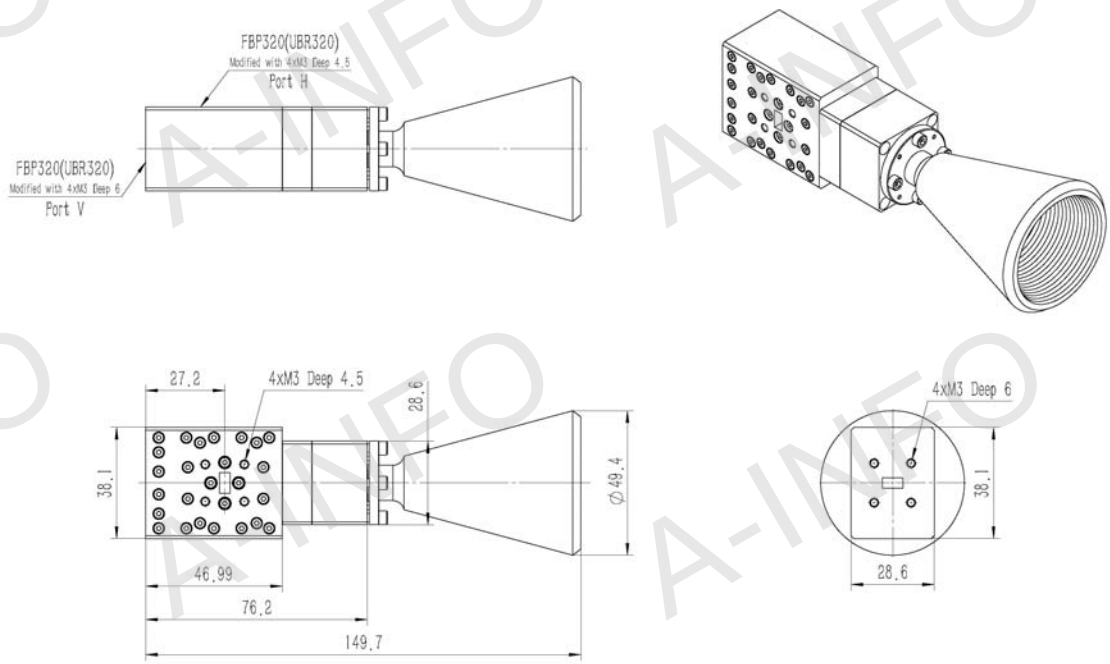
Technical Specification

Frequency Range(GHz)	A Type, WG output:	23.5 – 43.5
	C Type, 2.4mm-F:	23.5 – 43.5
	C Type, 2.92mm-F:	23.5 – 40.0
Waveguide	WR28	
Gain(dBi)	20 Typ.	
Polarization	Dual Linear	
3dB Beamwidth(deg)	E Plane:	16 Typ.
	H Plane:	17 Typ.
Cross Pol. Isolation(dB)	40 Typ.	
	30 Min.	
Port to Port Isolation(dB)	50 Typ.	
	40 Min.	
VSWR	A Type:	1.80:1 Typ.
	C Type:	1.80:1 Typ.
Output	A Type:	FBP320(UBR320) (Modified with 4xM3)
	C Type:	2.4mm-Female or 2.92mm-Female
Material	Al	
Size(mm)	A Type:	49.4 x49.4 x 149.7
	C Type:	61.9 x 49.4 x 172.54
Net Weight(Kg)	A Type:	0.27 Around
	C Type:	0.34 Around

Outline Drawing (Size: mm)

FBP320 Output (P/N: LB-CH-28-20-T62-A)



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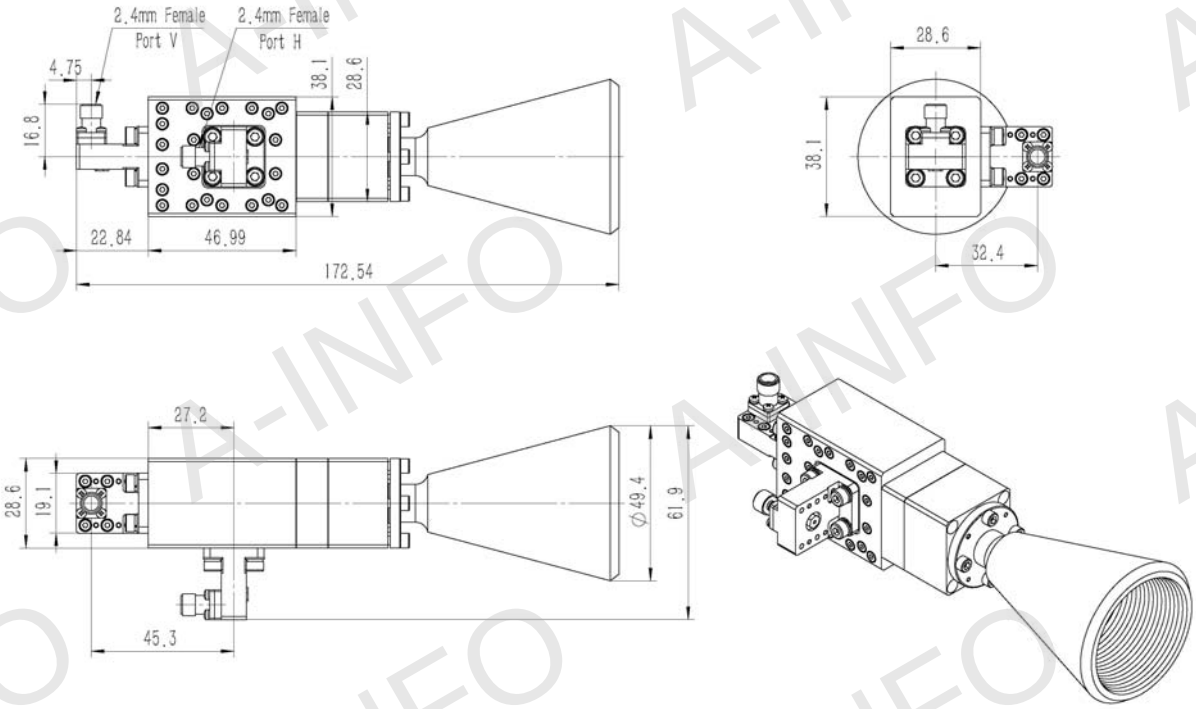
2.4mm-Female Output (P/N: LB-CH-28-20-T62-C-2.4F)

For 2.92mm-Female output outline drawing, please contact A-INFO.



