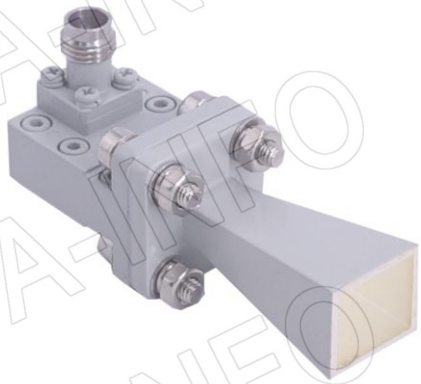
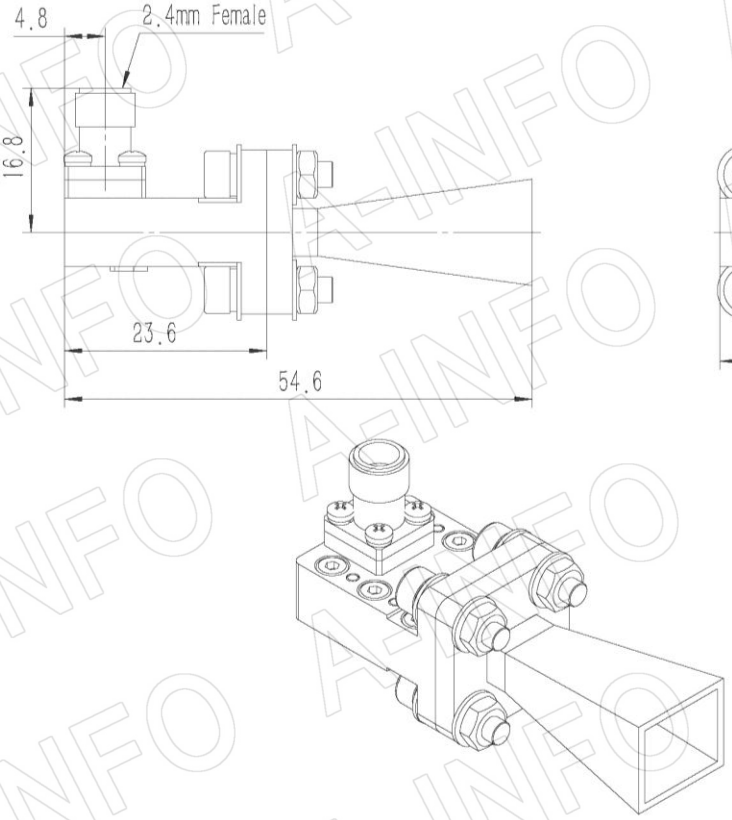
Technical Specification



Frequency Range(GHz)	24.0 - 50.0	
Waveguide	WR28	
Gain(dBi)	10 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E Plane:	34 Typ.
	H Plane:	43 Typ.
Cross Pol. Isolation(dB)	35 Typ.	
VSWR	1.40:1 Typ.	
Output	2.4mm-Female	
Material	Cu	
Size(mm)	19.1 x 26.3 x 54.6	
Net Weight(Kg)	0.05 Around	

Outline Drawing (Size: mm)

2.4mm-Female Output (P/N: LB-28-10-68-C-2.4F)



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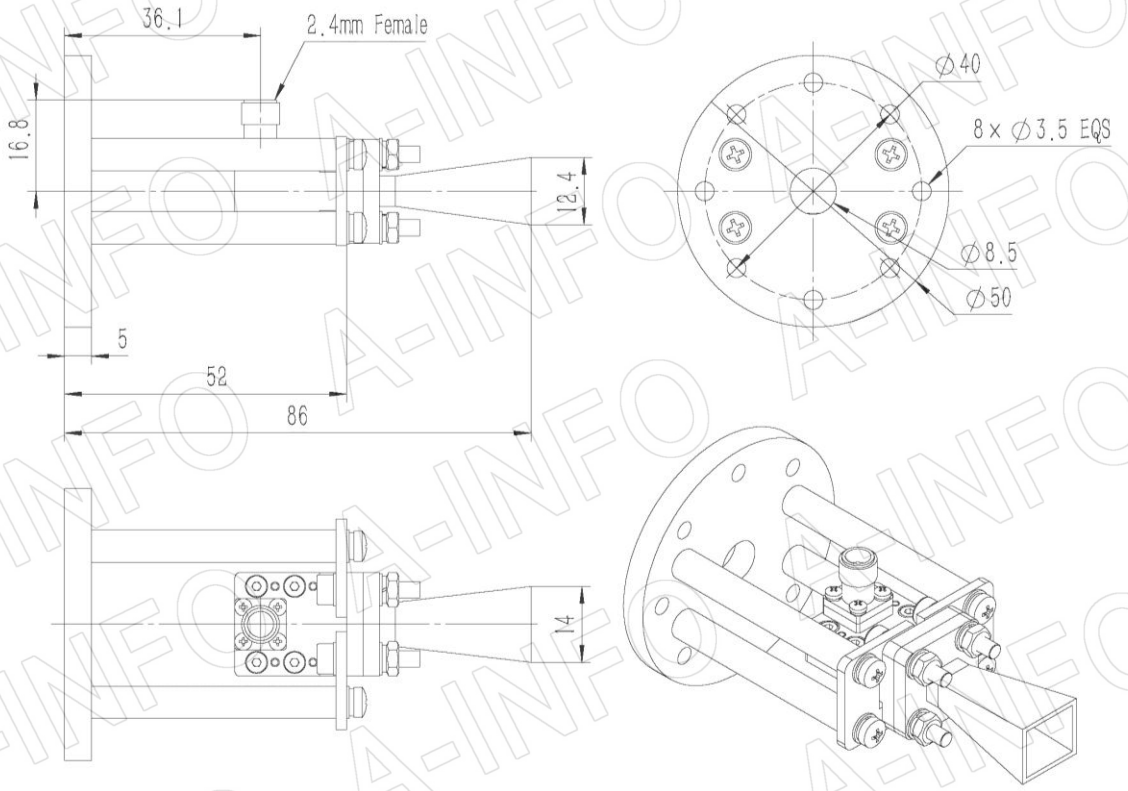
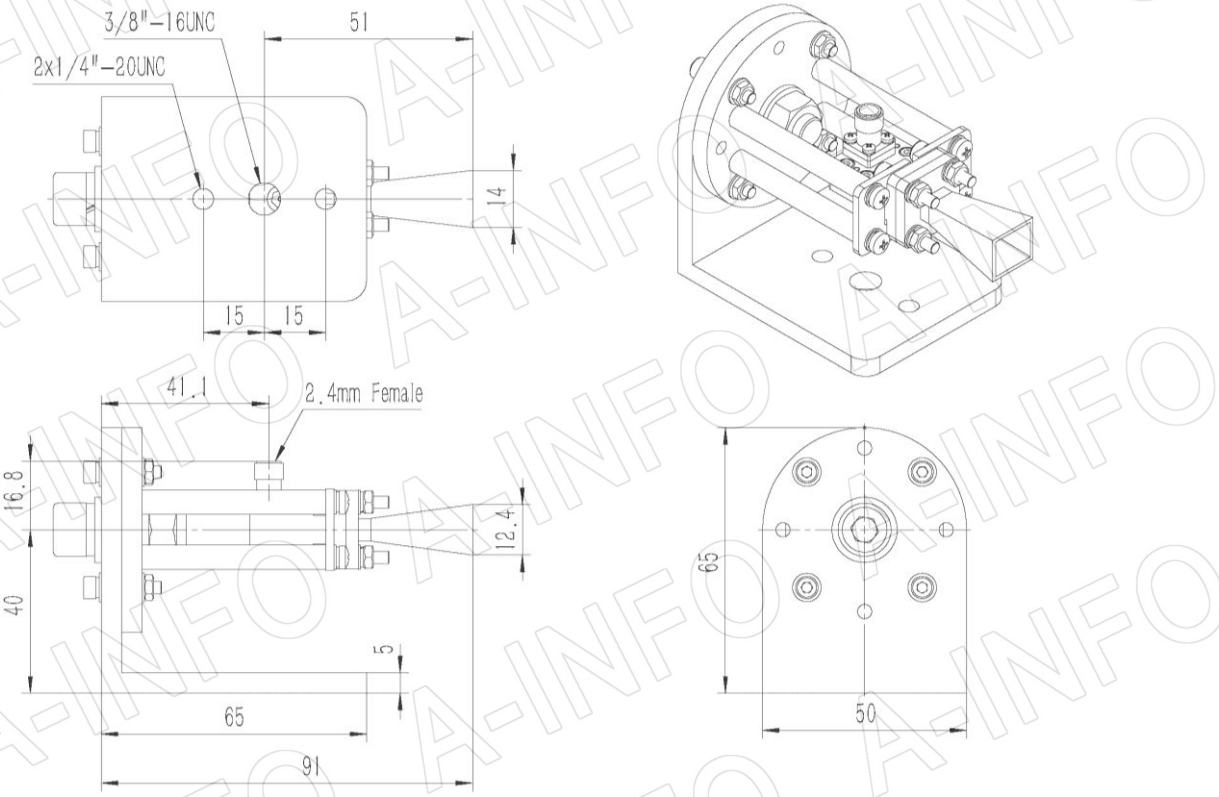
2.4mm-Female Output with Round Mounting Bracket (Option, P/N: LB-28-10-C-MB)



