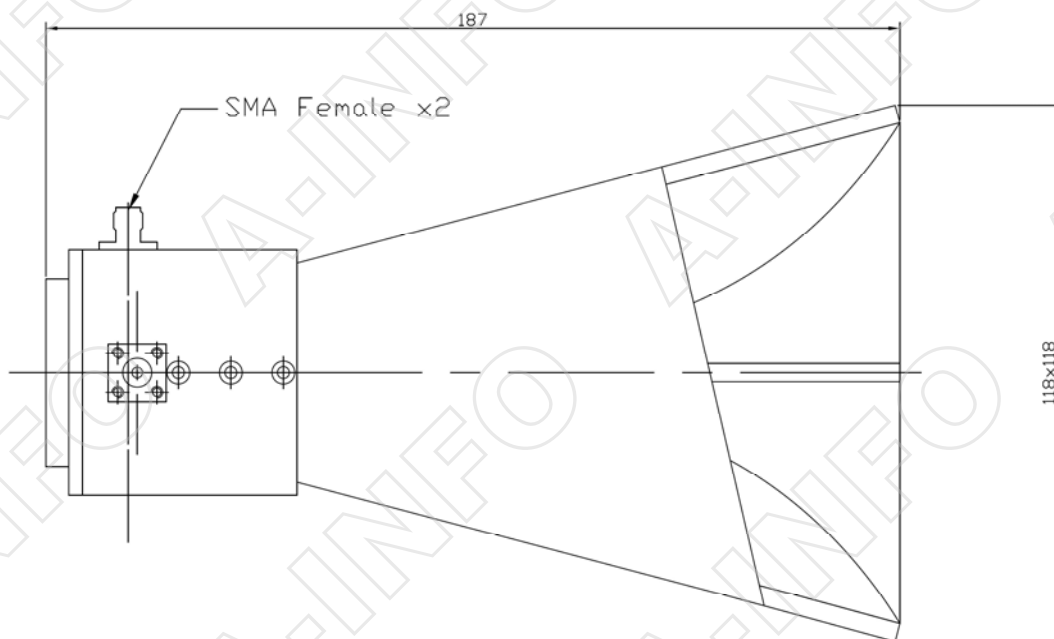


Technical Specification (Pattern tested by NSI - www.nearfield.com)



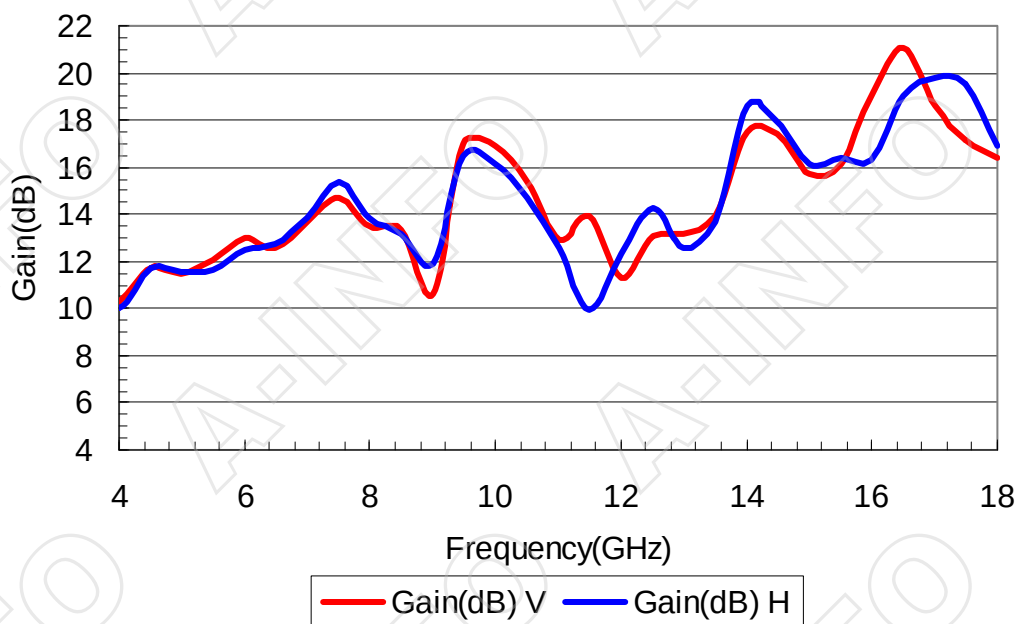
Frequency Range(GHz)	4 - 18
Gain(dB)	15 Typ.
Polarization	Dual Pol.
VSWR	2.0 :1 Typ.
	3.0:1 Max.
3dB Beamwidth(deg)	80-10
Port to Port Isolation(dB)	20 Min.
Connector	SMA -Female
Power Handling(W)	25 Max. CW
Size(mm)	118 x 118 x 187
Net Weight(Kg)	0.9 Around

Outline Drawing (Size: mm)

