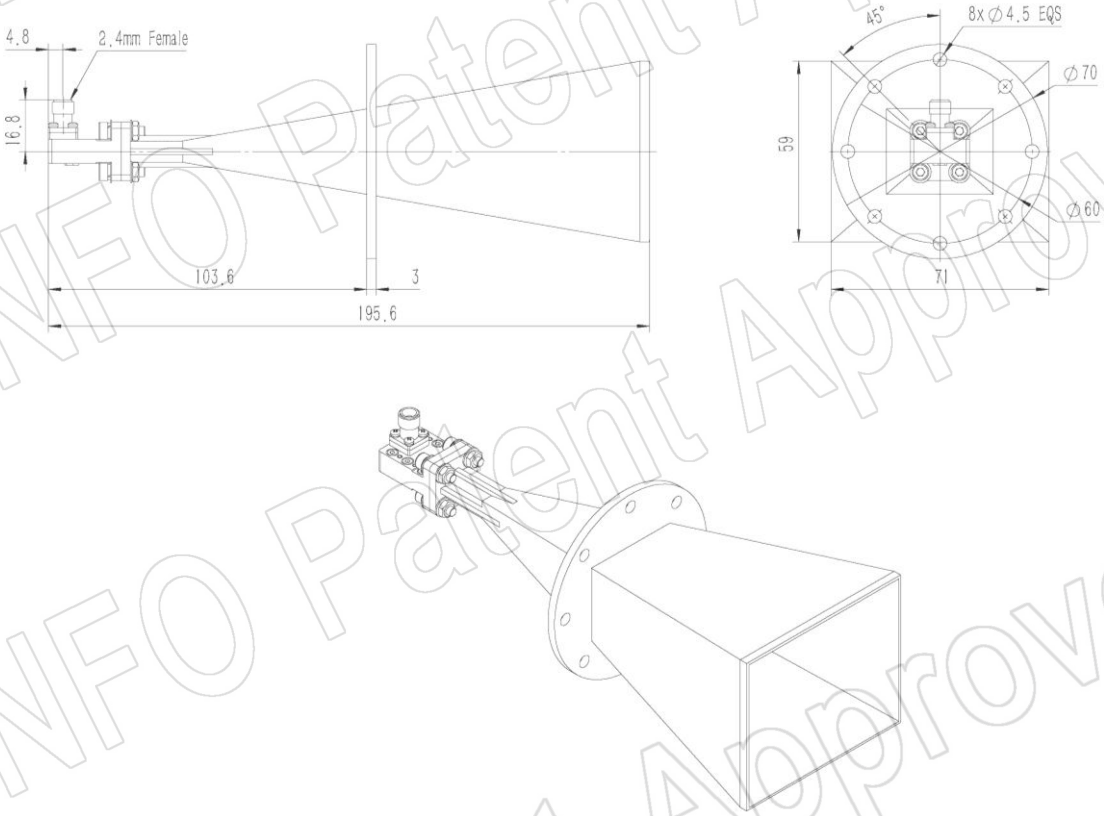
Technical Specification

Frequency Range(GHz)	24.0 - 50.0	
Waveguide	WR28	
Gain(dBi)	25 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E Plane:	8 Typ.
	H Plane:	10 Typ.
Cross Pol. Isolation(dB)	40 Typ.	
VSWR	1.40:1 Typ.	
Output	2.4mm-Female	
Material	Cu	
Size(mm)	71 x 70 x 195.6	
Net Weight(Kg)	0.36 Around	

PATENT ID (China) **ZL201830355372.5**

Outline Drawing (Size: mm)

2.4mm-Female Output (P/N: LB-28-25-68-C2-2.4F)



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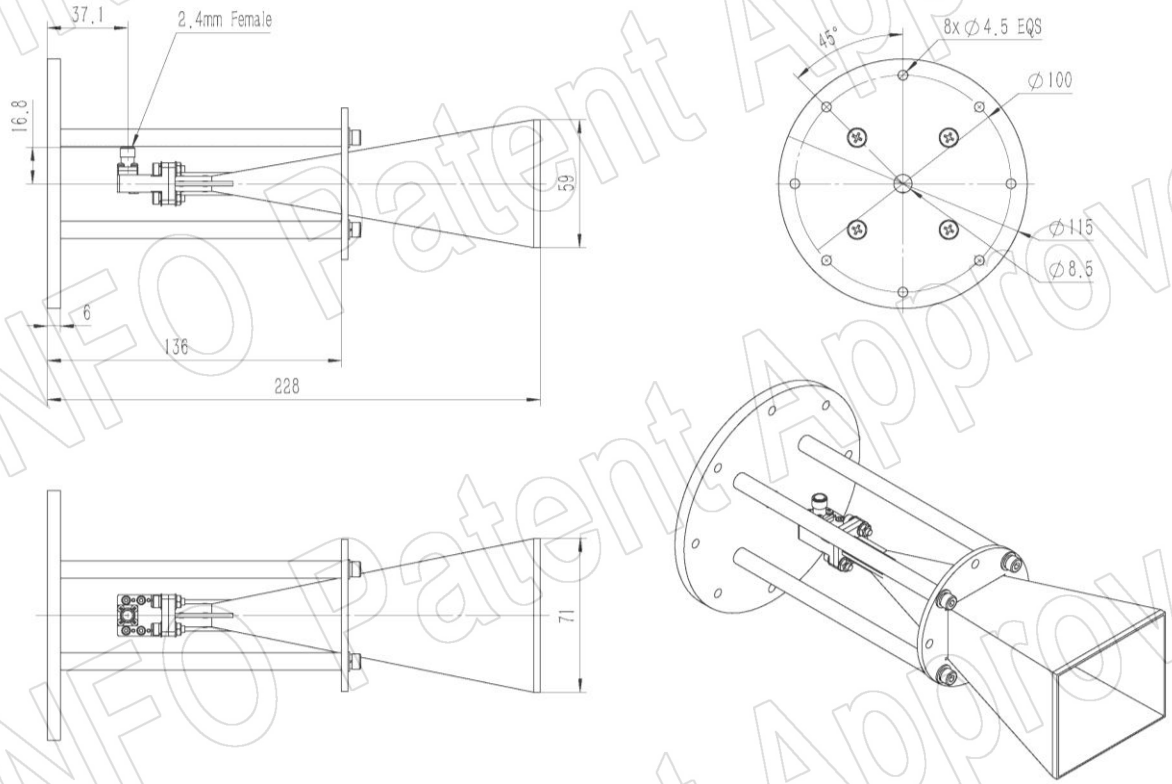
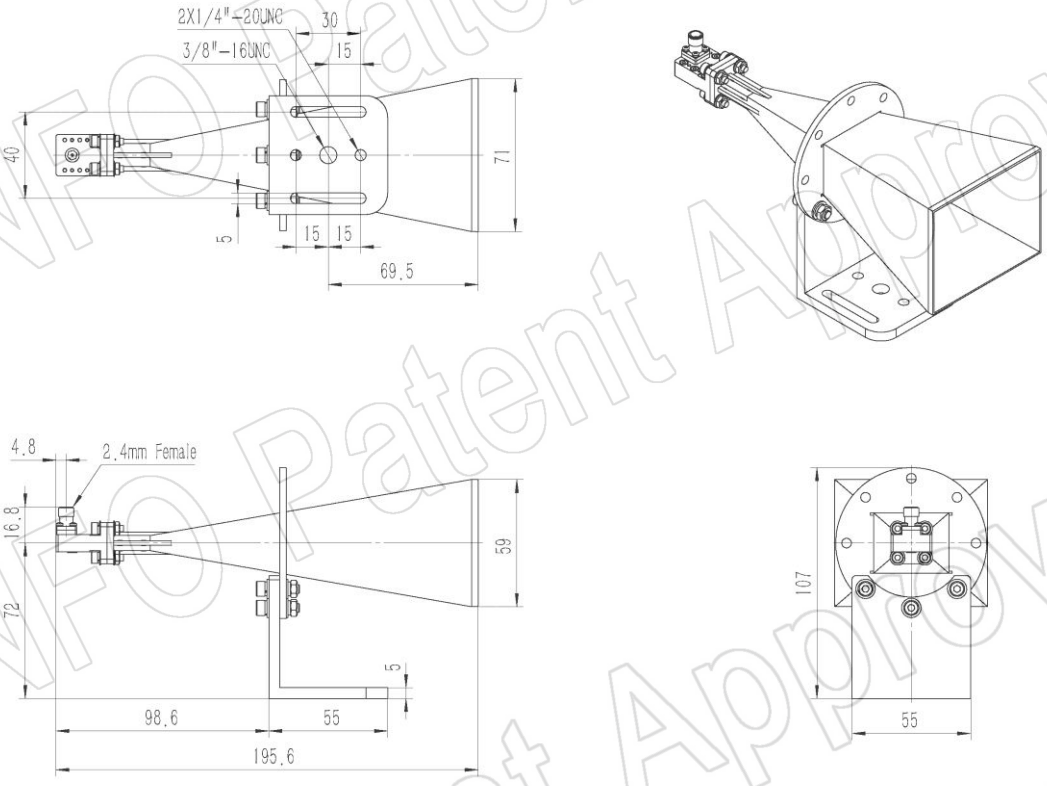
2.4mm-Female Output with Round Mounting Bracket (Option, P/N: LB-28-25-MB2)



2.4mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-28-25-L2)



