

TABLE 7-10 EXAMPLE C-BAND DESIGN RADAR PARAMETERS

PARAMETER	VALUE
Frequency	5.3 GHz
Aperture	2.5 m diameter
RF Power	500 W
DC Power	1.7 kW
Mass	178 kg
Range	200 km
Range Tracking Accuracy (Thermal)	400 m (max. range 1 Hz rate)
Angle Tracking Accuracy (Thermal)	0.19° (max. range 1 Hz rate)