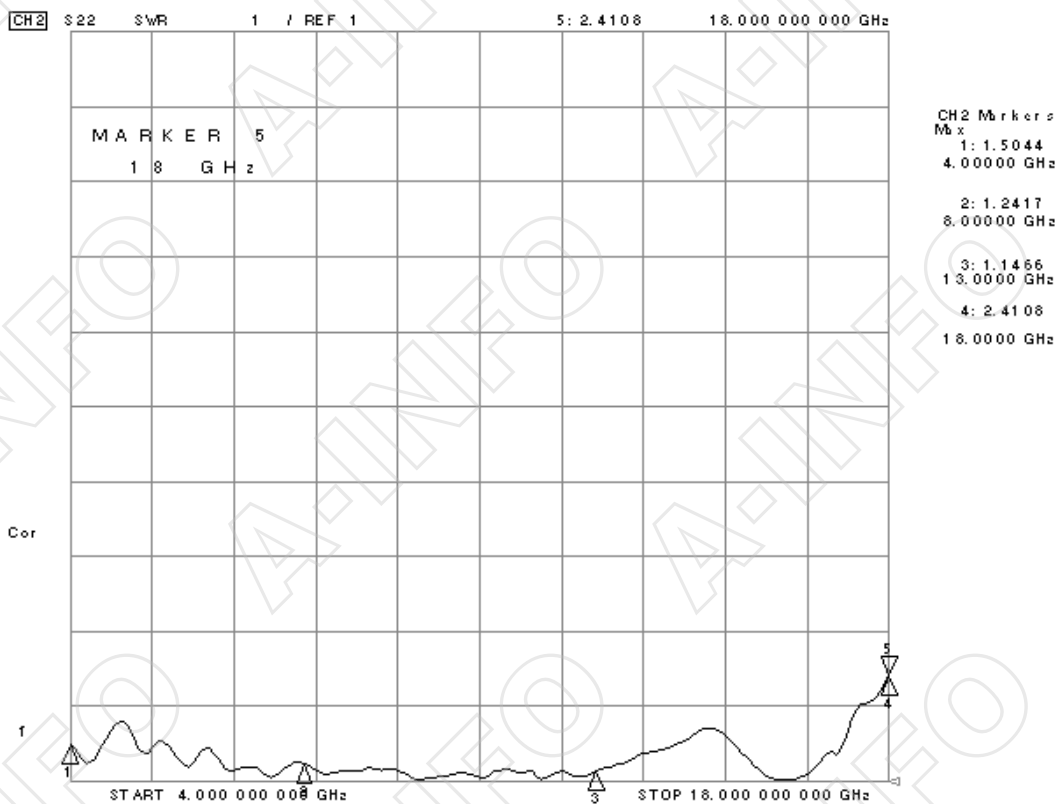


Test Results

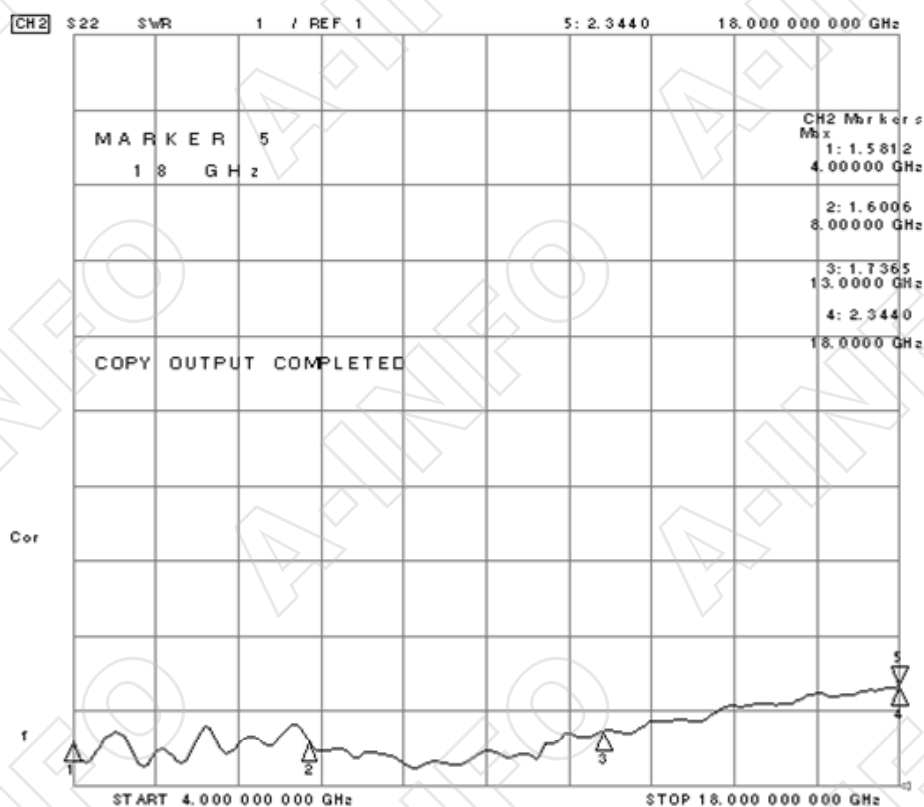
1. Gain



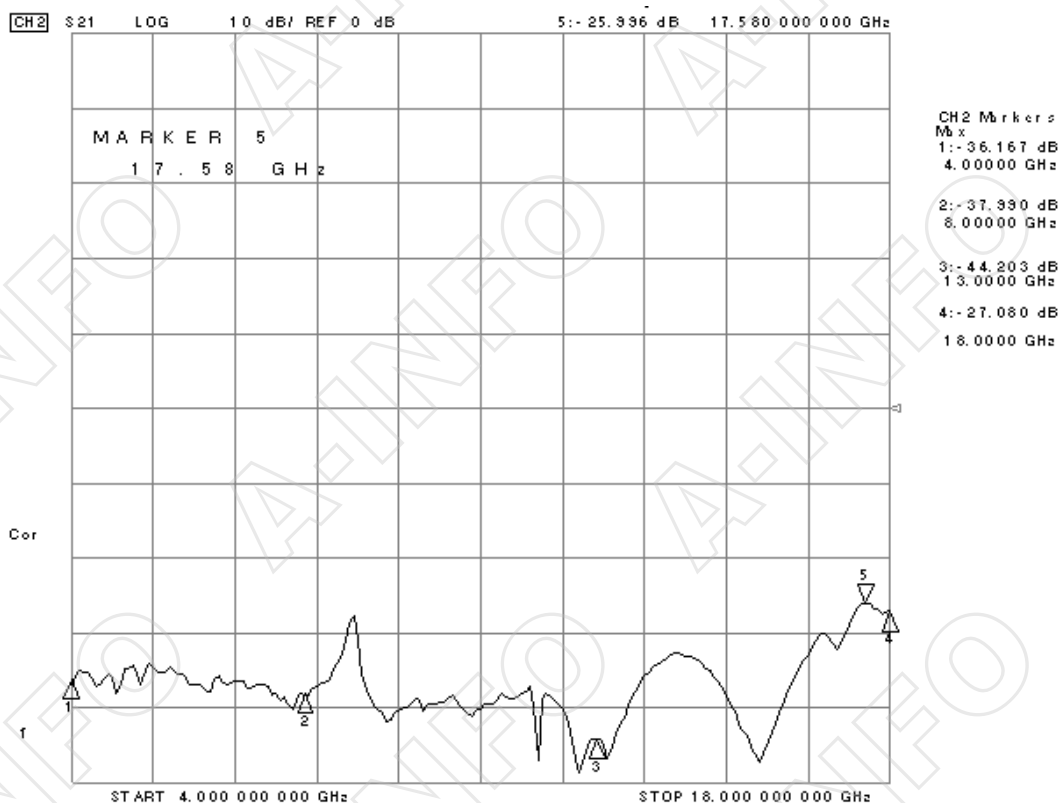
2. VSWR Port-V



Port-H

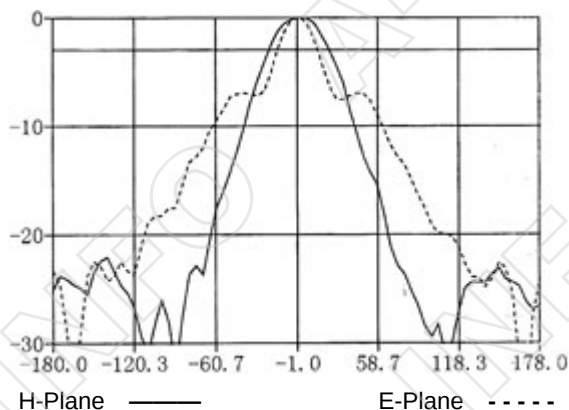


3. Port to Port Isolation