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



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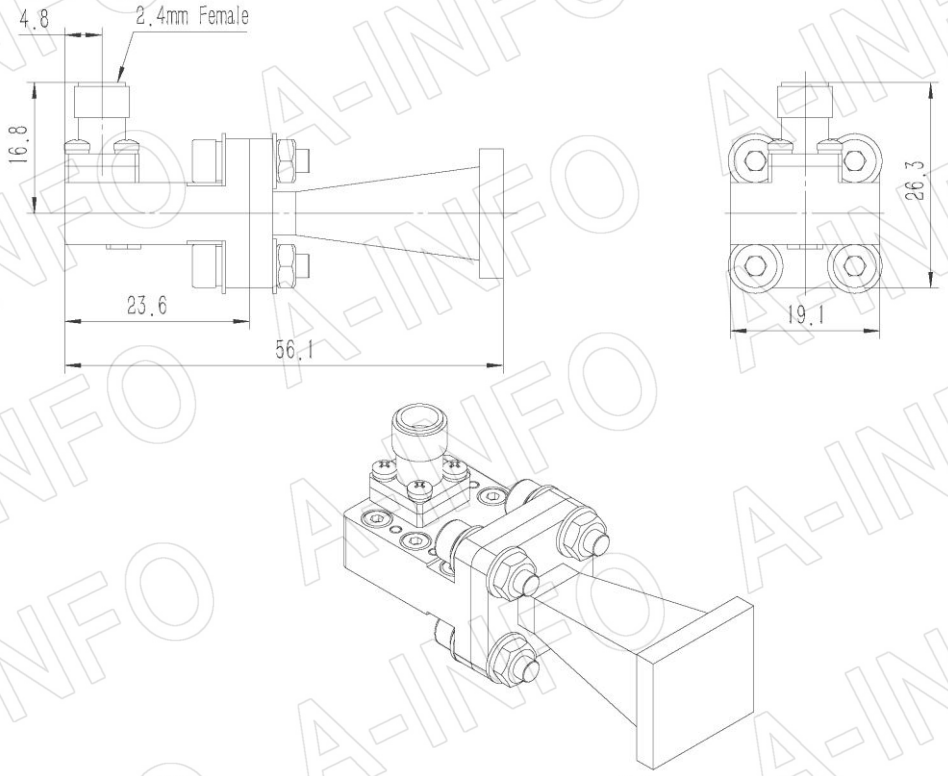
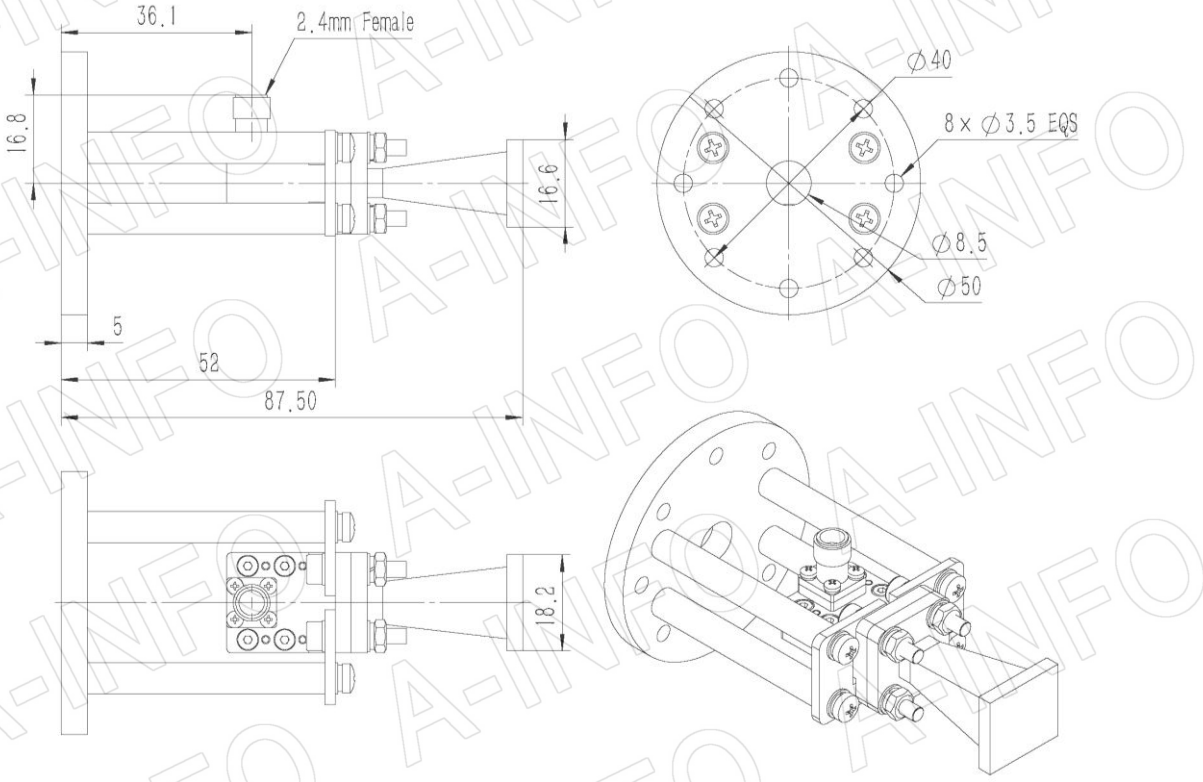
2.4mm-Female Output with Radome (Option, P/N: LB-28-10-68-C-2.4FSPO, Outdoor Application)



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



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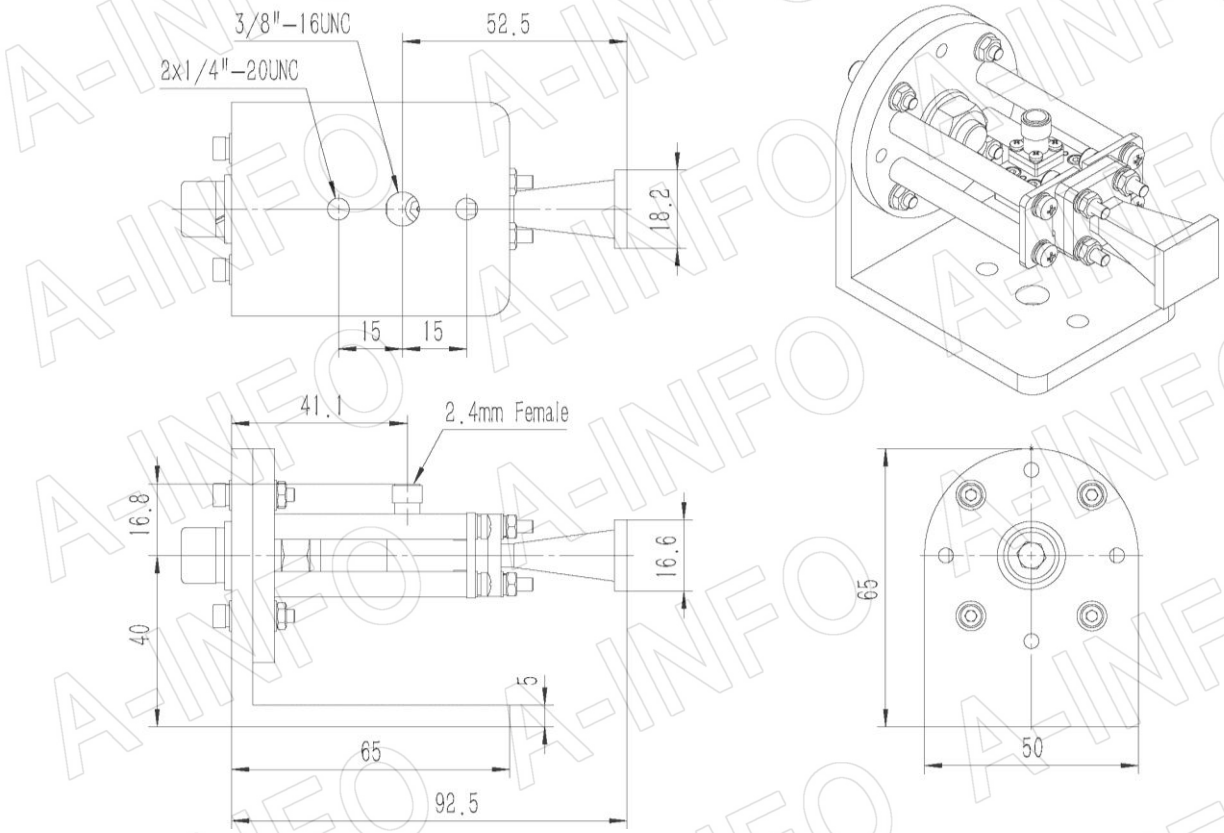
2.4mm-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-28-10-C-MBL & LB-28-10-68-C-2.4FSPO, Outdoor Application)



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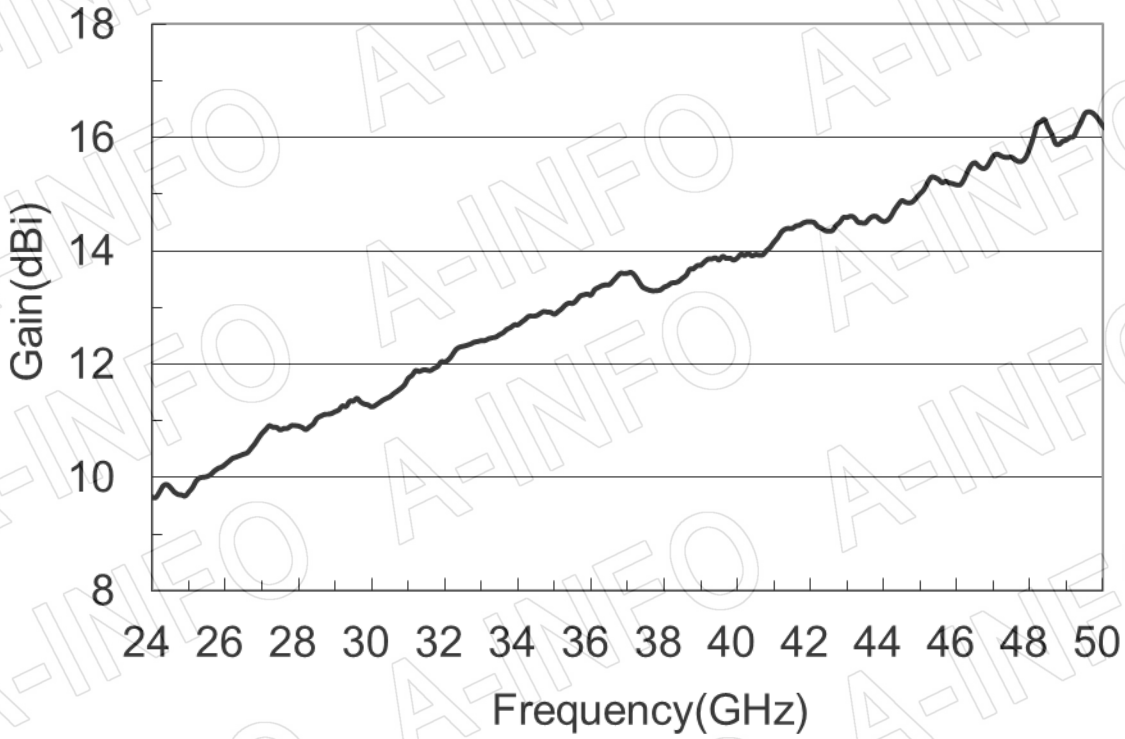
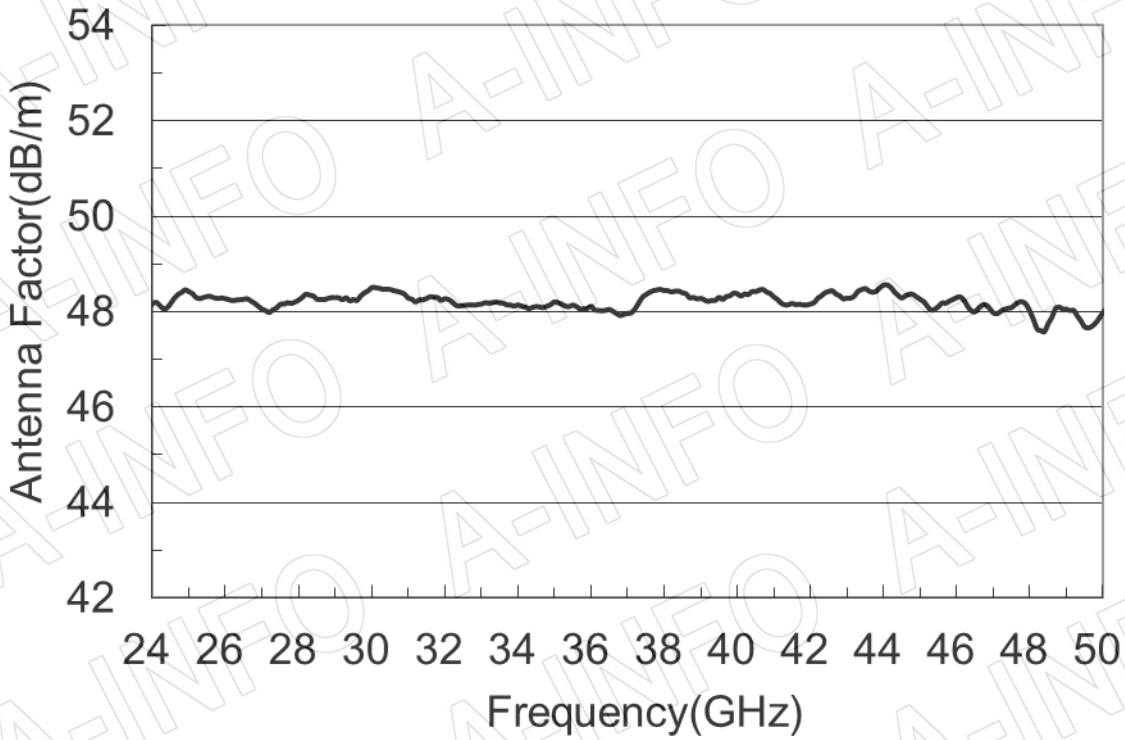
Test Results

