

General	Unit	
User terminal type Emission Designator Modulation		INM-D/D+ 2K50F1D 32-FSK
Uplink		
Frequency	GHz	6.5
LES elevation angle	(deg)	5.0
LES maximum EIRP towards satellite	(dBW)	54.3
Path Loss	(dB)	200.9
Mean atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-13
Up-path C/No	(dBW/Hz)	68.6
Downlink		
Frequency	GHz	1.5
User terminal elevation angle	(deg)	5.0
Satellite EIRP	(dBW)	20.0
Path Loss	(dB)	188.5
Mean atmospheric loss	(dB)	0.4
User terminal G/T	(dB/K)	-25.1
Down-path C/No	(dBW/Hz)	34.6
Total		
Mean satellite C/IMo	(dB/Hz)	64.8
Co-channel interference	(dB/Hz)	33.0
Adjacent sat. interference allocation	(dB)	1.0
Mean overall C/No	(dB/Hz)	29.7
Mean overall C/N	(dB)	1.7
Margin		
C/N objective	(dB)	-11.1
C/N margin	(dB)	12.7