

General	Unit	
User terminal type	-	INM-D/D+
Emission Designator	-	2K50F1D
Data rate (kbps)	(kbps)	0.001
Coding rate	-	0.242
Modulation	-	32-FSK
Carrier bandwidth	(kHz)	0.63
Allocated bandwidth	(kHz)	2.5
Uplink		
Frequency	(GHz)	6.5
Earth Station EIRP	(dBW)	56.8
Antenna diameter	m	19.0
Antenna tx gain	dBi	59.6
Uplink power	(dBW)	-2.8
Uplink p.s.d. avgd. in 4 kHz	(dBW/4kHz)	-0.8
Path loss	(dB)	200.9
Mean Atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-10.4
Up-path C/No	(dBHz)	73.7
Downlink		
Frequency	(GHz)	1.5
Satellite EIRP	(dBW)	20.5
Path loss	(dB)	188.4
Mean Atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-23.0
Down-path C/No	(dBHz)	37.6
Total		
Mean satellite C/IMo	(dBHz)	53.0
Co-Channel Interference	(dBHz)	999.0
Other system interference allocation	(dB)	1.0
Mean Overall C/No	(dBHz)	36.5
Mean Overall C/N	(dB)	8.5
Margin		
C/N objective	(dB)	-10.9
C/N margin	(dB)	19.4