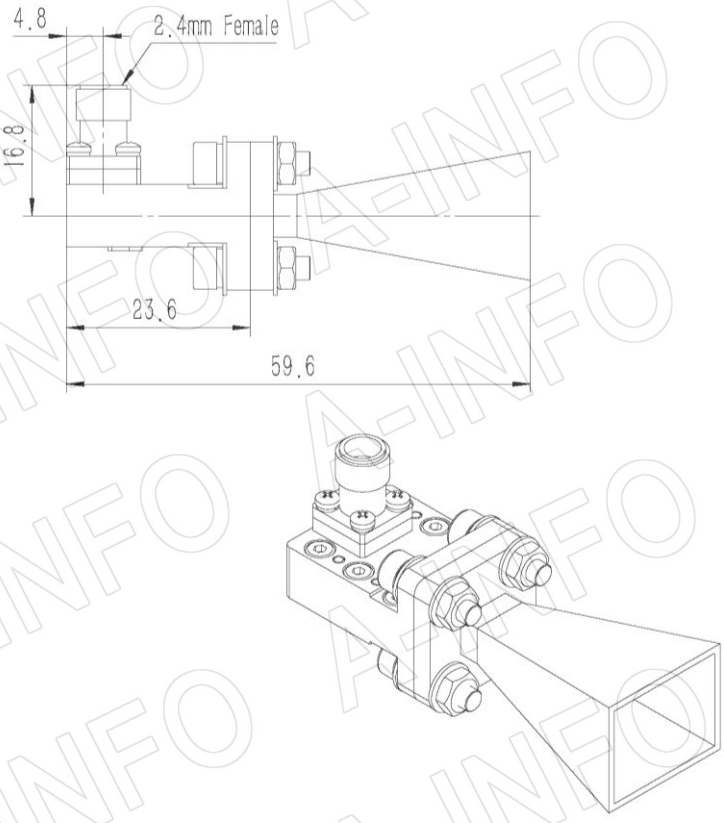
Technical Specification

Frequency Range(GHz)	24.0 - 50.0	
Waveguide	WR28	
Gain(dBi)	15 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E Plane:	28 Typ.
	H Plane:	30 Typ.
Cross Pol. Isolation(dB)	35 Typ.	
VSWR	1.40:1 Typ.	
Output	2.4mm-Female	
Material	Cu	
Size(mm)	20.2 x 26.3 x 59.6	
Net Weight(Kg)	0.06 Around	

Outline Drawing (Size: mm)

2.4mm-Female Output (P/N: LB-28-15-68-C-2.4F)



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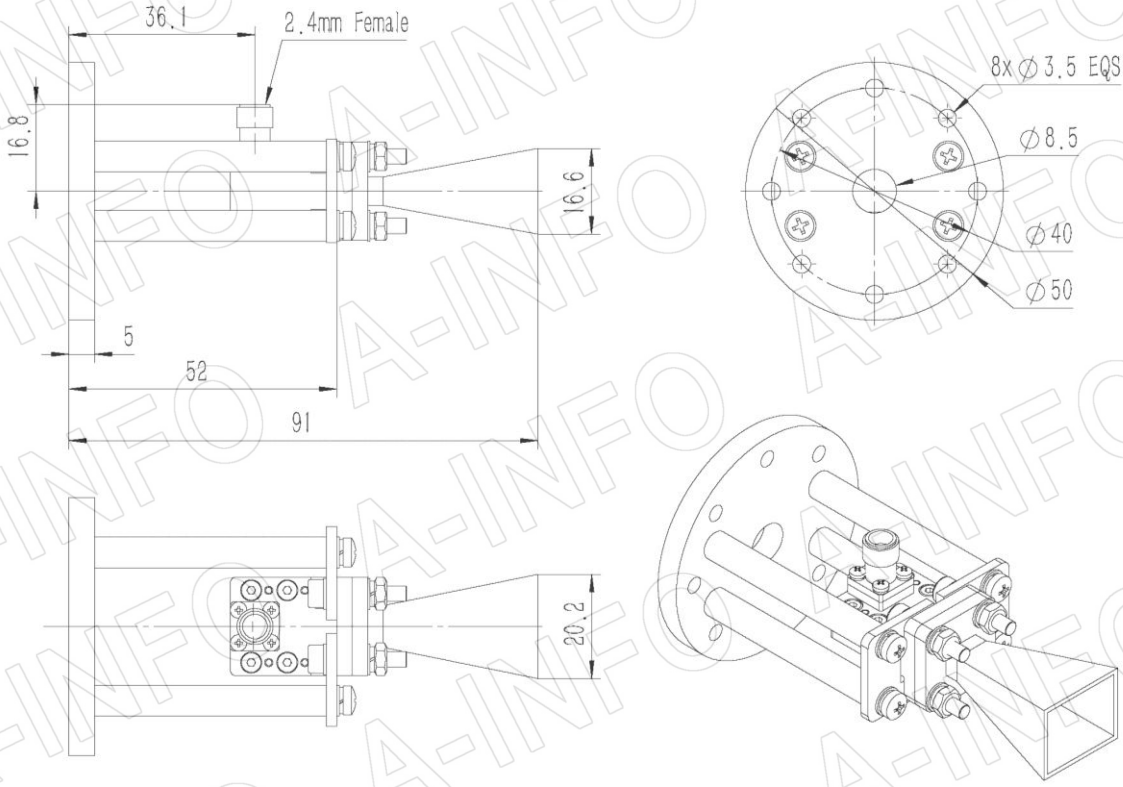
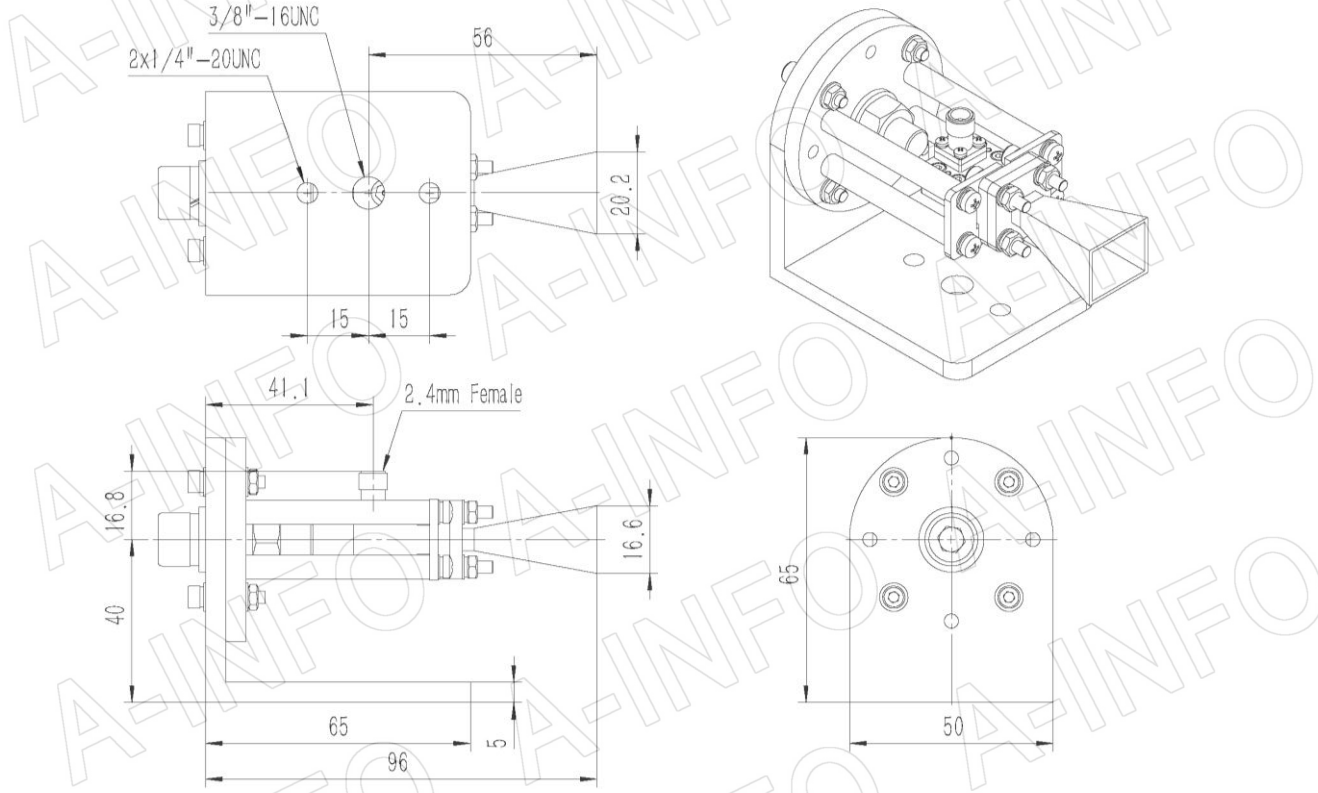
2.4mm-Female Output with Round Mounting Bracket (Option, P/N: LB-28-10-C-MB)



2.4mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-28-10-C-MBL)



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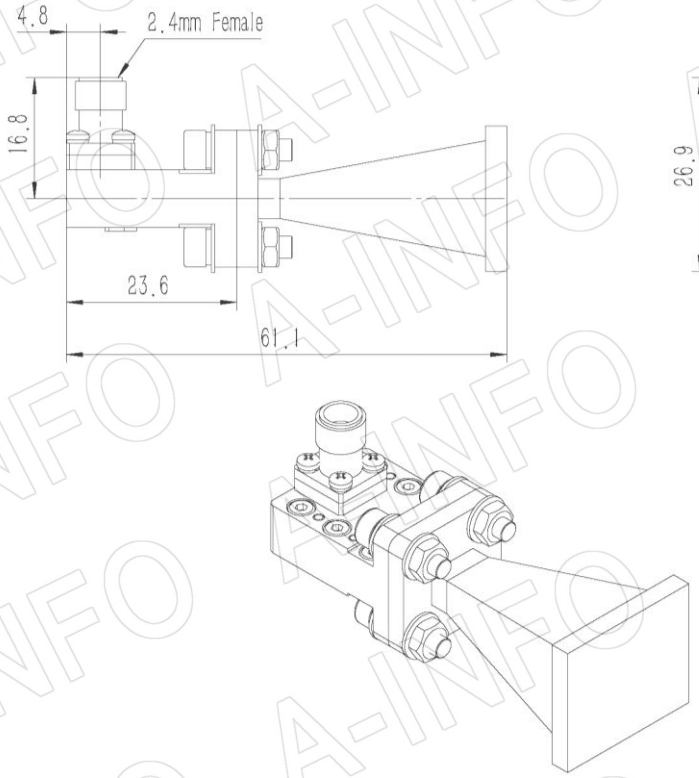
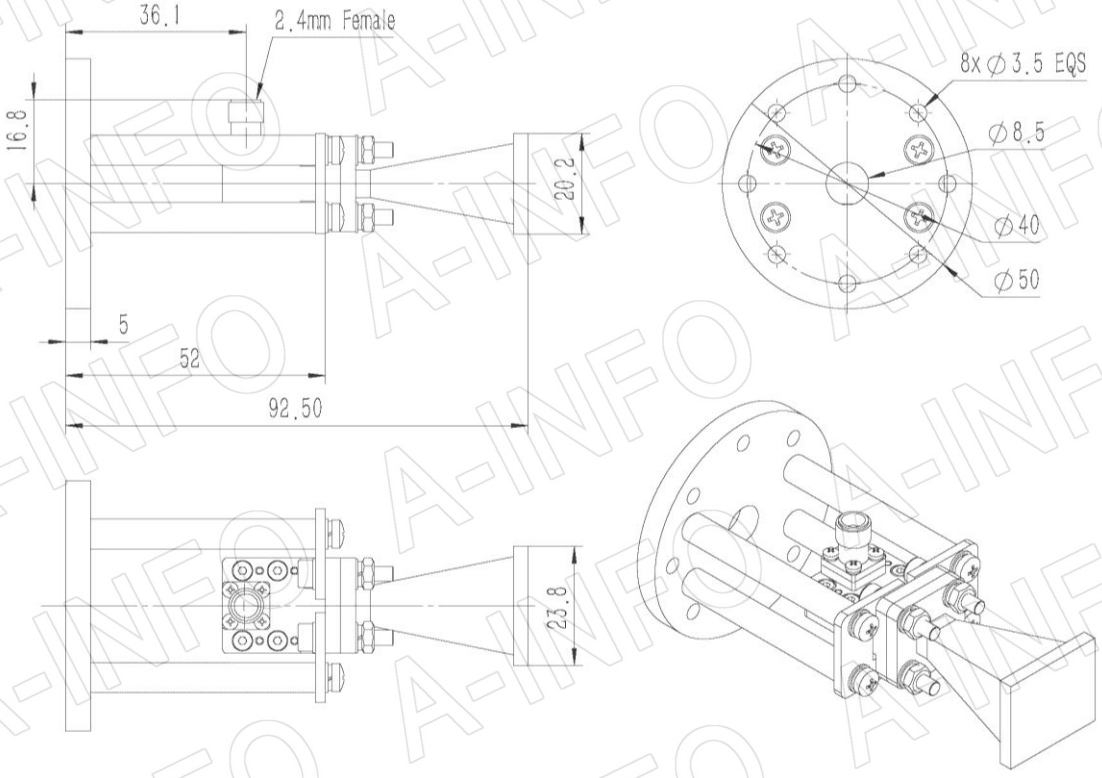
2.4mm-Female Output with Radome (Option, P/N: LB-28-15-68-C-2.4FSPO, Outdoor Application)



