

Command Link Budget (On-Station)			
Link Parameters		Nom. U/L	Low U/L
Frequency	(MHz)	29,999.5	29,999.5
Incident Flux Density	(dBW/m ²)	-110.0	-120.0
Aperture Factor	(dB-m ²)	-51.0	-51.0
Incident Isotropic Power	(dBW)	-161.0	-171.0
Antenna Gain (Peak)	(dBi)	55.2	55.2
Noise Temperature	(dB-K)	28.7	28.7
Satellite G/T	(dB/K)	26.5	26.5
Receive Losses	(dB)	-23.6	-23.6
Receiver Input Power	(dBm)	-99.4	-109.4
Receiver Threshold	(dBm)	-112.0	-112.0
Spacecraft Margin	(dB)	12.6	2.6