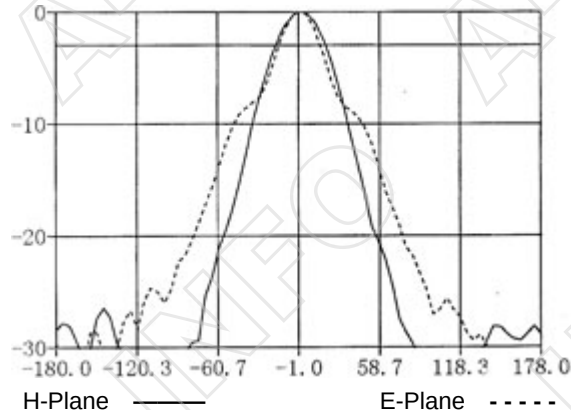


4. Pattern

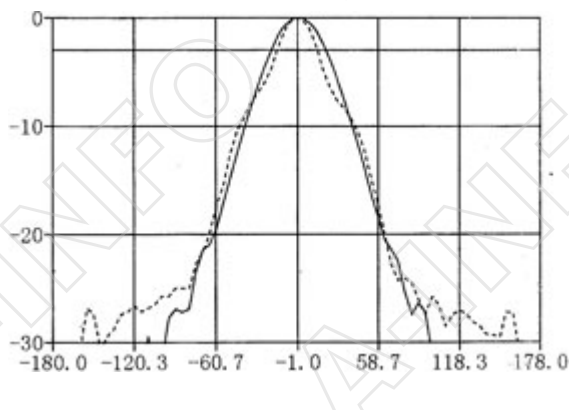
Frequency: 4GHz



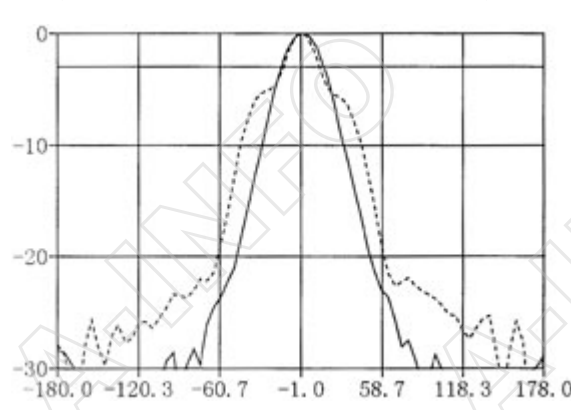
Frequency: 4.5GHz



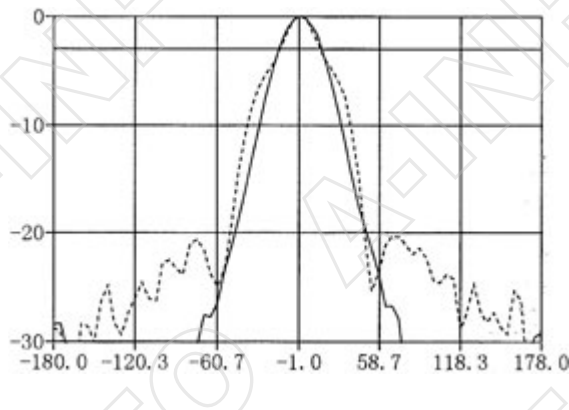
Frequency: 5GHz



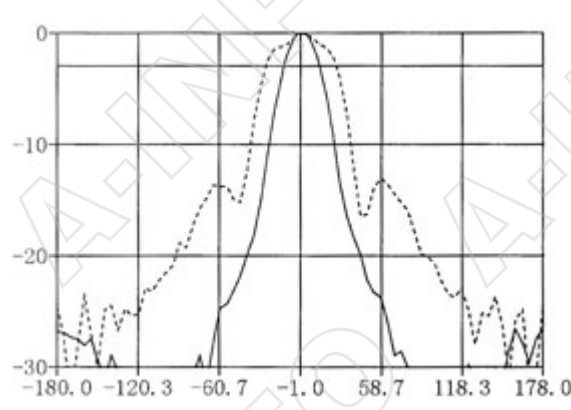
