

C-Band Telecommand Link Budget

| Link Parameters | | Horn |
|--------------------------|-----------------------|---------|
| Frequency | (MHz) | 5,926.5 |
| Tx E/S Antenna Gain | (dBi) | 53.1 |
| Power to Tx E/S Antenna | (dBW) | 13.7 |
| Tx E/S EIRP | (dBW) | 66.8 |
| Incident Flux Density | (dBW/m ²) | -96.0 |
| Aperture Factor | (dB-m ²) | -36.9 |
| Incident Isotropic Power | (dBW) | -132.9 |
| Antenna Gain | (dBi) | 16.4 |
| Total Receive Losses | (dB) | 4.0 |
| Receiver Input Power | (dBW) | -120.5 |
| Receiver Threshold | (dBW) | -133.0 |
| Spacecraft Margin | (dB) | 12.5 |