

General	Unit	
User terminal type		M4
Emission Designator		10K0G1X
Modulation		BPSK
Uplink		
Frequency	GHz	6.5
LES elevation angle	(deg)	5.0
LES EIRP towards satellite	(dBW)	57.0
Path Loss	(dB)	200.9
Mean atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-10.4
Up-path C/No	(dBW/Hz)	73.9
Downlink		
Frequency	GHz	1.5
User terminal elevation angle	(deg)	20.0
Satellite EIRP	(dBW)	21.7
Path Loss	(dB)	188.3
Mean atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-7.0
Down-path C/No	(dBW/Hz)	54.9
Total		
Mean satellite C/IMo	(dB/Hz)	71.0
Co-channel interference	(dB/Hz)	64.8
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	53.3
Mean overall C/N	(dB)	14.6
Margin		
C/N objective	(dB)	1.1
C/N margin	(dB)	13.4