1. Gain & Antenna Factor





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Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
24	9.65	48.16
25	9.75	48.42
26	10.24	48.27
27	10.78	48.06
28	10.91	48.24
29	11.16	48.29
30	11.25	48.51
31	11.75	48.29
32	12.04	48.27
33	12.42	48.16
34	12.70	48.14
35	12.88	48.21
36	13.22	48.11
37	13.61	47.97
38	13.36	48.44
39	13.75	48.28
40	13.88	48.38
41	14.16	48.31
42	14.51	48.16
43	14.59	48.29
44	14.52	48.56
45	15.02	48.26
46	15.17	48.30
47	15.67	47.98
48	15.82	48.01
49	15.96	48.05
50	16.21	47.98

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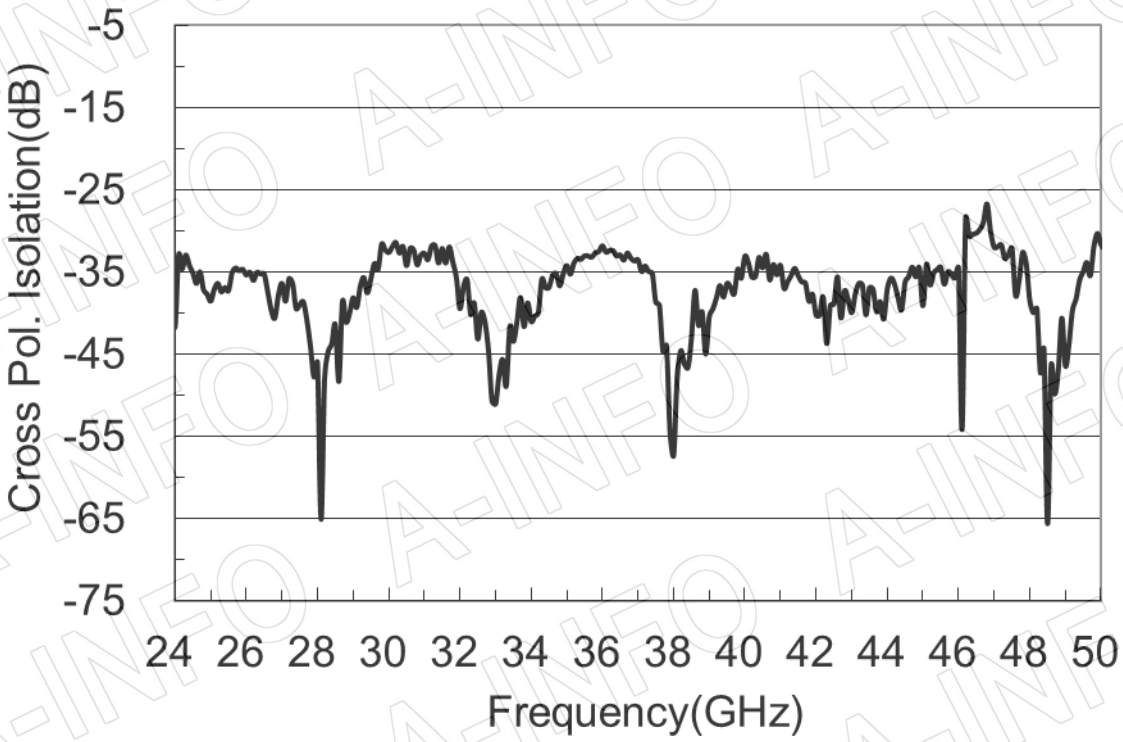
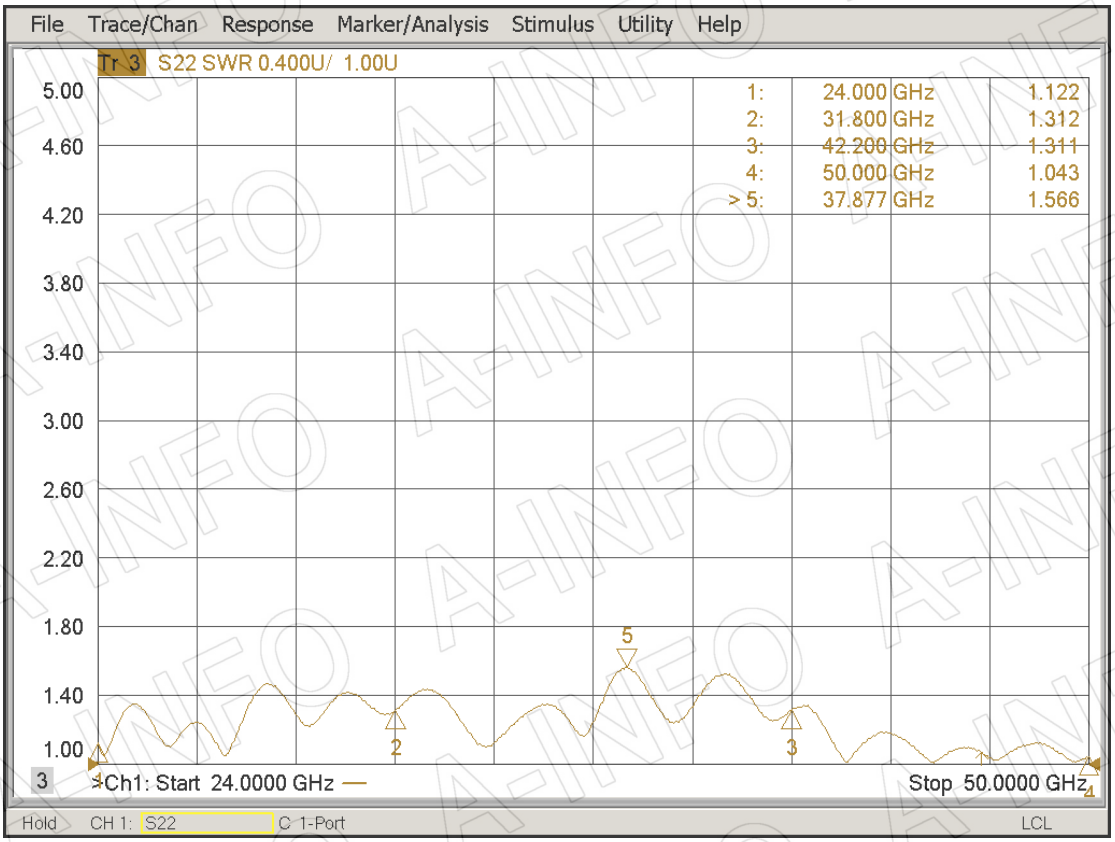
2. Cross Polarization Isolation



3. VSWR



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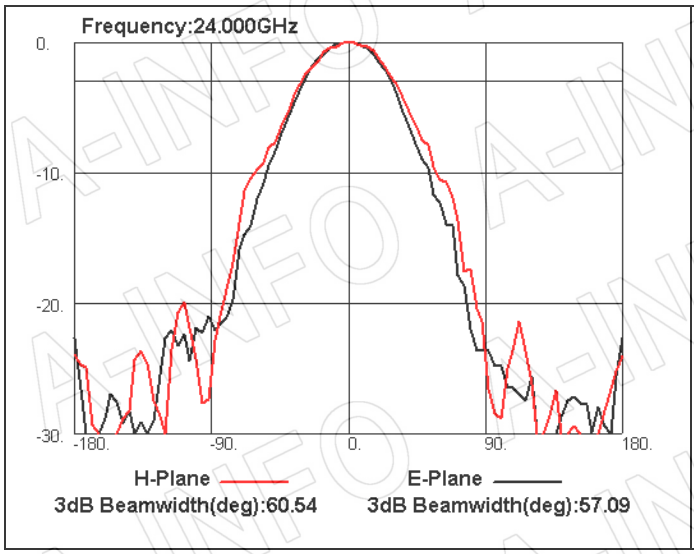
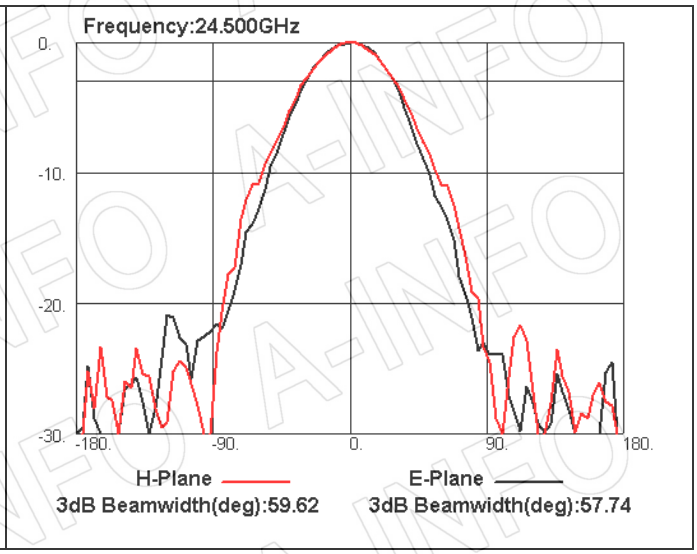
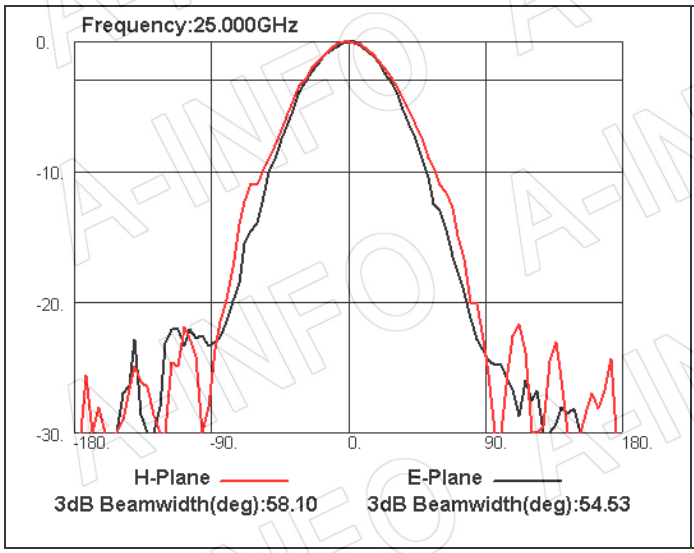
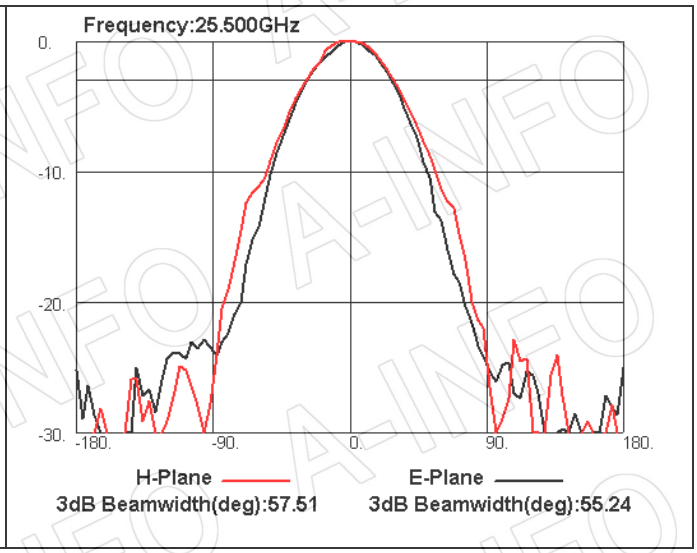
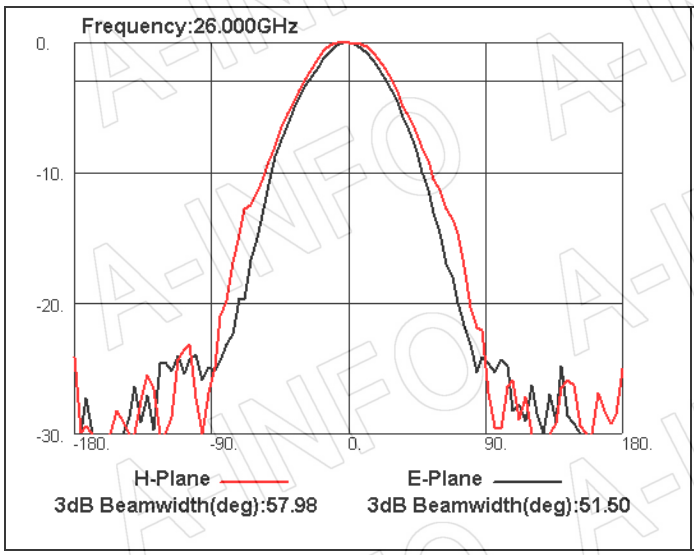
4. Pattern