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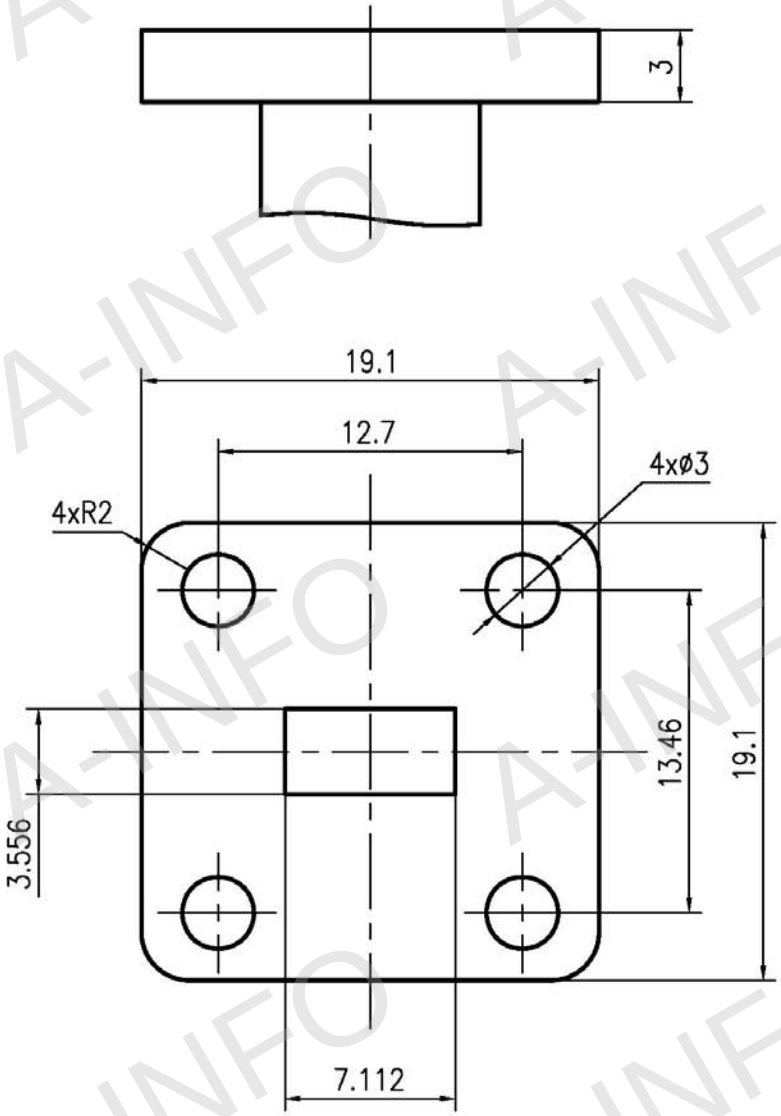
Flange Drawing (Size: mm)



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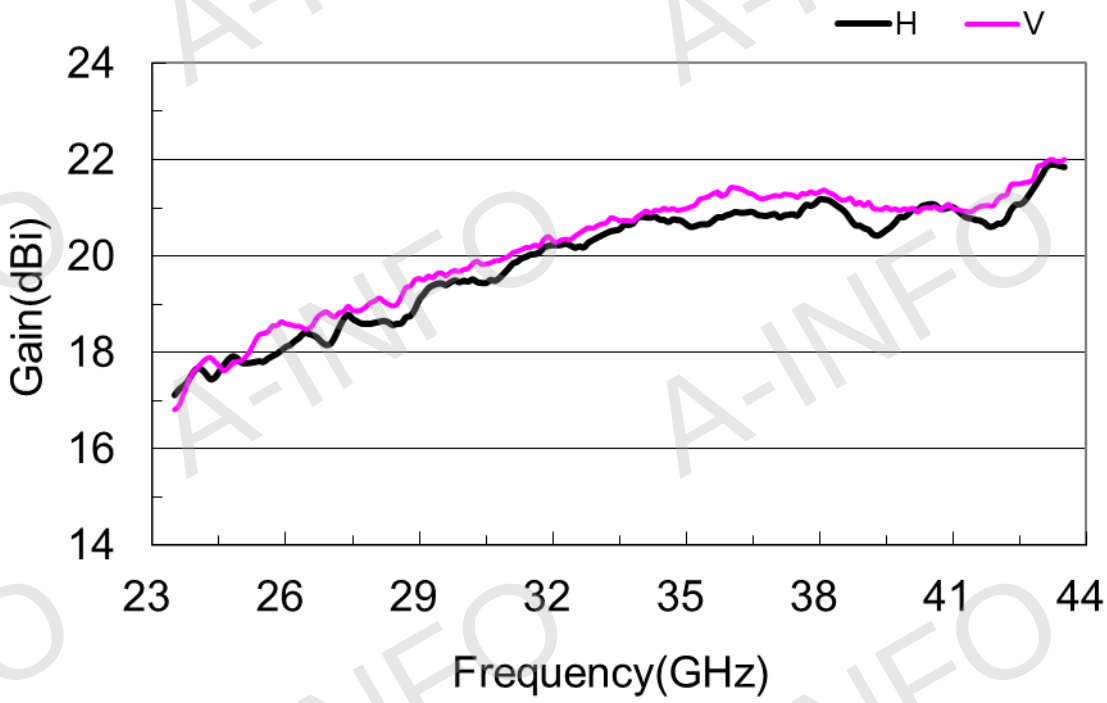
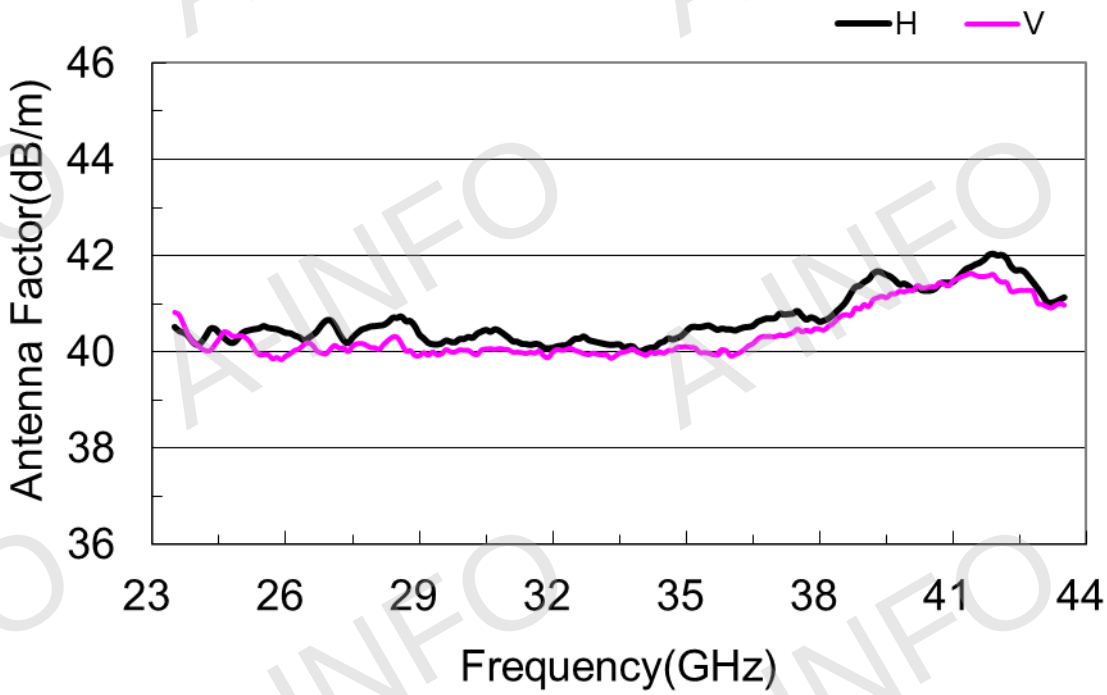
Test Results

