

| Parameter | 512 kbps |
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| Data rate (kbit/s) | 512 |
| Uplink frequency (GHz) | 6.0 |
| Downlink frequency (GHz) | 4.0 |
| FEC rate | 0.50 |
| Occupied bandwidth per carrier (kHz) | 614.0 |
| Nominal E/S e.i.r.p. per carrier (dBW) | 54.0 |
| Earth station diameter (m) | 1.8 |
| Earth station gain (dBi) | 39.2 |
| Uplink input power per carrier (dBW) | 14.8 |
| E/S pointing loss (dB) | 0.3 |
| Atmospheric loss (dB) | 0.2 |
| Free space path loss (dB) | 199.7 |
| Noise Temperature (K) | 617 |
| G/T satellite (B.E.) (dB/K) | -4.8 |
| C/N thermal uplink (dB) | 19.7 |
| C/I out-of-band emissions (dB) | 30.0 |
| C/I frequency reuse (dB) | 30.0 |
| C/I uplink ASI (dB) | 19.4 |
| C/I intermodulation (dB) | 99.0 |
| C/(N+I) uplink (dB) | 16.2 |
| Satellite e.i.r.p. per carrier (dBW) | 17.0 |
| Satellite e.i.r.p. density (dBW/Hz) | -40.9 |
| Atmospheric loss (dB) | 0.1 |
| Free space path loss (dB) | 196.2 |
| Earth station pointing loss (dB) | 0.5 |
| Earth station diameter (m) | 4.5 |
| Earth station gain (dBi) | 43.7 |
| Noise temperature (K) | 90.0 |
| Earth station G/T (dB/K) | 24.1 |
| C/N thermal downlink (dB) | 15.0 |
| C/I out-of-band emissions (dB) | 30.0 |
| C/I downlink frequency reuse (dB) | 30.0 |
| C/I downlink ASI (dB) | 16.9 |
| C/I intermodulation (dB) | 16.0 |
| C/(N+I) downlink (dB) | 11.0 |
| C/(N+I) overall (dB) | 9.9 |
| C/(N+I) overall required (dB) | 5.7 |
| Excess Margin (dB) | 4.2 |