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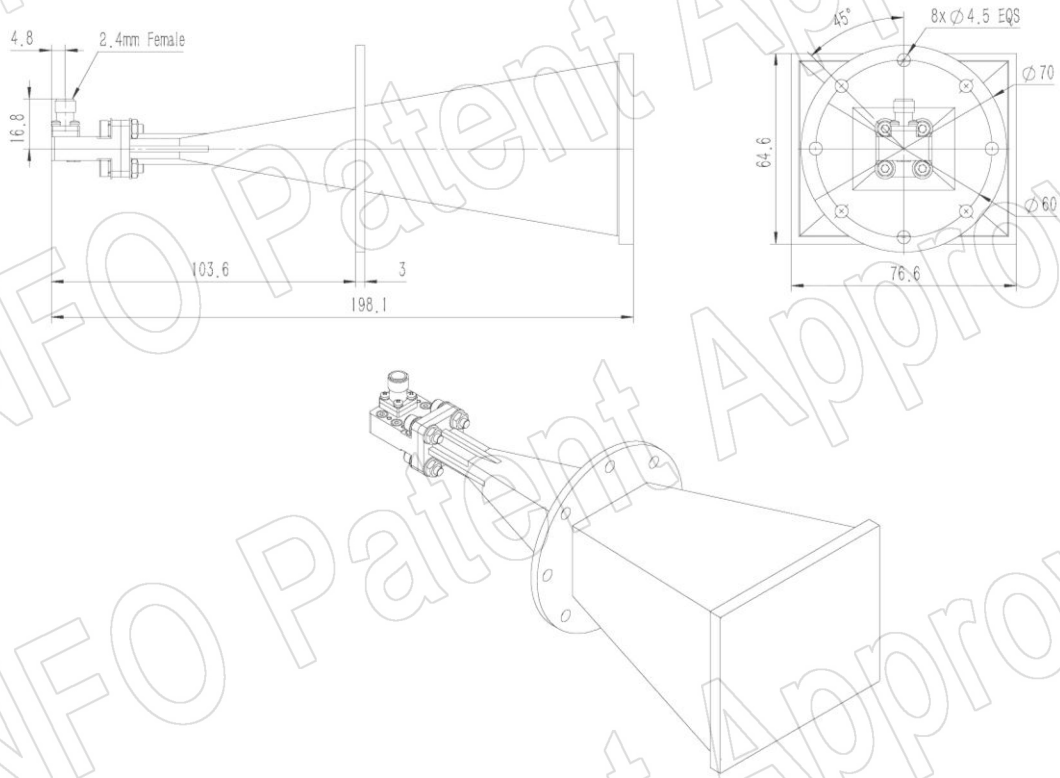
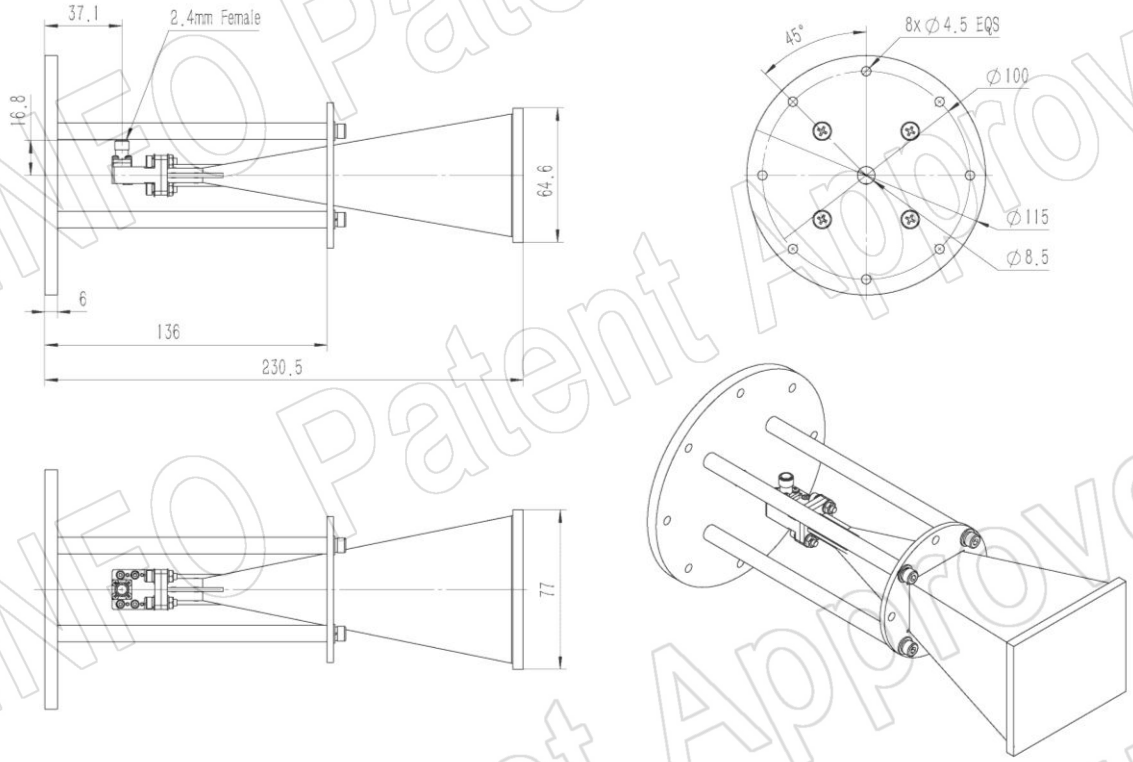
2.4mm-Female Output with Radome (Option, P/N: LB-28-25-68-C2-2.4FSPO, Outdoor Application)



2.4mm-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-28-25-MB2 & LB-28-25-68-C2-2.4FSPO, Outdoor Application)



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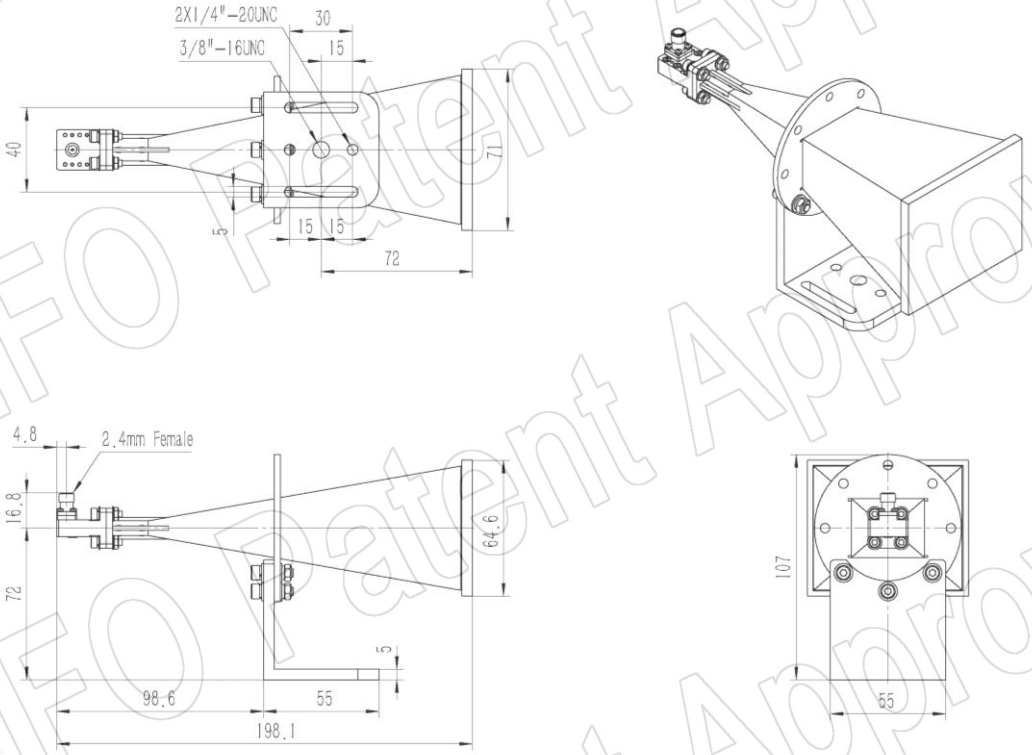
2.4mm-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-28-25-L2 & LB-28-25-68-C2-2.4FSPO, Outdoor Application)



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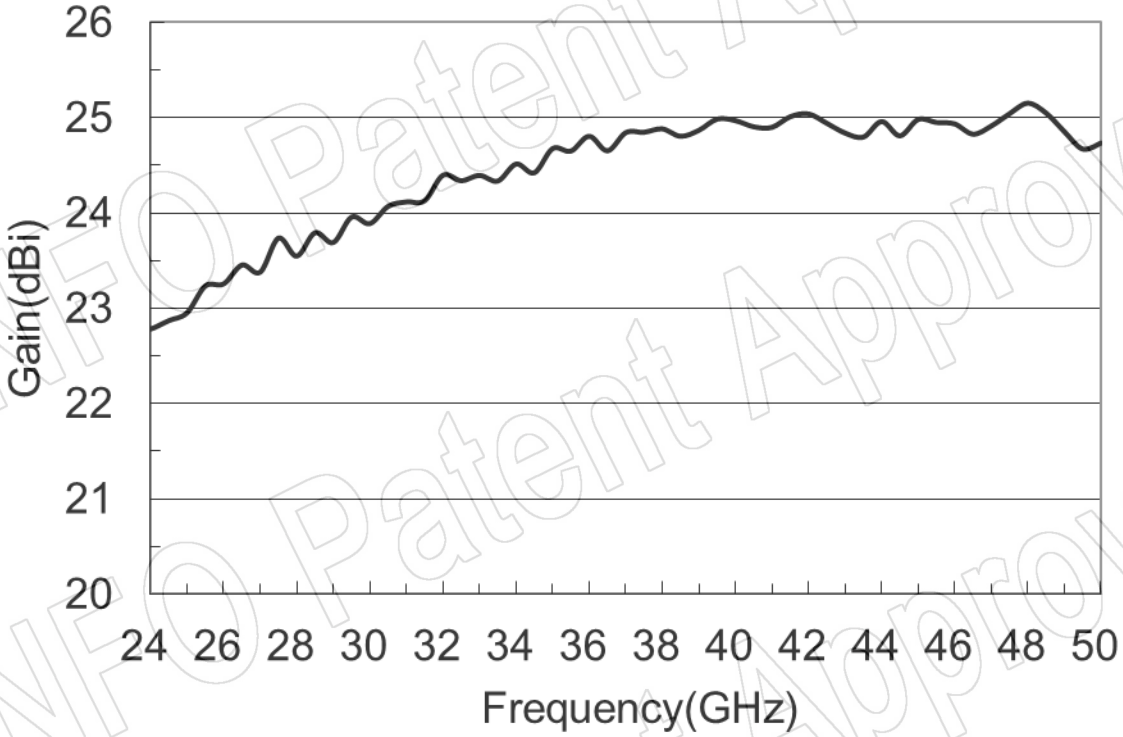
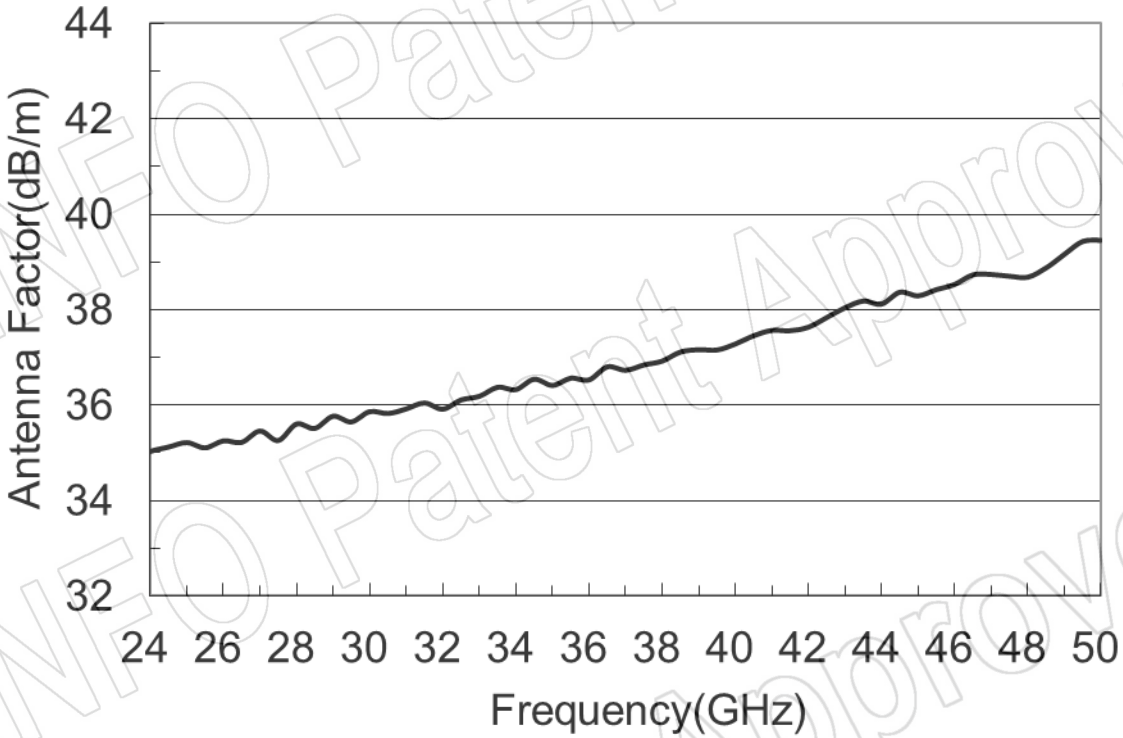
Test Results