1. Gain and Antenna Factor





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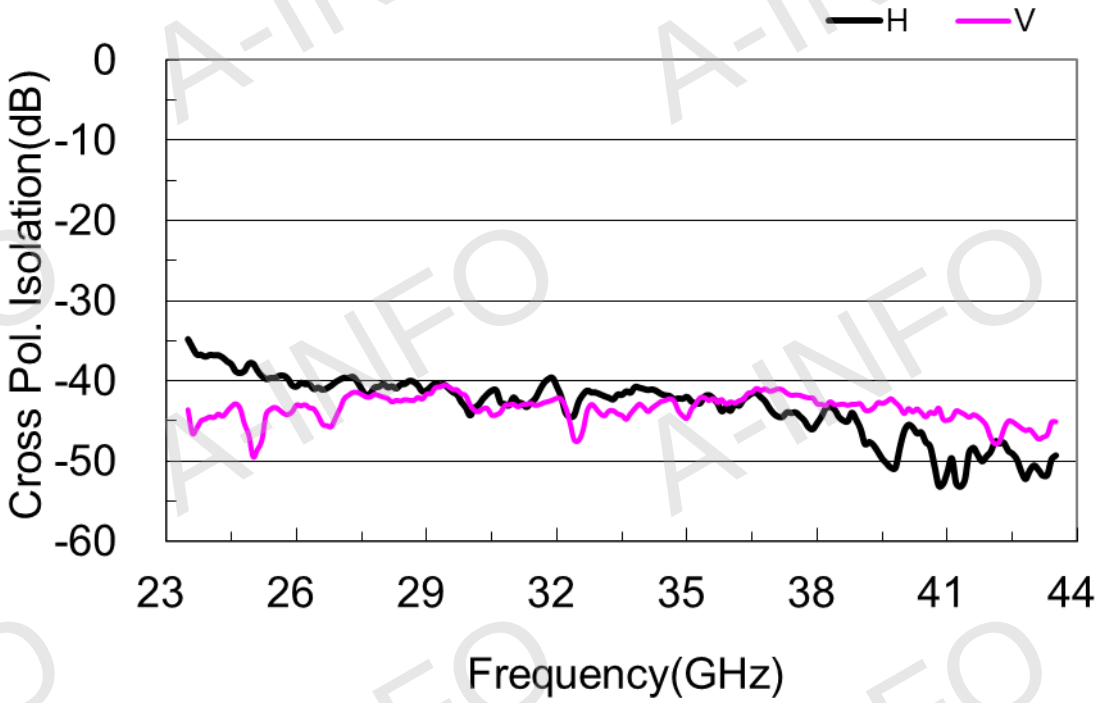
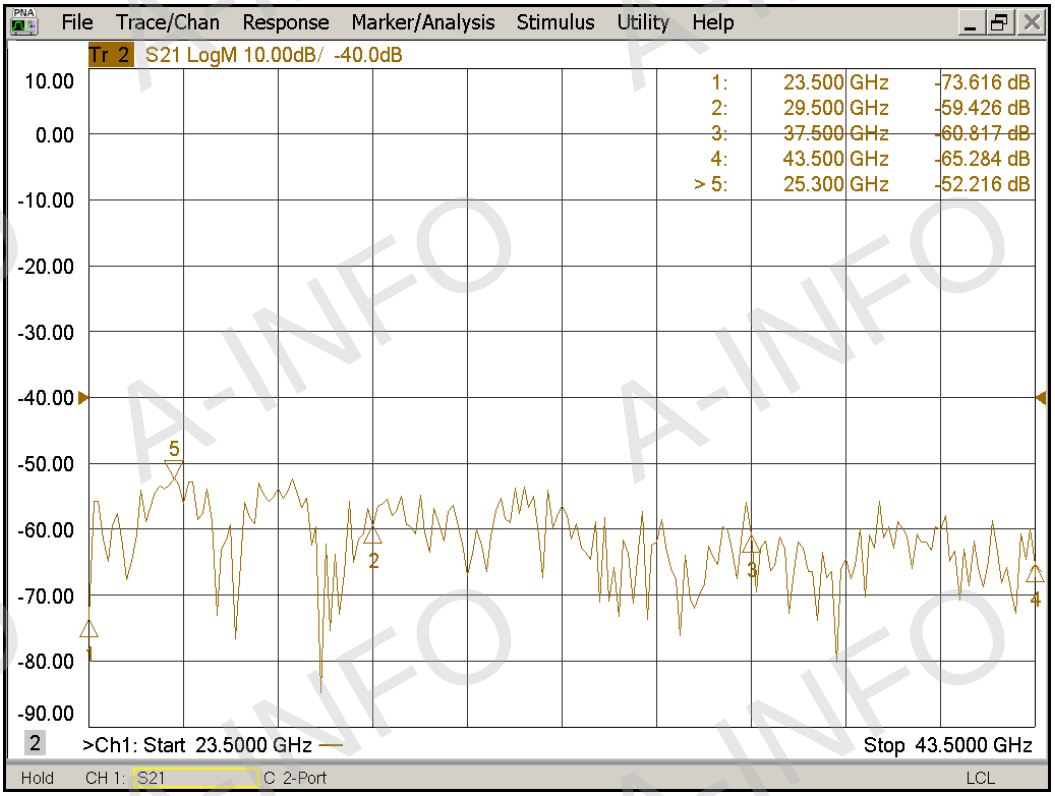
2. Cross Polarization Isolation