Frequency: 5.5GHz

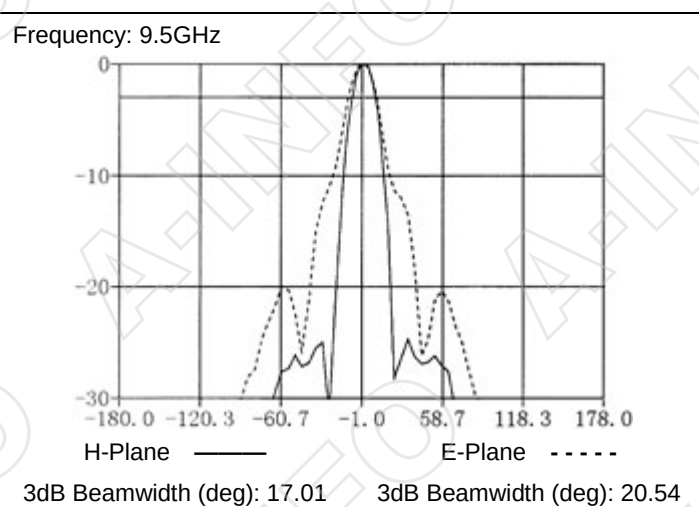
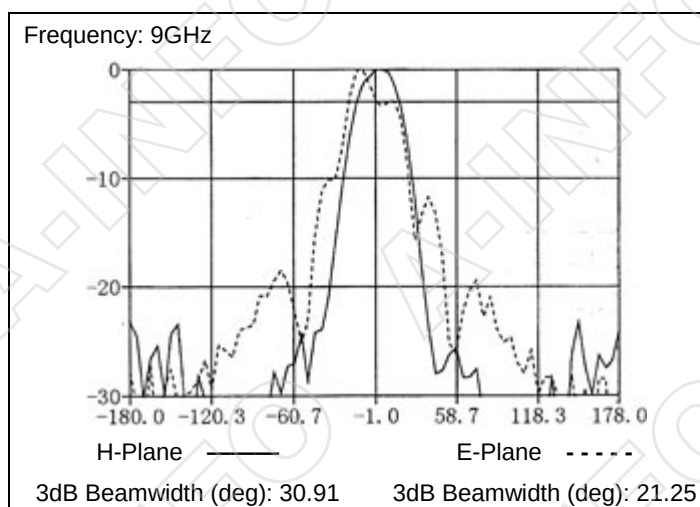
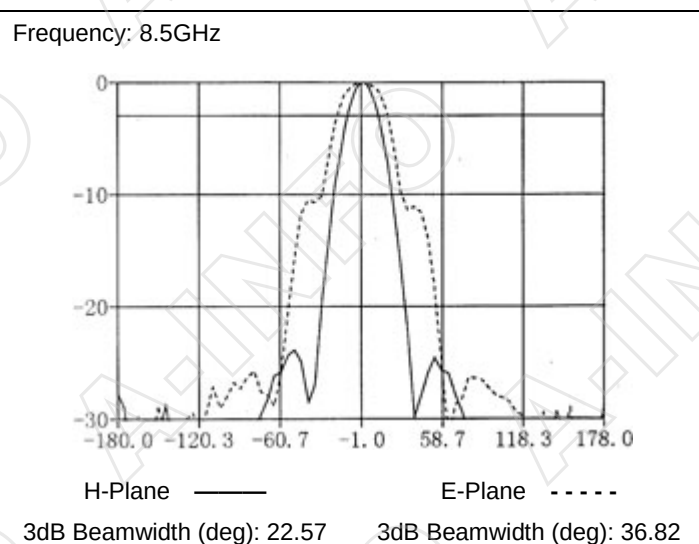
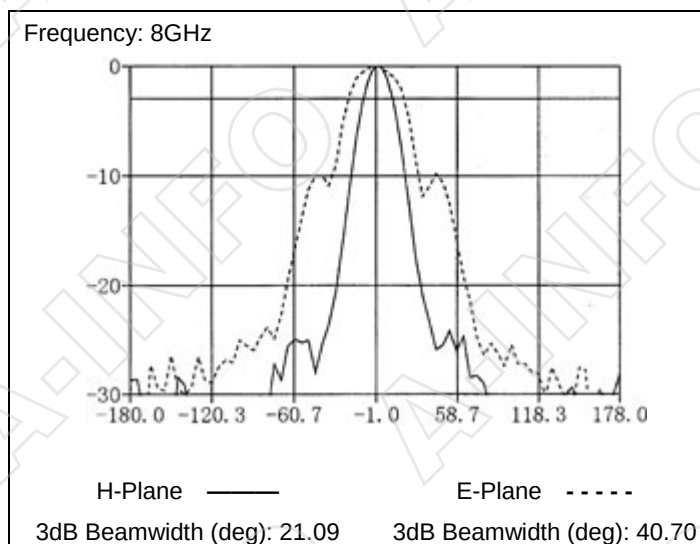
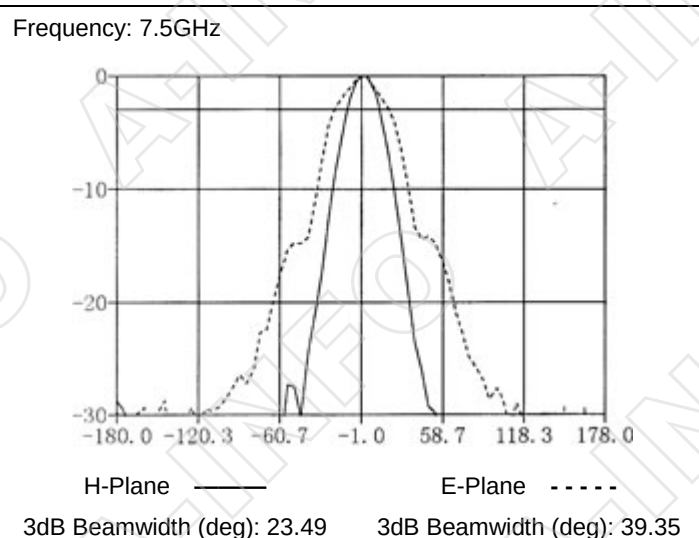
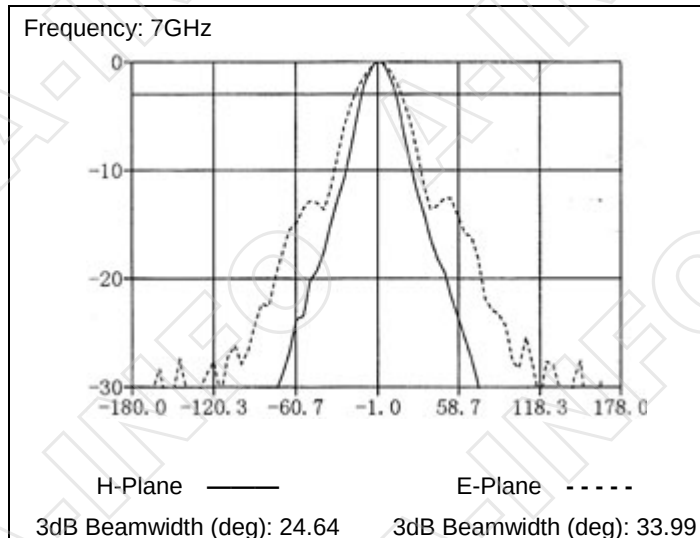