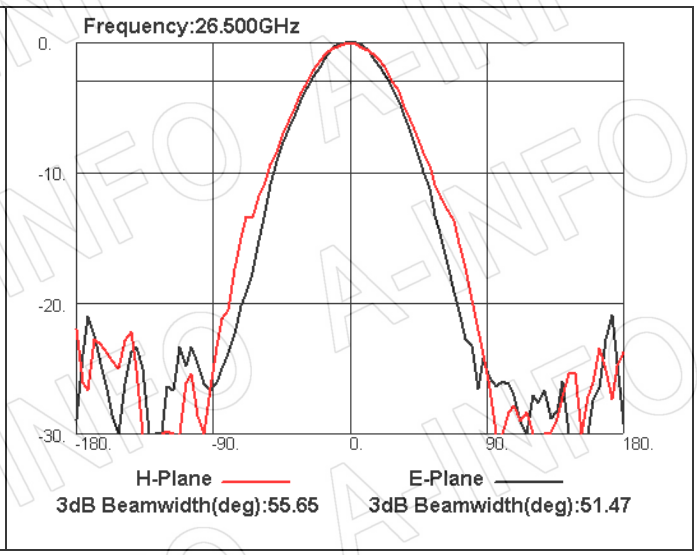












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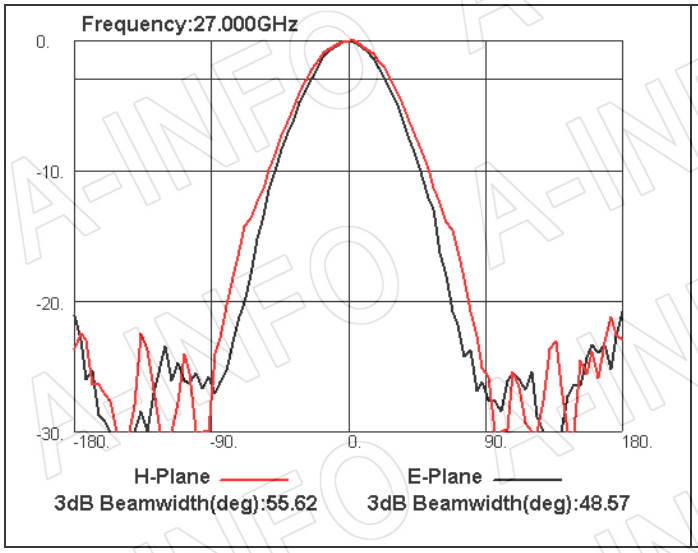

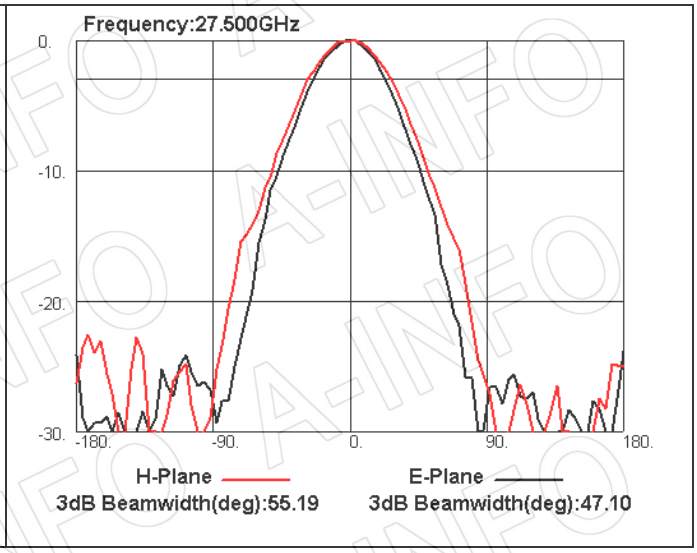

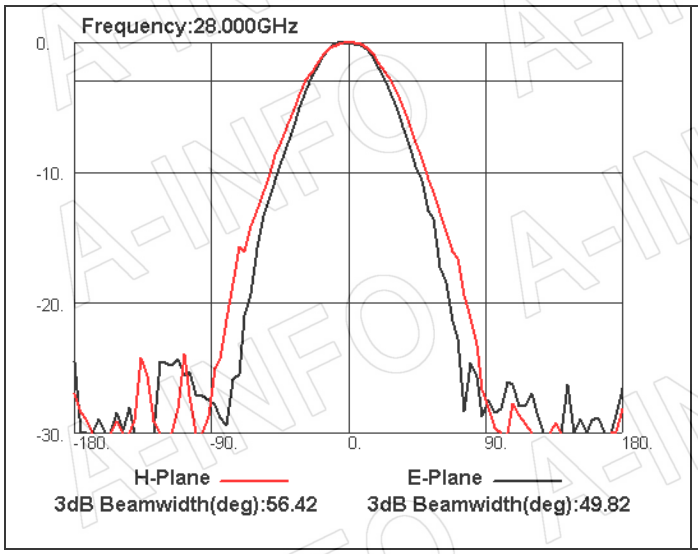

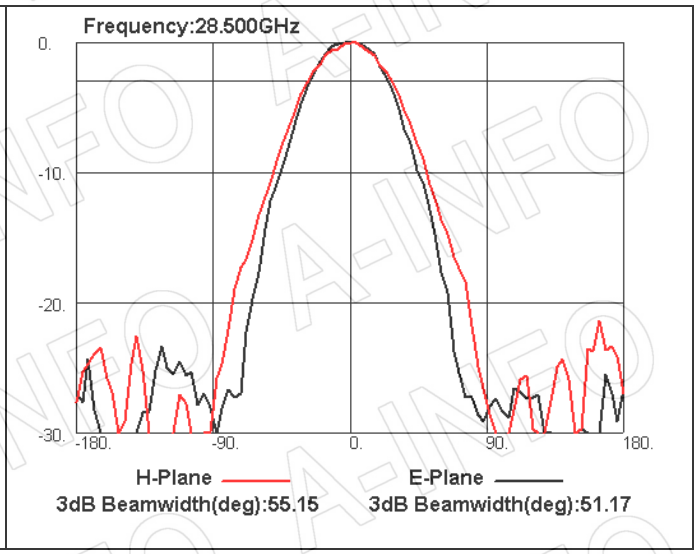

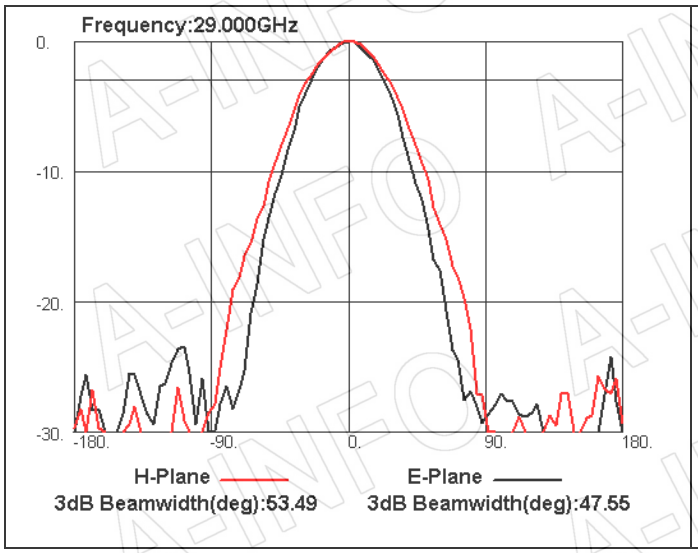

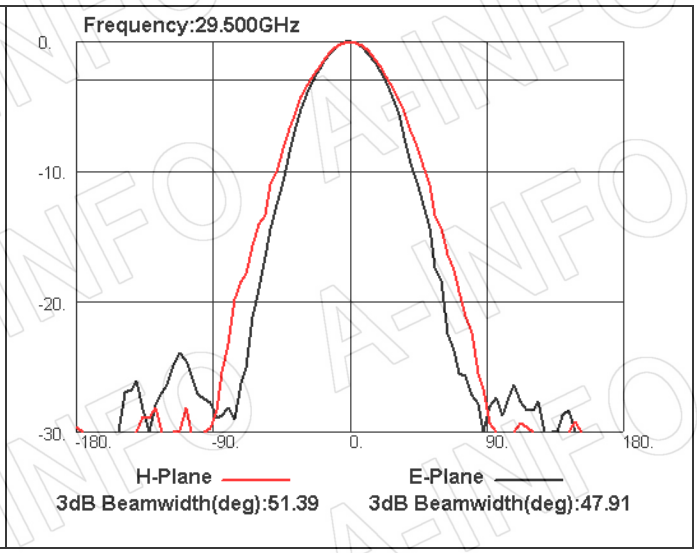

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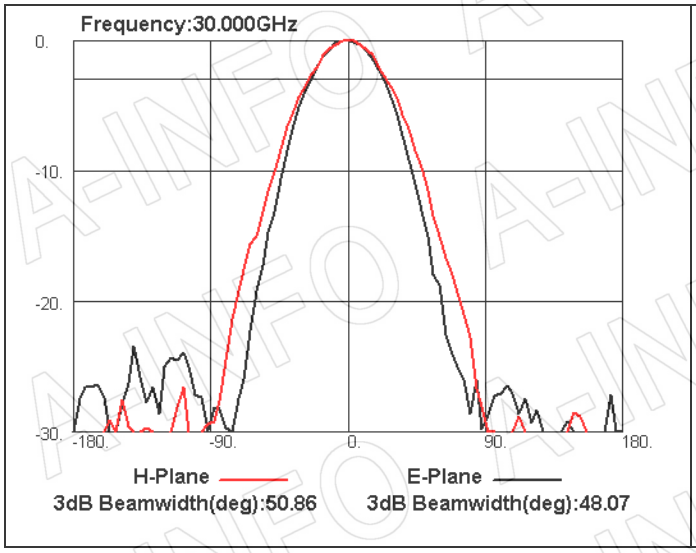

