

Telemetry, orbit raising and telemetry

| Item   | Value  | Units |
|--|--------|-------|
| Satellite TM EIRP                                      | 11.0   | dBW   |
| Total Loss, Ls   | 212.3  | dB    |
| TC&R Ground Station G/T                                | 37.4   | dB/K  |
| k  | -228.6 | dBW/K |
| $4\pi/\lambda^2$                                       | 47.3   | dB    |
| C/No   | 64.7   | dB-Hz |
| Required Telemetry C/(I <sub>o</sub> +N <sub>o</sub> ) | 48.8   | dB-Hz |
| C/(No+I <sub>o</sub> ) Margin                          | 15.9   | dB    |