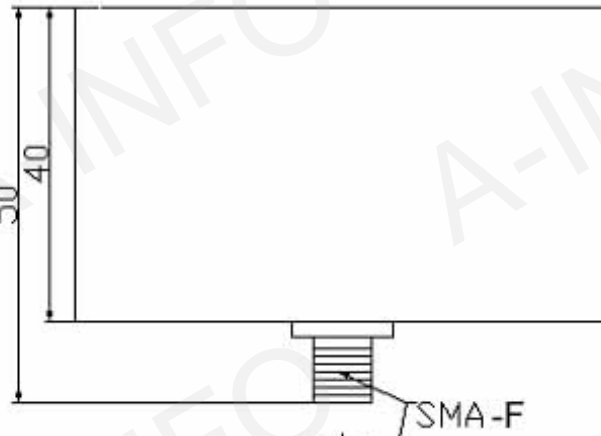


Technical Specification

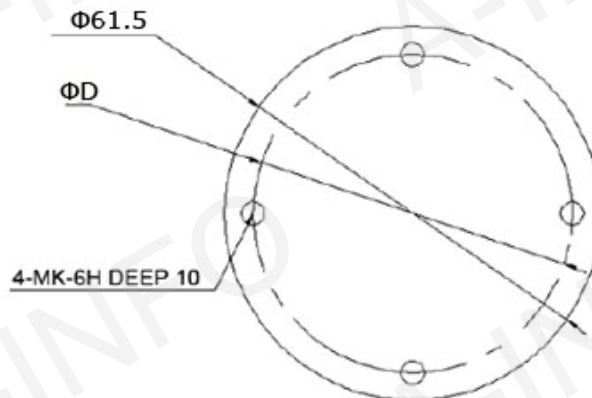


Polarization	RCHP or LHCP
Frequency Range(GHz)	2 - 18
Gain(dBic)	-7.47@2GHz
	3.24@8GHz
	-0.65@18GHz
Axial Ratio(dB)	3 Max
3dB Beamwidth(deg)	E: 100 - 55
	H: 105 - 55
VSWR	2.0 : 1 Typ.
	3.0 : 1 Max
Connector	SMA- Female
Size(mm)	Φ61.5x50
Net Weight(Kg)	0.16 Around

Outline Drawing(Size: mm)



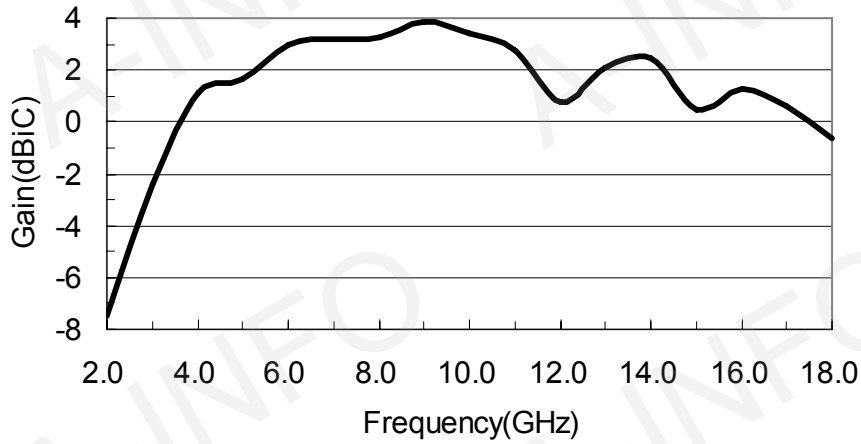
Mounting



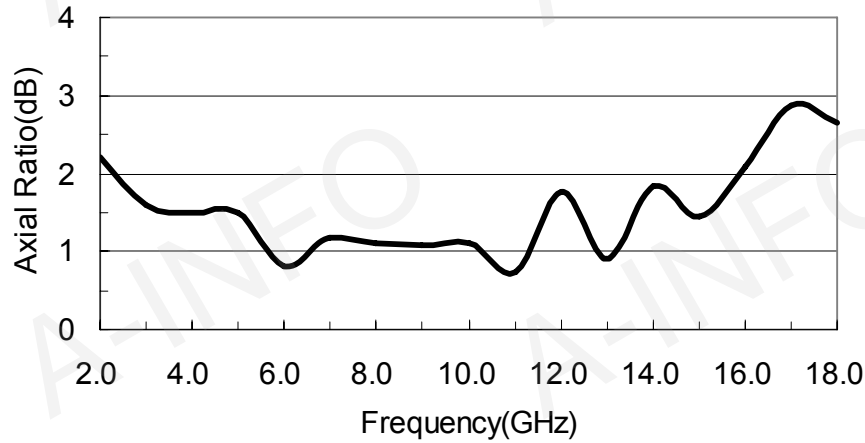
Model	D	K
JXTXLX-20180	40	4
JXTXLX-20180SA	40	4
JXTXLX-20180SB	34	3

