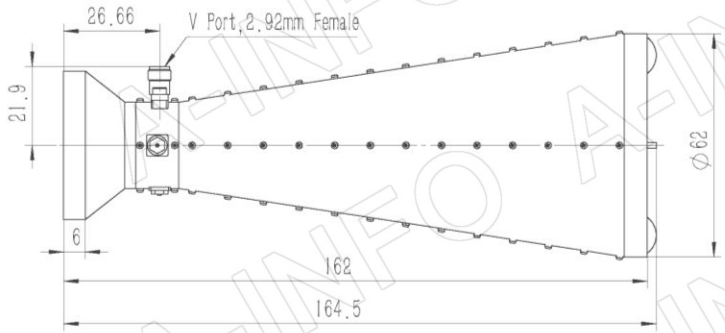
Technical Specification

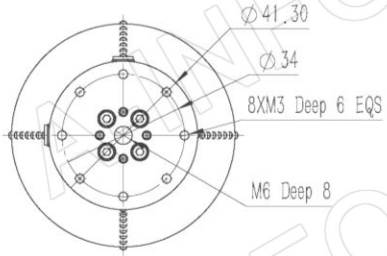
Frequency Range(GHz)	4.0 – 40.0	
Gain(dBi)	16 Typ.	
Polarization	Dual Pol.	
3dB Beamwidth(deg)	E Plane:	83 - 16
	H Plane:	75 - 11
Cross Pol. Isolation(dB)	30 Typ.	
	20 Min.	
Port to Port Isolation(dB)	40 Typ.	
	30 Min.	
VSWR	2.0:1 Typ.	
	2.5:1 Max.	
Output	2.92mm-Female or 2.4mm-Female	
Power Handling(W CW)	2.92mm-Female:	10 Max.
	2.4mm-Female:	10 Max.
Material	Al	
Size(mm)	62 x 62 x 164.5	
Net Weight(Kg)	0.19 Around	

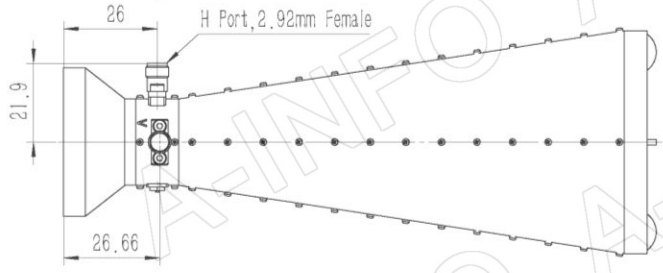
Outline Drawing (Size: mm)

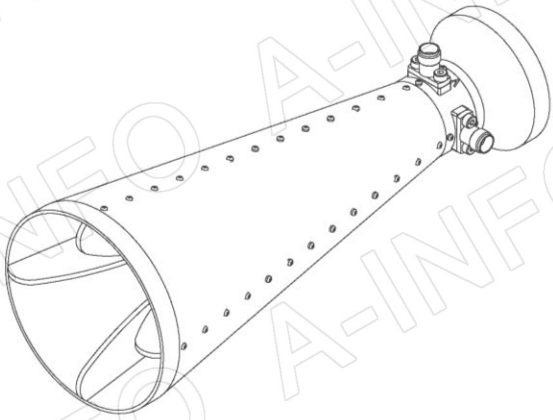
2.92mm-Female Output (P/N: LB-CSJ-40400-KF)

For 2.4mm-Female output outline drawing, please contact A-INFO.









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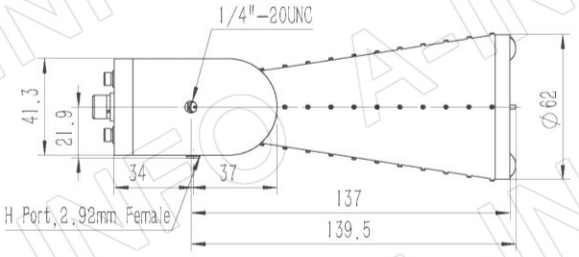
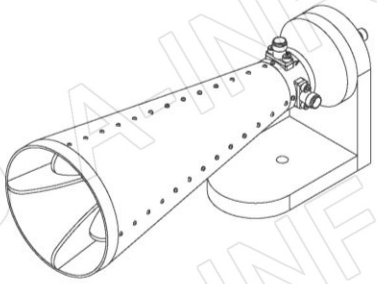
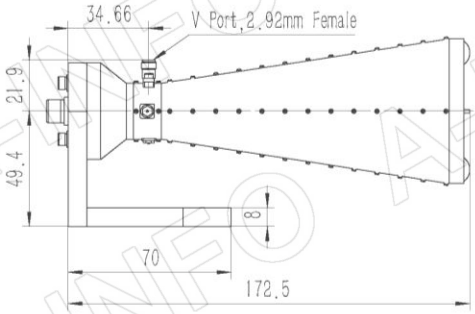
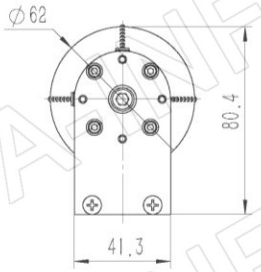
2.92mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-20180-L)

For 2.4mm-Female output outline drawing, please contact A-INFO.



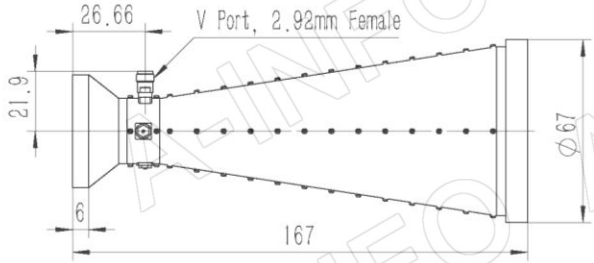


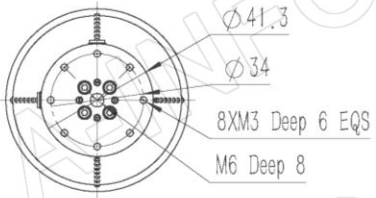


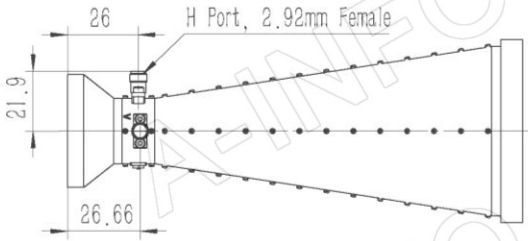


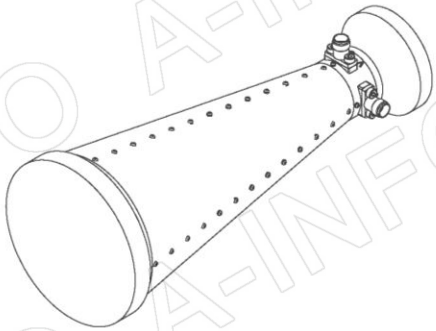
2.92mm-Female Output with Radome (Option, P/N: LB-CSJ-40400-KFSPO, Outdoor Application)

For 2.4mm-Female output outline drawing, please contact A-INFO.









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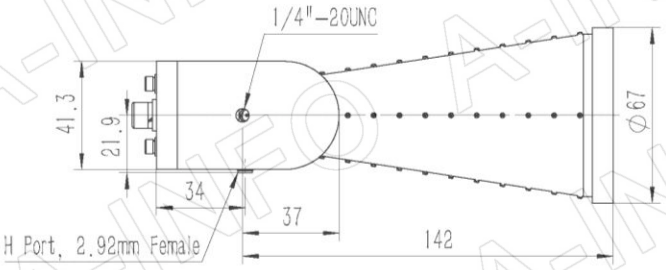
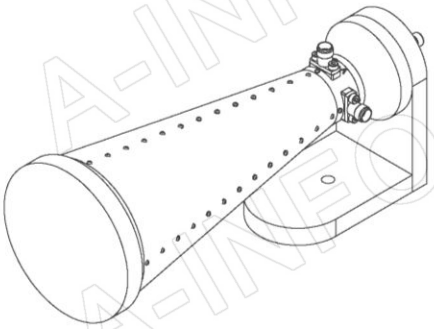
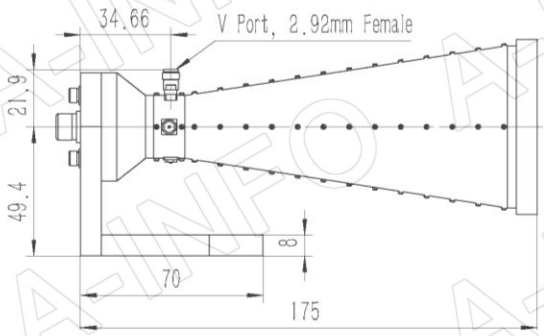
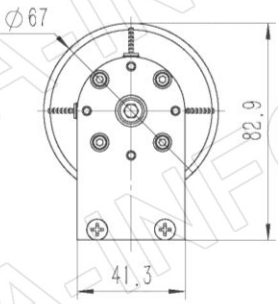
2.92mm-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-20180-L & LB-CSJ-40400-KFSPO, Outdoor Application)

For 2.4mm-Female output outline drawing, please contact A-INFO.