2.4mm-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-28-10-C-MB & LB-28-15-68-C-2.4FSPO, Outdoor Application)



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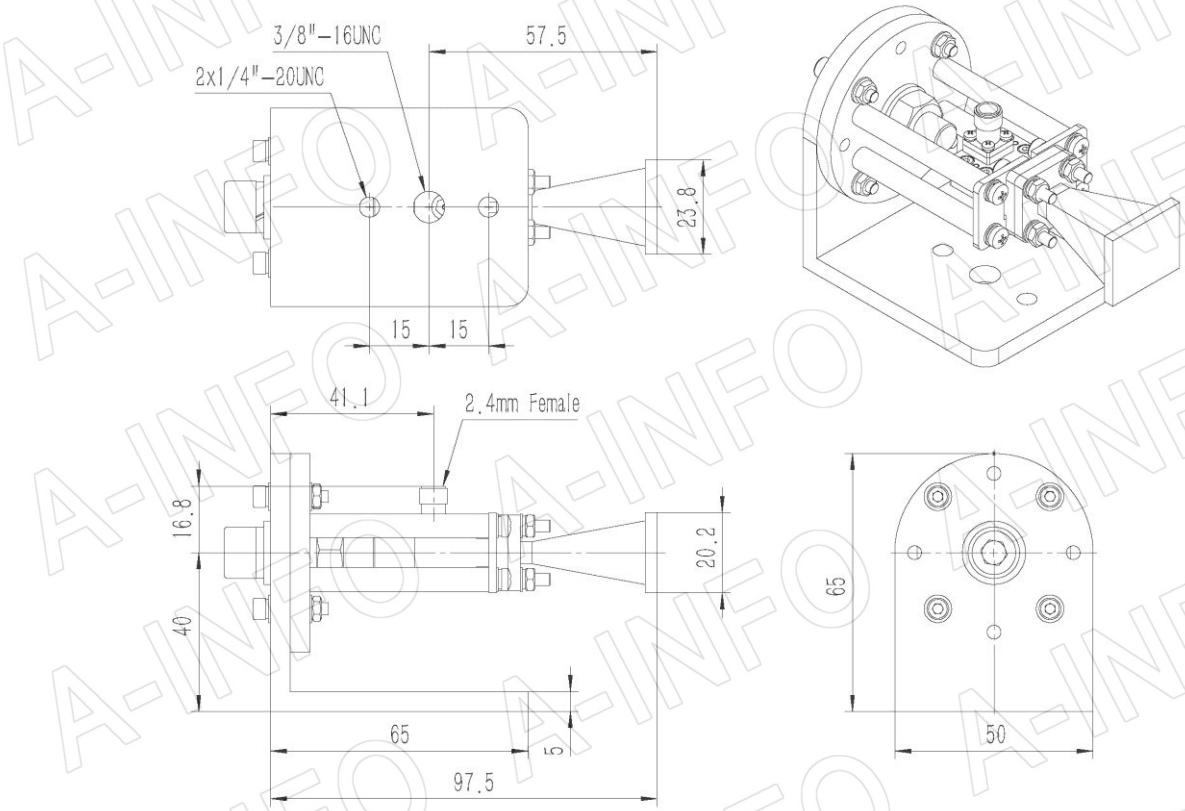
2.4mm-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-28-10-C-MBL & LB-28-15-68-C-2.4FSPO, Outdoor Application)



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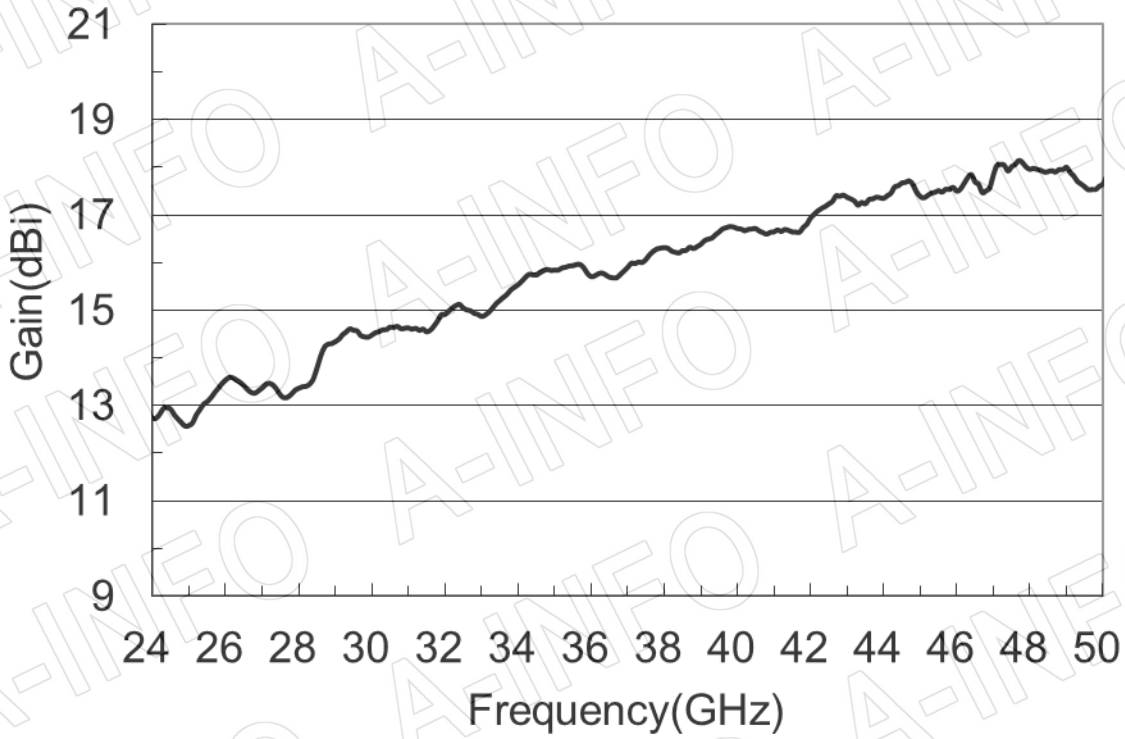
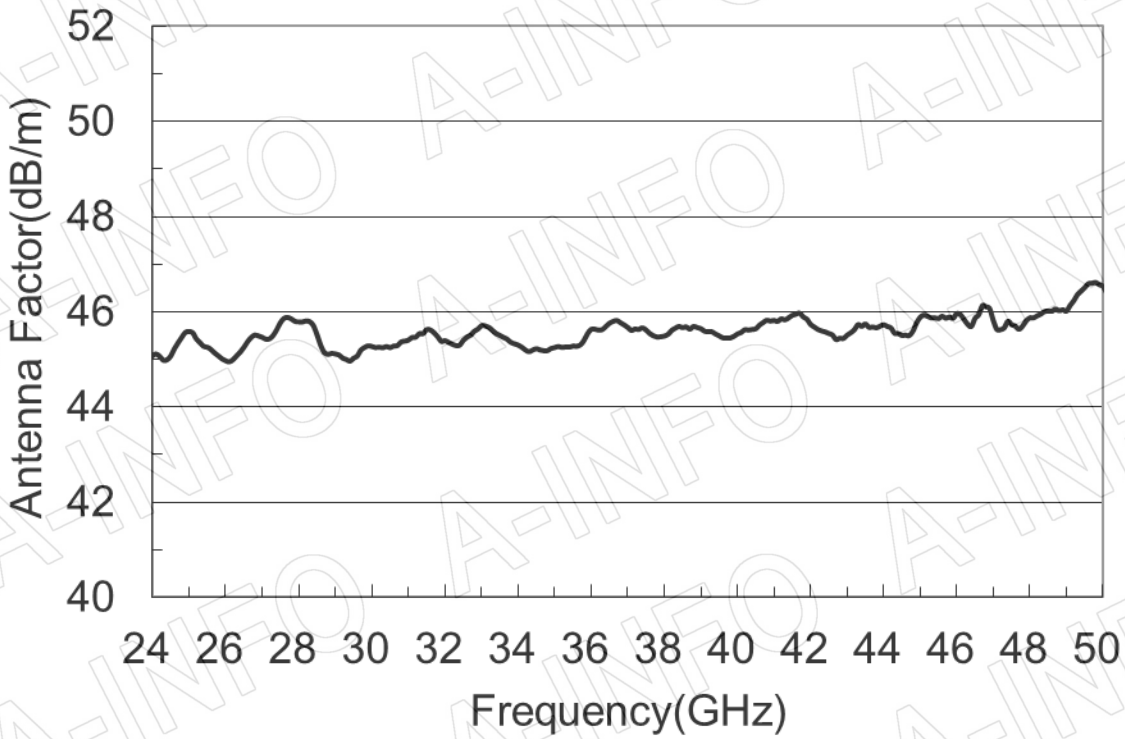
Test Results

1. Gain & Antenna Factor





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Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
24	12.74	45.08
25	12.58	45.59
26	13.54	44.97
27	13.37	45.47
28	13.36	45.79
29	14.34	45.12
30	14.48	45.27
31	14.63	45.41
32	14.92	45.40
33	14.87	45.71
34	15.54	45.30
35	15.84	45.25
36	15.70	45.63
37	15.90	45.67
38	16.32	45.49
39	16.38	45.65
40	16.72	45.54
41	16.65	45.82
42	16.94	45.74
43	17.37	45.51
44	17.35	45.73
45	17.39	45.89
46	17.50	45.97
47	17.84	45.82
48	17.96	45.88
49	18.00	46.01
50	17.65	46.54

