

<b>General</b>	Unit	
User terminal type	-	INM-C
Emission Designator	-	5K00G1D
Data rate (kbps)	(kbps)	0.3
Coding rate	-	0.5
Modulation	-	BPSK
Carrier bandwidth	(kHz)	0.75
Allocated bandwidth	(kHz)	5
<b>Uplink</b>		
Frequency	(GHz)	6.5
Earth Station EIRP	(dBW)	58.1
Antenna diameter	m	19.0
Antenna tx gain	dBi	59.6
Uplink power	(dBW)	-1.5
Uplink p.s.d. avgd. in 4 kHz	(dBW/4kHz)	-1.5
Path loss	(dB)	200.9
Mean Atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-10.4
Up-path C/No	(dBHz)	75.0
<b>Downlink</b>		
Frequency	(GHz)	1.5
Satellite EIRP	(dBW)	19.8
Path loss	(dB)	188.4
Mean Atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-23.0
Down-path C/No	(dBHz)	36.9
<b>Total</b>		
Mean satellite C/IMo	(dBHz)	52.3
Co-Channel Interference	(dBHz)	999.0
Other system interference allocation	(dB)	1.0
Mean Overall C/No	(dBHz)	35.8
Mean Overall C/N	(dB)	7.0
<b>Margin</b>		
C/N objective	(dB)	3.5
C/N margin	(dB)	3.5