

WH\_WH 72M0G7W

<b>Link Parameters</b>	<b>Units</b>	<b>72M0G7W</b>
Uplink Frequency	GHz	5.97
Downlink Frequency	GHz	3.75
Carrier Bandwidth	kHz	72000.0
<b>Uplink:</b>		
Nominal E/S e.i.r.p. per carrier	dBW	78.8
Earth Station Diameter	m	13.0
Earth Station Gain	dBi	56.3
Uplink Input Power per Carrier	dBW	22.5
Free Space Loss	dB	199.9
G/T Satellite	dB/K	-3.0
C/N Thermal Uplink	dB	25.9
C/I XPOL, ACI, IM, ASI	dB	23.9
C/(N+I) uplink	dB	21.8
<b>Downlink:</b>		
Satellite e.i.r.p. per carrier (-1dB contour)	dBW	38.8
Free Space Loss	dB	195.9
Earth Station Diameter	m	5.6
Earth Station Gain	dBi	45.9
Noise Temperature	kHz	95.0
Earth Station G/T	dB/K	26.1
C/N Thermal Downlink	dB	19.0
C/I XPOL, ACI, IM, ASI	dB	22.2
C/(N+I) downlink	dB	17.3
<b>Overall:</b>		
C/(N+I) overall	dB	16.0
C/(N+I) required	dB	12.7
System Margin	dB	3.3