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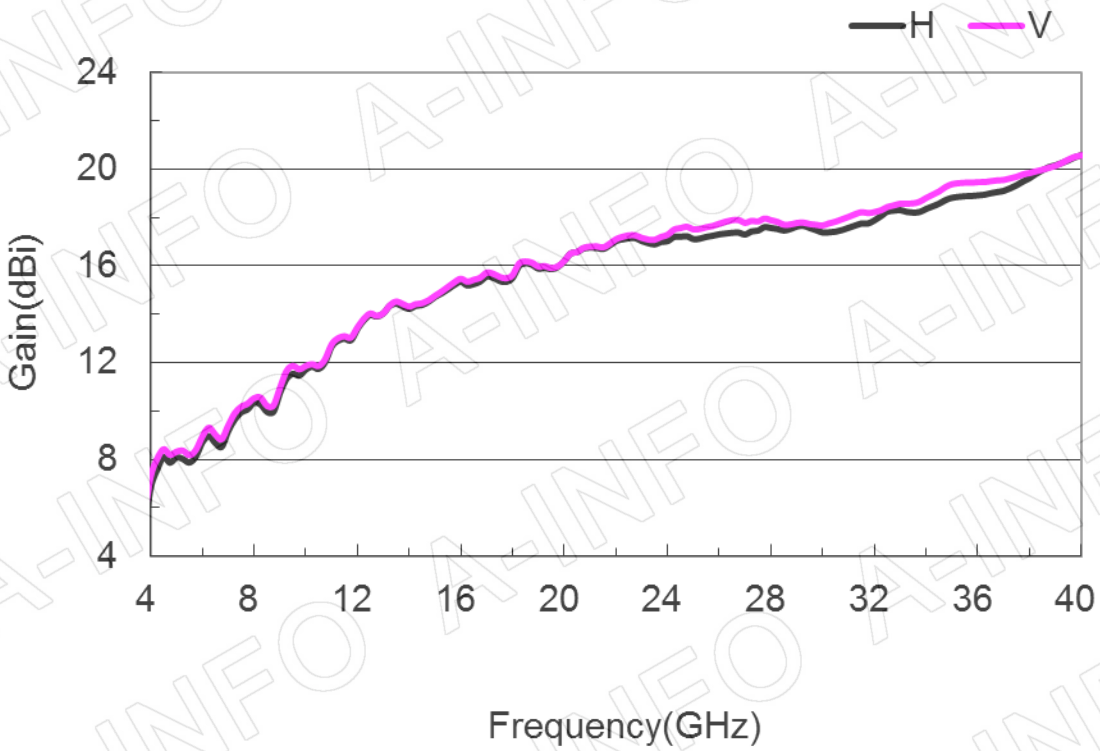
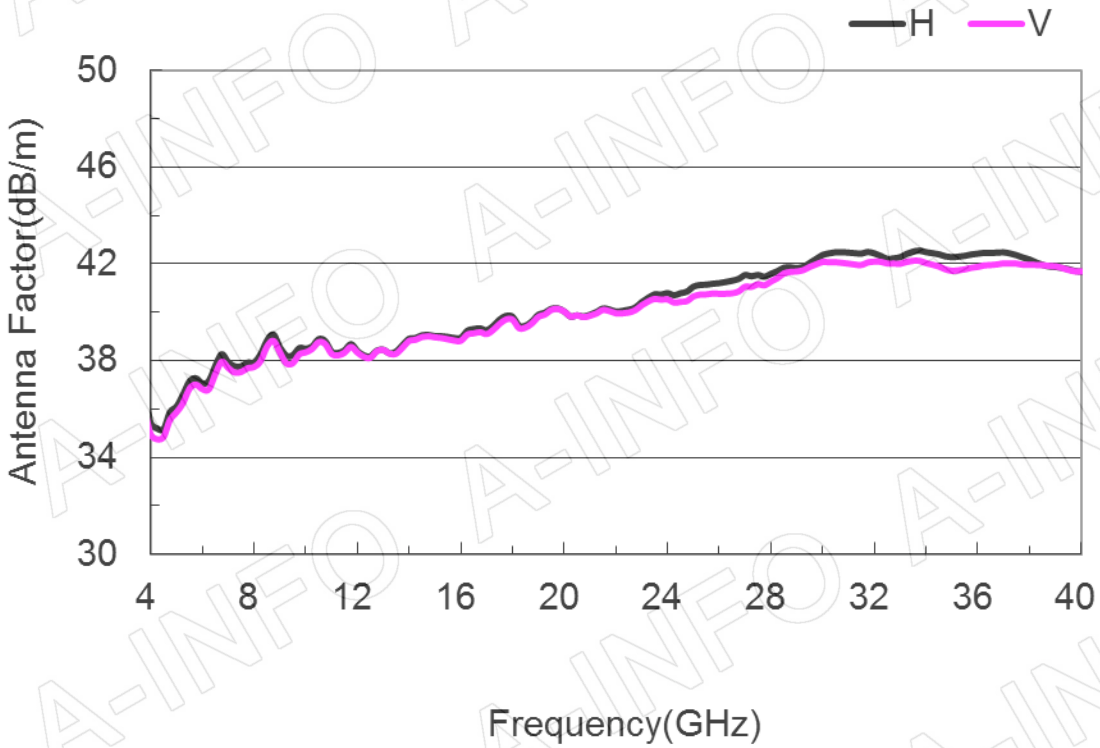
Test Results

1. Gain and Antenna Factor





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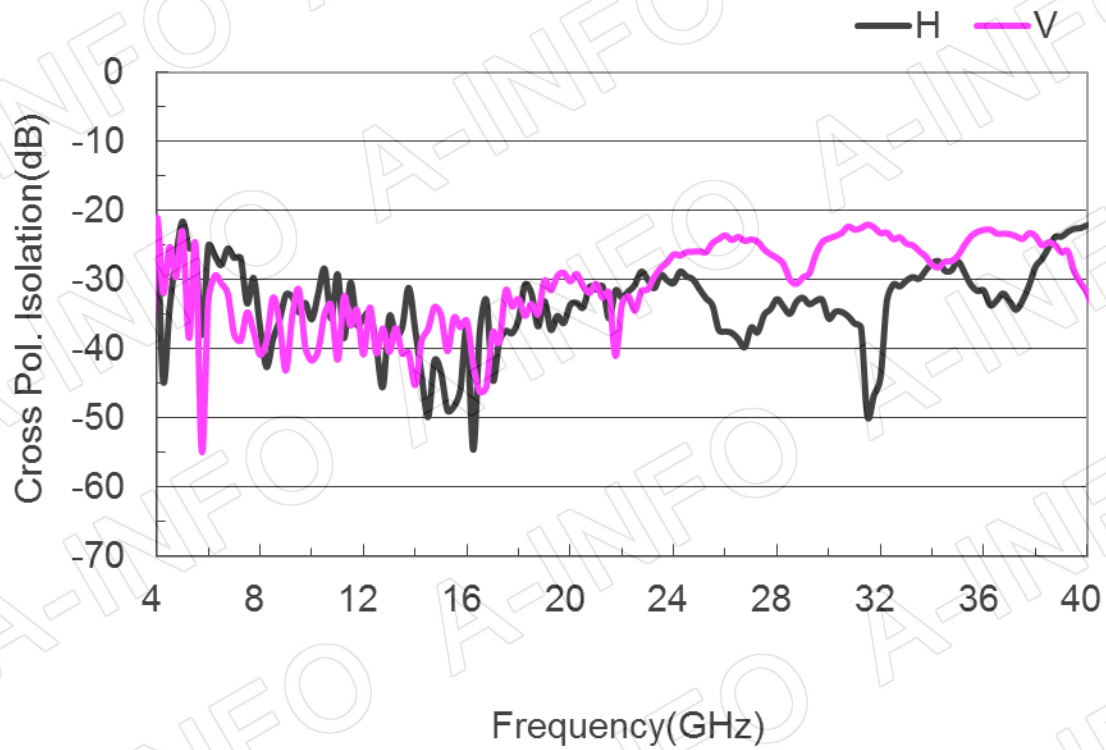
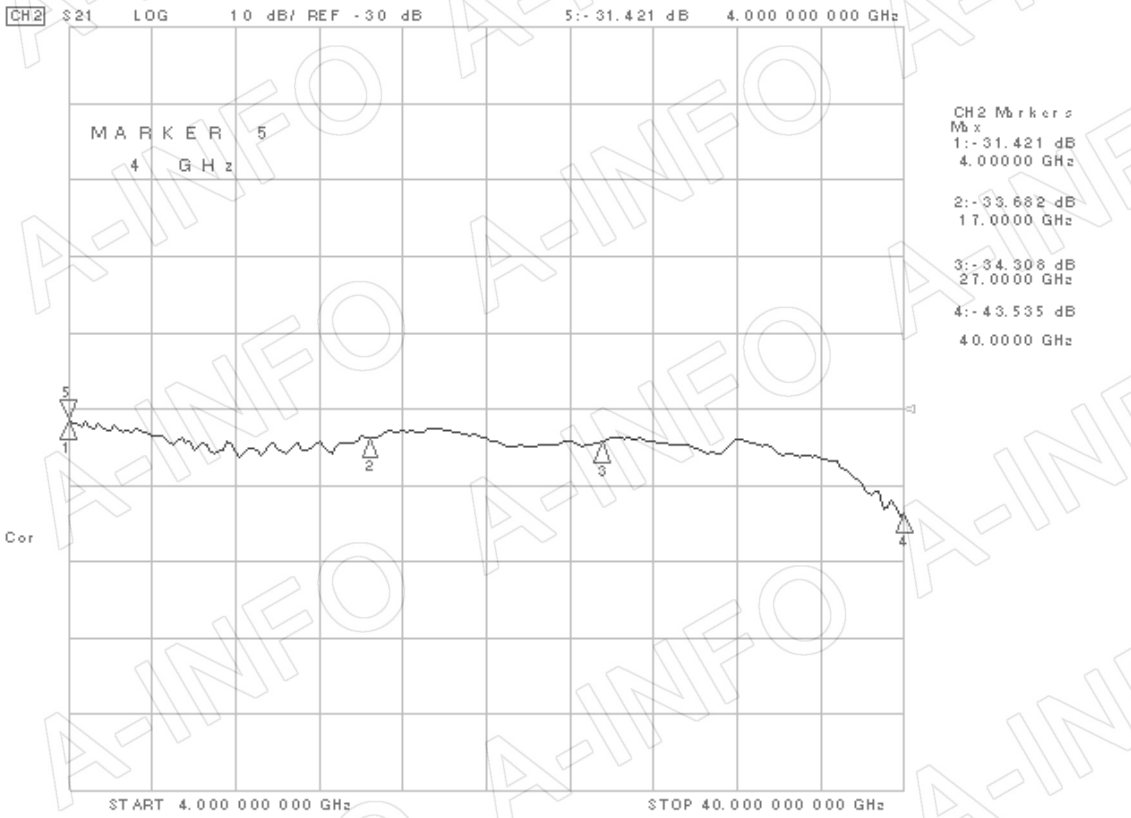
2. Cross Polarization Isolation



