

<b>General</b>	<b>Unit</b>	
User terminal type		M4
Emission Designator Modulation		5K00G1W O-QPSK
<b>Uplink</b>		
Frequency	GHz	6.5
LES elevation angle	(deg)	5.0
LES EIRP towards satellite	(dBW)	50.9
Path Loss	(dB)	200.9
Mean atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-10.4
Up-path C/No	(dBW/Hz)	67.8
<b>Downlink</b>		
Frequency	GHz	1.5
User terminal elevation angle	(deg)	20.0
Satellite EIRP	(dBW)	15.6
Path Loss	(dB)	188.3
Mean atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-7.0
Down-path C/No	(dBW/Hz)	48.8
<b>Total</b>		
Mean satellite C/IMo	(dB/Hz)	48.9
Co-channel interference	(dB/Hz)	52.0
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	43.9
Mean overall C/N	(dB)	8.4
<b>Margin</b>		
C/N objective	(dB)	5.4
C/N margin	(dB)	3.1