Test Results

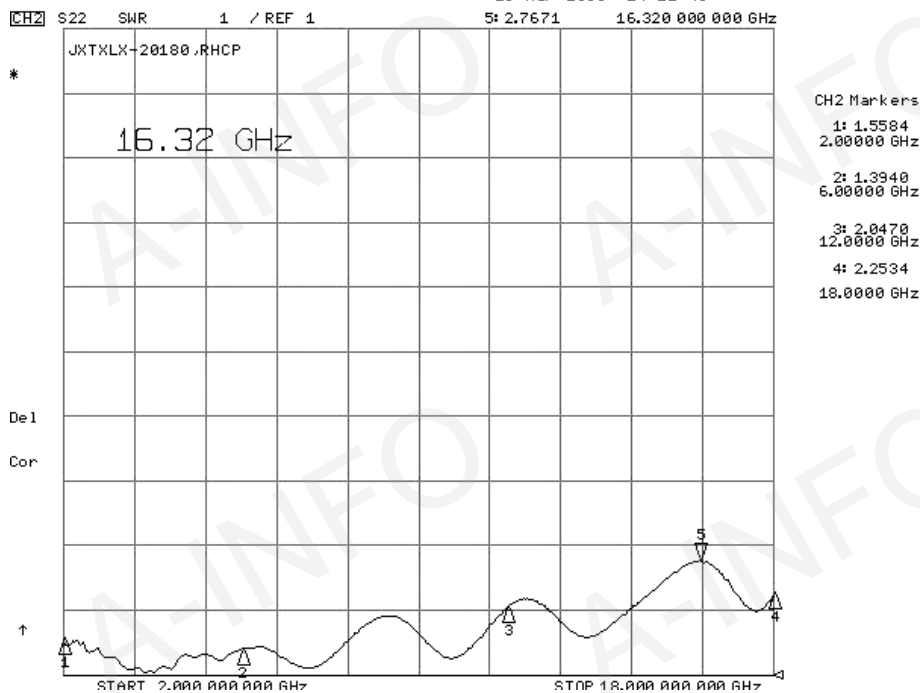
1. Gain



2. Axial Ratio

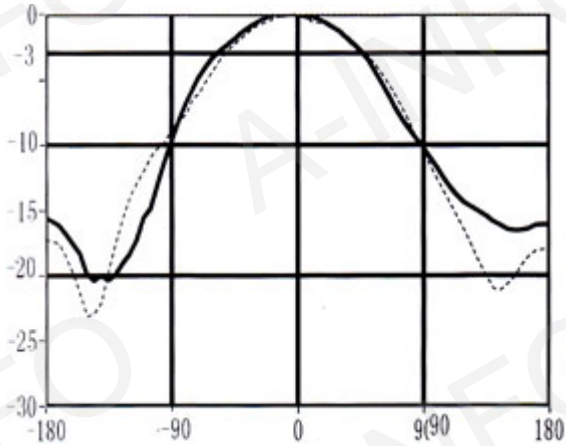


3. VSWR



4. Pattern

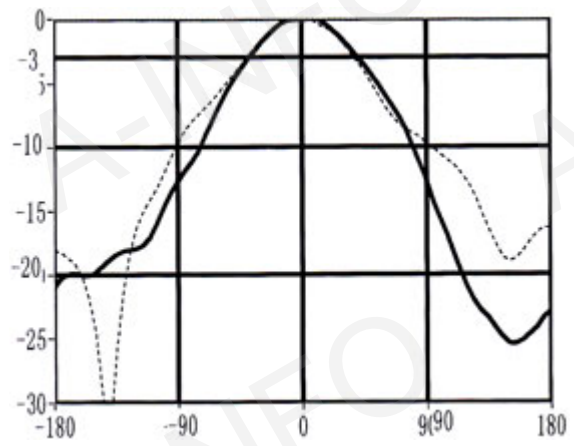
Frequency: 2GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 102.94 3dB Beamwidth(deg): 99.71