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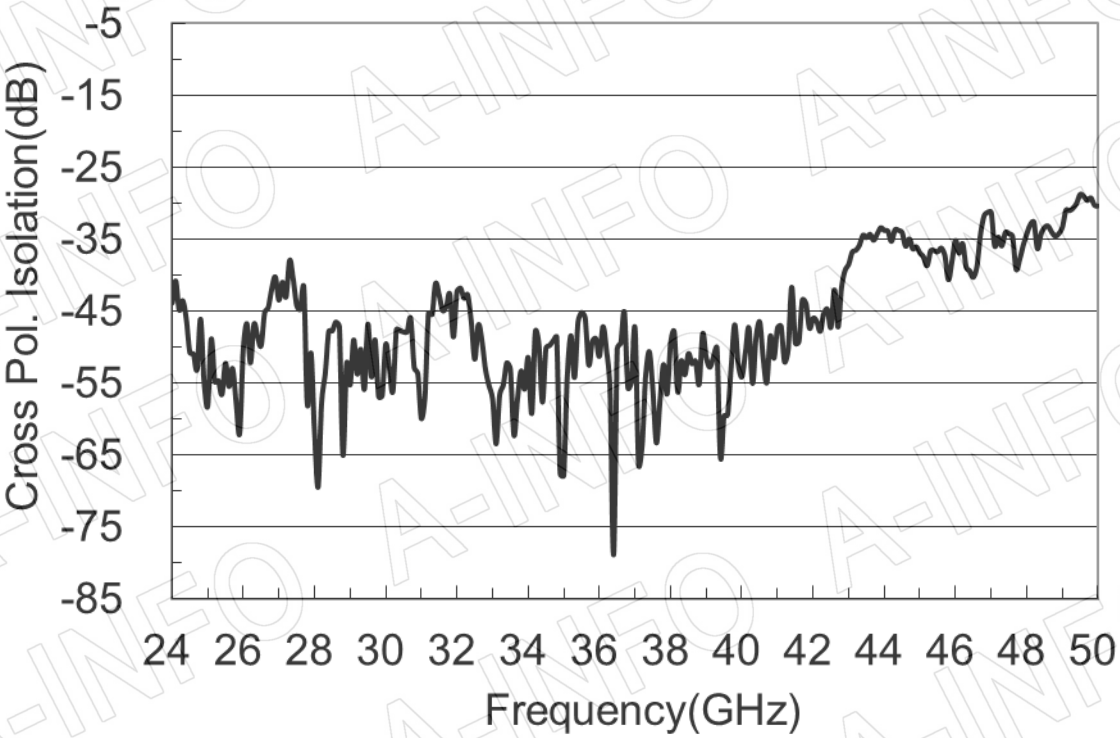
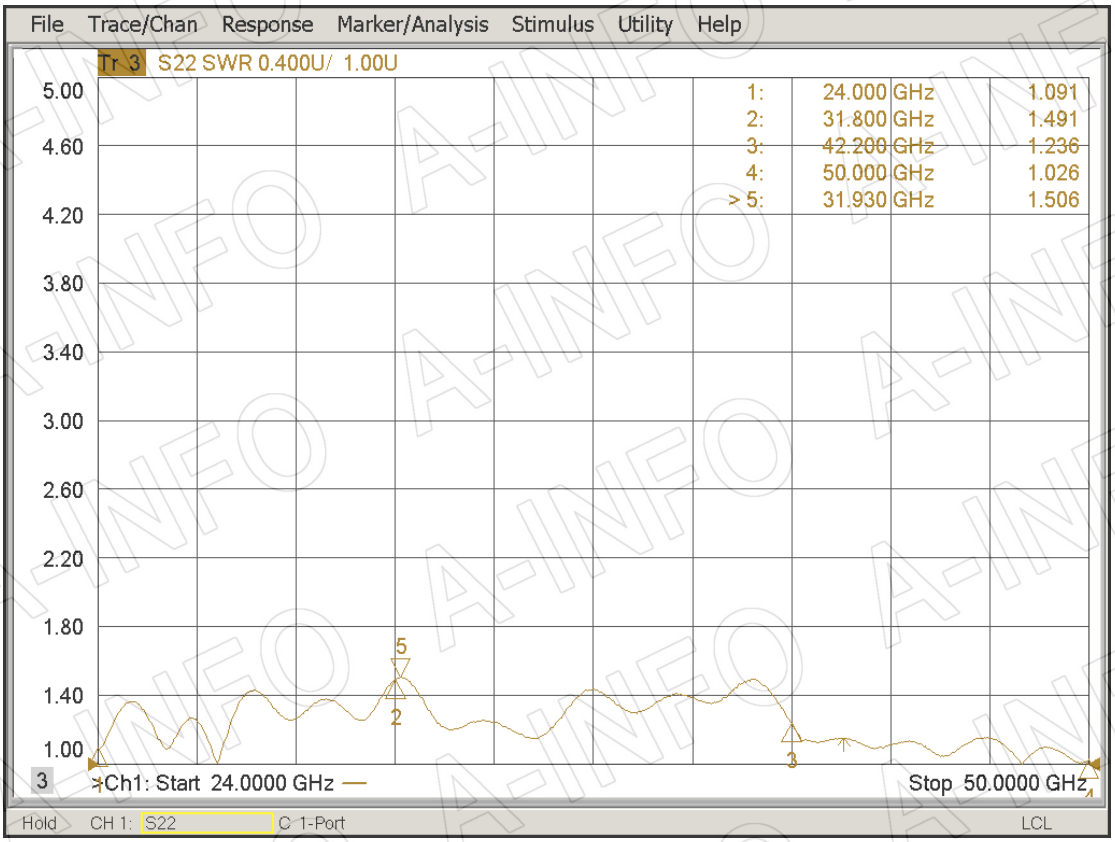
2. Cross Polarization Isolation



3. VSWR



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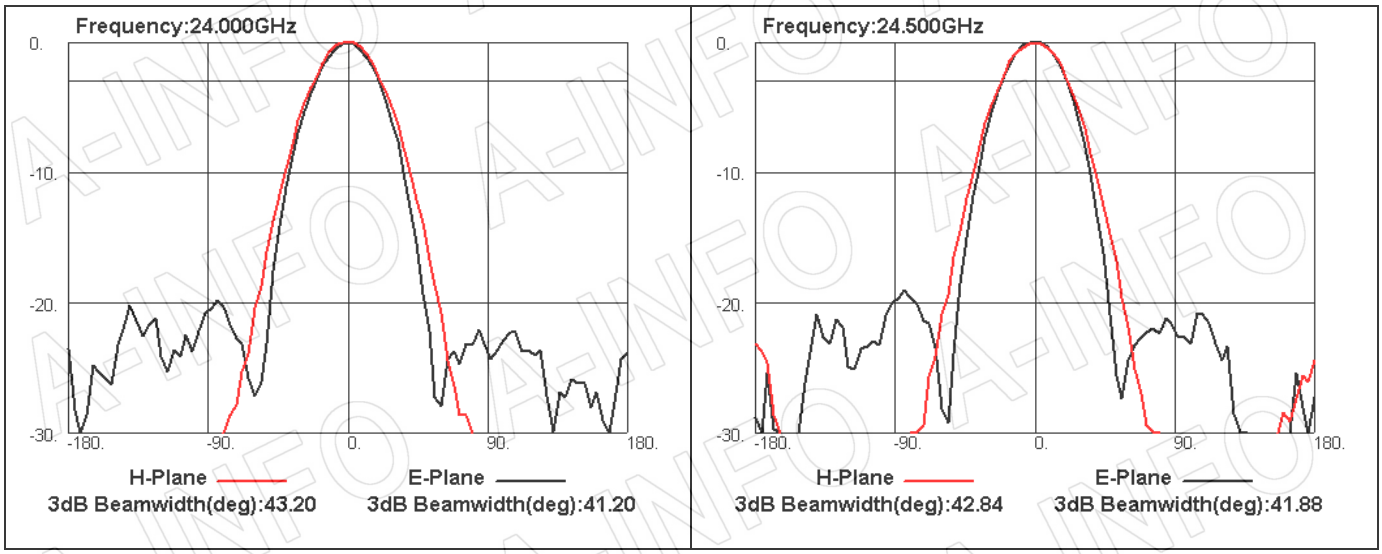
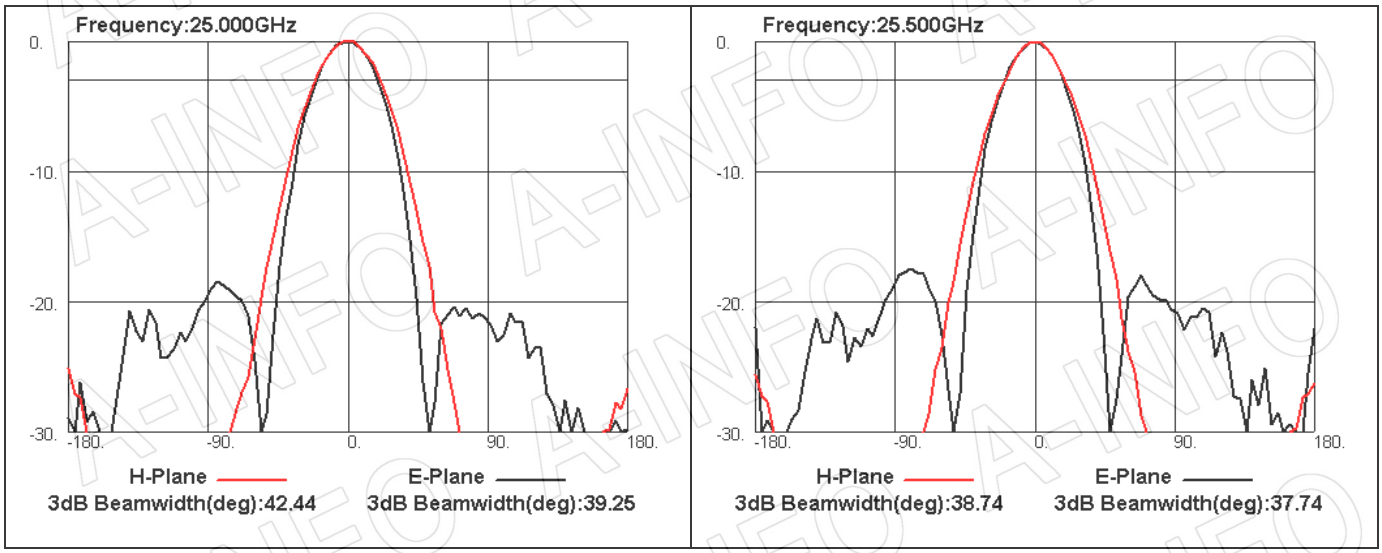
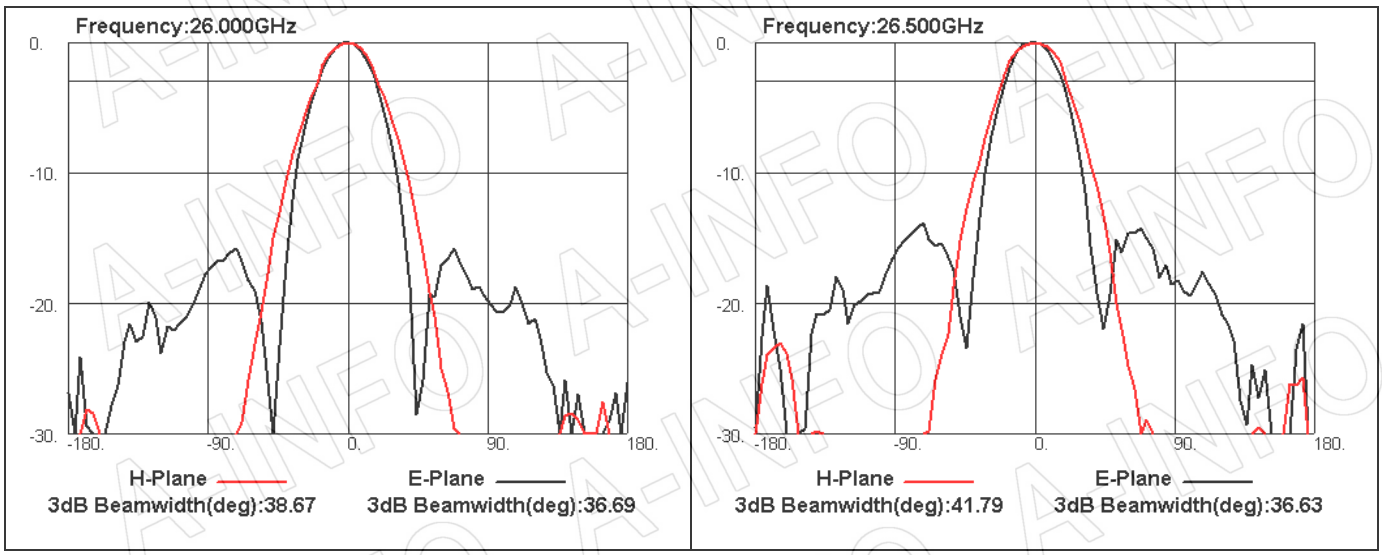
4. Pattern