3. Port to Port Isolation



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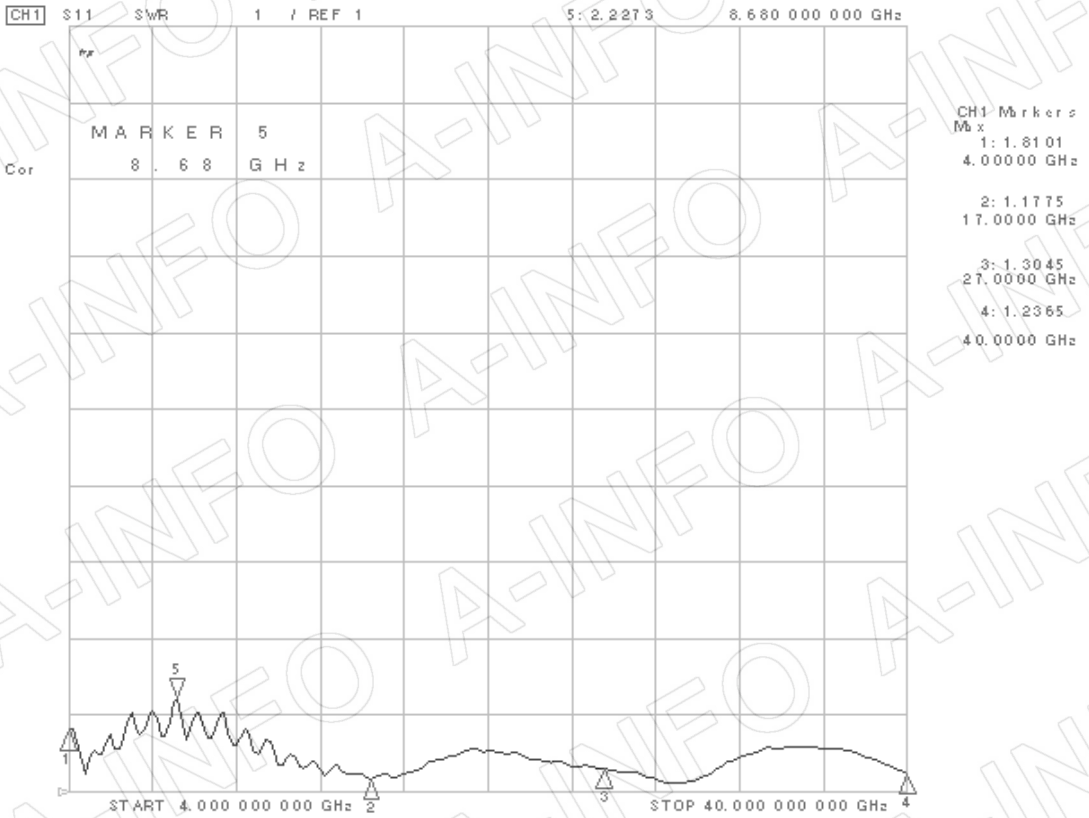
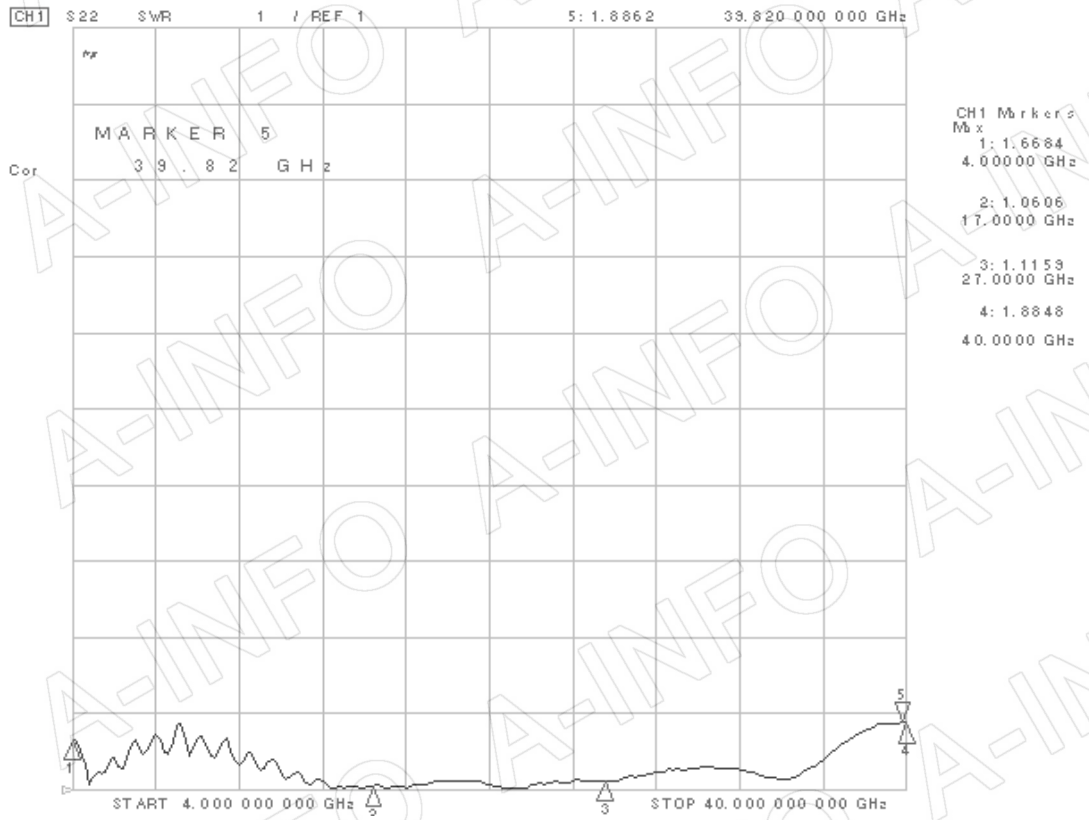
4. VSWR

Port-H



Port-V



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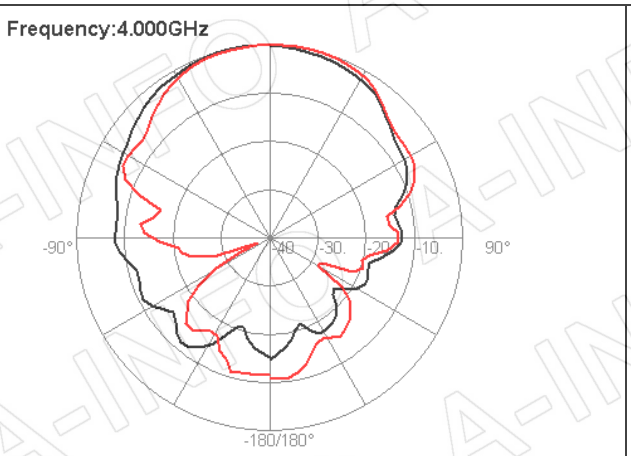
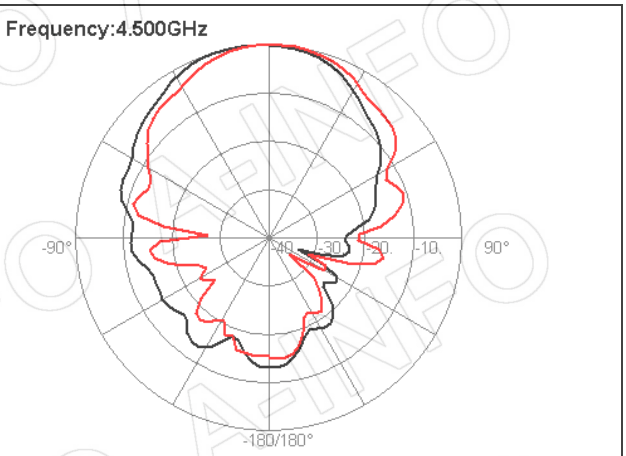
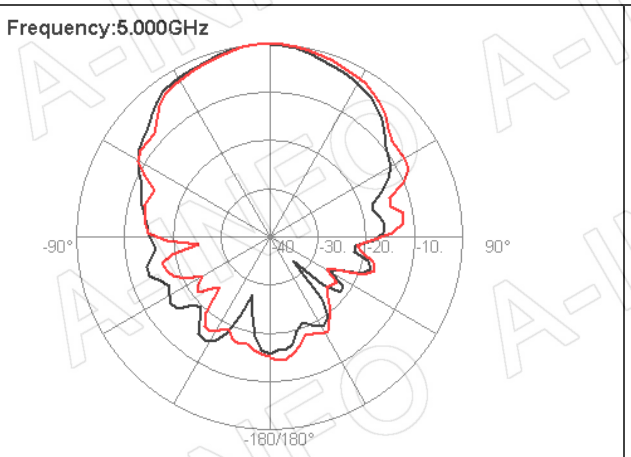
5. Pattern



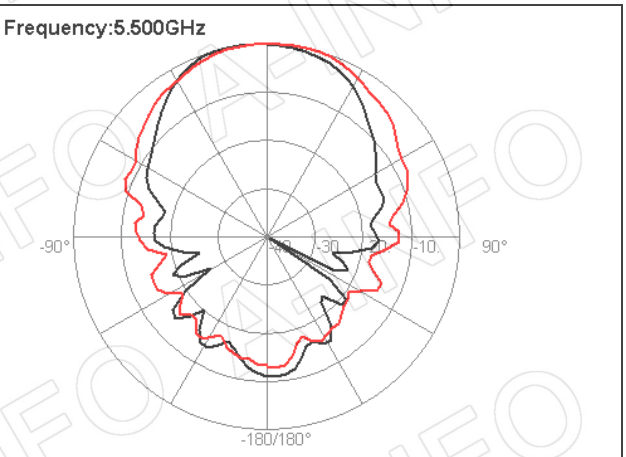
3dB Beamwidth(deg):74.30 3dB Beamwidth(deg):82.42



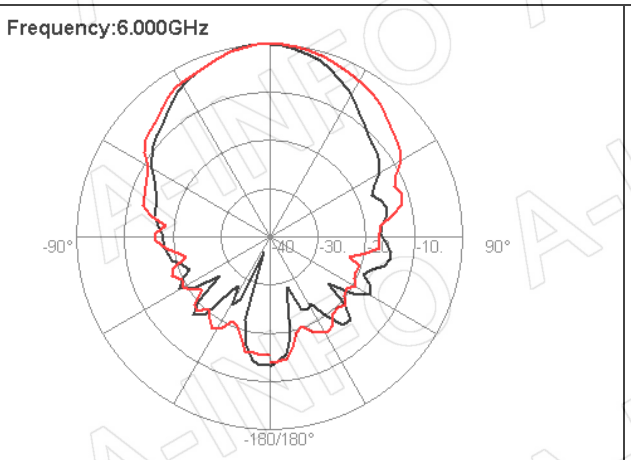
3dB Beamwidth(deg):55.56 3dB Beamwidth(deg):61.17



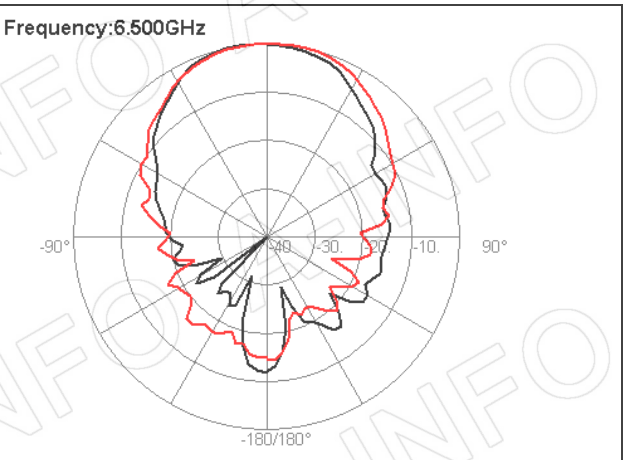
3dB Beamwidth(deg):68.26 3dB Beamwidth(deg):63.74



3dB Beamwidth(deg):66.52 3dB Beamwidth(deg):56.57



3dB Beamwidth(deg):57.47 3dB Beamwidth(deg):44.62



3dB Beamwidth(deg):62.03 3dB Beamwidth(deg):54.16

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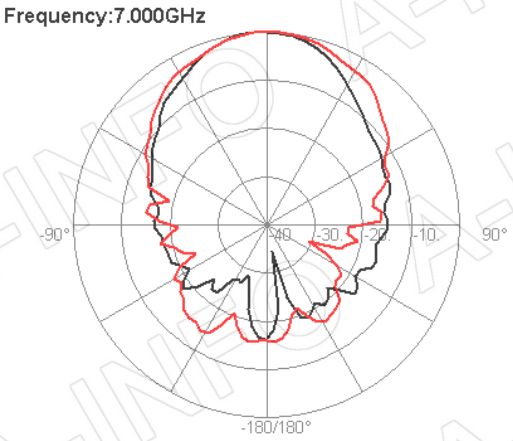
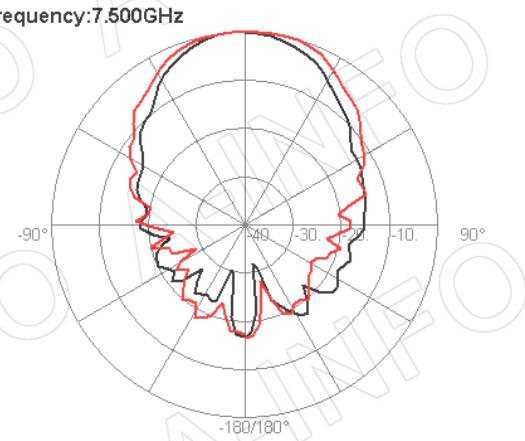
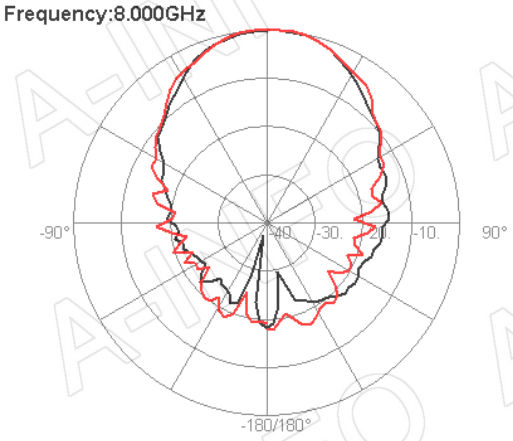


