

Telemetry Link Budget (Transfer and Emergency)		
Link Parameters		
Frequency	(MHz)	3,701
Transmit Power	(dBW)	15.7
Line Losses	(dB)	3.6
Antenna Gain, EOC	(dBi)	-4.0
EIRP	(dBW)	8.1
Free Space path Loss	(dB)	195.5
Rx E/S G/T	(dB/K)	24.5
Downlink C/N	(dB)	13.7
C/N Required	(dB)	9.0
Margin	(dB)	4.7