

EH_EH 36M0F3F

Link Parameters	Units	36M0F3F
Uplink Frequency	GHz	5.97
Downlink Frequency	GHz	3.75
Carrier Bandwidth	kHz	36000.0
Energy Dispersal	MHz	2.0
Uplink:		
Nominal E/S e.i.r.p. per carrier	dBW	72.9
Earth Station Diameter	m	13.0
Earth Station Gain	dBi	56.3
Uplink Input Power per Carrier	dBW	16.6
Free Space Loss	dB	199.9
G/T Satellite	dB/K	-2.0
C/N Thermal Uplink	dB	24.0
C/I XPOL, ACI, IM, ASI	dB	21.0
C/(N+I) uplink	dB	19.2
Downlink:		
Satellite e.i.r.p. per carrier (-3dB contour)	dBW	34.5
Free Space Loss	dB	195.9
Earth Station Diameter	m	4.5
Earth Station Gain	dBi	43.8
Noise Temperature	kHz	95.0
Earth Station G/T	dB/K	24.0
C/N Thermal Downlink	dB	15.7
C/I XPOL, ACI, IM, ASI	dB	18.8
C/(N+I) downlink	dB	13.9
Overall:		
C/(N+I) overall	dB	12.8
C/(N+I) required	dB	10.0
System Margin	dB	2.8