

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

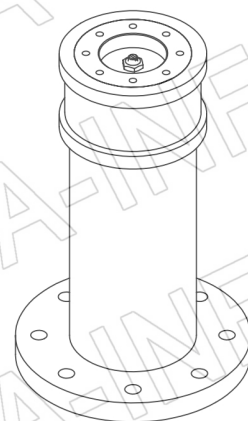
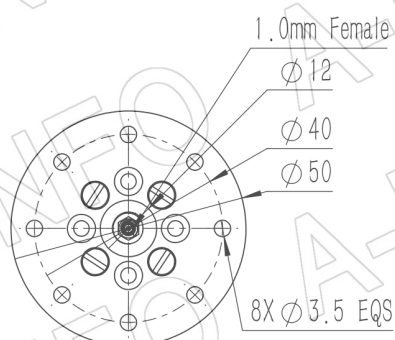
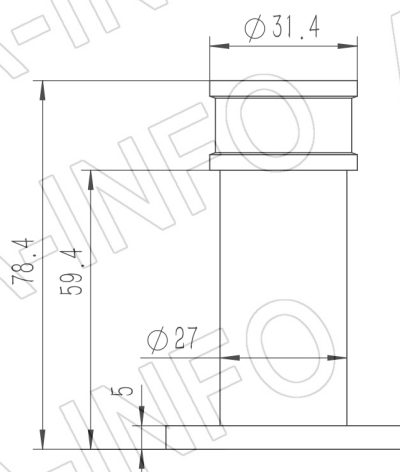
Technical Specification



Frequency Range(GHz)	9.0 - 90.0
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-9009000/P)



AINFO Inc.

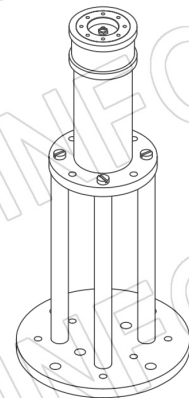
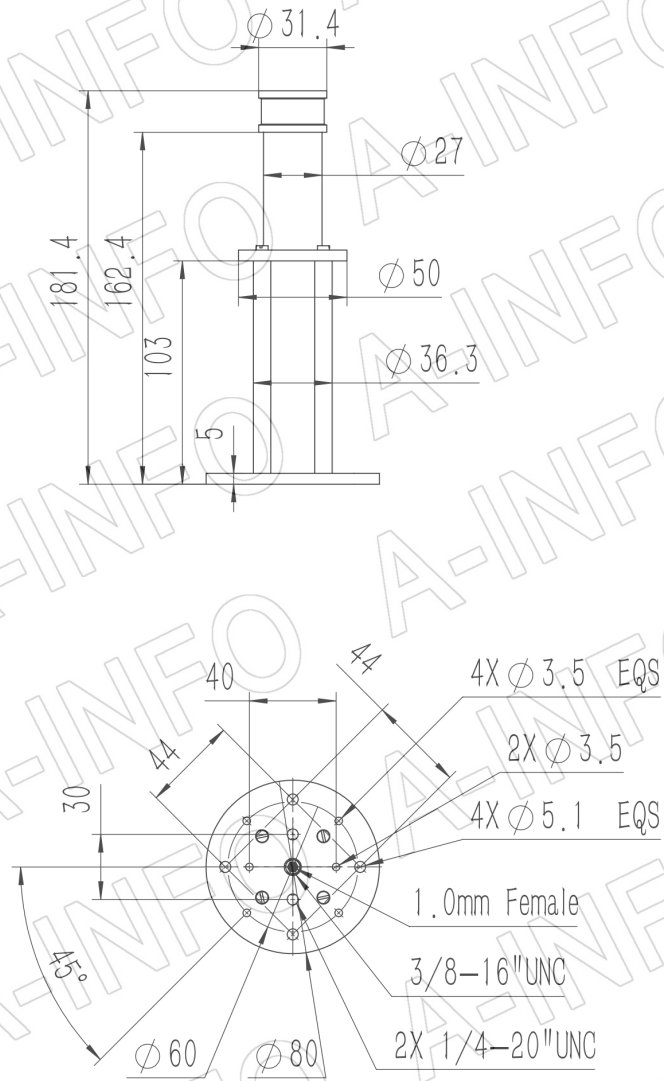
China(Beijing): Tel: (+86) 10-6266-7326,
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 USA : Tel: (+1) 949-639-9688,

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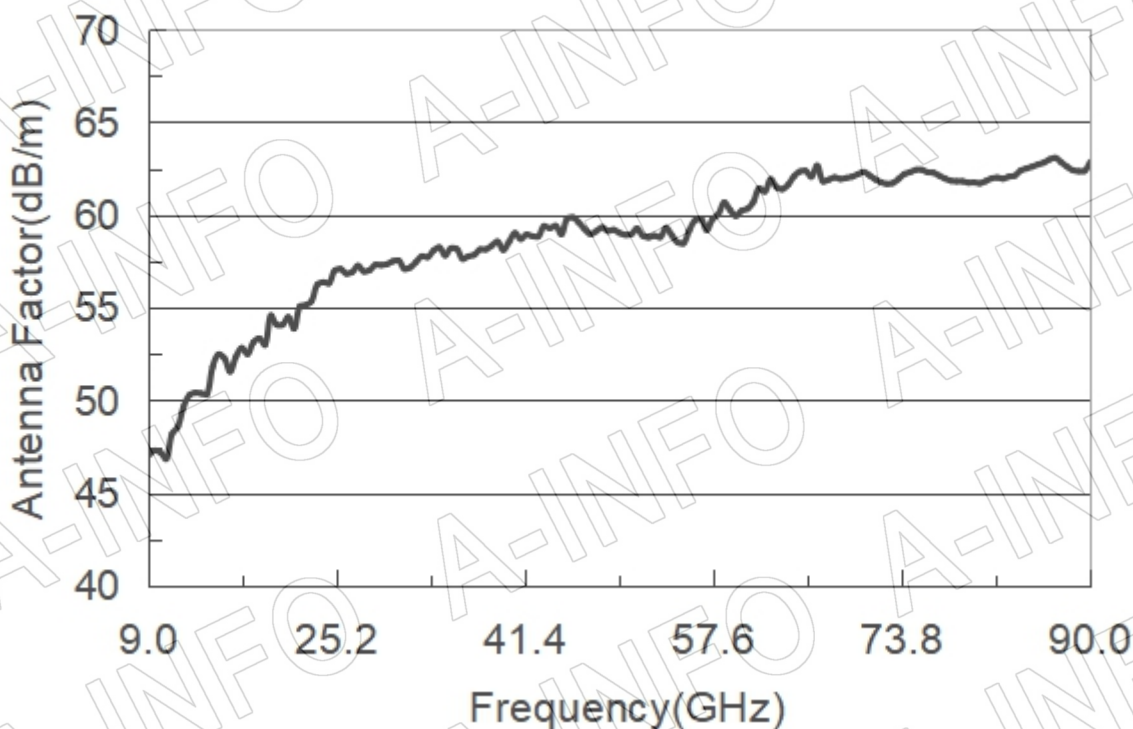
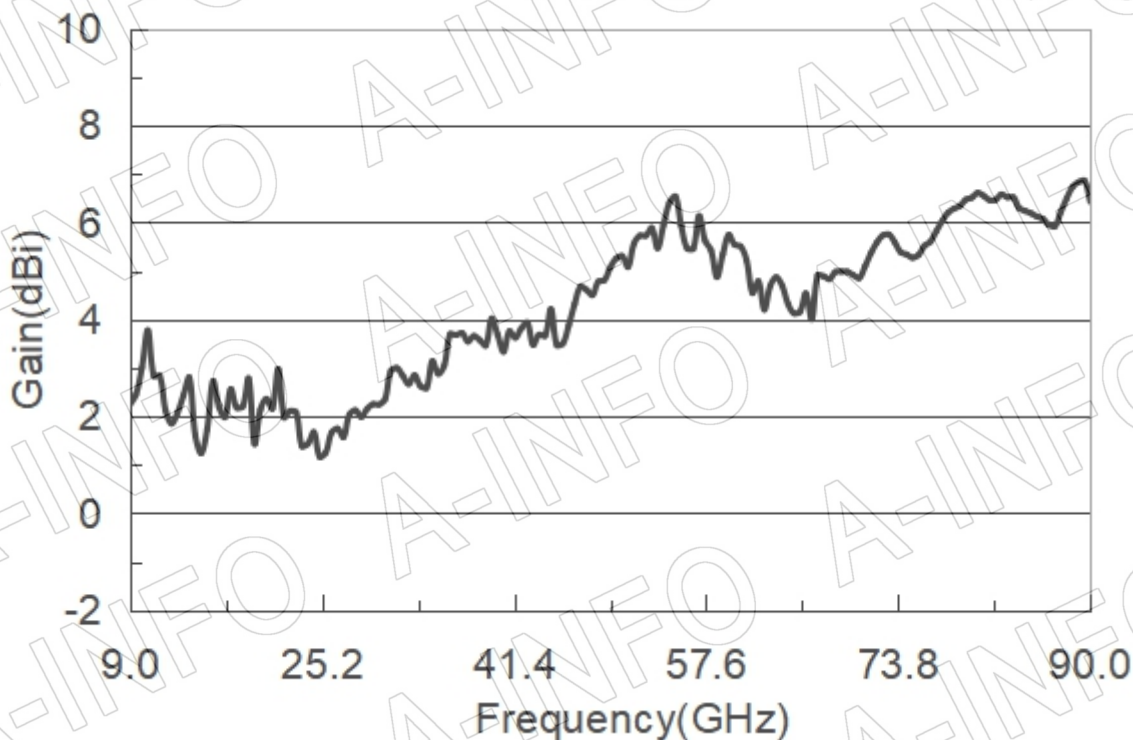
Website: www.ainfoinc.com
 Email: sales@ainfoinc.com

