

## Telemetry Link Budget (On Station)

### Link Parameters

Frequency	(MHz)	4,199.0
Transmit Power	(dBW)	-10.7
Line Losses	(dB)	3.0
Antenna Gain (-3 dB contour)	(dBi)	27.7
EIRP	(dBW)	14.0
Free Space Path Loss	(dB)	196.7
Atmospheric and Polarization Losses	(dB)	0.2
RX E/S Pointing Loss	(dB)	0.1
Rx E/S G/T	(dB/K)	26.2
Downlink C/N	(dB)	17.0
C/N Required	(dB)	9.0
Margin	(dB)	8.0