Frequency: 6GHz

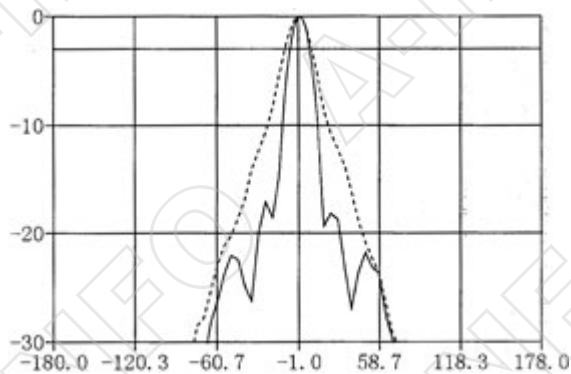


Frequency: 6.5GHz





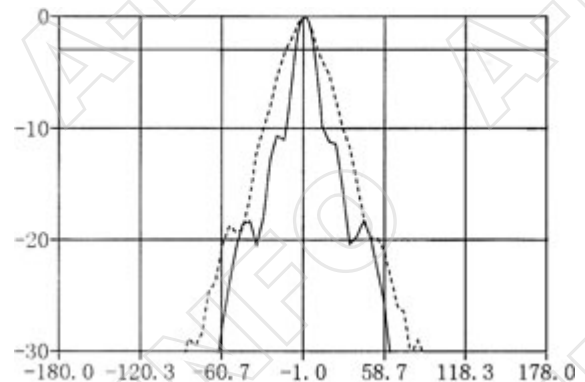
Frequency: 10GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 14.37 3dB Beamwidth (deg): 19.51

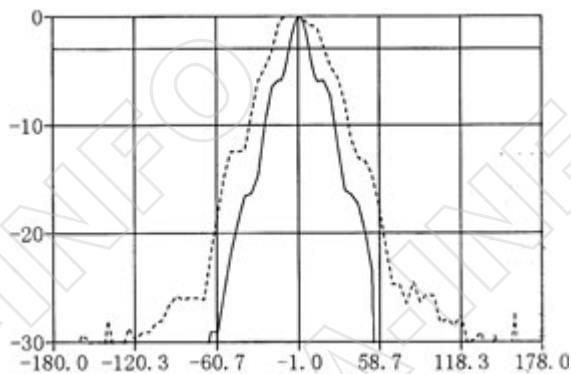
Frequency: 10.5GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 13.60 3dB Beamwidth (deg): 22.95

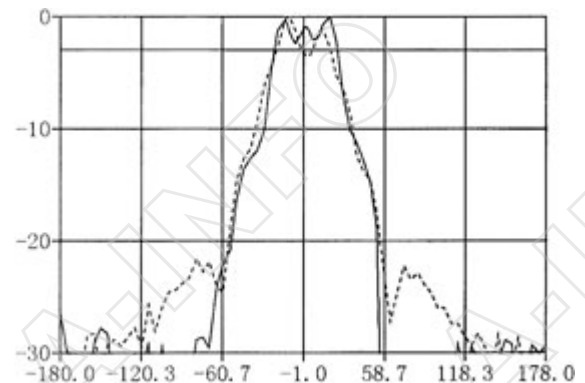
Frequency: 11GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 14.63 3dB Beamwidth (deg): 38.45

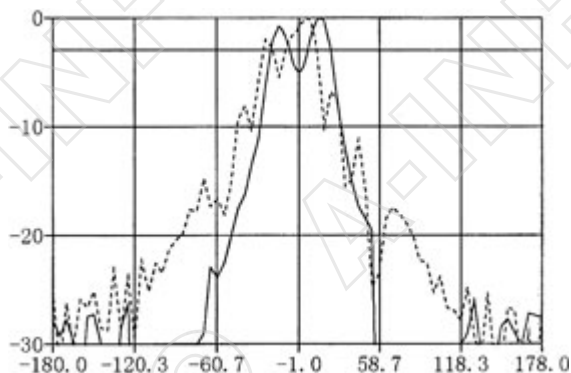
Frequency: 11.5GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 46.25 3dB Beamwidth (deg): 18.74

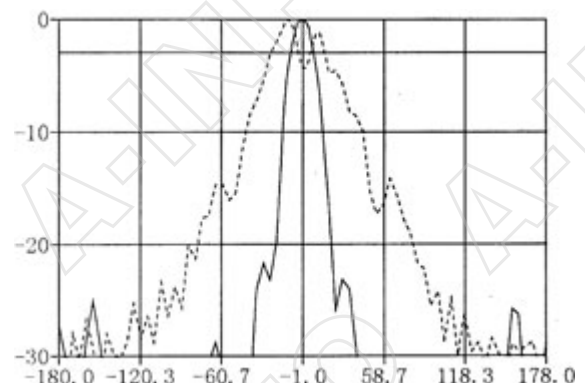
Frequency: 12GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 17.22 3dB Beamwidth (deg): 22.49

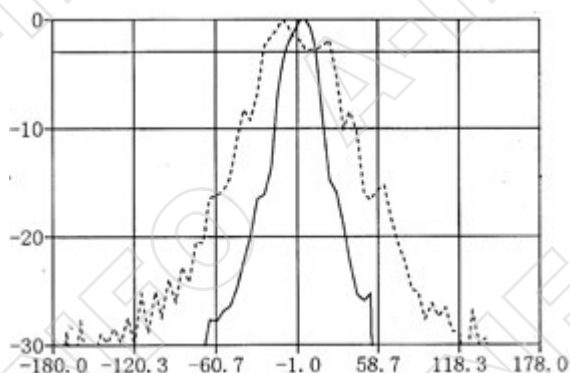
Frequency: 12.5GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 16.76 3dB Beamwidth (deg): 20.72

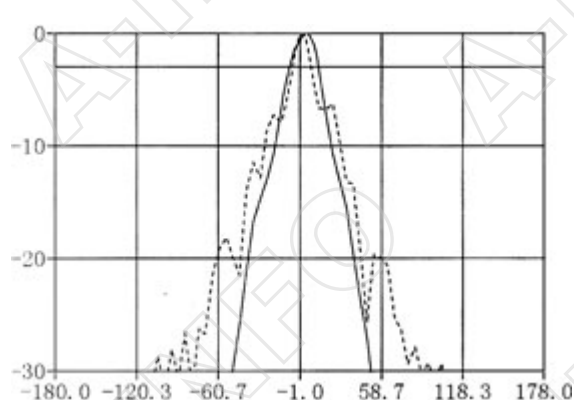
Frequency: 13GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 22.12 3dB Beamwidth (deg): 50.31

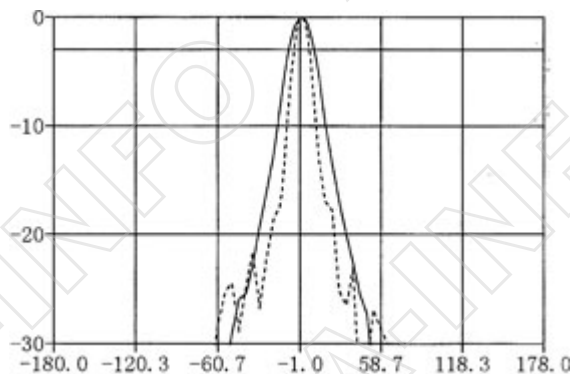
Frequency: 13.5GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 21.20 3dB Beamwidth (deg): 13.40

