

## Worldwide Broadcast Frequency Allocation Table 2024

Common name	Band Name	Freq Step	Region 1	Region2	Region 3	Modulation
			Europe, Africa, CIS & West Asia	Americas, Greeland & East Pacific Ocean	E.Asia, Oceania, West Pacific & Indian Ocean	
Frequency unit			kHz			
Long Wave	Low Frequency	9 kHz	148.5 -283.5			AM, DRM
Medium Wave (AM)	Medium Frequency (MW)	9 kHz, 10 kHz region 2	526 - 1606.5	535 - 1705	526.5 - 1605.5	AM, DRM, HD radio
Frequency unit			MHz			
Tropical Short Wave	Tropical	5 kHz	2.300 - 2.498	2.300 - 2.495		AM, DRM
2.50000 MHz	Standard Freq & Time		2 495 – 2 501			AM
Tropical Short Wave	Tropical	5 kHz	3.200 - 3.230			AM, DRM
			3.230 - 3.400			
			3.900 - 3.950		3.900 - 3.950	
			4.750 - 4.850			
			4.850 - 4.995			
5.000000 MHz	Standard Freq & Time		4.995 - 5.005			AM
Transcontinental Short Wave	High Frequency (SW)	5 kHz	5.005 - 5.060			AM, DRM
			5.900 - 6.200			
			7.200 - 7.300		7.200 - 7.300	
			7.300 - 7.400			
			7.400 - 7.450		7.400 - 7.450	
			9.400 - 9.900			
10.00000 MHz	Standard Freq & Time		9.995 - 1.0005			AM
Transcontinental Short Wave	High Frequency (SW)	5kHz	11.600 - 12.100			AM, DRM
			13.500 - 13.870			
15.00000 MHz	Standard Freq & Time		14 990 – 15 005			AM
Transcontinental Short Wave	High Frequency (SW)	5 kHz	15.100 - 15.800			AM, DRM
			17.480 -17.900			
			18.900 - 19.920			
20.00000 MHz	Standard Freq & Time		19 995 – 20 010			AM

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			Europe, Africa, CIS & West Asia	Americas, Greeland & East Pacific Ocean	E.Asia, Oceania, West Pacific & Indian Ocean	
Transcontinental Short Wave	High Frequency (SW)	5 kHz	21.450 - 21.850			AM, DRM
Local Short Wave			25.670 - 26.100			
DRM Band 1	Very High Frequency (VHF band 1 or VHF Low)	100 kHz	47 - 50		47 - 50	DRM
			50 - 68	54 - 72	54 - 68 (-74)	
			68 - 74 , 81 - 87	76 - 88	77 - 87	DRM, FM
FM, DRM Band 2	Very High Frequency (VHF band 2)	100 kHz DRM, 200 kHz FM	87.5 - 108	88 - 108	87 -108	FM, DRM, HD Radio
DAB+, DRM & Television	Very High Frequency (VHF band 3 or VHF High)	DAB+ around 1.56 MHz, TV 6 ,7 or 8 MHz	174 - 230	174 - 216	174 - 230	DAB+DRM radio, TVB T2, ATSC3.0, DVB-T1, ISDB, ATSC1.0
Television	Ultra High Frequency (B4)	TV 6 ,7 or 8 MHz	470 - 606	470 - 608	470 - 610	
Television	UHF B5		606 - 694	614 - 698	610 - 694	
Frequency unit			GHz			
L-band Satellite	UHF	DAB+ around 1.56 MHz	1.452 - 1.492			DAB+
SiriusXM pay radio	S Band	2.1 MHz		2.310 - 2.360		COFDM
Low orbiting satellite			2.520 - 2.700			
Geo-stationary satellite	C Band TV		3.700 - 4.200			
	Ku Band TV	Radio data can be either data mulitplexed into TV signal	11.700 - 12.500	12.200 - 12.700	11.700 - 12.200	DVB-S2 (QPSK)
					12.500 - 12.75	
Up				17.300 - 17.800		
	K band		21.200 - 21.400		21.200 - 21.400	
Down	Ka band		40.500 - 42.500			
Down			71.000 - 74.000			

Note COFDM is used in DRM, DAB+, DVB, ATSC3.0, ISDB

<https://www.acma.gov.au/australian-radiofrequency-spectrum-plan>