

<b>Command Link Budget</b>		
<b>Link Parameters</b>		<b>Transfer Orbit</b>
Frequency	(MHz)	17,794
Tx E/S Antenna Gain	(dBi)	64.0
Power to Tx E/S Antenna	(dBW)	16.3
Tx E/S EIRP	(dBW)	80.3
Incident Flux Density	(dBW/m <sup>2</sup> )	-83.0
Aperture Factor	(dB-m <sup>2</sup> )	-46.5
Polarization Loss	(dB)	0.0
Incident Isotropic Power	(dBW)	-129.5
Antenna Gain	(dBi)	-1.0
Noise Temperature	(dB-K)	30.0
Total Receive Losses	(dB)	6.4
Satellite G/T	(dB/K)	-37.4
Receiver Input Power	(dBW)	-136.9
Receiver Threshold	(dBW)	-142.0
Spacecraft Margin	(dB)	5.1