

| General | Unit | |
|---------------------------------------|-------------|-----------------|
| User terminal type | | RBGAN |
| Emission Designator Modulation | | 30K0G1X BPSK |
| Uplink | | |
| Frequency | GHz | 6.5 |
| SAS elevation angle | (deg) | 5.0 |
| SAS EIRP towards satellite | (dBW) | 54.8 |
| Path Loss | (dB) | 200.9 |
| Mean atmospheric loss | (dB) | 0.4 |
| Satellite G/T | (dB/K) | -10.4 |
| Up-path C/No | (dBW/Hz) | 71.7 |
| Downlink | | |
| Frequency | GHz | 1.5 |
| User terminal elevation angle | (deg) | 20.0 |
| Satellite EIRP | (dBW) | 19.4 |
| Path Loss | (dB) | 188.3 |
| Mean atmospheric loss | (dB) | 0.1 |
| User terminal G/T | (dB/K) | -16.7 |
| Down-path C/No | (dBW/Hz) | 42.9 |
| Total | | |
| Mean satellite C/IMo | (dB/Hz) | 68.7 |
| Co-channel interference | (dB/Hz) | 99.0 |
| Adjacent sat. interference allocation | (dB) | 1.0 |
| Mean overall C/No | (dB/Hz) | 41.9 |
| Mean overall C/N | (dB) | -2.8 |
| Margin | | |
| C/N objective | (dB) | -6.0 |
| C/N margin | (dB) | 3.2 |