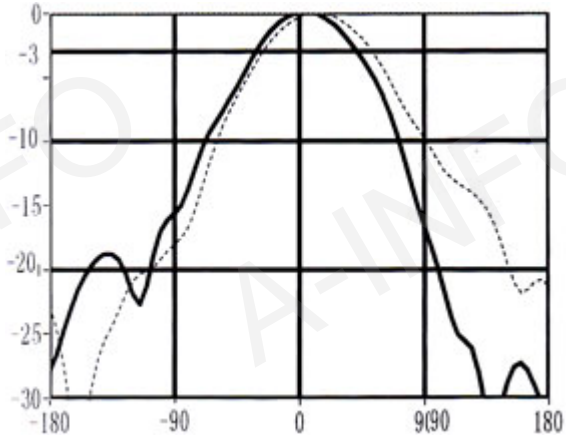
Frequency: 3GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 77.76 3dB Beamwidth(deg): 77.74

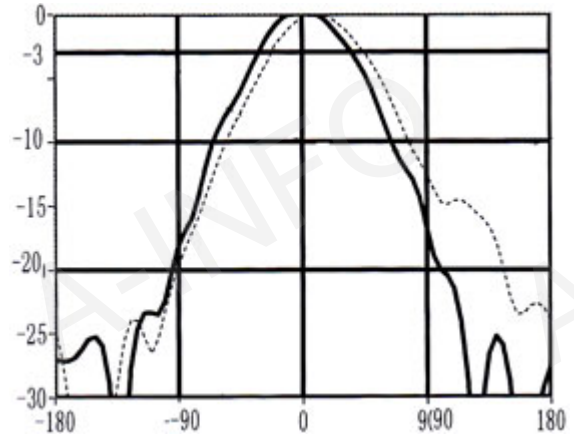
Frequency: 4GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 72.26 3dB Beamwidth(deg): 78.70

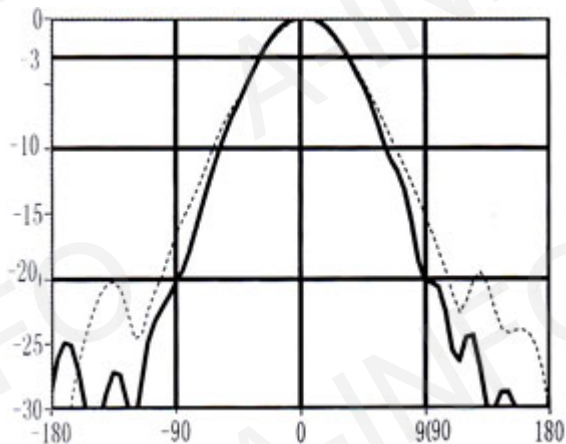
Frequency: 5GHz



H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 66.97 3dB Beamwidth(deg): 66.73