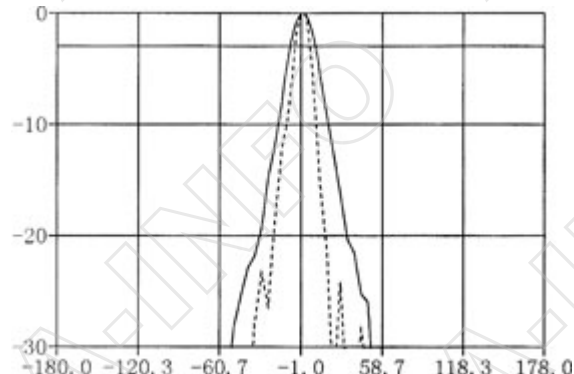
Frequency: 14GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 18.42 3dB Beamwidth (deg): 11.28

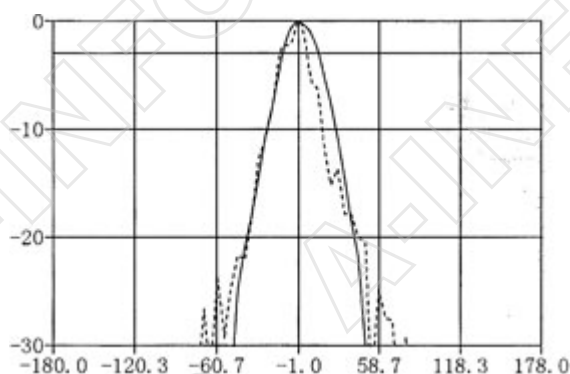
Frequency: 14.5GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 18.45 3dB Beamwidth (deg): 10.78

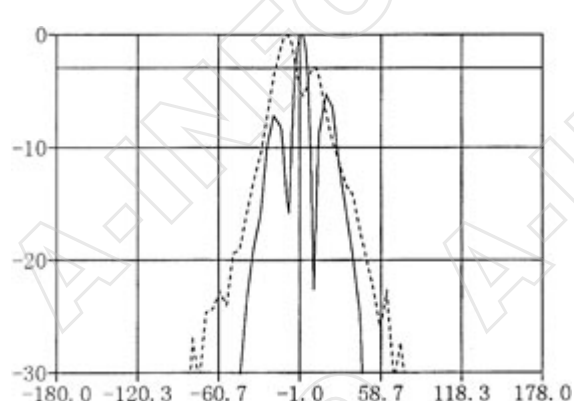
Frequency: 15GHz



H-Plane — E-Plane - - - -

3dB Beamwidth (deg): 25.97 3dB Beamwidth (deg): 19.64

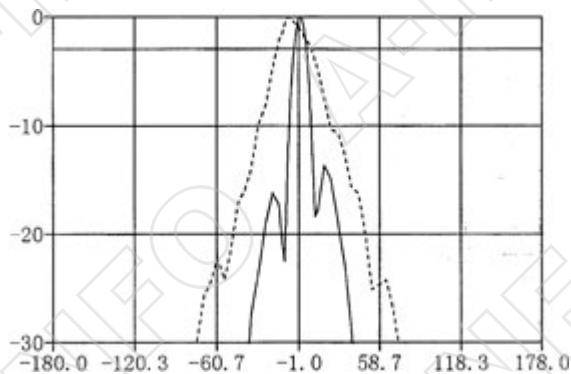
Frequency: 15.5GHz



H-Plane — E-Plane - - - -

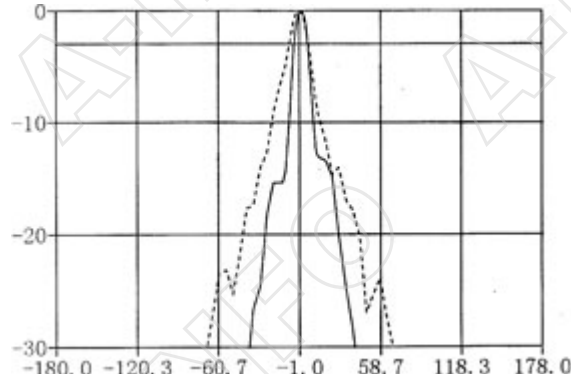
3dB Beamwidth (deg): 8.36 3dB Beamwidth (deg): 14.82

Frequency: 16GHz



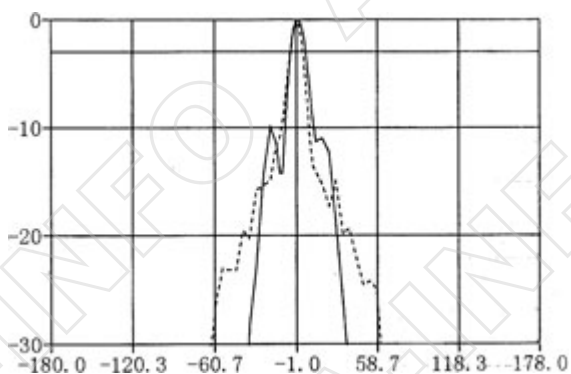
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 9.33 3dB Beamwidth (deg):25.14

Frequency: 16.5GHz



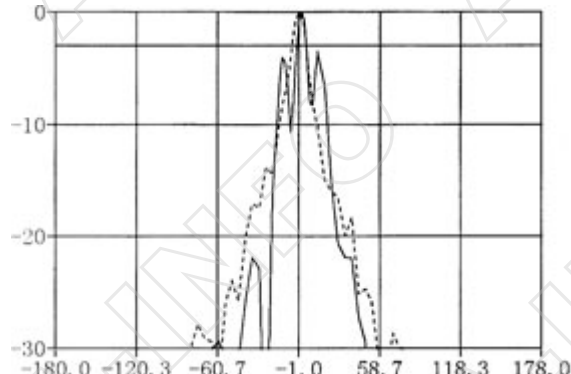
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 9.91 3dB Beamwidth (deg):14.03

