

<b>General</b>	<b>Unit</b>	
User terminal type		RBGAN
Emission Designator		30K0G1X
Modulation		QPSK
<b>Uplink</b>		
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)	-10
Adjacent channel interference allocation	(dB)	0.2
Up-path C/No	(dBW/Hz)	42.8
<b>Downlink</b>		
Frequency	GHz	3.6
SAS elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	-24.5
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)	39.6
<b>Total</b>		
Mean satellite C/IMo	(dB/Hz)	60.0
Co-channel interference	(dB/Hz)	99.0
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	36.9
Mean overall C/N	(dB)	-7.8
<b>Margin</b>		
C/N objective	(dB)	-10.0
C/N margin	(dB)	2.2