

SIMPLIFIED RADIO FREQUENCY SPECTRUM

The most important Ham Bands:

Freq (MHz)	Wavelength Moniker
3.5-4.0 MHz	80 meters
7-7.3 MHz	40 meters
14-14.35MHz	20 meters
21-21.45MHz	15 meters
28-29.7MHz	10 meters
50-54 MHz	6 meters
144-148 MHz	2 meters

(double the freq / halve the wavelength)

Remember	Remember	Product
3.5 x 80 = 280		
7 x 40 = 280		
14 x 20 = 280		
21 x 15 = 315		
28 x 10 = 280		
50 x 6 = 300		
144 x 2 = 288		

FORMULA: $f_{\text{MHz}} * \text{Wavelength}_{\text{meters}} = 300$ (speed of light millions of meters/sec)

PICTORAL RADIO FREQUENCIES

AM Radio



80M ham



40M ham



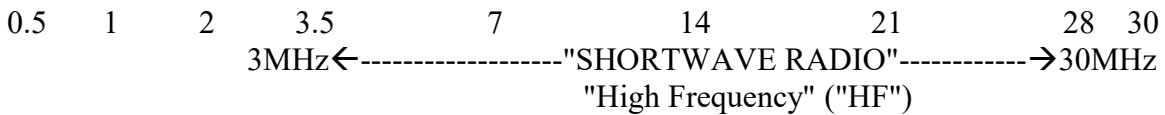
20M ham



15M ham



CB 10M ham



TV 2-6



FM Radio



AIRCRAFT



2Meter



Marine



TV7-13



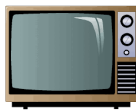
70cm
Ham



FRS
walkie-talkie



UHF TV



Cell
Phone



Cell
Phone



Microwave
Ovens

