

Telemetry Link Budget

Link Parameters		Omni Beam
Frequency	(MHz)	12,692
Transmit Power	(dBW)	15.5
Line Losses	(dB)	9.3
Antenna Gain (typical)	(dBi)	9.0
EIRP	(dBW)	15.2
Free Space Path Loss	(dB)	206.7
Rx E/S G/T	(dB/K)	42.9
Downlink C/N	(dB)	20.0
C/N Required	(dB)	9.0
Margin	(dB)	11.0