

Command Link Budget (On Station)

Link Parameters

Frequency	(MHz)	29,998
Incident Flux Density	(dBW/m ²)	-100.0
Aperture Factor	(dB-m ²)	-51.0
Incident Isotropic Power	(dBW)	-151.0
Antenna Gain (-3 dB)	(dBi)	32.5
Noise Temperature	(dB-K)	29.0
Total Receive Losses	(dB)	6.0
Satellite G/T	(dB/K)	3.5
Receiver Input Power	(dBW)	-124.5
Receiver Threshold	(dBW)	-140.0
Spacecraft Margin	(dB)	15.5