

Table 3-4: Telemetry Link Budget (On-Station Operations)

Telemetry Link Budget (On Station)		
Link Parameters		
Frequency	(MHz)	20,199
Transmit Power	(dBW)	6.0
Line Losses	(dB)	3.0
Antenna Gain (EOC)	(dBi)	16.3
EIRP	(dBW)	19.3
Free Space Path Loss	(dB)	210.4
Rx E/S G/T	(dB/K)	37.0
Downlink C/N	(dB)	14.5
C/N Required	(dB)	9.0
Margin	(dB)	5.5