

## Telemetry Link Budget (On Station)

### Link Parameters

Frequency	(MHz)	12,691
Transmit Power	(dBW)	13.0
Line Losses	(dB)	5.7
Antenna Gain (EOC)	(dBi)	16.7
EIRP	(dBW)	24.0
Free Space Path Loss	(dB)	206.3
Rx E/S G/T	(dB/K)	36.7
Other Losses	(dB)	1.0
Downlink C/N	(dB)	22.0
C/N Required	(dB)	9.0
Margin	(dB)	13.0