

### Radar frequency bands according to IEEE

Frequency Band	Frequency Range GHz	Notes
<b>HF</b>	0.003 to 0.03	<b>H</b> igh <b>F</b> requency
<b>VHF</b>	0.03 to 0.3	<b>V</b> ery <b>H</b> igh Frequency
<b>UHF</b>	0.3 to 1	<b>U</b> ltra <b>H</b> igh Frequency
<b>L</b>	1 to 2	<b>L</b> ong wave
<b>S</b>	2 to 4	<b>S</b> hort Wave
<b>C</b>	4 to 8	<b>C</b> ompromise between <b>S</b> and <b>X</b>
<b>X</b>	8 to 12	<b>X</b> for cross hairs, used in WWII for fire control
<b>Ku</b>	12 to 18	<b>K</b> urz- <b>u</b> nder
<b>K</b>	18 to 27	<b>K</b> urz (German for short)
<b>Ka</b>	27 to 40	<b>K</b> urz- <b>a</b> bove
<b>V</b>	40 to 75	
<b>W</b>	75 to 110	<b>W</b> follows <b>V</b> in alphabet
<b>G</b>	110 to 300	millimeter