

| Command Link Budget (Transfer Orbit and Emergency) | | | |
|---|----------|-----------------|----------------|
| Link Parameters | | High U/L | Low U/L |
| Frequency | (MHz) | 17,793.5 | 17,793.5 |
| Uplink EIRP | (dBW) | 103.3 | 83.3 |
| Spreading Loss | (dB/m2) | 163.3 | 163.3 |
| Incident Flux Density | (dBW/m2) | -60.0 | -80.0 |
| Aperture Factor | (dB-m2) | -46.5 | -46.5 |
| Polarization Loss | (dB) | 3.0 | 3.0 |
| Incident Isotropic Power | (dBW) | -109.5 | -129.5 |
| Antenna Gain | (dBi) | -0.5 | -0.5 |
| Total Receive Losses | (dB) | 7.0 | 7.0 |
| Receiver Input Power | (dBW) | -117.0 | -137.0 |
| Receiver Threshold | (dBWm) | -138.0 | -138.0 |
| Spacecraft Margin | (dB) | 21.0 | 1.0 |