

## Command Link Budget (On Station)

Link Parameters		High U/L	Low U/L
Frequency	(MHz)	25,249	25,249
Incident Flux Density	(dBW/m <sup>2</sup> )	-80.0	-95.0
Aperture Factor	(dB-m <sup>2</sup> )	-49.5	-49.5
Incident Isotropic Power	(dBW)	-129.5	-144.5
Antenna Gain (EOC)	(dBi)	16.7	16.7
Noise Temperature	(dB-K)	33.8	33.8
Total Receive Losses	(dB)	7.0	7.0
Satellite G/T	(dB/K)	-17.1	-17.1
Receiver Input Power	(dBm)	-89.8	-104.8
Receiver Threshold	(dBm)	-110.0	-110.0
Spacecraft Margin	(dB)	20.2	5.2