

General	Unit	
User terminal type		INM-M (Low Gain)
Emission Designator		10K0G1W
Modulation		O-QPSK
Uplink		
Frequency	GHz	1.6
User terminal elevation angle	(deg)	20.0
User terminal EIRP towards satellite	(dBW)	12.8
Path Loss	(dB)	188.8
Mean atmospheric loss	(dB)	0.1
Satellite G/T	(dB/K)	2.2
Adjacent channel interference allocation	(dB)	0.2
Up-path C/No	(dBW/Hz)	54.5
Downlink		
Frequency	GHz	3.6
LES elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	-15.6
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)	46.9
Total		
Mean satellite C/IMo	(dB/Hz)	49.4
Co-channel interference	(dB/Hz)	53.5
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	43.0
Mean overall C/N	(dB)	6.0
Margin		
C/N objective	(dB)	5.0
C/N margin	(dB)	1.0