

## Telemetry Link Budget

Link Parameters		Comms Beam
Frequency	(MHz)	12,692
Transmit Power	(dBW)	-11.4
Line Losses	(dB)	4.9
Antenna Gain (EOC)	(dBi)	31.3
EIRP (EOC)	(dBW)	15.0
Free Space Path Loss	(dB)	206.3
Rx E/S G/T	(dB/K)	42.9
Downlink C/N	(dB)	20.2
C/N Required	(dB)	9.0
Margin	(dB)	11.2