Link Parameters	Units	36M0F9F
Signal Bandwidth	MHz	36.0
Uplink frequency	GHz	14.25
Downlink frequency	GHz	11.95
EDS	MHz	2.00
Uplink:		
Earth Station e.i.r.p.	dBW	73.0
Earth station diameter	m	4.5
Earth station gain	dBi	54.7
Uplink input power	dBW	18.3
Atmospheric loss	dB	0.2
G/T satellite (-3dB contour)	dB/K	3.0
C/N thermal uplink	dB	21.6
C/I XPOL, ACI, IM, ASI	dB	24.2
C/(N+I) uplink	dB	19.7
Downlink:		
Satellite e.i.r.p. per carrier (-3dB contour)	dBW	47.2
Atmospheric loss	dB	0.1
Free space path loss	dB	205.7
Earth station diameter	m	2.4
Earth station gain	dBi	47.7
Earth station G/T	dB/K	28.7
C/N thermal downlink	dB	23.1
C/I XPOL, ACI, IM, ASI	dB	22.7
C/(N+I) downlink	dB	19.9
Overall:		
C/(N+I) overall	dB	16.8
C/(N+I) overall required	dB	12.0
Excess Margin	dB	4.8