

For reference only. See data sheet for the detailed specifications.

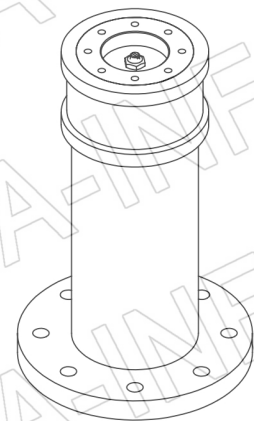
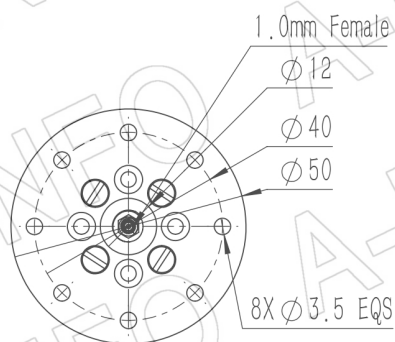
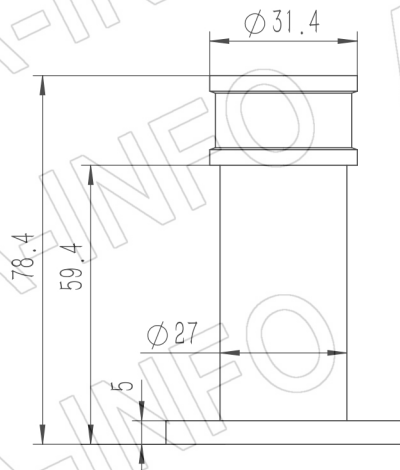
Technical Specification



Frequency Range(GHz)	10.0 - 110.0
Gain(dBi)	4 Typ.
Polarization	Vertical
VSWR	2.0:1 Typ.
Connector	1.0mm-Female
Power Handling (W CW)	3 Max.
Material	Al
Finish	Silver Plated and Chemical Conversion Coating, Gray and Black Paint
Size(mm)	50 x 50 x 78.4
Net Weight(Kg)	0.07 Around

Outline Drawing (Size: mm)

1.0mm-Female output (P/N: SZ-100011000/P)



AINFO Inc.

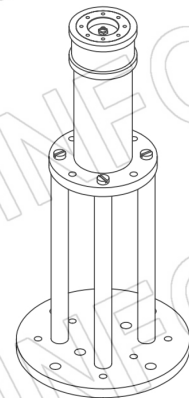
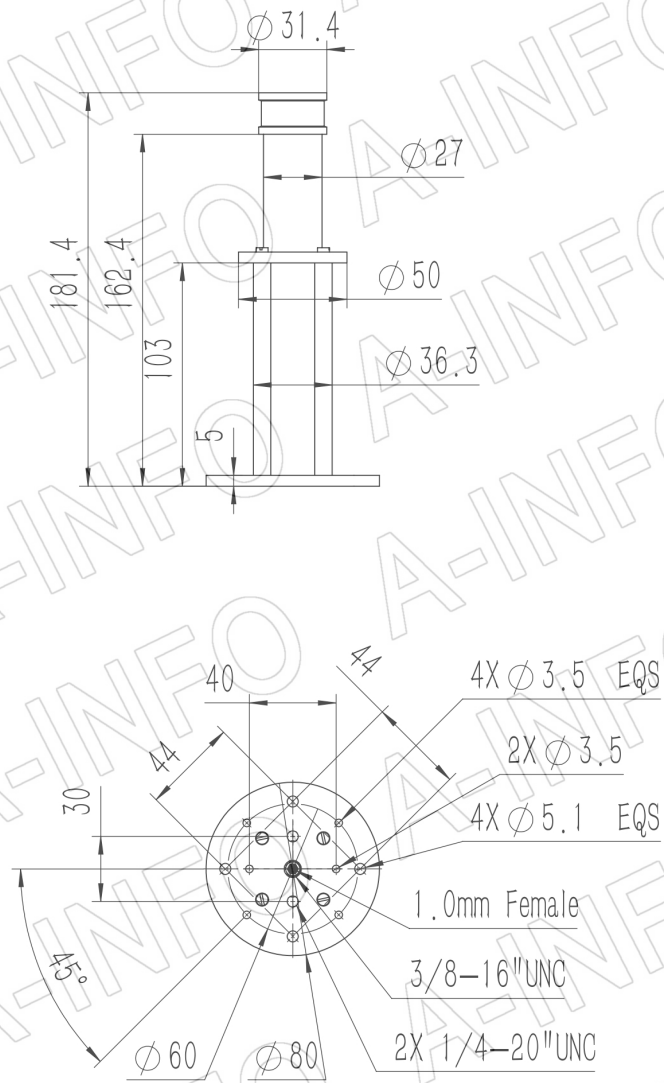
China(Beijing): Tel: (+86) 10-6266-7326,
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 USA : Tel: (+1) 949-639-9688,

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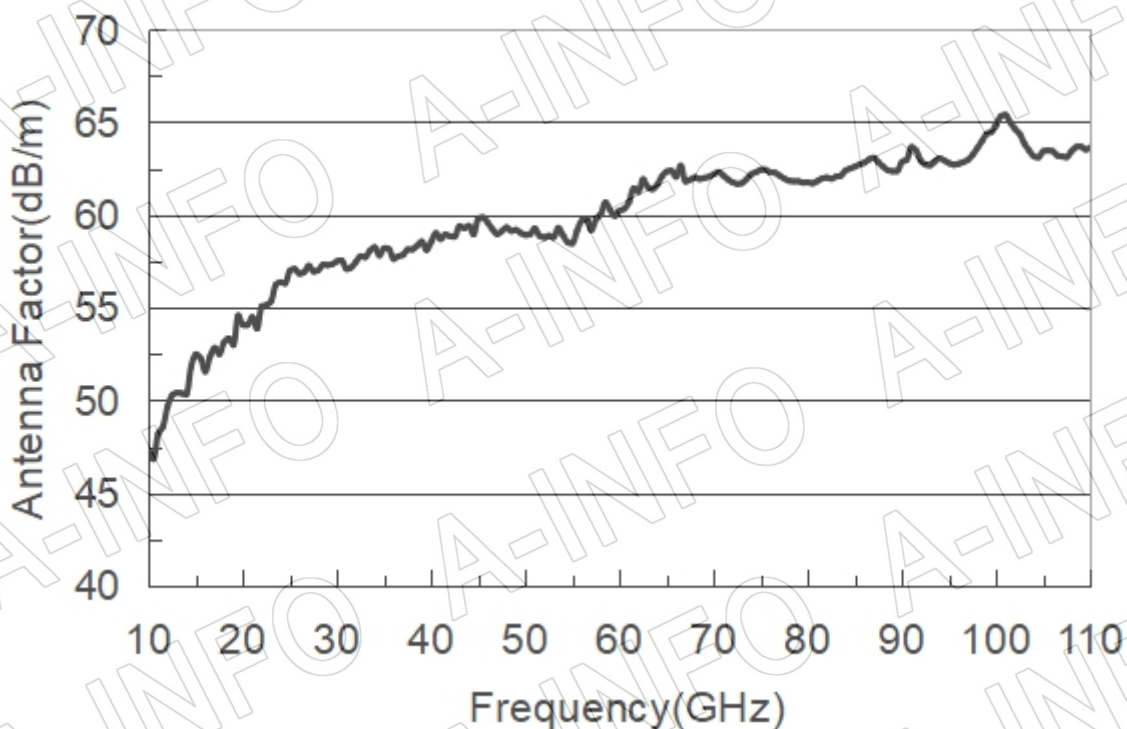
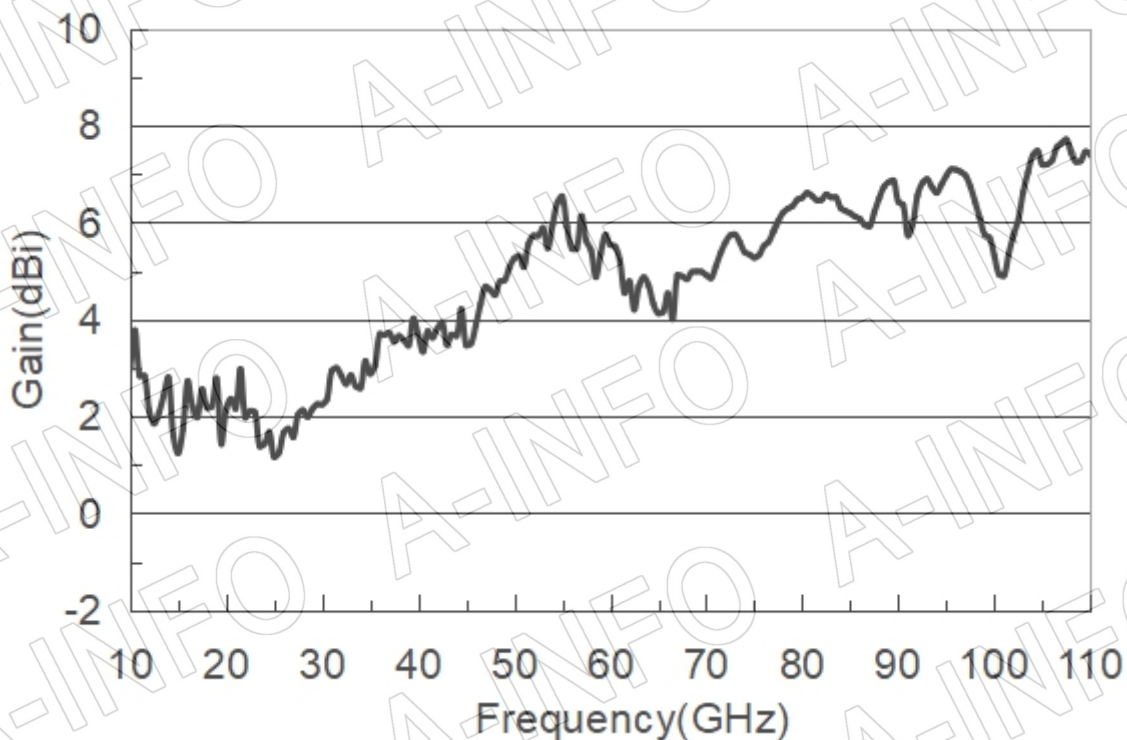
Website: www.ainfoinc.com
 Email: sales@ainfoinc.com

1.0mm-Female output with Round Mounting Bracket (Option, P/N: SZ-100011000-MB2)

