

RF Beacon Lnk Budget		
Link Parameters		
Frequency	(MHz)	17,799.75
Tx E/S Antenna Gain	(dBi)	64.0
Power to Tx E/S Antenna	(dBW)	-15.0
Tx E/S EIRP	(dBW)	49.0
Incident Flux Density	(dBW/m2)	-113.8
Aperture Factor	(dB-m2)	-46.5
Polarization Loss	(dB)	0.0
Incident Isotropic Power	(dBW)	-160.3
Antenna Gain	(dBi)	49.8
Total Receive Losses	(dB)	5.0
Receiver Input Power	(dBW)	-115.5
Receiver Threshold	(dBW)	-130.0
Spacecraft Margin	(dB)	14.5