

General	Unit	
User terminal type		INM-B
Emission Designator		100KG1X
Modulation		O-QPSK
Uplink		
Frequency	GHz	6.5
LES elevation angle	(deg)	5.0
LES maximum EIRP towards satellite	(dBW)	61.8
Path Loss	(dB)	200.9
Mean atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-13
Up-path C/No	(dBW/Hz)	76.1
Downlink		
Frequency	GHz	1.5
User terminal elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	27.5
Path Loss	(dB)	188.5
Mean atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-4.0
Down-path C/No	(dBW/Hz)	63.5
Total		
Mean satellite C/IMo	(dB/Hz)	72.3
Co-channel interference	(dB/Hz)	75.1
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	61.5
Mean overall C/N	(dB)	12.5
Margin		
C/N objective	(dB)	5.0
C/N margin	(dB)	7.5