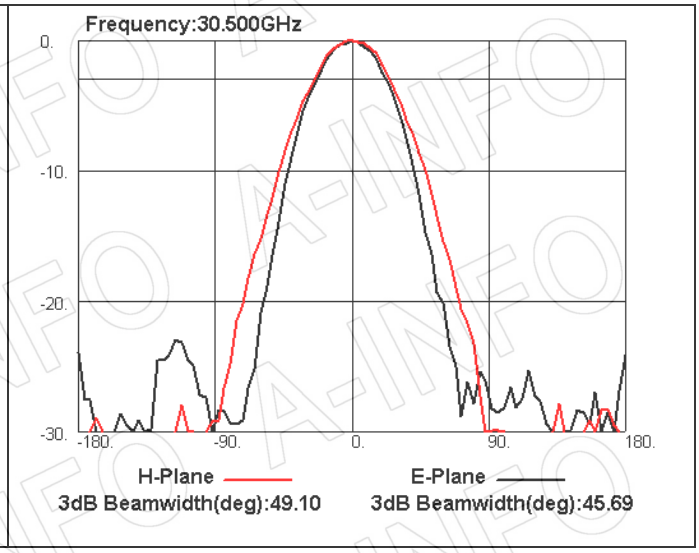

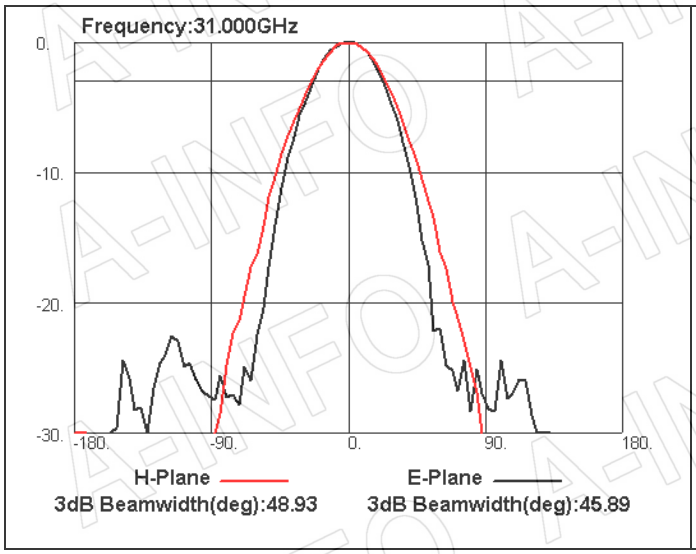

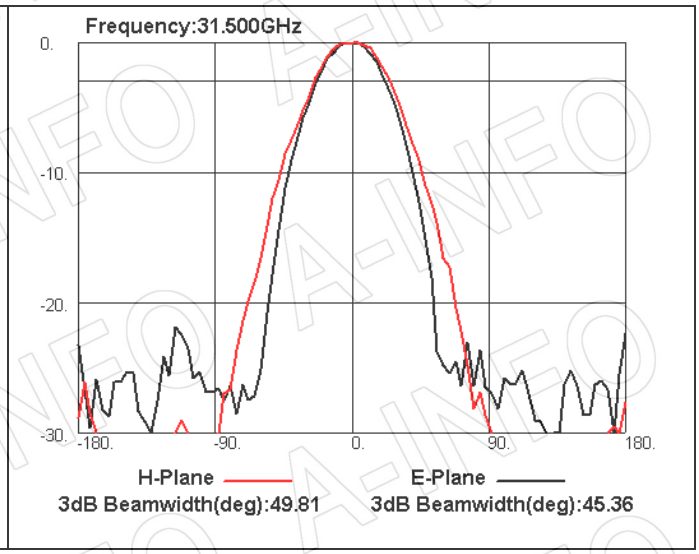

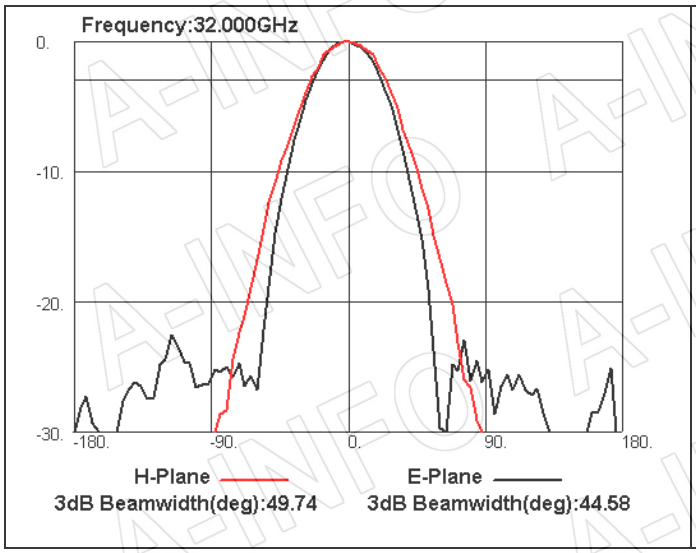

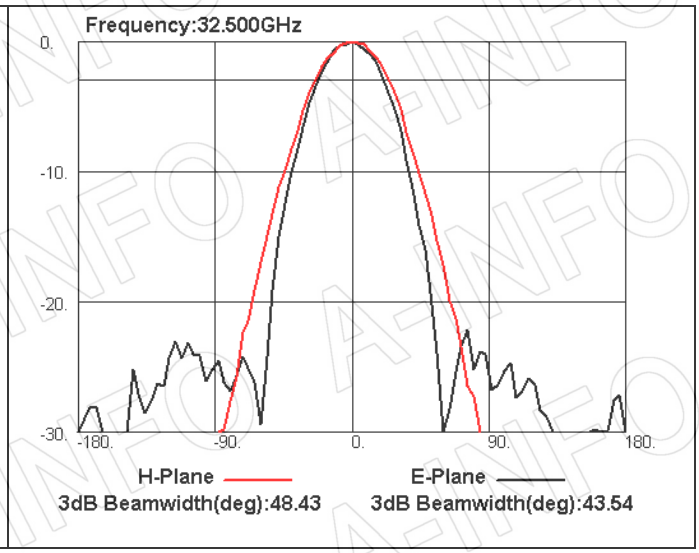

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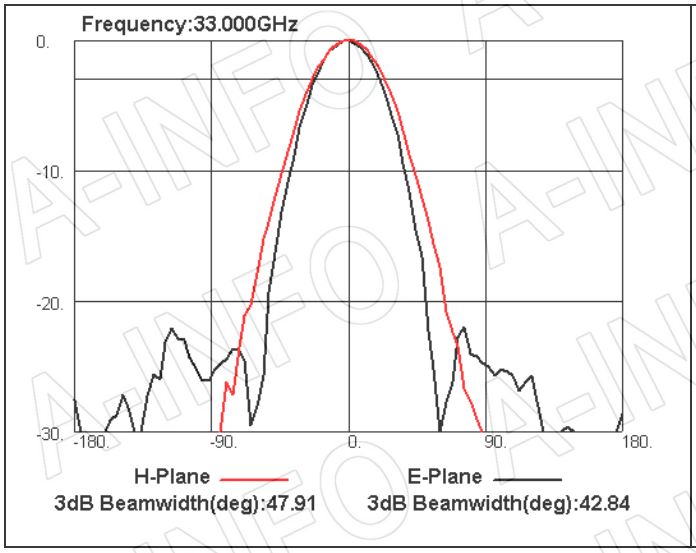

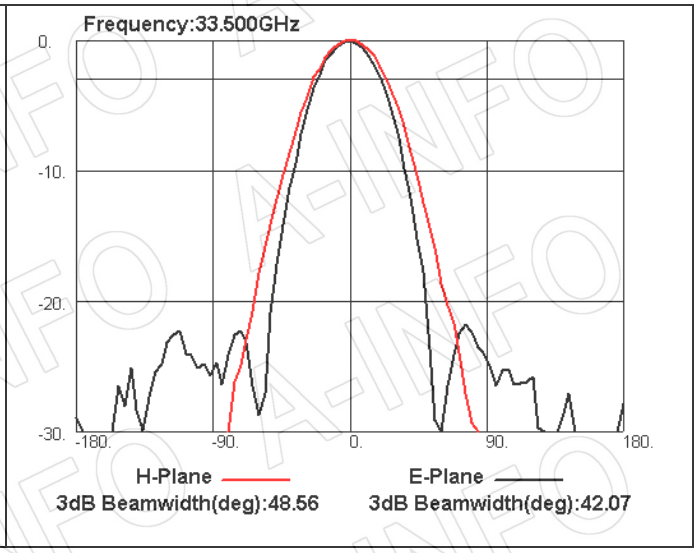

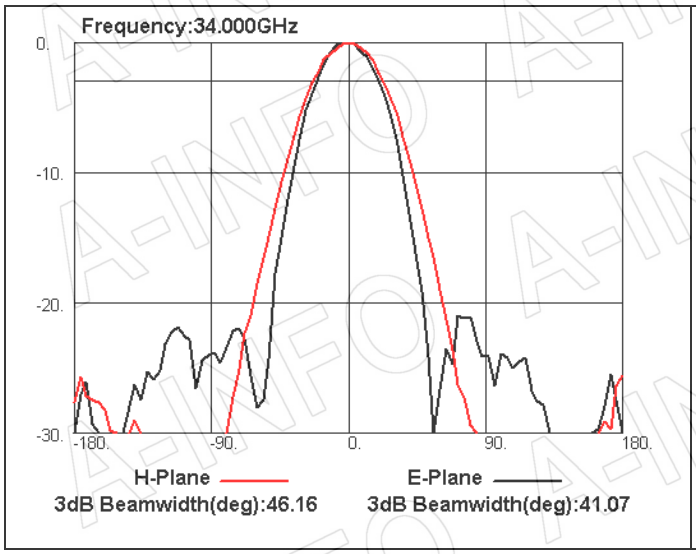

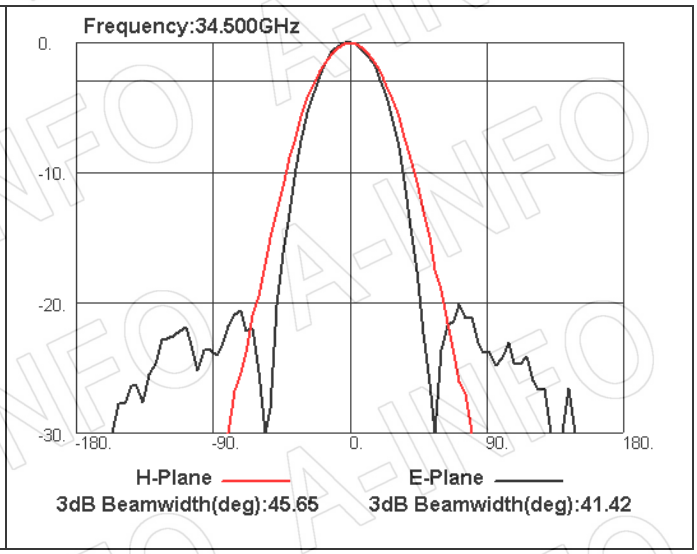

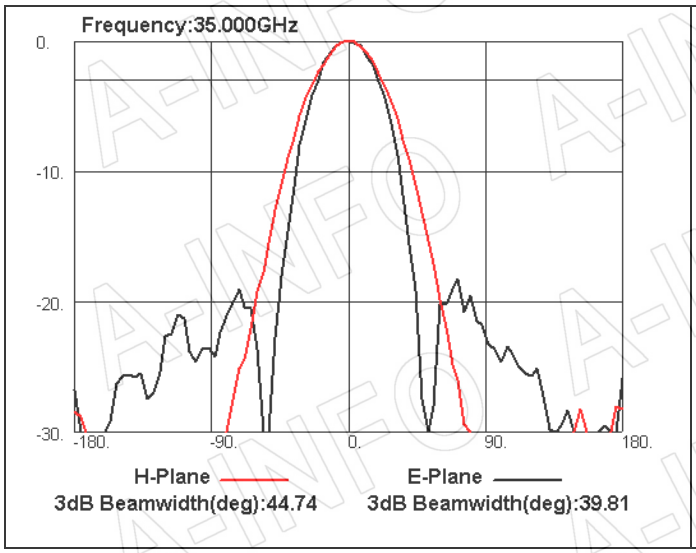

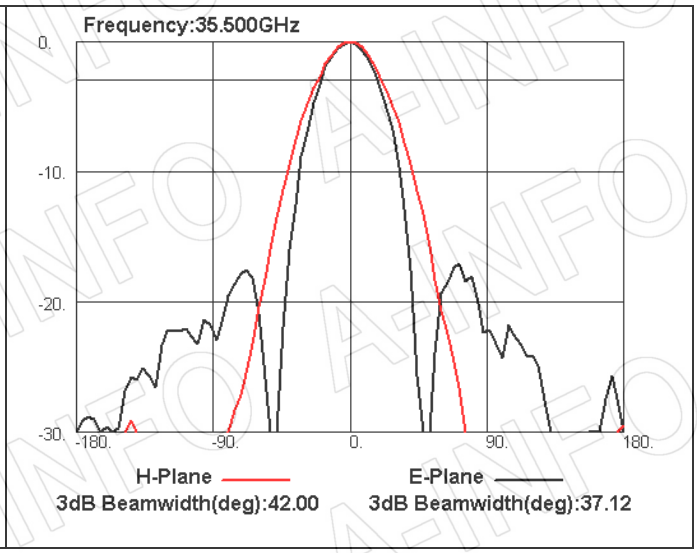

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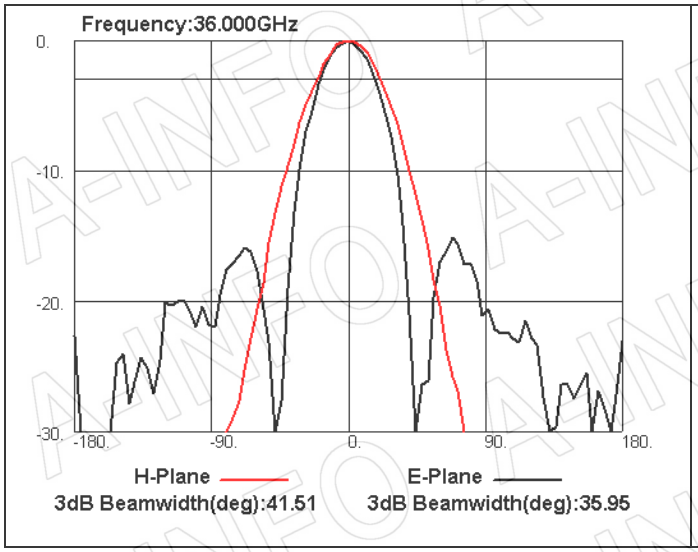