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

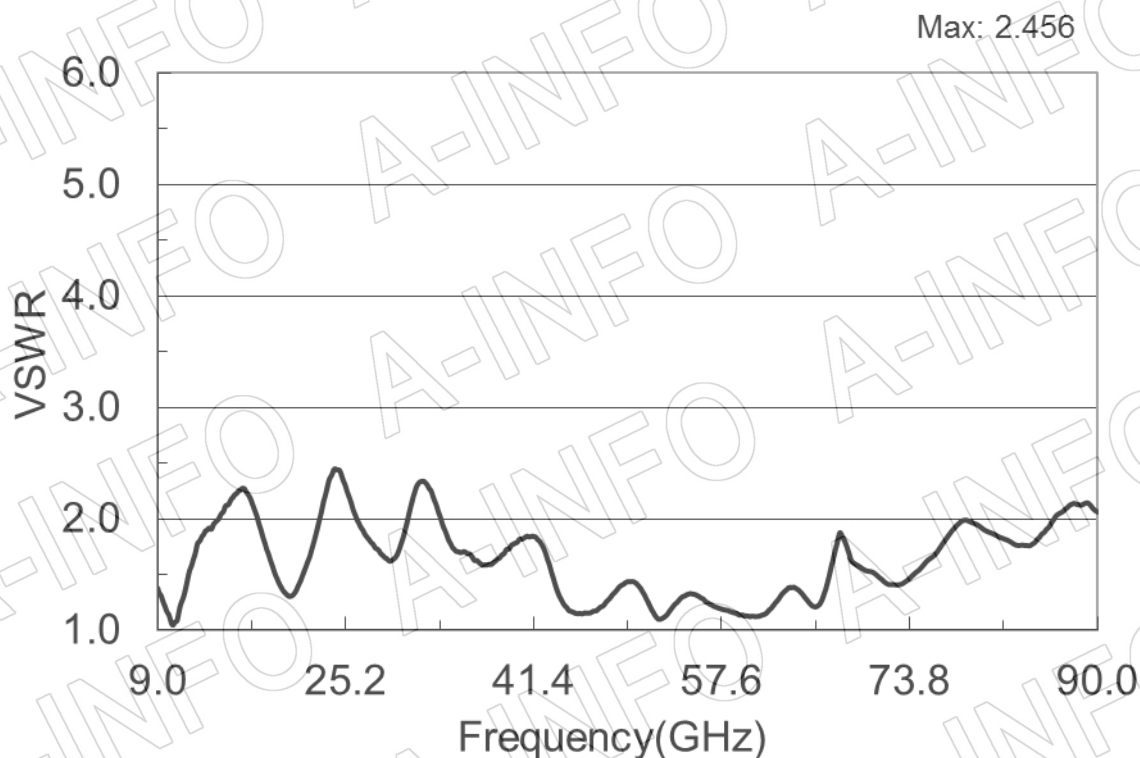


Test Results

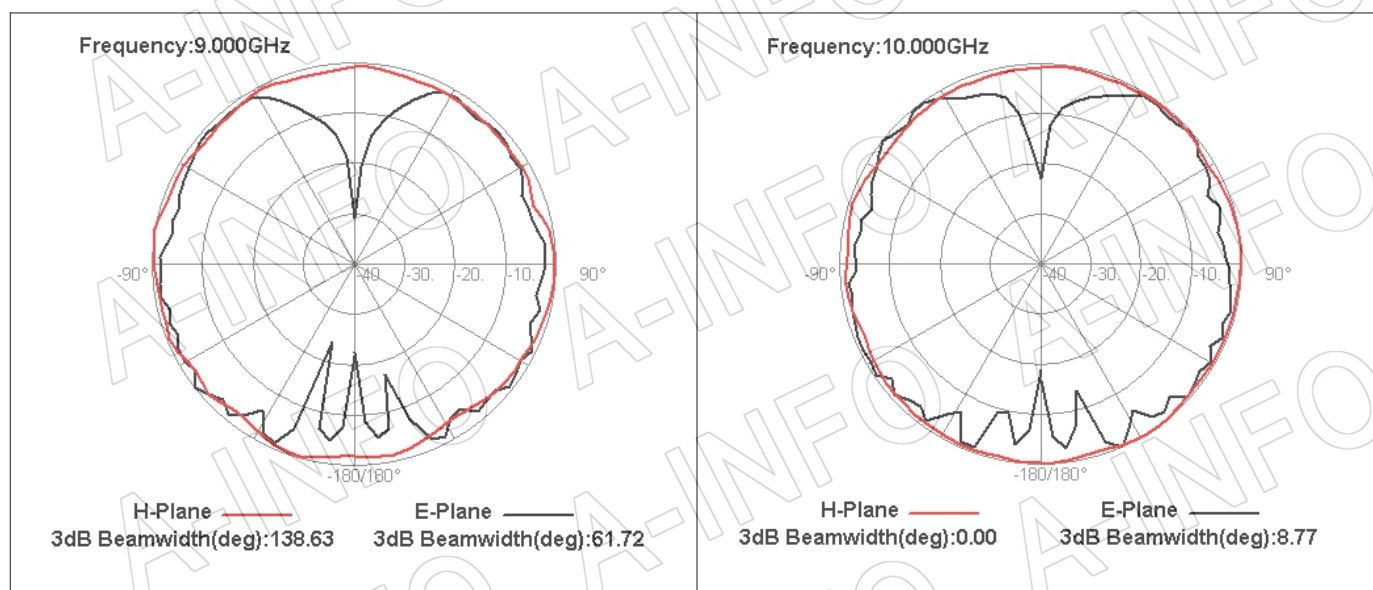
1. Gain & Antenna Factor