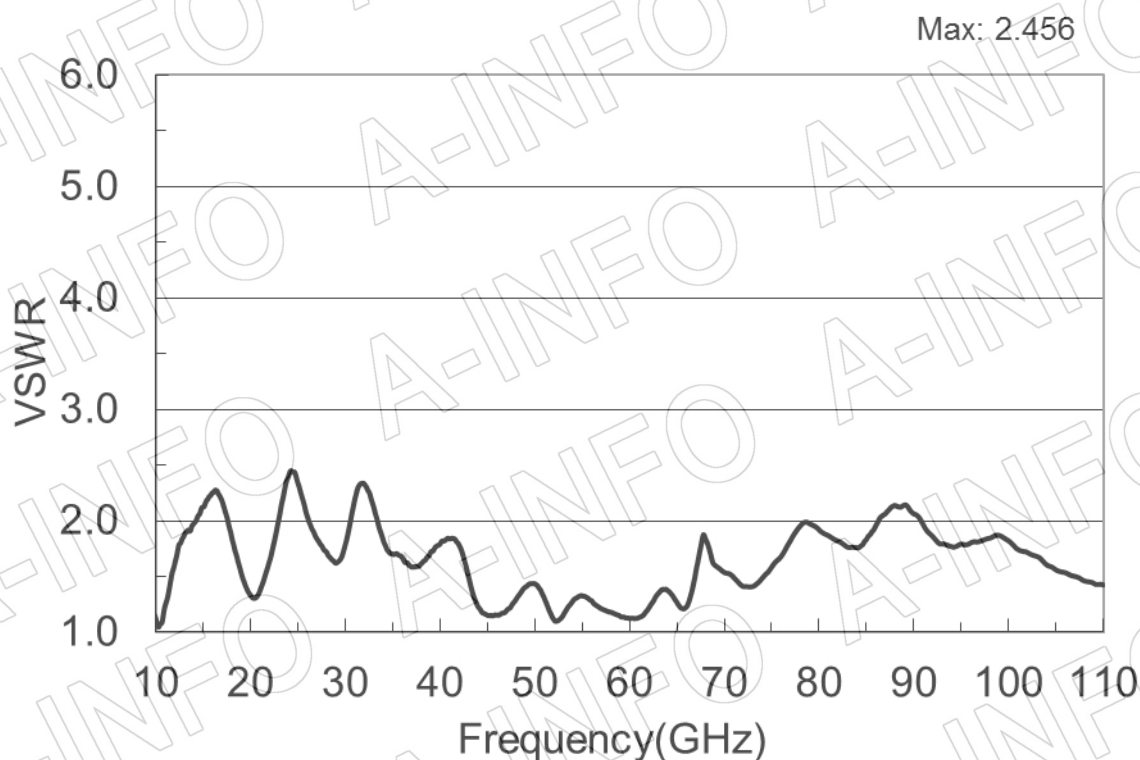


Test Results

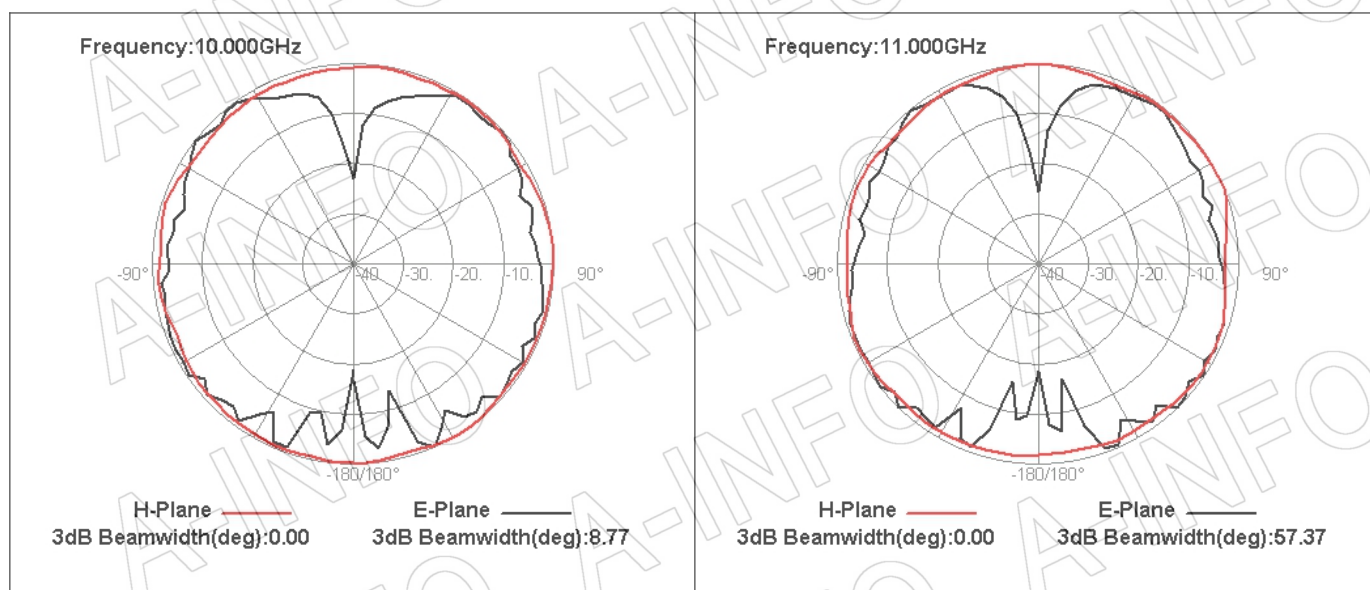
1. Gain & Antenna Factor



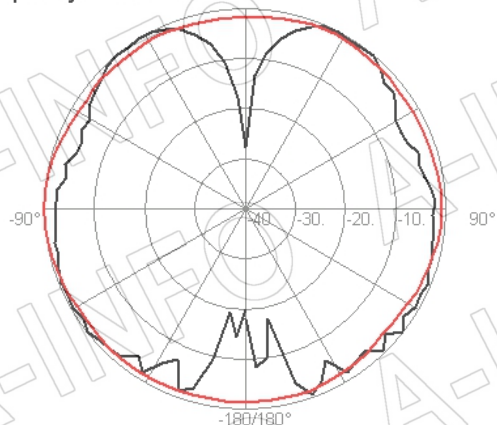
2. VSWR



3. Pattern

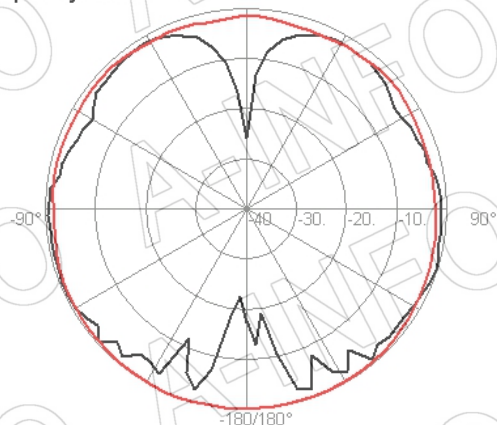


Frequency:12.000GHz



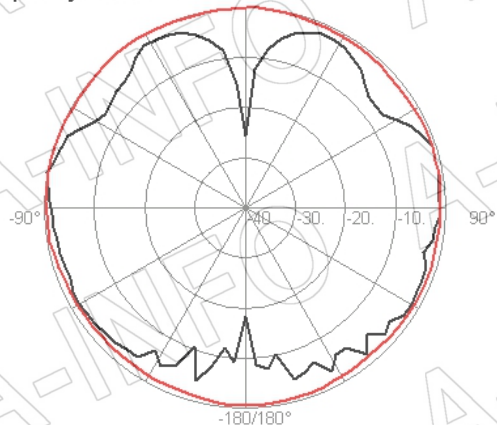
H-Plane — 3dB Beamwidth(deg):0.00
E-Plane — 3dB Beamwidth(deg):60.20

Frequency:13.000GHz



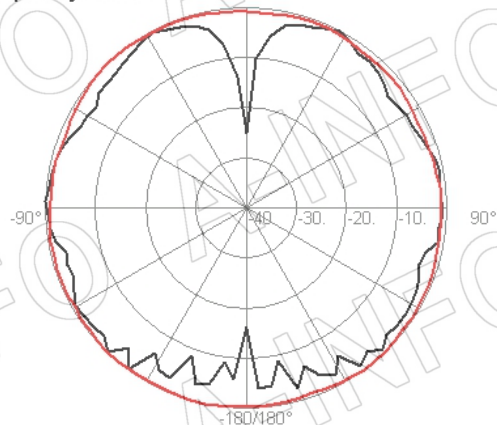
H-Plane — 3dB Beamwidth(deg):0.00
E-Plane — 3dB Beamwidth(deg):72.45

Frequency:14.000GHz



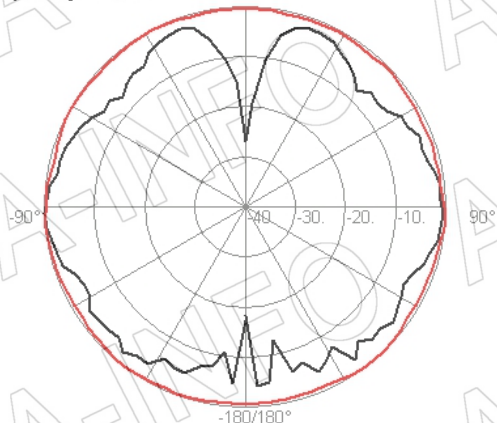
H-Plane — 3dB Beamwidth(deg):0.00
E-Plane — 3dB Beamwidth(deg):72.64

Frequency:15.000GHz



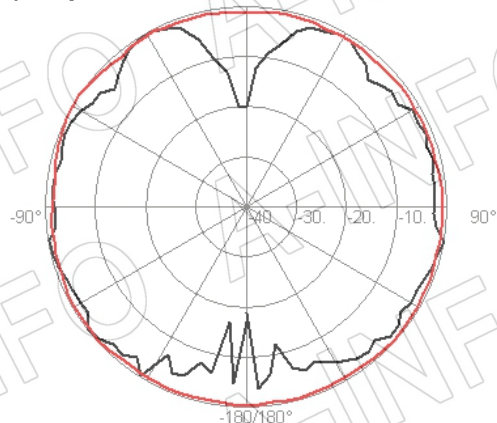
H-Plane — 3dB Beamwidth(deg):0.00
E-Plane — 3dB Beamwidth(deg):38.58

