

Table A.13-14: Telemetry Link Budget (On-Station Operations)

Telemetry Link Budget (On Station)		
Link Parameters		
Frequency	(MHz)	20,199
Transmit Power	(dBW)	-4.0
Line Losses	(dB)	8.0
Antenna Gain (EOC)	(dBi)	25.0
EIRP	(dBW)	13.0
Free Space Path Loss	(dB)	210.4
Rx E/S G/T	(dB/K)	37.0
Downlink C/N	(dB)	19.5
C/N Required	(dB)	10.4
Margin	(dB)	8.7