

Popular Amateur Bands

See: ARRL Figure 2-3, page 2-4, Section 7.3 page 7-10,
T1B page 11-6 and T3B page 11-23

<i>Range Name</i>	<i>Wavelength meters</i>	<i>Calculated Frequency MHz</i>	<i>Band Lower Limit MHz</i>	<i>Band Upper Limit MHz</i>	<i>Available Bandwidth Mhz</i>
MF	160	1.875	1.8	2	0.2
HF	80	3.75	3.5	4	0.5
	75	4			
	40	7.5	7	7.3	0.3
	20	15	14	14.35	0.35
	10	30	28	29.7	1.7
VHF	6	50	50	54	4
	2	150	144	148	4
	1.25	240	222	225	3
UHF	0.7	429	420	450	30
	0.23	1304	1240	1300	60

Typical Amateur Signal Bandwidth

See: ARRL Table 2-3, page 2-10, and T8A, page 11-58

	<i>CW</i>	<i>SSB Voice</i>	<i>AM Voice</i>	<i>FM</i>	<i>TV</i>
<i>Bandwidth kHz</i>	0.15	3	6	10	6000
<i>Relative Required Power</i>	1	20	40	67	40,000

Maximum Number of Signals per Band*

<i>Band meters</i>	<i>CW</i>	<i>SSB Voice</i>	<i>AM Voice</i>	<i>FM</i>	<i>TV</i>
160	1,333	66	33	20	0
80	3,333	166	83	50	0
40	2,000	99	50	30	0
20	2,333	116	58	35	0
10	11,333	566	283	170	0
6	26,666	1,333	666	400	0
2	26,666	1,333	666	400	0
1.25	20,000	1,000	500	300	0
0.7	200,000	10,000	5,000	3,000	5
0.23	400,000	20,000	10,000	6,000	10

*This table does not consider FCC modulation restrictions