

<b>General</b>	<b>Unit</b>	
User terminal type		MINI-M (Low Gain)
Emission Designator Modulation		20K0G1X BPSK
<b>Uplink</b>		
Frequency	GHz	1.6
User terminal elevation angle	(deg)	20.0
User terminal EIRP towards satellite	(dBW)	17.0
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)	46.5
<b>Downlink</b>		
Frequency	GHz	3.6
LES elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	-21.4
Path Loss	(dB)	195.7
Mean atmospheric loss	(dB)	0.1
LES G/T	(dB/K)	30.7
Random loss	(dB)	1.0
Down-path C/No	(dBW/Hz)	41.1
<b>Total</b>		
Mean satellite C/IMo	(dB/Hz)	56.0
Co-channel interference	(dB/Hz)	61.8
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	38.9
Mean overall C/N	(dB)	3.1
<b>Margin</b>		
C/N objective	(dB)	1.2
C/N margin	(dB)	2.0