

| Telemetry Link Budget (Transfer & Emergency) | | |
|---|--------|----------|
| Link Parameters | | |
| Frequency | (MHz) | 12,696.5 |
| Transmit Power | (dBW) | 15.4 |
| Line Losses | (dB) | 4.0 |
| Antenna Gain (EOC) | (dBi) | -4.0 |
| Downlink EIRP | (dBW) | 7.4 |
| Free Space Path Loss | (dB) | 206.8 |
| Rx E/S G/T | (dB/K) | 38.7 |
| Downlink C/N ₀ | (dB) | 67.9 |
| Modulation Loss | (dB) | 9.6 |
| C/N ₀ Required | (dB) | 50.0 |
| Margin | (dB) | 8.3 |