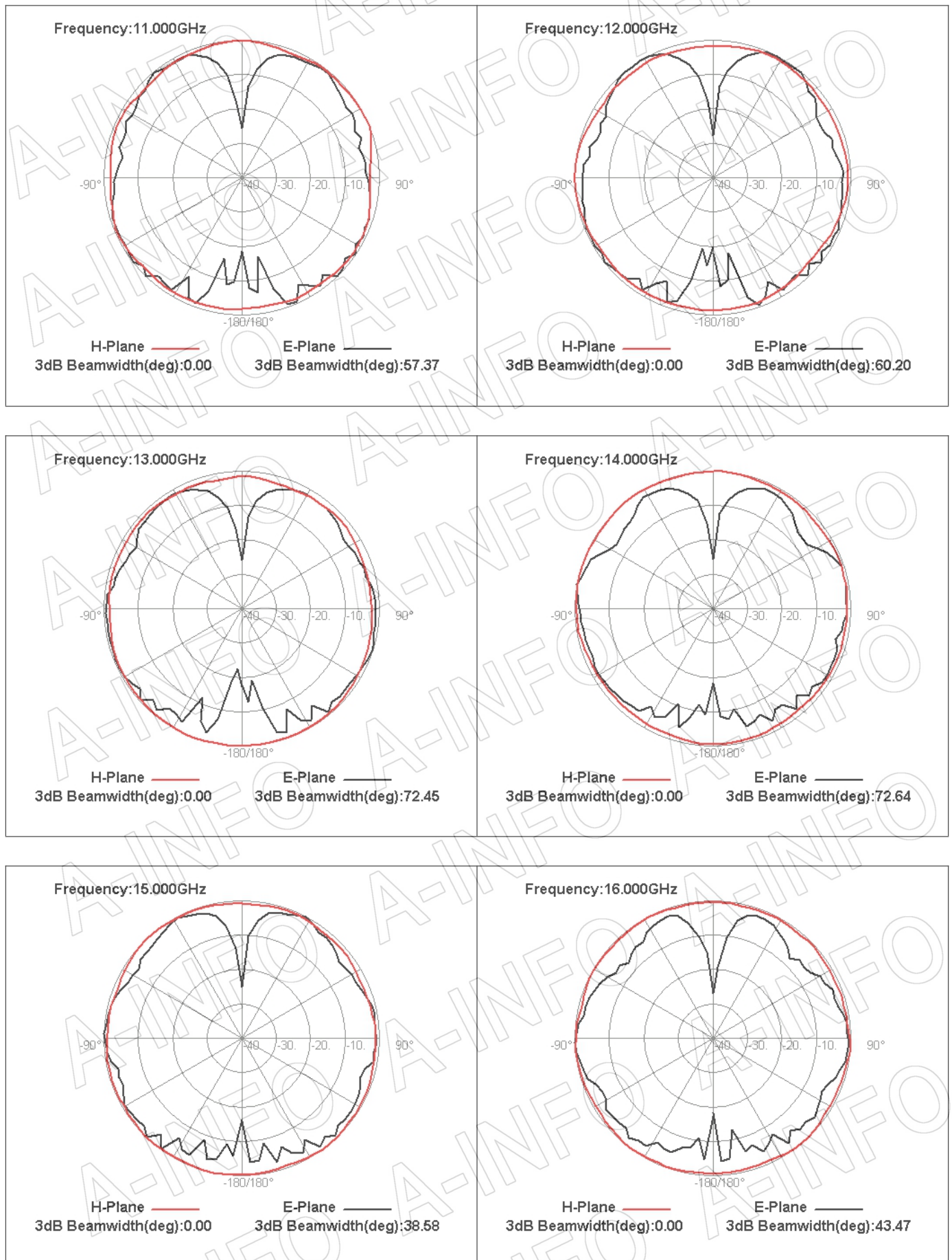


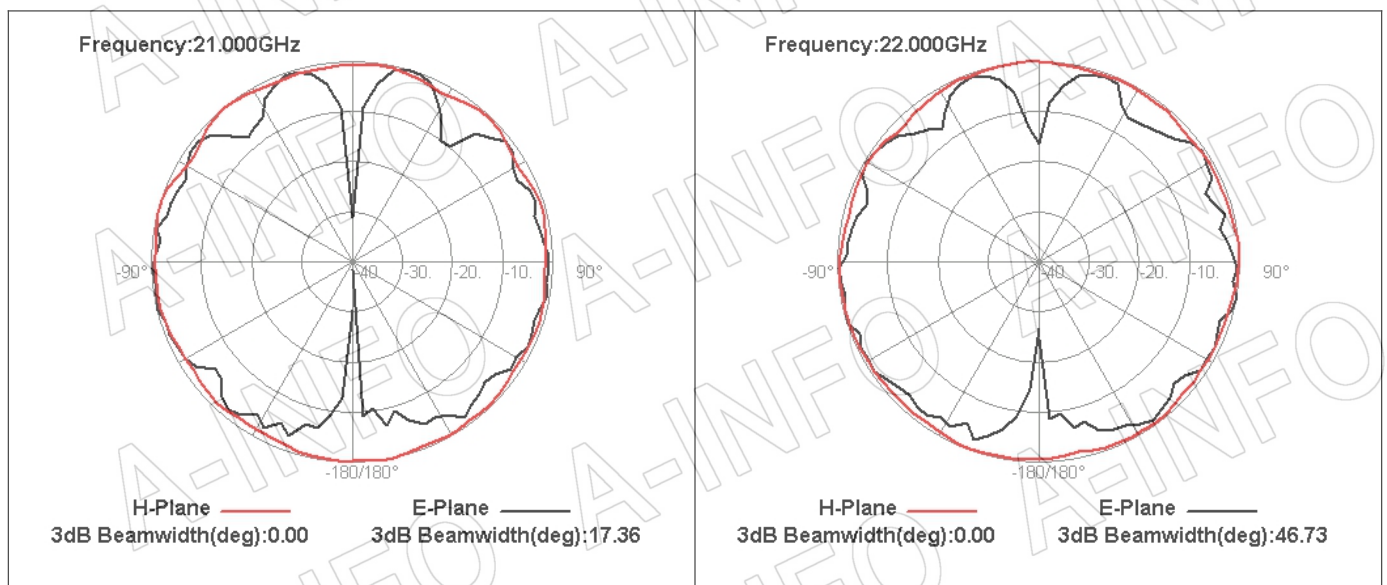
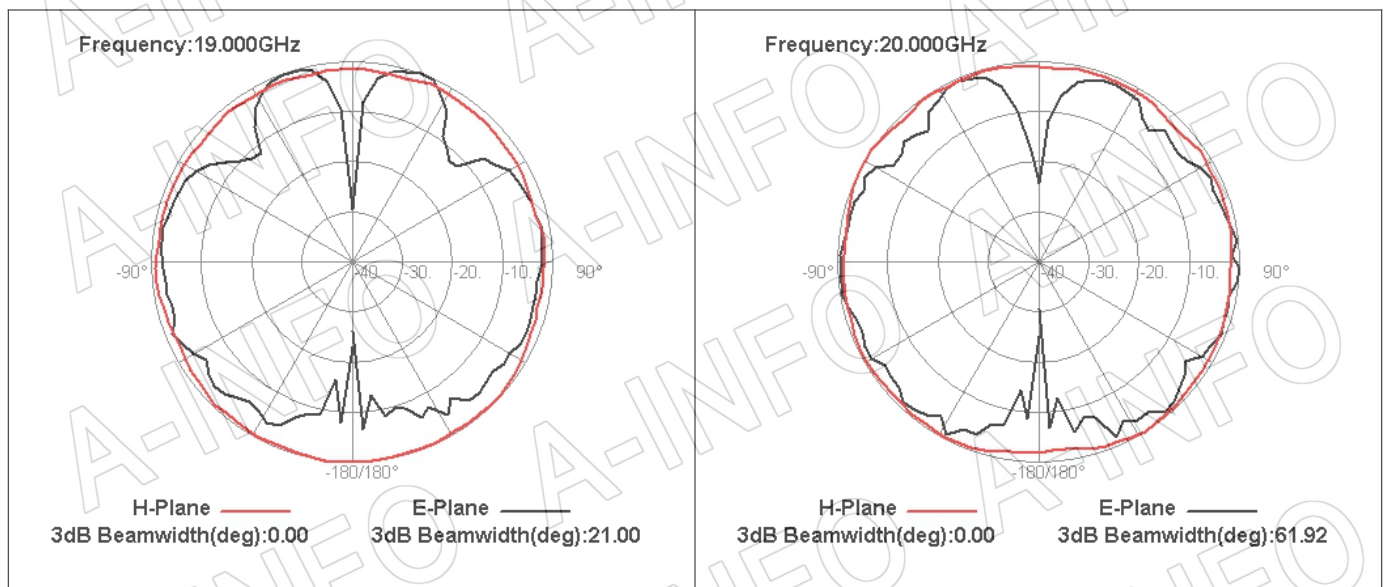
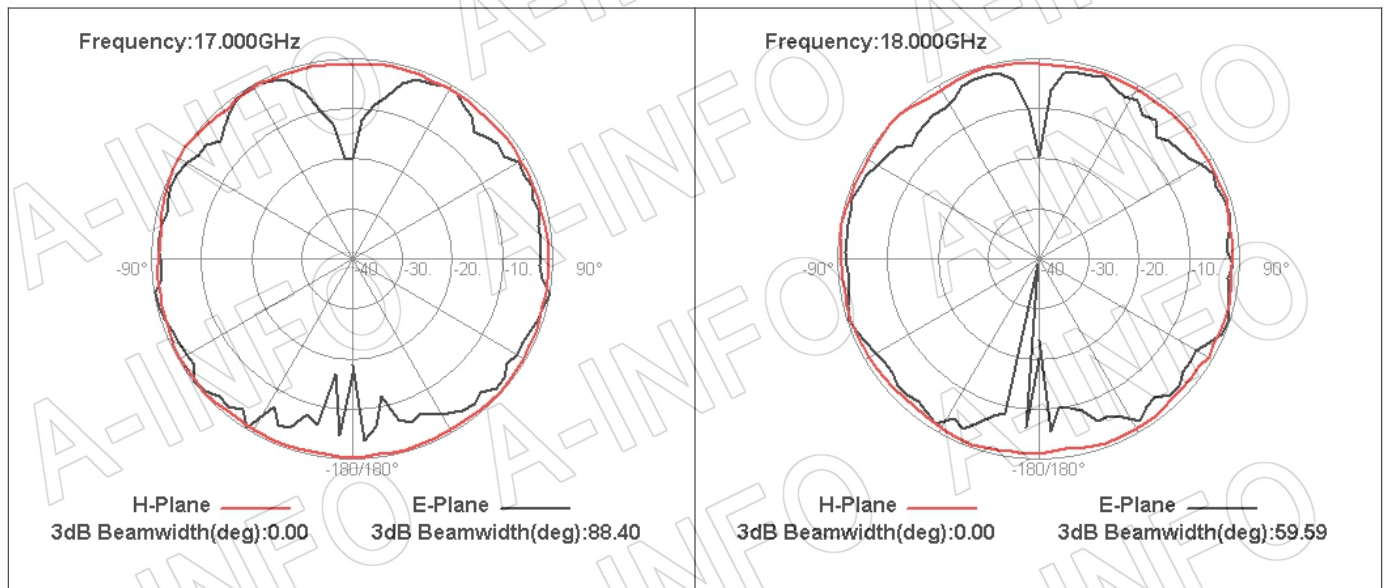
2. VSWR

