

TABLE 11.1 Radar Frequency Bands

Radar Band Designation	International Telecommunication Union Frequency Bands	IEEE and Military Frequency Bands
HF	—	3–30 MHz
VHF	138–144 MHz; 216–225 MHz	30–300 MHz
UHF	420–450 MHz; 890–942 MHz	300–1000 MHz
L	1215–1400 MHz	1–2 GHz
S	2.3–2.5 GHz; 2.7–3.7 GHz	2–4 GHz
C	5.250–5.925 GHz	4–8 GHz
X	8.50–10.68 GHz	8–12 GHz
K _u	13.4–14.0 GHz; 15.7–17.7 GHz	12–18 GHz
K	24.05–24.25 GHz; 24.65–24.75 GHz	18–27 GHz
K _a	33.4–36.0 GHz	27–40 GHz
V	59.0–64.0 GHz	40–75 GHz
W	76.0–81.0 GHz; 92.0–100.0 GHz	75–110 GHz