1. Gain & Antenna Factor





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Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
24	22.78	35.03
25	22.95	35.22
26	23.26	35.25
27	23.38	35.46
28	23.55	35.61
29	23.69	35.77
30	23.89	35.86
31	24.12	35.92
32	24.40	35.92
33	24.39	36.19
34	24.51	36.33
35	24.68	36.42
36	24.81	36.53
37	24.84	36.73
38	24.88	36.92
39	24.87	37.16
40	24.97	37.28
41	24.90	37.57
42	25.04	37.64
43	24.84	38.04
44	24.96	38.12
45	24.98	38.29
46	24.93	38.53
47	24.91	38.74
48	25.15	38.68
49	24.85	39.16
50	24.73	39.46

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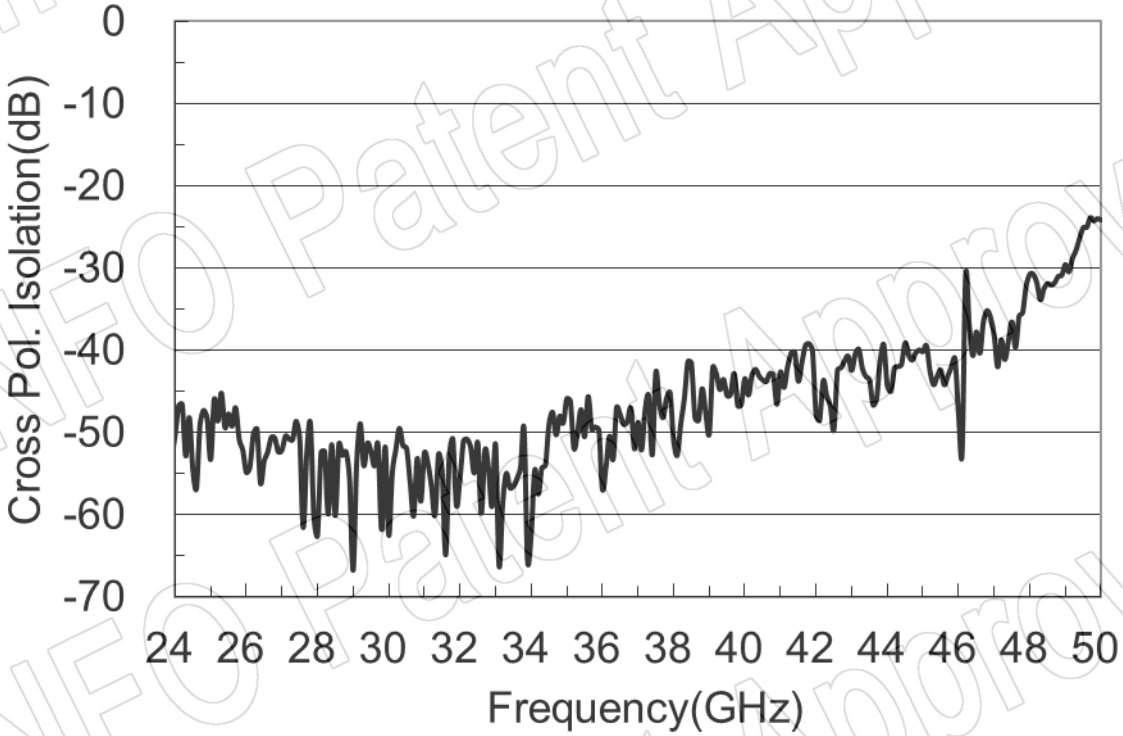
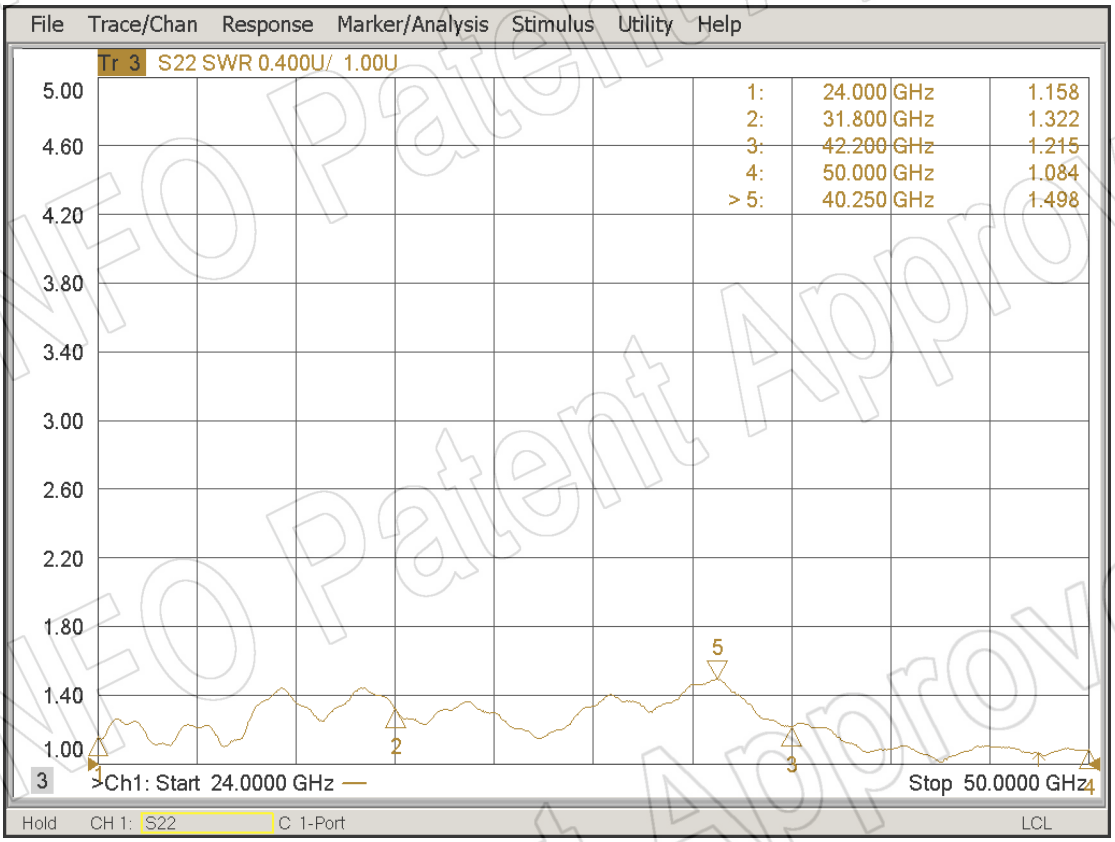
2. Cross Polarization Isolation



