

# RF Exposure Safe Distances

System	Frequency (MHz)	RF Power (W)	RF Power (dBW)	Feed Loss (dB)	Antenna Gain (dBi)	EIRP (dBW)	Duty Cycle	6 minute Average (dBW)	U.S MPE Limit Power Density (mW/cm2)	U.S Safe Distance (ft)
Ku-Band GE-ER (-30) MB-SADT (0° El)	14130.0	27.4	14.38	1.24	38.19	51.33	1	51.33	5.00	48.26
Ku-Band GE-ER (-30) MB-SADT (40° El)	14130.0	27.4	14.38	1.24	-13.01	0.13	1	0.13	5.00	0.13
Ku-Band GE-ER (-30) MB-SGDT (0° El)	14125.0	55.1	17.41	0.49	53.39	70.31	1	70.31	5.00	429.03
Ka-Band GE-ER (-30) MB-SGDT (40° El)	14125.0	55.1	17.41	0.49	-13.75	3.17	1	3.17	5.00	0.19