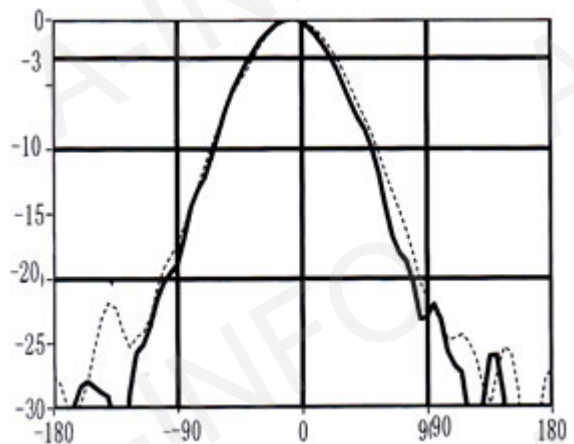
Frequency: 6GHz



H-Plane ——— E-Plane - - - - -

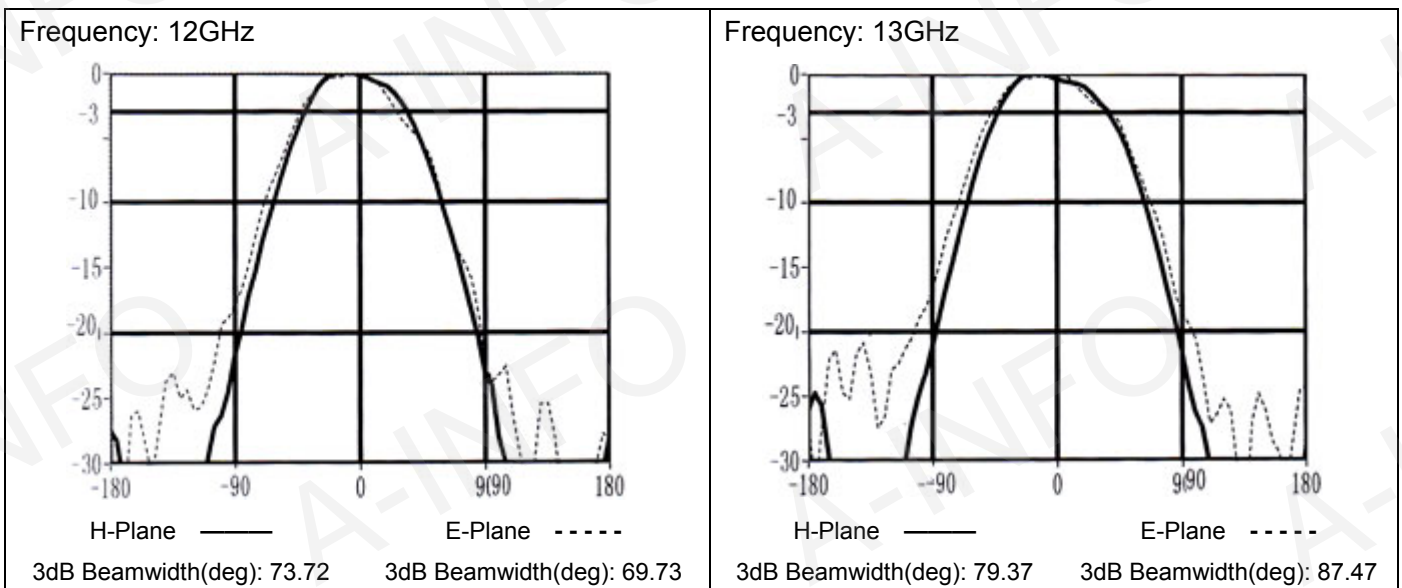
