

## EH\_EH 346KG7W

Link Parameters	Units	346KG7W
Uplink Frequency	GHz	5.97
Downlink Frequency	GHz	3.75
Carrier Bandwidth	kHz	364.0
<b>Uplink:</b>		
Nominal E/S e.i.r.p. per carrier	dBW	44.3
Earth Station Diameter	m	4.5
Earth Station Gain	dB <sub>i</sub>	47.1
Uplink Input Power per Carrier	dBW	-2.8
Free Space Loss	dB	199.9
G/T Satellite	dB/K	-2.0
C/N Thermal Uplink	dB	15.4
C/I XPOL, ACI, IM, ASI	dB	12.3
C/(N+I) uplink	dB	10.6
<b>Downlink:</b>		
Satellite e.i.r.p. per carrier (-3dB contour)	dBW	11.3
Free Space Loss	dB	195.9
Earth Station Diameter	m	3.8
Earth Station Gain	dB <sub>i</sub>	42.3
Noise Temperature	kHz	95.0
Earth Station G/T	dB/K	22.5
C/N Thermal Downlink	dB	10.9
C/I XPOL, ACI, IM, ASI	dB	14.0
C/(N+I) downlink	dB	9.2
<b>Overall:</b>		
C/(N+I) overall	dB	6.8
C/(N+I) required	dB	6.0
System Margin	dB	0.8