

<b>General</b>	Unit	
User terminal type	-	INM-M (Med. Gain)
Emission Designator	-	10K0G1X
Data rate (kbps)	(kbps)	3
Coding rate	-	0.5
Modulation	-	BPSK
Carrier bandwidth	(kHz)	7.5
Allocated bandwidth	(kHz)	10
<b>Uplink</b>		
Frequency	(GHz)	6.5
Earth Station EIRP	(dBW)	54.5
Antenna diameter	m	19.0
Antenna tx gain	dBi	59.6
Uplink power	(dBW)	-5.1
Uplink p.s.d. avgd. in 4 kHz	(dBW/4kHz)	-7.9
Path loss	(dB)	200.9
Mean Atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-10.4
Up-path C/No	(dBHz)	71.4
<b>Downlink</b>		
Frequency	(GHz)	1.5
Satellite EIRP	(dBW)	16.2
Path loss	(dB)	188.4
Mean Atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-10.0
Down-path C/No	(dBHz)	46.3
<b>Total</b>		
Mean satellite C/IMo	(dBHz)	48.7
Co-Channel Interference	(dBHz)	999.0
Other system interference allocation	(dB)	1.0
Mean Overall C/No	(dBHz)	43.3
Mean Overall C/N	(dB)	4.6
<b>Margin</b>		
C/N objective	(dB)	2.8
C/N margin	(dB)	1.8