

General	Unit	
User terminal type		RBGAN
Emission Designator Modulation		160KG1E QPSK
Uplink		
Frequency	GHz	1.6
User terminal elevation angle	(deg)	20.0
User terminal EIRP towards satellite	(dBW)	13.3
Path Loss	(dB)	188.8
Mean atmospheric loss	(dB)	0.1
Satellite G/T	(dB/K)	12.7
Adjacent channel interference allocation	(dB)	0.2
Up-path C/No	(dBW/Hz)	65.5
Downlink		
Frequency	GHz	3.6
SAS elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	10.5
Path Loss	(dB)	195.7
Mean atmospheric loss	(dB)	0.1
SAS G/T	(dB/K)	32.3
Random loss	(dB)	1.0
Down-path C/No	(dBW/Hz)	74.6
Total		
Mean satellite C/IMo	(dB/Hz)	82.5
Co-channel interference	(dB/Hz)	69.0
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	62.5
Mean overall C/N	(dB)	10.6
Margin		
C/N objective	(dB)	7.9
C/N margin	(dB)	2.7