
433.525	433.5250 MHz U282	recommendation	reference sheet only	430MHz!R40 433.5250 MHz U282
433.575	433.5750 MHz U286	recommendation	reference sheet only	430MHz!R42 433.5750 MHz U286
433.625–433.675	433.6250-433.6750 MHz Digital communications	recommendation	reference sheet only	430MHz!R44 433.6000-434.0000 433.6250-433.6750 MHz Digital communications
433.950–434.050	433.9500-434.0500 MHz Internet voice gateways (Note 8)	recommendation	reference sheet only	430MHz!R51 433.9500-434.0500 MHz Internet voice gateways (Note 8)
434.475–434.525	434.4750-434.5250 MHz DV Internet voice gateways (Note 8)	recommendation	reference sheet only	430MHz!R54 434.4750-434.5250 MHz DV Internet voice gateways (Note 8)
434.600–434.975	434.6000-434.9750 MHz (RB0-RB15) RU240-RU270	recommendation	reference sheet only	430MHz!R56 434.5940-434.9810 434.6000-434.9750 MHz (RB0-RB15) RU240-RU270
438.025–438.175	438.0250-438.1750 MHz IARU Region 1 Digital communications	recommendation	reference sheet only	430MHz!R64 438.0250-438.1750 MHz IARU Region 1 Digital communications
438.200–439.425	438.2000-439.4250 MHz (Note 1)	recommendation	reference sheet only	430MHz!R67 All modes 438.2000-439.4250 MHz (Note 1)
438.3875	438.3875 MHz UR63 Reverse 7.6 MHz split repeaters output	recommendation	reference sheet only	430MHz!R68 438.3875 MHz UR63 Reverse 7.6 MHz split repeaters output
438.4125–438.575	438.4125-438.5750 MHz RU65-RU78 7.6MHz split repeaters – inputs	recommendation	reference sheet only	430MHz!R70 438.4125-438.5750 MHz RU65-RU78 7.6MHz split repeaters – inputs
438.775	Note 4: Hot Spots - 438.775 and 438.7875 MHz are also options if preferred channels above are not available	recommendation	reference sheet only	430MHz!R87 Note 4: Hot Spots - 438.775 and 438.7875 MHz are also options if preferred channels above are not available
438.7875	Note 4: Hot Spots - 438.775 and 438.7875 MHz are also options if preferred channels above are not available	recommendation	reference sheet only	430MHz!R87 Note 4: Hot Spots - 438.775 and 438.7875 MHz are also options if preferred channels above are not available
439.1125	439.1125 MHz Low power / Adhoc repeater Output (Note-6)	recommendation	reference sheet only	430MHz!R73 439.1125 MHz Low power / Adhoc repeater Output (Note-6)
439.125–439.1375	439.1250-439.1375 MHz UK DV 9 MHz split repeaters - Outputs (Note-10)	recommendation	reference sheet only	430MHz!R74 439.1250-439.1375 MHz UK DV 9 MHz split repeaters - Outputs (Note-10)
439.250–439.300	439.250-439.300 MHz UK DV 9 MHz reverse-split repeaters - Inputs	recommendation	reference sheet only	430MHz!R75 439.250-439.300 MHz UK DV 9 MHz reverse-split repeaters - Inputs

MHz	Description	Status	Poster	Source row(s) and RSGB wording
439.400–439.775	439.400-439.775 MHz UK DV 9 MHz split repeaters - Outputs	recommendation	reference sheet only	430MHz!R78 439.400-439.775 MHz UK DV 9 MHz split repeaters - Outputs
439.600–440.000	439.6000-440.0000 MHz Digital communications	recommendation	reference sheet only	430MHz!R77 439.6000-440.0000 MHz Digital communications
439.9125	Note 9: Coordinated usage includes - Low-power Lora 125kHz Max BW at 439.9125 MHz, POCSAG Pagers at 439.9875MHz	recommendation	reference sheet only	430MHz!R94 Note 9: Coordinated usage includes - Low-power Lora 125kHz Max BW at 439.9125 MHz, POCSAG Pagers at 439.9875MHz