

Command Link Budget (On Station)

| Link Parameters | | High U/L | Low U/L |
|--------------------------|-----------------------|----------|---------|
| Frequency | (MHz) | 25,249 | 25,249 |
| Incident Flux Density | (dBW/m ²) | -80.0 | -95.0 |
| Aperture Factor | (dB-m ²) | -49.5 | -49.5 |
| Incident Isotropic Power | (dBW) | -129.5 | -144.5 |
| Antenna Gain (EOC) | (dBi) | 16.7 | 16.7 |
| Noise Temperature | (dB-K) | 33.8 | 33.8 |
| Total Receive Losses | (dB) | 7.0 | 7.0 |
| Satellite G/T | (dB/K) | -17.1 | -17.1 |
| Receiver Input Power | (dBm) | -89.8 | -104.8 |
| Receiver Threshold | (dBm) | -110.0 | -110.0 |
| Spacecraft Margin | (dB) | 20.2 | 5.2 |