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| General | Unit | |
| User terminal type | - | Nav (C5-L5) |
| Emission Designator | - | 20M0X2D |
| Modulation | - | BPSK |
| Carrier bandwidth | (kHz) | 20000 |
| Allocated bandwidth | (kHz) | 20000 |
| Uplink | | |
| Frequency | (GHz) | 6.5 |
| Earth Station EIRP | (dBW) | 78.0 |
| Antenna diameter | m | 19.0 |
| Antenna tx gain | dBi | 59.6 |
| Uplink power | (dBW) | 18.4 |
| Uplink p.s.d. avgd. in 4 kHz | (dBW/4kHz) | -18.6 |
| Path loss | (dB) | 200.9 |
| Mean Atmospheric loss | (dB) | 0.4 |
| Satellite G/T | (dB/K) | -10.4 |
| Up-path C/No | (dBHz) | 94.9 |
| Downlink | | |
| Frequency | (GHz) | 1.2 |
| Satellite EIRP | (dBW) | 25.1 |
| Path loss | (dB) | 186.1 |
| Mean Atmospheric loss | (dB) | 0.1 |
| User terminal G/T | (dB/K) | -26.0 |
| Down-path C/No | (dBHz) | 41.5 |
| Total | | |
| Co-Channel Interference | (dBHz) | 999.0 |
| Other system interference allocation | (dB) | 1.0 |
| Mean Overall C/No | (dBHz) | 40.5 |
| Mean Overall C/N | (dB) | -32.5 |
| Margin | | |
| C/N objective | (dB) | -35.0 |
| C/N margin | (dB) | 2.5 |