

TABLE 7-11 RADAR PARAMETERS FOR KA-BAND 60 KM RANGE RADAR

PARAMETER	VALUE
Frequency	35 GHz
Aperture	1 m diameter
RF Power	20 W
DC Power	280 W
Mass	80.5 kg
Range (5 m ² target)	60 km
Range Tracking accuracy (Thermal)	4 m RMS
Angle Tracking Accuracy (Thermal)	0.05° RMS