Frequency:16.000GHz

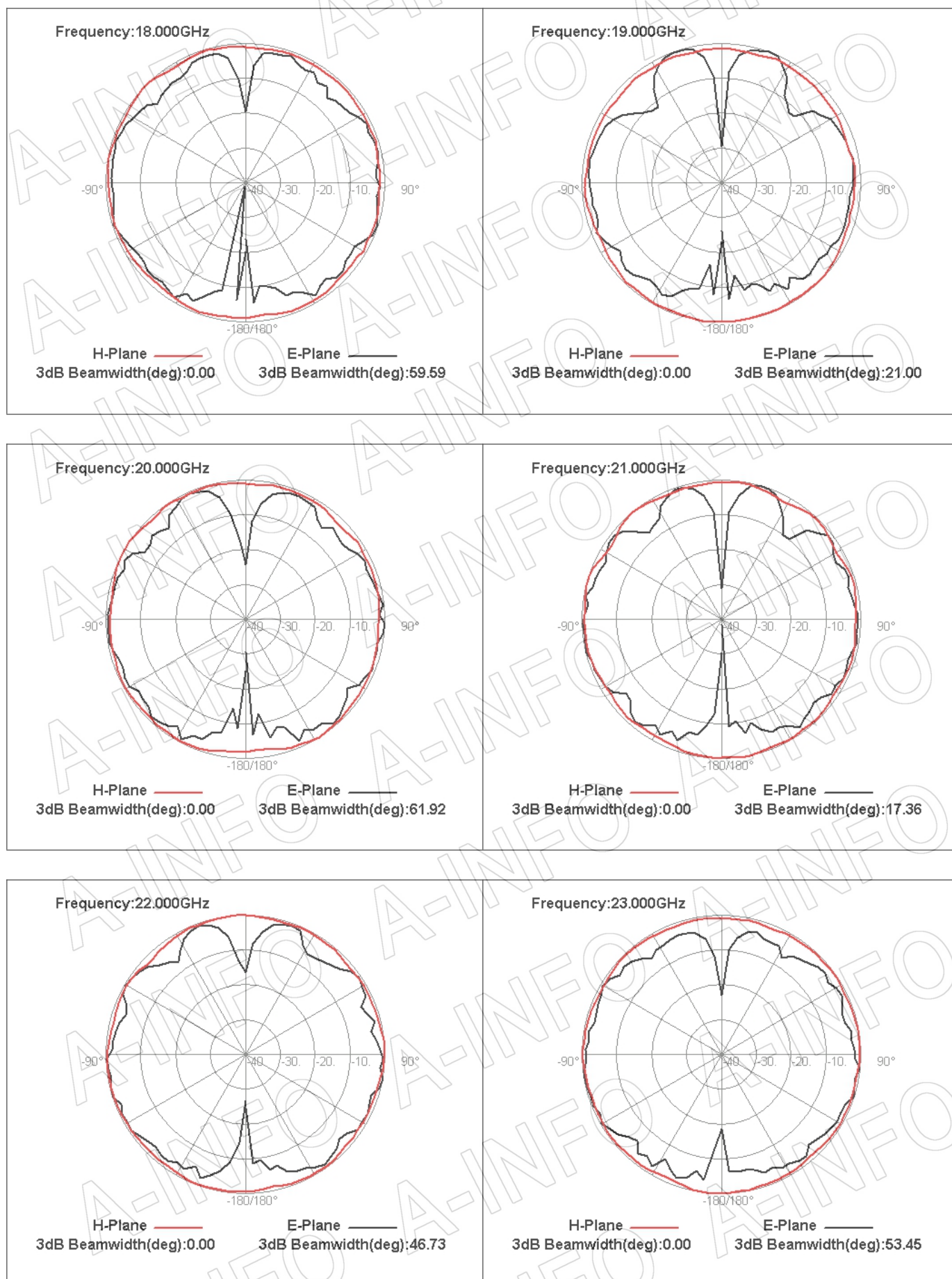


H-Plane — 3dB Beamwidth(deg):0.00
E-Plane — 3dB Beamwidth(deg):43.47

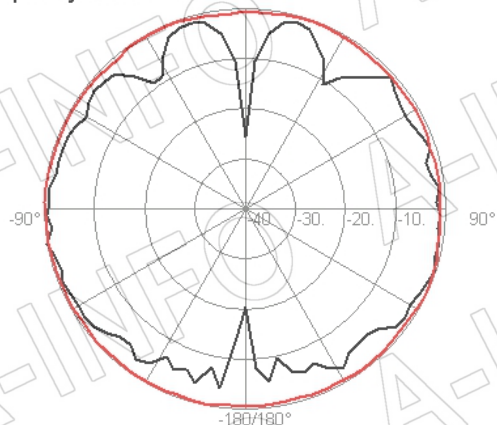
Frequency:17.000GHz



H-Plane — 3dB Beamwidth(deg):0.00
E-Plane — 3dB Beamwidth(deg):88.40

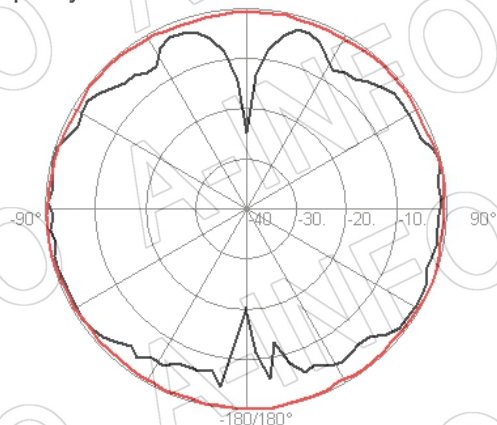


Frequency:24.000GHz



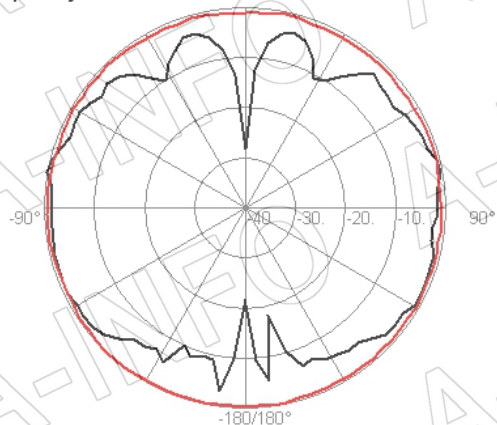
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):70.65

Frequency:25.000GHz



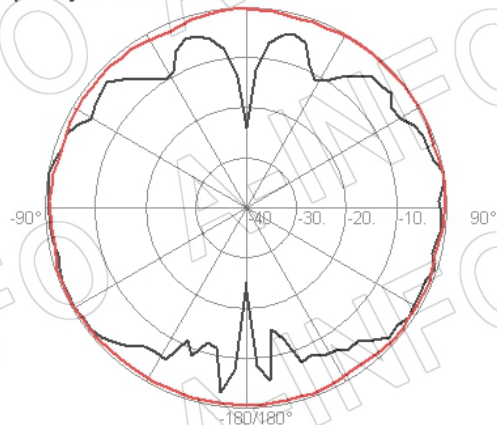
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):82.71

Frequency:26.000GHz



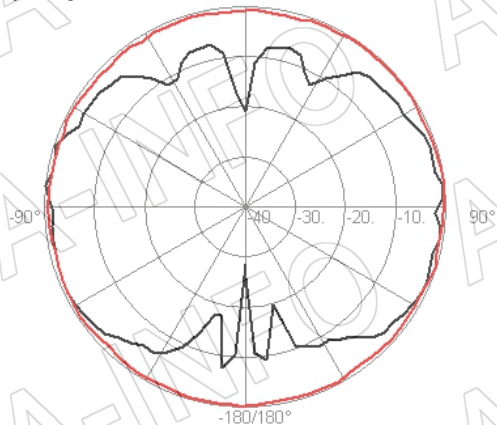
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):78.71

Frequency:27.000GHz



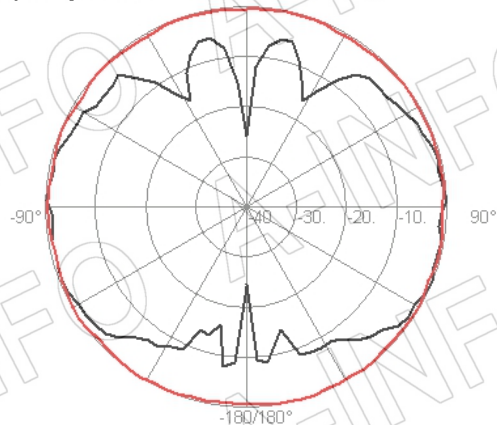
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):72.10

Frequency:28.000GHz

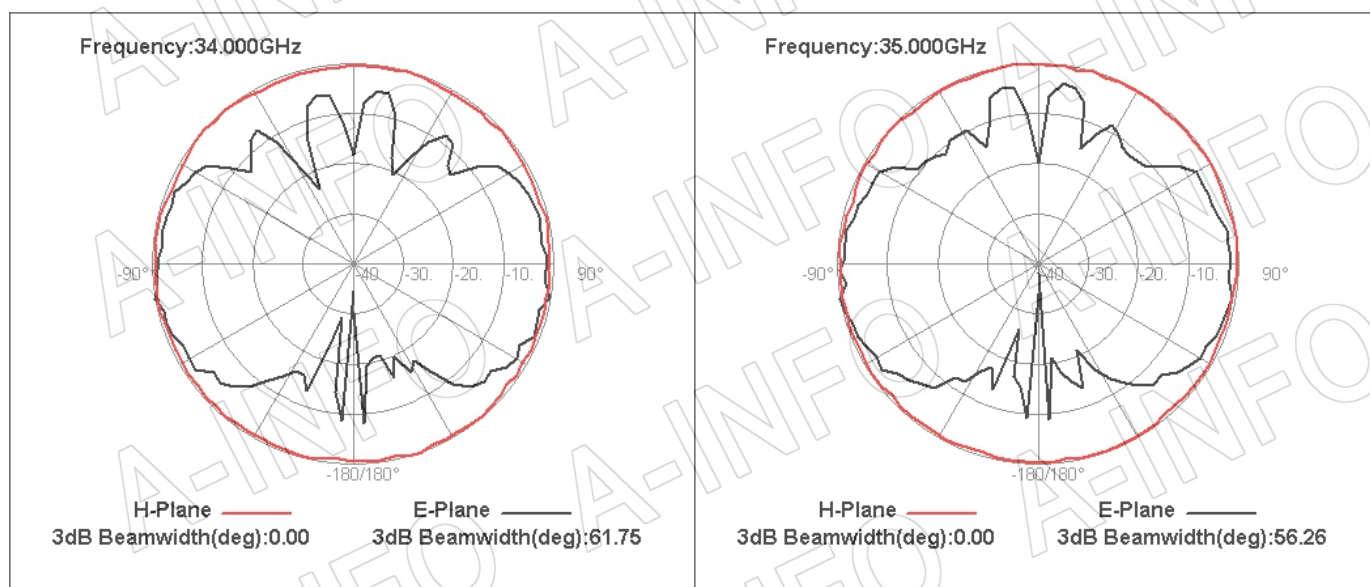
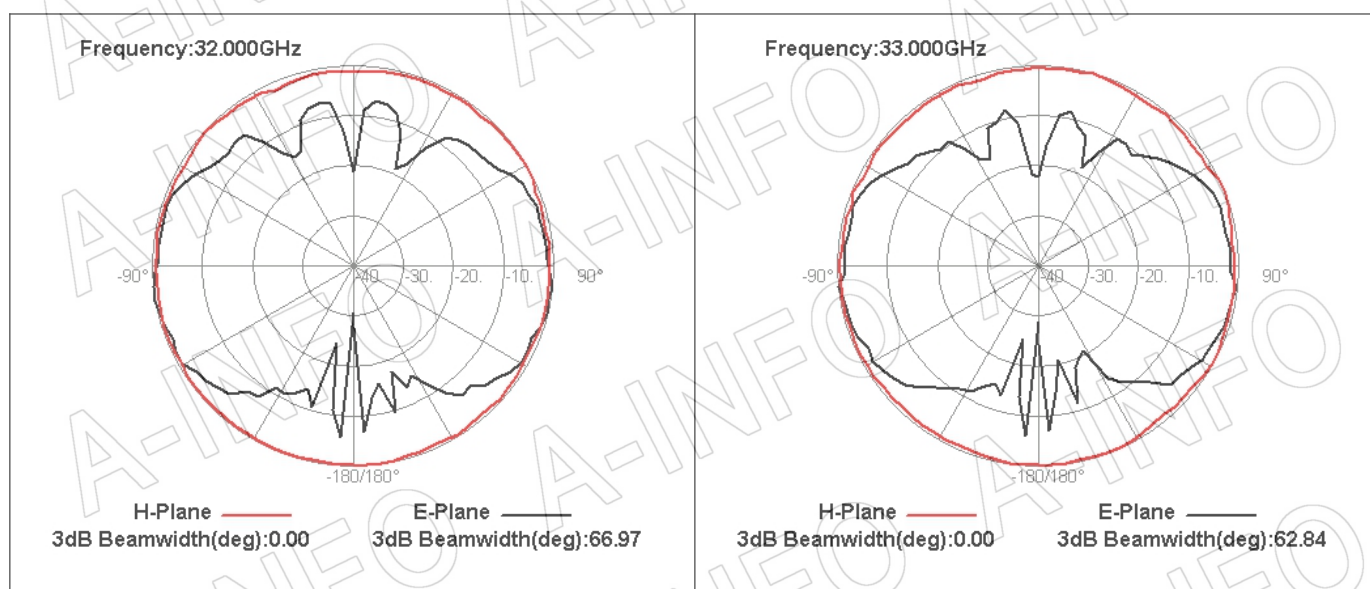
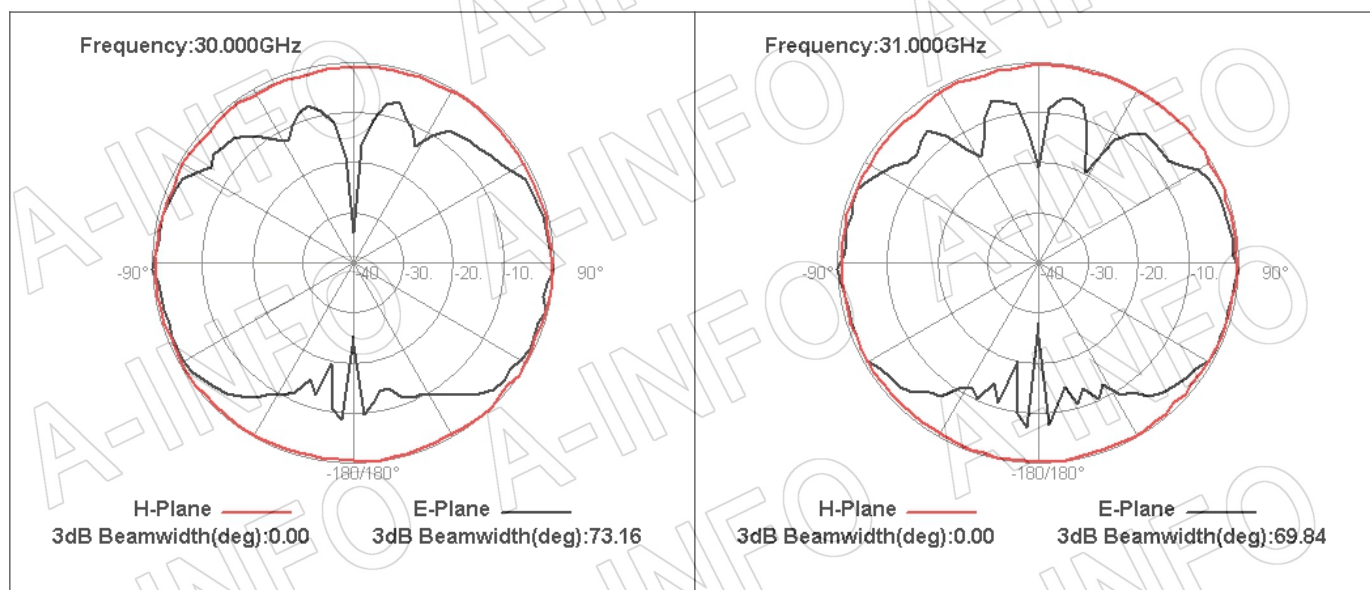


