

GL_GL 346KG7W

Link Parameters	Units	346KG7W
Uplink Frequency	GHz	6.24
Downlink Frequency	GHz	4.01
Carrier Bandwidth	kHz	364.0
Uplink:		
Nominal E/S e.i.r.p. per carrier	dBW	48.4
Earth Station Diameter	m	7.2
Earth Station Gain	dB _i	51.5
Uplink Input Power per Carrier	dBW	-3.1
Free Space Loss	dB	200.3
G/T Satellite	dB/K	-8.0
C/N Thermal Uplink	dB	13.1
C/I XPOL, ACI, IM, ASI	dB	16.4
C/(N+I) uplink	dB	11.4
Downlink:		
Satellite e.i.r.p. per carrier (-3dB contour)	dBW	10.4
Free Space Loss	dB	196.7
Earth Station Diameter	m	4.5
Earth Station Gain	dB _i	43.8
Noise Temperature	kHz	95.0
Earth Station G/T	dB/K	24.0
C/N Thermal Downlink	dB	10.7
C/I XPOL, ACI, IM, ASI	dB	14.6
C/(N+I) downlink	dB	9.2
Overall:		
C/(N+I) overall	dB	7.2
C/(N+I) required	dB	6.0
System Margin	dB	1.2