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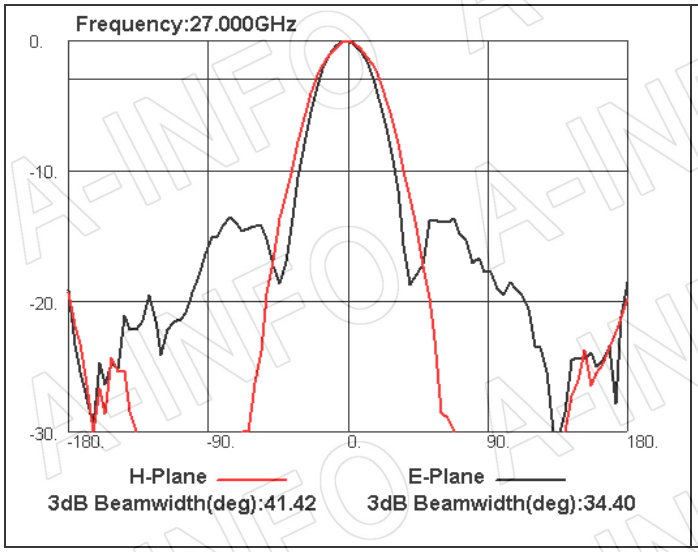

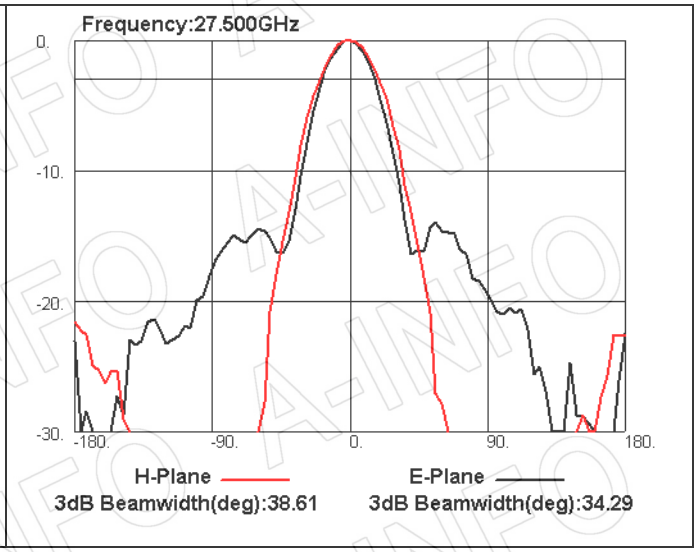

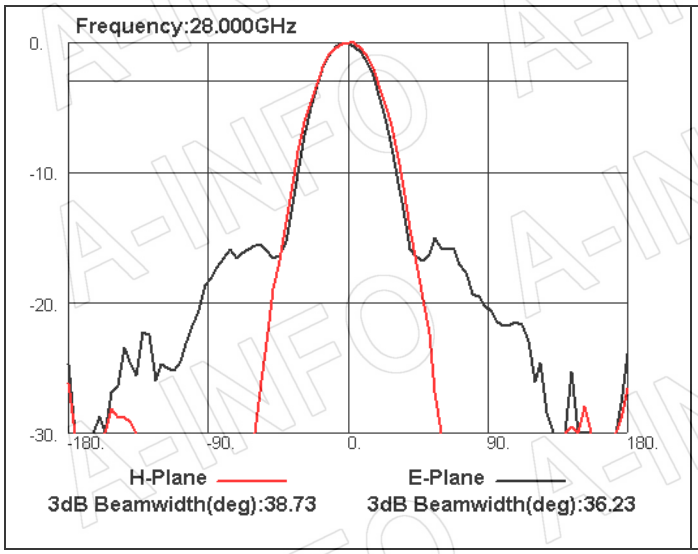

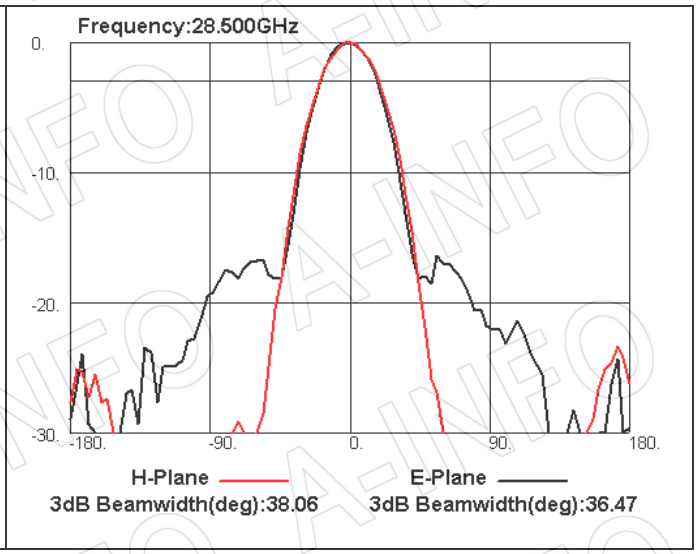

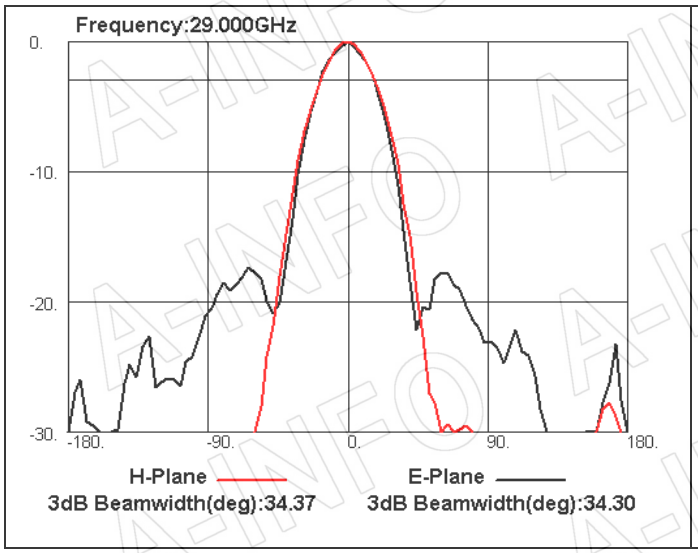

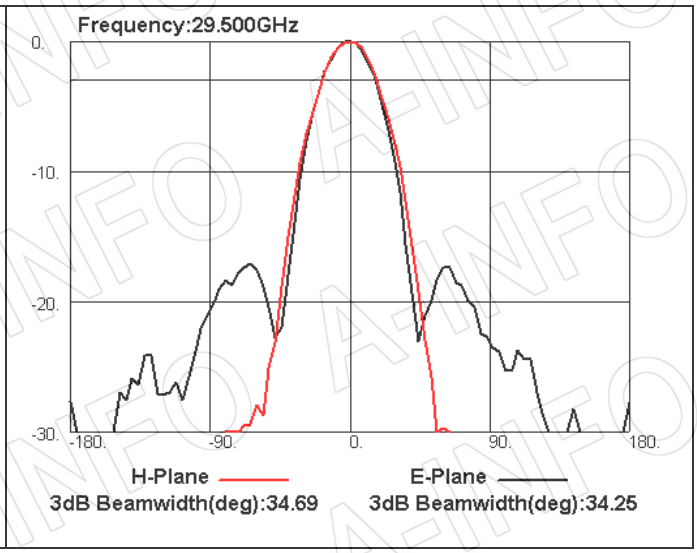

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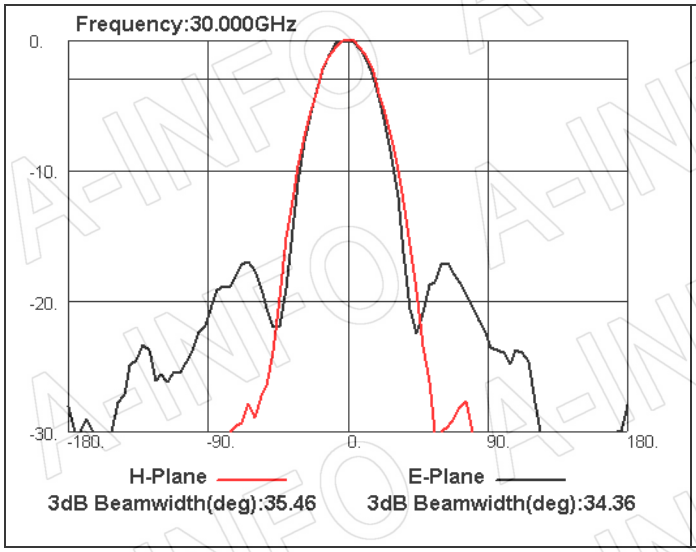