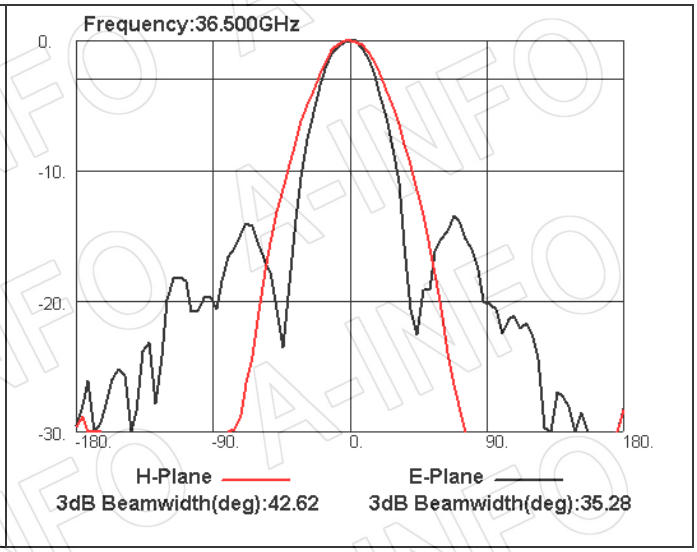

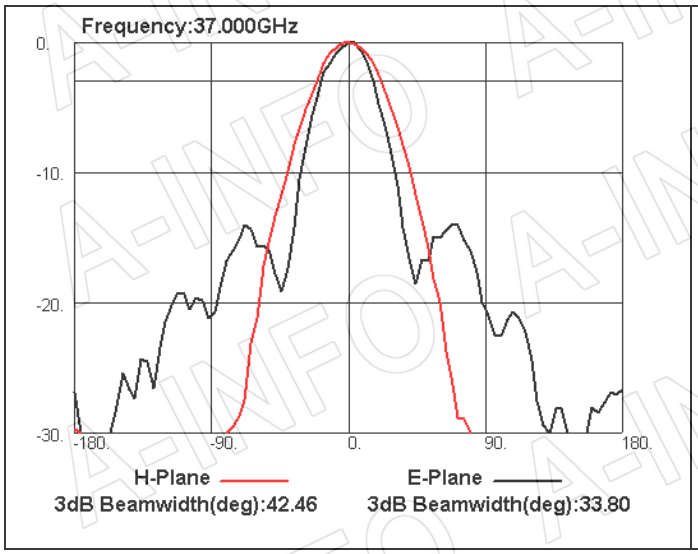

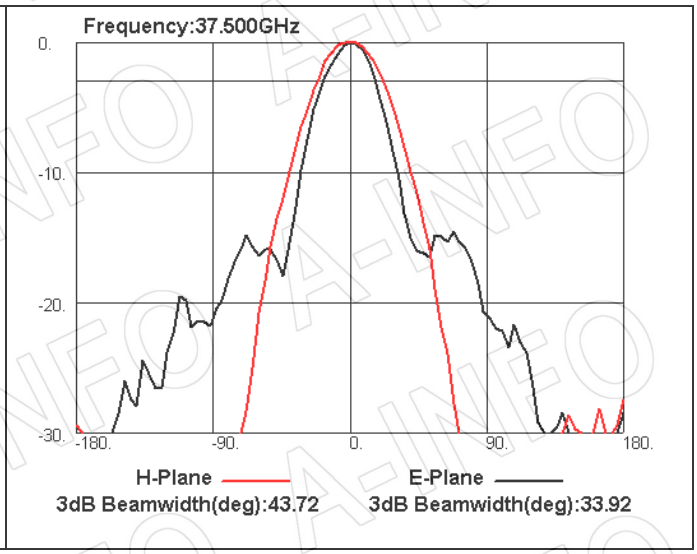

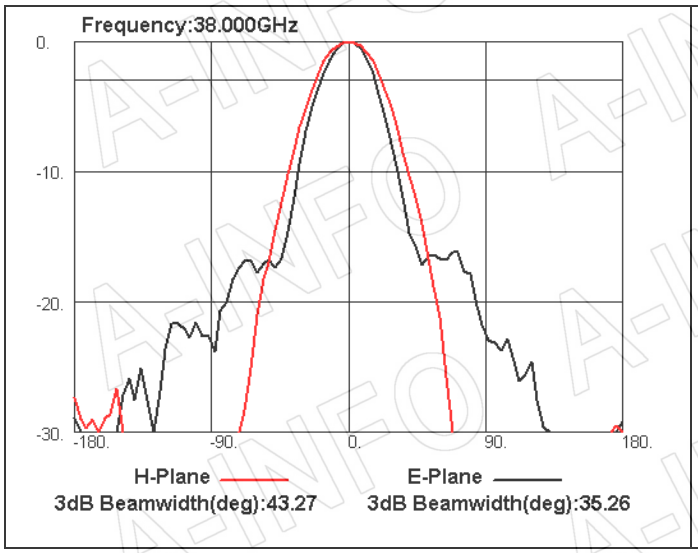

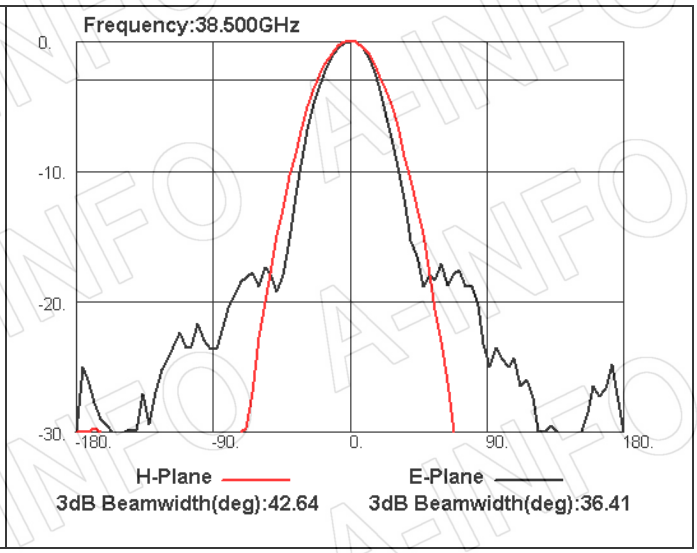

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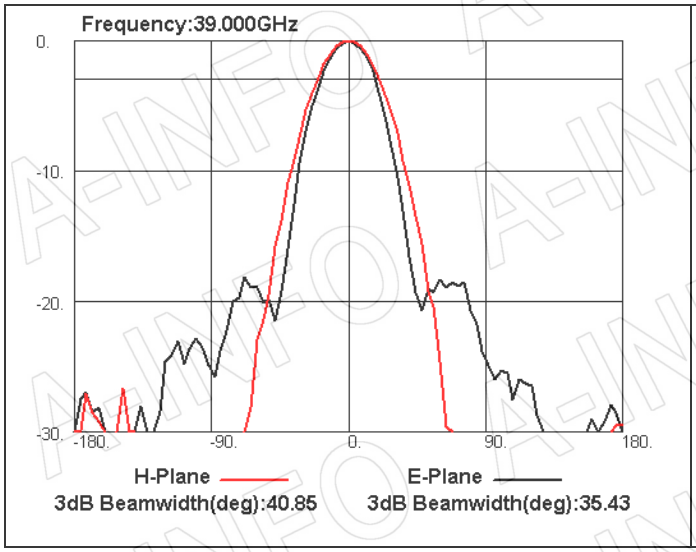

