

Command Link Budget		
Link Parameters		Transfer Orbit
Frequency (average)	(MHz)	29506.25
Tx E/S Antenna Gain	(dBi)	68.0
Power to Tx E/S Antenna	(dBW)	22.0
Tx E/S EIRP	(dBW)	90.0
Incident Flux Density	(dBW/m2)	-73.3
Aperture Factor	(dB-m2)	-50.9
Polarization Loss	(dB)	0.0
Incident Isotropic Power	(dBW)	-124.2
Antenna Gain (minimum)	(dBi)	-4.5
Noise Temperature	(dB-K)	29.0
Total Receive Losses	(dB)	6.0
Satellite G/T	(dB/K)	-39.5
Receiver Input Power	(dBW)	-134.7
Receiver Threshold	(dBW)	-145.0
Spacecraft Margin	(dB)	10.3