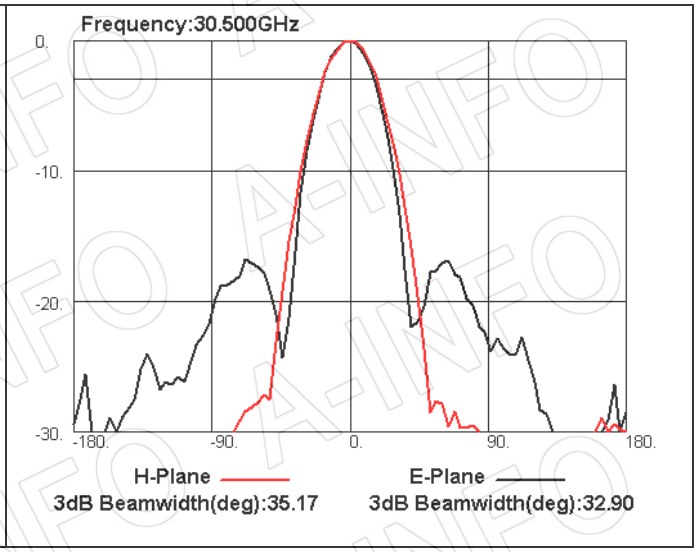

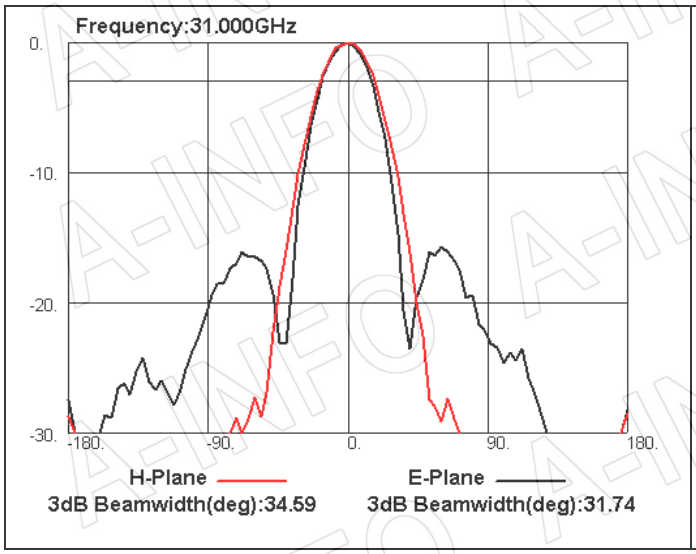

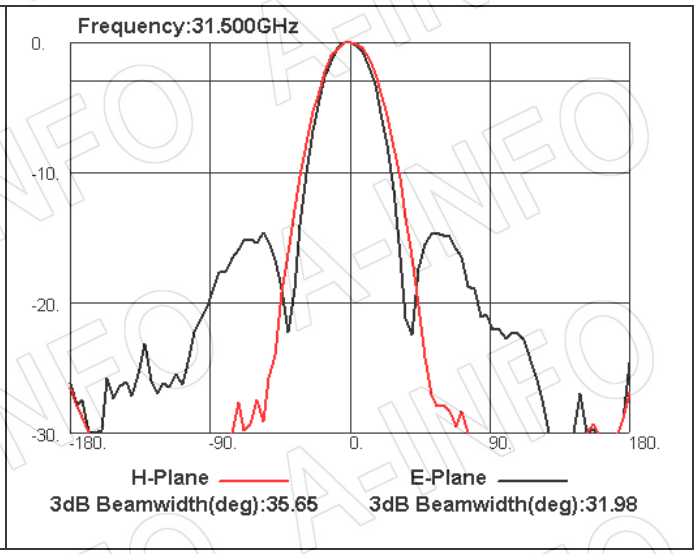

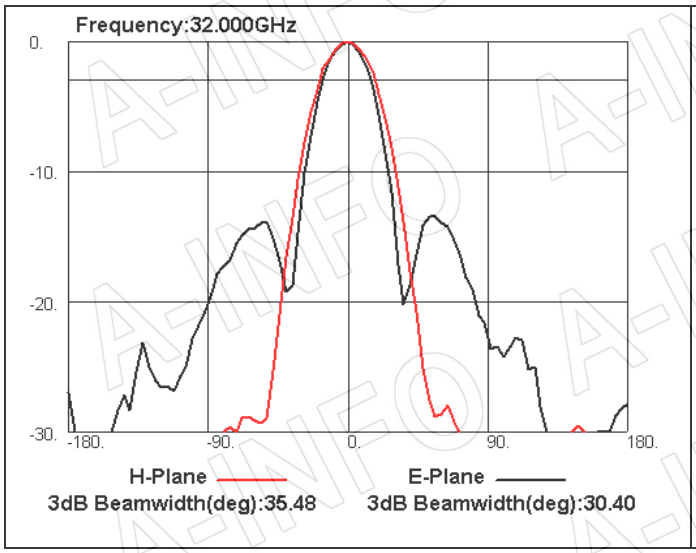

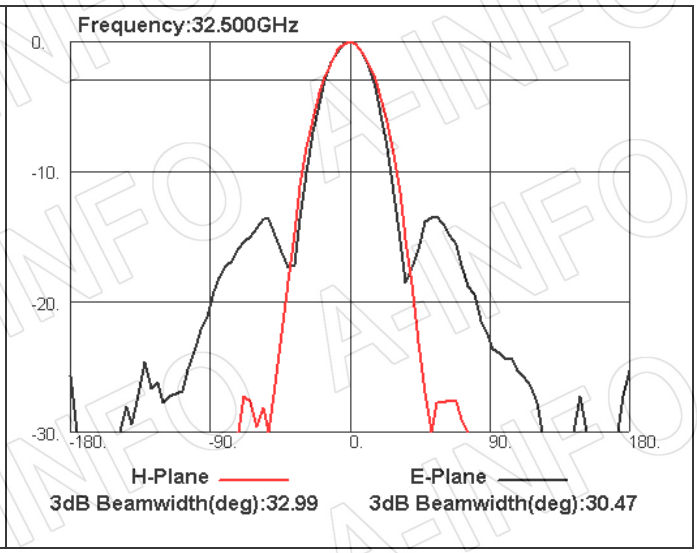

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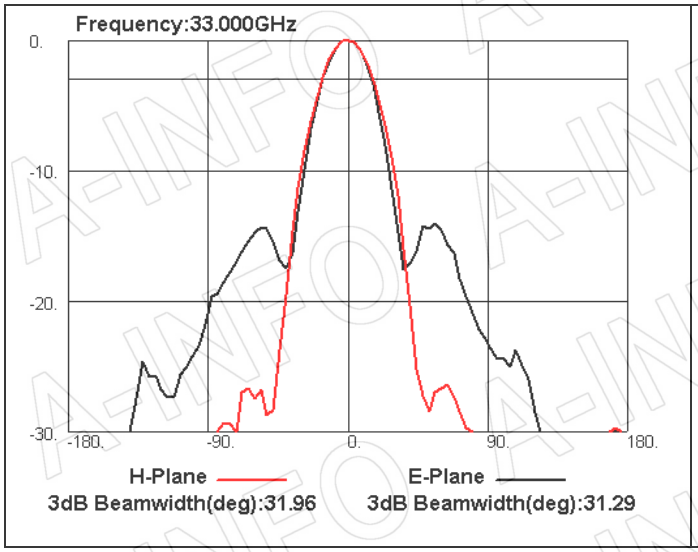

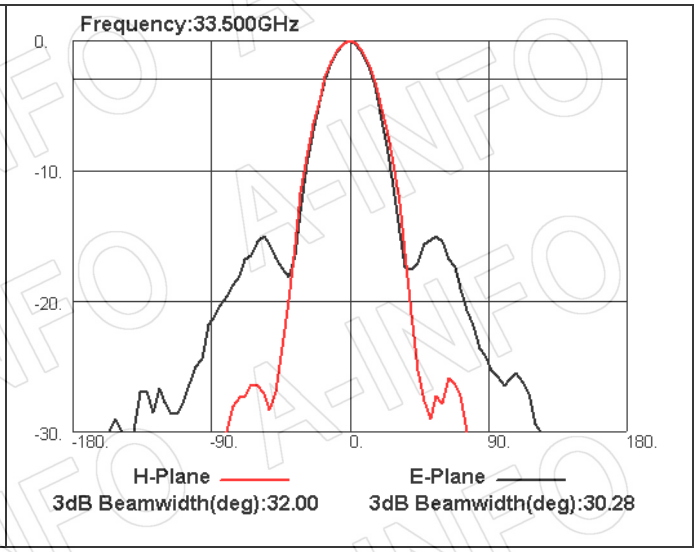

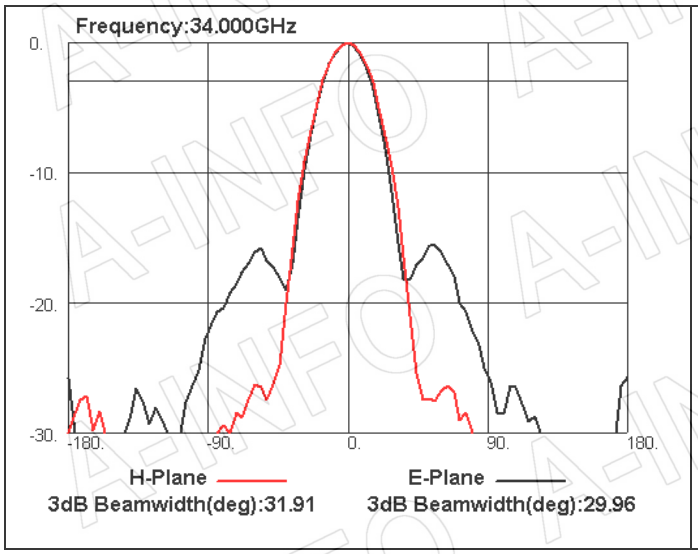

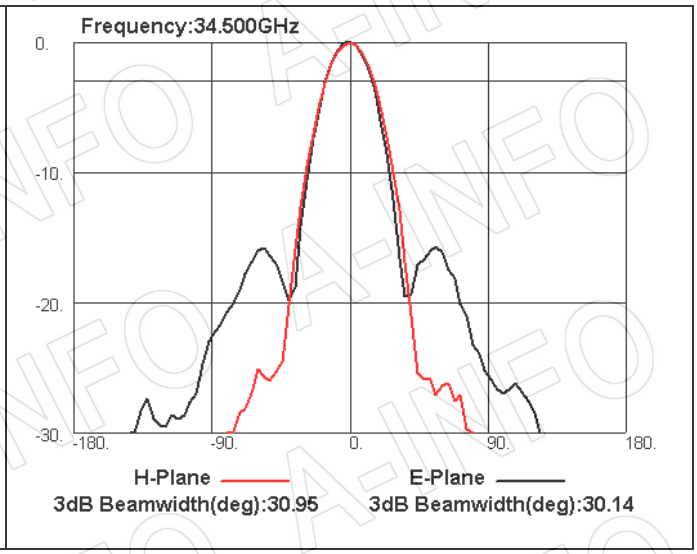

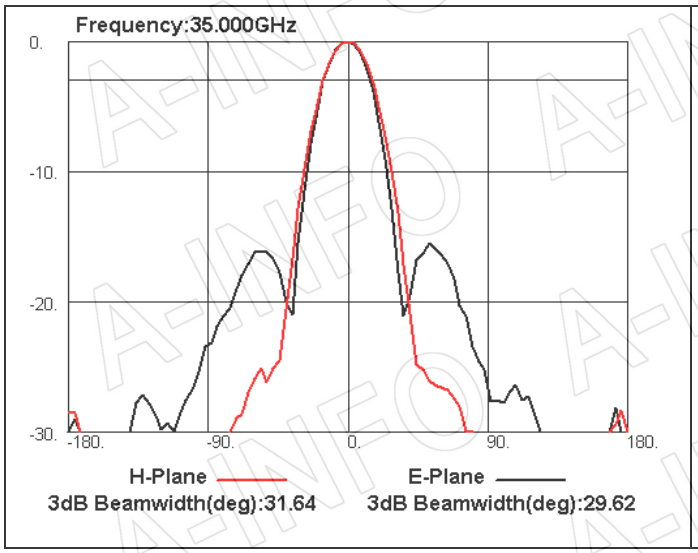

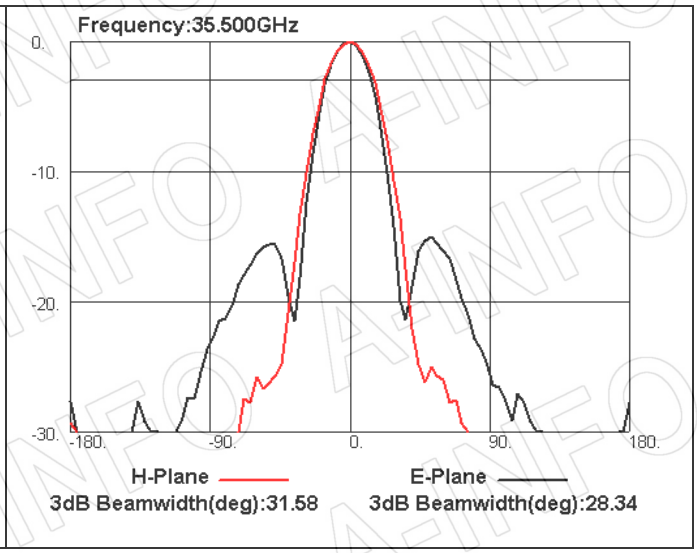

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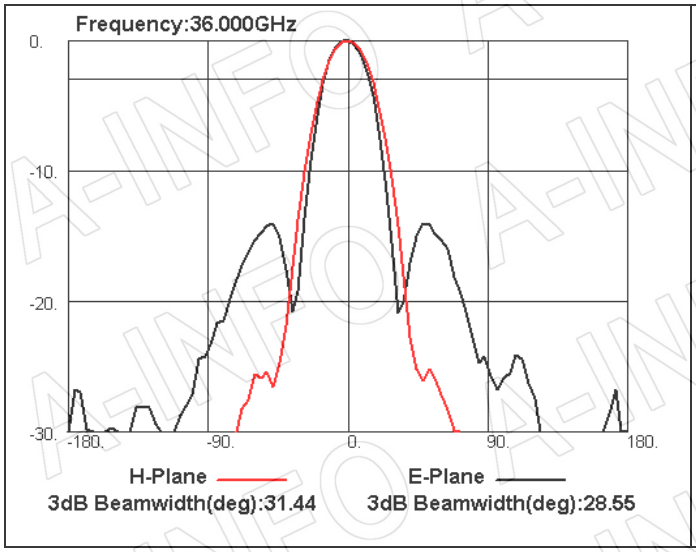

