

Telemetry Link Budget (Transfer and Emergency)

Link Parameters

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|----------------------|--------|----------|
| Frequency | (MHz) | 19,700.5 |
| Transmit Power | (dBW) | 19.0 |
| Line Losses | (dB) | 3.0 |
| Antenna Gain (EOC) | (dBi) | 0.0 |
| EIRP | (dBW) | 16.0 |
| Free Space Path Loss | (dB) | 210.6 |
| Rx E/S G/T | (dB/K) | 39.6 |
| Downlink C/N | (dB) | 14.6 |
| C/N Required | (dB) | 9.0 |
| Margin | (dB) | 5.6 |