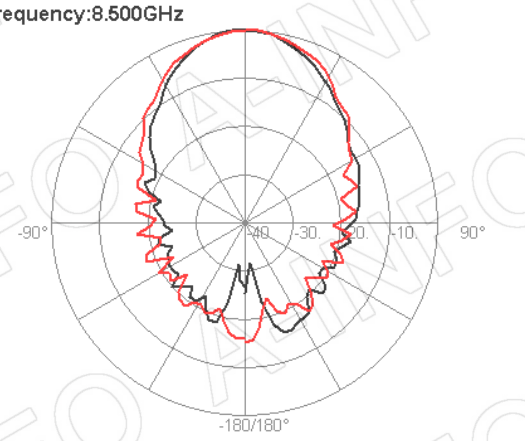
H-Plane 3dB Beamwidth(deg):51.78
E-Plane 3dB Beamwidth(deg):41.82



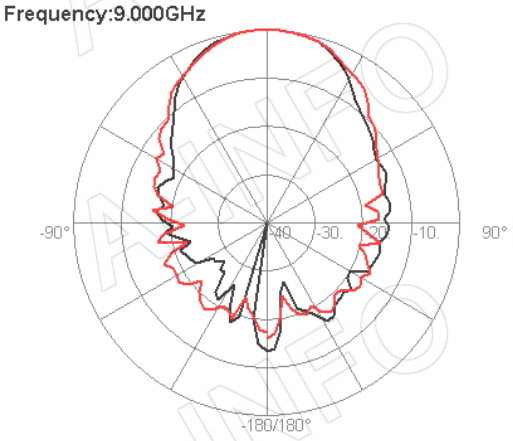
H-Plane 3dB Beamwidth(deg):57.18
E-Plane 3dB Beamwidth(deg):44.02



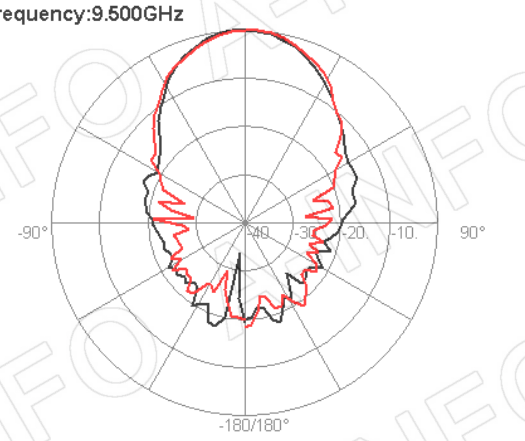
H-Plane 3dB Beamwidth(deg):46.83
E-Plane 3dB Beamwidth(deg):47.39



H-Plane 3dB Beamwidth(deg):43.17
E-Plane 3dB Beamwidth(deg):37.34



H-Plane 3dB Beamwidth(deg):46.52
E-Plane 3dB Beamwidth(deg):46.24



H-Plane 3dB Beamwidth(deg):38.39
E-Plane 3dB Beamwidth(deg):37.80

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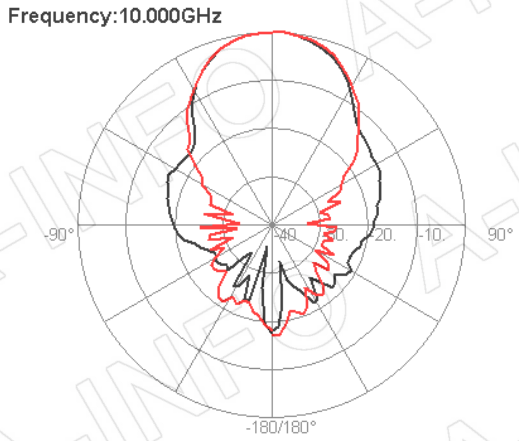
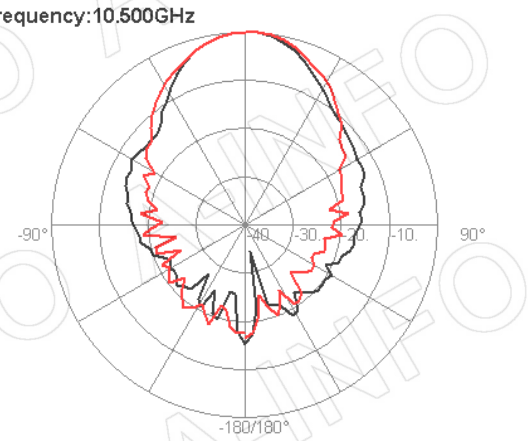
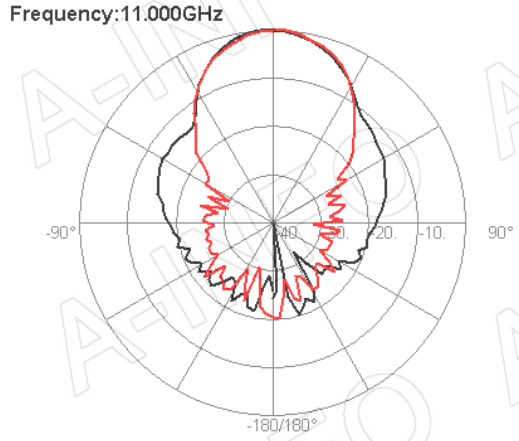


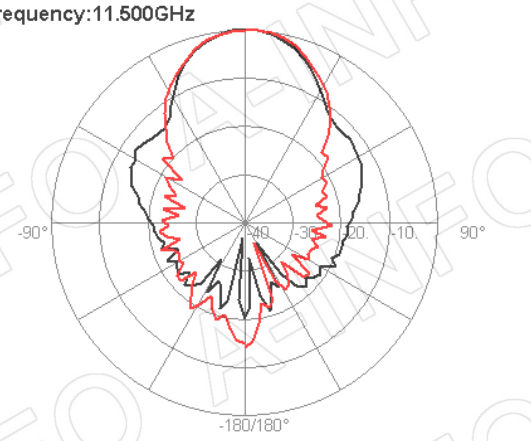
H-Plane 3dB Beamwidth(deg):39.79
E-Plane 3dB Beamwidth(deg):38.36



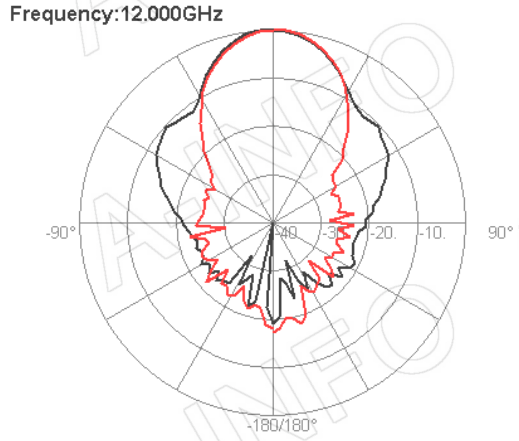
H-Plane 3dB Beamwidth(deg):36.77
E-Plane 3dB Beamwidth(deg):34.47



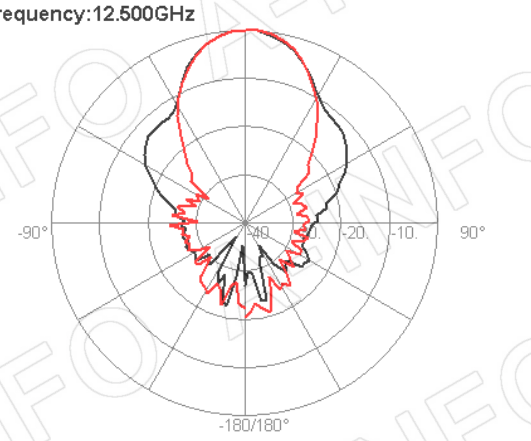
H-Plane 3dB Beamwidth(deg):36.45
E-Plane 3dB Beamwidth(deg):36.78



H-Plane 3dB Beamwidth(deg):36.03
E-Plane 3dB Beamwidth(deg):34.07



H-Plane 3dB Beamwidth(deg):31.78
E-Plane 3dB Beamwidth(deg):33.25



H-Plane 3dB Beamwidth(deg):30.70
E-Plane 3dB Beamwidth(deg):30.65

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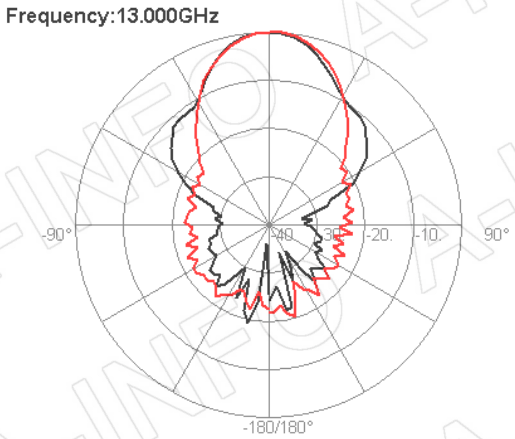
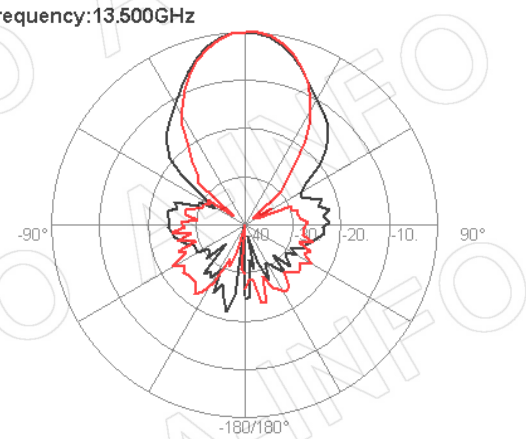
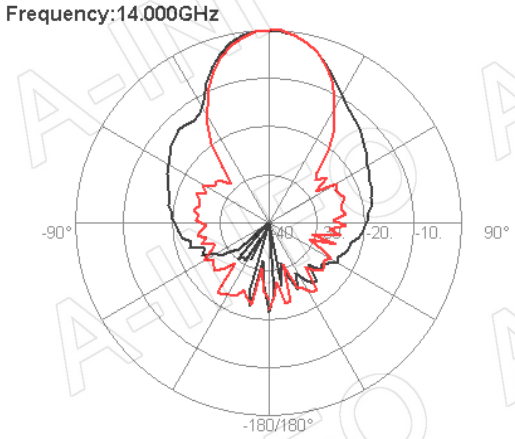