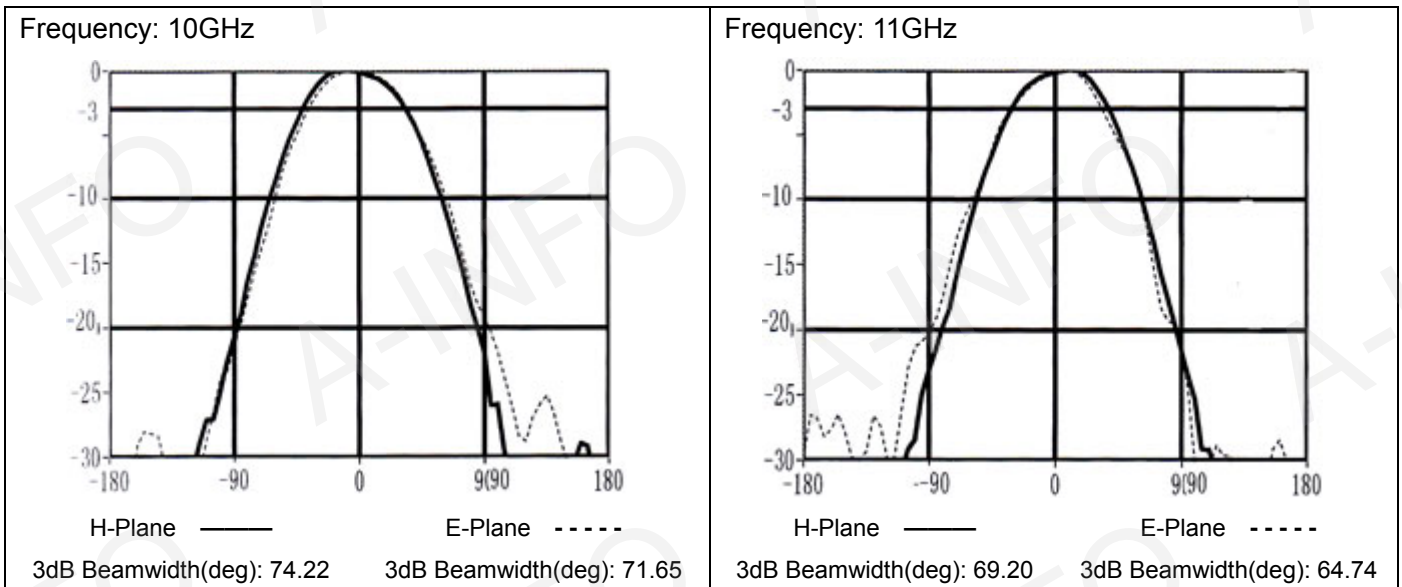
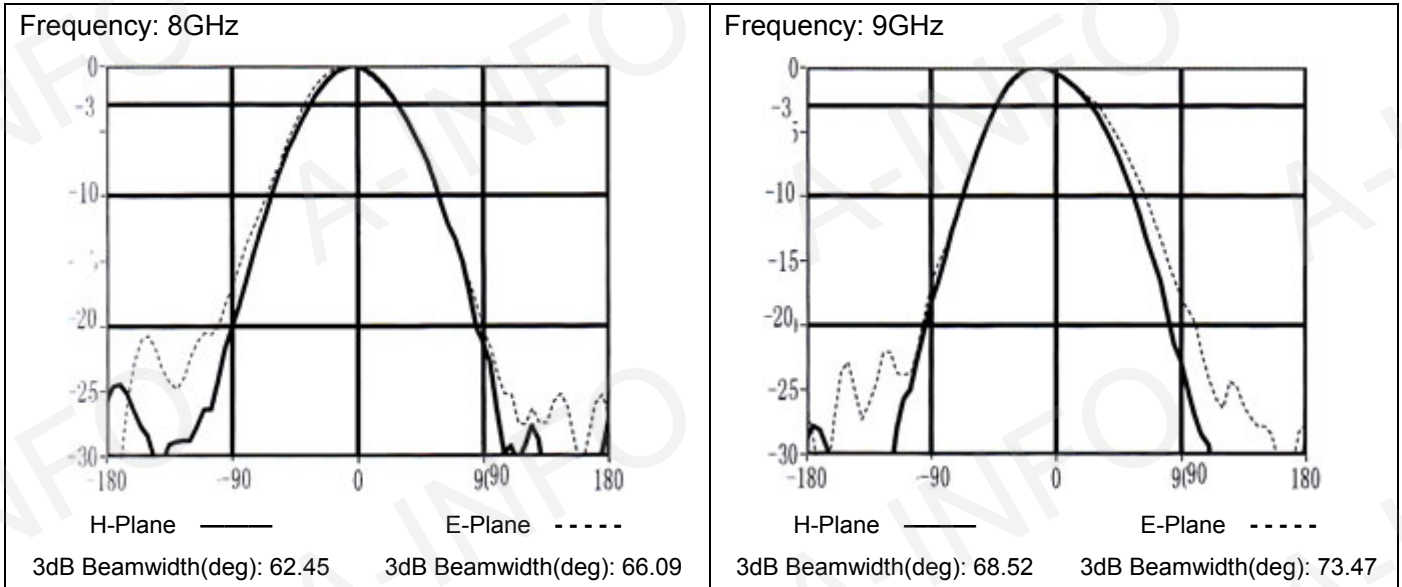
3dB Beamwidth(deg): 63.89 3dB Beamwidth(deg): 67.30