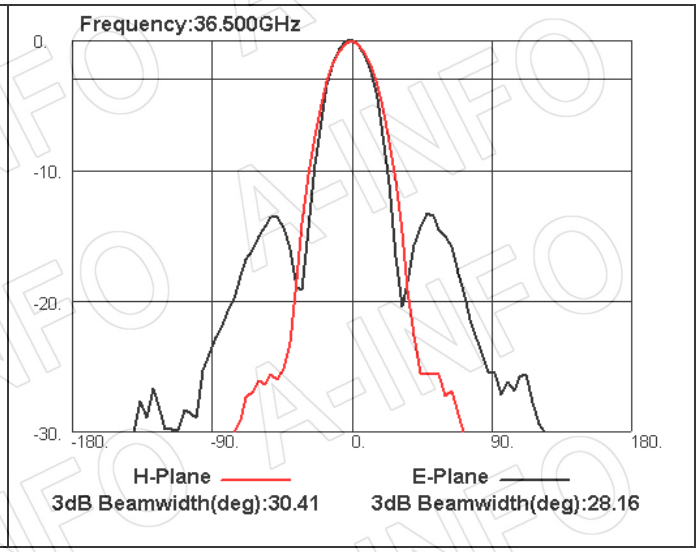

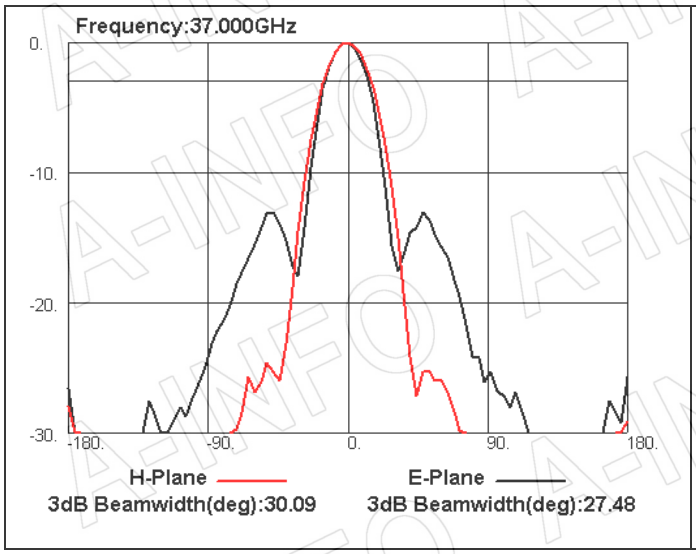

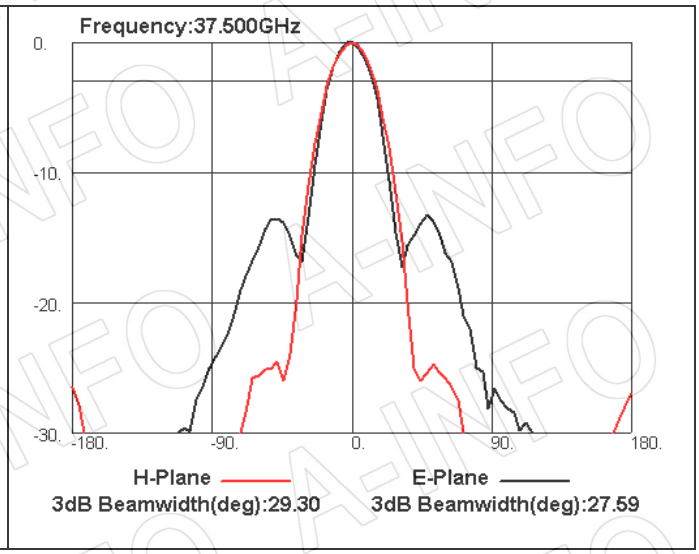

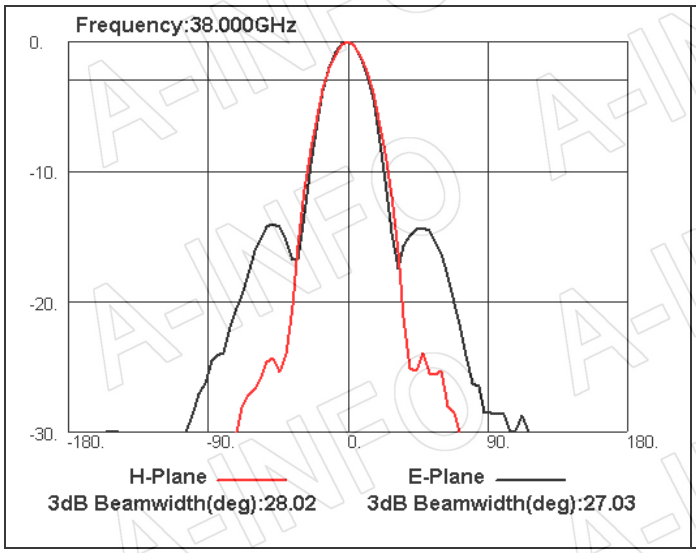

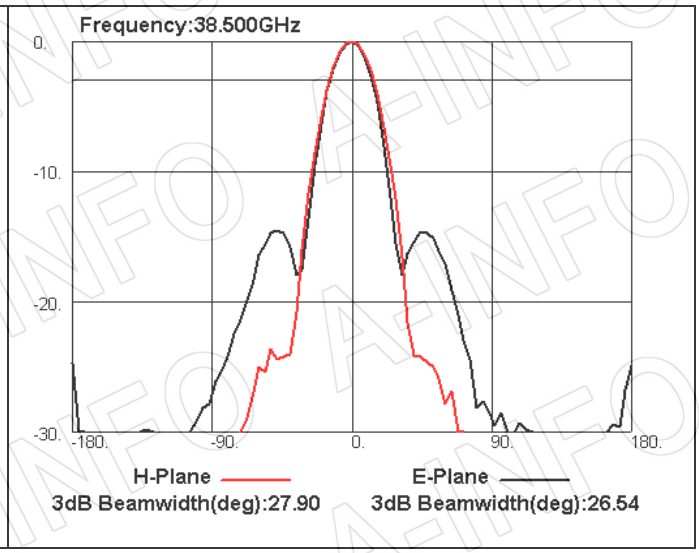

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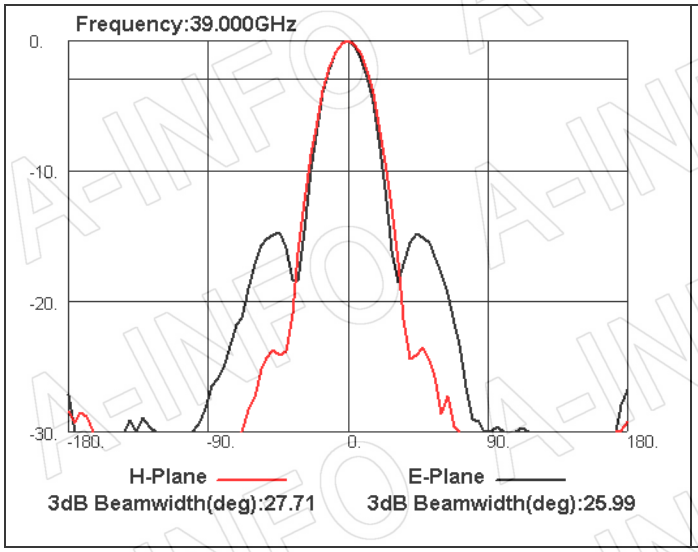

