

Command Link Budget (Transfer Orbit and Emergency)

Link Parameters

| | | |
|--------------------------|-----------------------|--------|
| Frequency | (MHz) | 29,251 |
| Incident Flux Density | (dBW/m ²) | -70.0 |
| Aperture Factor | (dB-m ²) | -50.8 |
| Incident Isotropic Power | (dBW) | -120.8 |
| Antenna Gain (EOC) | (dBi) | 0.0 |
| Noise Temperature | (dB-K) | 32.0 |
| Total Receive Losses | (dB) | 8.0 |
| Satellite G/T | (dB/K) | -32.0 |
| Receiver Input Power | (dBW) | -128.8 |
| Receiver Threshold | (dBW) | -138.0 |
| Spacecraft Margin | (dB) | 9.2 |