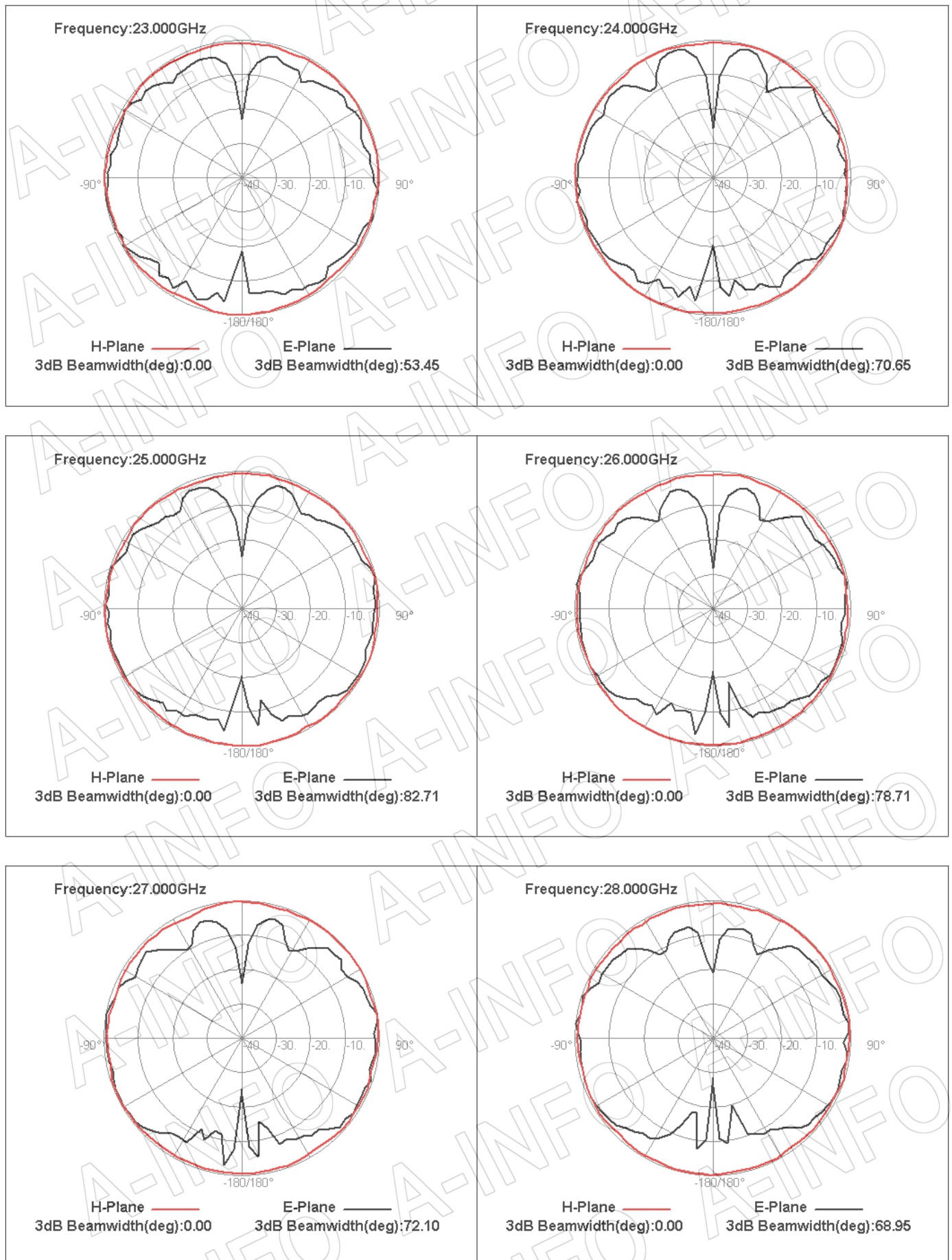


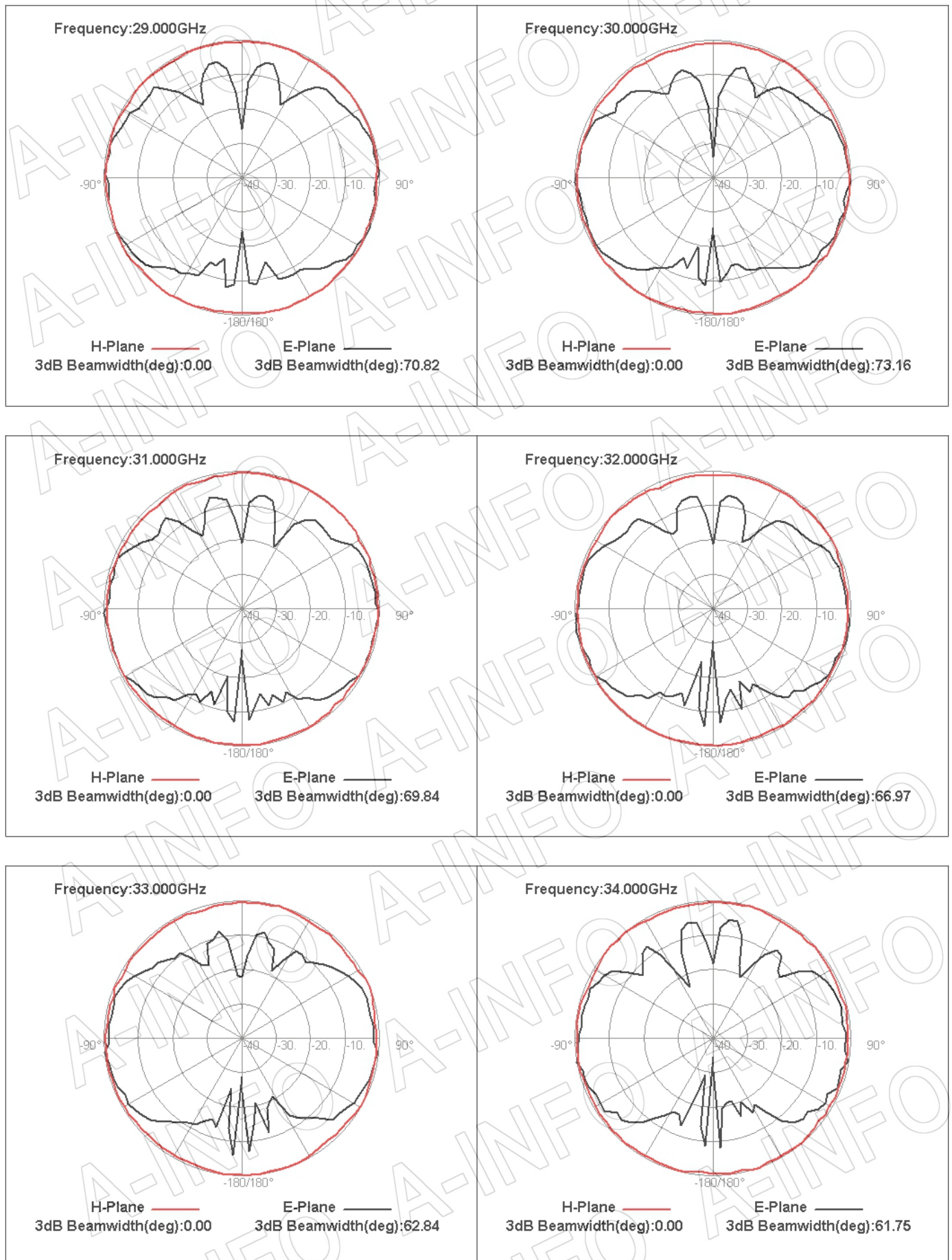
3. Pattern

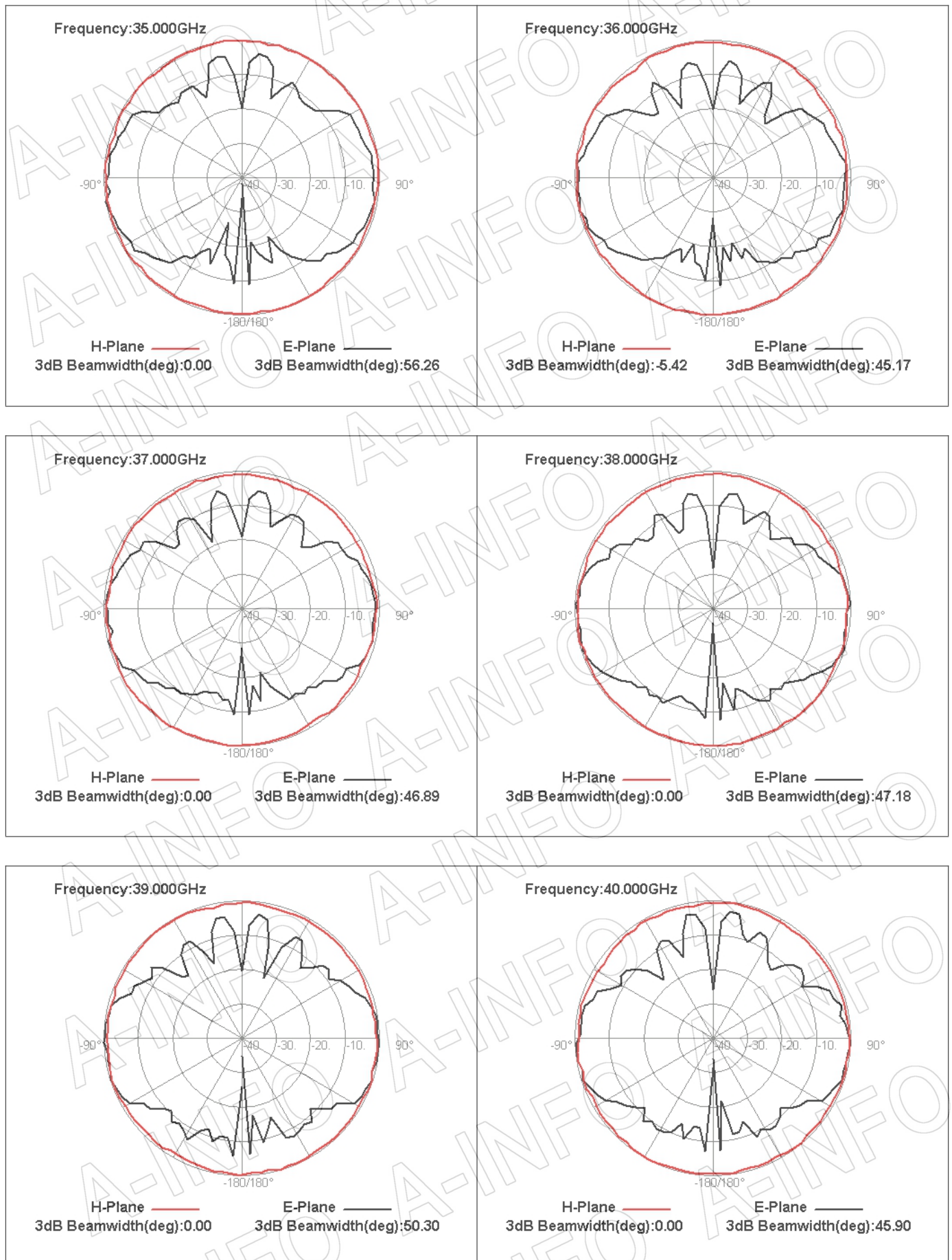


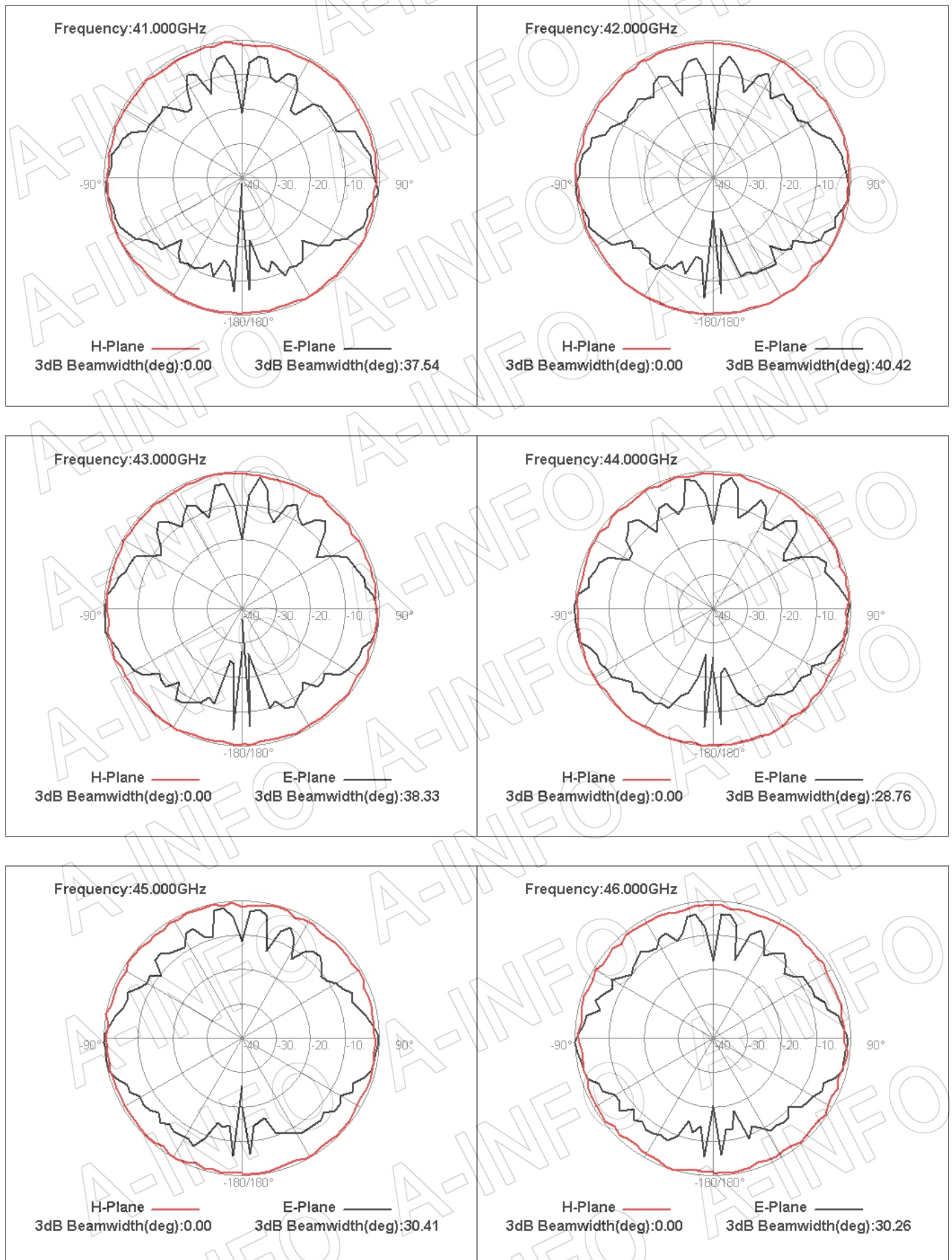


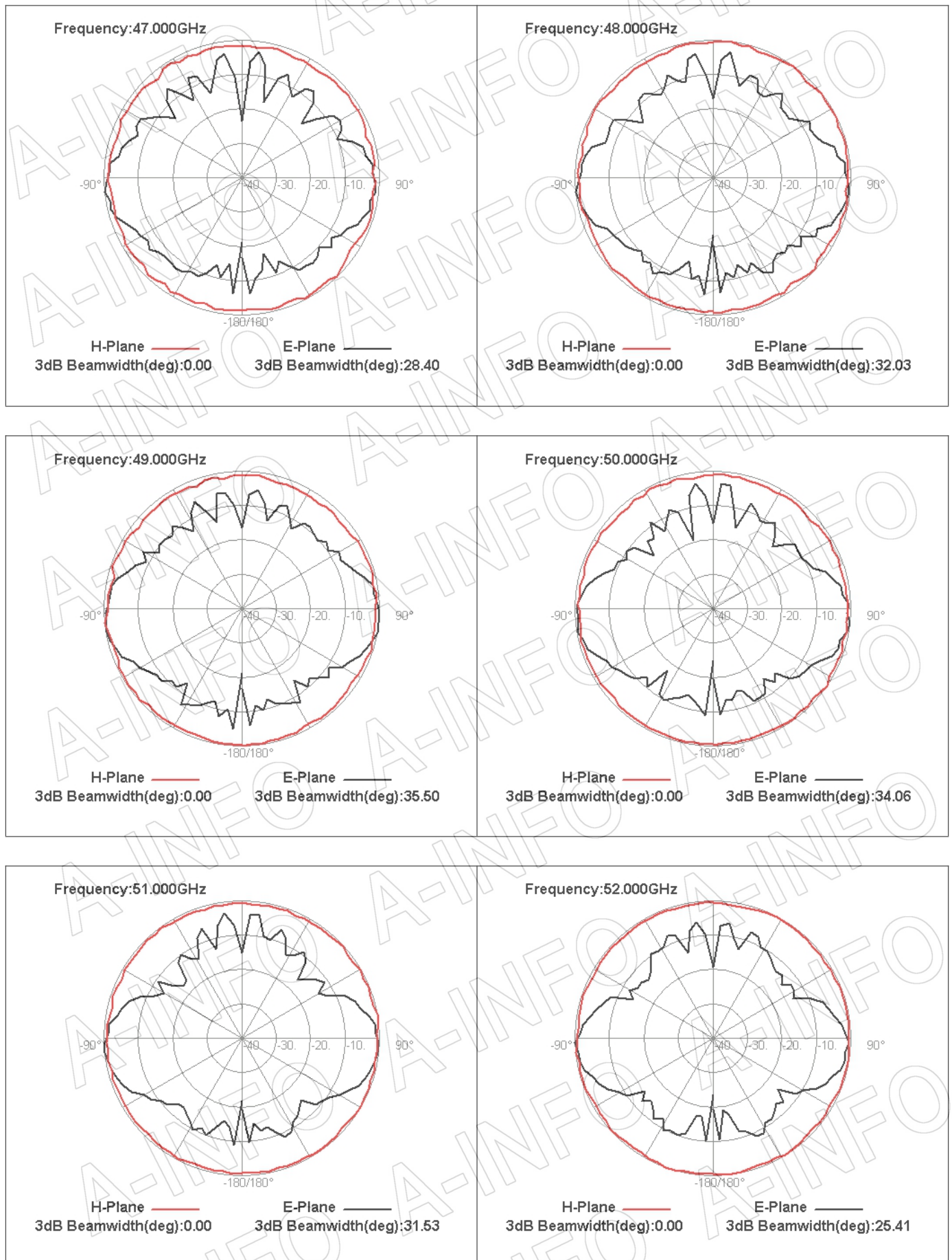


