

## Command Link Budget (Transfer Orbit and Emergency)

### Link Parameters

Frequency	(MHz)	29,251
Incident Flux Density	(dBW/m <sup>2</sup> )	-70.0
Aperture Factor	(dB-m <sup>2</sup> )	-50.8
Incident Isotropic Power	(dBW)	-120.8
Antenna Gain (EOC)	(dBi)	0.0
Noise Temperature	(dB-K)	32.0
Total Receive Losses	(dB)	8.0
Satellite G/T	(dB/K)	-32.0
Receiver Input Power	(dBW)	-128.8
Receiver Threshold	(dBW)	-138.0
Spacecraft Margin	(dB)	9.2