

## Telemetry Link Budget (Transfer and Emergency)

### Link Parameters

Frequency	(MHz)	11,698
Transmit Power	(dBW)	16.0
Line Losses	(dB)	3.0
Antenna Gain (EOC)	(dBi)	-0.5
EIRP	(dBW)	12.5
Free Space Path Loss	(dB)	206.1
Rx E/S G/T	(dB/K)	38.0
Downlink C/N	(dB)	13.0
C/N Required	(dB)	9.0
Margin	(dB)	4.0