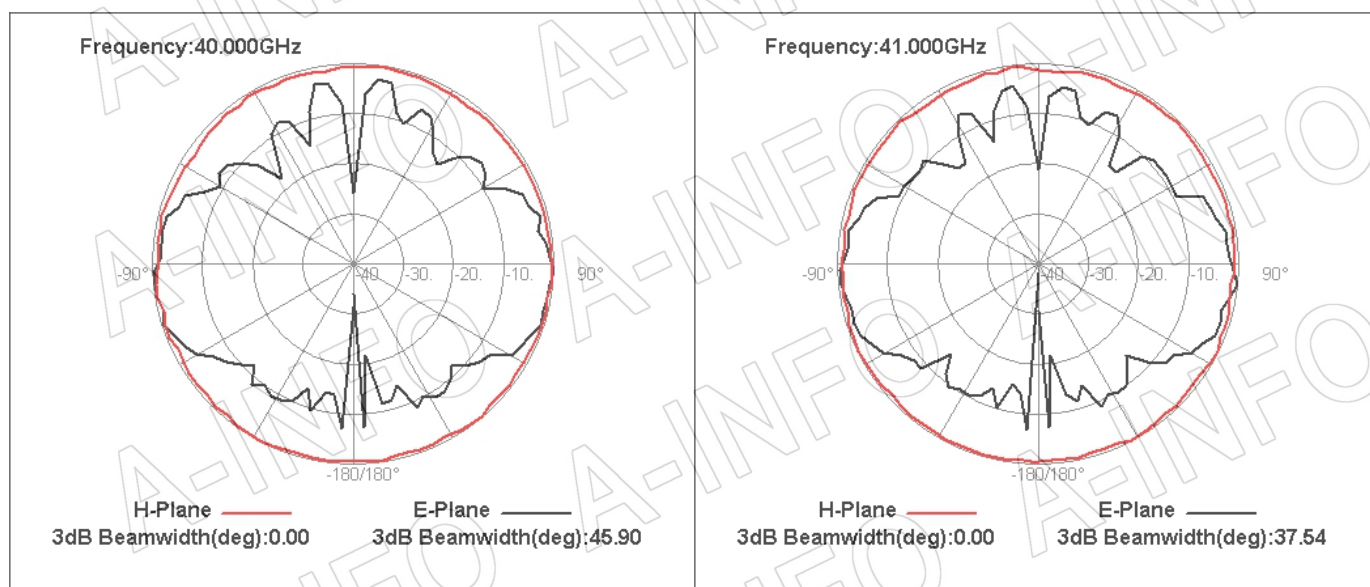
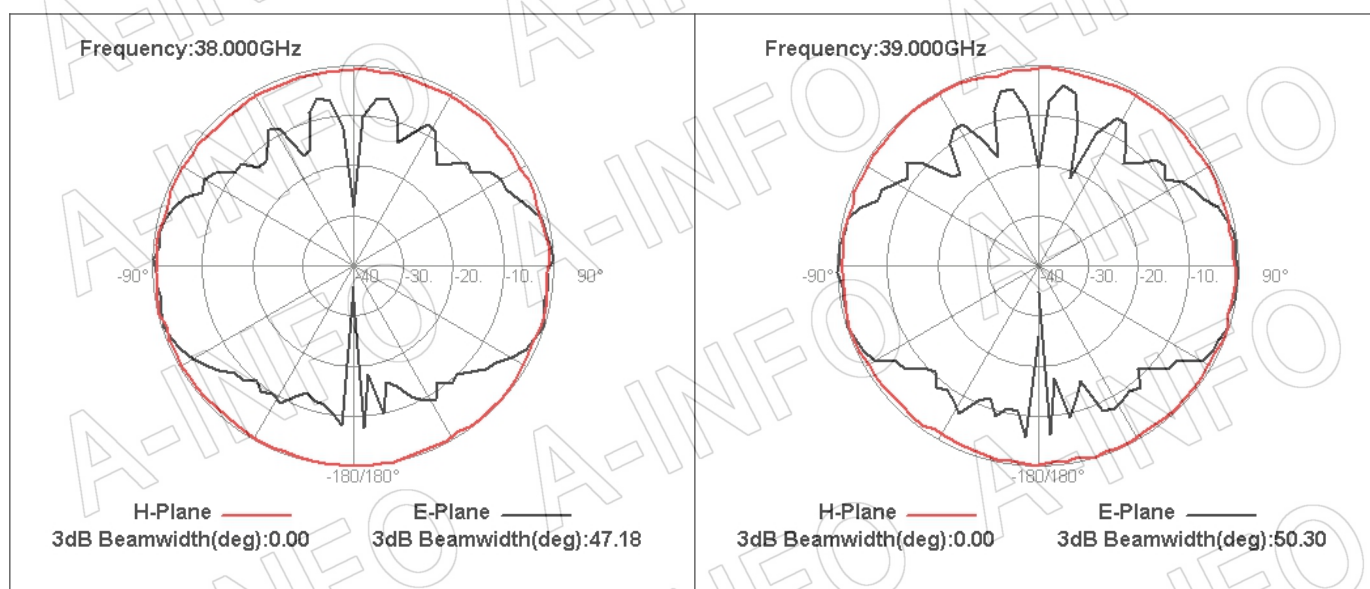
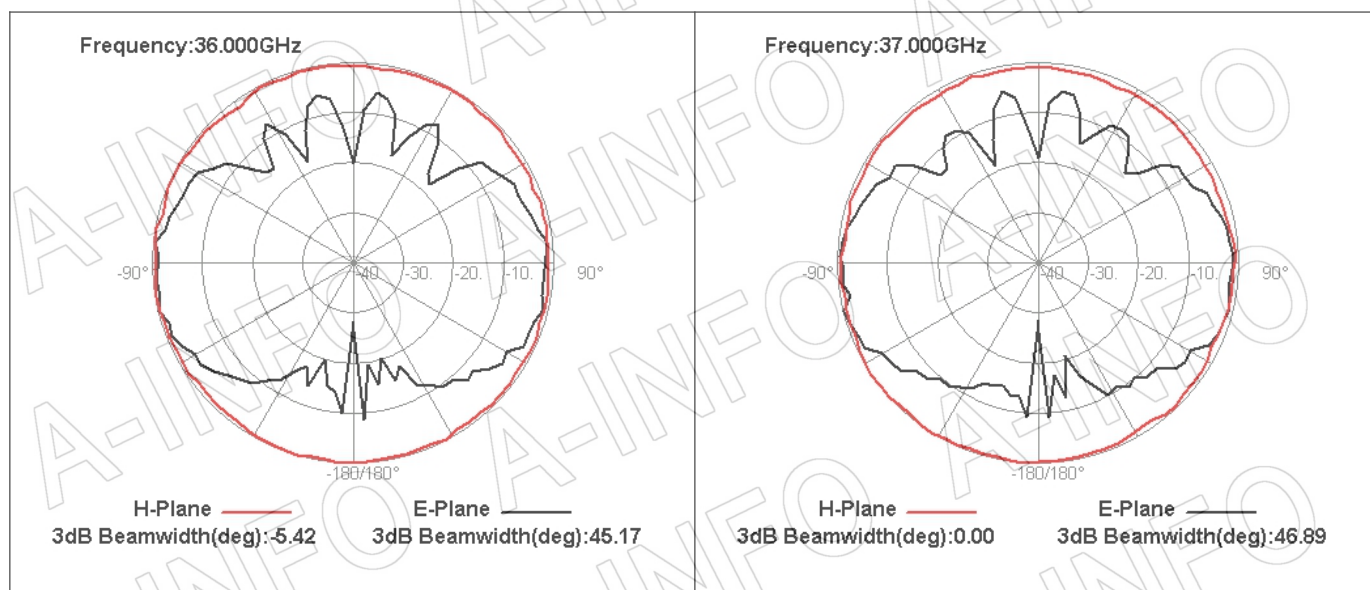
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):68.95

