

Условия использования выделенных полос радиочастот рекомендованные IARU Region 1

Диапазоны ДВ (LF), СВ (MF) и КВ (HF)

Полоса радиочастот, кГц	Макс. ширина полосы сигнала на уровне -6 дБ, Гц	Виды модуляции и использование (в порядке приоритета)	Примечания
Диапазон 2200 м ДВ (LF)			
135.7 - 137.8	200	CW, DigiModes	
Диапазон 630 м СВ (MF)			
472 - 479	200	CW, DigiModes	
Диапазон 160 м СВ (MF)			
1810 - 1838	200	CW	1836 kHz - QRP Centre of Activity
1838 - 1840	500	DigiModes, CW	
1840 - 1843	2700	DigiModes, CW	
1843 - 1900	2700	SSB, CW	
1900 - 2000	2700	SSB, AM, CW	6000 Hz bandwidth for AM
Диапазон 80 м КВ (HF)			
3500 - 3580	200	CW	3500 - 3510 kHz priority for intercontinental operation, 3510 - 3560 kHz contest preferred, 3555 kHz - QRS Centre of Activity, 3560 kHz - QRP Centre of Activity
3580 - 3600	500	DigiModes, CW	3590 - 3600 kHz automatically controlled data stations (unattended)
3600 - 3620	2700	DigiModes, SSB, CW	Automatically controlled data station (unattended) also
3620 - 3800	2700	SSB, ImageModes, CW	3600 - 3650 kHz & 3700 - 3800 kHz SSB contest preferred, 3775 - 3800 kHz priority for intercontinental operation, 3630 kHz - Digital Voice Centre of Activity, 3690 kHz - SSB QRP Centre of Activity, 3735 kHz - ImageModes Centre of Activity, 3760 kHz - Region 1 Emergency Centre of Activity
Диапазон 40 м КВ (HF)			
7000 - 7040	200	CW	7030 kHz - QRP Centre of Activity
7040 - 7050	500	DigiModes, CW	7047 - 7050 kHz automatically controlled data stations (unattended)
7050 - 7060	2700	DigiModes, SSB, CW	7050 - 7053 kHz automatically controlled data stations (unattended)
7060 - 7200	2700	SSB, ImageModes, CW	7060 - 7100 kHz & 7130 - 7200 kHz SSB contest preferred, 7175 - 7200 kHz priority for intercontinental operation, 7070 kHz - Digital Voice Centre of Activity, 7090 kHz - SSB QRP Centre of Activity, 7110 kHz - Region 1 Emergency Centre of Activity, 7165 kHz - ImageModes Centre of Activity
Диапазон 30 м КВ (HF)			
10100 - 10140	200	CW	10116 kHz - QRP Centre of Activity
10140 - 10150	500	DigiModes, CW	
Диапазон 20 м КВ (HF)			
14000 - 14070	200	CW	14000 - 14060 contest preferred, 14055 kHz - QRS Centre of Activity, 14060 kHz - QRP Centre of Activity
14070 - 14099	500	DigiModes, CW	14089 - 14099 kHz automatically controlled data stations (unattended)
14099 - 14101	200	CW	IBP, exclusively for beacons
14101 - 14112	2700	DigiModes, SSB, CW	Automatically controlled data station (unattended) also