3. VSWR



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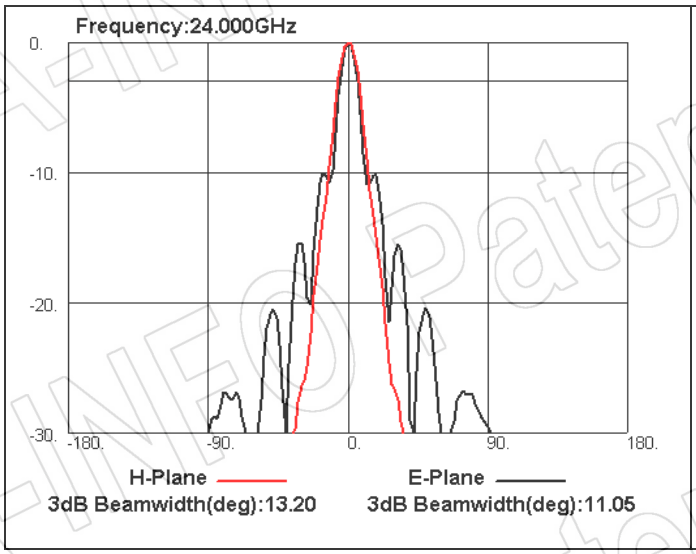
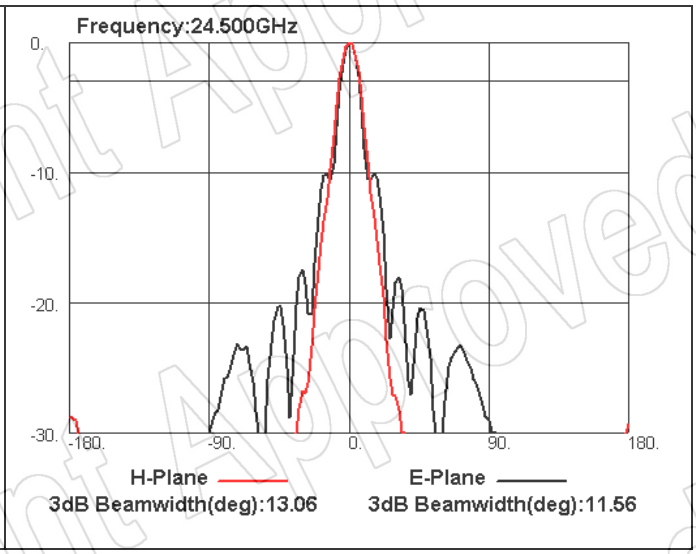
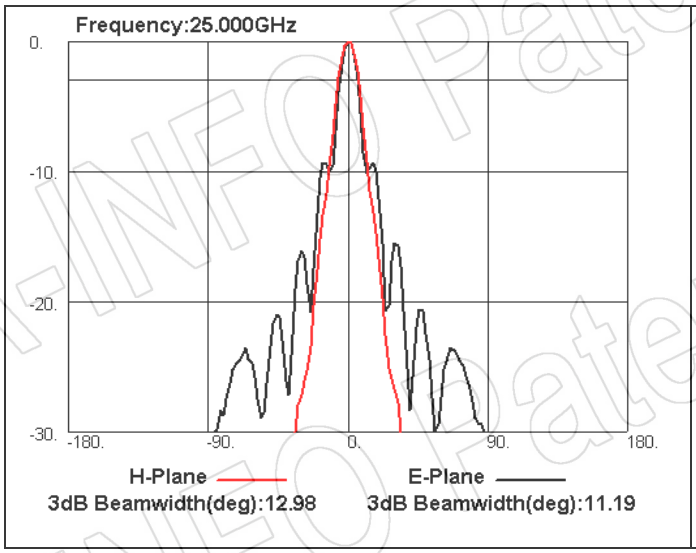
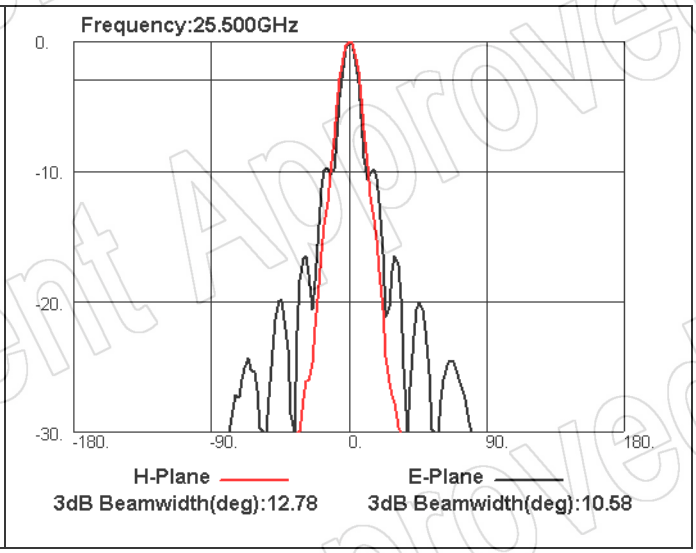
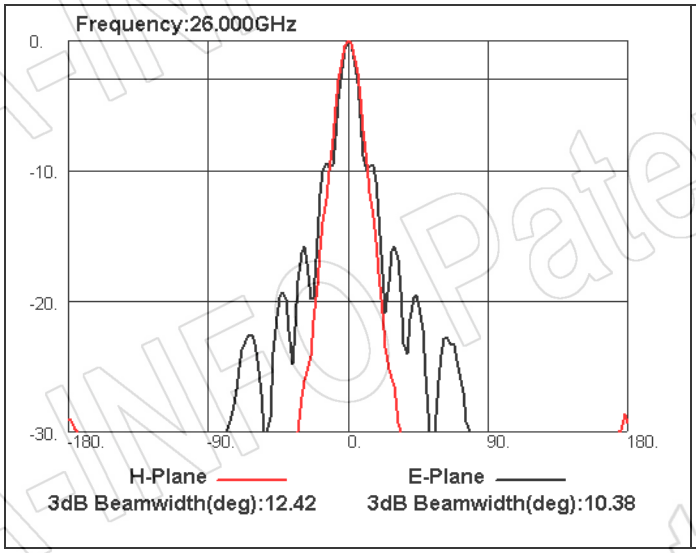
4. Pattern

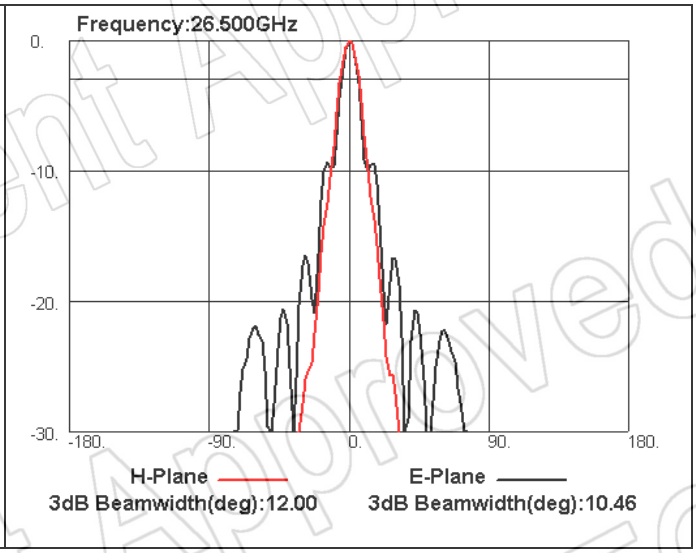












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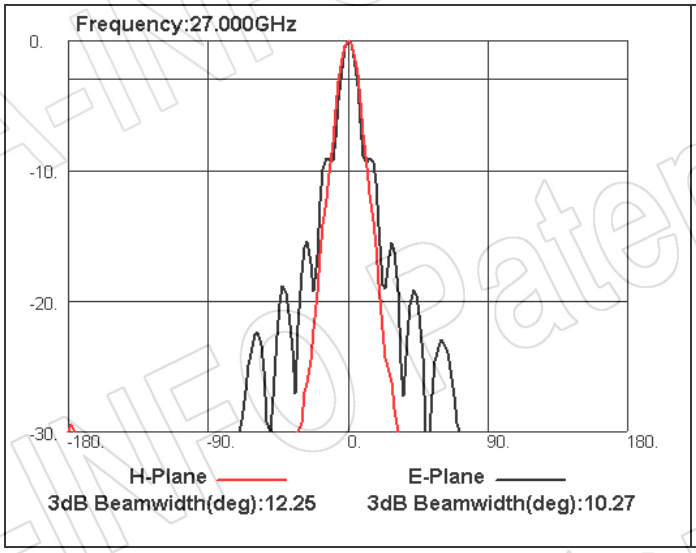

