

C-Band Telemetry Link Budget

Link Parameters	Omni
Frequency (MHz)	4,200
EIRP (minimum) (dBW)	2.9
Free Space Path Loss (dB)	197.2
Rx E/S G/T (dB/K)	27.2
Downlink C/N ₀ (dB)	61.5
C/N ₀ Required (dB)	46.0
Margin (dB)	15.5