

The 70 cm band

IARU Spectrum Requirement

The amateur services require the establishment of the band 430 – 440 MHz as a worldwide exclusive band, with continued sharing of 420 – 430 MHz and 440 – 450 MHz where now permitted. In addition, the deletion from the Radio Regulations of footnotes for fixed and mobile operation in some countries in the band 430 – 440 MHz is sought.

Band Plan

Varna 2014

Frequency	maximum Bandwidth	Mode	Usage
430.000 432.975	20 KHz	All modes	430.025 - 430.375 FM repeater output (1.6 MHz shift) 430.400 - 43.575 digital communications 430.600 - 430.925 digital communications repeater channels 430.925 - 431.025 multimode channels 431.05 - 432975 Repeater input channels (1.6 MHz shift)
432.000 432.100	500 Hz	Telegraphy and MGM	432.000 - 432.500 EME 432.050 Telegraphy Centre of activity 432.088 PSK31 Centre of activity
432.100 432.400	2700 Hz	Telegraphy, MGM and SSB	432.200 SSB centre of activity 432.350 Microwave talkback centre of activity 432.370 FSK441 centre of activity
432.400 432.490	500 Hz	Telegraphy and MGM	Beacons exclusive
432.500 432.975	12 KHz	All Modes	432.500 New APRS frequency REPEATER INPUT REGION 1 STANDARD, 25 kHz spacing, 2 MHz shift (Channel freq 432.600 - 432.975 MHz)
433.000 433.375	12 KHz	FM Digital Voice repeater	REPEATER INPUT REGION 1 STANDARD, 25 kHz spacing, 1.6 MHz shift
433.400 433.575	12 KHz	FM Digital Voice	433.400 SSTV (FM/AFSK) 433.450 Digital Voice calling 433.500 FM calling
433.600 434.000	20 KHz	All modes	433.625 - 433.775 Digital communications channels 434.000 Centre frequency of digital experiments
434.000 434.594	12 KHz	All modes ATV	434.450 Digital communications channels

434.594 434.981	12 KHz	All Modes	
435.000 438.000	20 KHz	Satellite Service and ATV	ATV Repeater outputs are not permitted in the 435 MHz Band
438.000 440.000	20 KHz	All Modes	438.025 - 438.175 Digital communication channels 438.200 - 438.525 Digital communication repeater channels 438.550 - 438.625 Multi mode 438.650 - 439.425 Repeater output channels (7.6 MHz shift) 439.800 - 439.975 Digital communication link channels

Please see the IARU Region 1 VHF Handbook for details