

**Ext. C-Band Telemetry Link  
Budget**

<b>Link Parameters</b>		<b>Omni</b>
Frequency	(MHz)	3,699
EIRP (minimum)	(dBW)	3.9
Free Space Path Loss	(dB)	196.1
Rx E/S G/T	(dB/K)	27.2
Downlink C/N <sub>0</sub>	(dB)	63.7
C/N <sub>0</sub> Required	(dB)	46.0
Margin	(dB)	17.7