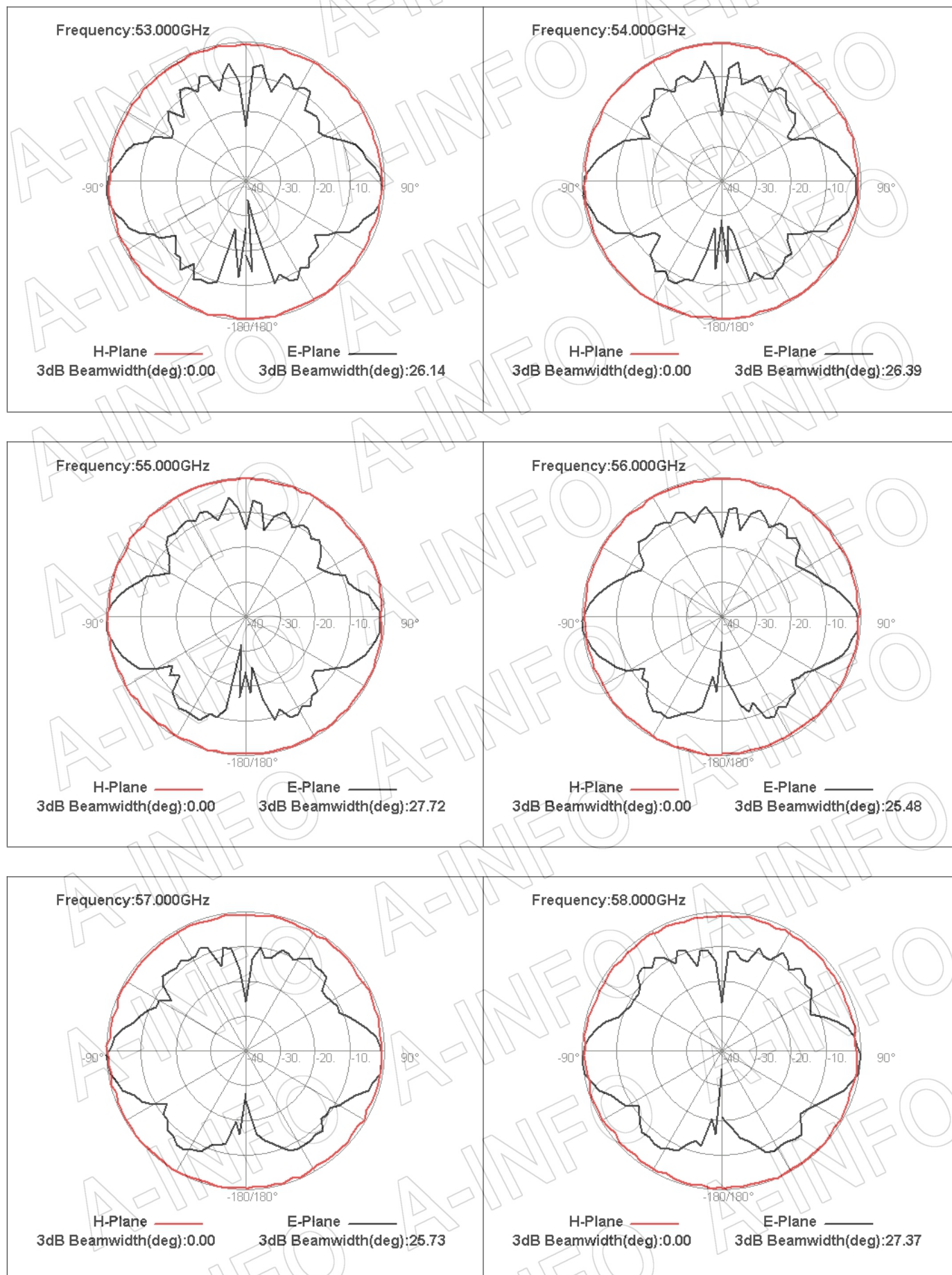


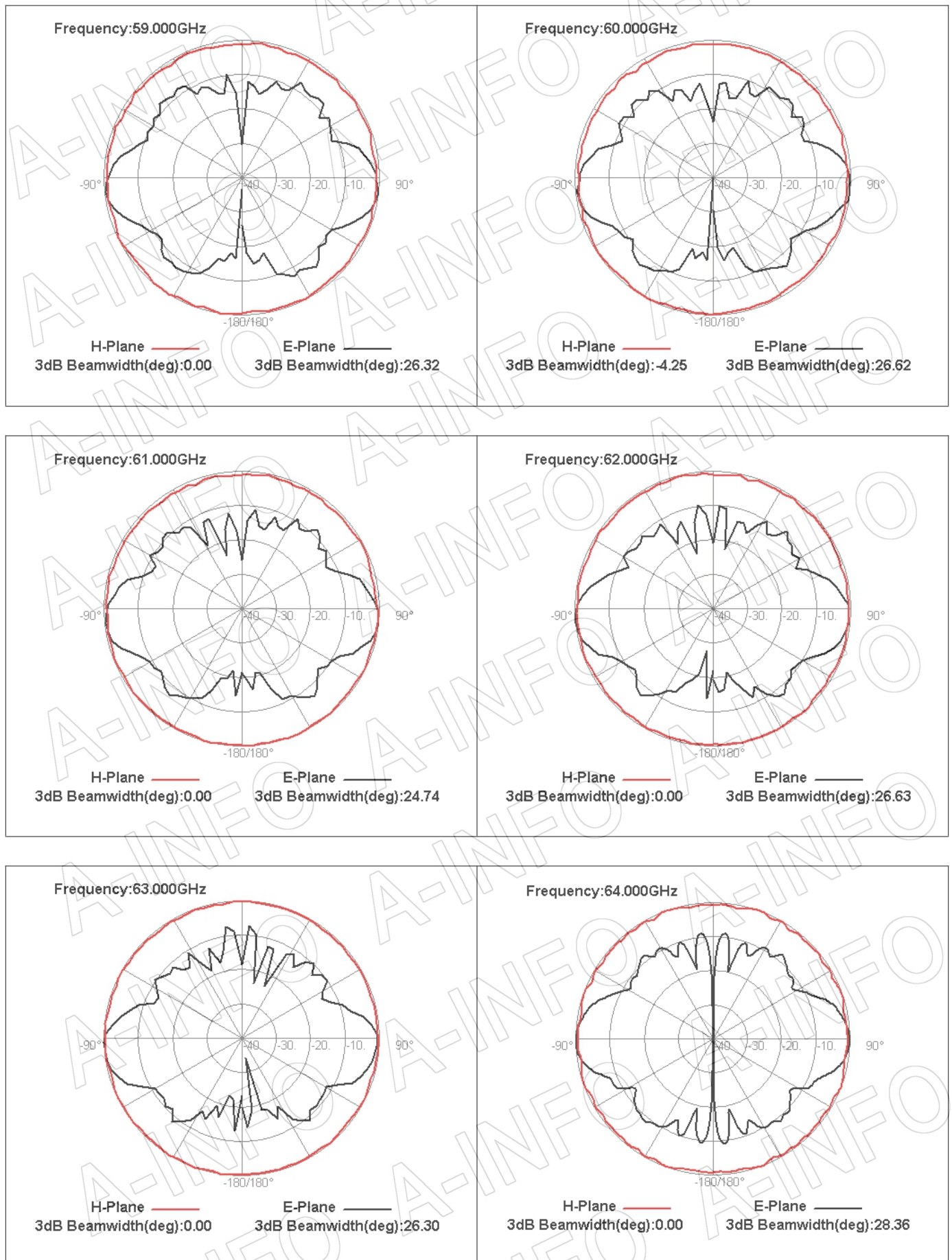


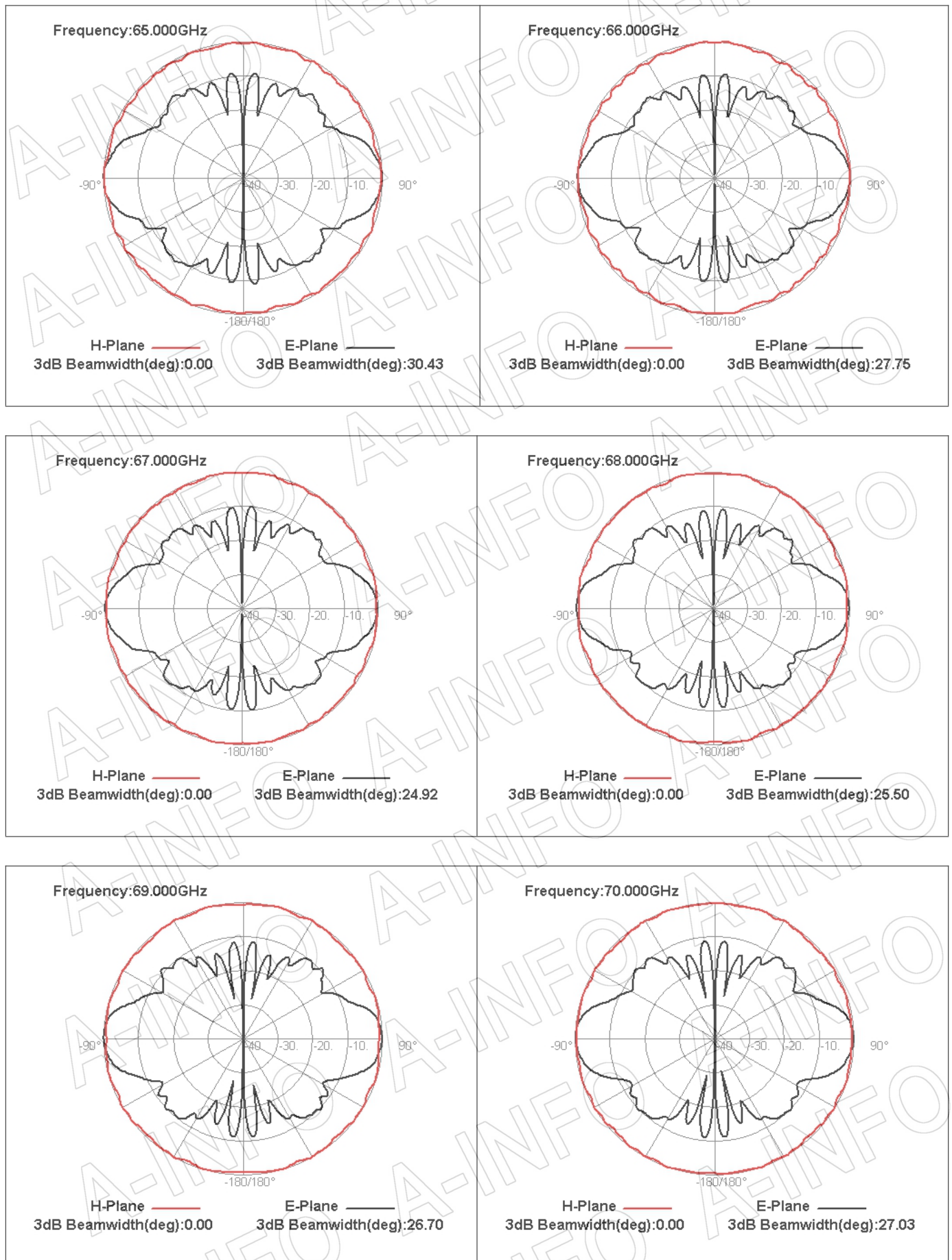


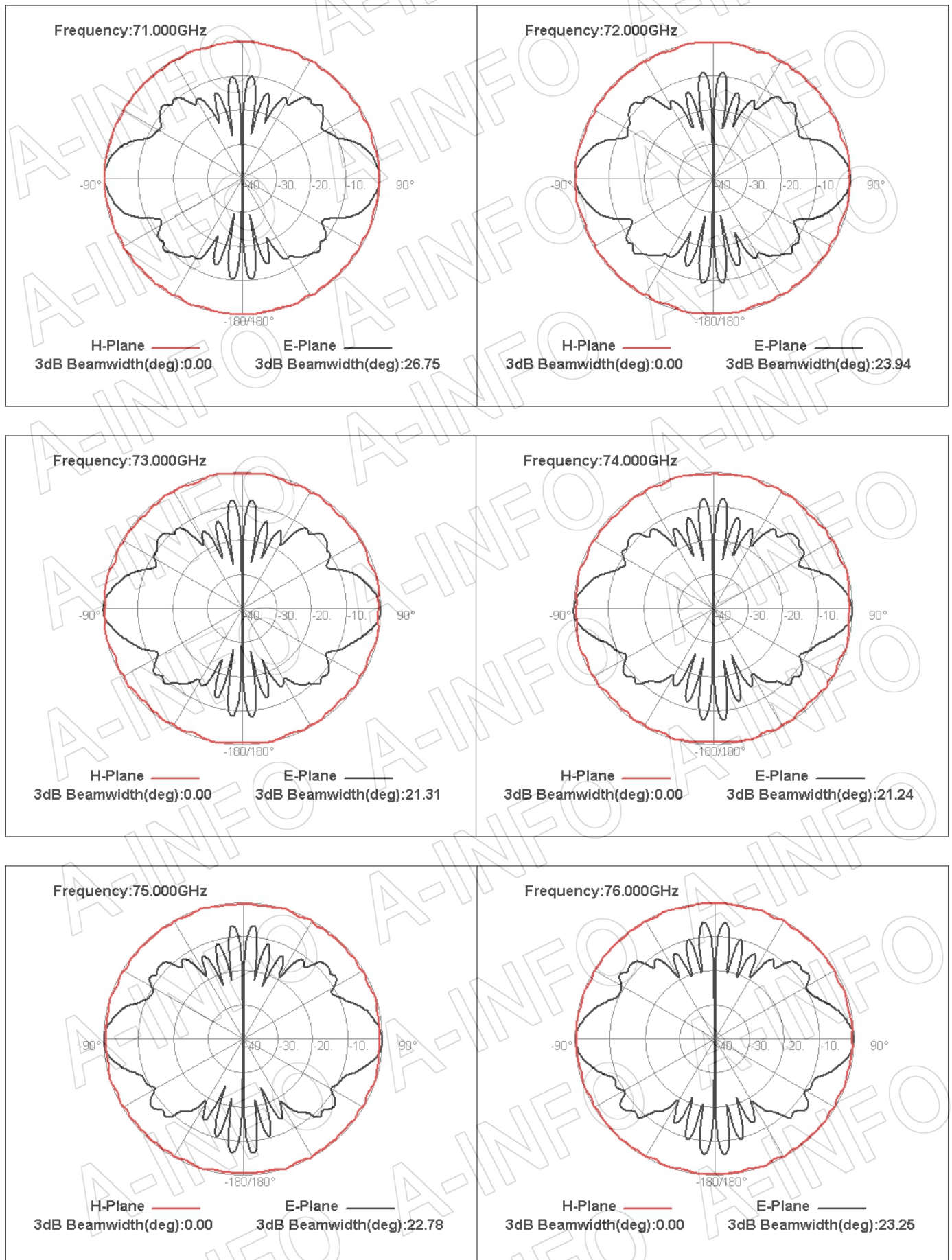




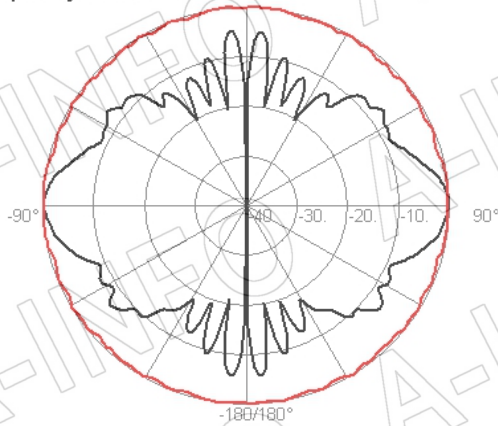






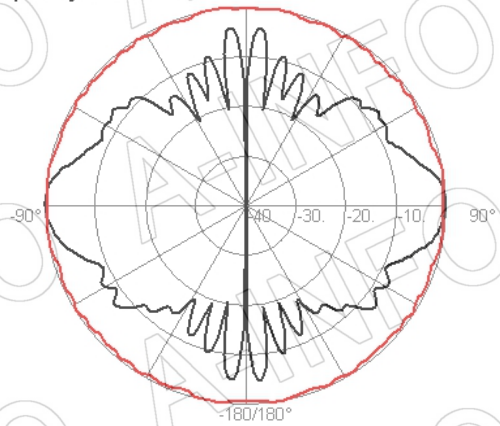


