

General	Unit	
User terminal type		INM-B
Emission Designator Modulation		100KG1X O-QPSK
Uplink		
Frequency	GHz	1.6
User terminal elevation angle	(deg)	20.0
User terminal EIRP towards satellite	(dBW)	33.0
Path Loss	(dB)	188.8
Mean atmospheric loss	(dB)	0.1
Satellite G/T	(dB/K)	-10
Adjacent channel interference allocation	(dB)	0.2
Up-path C/No	(dBW/Hz)	62.5
Downlink		
Frequency	GHz	3.6
LES elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	-1.4
Path Loss	(dB)	195.7
Mean atmospheric loss	(dB)	0.1
LES G/T	(dB/K)	30.7
Random loss	(dB)	1.0
Down-path C/No	(dBW/Hz)	61.1
Total		
Mean satellite C/IMo	(dB/Hz)	57.9
Co-channel interference	(dB/Hz)	75.1
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	54.2
Mean overall C/N	(dB)	5.2
Margin		
C/N objective	(dB)	5.0
C/N margin	(dB)	0.2