3. Port to Port Isolation



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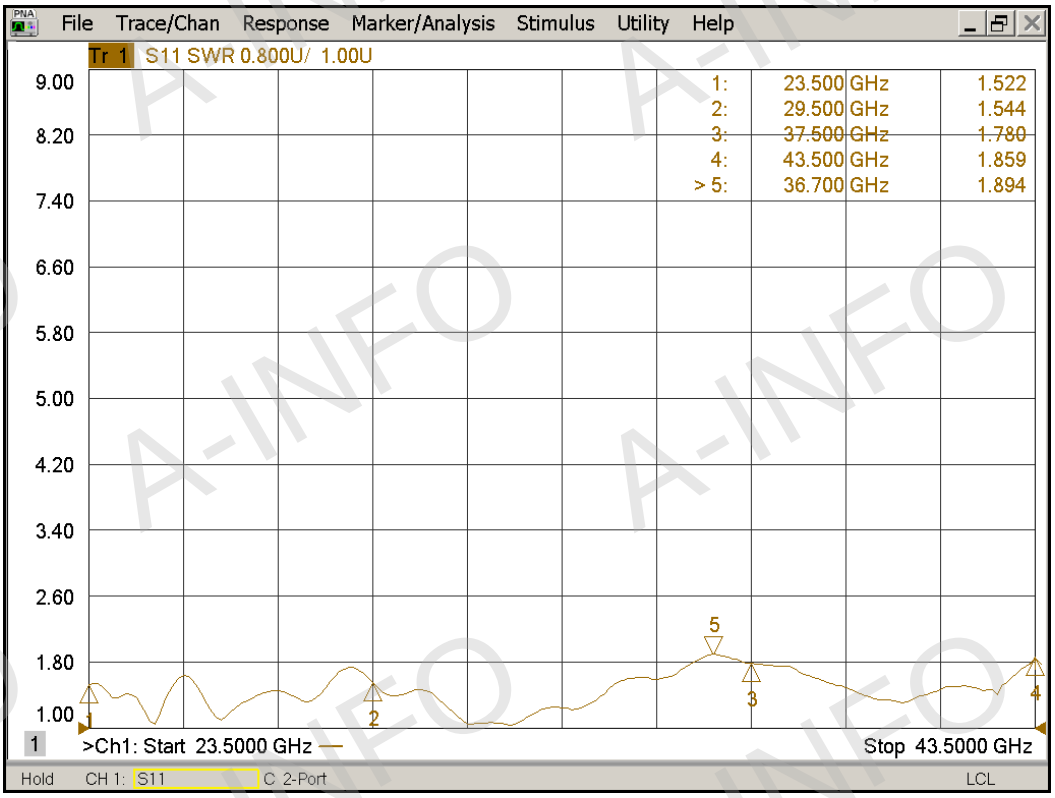
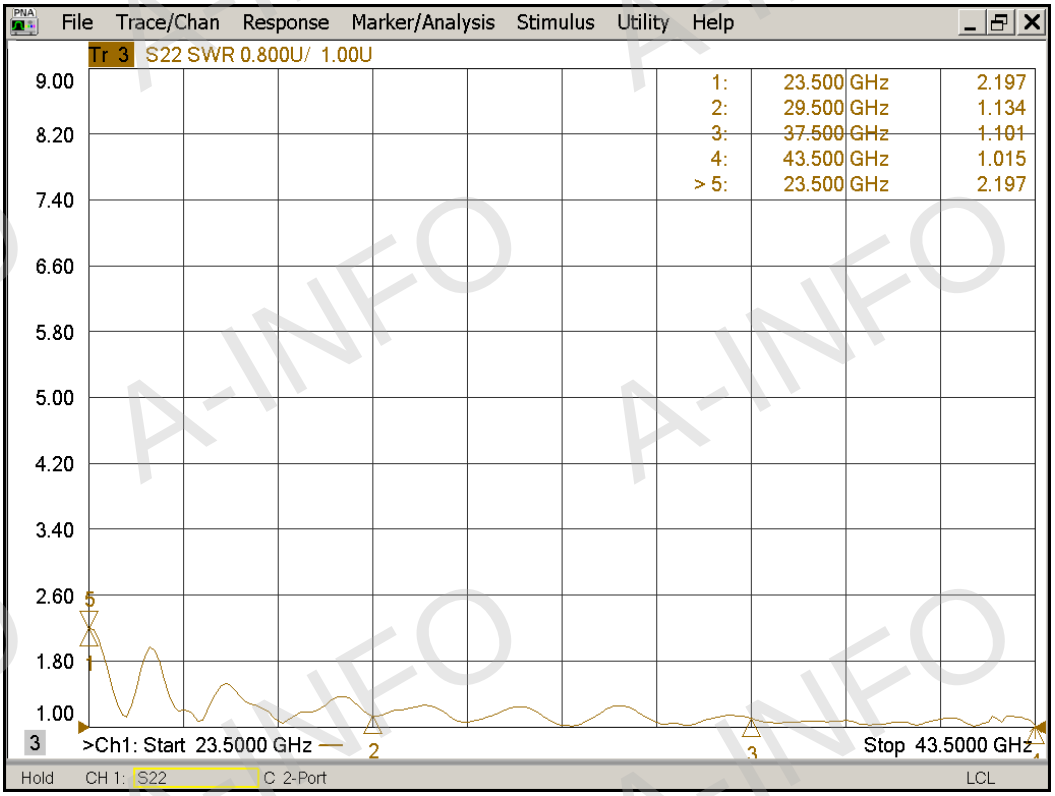
4. VSWR_A Type

Port-H



Port-V



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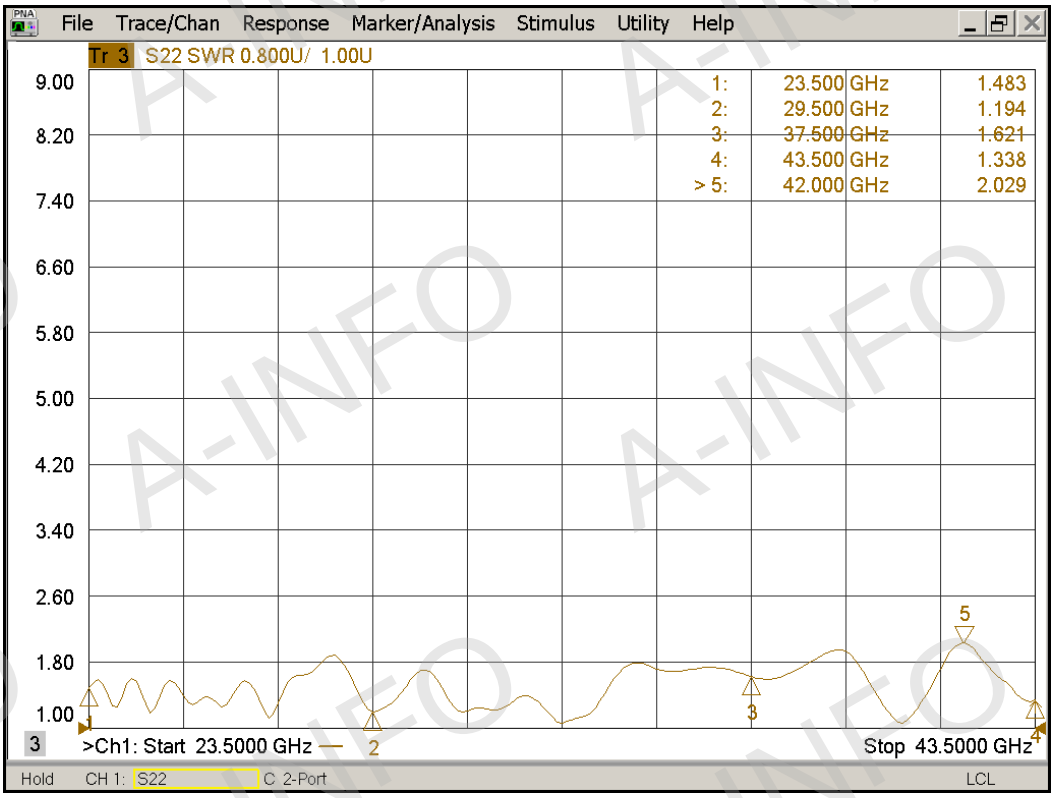
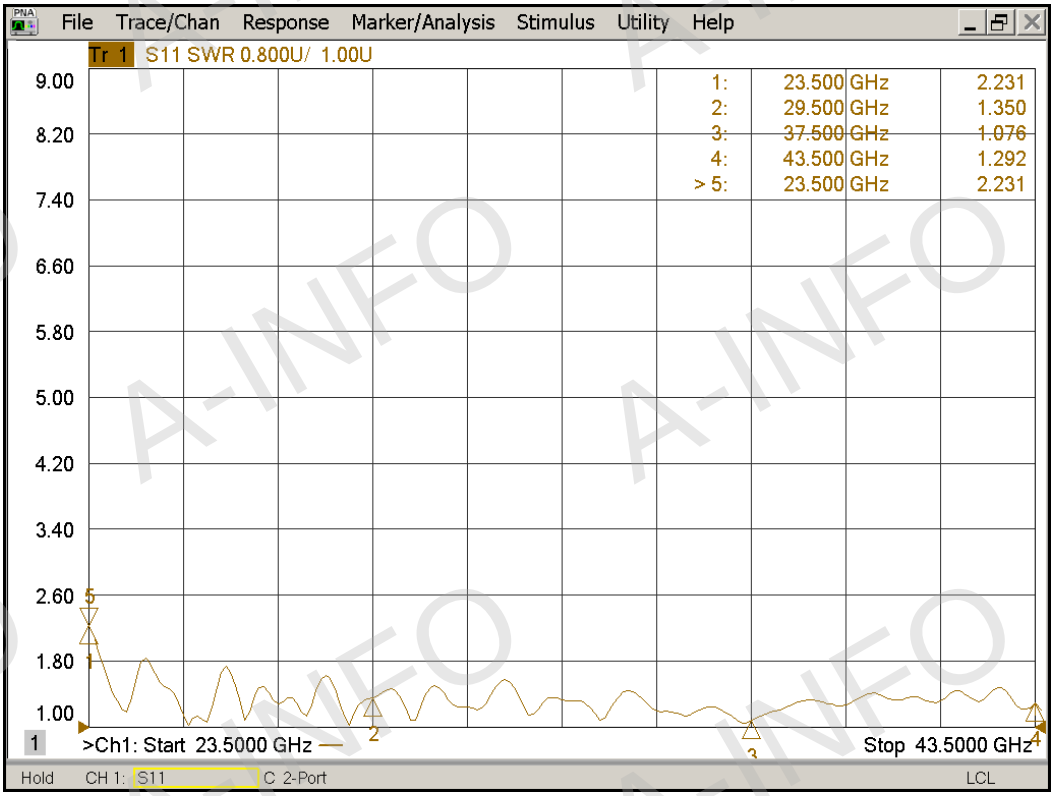
VSWR_C Type

