

| | U/L Antenna | | |
|------------------------------|-------------|---------|---------|
| | Units | Rain | Clear |
| Elevation Angle | deg. | 43.6 | 43.6 |
| Slant Range | km | 37511 | 37511 |
| Uplink Availability | % | 99.97 | |
| Required GS EIRP | dBW | 45.27 | 39.19 |
| Available GS EIRP | dBW | 92.70 | 92.70 |
| EIRP Margin | dB | 47.43 | 53.51 |
| Free Space loss | dB | -213.32 | -213.32 |
| Gaseous Att | dB | -0.44 | -0.37 |
| Cloud Att | dB | -0.79 | |
| Rain Fade | dB | -7.73 | |
| Total Atmospheric loss | dB | -8.95 | -0.37 |
| Rain Fade | | -8.58 | |
| Min Rx Isotropic Power (RIP) | dBW | -177.00 | -174.50 |
| Max Rx Isotropic Power (RIP) | dBW | -172.00 | |
| Polarization Loss | dB | -0.01 | -0.01 |
| Rec Ant Gain | dB | 47.63 | 47.63 |
| Pointing Loss | dB | 0.00 | 0.00 |
| Min Rec Signal Level | dBW | -129.38 | -128.88 |
| S/C NF including CR | dB | 11.01 | 11.01 |
| S/C Gain up to CR | dB | -4.56 | -4.56 |
| Antenna Temperature | K | 290.00 | 290.00 |
| System Noise Temp | dBK | 35.64 | 35.64 |
| Noise Power Density No | dBW/Hz | -192.96 | -192.96 |
| Io On-Station | dBW/Hz | -197.14 | -197.14 |
| Total No+Io | dBW/Hz | -191.56 | -191.56 |
| C/No | dB-Hz | 63.58 | 66.08 |
| C/(No+Io) | dB-Hz | 62.18 | 64.68 |
| Required C/(No+Io) | dB-Hz | 61.00 | 61.00 |
| Margin | dB | 1.18 | 3.68 |