

Command Link Budget (Transfer Orbit and Emergency)

Link Parameters		
Frequency	(MHz)	29,998
Incident Flux Density	(dBW/m ²)	-76.0
Aperture Factor	(dB-m ²)	-51.0
Incident Isotropic Power	(dBW)	-127.0
Antenna Gain (EOC)	(dBi)	0.0
Noise Temperature	(dB-K)	32.0
Total Receive Losses	(dB)	6.0
Satellite G/T	(dB/K)	-32.0
Receiver Input Power	(dBW)	-133.0
Receiver Threshold	(dBW)	-138.0
Spacecraft Margin	(dB)	5.0