Port-H



Port-V



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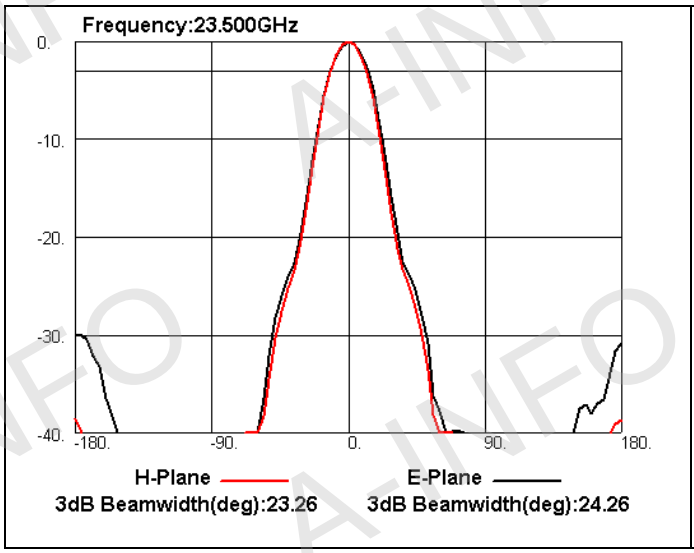
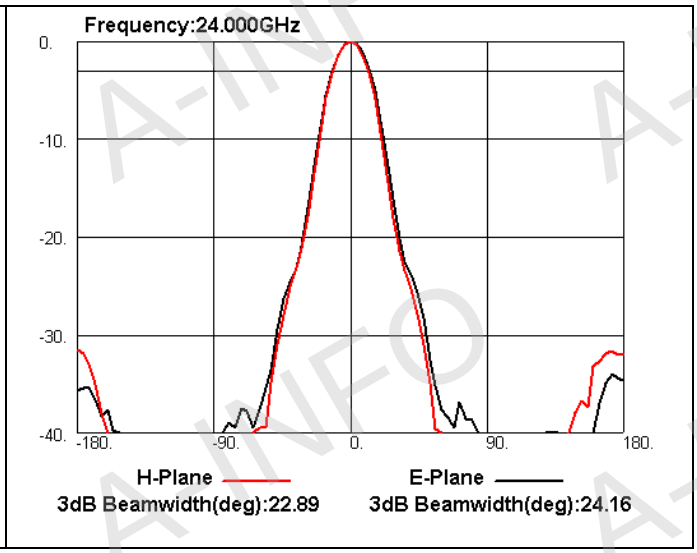
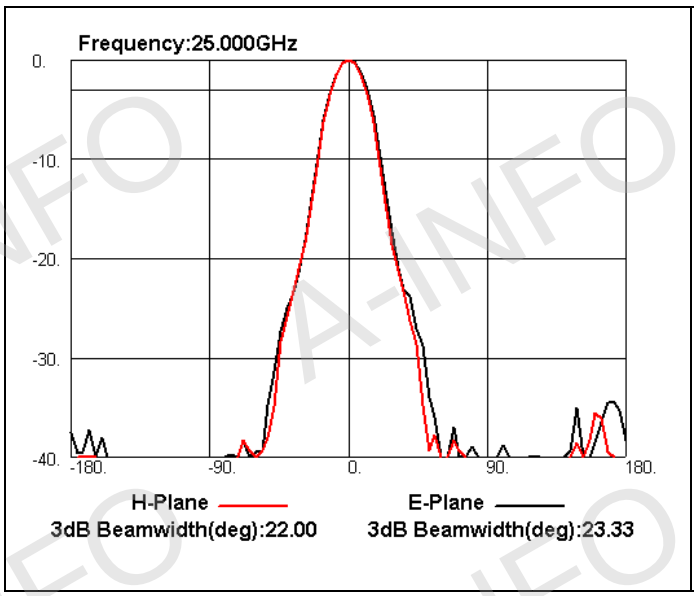
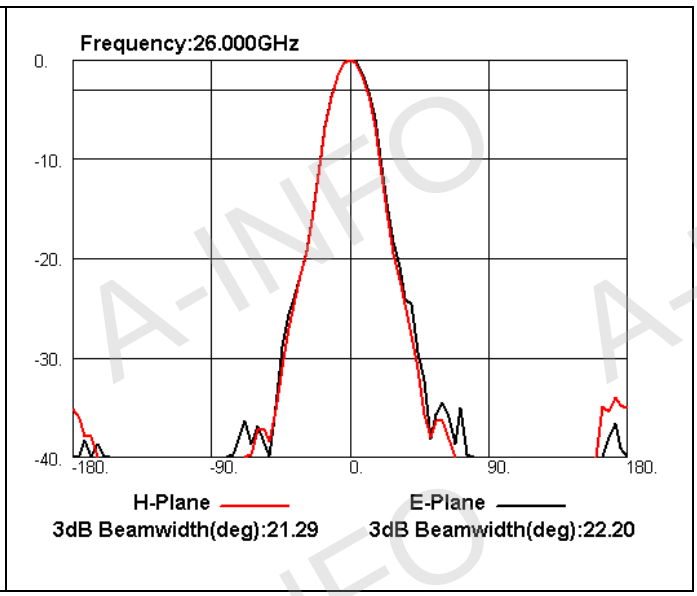
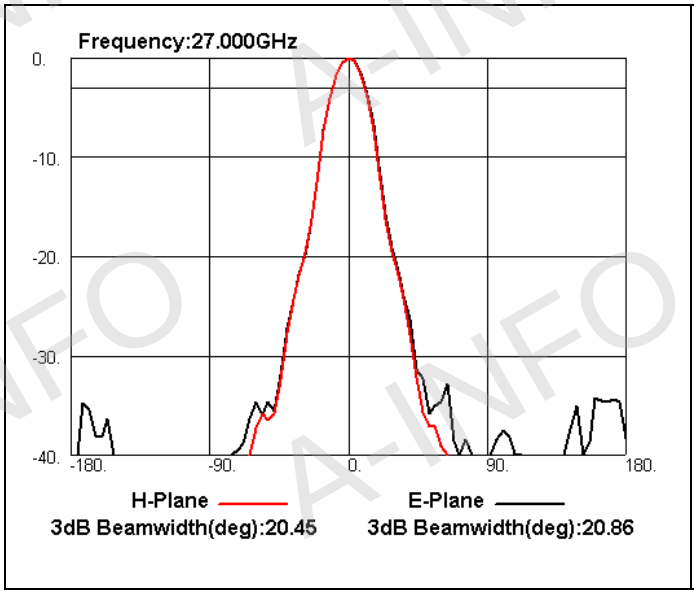
5. Pattern