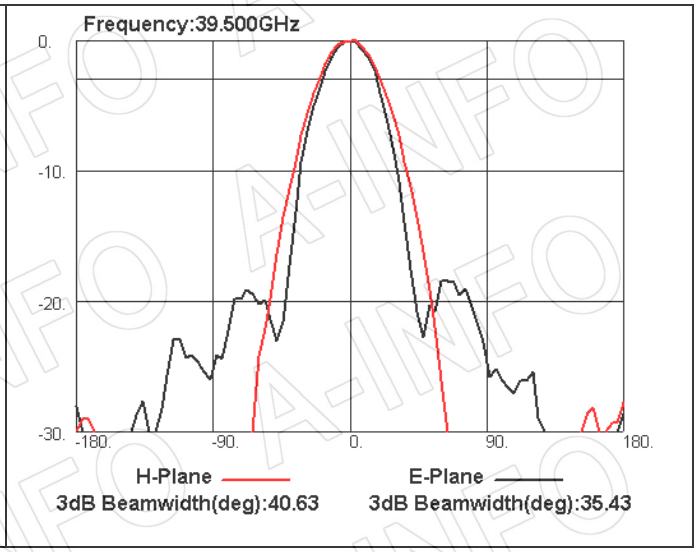

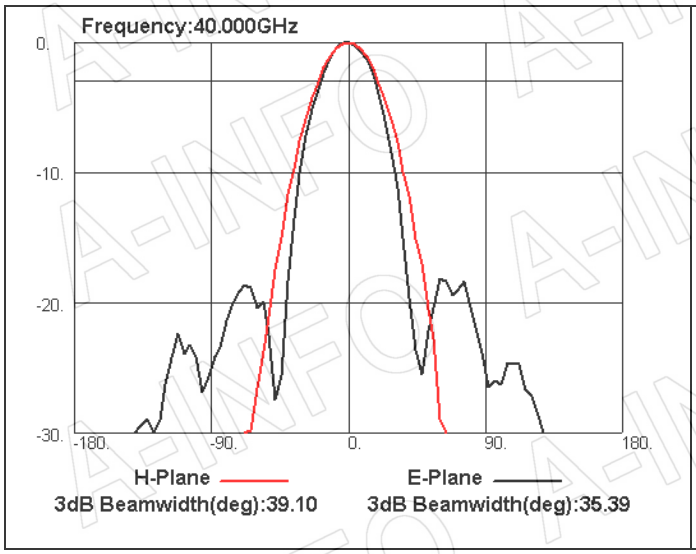

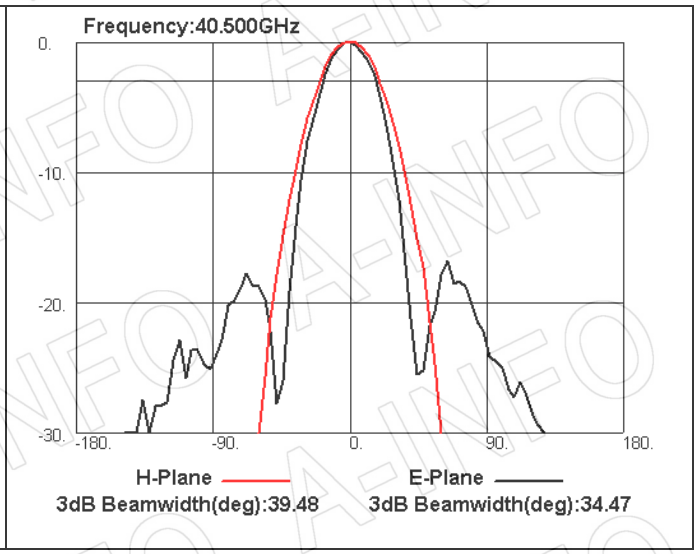

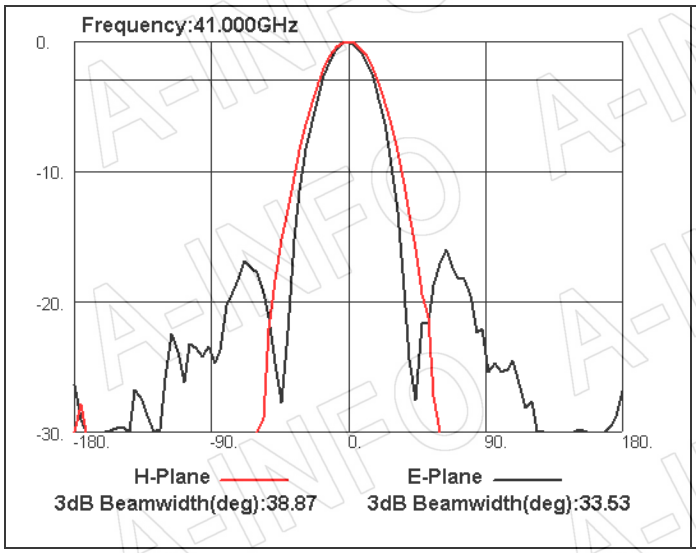

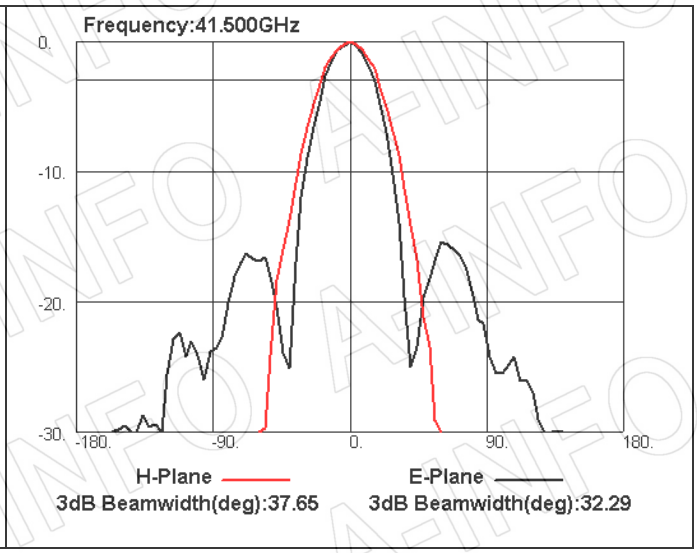

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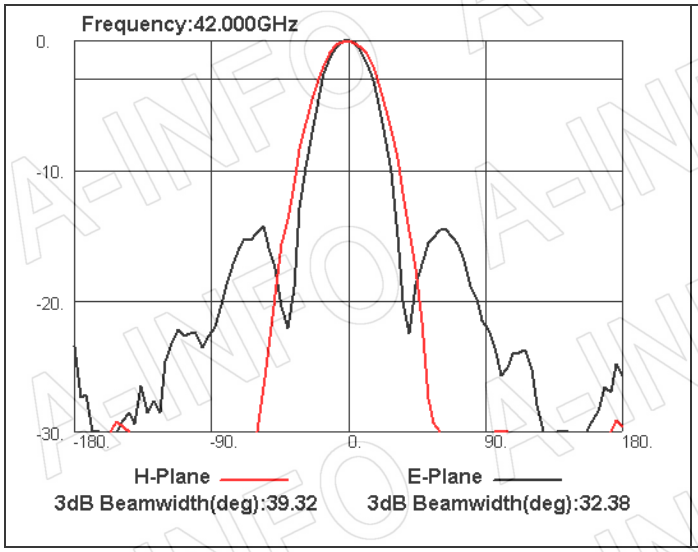

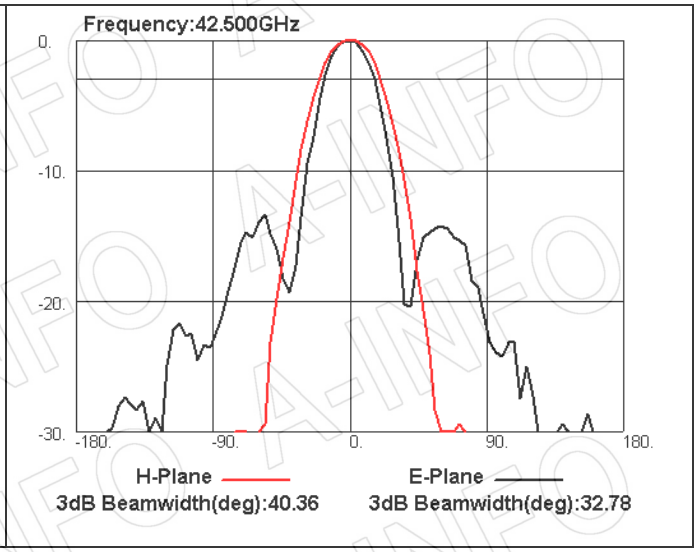

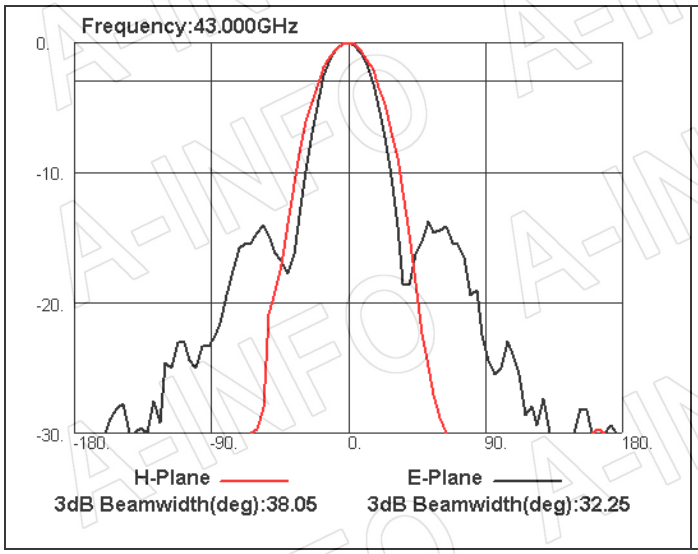

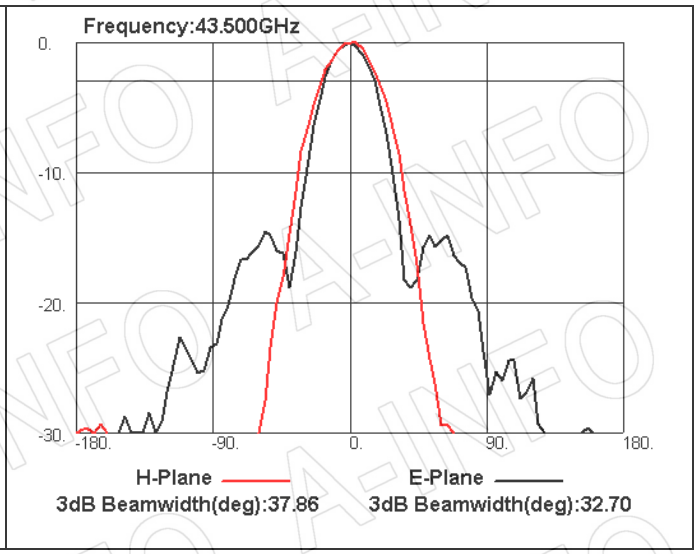

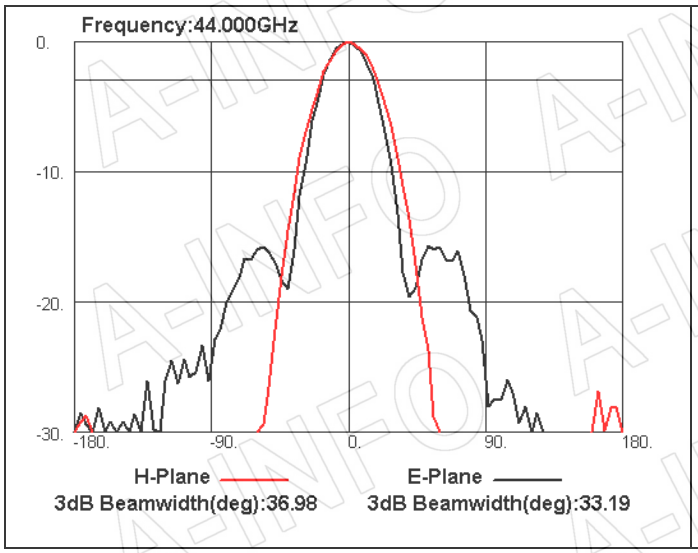

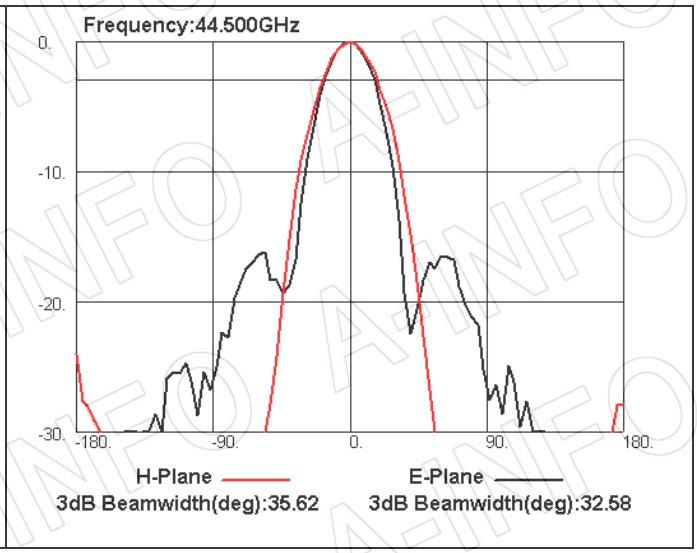

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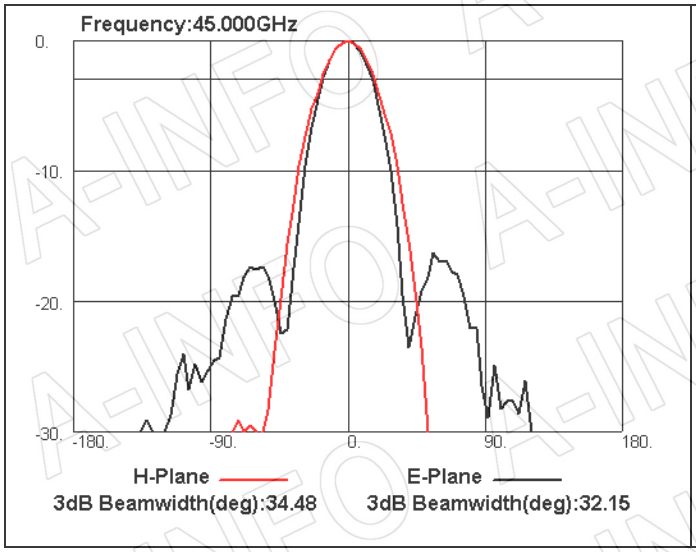

