

**Table A.13-11: Command Link Budget  
(Transfer Orbit and Emergency Operations)**

<b>Command Link Budget (Transfer Orbit and Emergency)</b>			
<b>Link Parameters</b>		<b>High U/L</b>	<b>Low U/L</b>
Frequency	(MHz)	5860	5860
Incident Flux Density	(dBW/m <sup>2</sup> )	-82.0	-102.0
Aperture Factor	(dB-m <sup>2</sup> )	-36.8	-36.8
Incident Isotropic Power	(dBW)	-118.8	-138.8
Antenna Gain (EOC)	(dBi)	-4.0	-4.0
Noise Temperature	(dB-K)	30.0	30.0
Total Receive Losses	(dB)	8.5	8.5
Satellite G/T	(dB/K)	-34.0	-34.0
Receiver Input Power	(dBm)	-88.8	-108.8
Receiver Threshold	(dBm)	-112.0	-112.0
Spacecraft Margin	(dB)	23.2	3.2