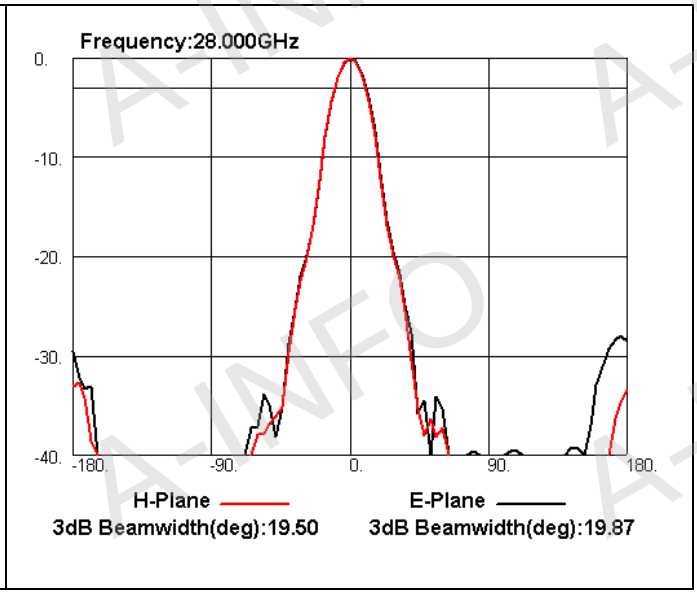












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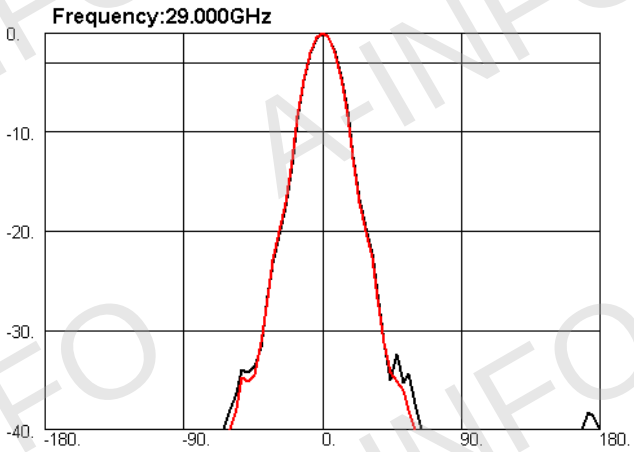
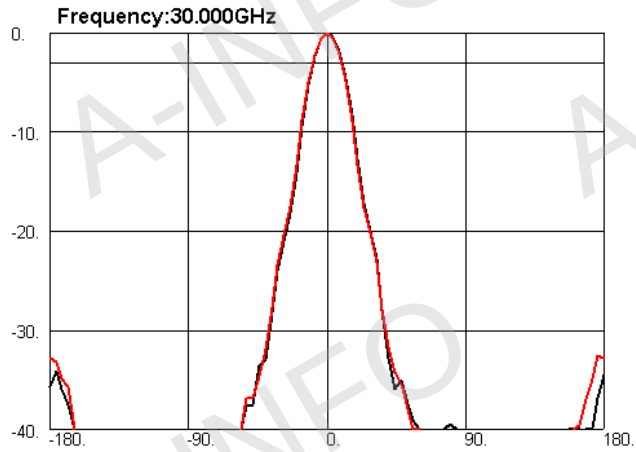
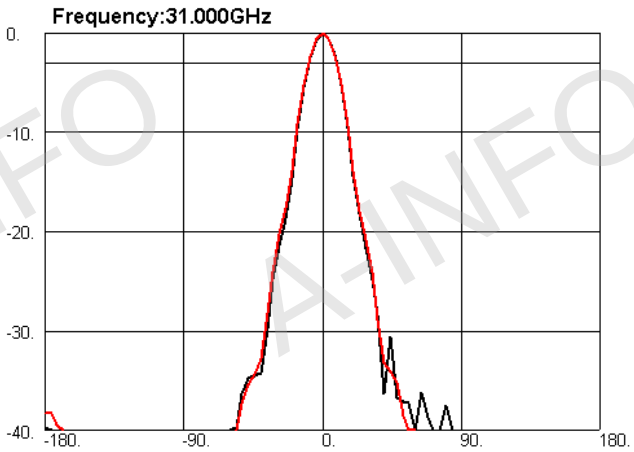


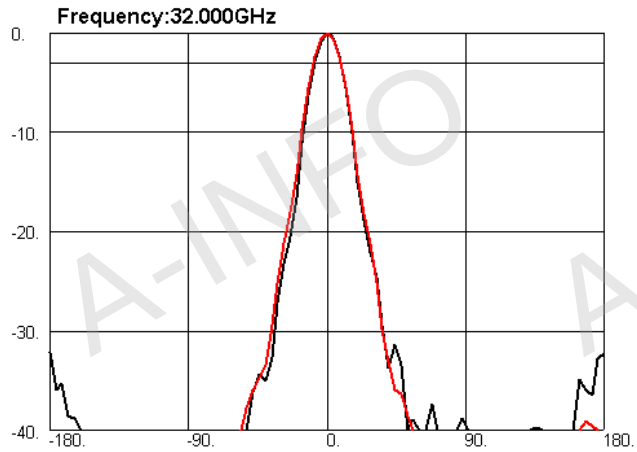
H-Plane 3dB Beamwidth(deg):19.02
E-Plane 3dB Beamwidth(deg):19.08



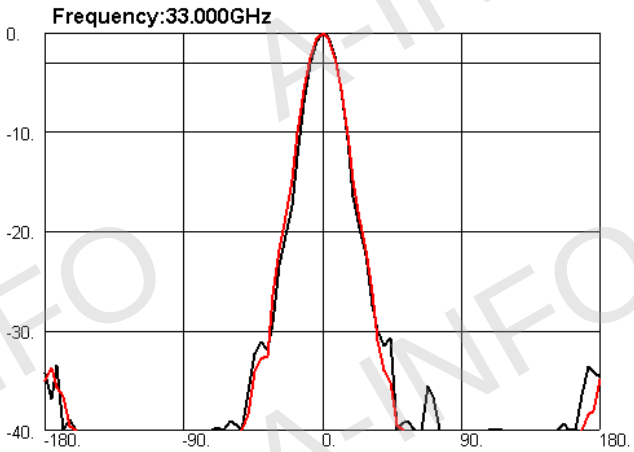
H-Plane 3dB Beamwidth(deg):18.44
E-Plane 3dB Beamwidth(deg):18.51