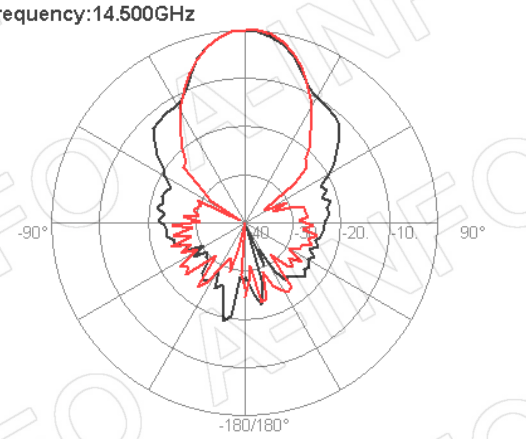
H-Plane 3dB Beamwidth(deg):31.38
E-Plane 3dB Beamwidth(deg):29.42



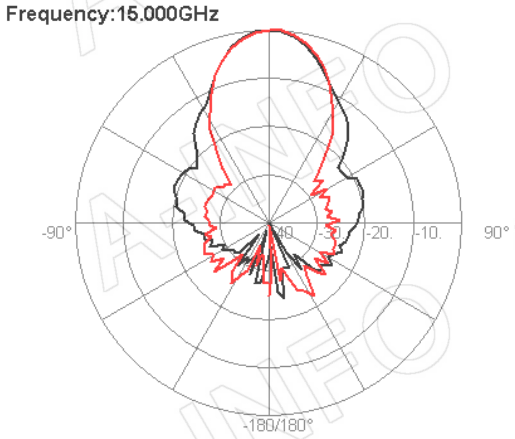
H-Plane 3dB Beamwidth(deg):28.07
E-Plane 3dB Beamwidth(deg):27.98



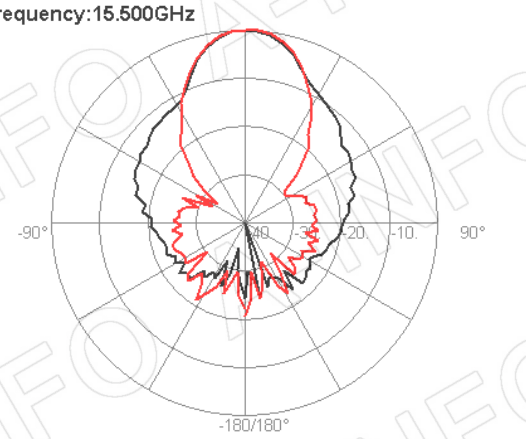
H-Plane 3dB Beamwidth(deg):28.38
E-Plane 3dB Beamwidth(deg):29.94



H-Plane 3dB Beamwidth(deg):27.86
E-Plane 3dB Beamwidth(deg):26.79



H-Plane 3dB Beamwidth(deg):25.71
E-Plane 3dB Beamwidth(deg):25.32



H-Plane 3dB Beamwidth(deg):28.67
E-Plane 3dB Beamwidth(deg):26.84

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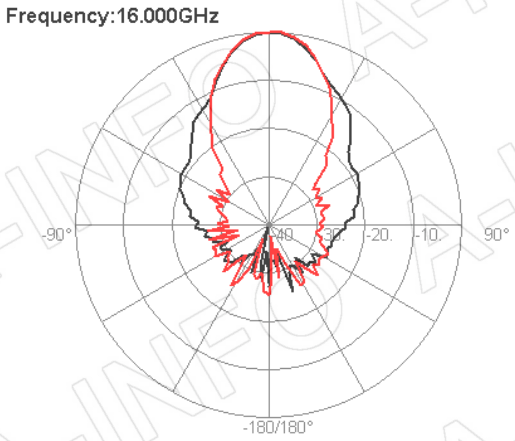
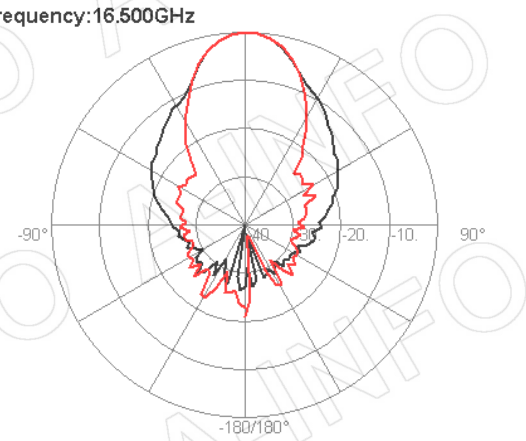


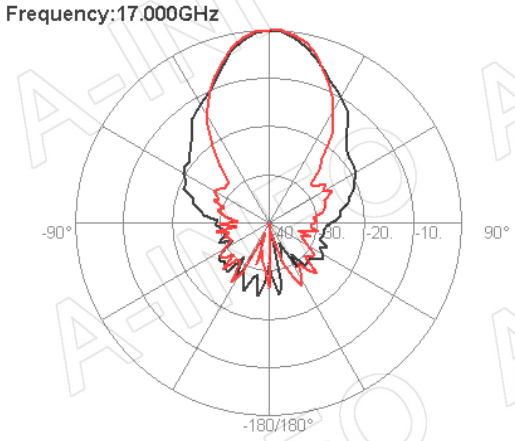
H-Plane
3dB Beamwidth(deg):25.29

E-Plane
3dB Beamwidth(deg):23.94



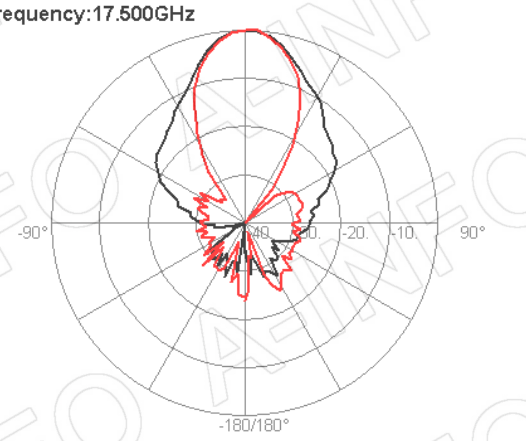
H-Plane
3dB Beamwidth(deg):24.72

E-Plane
3dB Beamwidth(deg):24.25



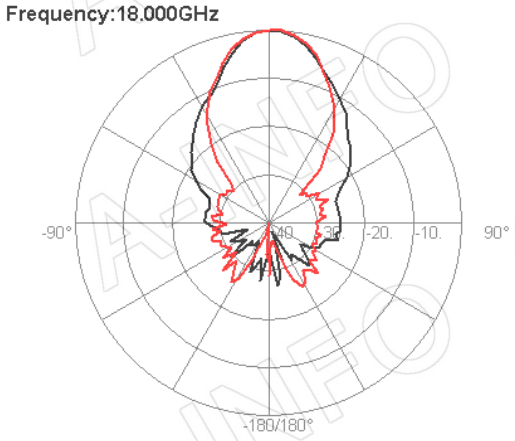
H-Plane
3dB Beamwidth(deg):25.96

E-Plane
3dB Beamwidth(deg):23.66



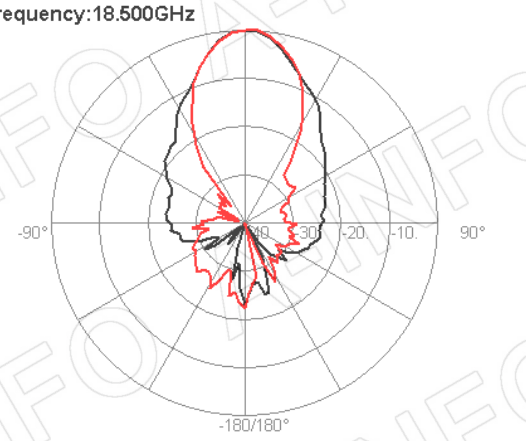
H-Plane
3dB Beamwidth(deg):21.99

E-Plane
3dB Beamwidth(deg):24.10



H-Plane
3dB Beamwidth(deg):25.43

E-Plane
3dB Beamwidth(deg):23.23



H-Plane
3dB Beamwidth(deg):22.69

E-Plane
3dB Beamwidth(deg):21.75

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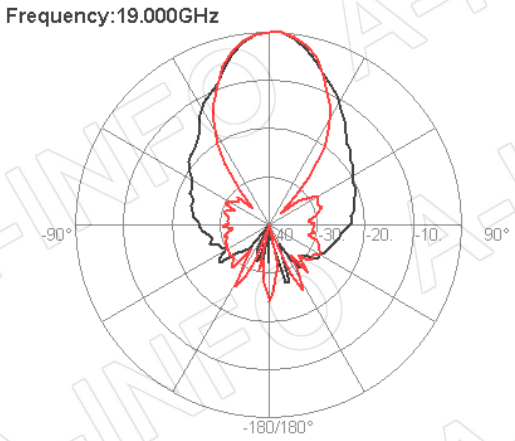
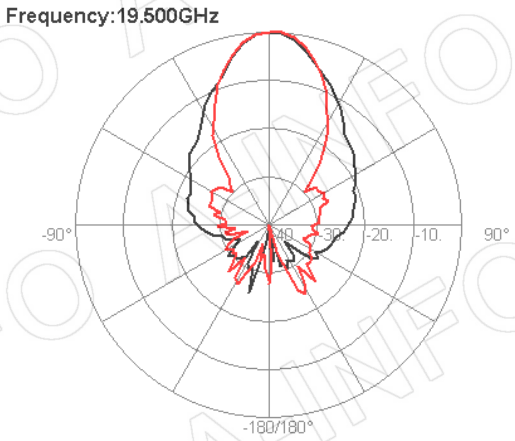
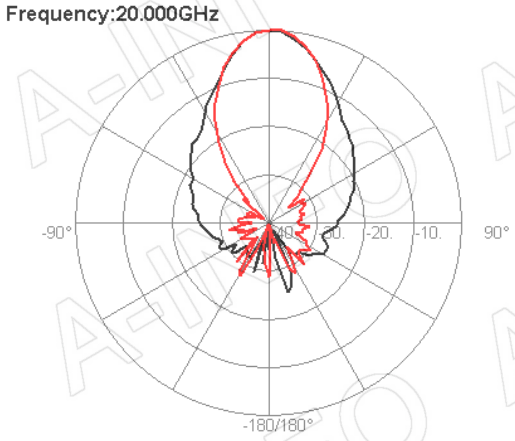


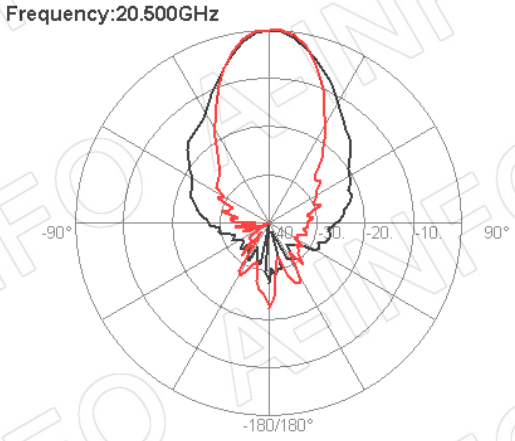
H-Plane 3dB Beamwidth(deg):25.06
E-Plane 3dB Beamwidth(deg):23.02



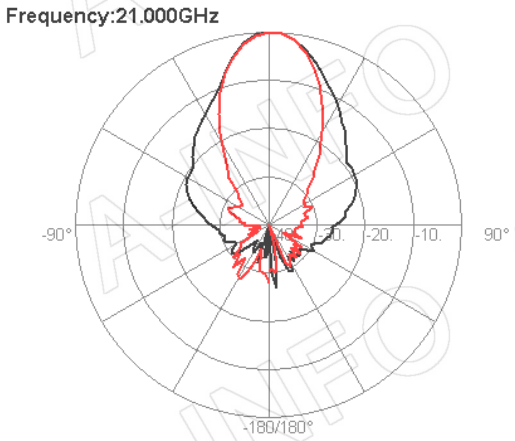
H-Plane 3dB Beamwidth(deg):22.98
E-Plane 3dB Beamwidth(deg):21.39



