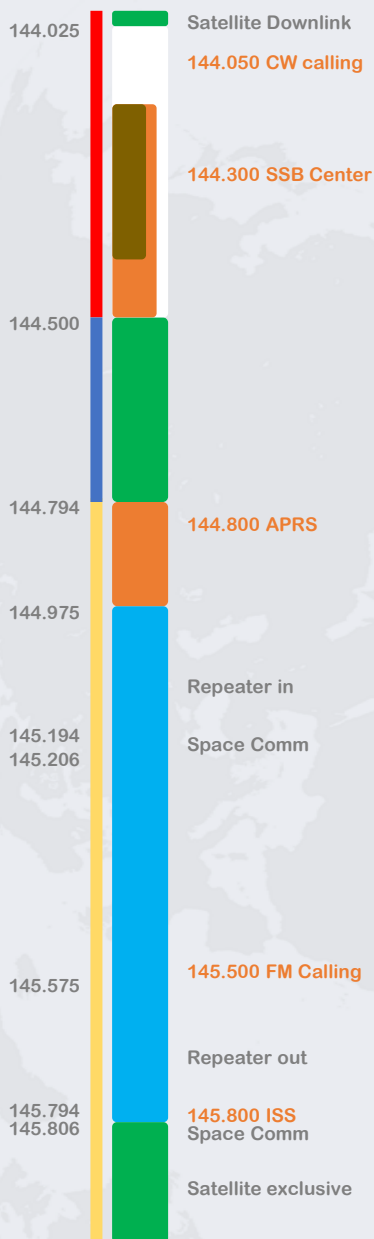


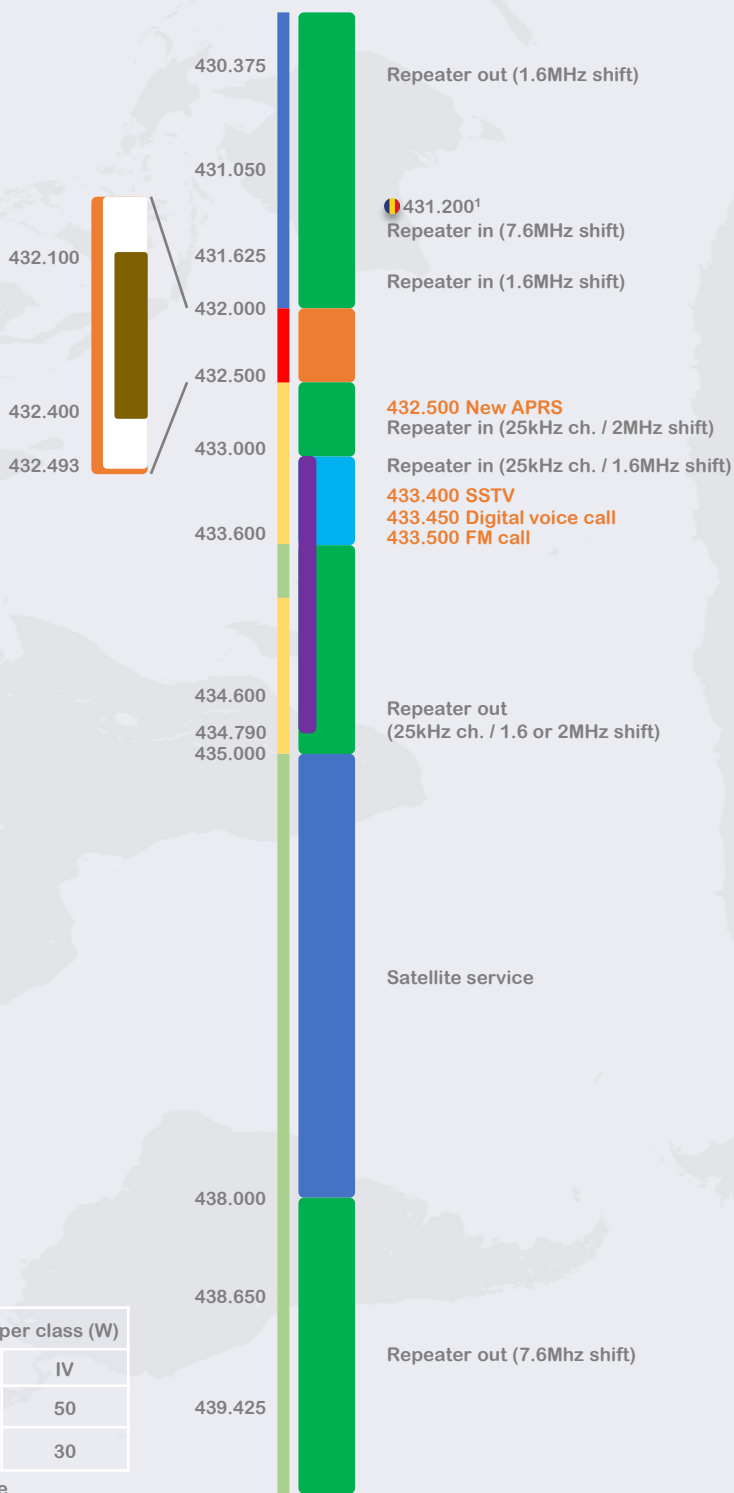
VHF 2m

144-146MHz (2MHz band)



UHF 70cm

430-440MHz (10MHz band)

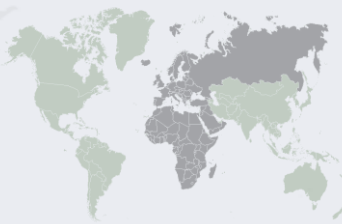


	Authorized Peak Envelope Power (PEP) per class (W)			
	I	II	III	IV
VHF - 2m	400	200	100	50
UHF - 70cm	200	100	50	30

¹ 430.000 - 431.200 MHz not part of radio amateur service

All modes
CW
MGM
SSB
FM / Dig. voice
Sat. service
ISM

- See verso
- none
- 20 kHz
- 12 kHz



IARU Region 1

2m & 70cm Band Plan

Based on IARU-R1 VHF Handbook v9.00 November 2020
Ver 1.1

Sources:

- National Authority for Management and Regulation in Communications of Romania - Radio amateur services regulations
- ITU Radio Regulations, 2020 Edition
- IARU-R1 VHF Handbook

YO3MIO - Feel free to print, distribute and modify this document while maintaining the source and author <https://github.com/mircea84/VHFHamBands/>

VHF 2m

144-146MHz (2MHz band)

Based on IARU-R1 VHF Handbook v9.00 November 2020

Frequency segment	Max Bw. (Hz)	Preferred mode and usage	
144.000 -144.025	2700	all mode	sattelite downlink only
144.025 -144.100	500	Telegraphy	144.050 Telagraphy calling 144.100 Random MS
144.100 - 144.150	500	MGM and Telegraphy	144.110-144-160 CW and MGM EME
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	Personal weak signal MGM Beacons	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 Voice Gateway 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	Satellite exclusive

UHF 70cm

430-440MHz (10MHz band)

Frequency segment	Max Bw. (Hz)	Preferred mode and usage	
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 center of activity 432.350 Microwave talkback center of activity 432.370 Meteor Scatter center of activity
432.400 - 432.490	500	MGM &Telegraphy	Beacons Exclusive
432.491 -432.493	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 freqs 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 - 433.594	12 kHz	All mode - ATV	434.450-434.575 Digital communications channels
433.594 - 433.981	12 kHz	All mode	434.600-434.9875 Repeater Output (25 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 center 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