

General	Unit	
User terminal type		RBGAN
Emission Designator Modulation		30K0G1X QPSK
Uplink		
Frequency	GHz	6.5
SAS elevation angle	(deg)	5.0
SAS EIRP towards satellite	(dBW)	53.8
Path Loss	(dB)	200.9
Mean atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-10.4
Up-path C/No	(dBW/Hz)	70.7
Downlink		
Frequency	GHz	1.5
User terminal elevation angle	(deg)	20.0
Satellite EIRP	(dBW)	38.4
Path Loss	(dB)	188.3
Mean atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-16.7
Down-path C/No	(dBW/Hz)	61.9
Total		
Mean satellite C/IMo	(dB/Hz)	62.7
Co-channel interference	(dB/Hz)	62.1
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	56.2
Mean overall C/N	(dB)	11.6
Margin		
C/N objective	(dB)	6.8
C/N margin	(dB)	4.7