

<b>General</b>	<b>Unit</b>	
User terminal type		RBGAN
Emission Designator Modulation		30K0G1X QPSK
<b>Uplink</b>		
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
<b>Downlink</b>		
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
<b>Total</b>		
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
<b>Margin</b>		
C/N objective	(dB)	6.8
C/N margin	(dB)	4.7