

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

<b>Telemetry Link Budget (On Station)</b>		
<b>Link Parameters</b>		
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