

## Telemetry Link Budget (Transfer & Emergency)

Link Parameters		
Frequency	(MHz)	11,448.0
Transmit Power	(dBW)	18.0
Line Losses	(dB)	4.0
Antenna Gain (EOC)	(dBi)	-8.0
Downlink EIRP	(dBW)	6.0
Free Space Path Loss	(dB)	205.9
Rx E/S G/T	(dB/K)	37.8
Downlink C/N <sub>0</sub>	(dB)	66.5
Modulation Loss	(dB)	9.6
C/N <sub>0</sub> Required	(dB)	50.0
Margin	(dB)	6.9