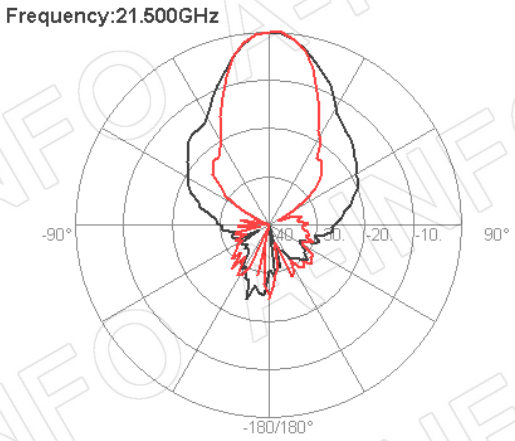
H-Plane 3dB Beamwidth(deg):22.41
E-Plane 3dB Beamwidth(deg):21.63



H-Plane 3dB Beamwidth(deg):23.46
E-Plane 3dB Beamwidth(deg):21.76



H-Plane 3dB Beamwidth(deg):20.09
E-Plane 3dB Beamwidth(deg):21.57



H-Plane 3dB Beamwidth(deg):21.15
E-Plane 3dB Beamwidth(deg):21.29

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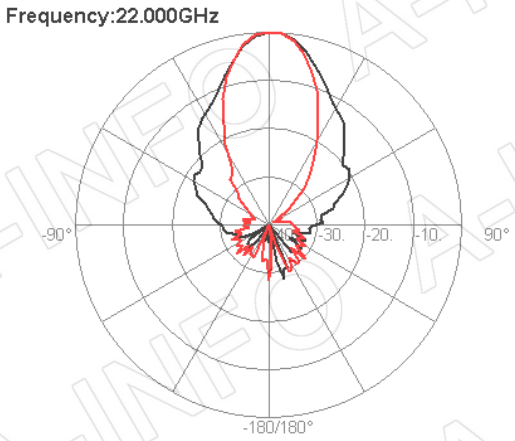
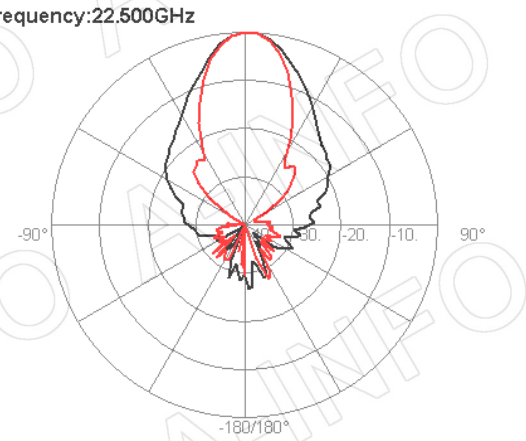


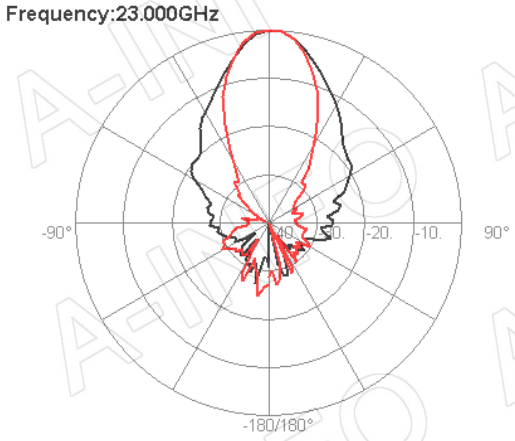
H-Plane
3dB Beamwidth(deg):19.26

E-Plane
3dB Beamwidth(deg):20.23



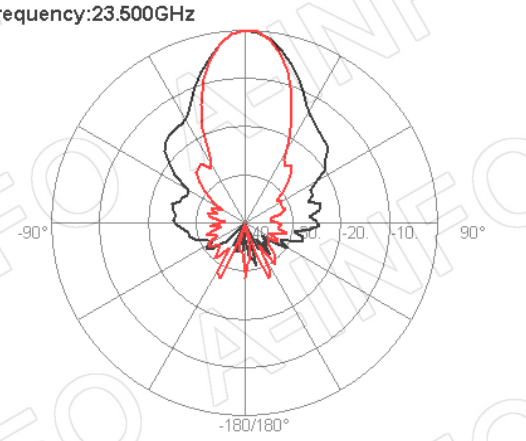
H-Plane
3dB Beamwidth(deg):18.93

E-Plane
3dB Beamwidth(deg):21.16



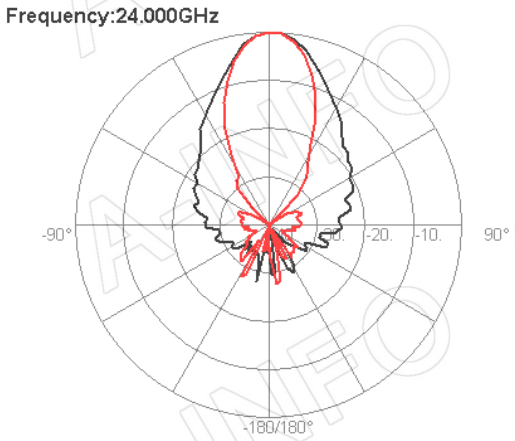
H-Plane
3dB Beamwidth(deg):19.46

E-Plane
3dB Beamwidth(deg):19.43



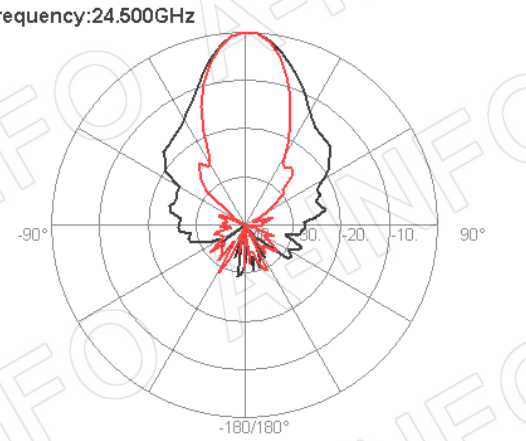
H-Plane
3dB Beamwidth(deg):18.27

E-Plane
3dB Beamwidth(deg):19.60



H-Plane
3dB Beamwidth(deg):18.71

E-Plane
3dB Beamwidth(deg):20.77



H-Plane
3dB Beamwidth(deg):17.96

E-Plane
3dB Beamwidth(deg):19.58

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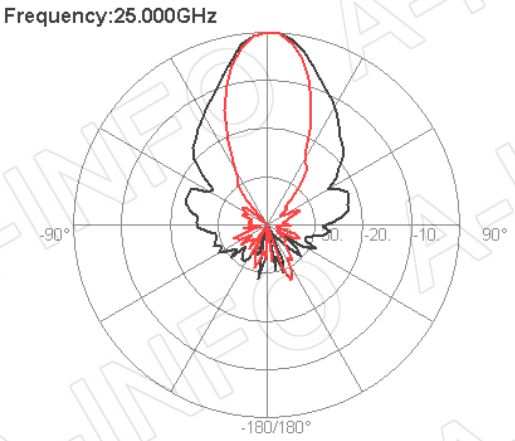
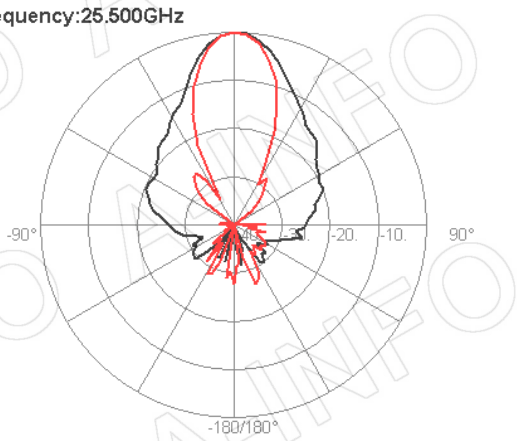
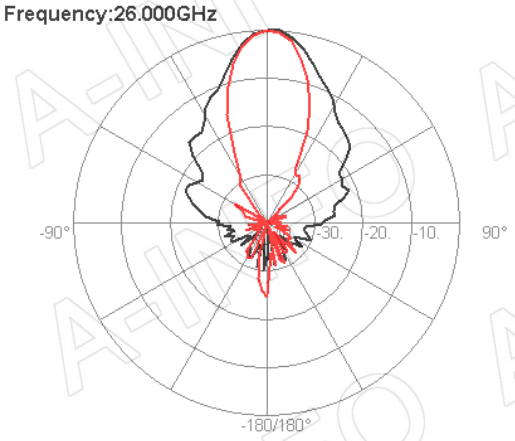


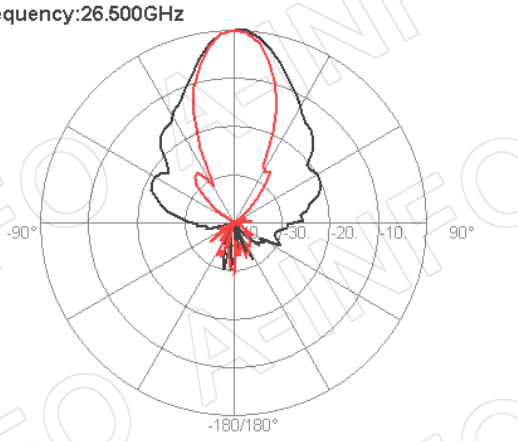
H-Plane 3dB Beamwidth(deg):17.50
E-Plane 3dB Beamwidth(deg):20.41



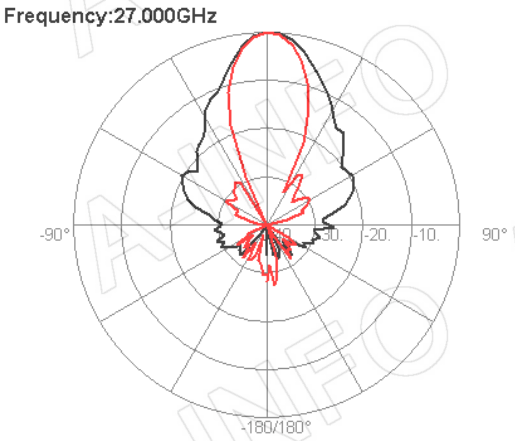
H-Plane 3dB Beamwidth(deg):17.41
E-Plane 3dB Beamwidth(deg):20.42



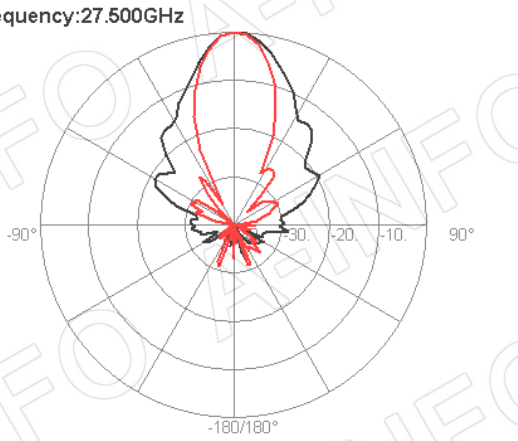
H-Plane 3dB Beamwidth(deg):16.89
E-Plane 3dB Beamwidth(deg):19.88



