

Telemetry Link Budget (On Station)

Link Parameters		
Frequency	(MHz)	11,448.0
Transmit Power	(dBW)	9.1
Line Losses	(dB)	7.8
Antenna Gain (EOC)	(dBi)	16.7
Downlink EIRP	(dBW)	18.0
Free Space Path Loss	(dB)	205.3
Rx E/S G/T	(dB/K)	37.8
Downlink C/N ₀	(dB)	79.1
Modulation Loss	(dB)	9.6
C/N ₀ Required	(dB)	50.0
Margin	(dB)	19.5