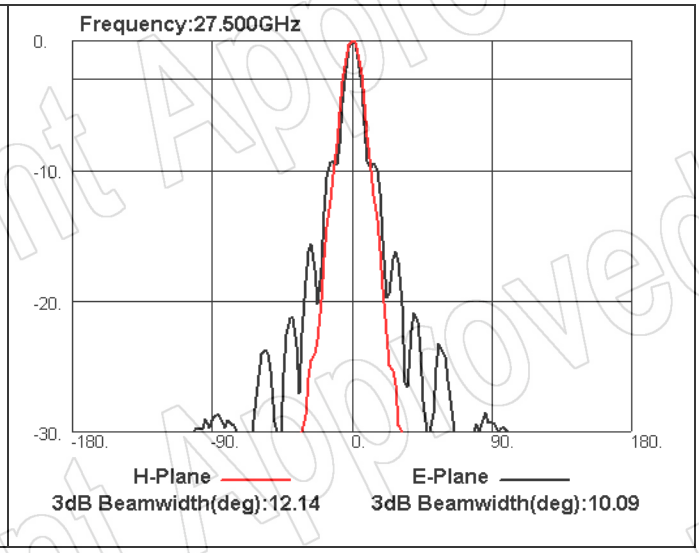

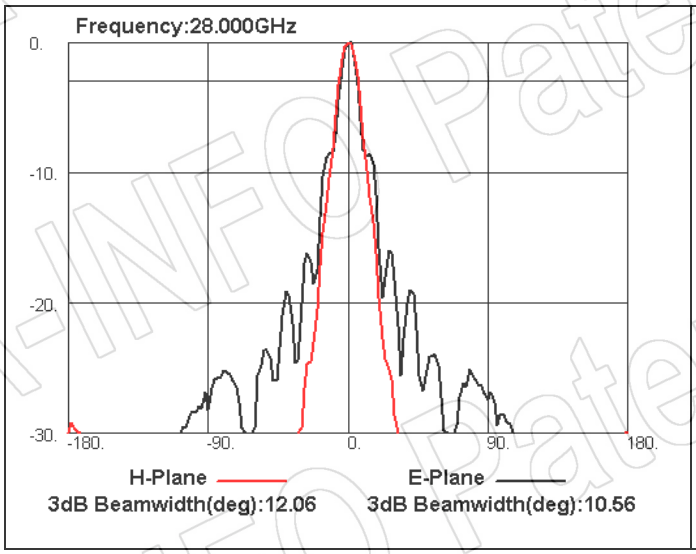

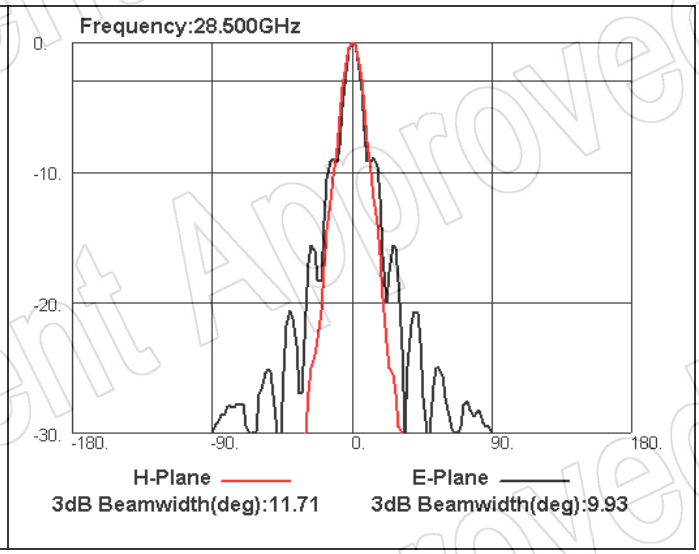

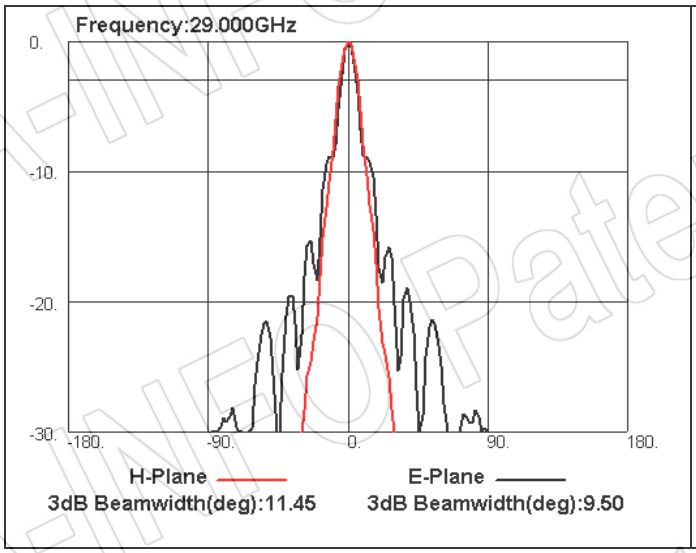

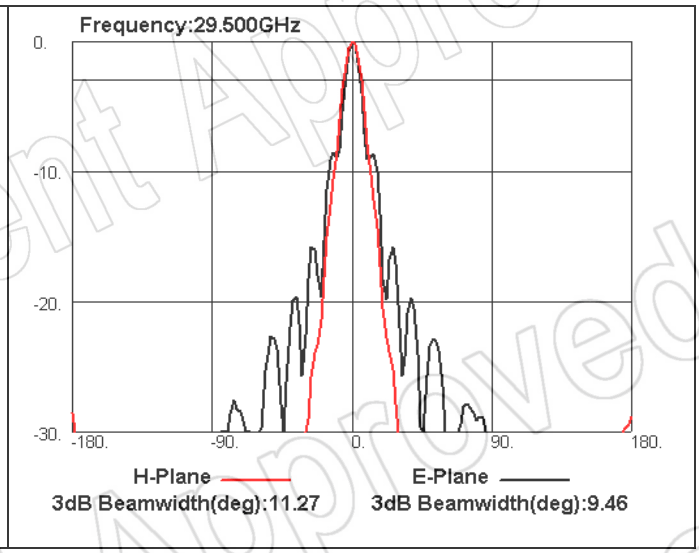

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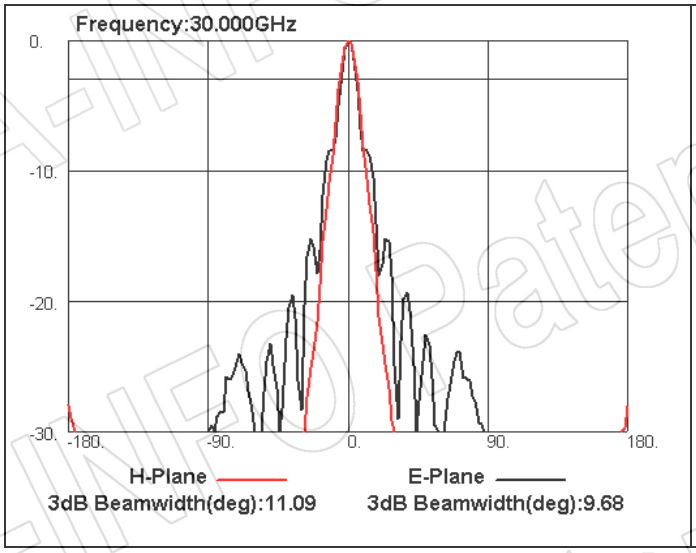

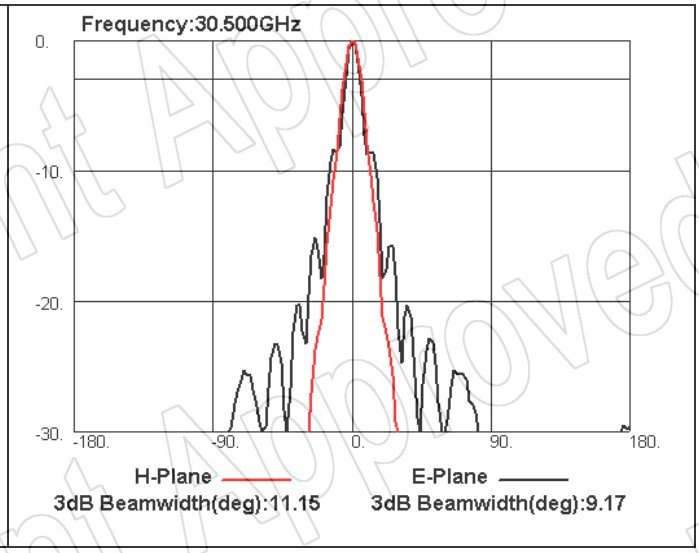

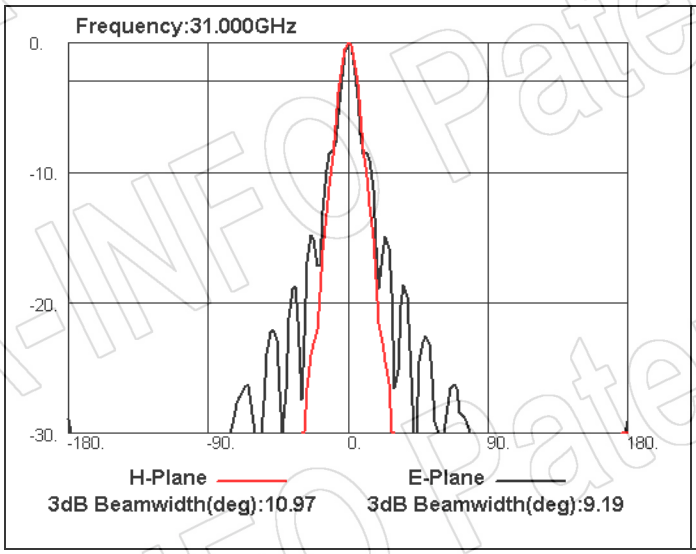

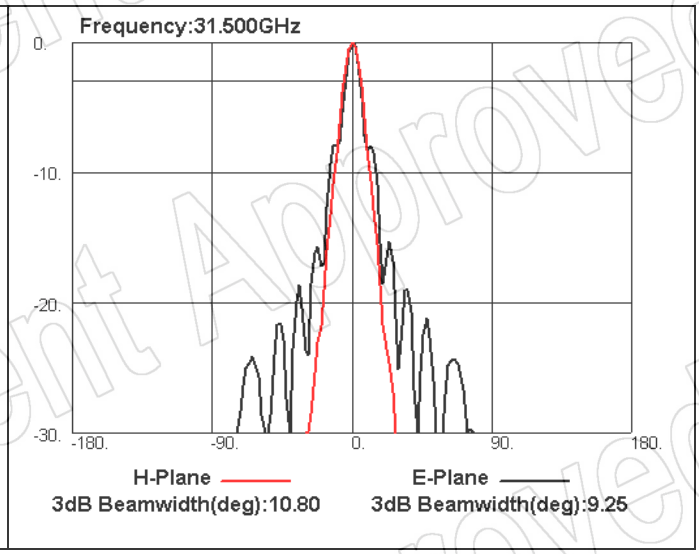

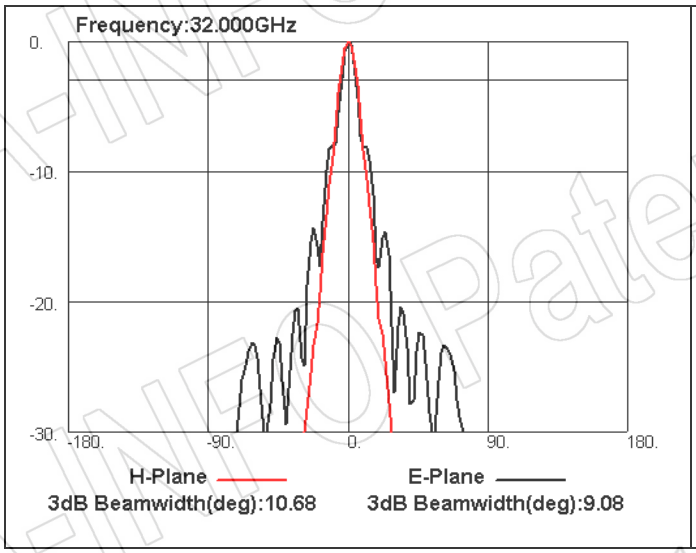

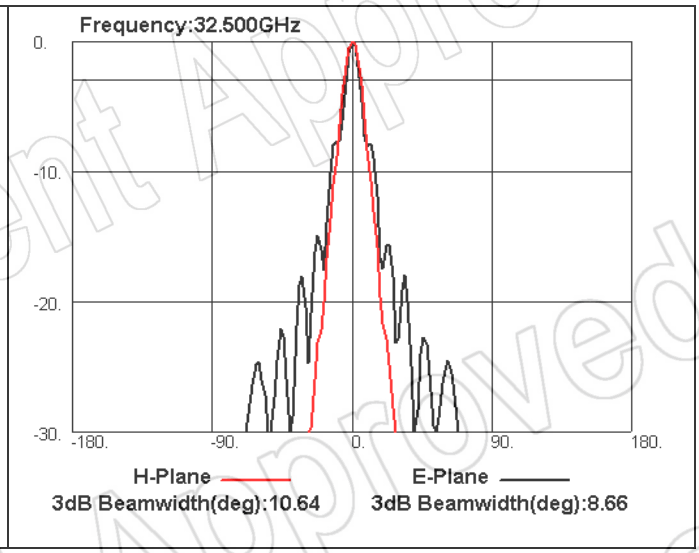

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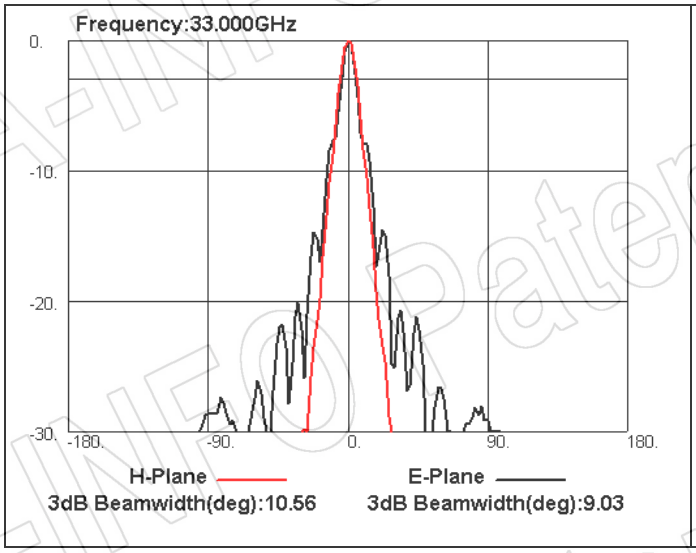