Frequency:77.000GHz



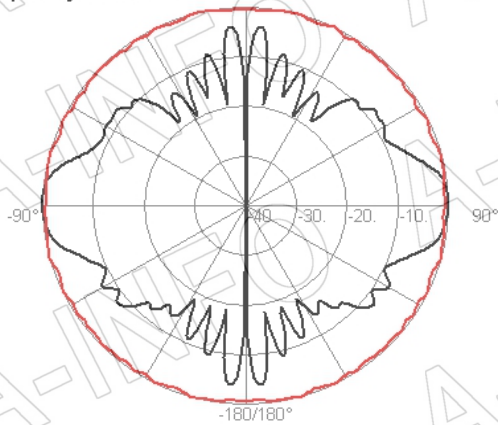
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):23.60

Frequency:78.000GHz



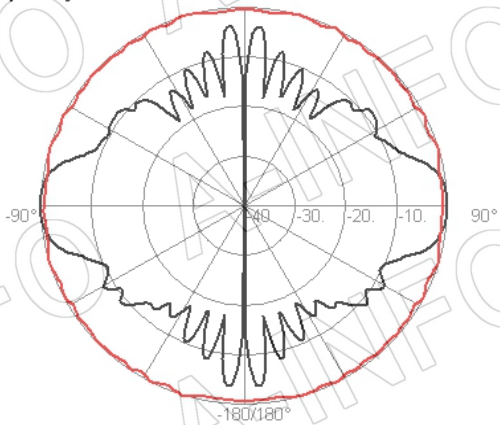
