

## Command Link Budget (Transfer Orbit and Emergency)

Link Parameters	High U/L	Low U/L
Incident Flux Density (dBW/m <sup>2</sup> )	-60.0	-80.0
Aperture Factor (dB-m <sup>2</sup> )	-46.5	-46.5
Incident Isotropic Power (dBW)	-106.5	-126.5
Antenna Gain (EOC) (dBi)	0.0	0.0
Noise Temperature (dB-K)	35.0	35.0
Total Receive Losses (dB)	12.0	12.0
Satellite G/T (dB/K)	-35.0	-35.0
Receiver Input Power (dBm)	-88.5	-108.5
Receiver Threshold (dBm)	-112.0	-112.0
Spacecraft Margin (dB)	23.5	3.5