

**Table 3-2: Telemetry Link Budget (Transfer Orbit and Emergency Operations)**

<b>Telemetry Link Budget (Transfer and Emergency)</b>		
<b>Link Parameters</b>		
Frequency	(MHz)	12,198
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)	206.5
Rx E/S G/T	(dB/K)	38.0
Downlink C/N	(dB)	12.6
C/N Required	(dB)	9.0
Margin	(dB)	3.6