

## C-Band Telemetry Link Budget

Link Parameters	Horn
Frequency (MHz)	4,200
EIRP (minimum) (dBW)	4.7
Free Space Path Loss (dB)	197.2
Rx E/S G/T (dB/K)	27.2
Downlink C/N <sub>0</sub> (dB)	63.3
C/N <sub>0</sub> Required (dB)	46.0
Margin (dB)	17.3