H-Plane 3dB Beamwidth(deg):16.70
E-Plane 3dB Beamwidth(deg):19.92



H-Plane 3dB Beamwidth(deg):16.54
E-Plane 3dB Beamwidth(deg):19.71



H-Plane 3dB Beamwidth(deg):16.32
E-Plane 3dB Beamwidth(deg):19.34

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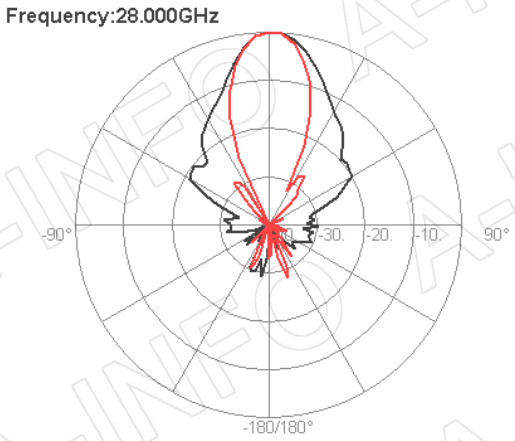
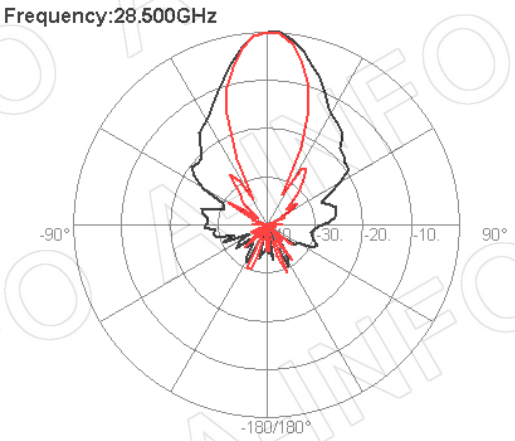
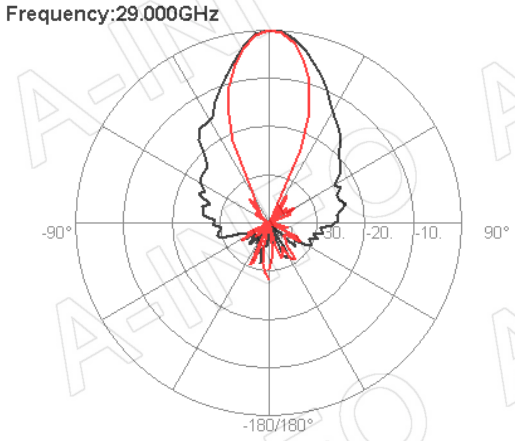


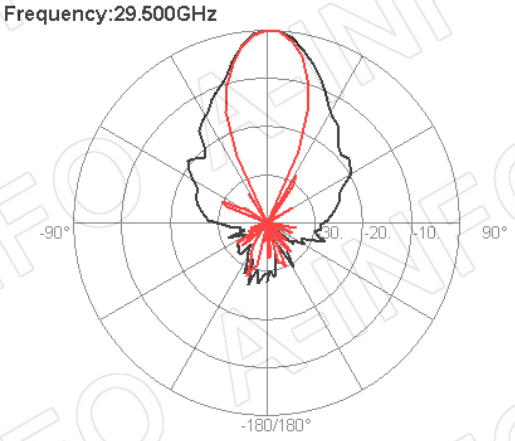
H-Plane 3dB Beamwidth(deg):17.06
E-Plane 3dB Beamwidth(deg):19.33



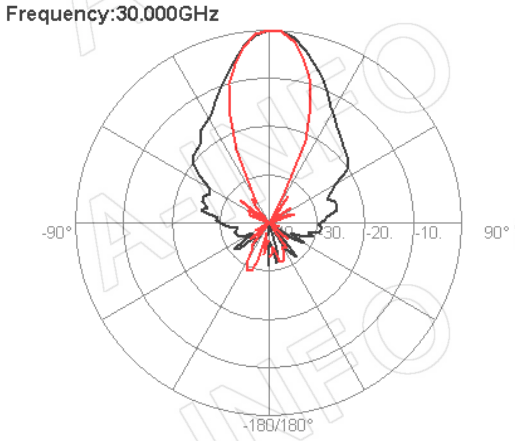
H-Plane 3dB Beamwidth(deg):16.89
E-Plane 3dB Beamwidth(deg):19.51



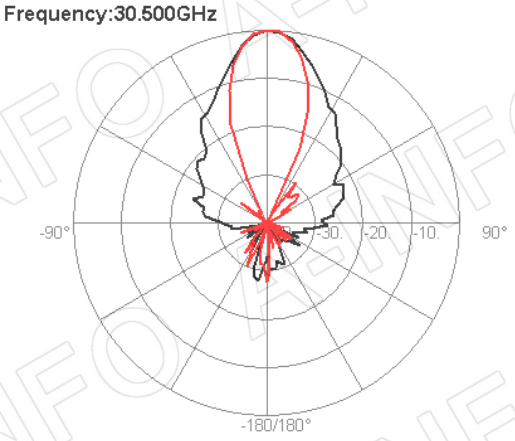
H-Plane 3dB Beamwidth(deg):16.31
E-Plane 3dB Beamwidth(deg):19.20



H-Plane 3dB Beamwidth(deg):17.32
E-Plane 3dB Beamwidth(deg):19.23



H-Plane 3dB Beamwidth(deg):16.89
E-Plane 3dB Beamwidth(deg):19.02



H-Plane 3dB Beamwidth(deg):17.06
E-Plane 3dB Beamwidth(deg):18.48

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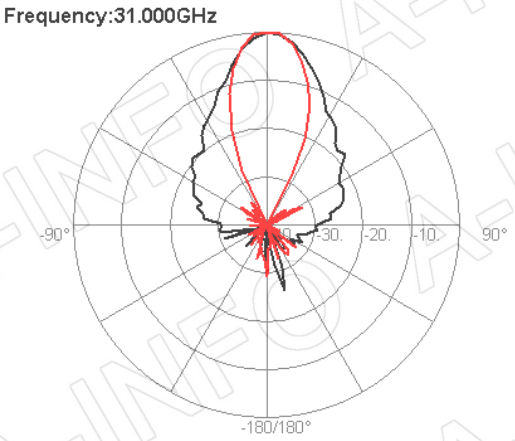
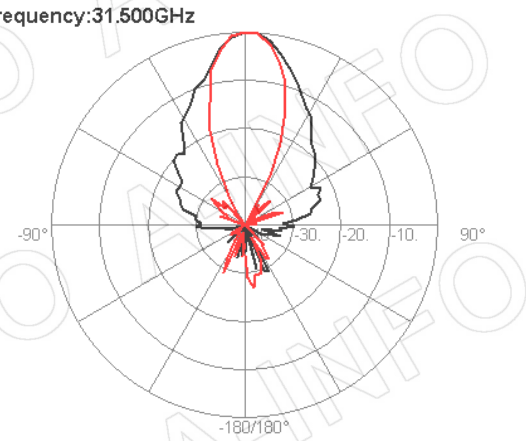


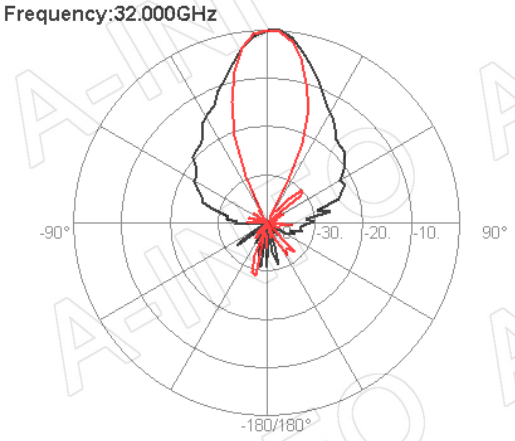
H-Plane
3dB Beamwidth(deg):17.39

E-Plane
3dB Beamwidth(deg):18.20



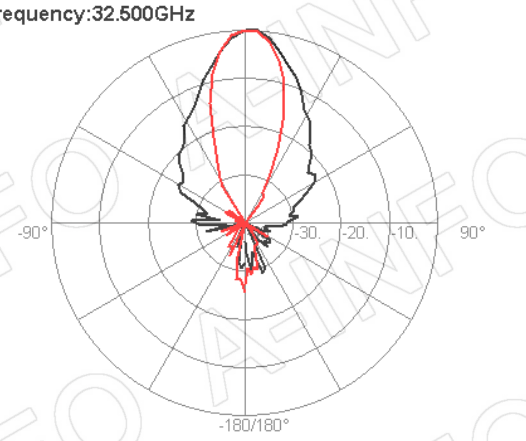
H-Plane
3dB Beamwidth(deg):15.83

E-Plane
3dB Beamwidth(deg):18.34



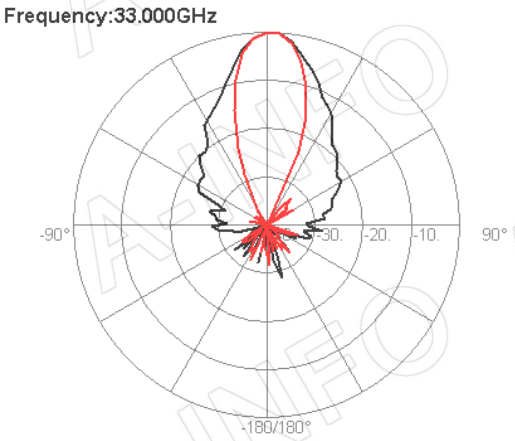
H-Plane
3dB Beamwidth(deg):16.67

E-Plane
3dB Beamwidth(deg):18.00



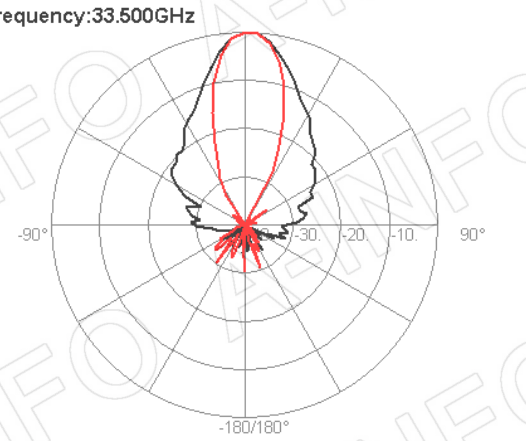
H-Plane
3dB Beamwidth(deg):15.33

E-Plane
3dB Beamwidth(deg):16.63



H-Plane
3dB Beamwidth(deg):15.43

E-Plane
3dB Beamwidth(deg):17.15



H-Plane
3dB Beamwidth(deg):15.30

E-Plane
3dB Beamwidth(deg):16.86

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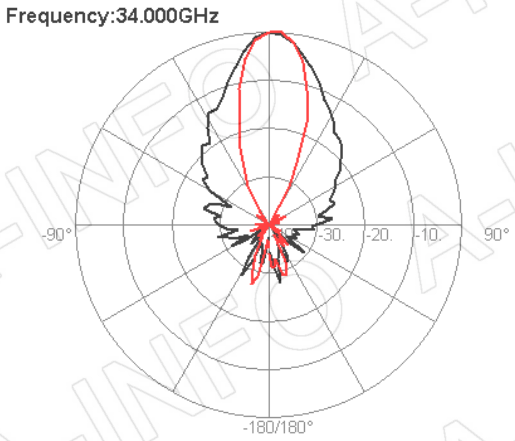
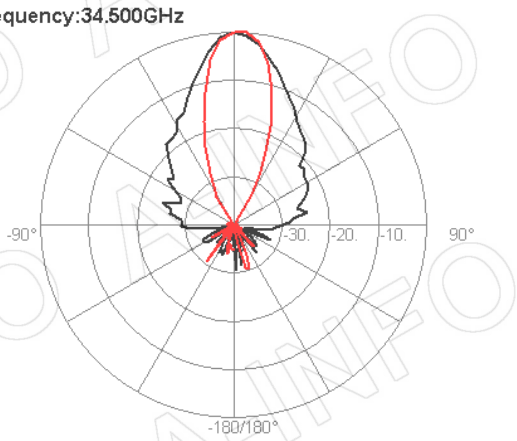


