

**Table 2—Comparison of radar-frequency letter band nomenclature  
with ITU nomenclature**

Radar nomenclature		ITU nomenclature			
Radar letter designation	Frequency range	Frequency range	Band No.	Adjectival band designation	Corresponding metric designation
HF	3–30 MHz	3–30 MHz	7	High frequency (HF)	Dekametric waves
VHF	30–300 MHz	30–300 MHz	8	Very high frequency (VHF)	Metric waves
UHF	300–1000 MHz	0.3–3 GHz	9	Ultra high frequency (UHF)	Decimetric waves
L	1–2 GHz				
S	2–4 GHz				
C	4–8 GHz	3–30 GHz	10	Super high frequency (SHF)	Centimetric waves
X	8–12 GHz				
Ku	12–18 GHz				
K	18–27 GHz				
Ka	27–40 GHz				
V	40–75 GHz	30–300 GHz	11	Extremely high frequency (EHF)	Millimetric waves
W	75–110 GHz				
mm	110 –300 GHz				