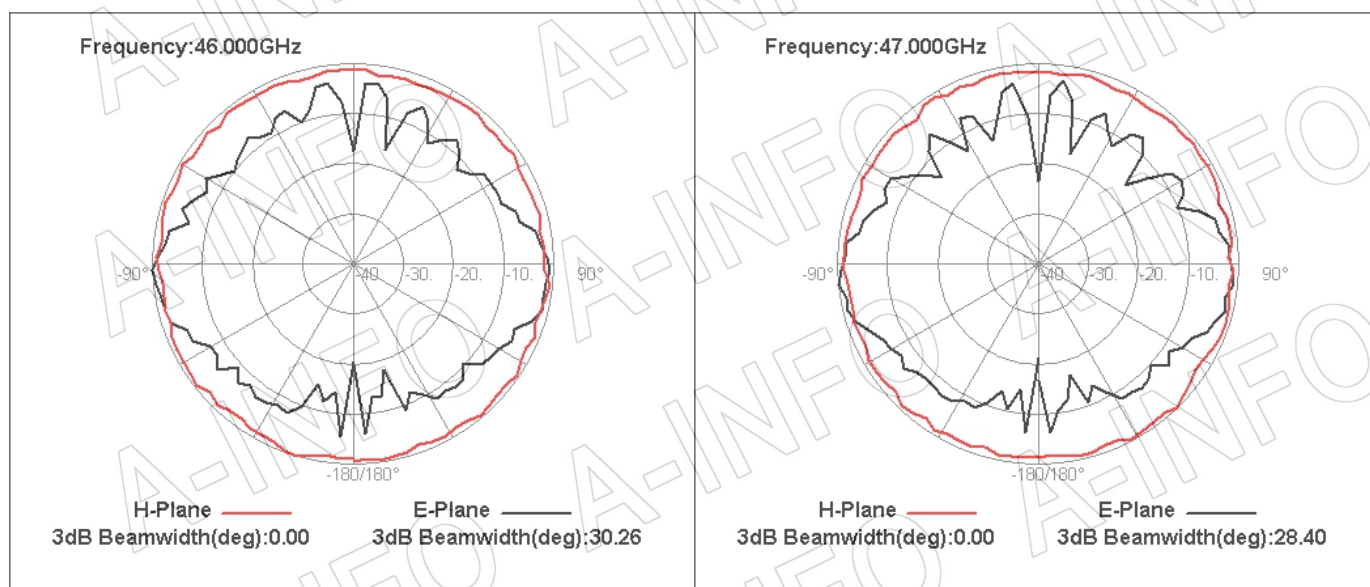
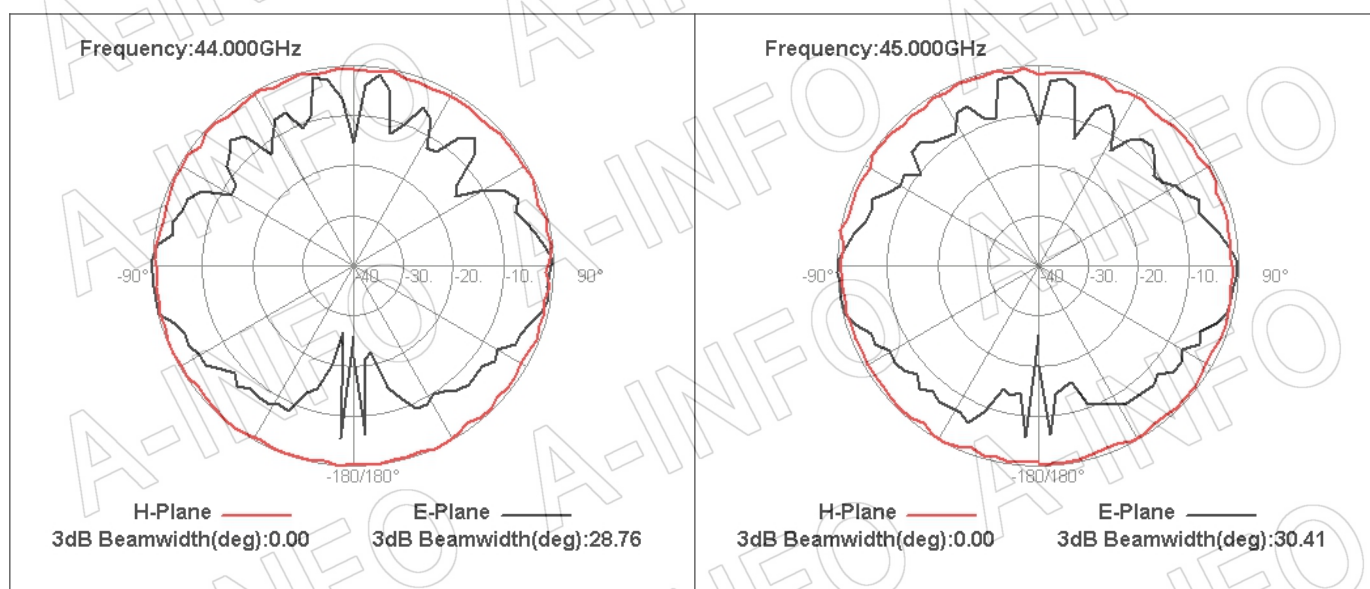
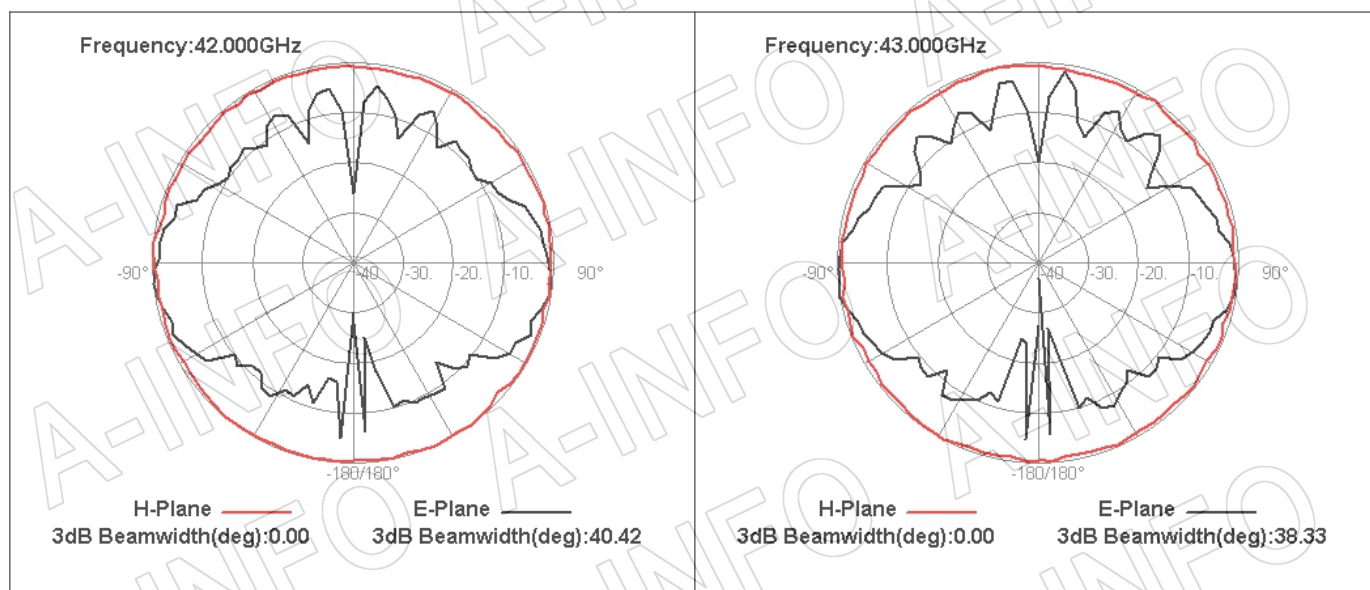
Frequency:29.000GHz

