

General	Unit	
Emission Designator		2M20G1D
Modulation		BPSK
Uplink		
Frequency	GHz	6.45
LES elevation angle	(deg)	5.0
LES maximum EIRP towards satellite	(dBW)	78.0
Path Loss	(dB)	200.9
Mean atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-15.5
Up-path C/No	(dBW/Hz)	89.8
Downlink		
Frequency	GHz	1.5
User terminal elevation angle	(deg)	5.0
Satellite EIRP (EOC)	(dBW)	29.5
Path Loss	(dB)	188.5
Mean atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-26.0
Down-path C/No	(dBW/Hz)	43.5
Total		
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	42.5
Mean overall C/N	(dB)	-20.6
Margin		
C/N objective	(dB)	-28.0
C/N margin	(dB)	7.4