



# IARU Region 1 VHF band plan

Effective September 2017 (Landshut)

edited by ON4AVJ

	FREQUENCY SEGMENT (MHz)	MAX BANDWIDTH (Hz)		PREFERRED MODE AND USAGE
430 - 440 MHz	430,000 - 432,975	20 KHz	all mode	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 431.050 - 431.825 Repeater input channel freqs 7.6 MHz shift 431.625 - 431.975 Repeater input channels (1.6MHz shift)
	432,000 - 432,100	500	MGM &Telegraphy	432.000 - 432.500 EME 432.050 Telegraphy Centre of activity 432.088 PSK31 Centre of activity
	432,100 - 432,400	2700	MGM, Telegraphy &SSB	432.200 SSB centre of activity 432.350 Microwave talkback centre of acitivity 432.370 FSK441 centre of activity
	432,400 - 432,490	500	MGM &Telegraphy	Beacons Exclusive
	432,191 -432,193	500	EMGM	Experimental MGM
	432,500 - 432,975	12 KHz	all mode	432.500 New APRS frequency REPEATER INPUT REGION 1 STANDARD, 25 kHz spacing, 2 MHz shift(Channel freq 432.600 - 432.975MHz)
	433,000 -433,375	12 KHz	FM / Digital Voice repeaters	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 mode	433.625 - 433.775 Digital communications channels 434.000 Centre frequency of digital experiments
	433,000 - 433,594	12 KHz	All mode - ATV	434.450 Digital communications channels
	433,594 - 433,981	12 KHz	All mode	
	435,000 -438,000	20 KHz	Sattelite service & ATV	ATV Repeater outputs are not permitted in the 435 MHz Band
438,000 -440,000	20 KHz	All mode	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	

1240 - 1300 MHz	1240,000 -1240,500	2700	all modes	Reserved for the future
	1240,500 - 1240,750	500	MGM & Telegraphy	Beacons (reserved for the future)
	1240,750 - 1241,000	20 Khz	FM/ Digital Voice	Reserved for the future
	1241,000 - 1243,250	20 Khz	all modes	1242.025 - 1242.250 repeater output 1242.275 - 1242.700 repeater output 1242.725 - 1243.250 Digital communications
	1243,250 - 1260,000	*	(D)ATV	1258.150 - 1259.350 Repeater output
	1260,000 - 1270,000	*	Sattelite service	
	1270,000 - 1272,000	20 Khz	all modes	1270.025 - 1270.700 Repeater input 1270.725 - 1271.250 Digital Communication
	1272,000 - 1290,994	*	(D)ATV	
	1290,994 - 1291,481	20 Khz	FM/ Digital Voice	Repeater Input 25 KHz spacing
	1291,494 - 1296,000	*	all modes	1293.150 - 1294.350 repeater input R20 - R68
	1296,000 - 1296,150	500	MGM & Telegraphy	1296.000 - 1296.025 Moonbounce 1296.138 PSK31 Centre of activity
	1296,150 - 1296,800	2700	MGM, Telegraphy & SSB	1296.200 Narrow band centre of activity 1296.400 - 1296.600 linear transponder input 1296.500 fax 1296.600 Narrowband data centre of activity (MGM,RTTY,...) 1296.600 - 1296.700 lineartransponder output 1296.741- 1296.743 experimental MGM (500Hz) 1296.750 - 1296.800 local beacons
	1296,800 - 1296,994	500	MGM & Telegraphy	Beacons exclusive
	1296,994 - 1297,481	20 Khz	FM/ Digital Voice	Repeater Output 25 KHz spacing
	1297,494 - 1297,981	20 Khz	FM/ Digital Voice	1297.500 SM20 1297.500 centre of FM acitivity 1297.725 digital voice calling frequency 1297.900 - 1297.975 Simplex FM internet gateways 1297.975 SM39
	1298,000 - 1299,000	20 Khz	all modes	General mixed analogue or digital use 25 KHz spacing channels 1298.025 RS1 1298.975 RS39

1299,000 - 1299,750	150 KHz	all modes	Arranged as 5 x150kHz channels for high speed Digital Data (DD) usage: Centres: 1299.075, 1299.225, 1299.375, 1299.525, 1299.675 MHz (+/- 75kHz)
1299,750 -1300,000	20 KHz	all modes	8x25kHz channels (available for FM/DV use) : Centres: 1299.775-1299.975

\* Bandwidth limits according to national regulations.

2300 - 2450 MHz	2300,000 - 2320,000	20 KHz	all modes	2304 - 2306 Narrow band segment in countries where the 2320-2322 segment is not available 2308 - 2310 Narrow band segment in HB
	2320,000 - 2320,150	500	MGM & Telegraphy	2320.000-2320.025 EME
	2320,150 - 2320,800	2700	Telegraphy &SSB	2320.200 SSB centre of activity 2320.750-2320.800 Local Beacons (10W ERP max)
	2320,800 - 2321,000		MGM & Telegraphy	Beacons exclusive
	2321,000 - 2322,000	20 KHz	FM / Digital Voice	Voice simplex and repeaters
	2322,000 - 2400,000		all modes	2322.000-2355.000 ATV 2355.000-2365.000 Digital communications 2365.000-2370.000 Repeaters 2370.000-2392.000 ATV 2392.000-2400.000 Digital communications
	2400,000 - 2450,000		amatuer sattelite service	2400 - 2402 Narrow band segment in countries where the 2320-2322 segment is not available 2427.00 - 2443.00 ATV if no satellite uses this segment





