

<b>General</b>	<b>Unit</b>	
User terminal type		MINI-M (High Gain)
Emission Designator		5K00G1E
Modulation		O-QPSK
<b>Uplink</b>		
Frequency	GHz	1.6
User terminal elevation angle	(deg)	20.0
User terminal EIRP towards satellite	(dBW)	11.5
Path Loss	(dB)	188.8
Mean atmospheric loss	(dB)	0.1
Satellite G/T	(dB/K)	2.2
Adjacent channel interference allocation	(dB)	0.2
Up-path C/No	(dBW/Hz)	53.2
<b>Downlink</b>		
Frequency	GHz	3.6
LES elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	-16.9
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)	45.6
<b>Total</b>		
Mean satellite C/IMo	(dB/Hz)	48.1
Co-channel interference	(dB/Hz)	52.0
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	41.7
Mean overall C/N	(dB)	6.2
<b>Margin</b>		
C/N objective	(dB)	5.4
C/N margin	(dB)	0.9