

Command, transfer orbit and emergency

TC&R Ground Station EIRP	88.0	dBW
Elevation Angle	20.0	°
Slant Range	39,554	km
Path Loss	213.8	dB
Pointing/Polarization Loss	0.0	dB
Misc Prop. Loss	1.5	dB
Total Loss, Ls	215.3	dB
Command Flux Density ( $\phi$ ) at satellite	-76.4	dBw/m <sup>2</sup>
Satellite Receiver G/T	-30.9	dB/K
k	-228.6	dBW/K
$4\pi/\lambda^2$	50.8	dB
C/No	70.4	dB-Hz
Required Command C/(I <sub>o</sub> +N <sub>o</sub> )	62.5	dB
C/(N+I) Margin	7.9	dB