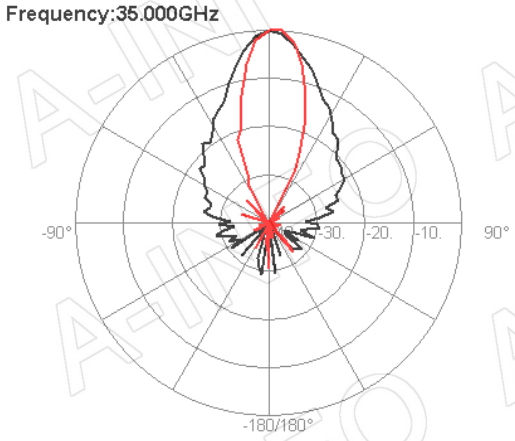
H-Plane
3dB Beamwidth(deg):14.43

E-Plane
3dB Beamwidth(deg):16.48



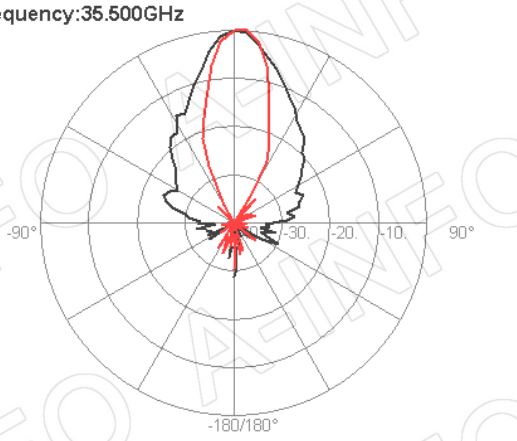
H-Plane
3dB Beamwidth(deg):14.51

E-Plane
3dB Beamwidth(deg):15.80



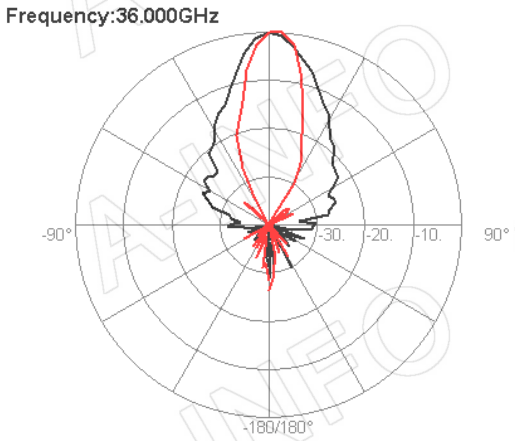
H-Plane
3dB Beamwidth(deg):13.39

E-Plane
3dB Beamwidth(deg):15.41



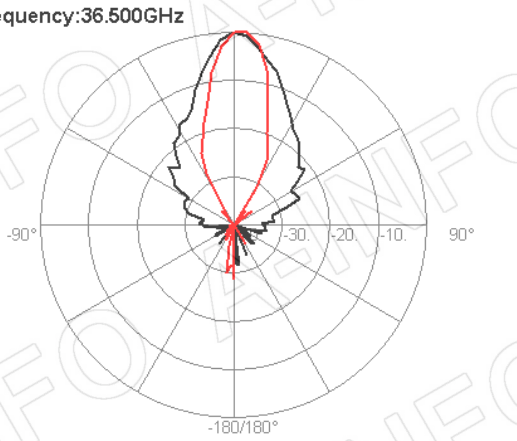
H-Plane
3dB Beamwidth(deg):13.11

E-Plane
3dB Beamwidth(deg):15.03



H-Plane
3dB Beamwidth(deg):12.75

E-Plane
3dB Beamwidth(deg):14.82



H-Plane
3dB Beamwidth(deg):12.61

E-Plane
3dB Beamwidth(deg):13.85

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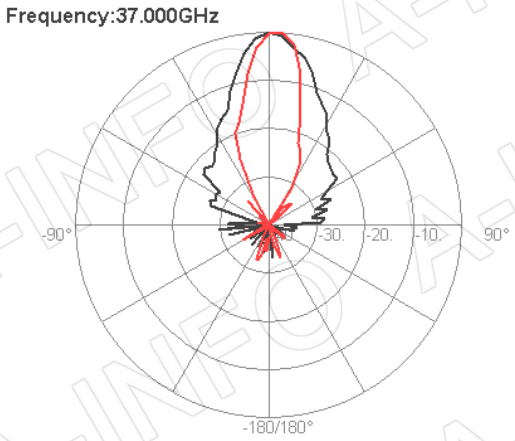
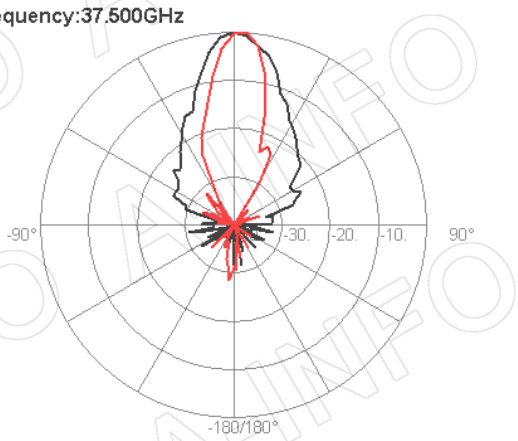


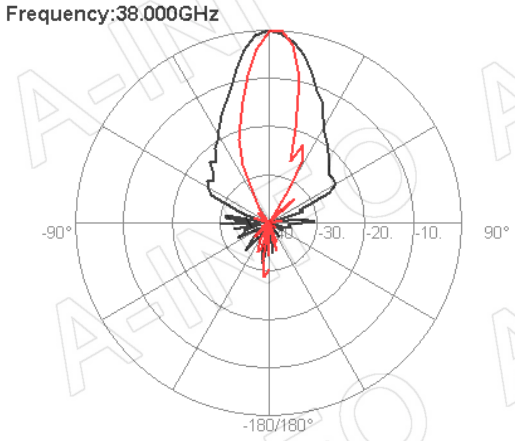
H-Plane
3dB Beamwidth(deg):12.06

E-Plane
3dB Beamwidth(deg):14.71



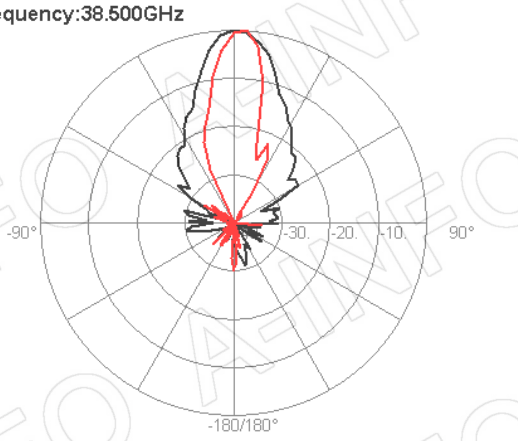
H-Plane
3dB Beamwidth(deg):11.56

E-Plane
3dB Beamwidth(deg):15.35



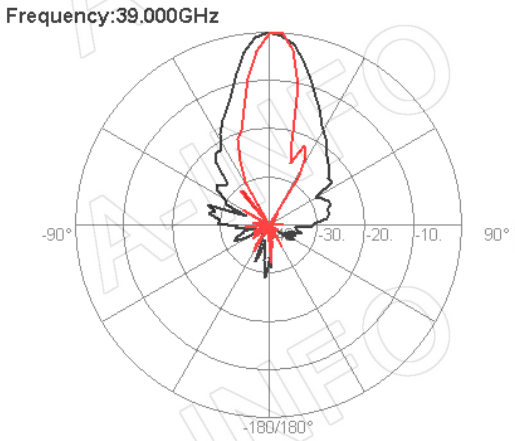
H-Plane
3dB Beamwidth(deg):11.05

E-Plane
3dB Beamwidth(deg):15.76



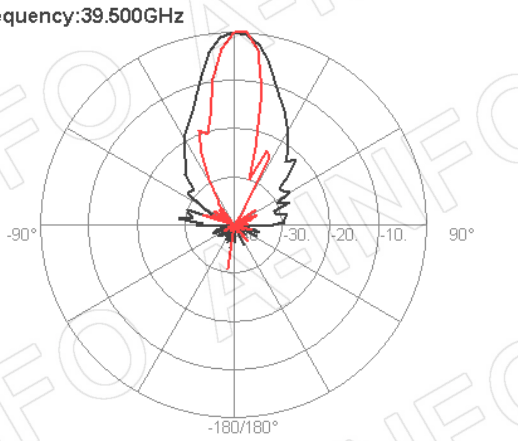
H-Plane
3dB Beamwidth(deg):10.67

E-Plane
3dB Beamwidth(deg):15.89



H-Plane
3dB Beamwidth(deg):10.63

E-Plane
3dB Beamwidth(deg):15.56



H-Plane
3dB Beamwidth(deg):11.02

E-Plane
3dB Beamwidth(deg):15.41

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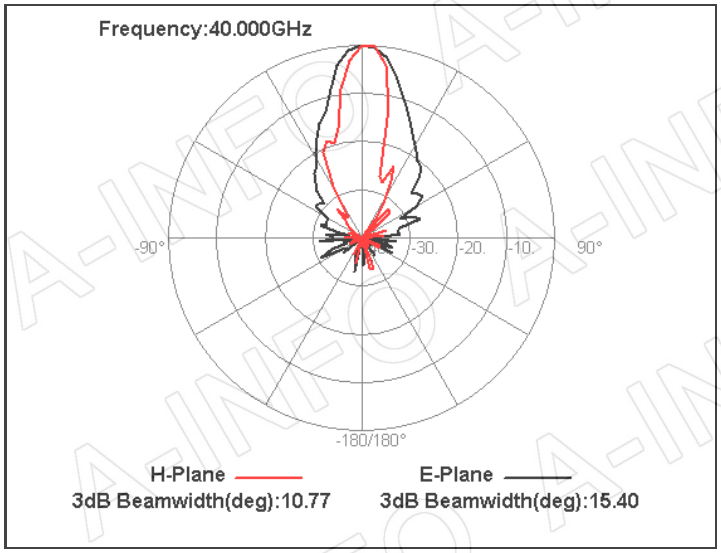

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