

| General | Unit | |
|---------------------------------------|-------------|-----------------|
| Emission Designator Modulation | | 2M20G1D BPSK |
| Uplink | | |
| Frequency | GHz | 6.45 |
| LES elevation angle | (deg) | 5.0 |
| LES maximum EIRP towards satellite | (dBW) | 78.0 |
| Path Loss | (dB) | 200.9 |
| Mean atmospheric loss | (dB) | 0.4 |
| Satellite G/T | (dB/K) | -15.5 |
| Up-path C/No | (dBW/Hz) | 89.8 |
| Downlink | | |
| Frequency | GHz | 1.5 |
| User terminal elevation angle | (deg) | 5.0 |
| Satellite EIRP (EOC) | (dBW) | 29.5 |
| Path Loss | (dB) | 188.5 |
| Mean atmospheric loss | (dB) | 0.1 |
| User terminal G/T | (dB/K) | -26.0 |
| Down-path C/No | (dBW/Hz) | 43.5 |
| Total | | |
| Adjacent sat. interference allocation | (dB) | 1.0 |
| Mean overall C/No | (dB/Hz) | 42.5 |
| Mean overall C/N | (dB) | -20.6 |
| Margin | | |
| C/N objective | (dB) | -28.0 |
| C/N margin | (dB) | 7.4 |