



IARU Region 1 UHF band plan

Effective December 2020 (VGC - Novi Sad)

edited by ON4AVJ (18/03/2020)

| | FREQUENCY SEGMENT (MHz) | MAX BANDWIDTH (Hz) | PREFERRED MODE AND USAGE | |
|------------------|-------------------------|--------------------|--|--|
| 430 -440 MHz | 430,000 - 431,975 | 20 KHz | all mode | 430.025 - 430.375 FM repeater output (1.6 MHz shift) 430.400 - 430.575 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 | 432.050 Telegraphy 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 Meteo Scatter 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 432,600-432,9875 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 | none | all mode | 433.625 - 433.775 Digital communications channels 434.000 Centre frequency of digital experiments |
| | 434,000 - 434,594 | 12 KHz | All mode - ATV | 434.450-434.575 Digital communications channels |
| | 434,594 - 434,981 | 12 KHz | All mode | 434.600-434.9875 Repeater Output (12.5 KHz spacing 1.6 or 2MHz shift) |
| | 435,000 -436,000 | none | Sattelite service | |
| | 436,000 -438,000 | none | Sattelite service & DATV/data | DATV/data centre of activity |
| 438,000 -440,000 | none | 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 | |

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|---------------------|---------------------|-----------|---|---|
| 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.

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|-----------------|---------------------|--------|--------------------------|---|
| 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 - 2320,800 | none | all modes | 2320.000-2320.025EME 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 | none | 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 | | amateu 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 |

