Link Parameters	36M0G7W
Uplink frequency	14.25
Downlink frequency	11.95
Carrier bandwidth	36000.0
Uplink:	
Nominal E/S e.i.r.p. per carrier	79.0
Earth station diameter	9.0
Earth station gain	60.7
Uplink input power per carrier	18.3
Atmospheric loss	0.3
Free space path loss	207.2
G/T satellite (-3dB contour)	1.0
C/N thermal uplink	25.5
C/I XPOL, ACI, IM, ASI	24.9
C/(N+I) uplink	22.2
Downlink:	
Satellite e.i.r.p. per carrier (-3dB contour)	48.0
Atmospheric loss	0.2
Free space path loss	205.7
Earth station diameter	2.4
Earth station gain	47.7
Noise temperature	110.0
Earth station G/T	27.3
C/N thermal downlink	22.4
C/I XPOL, ACI, IM, ASI	21.4
C/(N+I) downlink	16.9
Overall:	
C/(N+I) overall	15.8
C/(N+I) required	7.8
System Margin	8.0