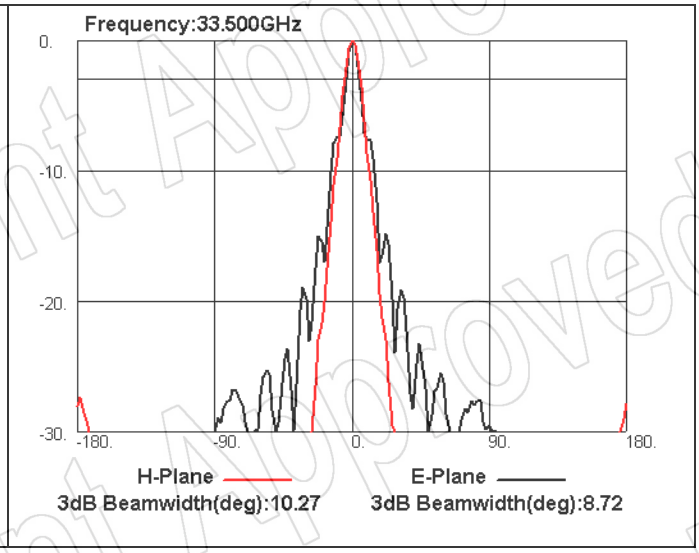

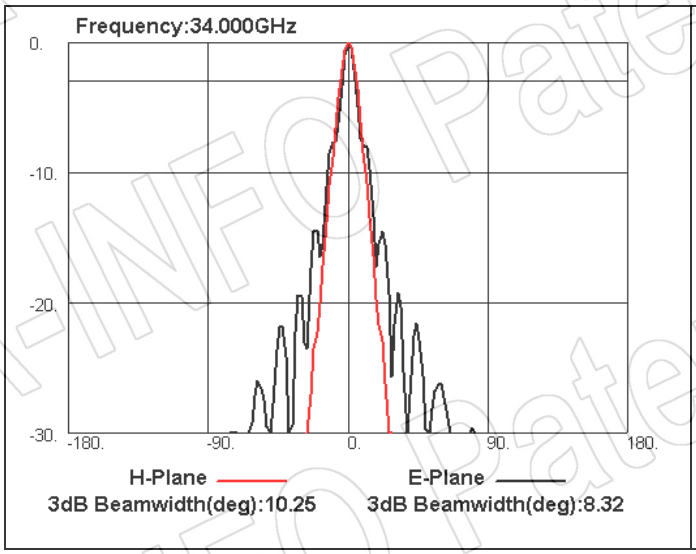

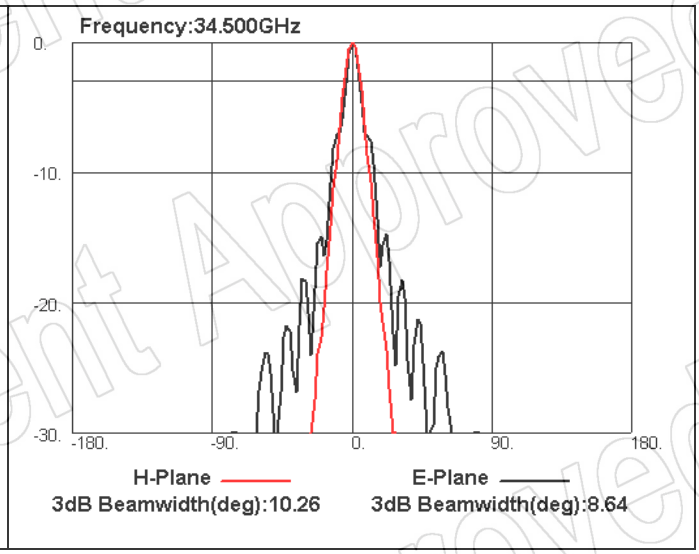

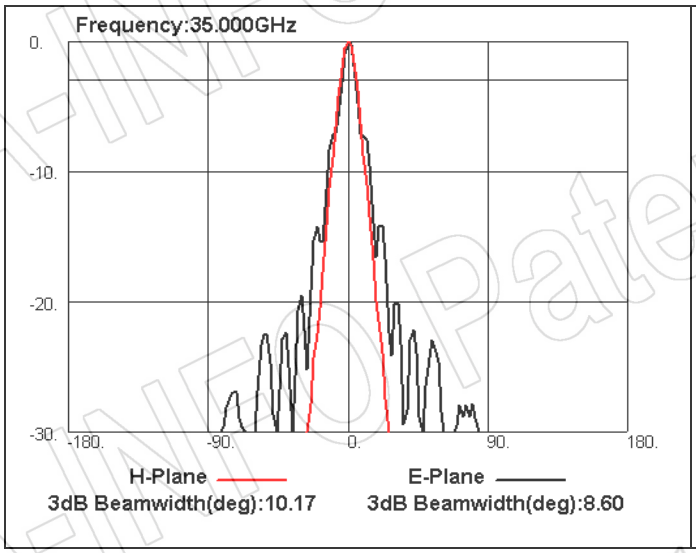

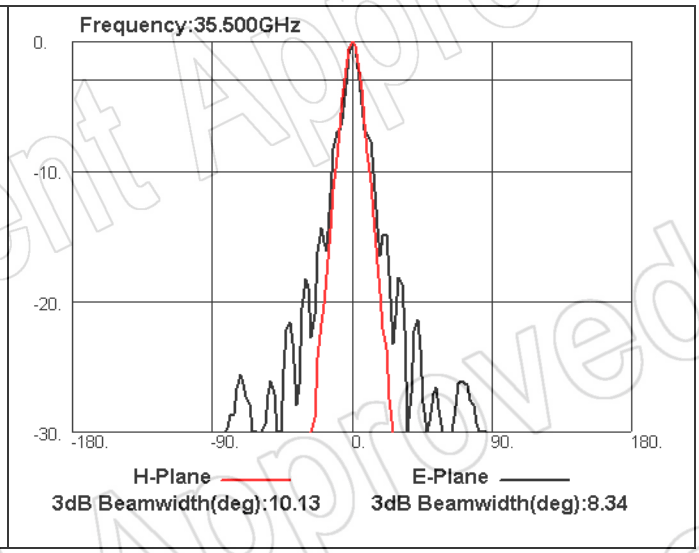

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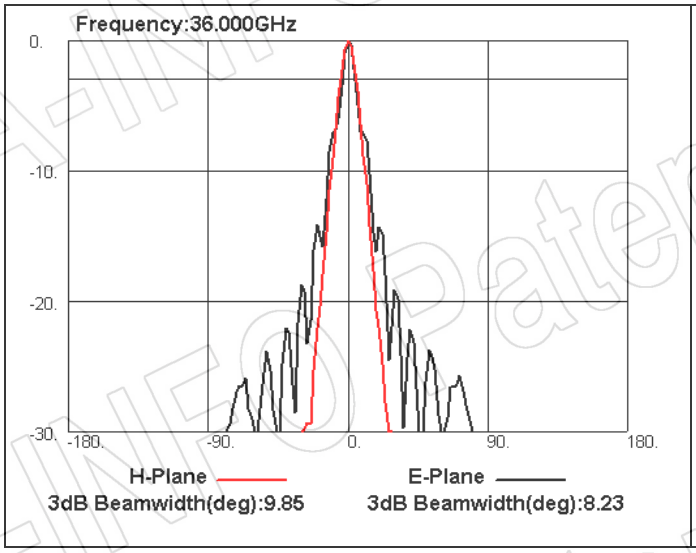

