

Command Link Budget		
Link Parameters		On-Station
Frequency	(MHz)	17,794
Tx E/S Antenna Gain	(dBi)	64.0
Power to Tx E/S Antenna	(dBW)	5.8
Tx E/S EIRP	(dBW)	69.8
Incident Flux Density	(dBW/m ²)	-93.0
Aperture Factor	(dB-m ²)	-46.5
Polarization Loss	(dB)	0.0
Incident Isotropic Power	(dBW)	-139.5
Antenna Gain	(dBi)	24.3
Noise Temperature	(dB-K)	30.0
Total Receive Losses	(dB)	11.4
Satellite G/T	(dB/K)	-17.2
Receiver Input Power	(dBW)	-126.6
Receiver Threshold	(dBW)	-142.0
Spacecraft Margin	(dB)	15.4