

<b>General</b>	Unit	
User terminal type	-	Nav (C5-L5)
Emission Designator	-	20M0X2D
Modulation	-	BPSK
Carrier bandwidth	(kHz)	20000
Allocated bandwidth	(kHz)	20000
<b>Uplink</b>		
Frequency	(GHz)	6.5
Earth Station EIRP	(dBW)	78.0
Antenna diameter	m	19.0
Antenna tx gain	dBi	59.6
Uplink power	(dBW)	18.4
Uplink p.s.d. avgd. in 4 kHz	(dBW/4kHz)	-18.6
Path loss	(dB)	200.9
Mean Atmospheric loss	(dB)	0.4
Satellite G/T	(dB/K)	-10.4
Up-path C/No	(dBHz)	94.9
<b>Downlink</b>		
Frequency	(GHz)	1.2
Satellite EIRP	(dBW)	25.1
Path loss	(dB)	186.1
Mean Atmospheric loss	(dB)	0.1
User terminal G/T	(dB/K)	-26.0
Down-path C/No	(dBHz)	41.5
<b>Total</b>		
Co-Channel Interference	(dBHz)	999.0
Other system interference allocation	(dB)	1.0
Mean Overall C/No	(dBHz)	40.5
Mean Overall C/N	(dB)	-32.5
<b>Margin</b>		
C/N objective	(dB)	-35.0
C/N margin	(dB)	2.5