

General	Unit	
User terminal type	-	AFC
Emission Designator	-	100KN0N
Data rate (kbps)	(kbps)	n/a
Coding rate	-	n/a
Modulation	-	n/a
Carrier bandwidth	(kHz)	1
Allocated bandwidth	(kHz)	100
Uplink		
Frequency	(GHz)	6.5
Earth Station EIRP	(dBW)	63.0
Antenna diameter	m	16.0
Antenna tx gain	dBi	54.0
Uplink power	(dBW)	9.0
Uplink p.s.d. avgd. in 4 kHz	(dBW/4kHz)	9.0
Path loss	(dB)	200.9
Mean Atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-10.4
Up-path C/No	(dBHz)	79.9
Downlink		
Frequency	(GHz)	1.5
Satellite EIRP	(dBW)	14.0
Path loss	(dB)	188.4
Mean Atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	14.2
Down-path C/No	(dBHz)	68.3
Total		
Mean satellite C/IMo	(dBHz)	50.5
Co-Channel Interference	(dBHz)	999.0
Other system interference allocation	(dB)	1.0
Mean Overall C/No	(dBHz)	49.4
Mean Overall C/N	(dB)	19.4
Margin		
C/N objective	(dB)	15.0
C/N margin	(dB)	4.4