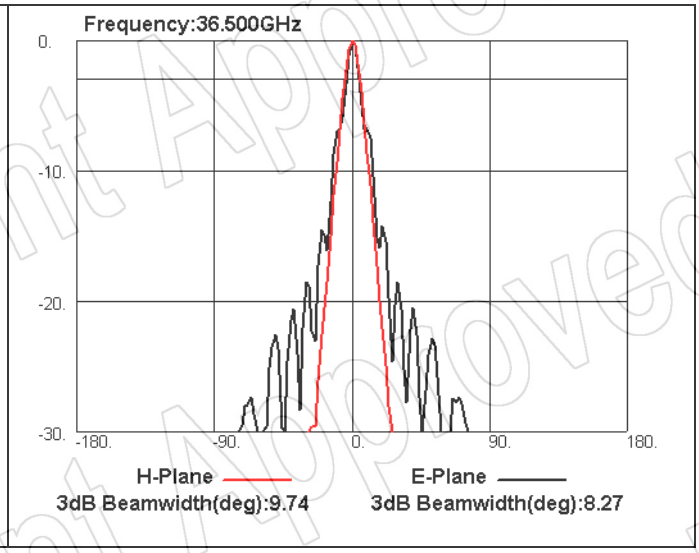

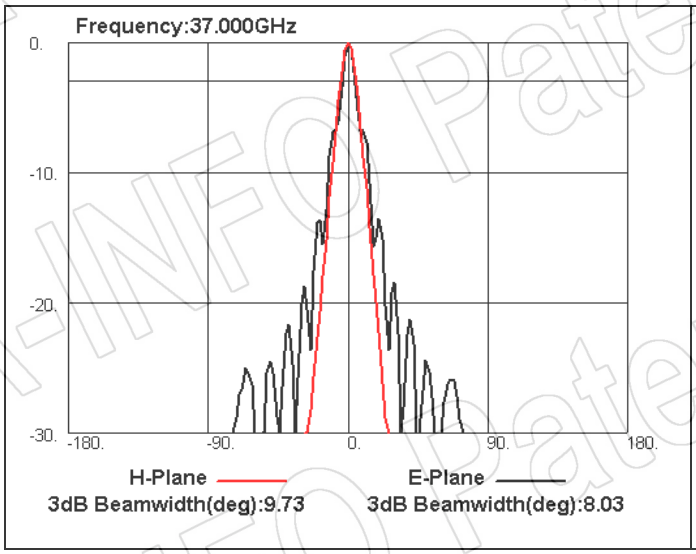

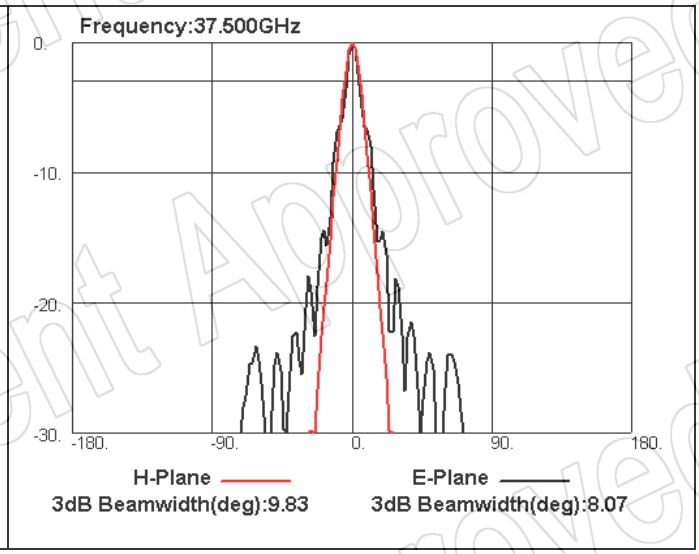

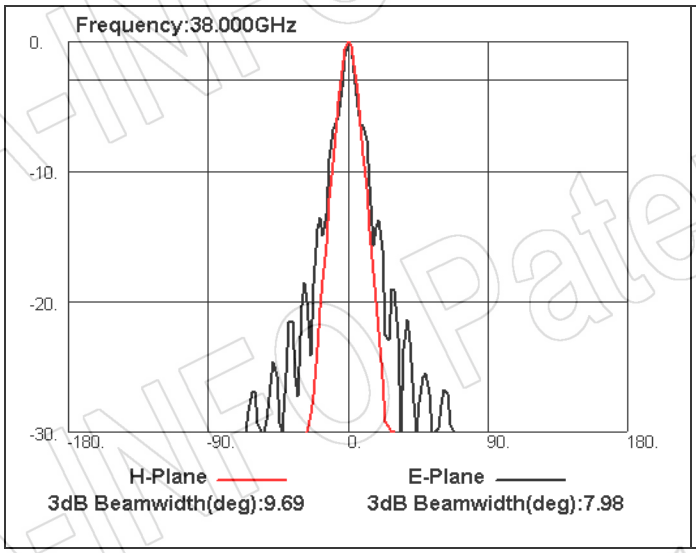

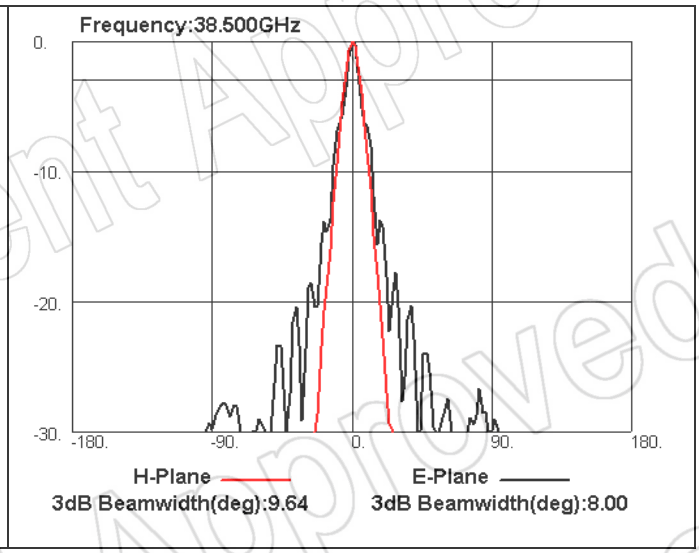

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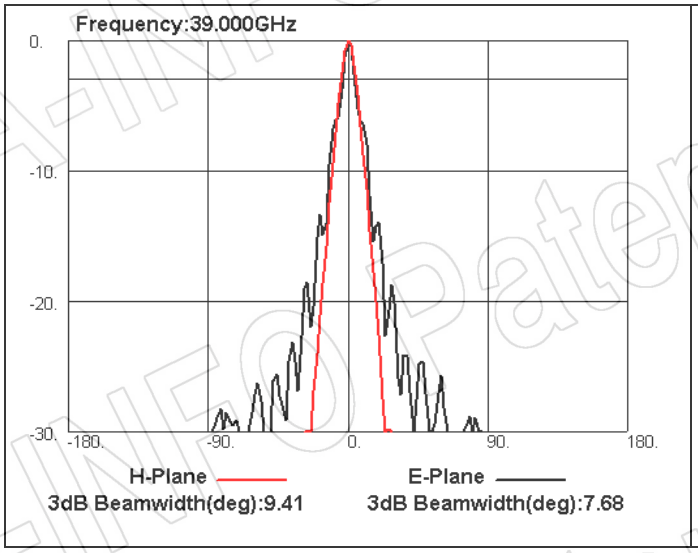