14112 - 14350	2700	SSB, ImageModes, CW	14125 - 14300 kHz SSB contest preferred, 14130 kHz - Digital Voice Centre of Activity, 14195 kHz \pm 5 kHz - Priority for Dxpeditions, 14230 kHz - ImageModes Centre of Activity, 14285 kHz - SSB QRP Centre of Activity, 14300 kHz - Global Emergency centre of activity
Диапазон 17 м КВ (HF)			
18068 - 18095	200	CW	18086 kHz - QRP Centre of Activity
18095 - 18109	500	DigiModes, CW	18105 - 18109 kHz automatically controlled data stations (unattended)
18109 - 18111	200	CW	IBP, exclusively for beacons
18111 - 18120	2700	DigiModes, SSB, CW	Automatically controlled data station (unattended) also
18120 - 18168	2700	SSB, CW	18130 kHz - SSB QRP Centre of Activity, 18150 kHz - Digital Voice Centre of Activity, 18160 kHz - Global Emergency Centre of Activity
Диапазон 15 м КВ (HF)			
21000 - 21070	200	CW	21055 kHz - QRS Centre of Activity, 21060 kHz - QRP Centre of Activity
21070 - 21110	500	DigiModes, CW	21090 - 21110 kHz automatically controlled data stations (unattended)
21110 - 21120	2700	DigiModes, CW	Automatically controlled data station (unattended) also
21120 - 21149	500	DigiModes, CW	
21149 - 21151	200	CW	IBP, exclusively for beacons
21151 - 21450	2700	SSB, ImageModes, CW	21180 kHz - Digital Voice Centre of Activity, 21285 kHz - SSB QRP Centre of Activity, 21340 kHz - ImageModes Centre of Activity, 21360 kHz - Global Emergency Centre of Activity
Диапазон 12 м КВ (HF)			
24890 - 24915	200	CW	24906 kHz - QRP centre of activity
24915 - 24929	500	DigiModes, CW	24925 - 24929 kHz automatically controlled data stations (unattended)
24929 - 24931	200	CW	IBP, exclusively for beacons
24931 - 24940	2700	DigiModes, SSB, CW	Automatically controlled data station (unattended) also
24940 - 24990	2700	SSB, CW	24960 kHz - Digital Voice Centre of Activity
Диапазон 10 м КВ (HF)			
28000 - 28070	200	CW	28055 kHz - QRS Centre of Activity, 28060 kHz - QRP Centre of Activity
28070 - 28190	500	DigiModes, CW	28120 - 28150 kHz automatically controlled data stations (unattended)
28190 - 28225	200	CW	28190 - 28199 kHz IBP/regional time shared beacons, 28199 - 28201 kHz IBP/worldwide time shared beacons, 28201 - 28225 kHz IBP/continuous duty beacons
28225 - 28300	2700	SSB, CW	Beacons also
28300 - 28320	2700	DigiModes, CW	Automatically controlled data station (unattended) also
28320 - 29100	2700	SSB, ImageModes, CW	28330 kHz - Digital Voice Centre of Activity, 28360 kHz - SSB QRP Centre of Activity, 28680 kHz - Image Centre of Activity
29100 - 29200	6000	FM, AM, SSB, CW	FM simplex - 10 kHz channels
29200 - 29300	6000	DigiModes, CW	

29300 - 29510	6000	CW, SSB, FM	Satellite-downlink
29510 - 29520	-	-	Guard channel
29520 - 29700	6000	FM, AM, SSB, CW	29520 - 29590 kHz FM repeater input (RH1 - RH8), 29600 kHz FM calling channel, 29610 kHz FM simplex repeater (parrot), 29620 - 29700 kHz FM repeater outputs (RH1 - RH8)

Границы полос радиочастот указаны для излучаемых частот, а не для несущих частот (в т.ч. подавленной).

Виды модуляции и классы излучения используемые в радиолюбительской деятельности на ДВ/СВ/КВ-диапазонах:

Вид модуляции	Класс излучения	Описание
CW — телеграфия	A1A, A2A, F1A, F2A, J2A, G1A, G2A	Телеграфия в коде Морзе для звукового приёма
SSB, FM, AM — телефония	A3E, H3E, J3E, R3E, F3E, G3E	Телефония
DigiModes — цифровые виды	A1B, A2B, F1B, F2B, J2B, F1D, F2D, J2D	Любой цифровой вид связи с разрешённой шириной полосы сигнала, например RTTY, PSK, MT63 и т. д.
ImageModes — передача изображений	A1C, A2C, A3C, J2C, J3C, F1C, F2C, F3C, G1C, G2C, G3C	Любой аналоговый или цифровой вид связи для передачи изображений с разрешённой шириной полосы сигнала, например SSTV, FAX и т. д.