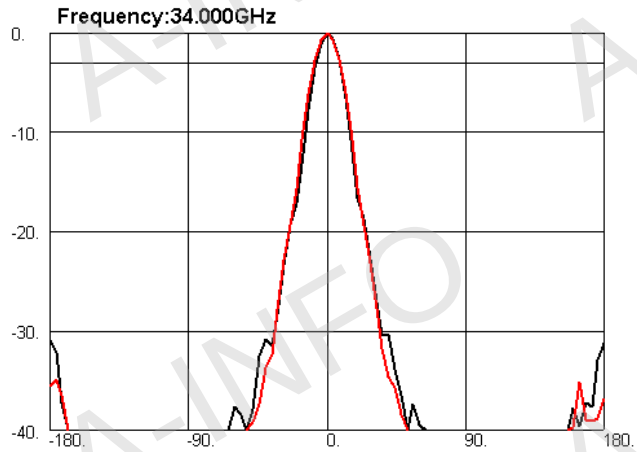
H-Plane 3dB Beamwidth(deg):17.90
E-Plane 3dB Beamwidth(deg):17.70



H-Plane 3dB Beamwidth(deg):17.52
E-Plane 3dB Beamwidth(deg):17.04



H-Plane 3dB Beamwidth(deg):17.14
E-Plane 3dB Beamwidth(deg):16.37



H-Plane 3dB Beamwidth(deg):16.61
E-Plane 3dB Beamwidth(deg):15.42

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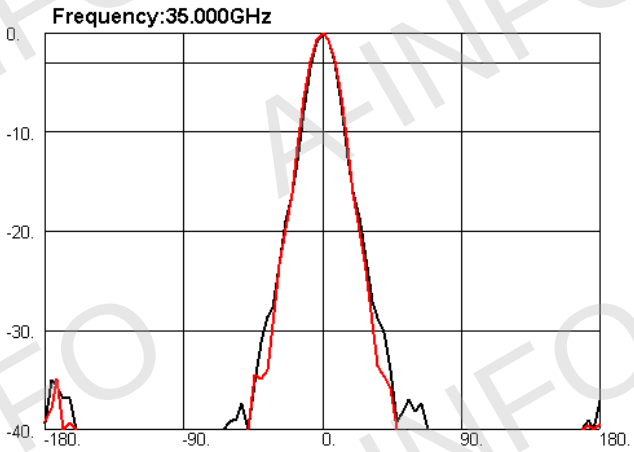

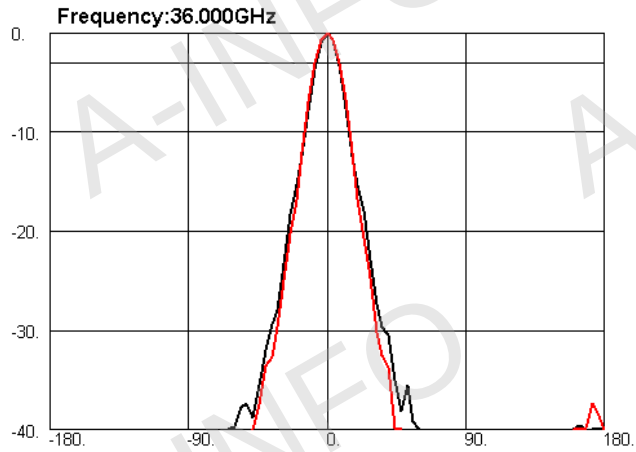

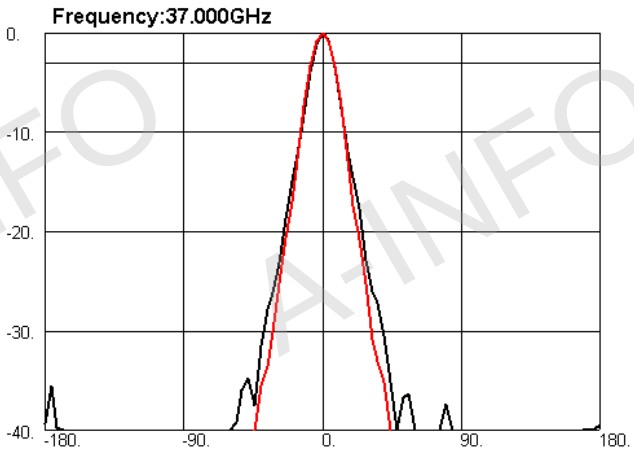

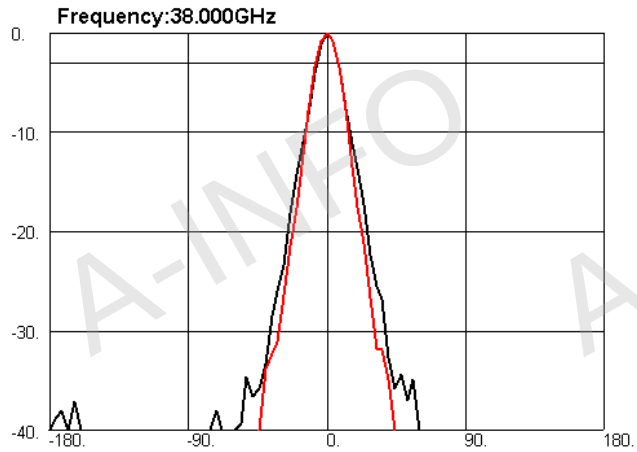

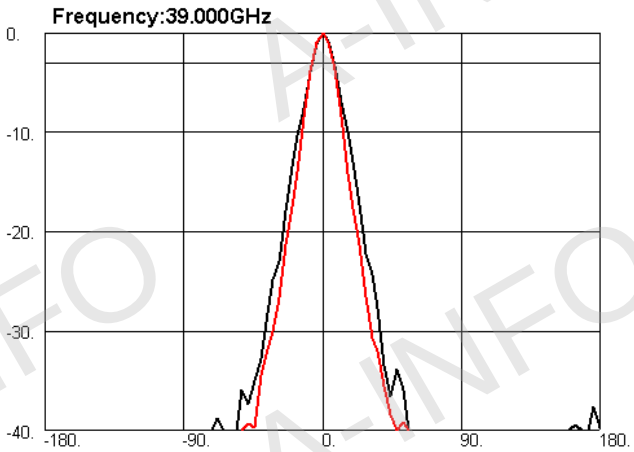

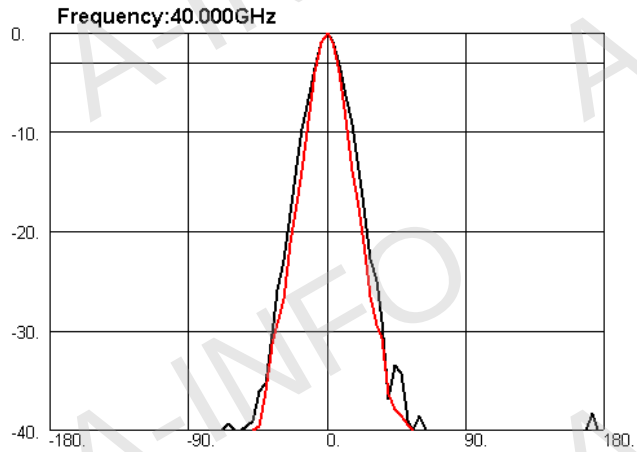

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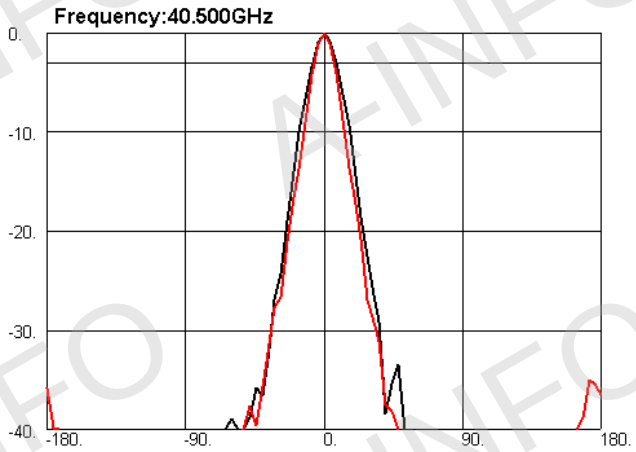