Frequency: 7GHz

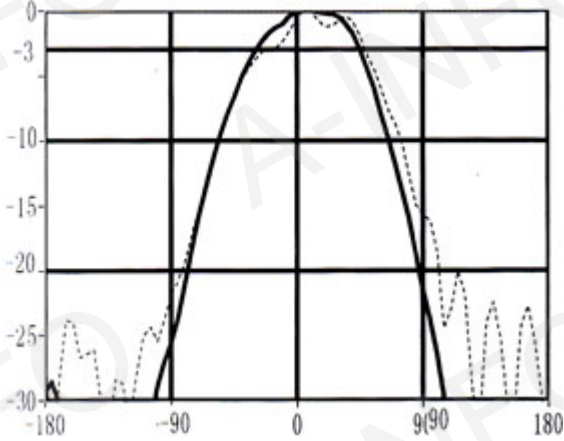


H-Plane ——— E-Plane - - - - -

3dB Beamwidth(deg): 58.65 3dB Beamwidth(deg): 60.49



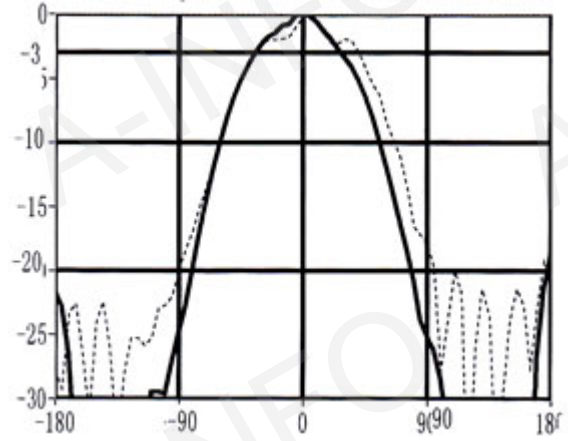
Frequency: 14GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg): 73.62 3dB Beamwidth(deg): 69.66

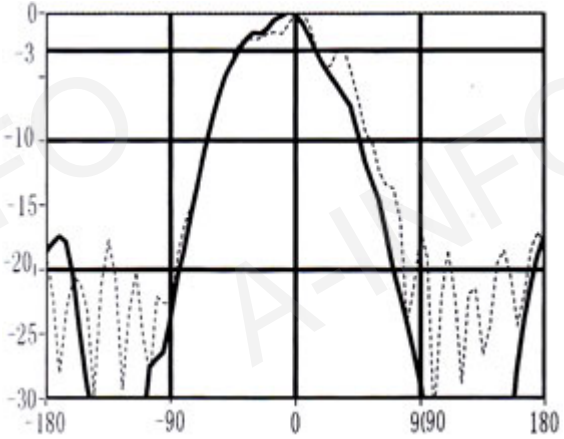
Frequency: 15GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg): 61.60 3dB Beamwidth(deg): 76.36

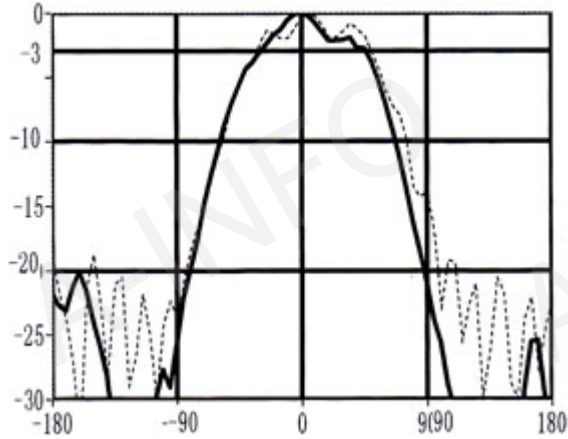
Frequency: 16GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg): 55.36 3dB Beamwidth(deg): 58.86

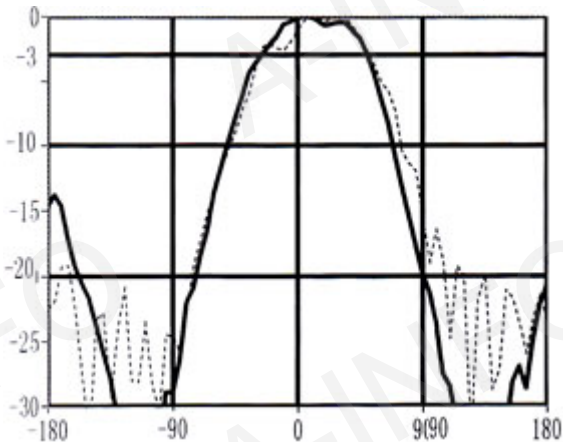
Frequency: 17GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg): 74.87 3dB Beamwidth(deg): 81.88

Frequency: 18GHz



H-Plane — E-Plane - - - -

3dB Beamwidth(deg): 75.81 3dB Beamwidth(deg): 78.56