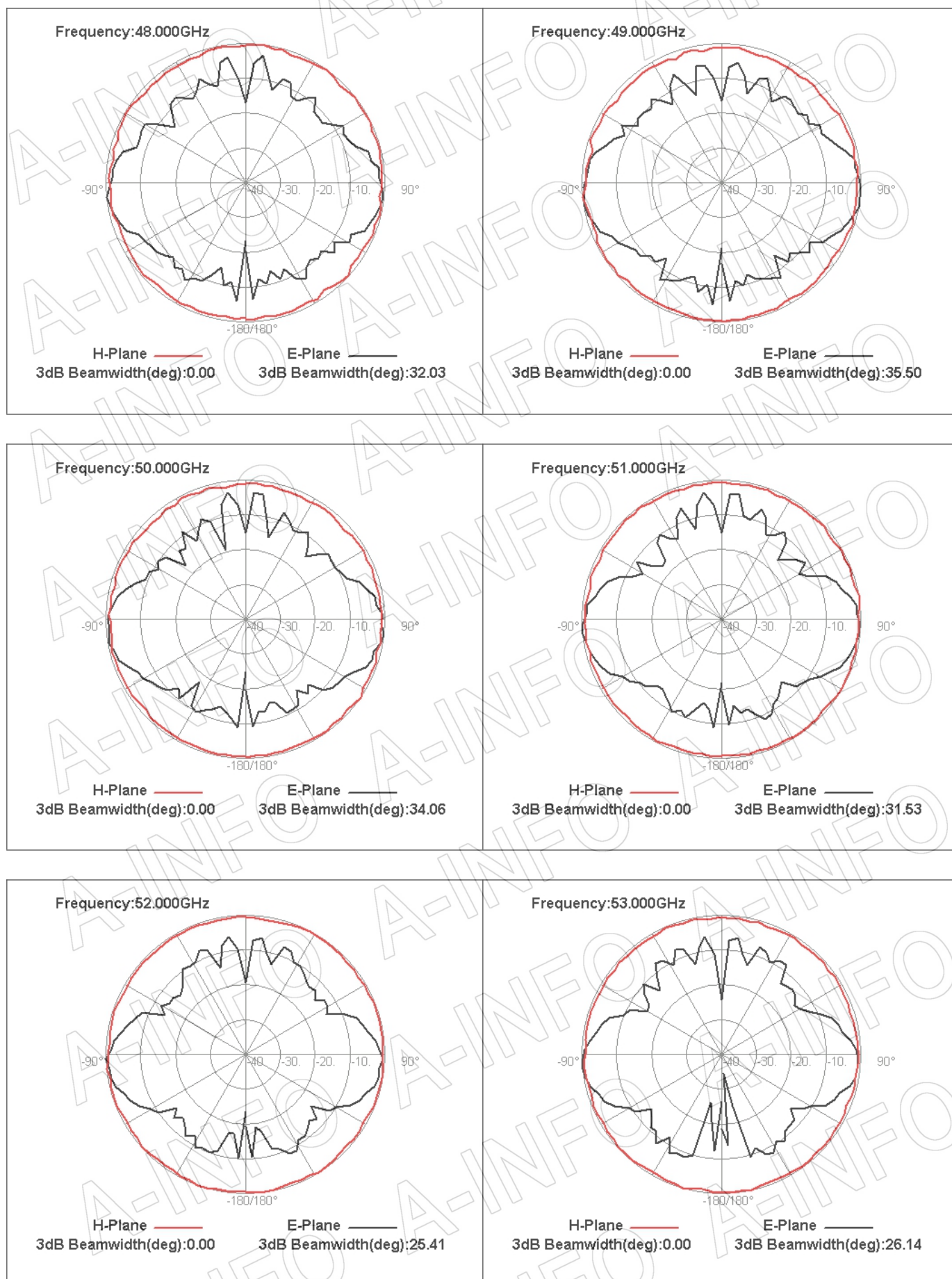


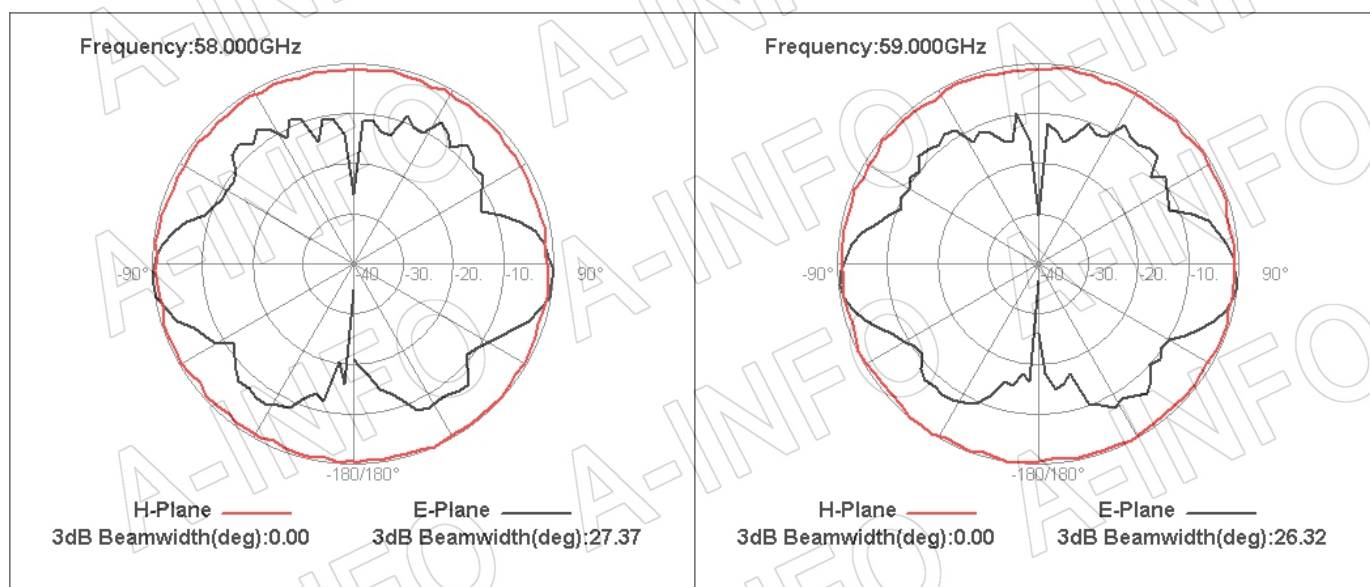
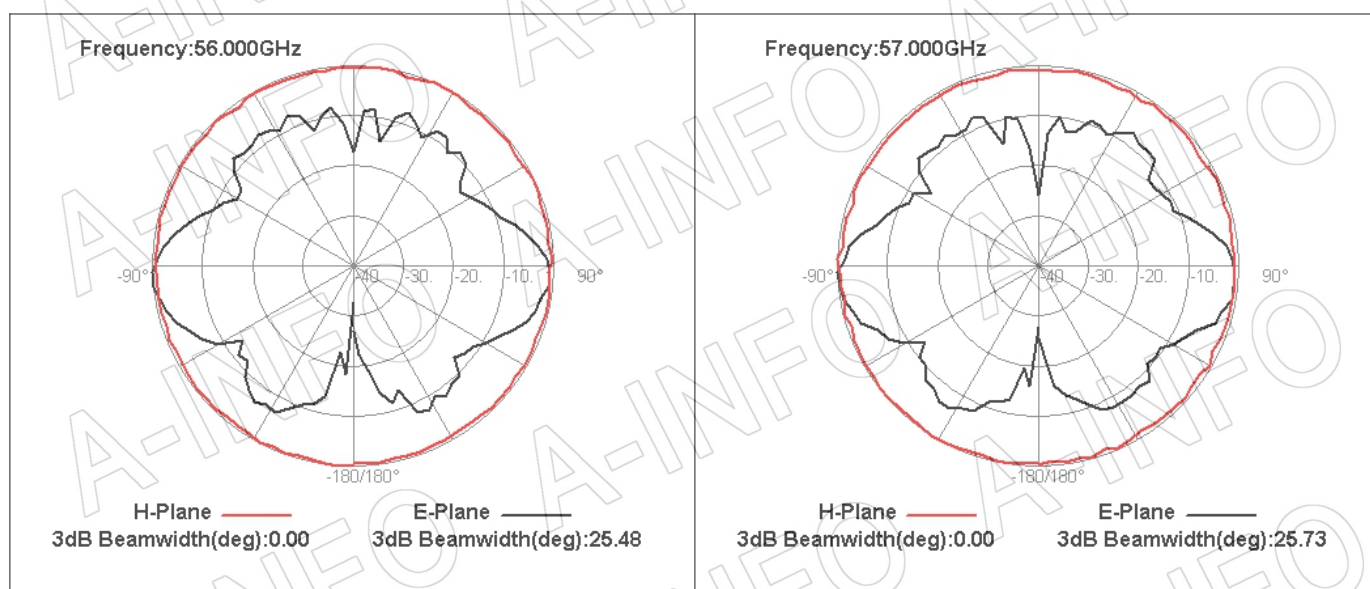
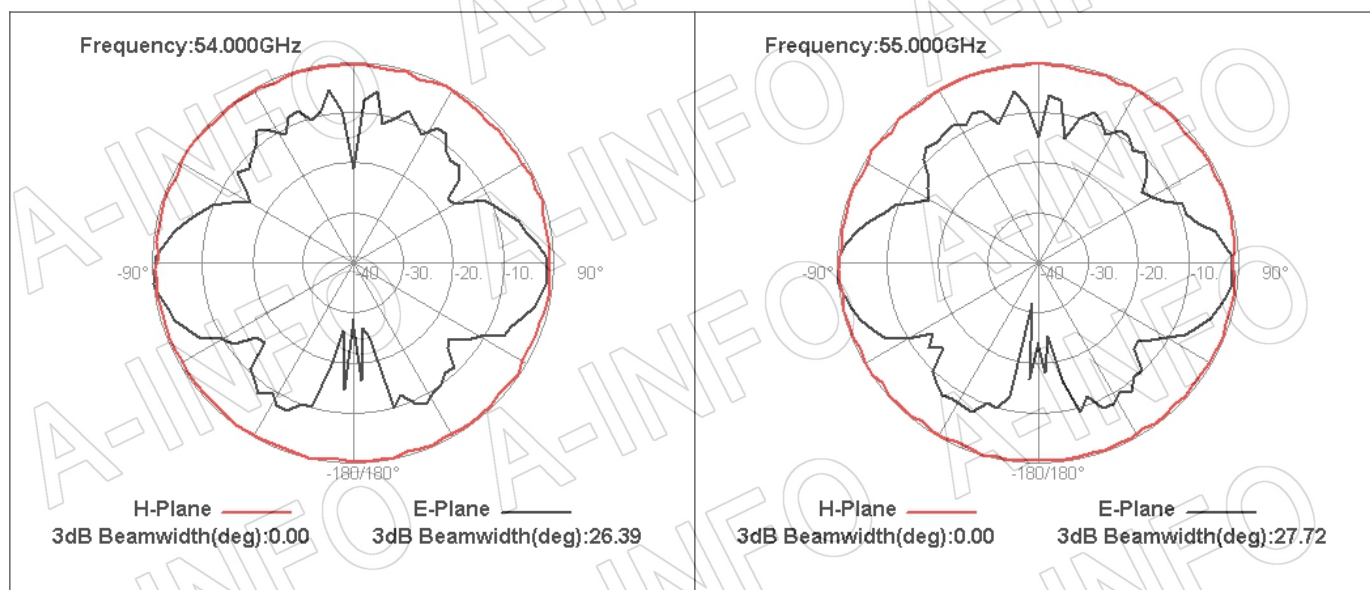
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):70.82

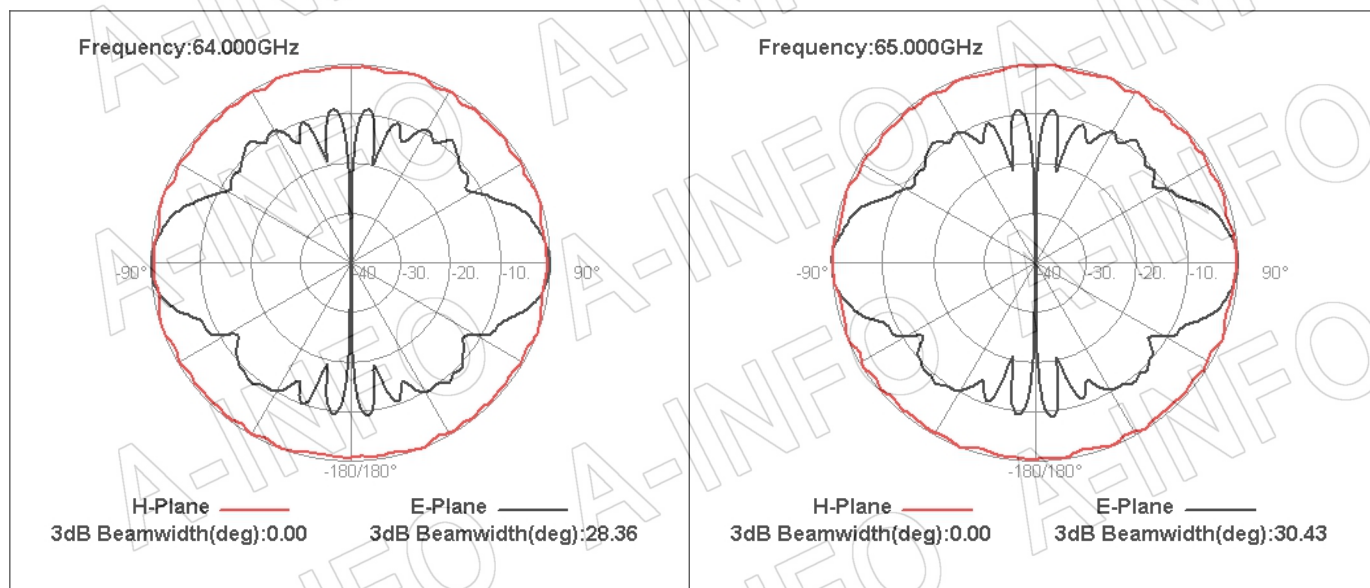
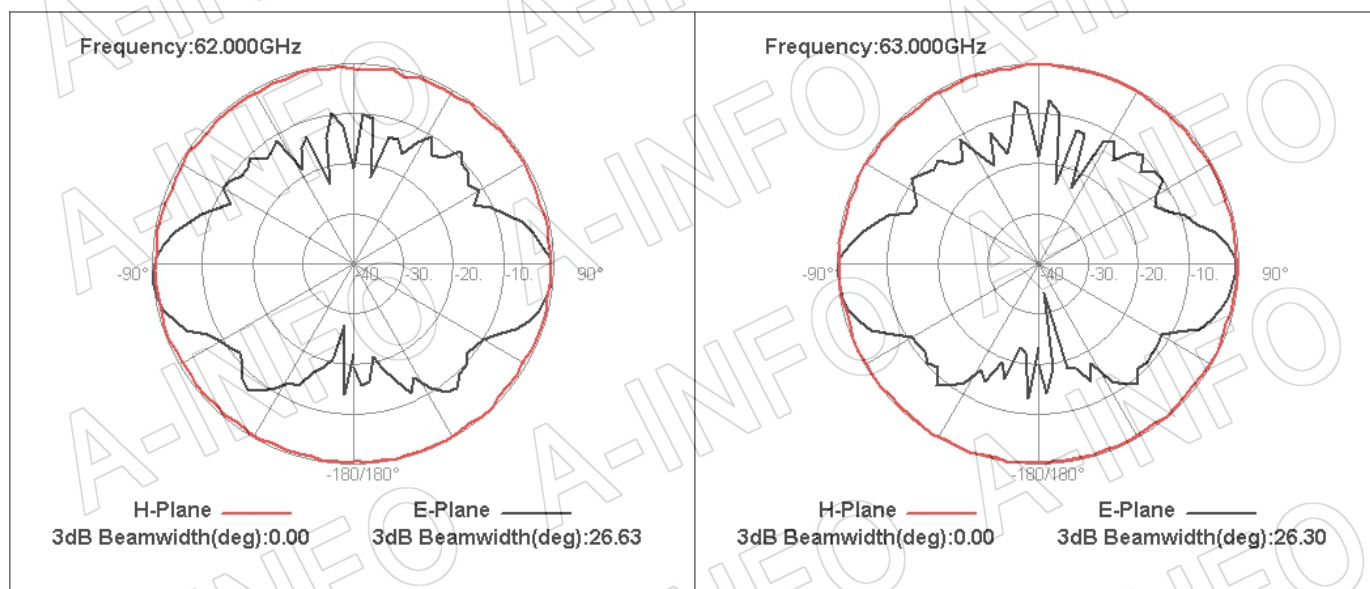
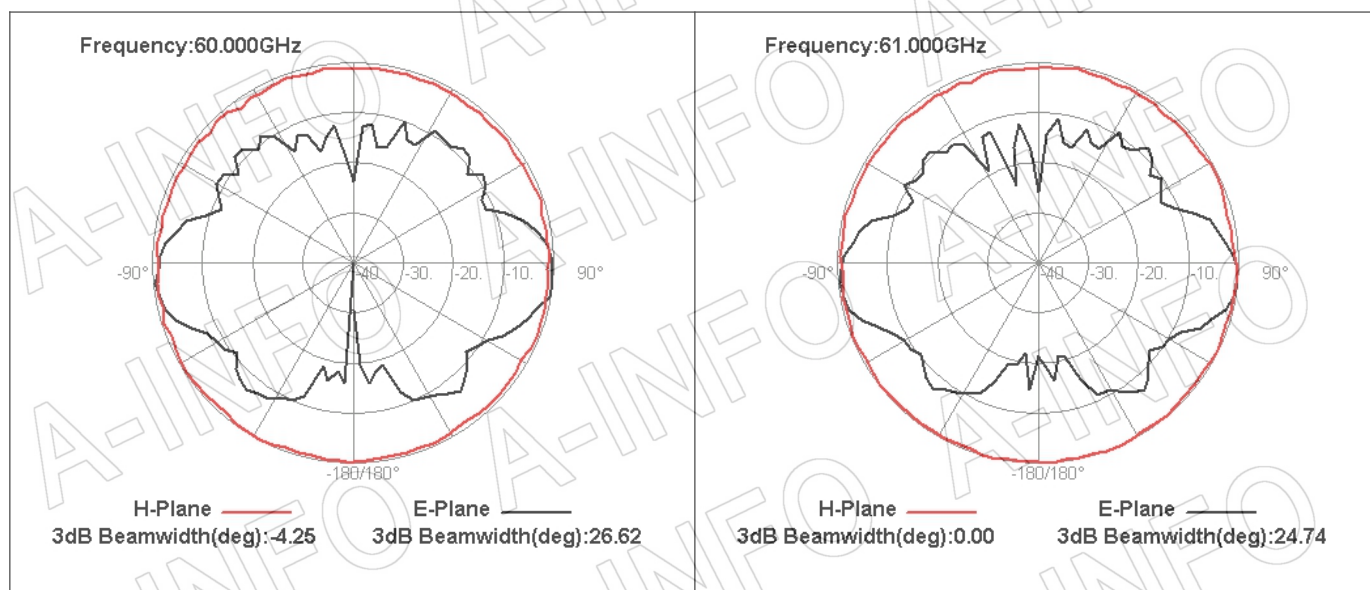