Frequency: 17GHz



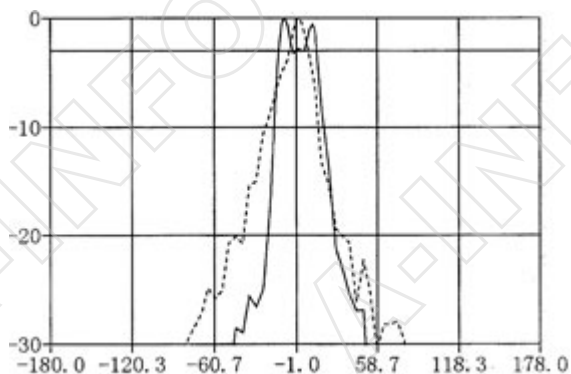
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 11.15 3dB Beamwidth (deg): 9.42

Frequency: 17.5GHz



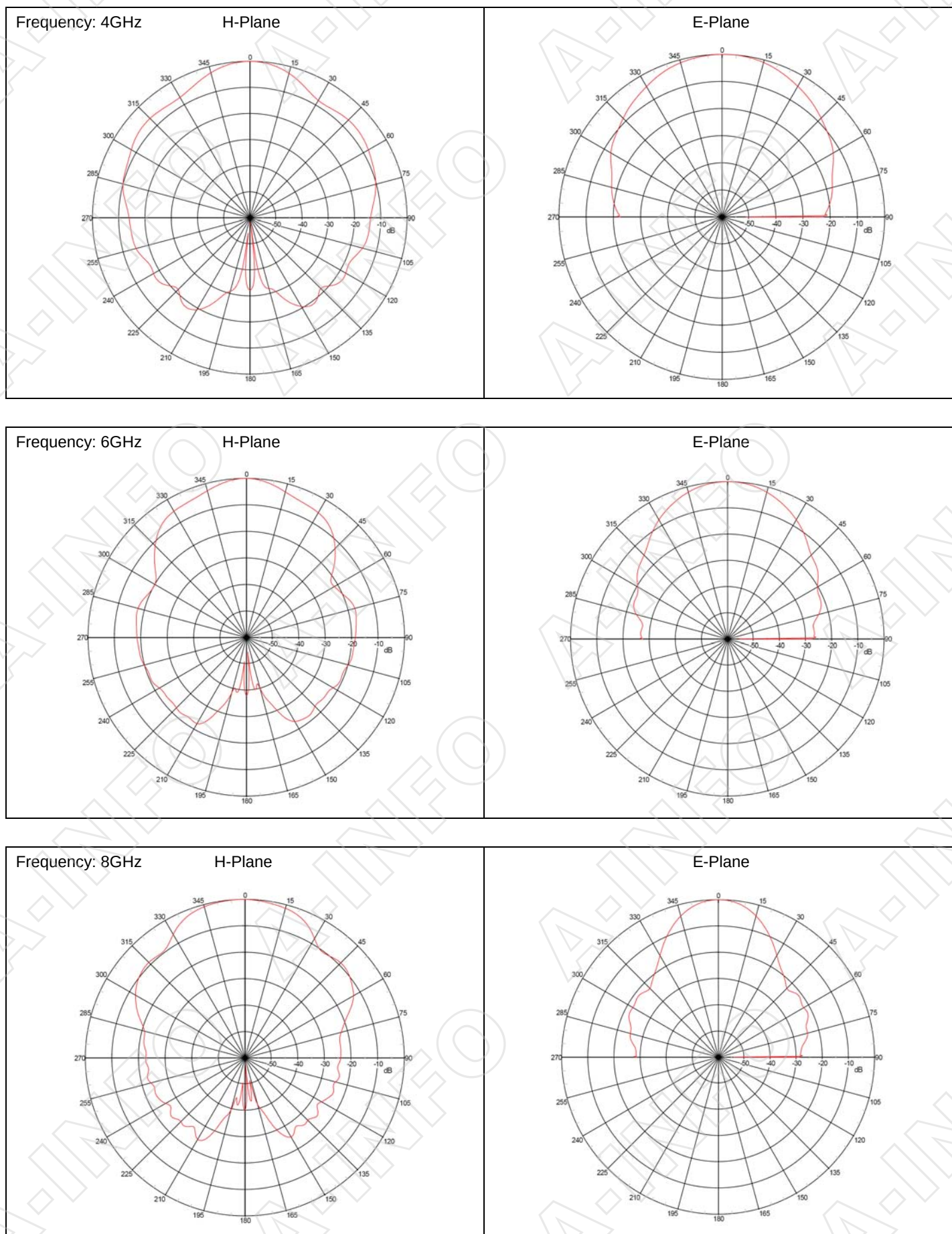
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 6.74 3dB Beamwidth (deg): 10.21

Frequency: 18GHz



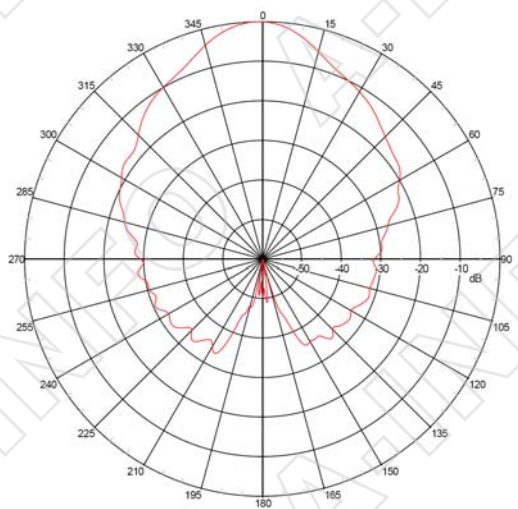
H-Plane ——— E-Plane - - - - -
3dB Beamwidth (deg): 9.92 3dB Beamwidth (deg): 13.91

Pattern (Tested by NSI)

