

Command Link Budget (Transfer Orbit and Emergency)

| Link Parameters | High U/L | Low U/L |
|---|----------|---------|
| Incident Flux Density (dBW/m ²) | -60.0 | -80.0 |
| Aperture Factor (dB-m ²) | -46.5 | -46.5 |
| Incident Isotropic Power (dBW) | -106.5 | -126.5 |
| Antenna Gain (EOC) (dBi) | 0.0 | 0.0 |
| Noise Temperature (dB-K) | 35.0 | 35.0 |
| Total Receive Losses (dB) | 12.0 | 12.0 |
| Satellite G/T (dB/K) | -35.0 | -35.0 |
| Receiver Input Power (dBm) | -88.5 | -108.5 |
| Receiver Threshold (dBm) | -112.0 | -112.0 |
| Spacecraft Margin (dB) | 23.5 | 3.5 |