

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

Command Link Budget (Transfer Orbit and Emergency)			
Link Parameters		High U/L	Low U/L
Frequency	(MHz)	5926	5926
Incident Flux Density	(dBW/m ²)	-82.0	-102.0
Aperture Factor	(dB-m ²)	-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