

## Telemetry Link Budget

Link Parameters	Transfer Orbit
Frequency (MHz)	12,692
Transmit Power (dBW)	15.4
Line Losses (dB)	3.6
Antenna Gain (minimum) (dBi)	-4.0
EIRP (minimum) (dBW)	7.8
Free Space Path Loss (dB)	206.8
Rx E/S G/T (dB/K)	48.0
Downlink C/N (dB)	17.6
C/N Required (dB)	9.0
Margin (dB)	8.6