

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 |