



# IARU Region 1 VHF band plan

Effective September 2017 (Landshut)

edited by ON4AVJ (31/03/2020)

	FREQUENCY SEGMENT (kHz)	MAX BANDWIDTH (Hz)		PREFERRED MODE AND USAGE
50 MHz	50,000 - 50,100	500	Coordinated Beacon Project Telegraphy	000 - 010 Region 1, 010-020 Region 2, 020-030 Region 3 50,050 centre of activity 50,090 intercontinental centre of activity
	50,100 - 50,200	2700	SSB and Telegraphy	50,100-50,130: intercontinental. Centre of activity: 50,110 50,130-50,200: international. Centre of activity: 50,150
	50,200 - 50,300	2700	SSB and Telegraphy	General use. 50,285: crossband
	50,300 - 50,400	2700	Narrow band modes, MGM	50.305 PSK Center of activity 50.310 - 320 EME center of activity 50.320 - 380 MS center of activity
	50,400 - 50,500	1000	MGM and Telegraphy	Beacons exclusive (50.401 MHz +/- 500Hz WSPR Beacons)
	50,500 - 52,000	12 KHz	all mode	50.510 SSTV 50.520 - 540 Simplex FM Internet Voice Gateways 50.550 Image working frequency 50.600 RTTY (FSK) 50.620 - 750 Digital communications 50.630 Digital Voice (DV) calling 51.210 - 390 FM/DV Repeater Inputs 51.410 - 590 FM/DV Simplex 51.510 FM calling frequency 51.810 - 51.990 FM repeaters output channels
	52,000 - 54,000	500 KHz	all mode	In those Region 1 countries where 52 - 54 MHz (or parts thereof) is allocated, its use should be planned on the basis of up to 4 x 500 kHz blocks which may be sub-divided to suit digital applications. Amateurs using digital transmission methods must also ensure that their transmissions do not spread beyond band edges.
70 MHz	70,000 - 70,090	1000	MGM and Telegraphy	Coordinated beacons
	70,090 - 70,100	1000	MGM and Telegraphy	Temporary and personal beacons 70.091 Personal WSPR beacons
	70,100 - 70,250	2700	SSB, Telegraphy, MGM	70.185 Crossband center of activity 70.200 Telegraphy/SSB calling 70.250 MS calling
	70,250 - 70,294	12 KHz	AM, FM	70.260 AM/FM calling 70.270 MGM centre of activity
	70,294 - 70,500	12 KHz	FM Channels 12,5 KHz spacing	70.3125 digital communications 70.3250 digital communications 70.4500 FM calling 70.4875 digital communications
144 MHz	144,000 -144,025	2700	all mode	satellite downlink only
	144,025 -144,100	500	Telegraphy	144.050 Telegraphy calling 144.100 Random MS
	144,100 - 144,150	500	MGM and Telegraphy	144.110-144-160 EME MGM
	144,150 - 144,400	2700	SSB, Telegraphy, MGM	144.195-144.205 Random MS SSB 144.300 SSB Centre of activity
	144,400 - 144,490	500	MGM and Telegraphy	Beacons exclusive
	144,491 - 144,493	500	EMGM	Experimental MGM
	144,500 - 144,794	20 KHz	All mode	144.500 Image mode centre (SSTV, Fax,...) 144.600 Data Centre of activity (MGM, RTTY,...) 144.750 ATV Talk back
	144,794 - 144,9625	12 KHz	MGM Digital Communication	144.800 APRS 144.8125 DV internet voice gateway 144.8250 DV internet voice gateway 144.8375 DV internet voice gateway 144.8500 DV internet voice gateway 144.8625 DV internet voice gateway
	144,975 - 145,194	12 KHz	FM/Digital Voice	Repeater input exclusive
	145,194 - 145,206	12 KHz	FM/Digital Voice	Space Communication
	145,206 - 145,5625	12 KHz	FM/Digital Voice	145.2375 FM Internet Voice Gateway 145.2875 FM Internet Voice Gateway 145.3375 FM Internet Vocie Gatway 145.375 digital voice calling 145.500 FM calling
	145,575 - 145,7935	12 KHz	FM/Digital Voice	Repeater output exclusive
	145,794 - 145,806	12 KHz	FM/Digital Voice	Space Communication
145,806 -146,000	12 KHz	All mode	Sattelite exclusive	