

General	Unit	
User terminal type		INM-C
Emission Designator Modulation		5K00G1D BPSK
Uplink		
Frequency	GHz	6.4
LES elevation angle	(deg)	5.0
LES EIRP towards satellite	(dBW)	61.1
Path Loss	(dB)	200.9
Mean atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-13
Up-path C/No	(dBW/Hz)	75.4
Downlink		
Frequency	GHz	1.5
User terminal elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	21.8
Path Loss	(dB)	188.5
Mean atmospheric loss	(dB)	0.4
User terminal G/T	(dB/K)	-23.0
Down-path C/No	(dBW/Hz)	38.5
Total		
Mean satellite C/IMo	(dB/Hz)	66.6
Co-channel interference	(dB/Hz)	51.8
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	37.3
Mean overall C/N	(dB)	8.5
Margin		
C/N objective	(dB)	3.5
C/N margin	(dB)	5.0