

Command Link Budget (Transfer and Emergency)

Link Parameters		
Frequency	(MHz)	14,000
Incident Flux Density	(dBW/m ²)	-73.4
Aperture Factor	(dB-m ²)	-44.4
Incident Isotropic Power	(dBW)	-117.8
Antenna Gain (EOC)	(dBi)	-9.9
Noise Temperature	(dB-K)	29.2
Total Receive Losses	(dB)	6.0
Satellite G/T	(dB/K)	-39.1
Receiver Input Power	(dBW)	-133.7
Receiver Threshold	(dBW)	-142.0
Spacecraft Margin	(dB)	8.3