

<b>General</b>	<b>Unit</b>	
Emission Designator Modulation		2M20G1D BPSK
<b>Uplink</b>		
Frequency	GHz	6.45
LES elevation angle	(deg)	5.0
LES maximum EIRP towards satellite	(dBW)	78.0
Path Loss	(dB)	200.9
Mean atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-15.5
Up-path C/No	(dBW/Hz)	89.8
<b>Downlink</b>		
Frequency	GHz	1.5
User terminal elevation angle	(deg)	5.0
Satellite EIRP (EOC)	(dBW)	29.5
Path Loss	(dB)	188.5
Mean atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-26.0
Down-path C/No	(dBW/Hz)	43.5
<b>Total</b>		
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	42.5
Mean overall C/N	(dB)	-20.6
<b>Margin</b>		
C/N objective	(dB)	-28.0
C/N margin	(dB)	7.4