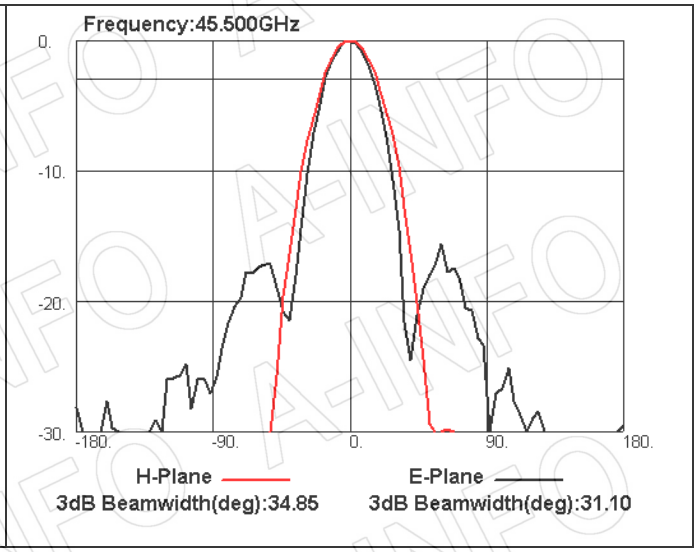

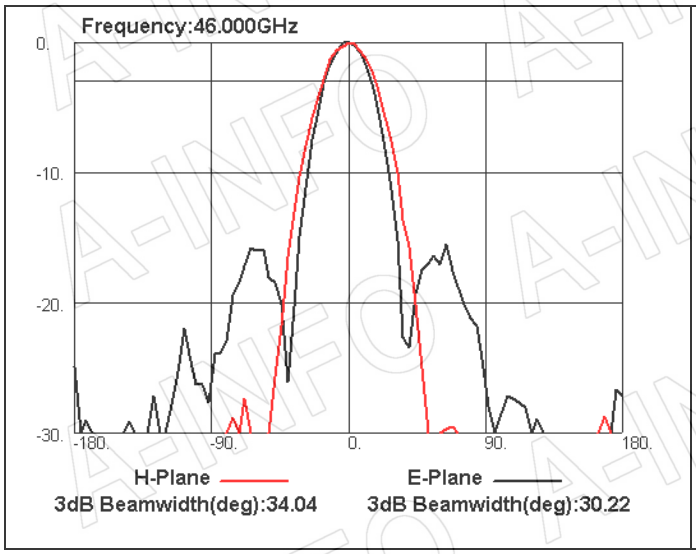

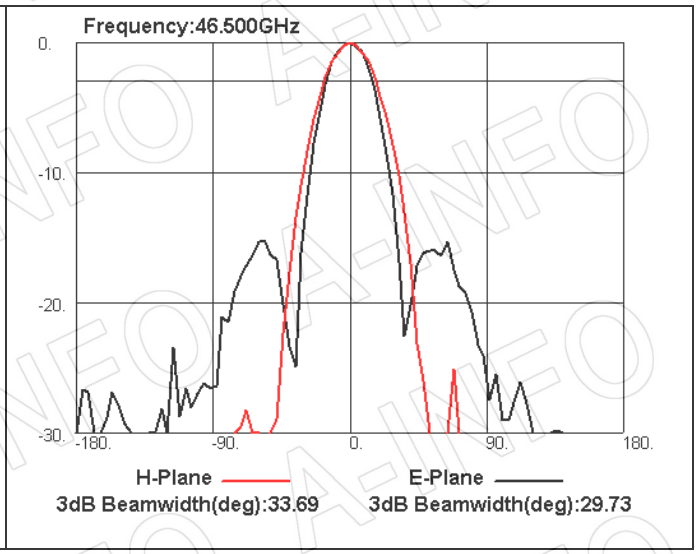

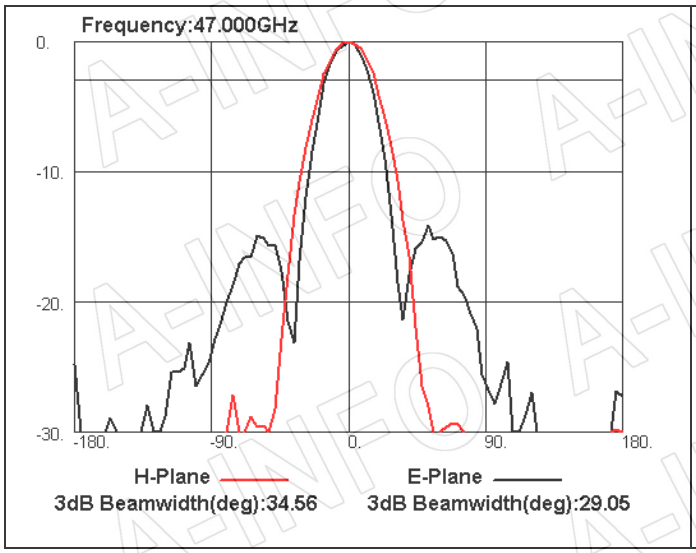

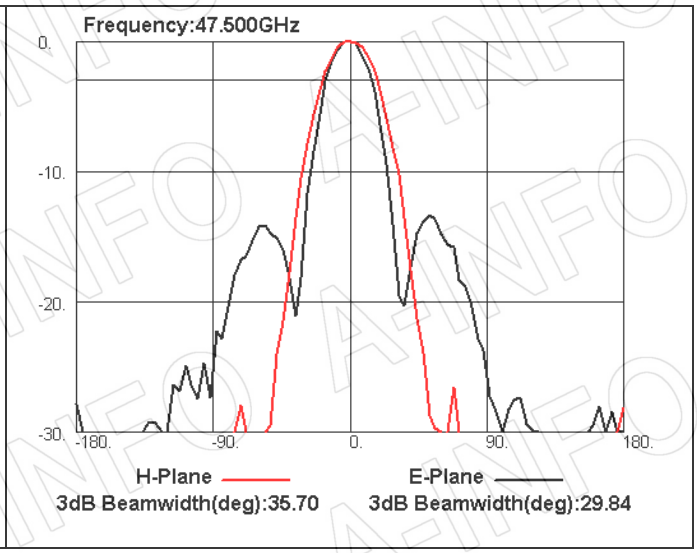

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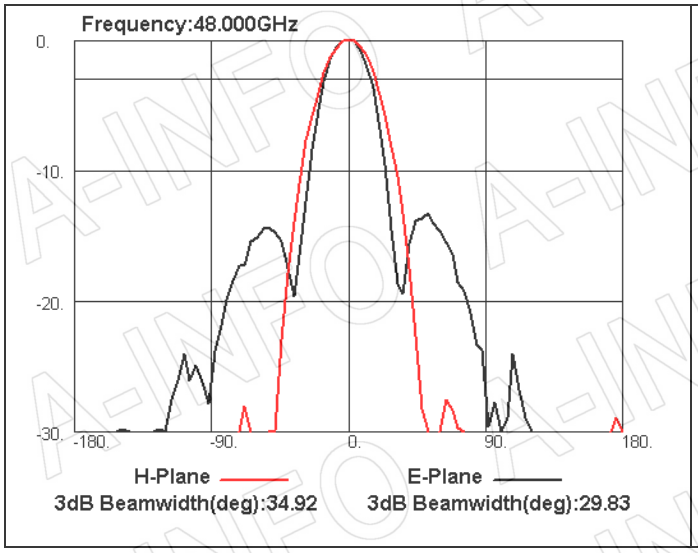

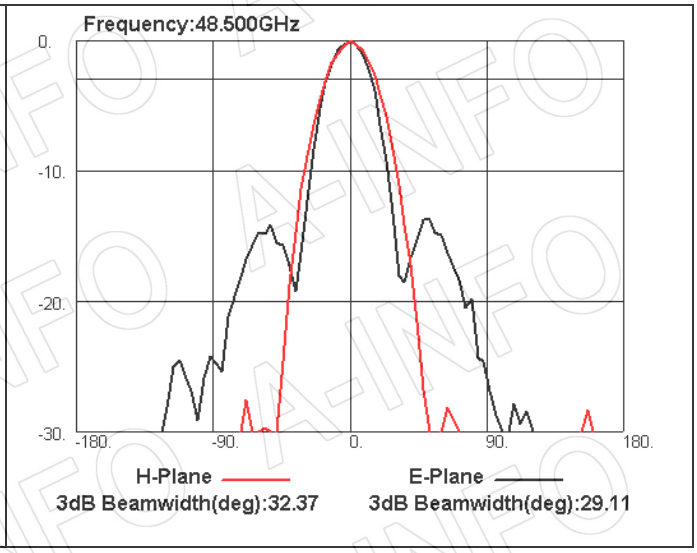

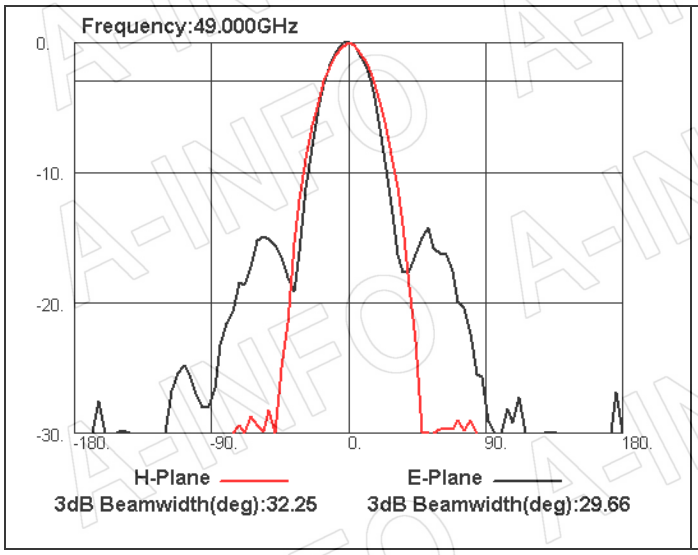

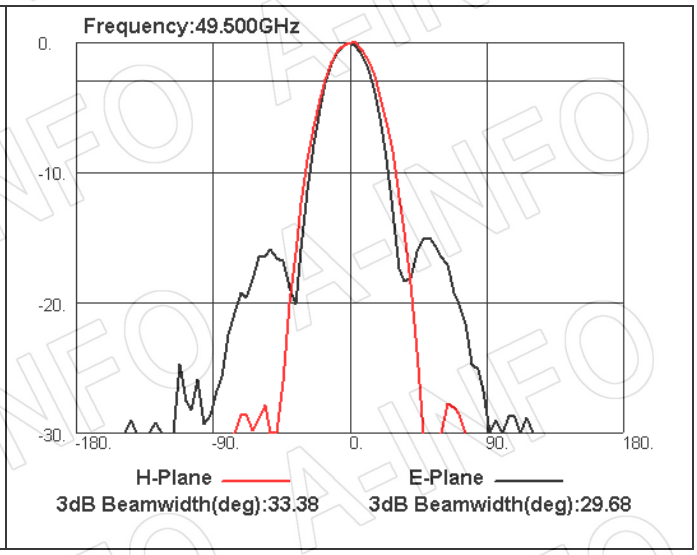

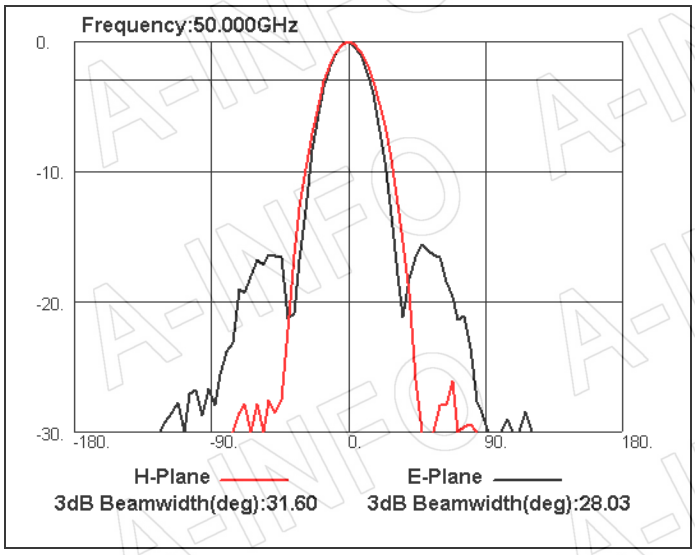

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