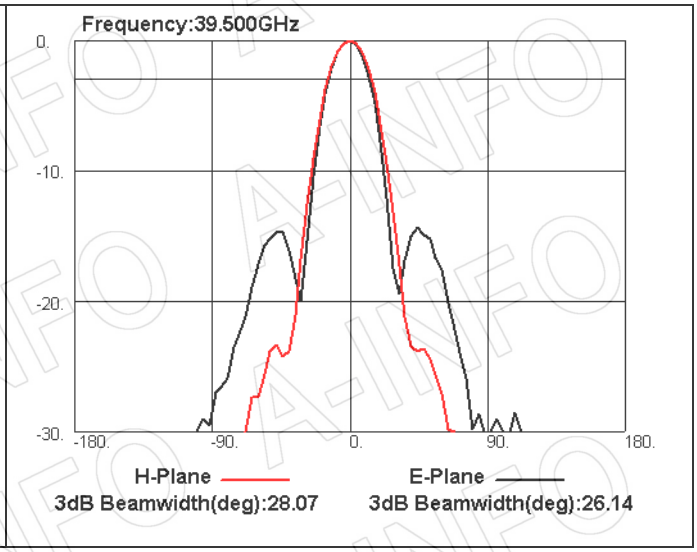

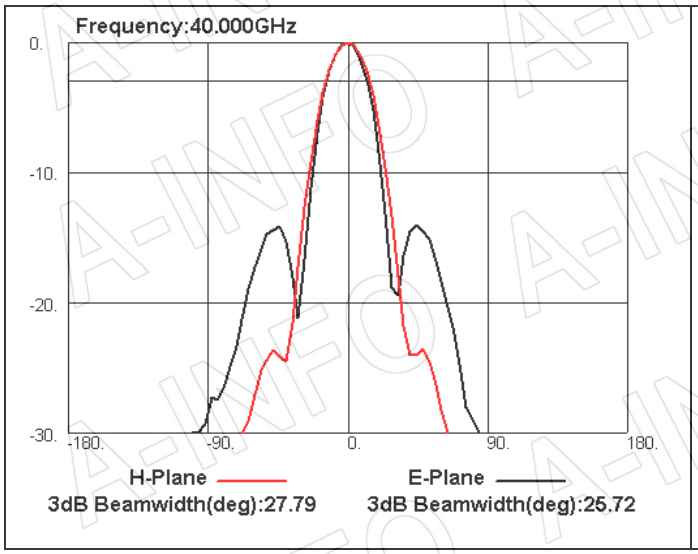

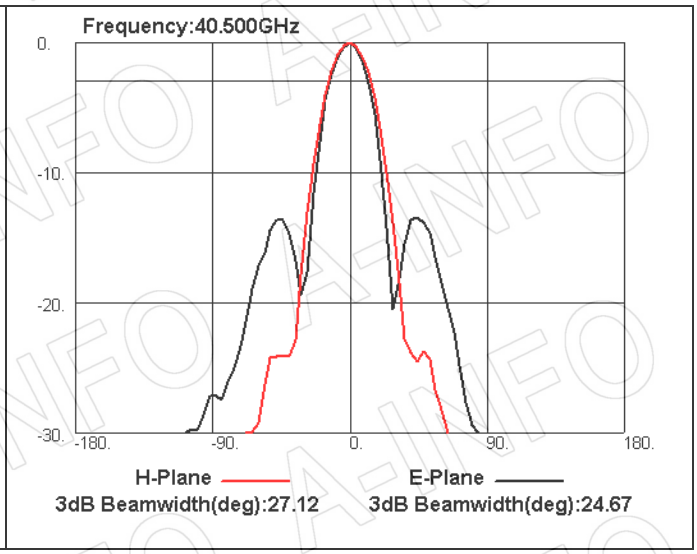

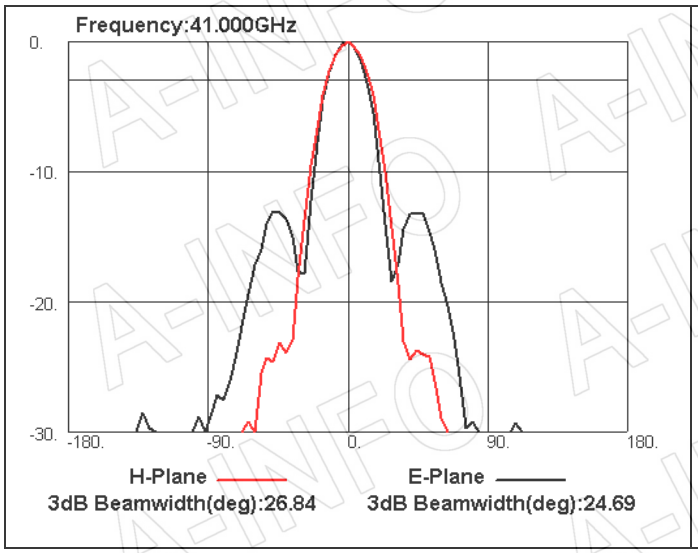

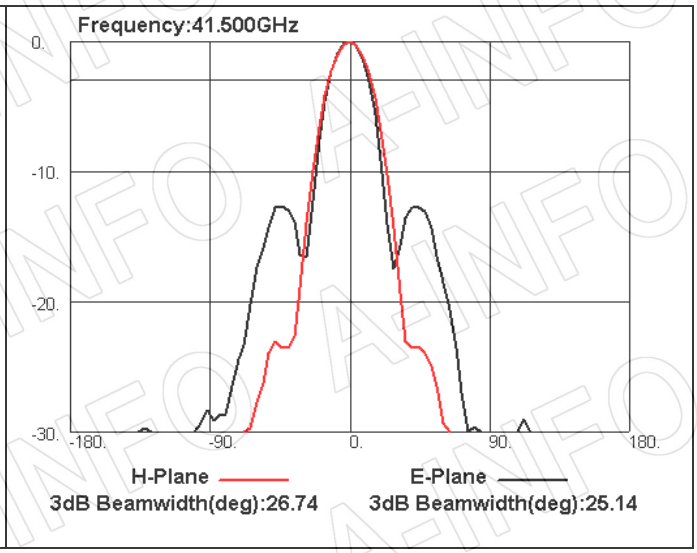

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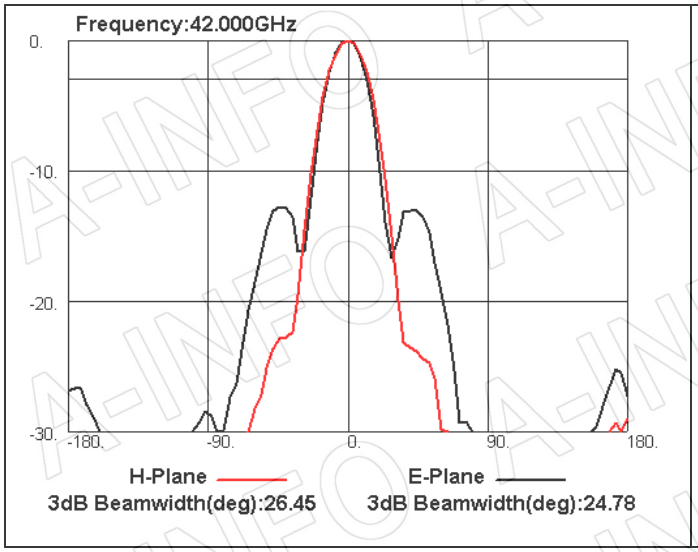

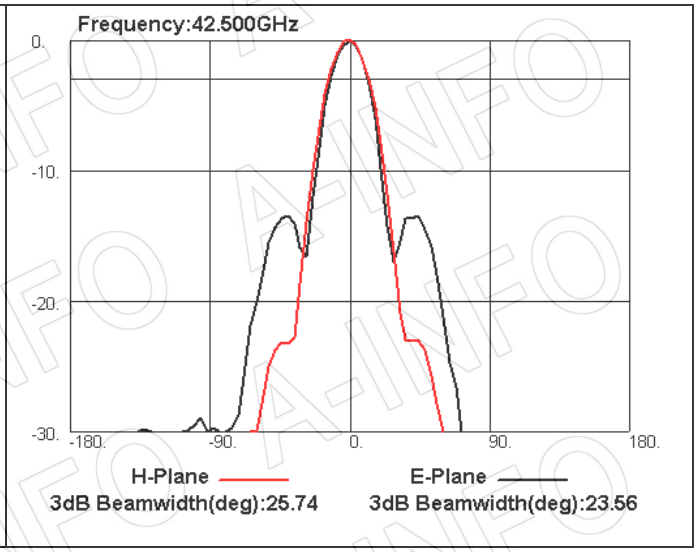

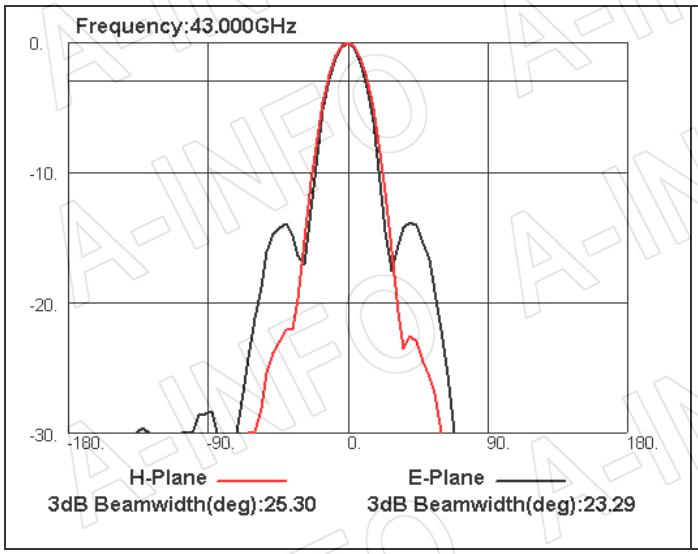

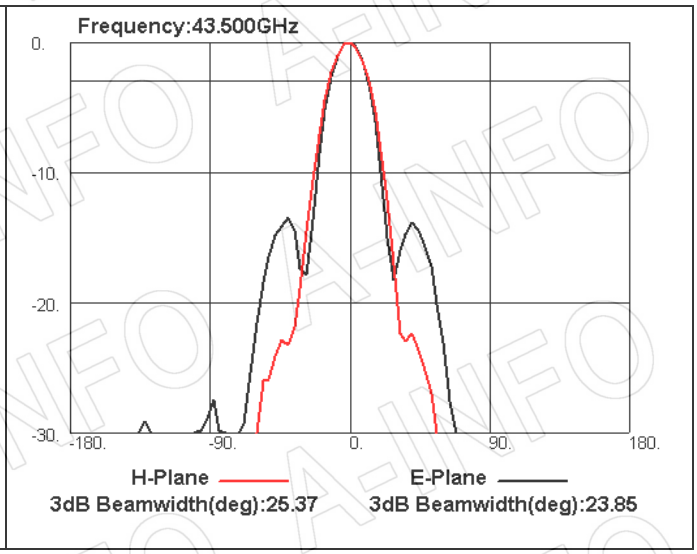

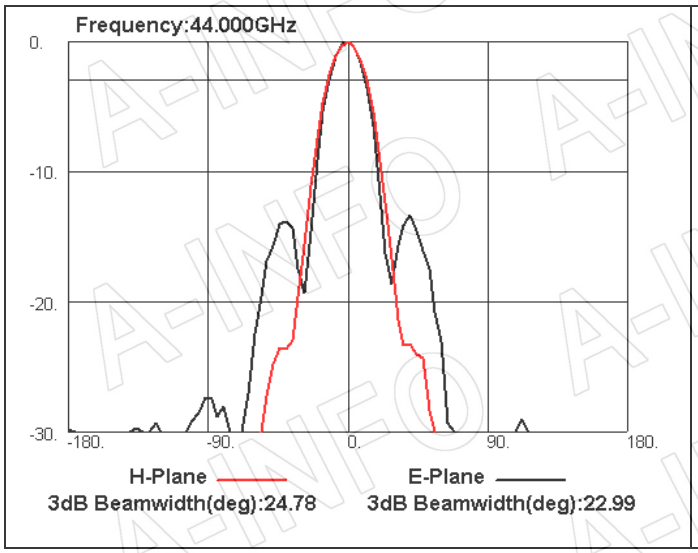

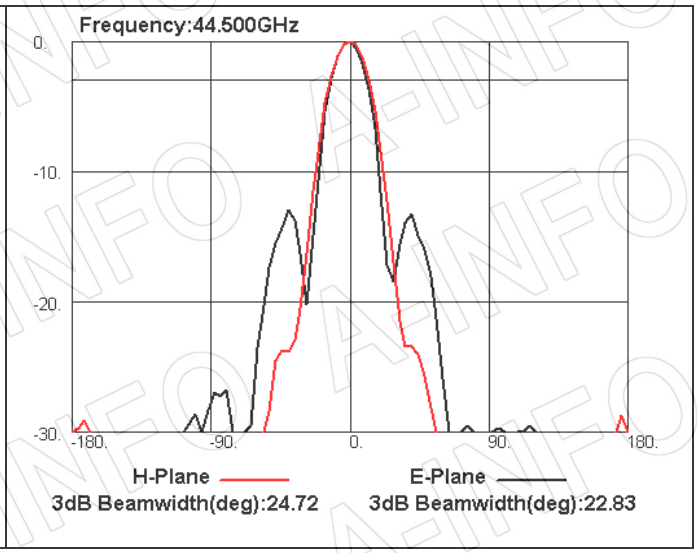

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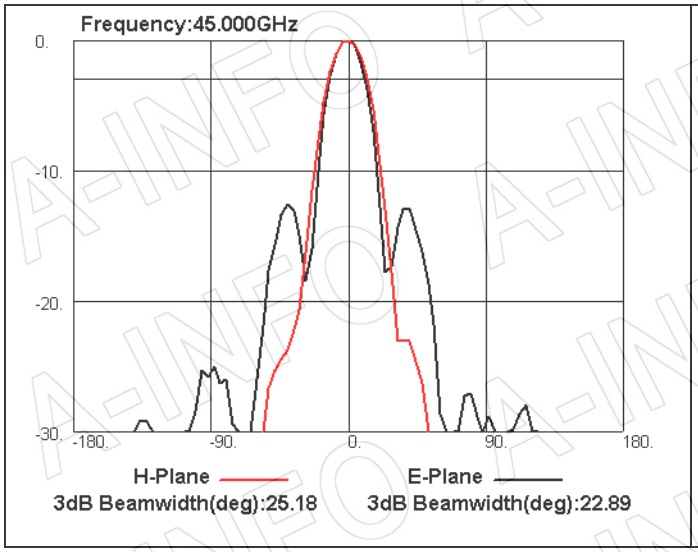

