

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

Link Parameters		Horn
Frequency	(MHz)	3,699
EIRP (minimum)	(dBW)	5.0
Free Space Path Loss	(dB)	196.1
Rx E/S G/T	(dB/K)	29.5
Downlink C/N ₀	(dB)	67.0
C/N ₀ Required	(dB)	46.0
Margin	(dB)	21.0