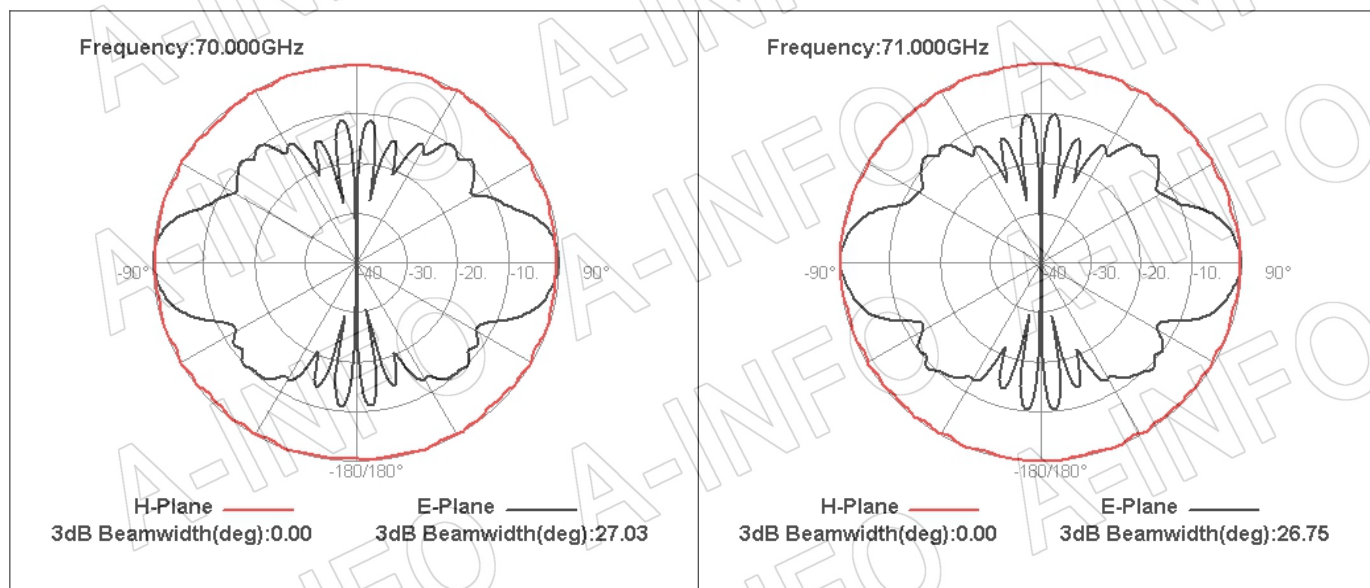
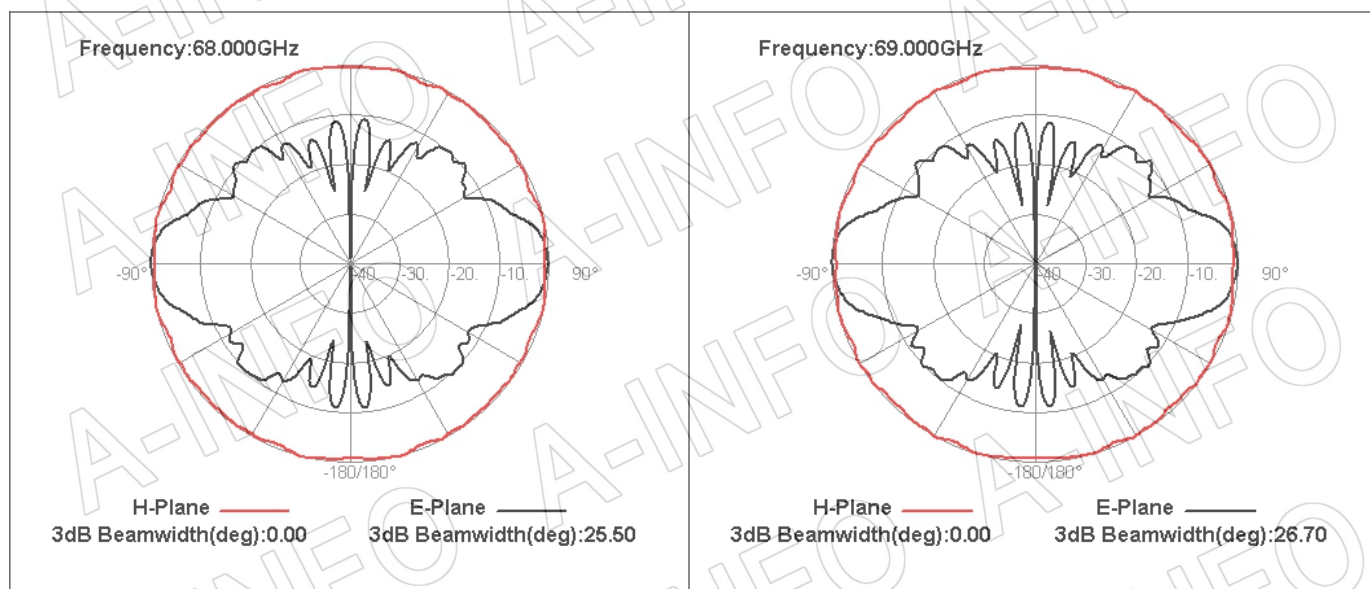
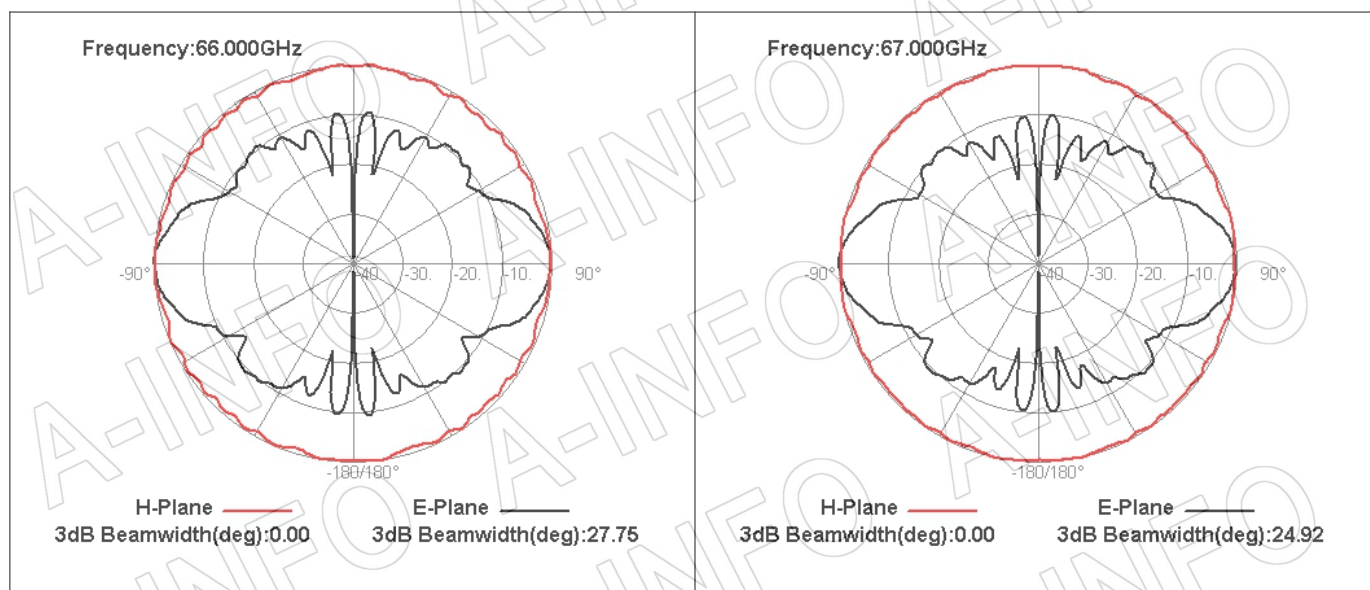


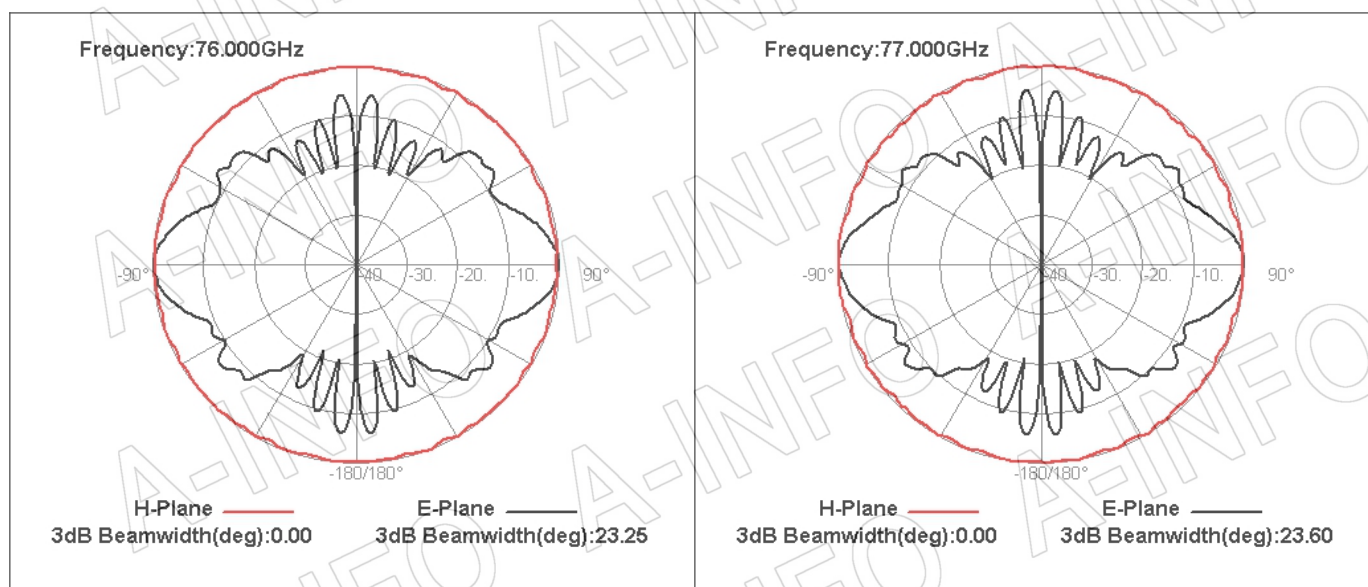
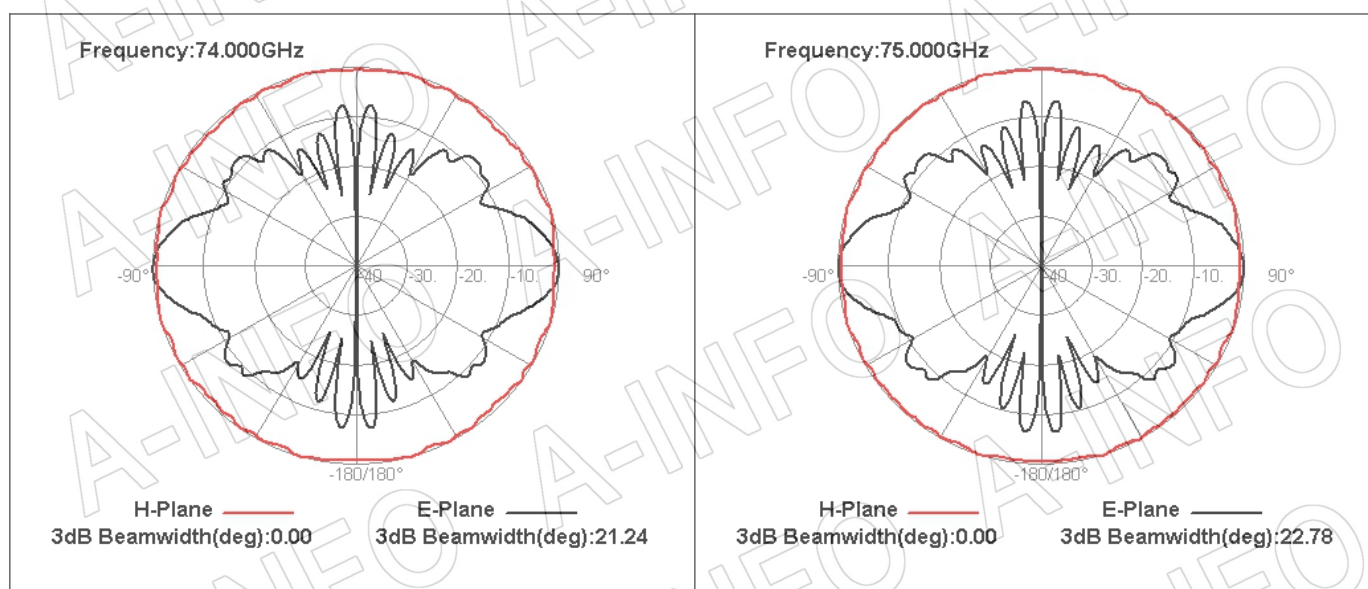
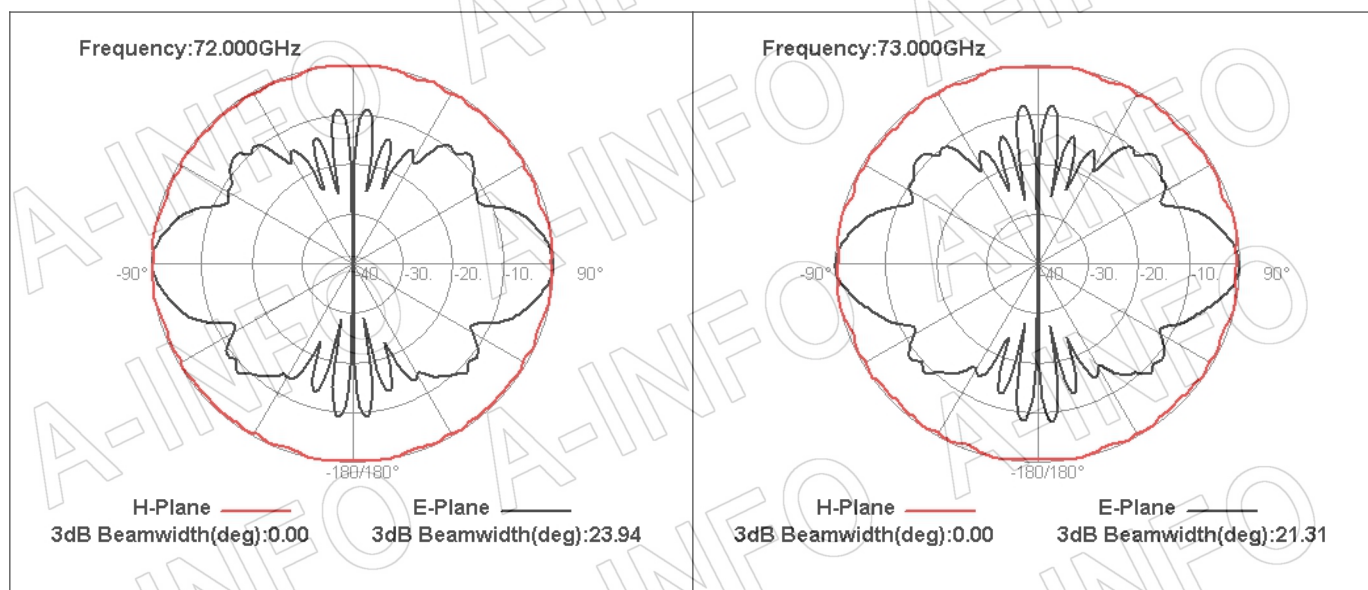


