

GL_GL 36M0F3F

Link Parameters	Units	36M0F3F
Uplink Frequency	GHz	6.24
Downlink Frequency	GHz	4.01
Carrier Bandwidth	kHz	36000.0
Energy Dispersal	MHz	2.0
Uplink:		
Nominal E/S e.i.r.p. per carrier	dBW	76.4
Earth Station Diameter	m	13.0
Earth Station Gain	dBi	56.7
Uplink Input Power per Carrier	dBW	19.7
Free Space Loss	dB	200.5
G/T Satellite	dB/K	-8.0
C/N Thermal Uplink	dB	20.9
C/I XPOL, ACI, IM, ASI	dB	24.5
C/(N+I) uplink	dB	19.4
Downlink:		
Satellite e.i.r.p. per carrier (-3dB contour)	dBW	32.5
Free Space Loss	dB	196.7
Earth Station Diameter	m	6.3
Earth Station Gain	dBi	46.9
Noise Temperature	kHz	95.0
Earth Station G/T	dB/K	27.1
C/N Thermal Downlink	dB	16.0
C/I XPOL, ACI, IM, ASI	dB	19.9
C/(N+I) downlink	dB	14.5
Overall:		
C/(N+I) overall	dB	13.3
C/(N+I) required	dB	10.0
System Margin	dB	3.3