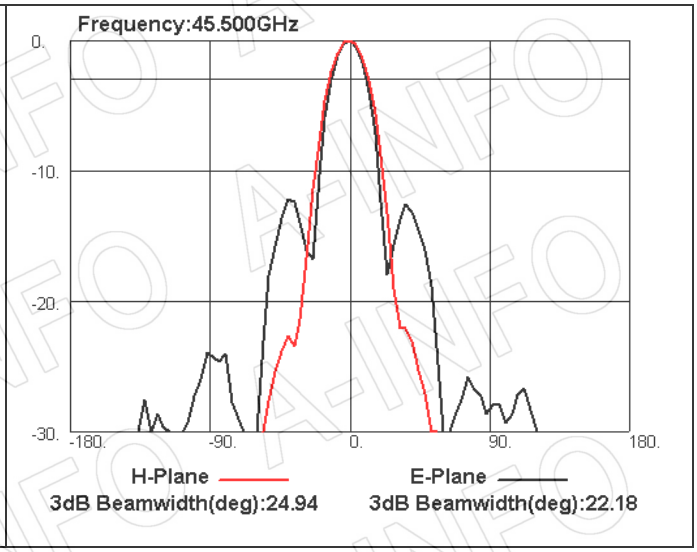

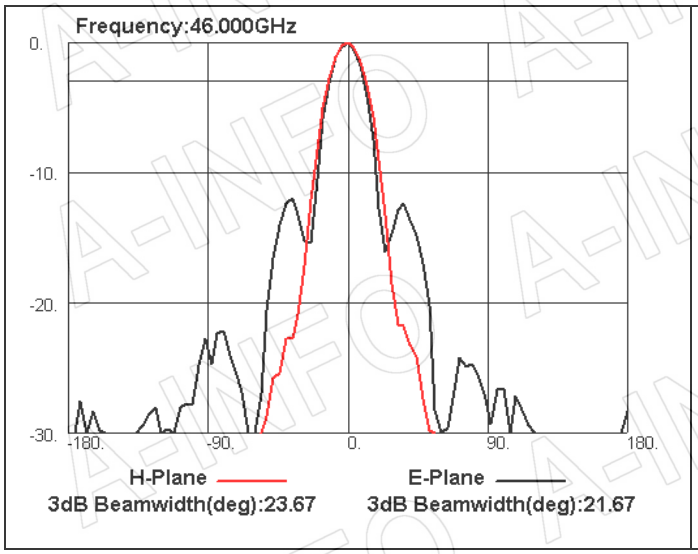

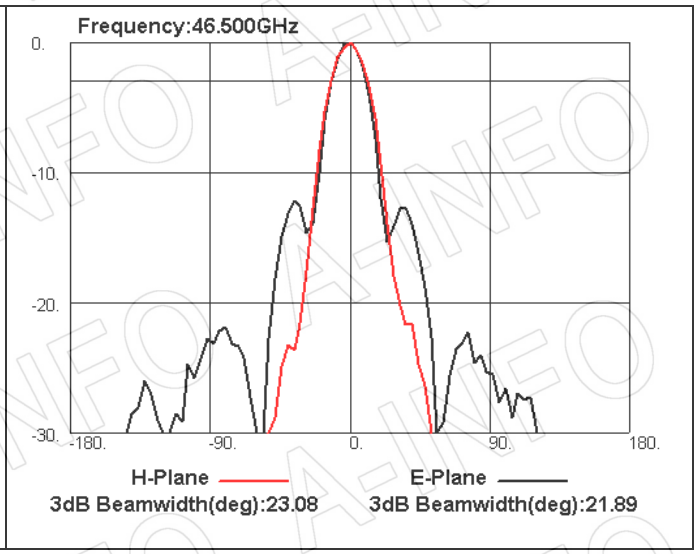

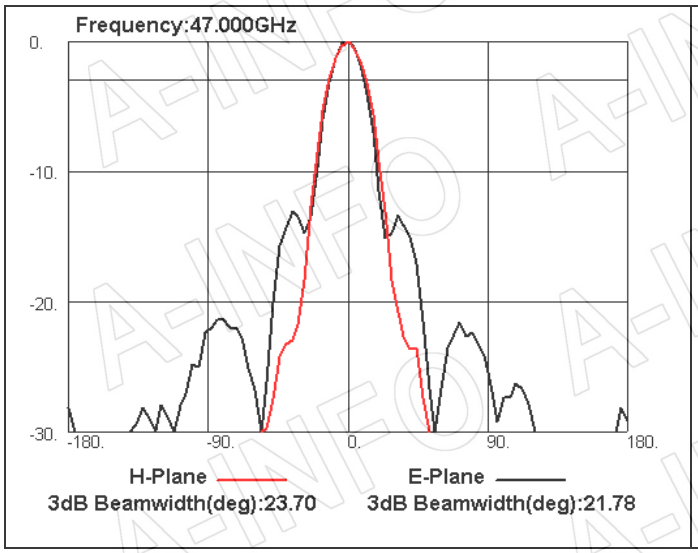

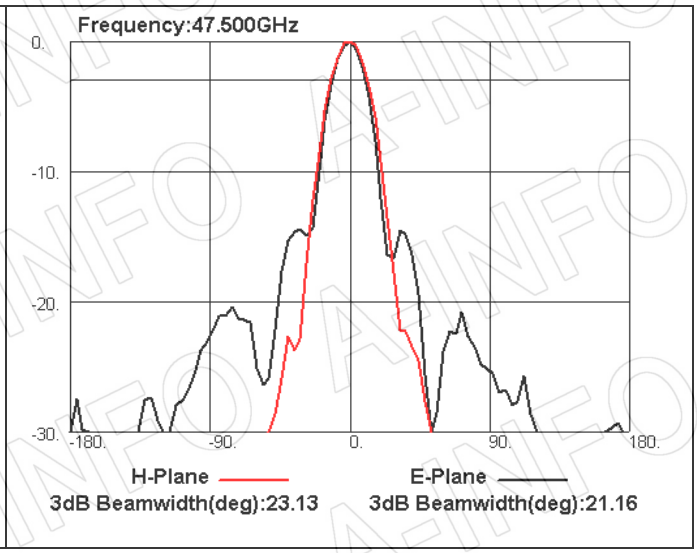

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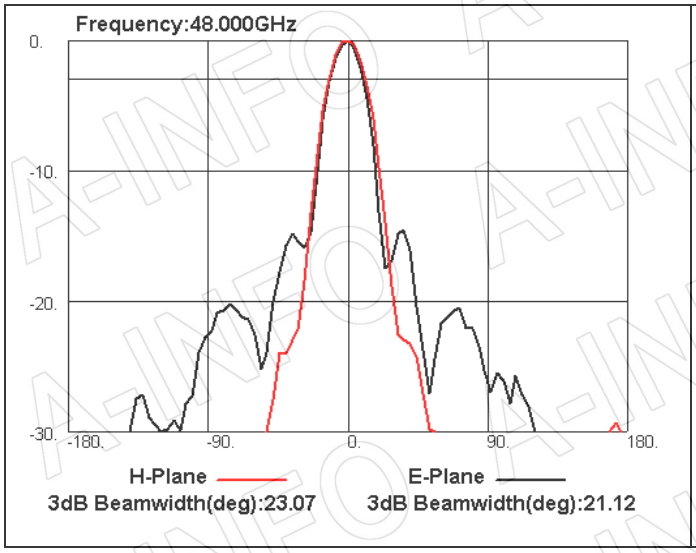

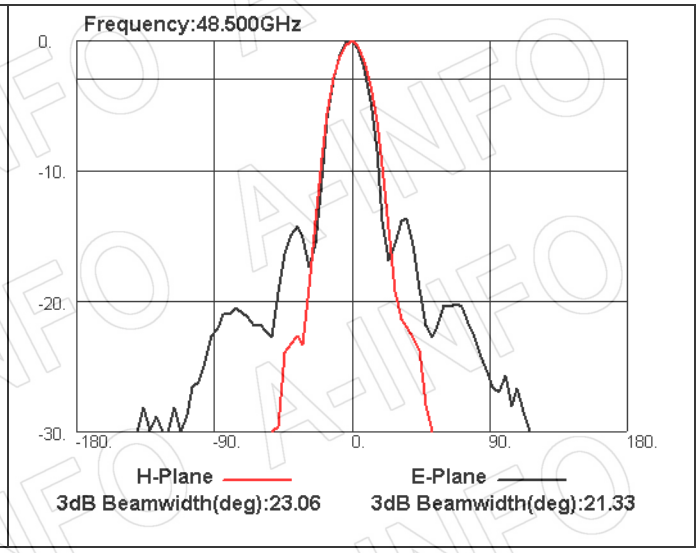

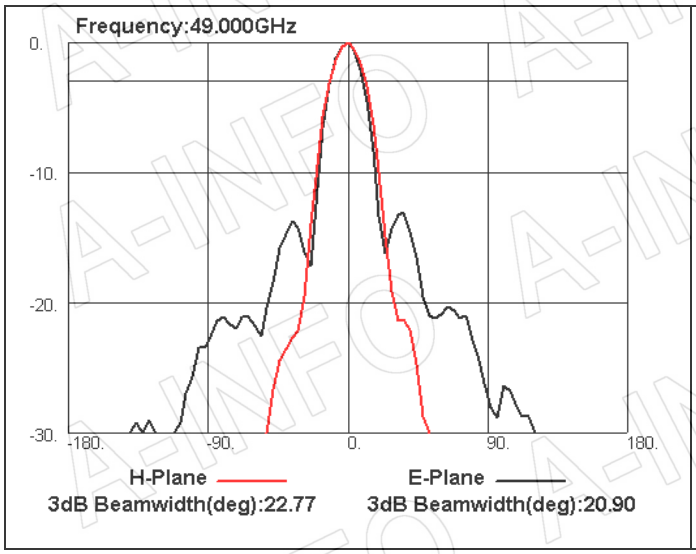

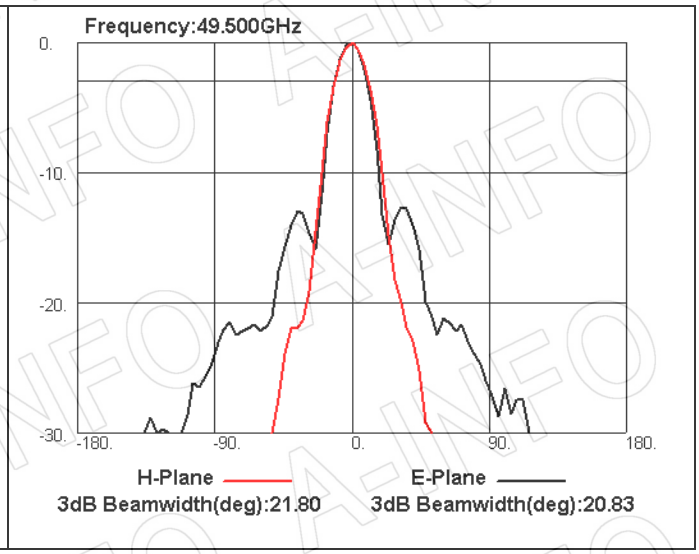

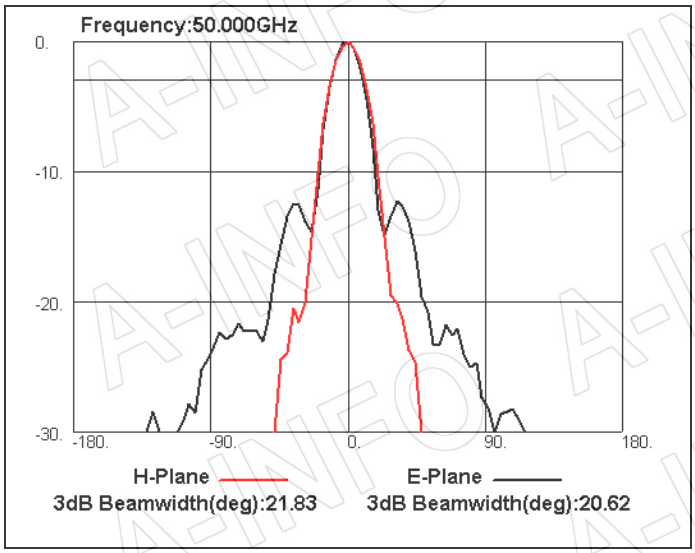

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