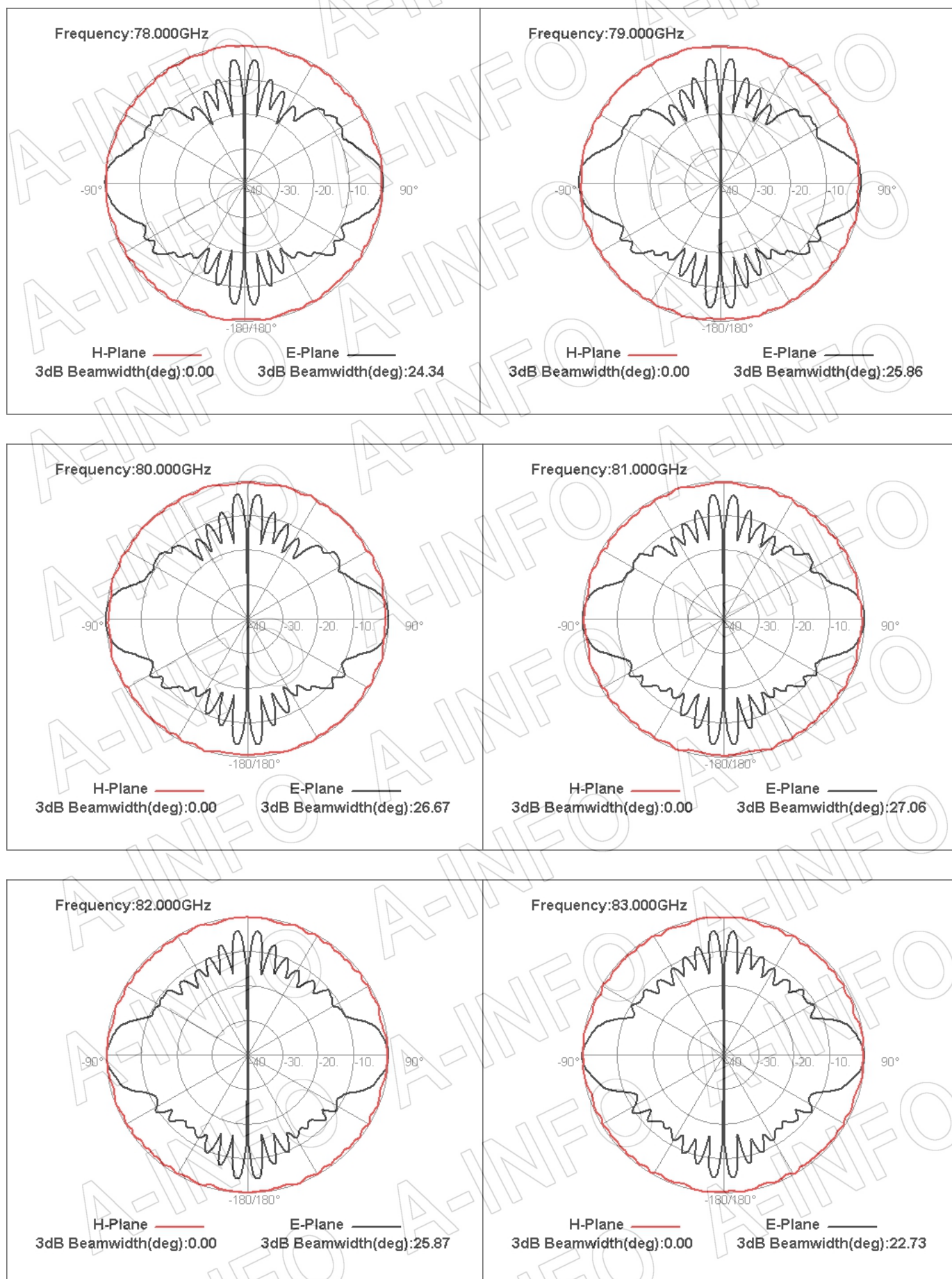




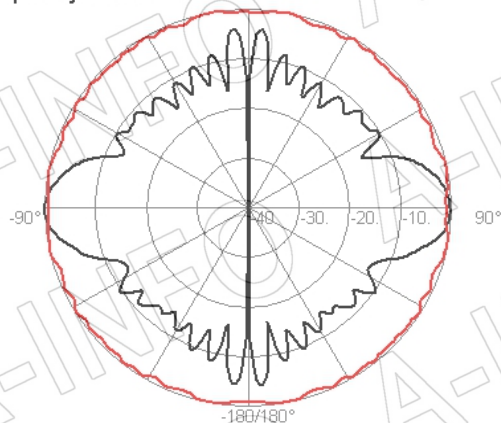






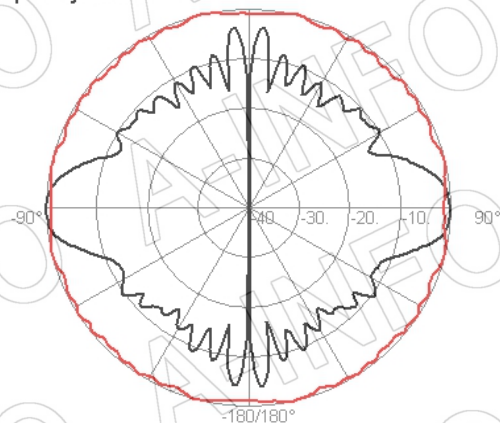


Frequency:84.000GHz



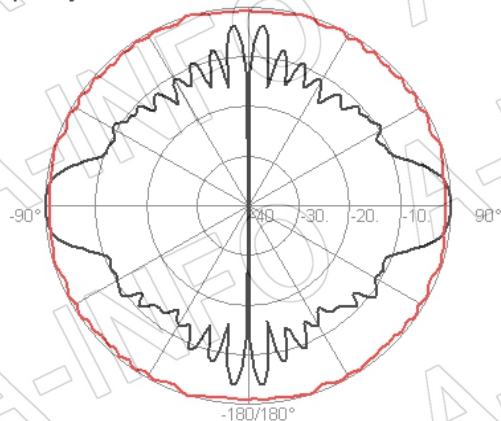
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):20.88

Frequency:85.000GHz



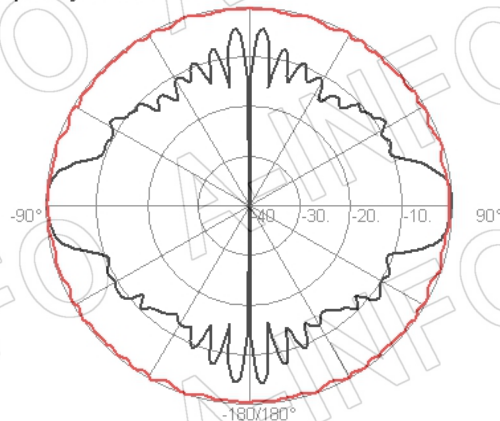
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):21.70

Frequency:86.000GHz



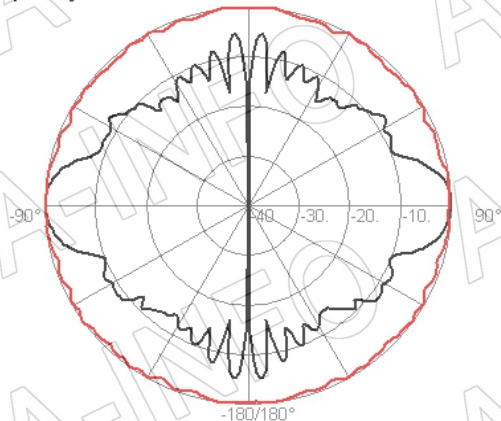
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):22.83

Frequency:87.000GHz



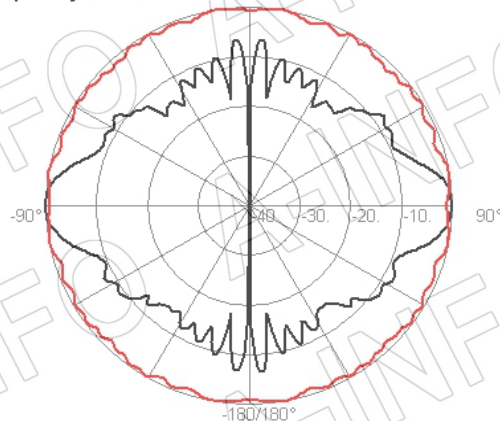
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):23.93

Frequency:88.000GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):23.63

Frequency:89.000GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):21.54

