

Telemetry Link Budget		
Link Parameters		Transfer Orbit
Frequency	(MHz)	12,692
Transmit Power	(dBW)	15.4
Line Losses	(dB)	3.6
Antenna Gain (minimum at EOC)	(dBi)	-4.0
EIRP (minimum at EOC)	(dBW)	7.8
Free Space Path Loss	(dB)	206.8
Rx E/S G/T (13m)	(dB/K)	42.0
Downlink C/N	(dB)	11.6
C/N Required	(dB)	9.0
Margin	(dB)	2.6