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):24.34

Frequency:79.000GHz



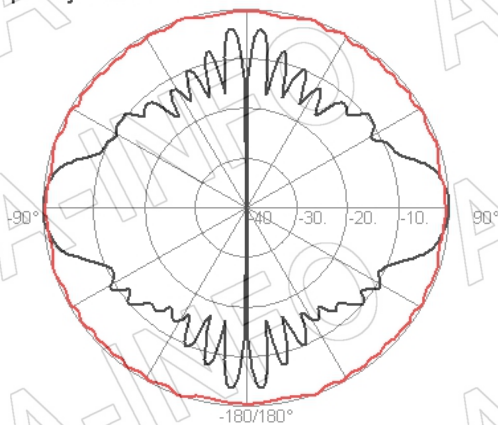
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):25.86

Frequency:80.000GHz



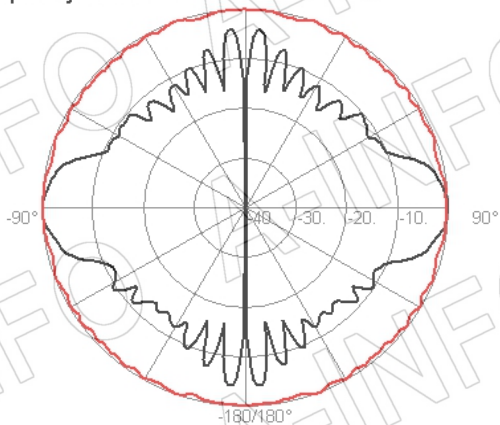
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):26.67

Frequency:81.000GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):27.06

Frequency:82.000GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):0.00 3dB Beamwidth(deg):25.87