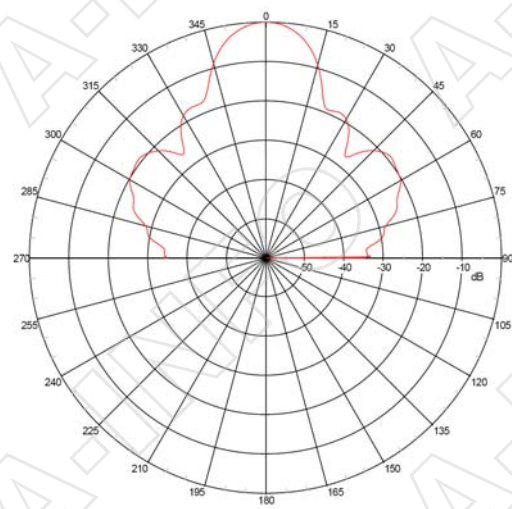


Frequency: 10GHz

H-Plane

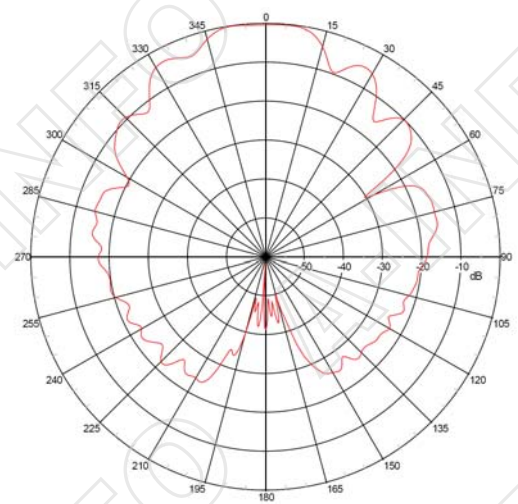


E-Plane

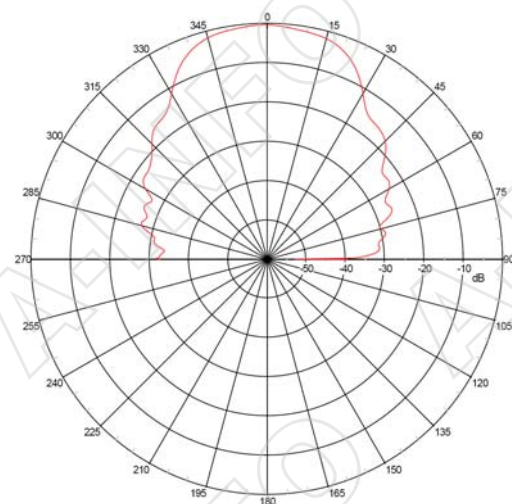


Frequency: 12GHz

H-Plane

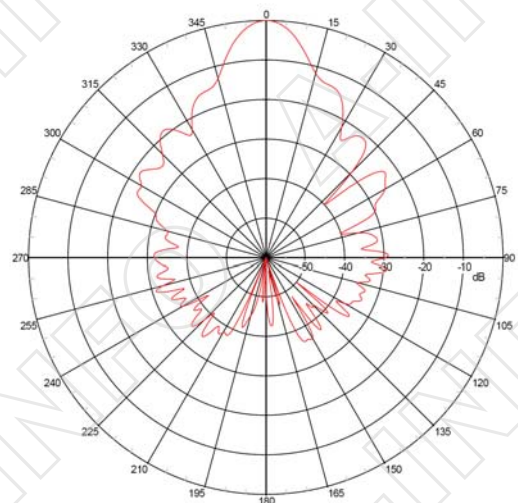


E-Plane

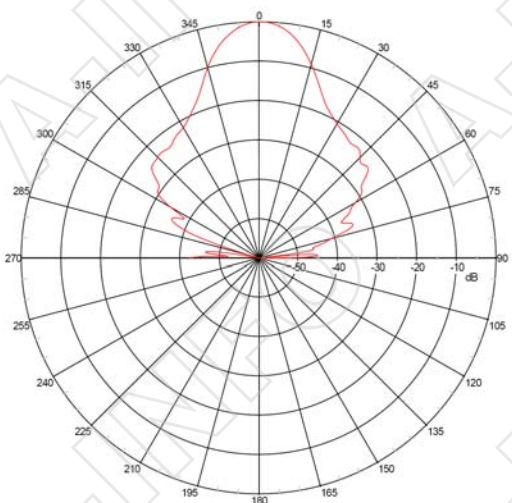


Frequency: 14GHz

H-Plane

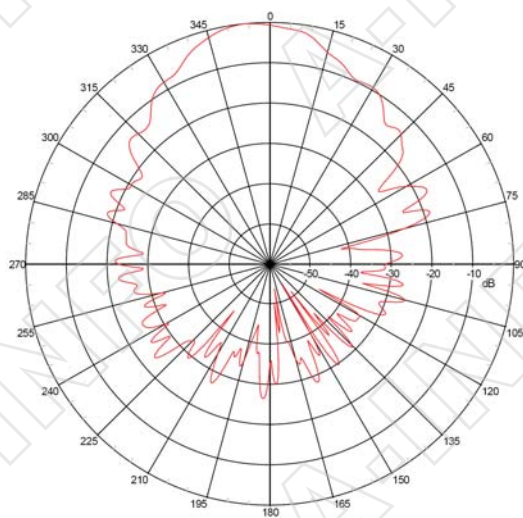


E-Plane

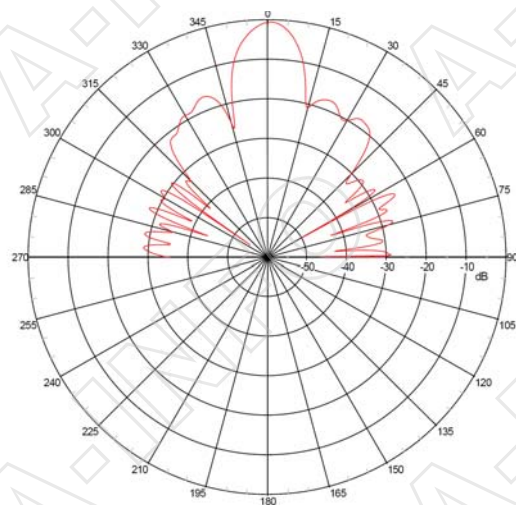


Frequency: 16GHz

H-Plane

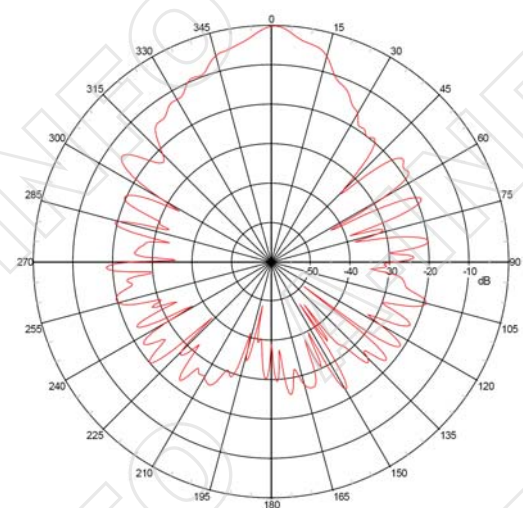


E-Plane



Frequency: 18GHz

H-Plane



E-Plane

