

Command Link Budget (On Station)

Link Parameters

Frequency	(MHz)	6,424.5
Uplink EIRP	(dBW)	53.9
Rain Fade	(dB)	3.0
Spreading Loss	(dB/m2)	162.9
Incident Flux Density	(dBW/m2)	-112.0
Aperture Factor	(dB-m2)	-37.6
Incident Isotropic Power	(dBW)	-149.6
Antenna Gain (-3 dB contour)	(dBi)	26.0
Total Receive Losses	(dB)	6.0
Receiver Input Power	(dBm)	-99.6
Receiver Threshold	(dBm)	-110.0
Spacecraft Margin	(dB)	10.4