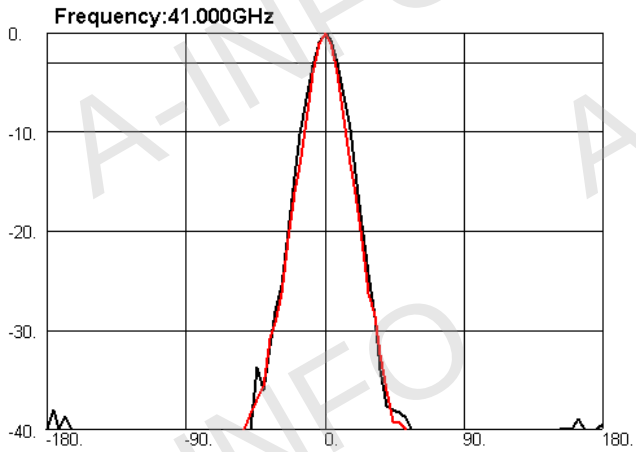

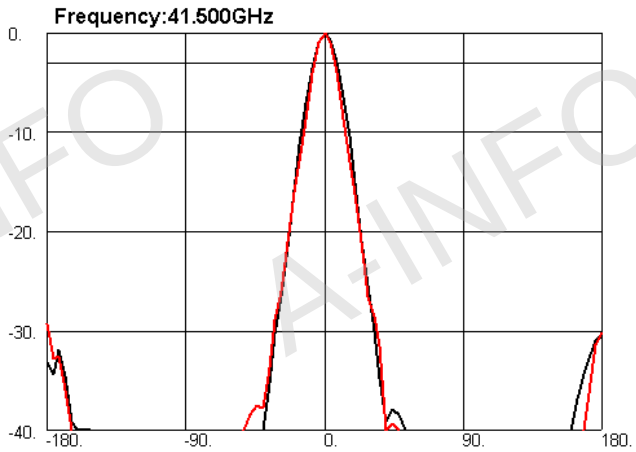

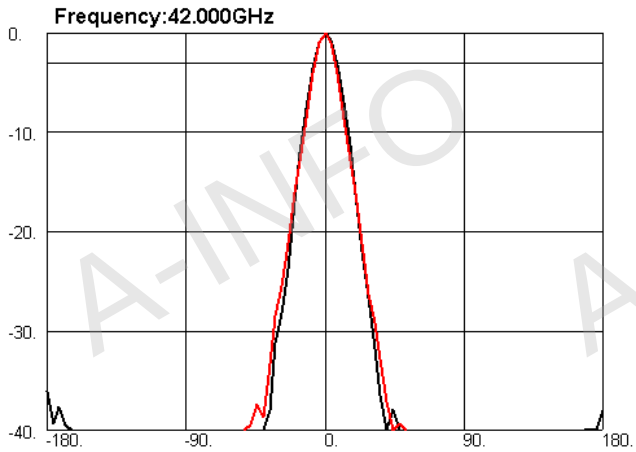

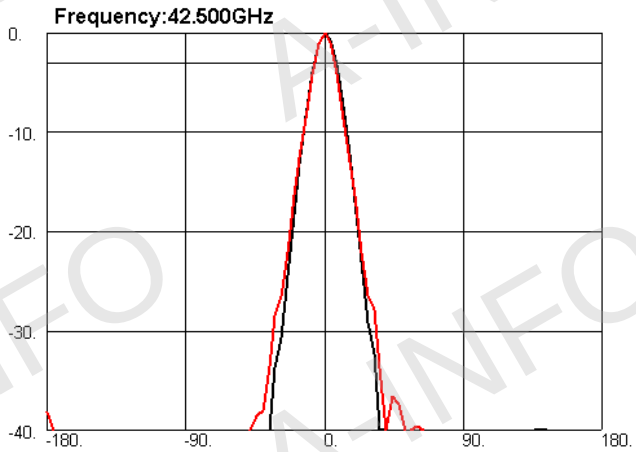

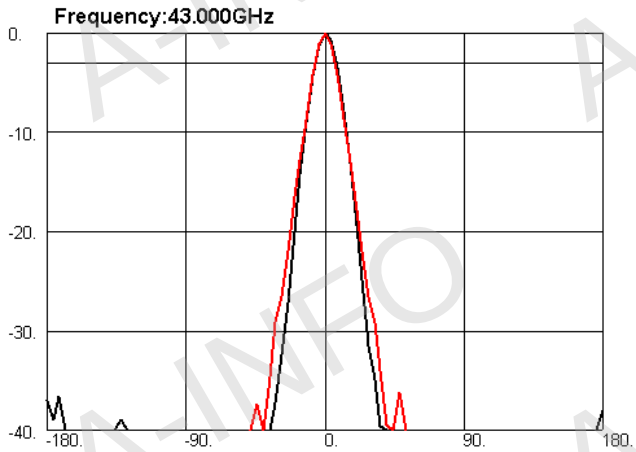

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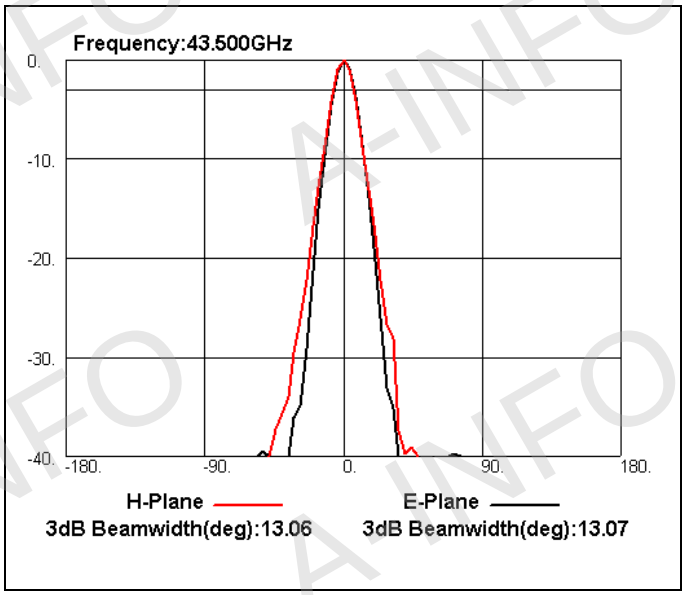

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