

Telemetry Link Budget (Transfer & Emergency)

Link Parameters		
Frequency	(MHz)	12,695.0
Transmit Power	(dBW)	15.5
Line Losses	(dB)	4.5
Antenna Gain (EOC)	(dBi)	-4.0
Downlink EIRP	(dBW)	7.0
Free Space Path Loss	(dB)	206.8
Rx E/S G/T	(dB/K)	38.7
Downlink C/N ₀	(dB)	67.5
Modulation Loss	(dB)	9.6
C/N ₀ Required	(dB)	50.0
Margin	(dB)	7.9