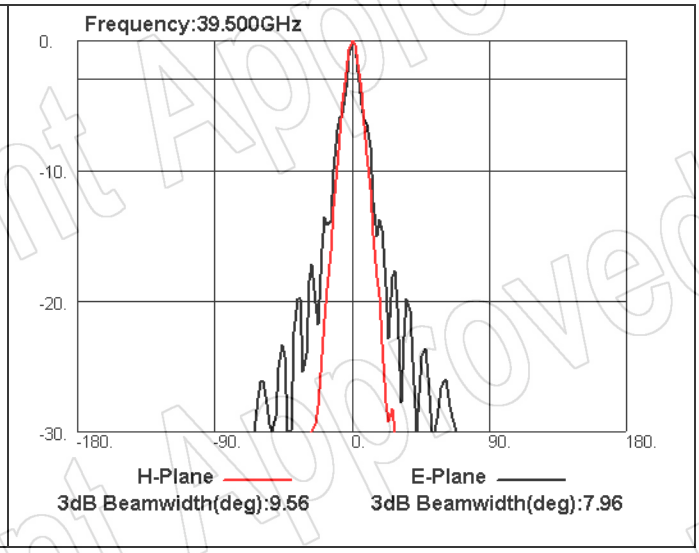

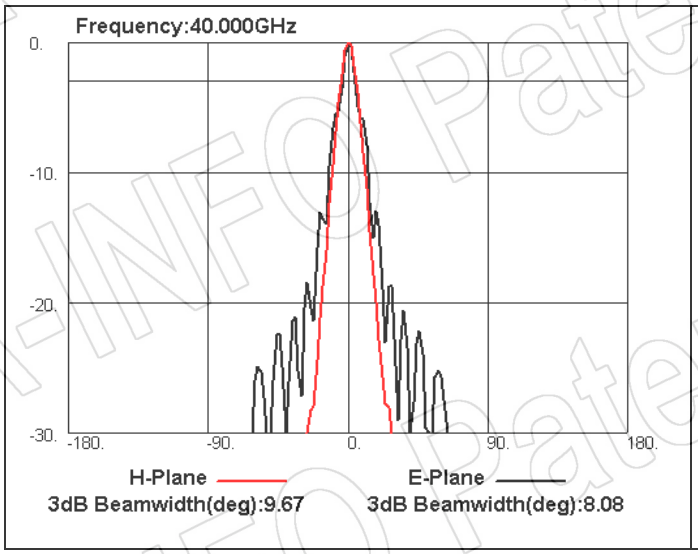

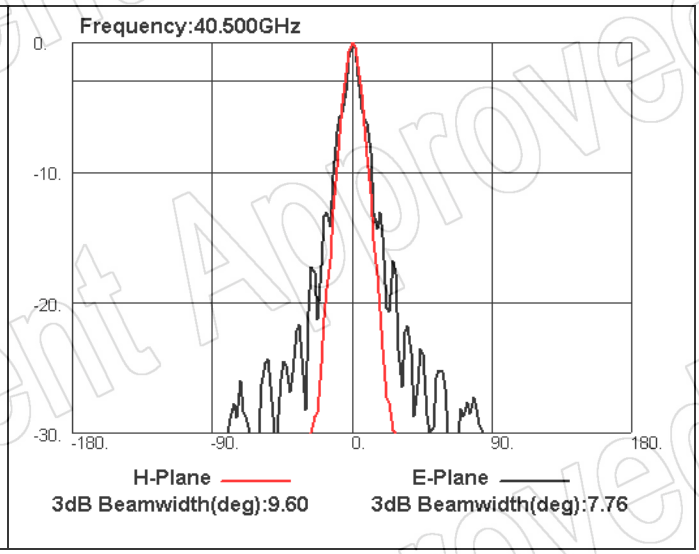

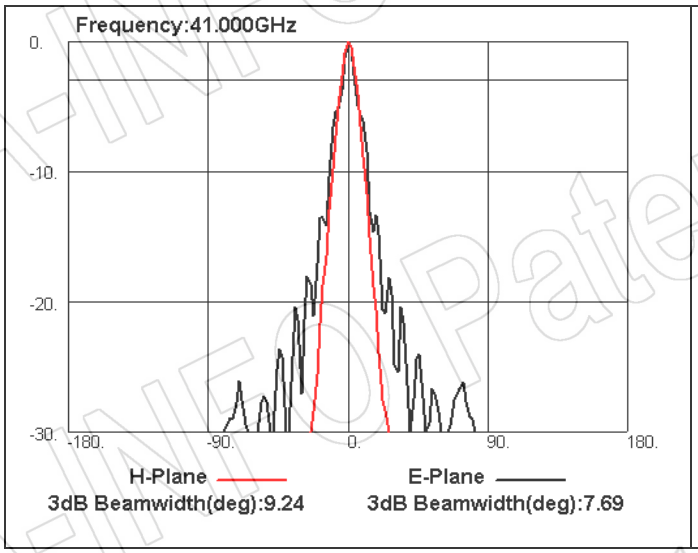

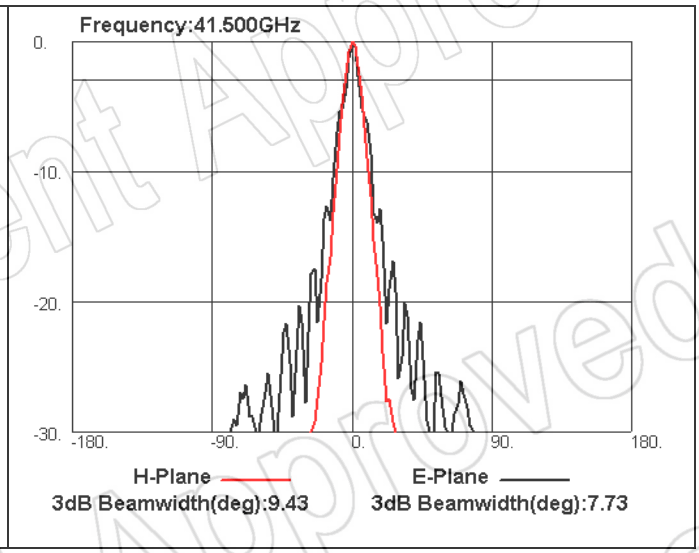

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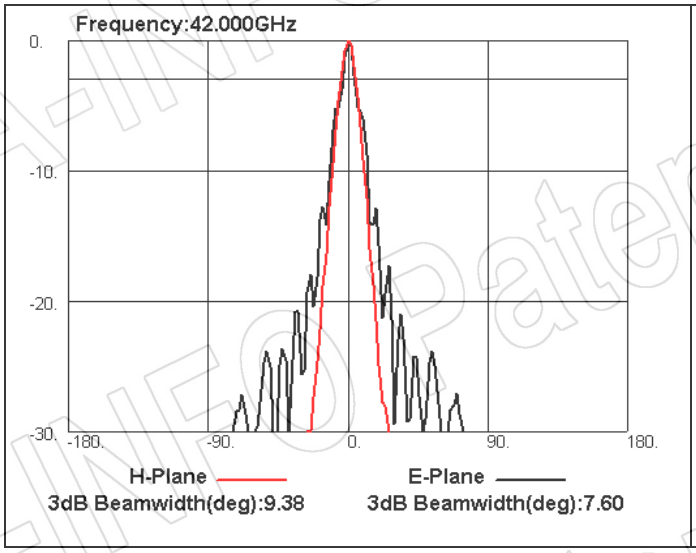

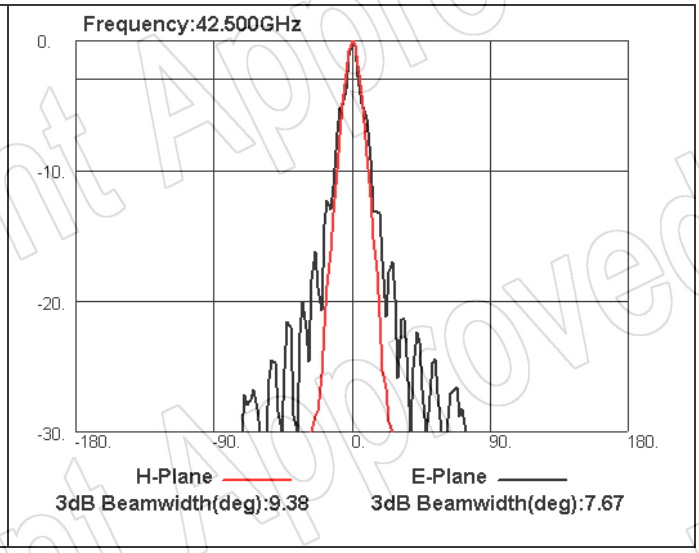

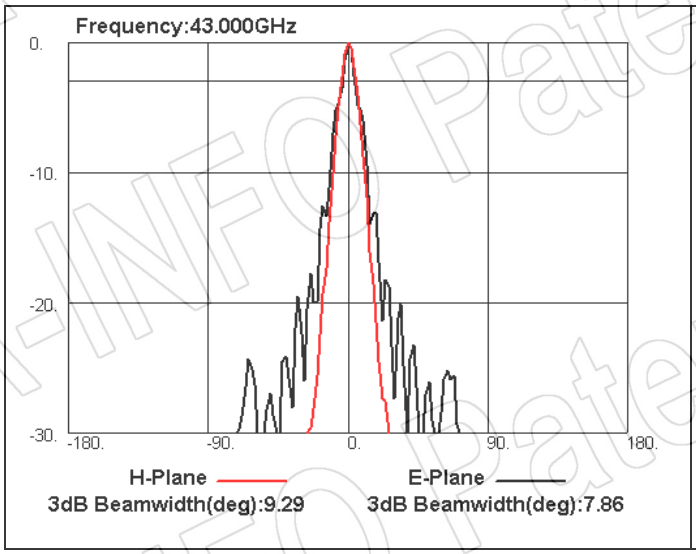

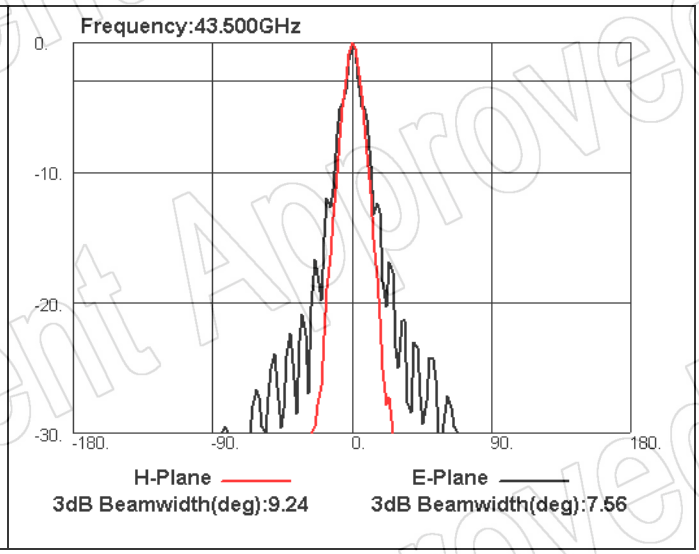

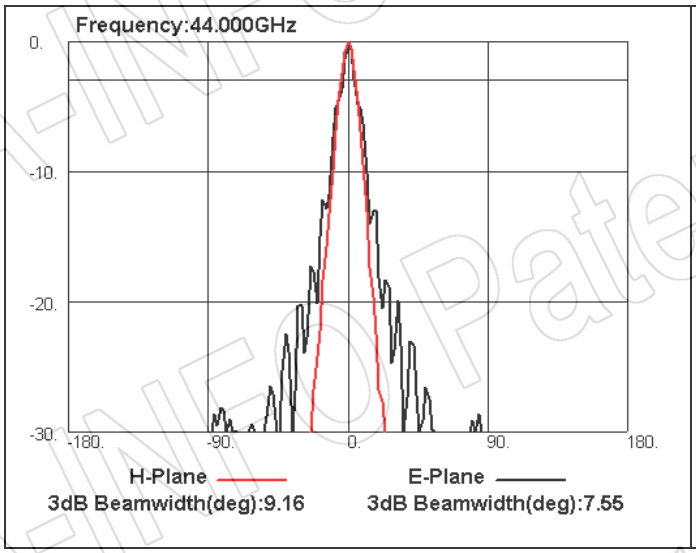

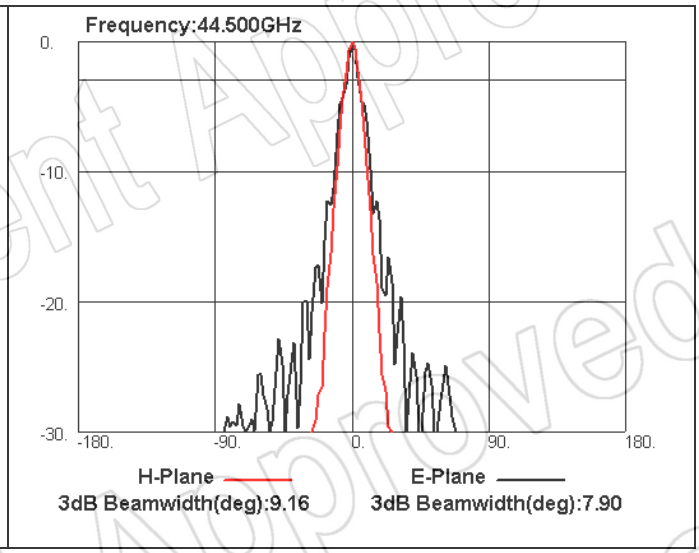

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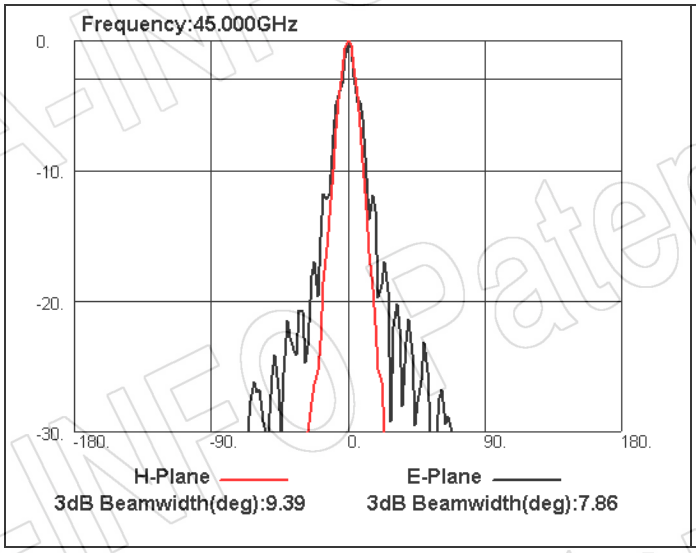

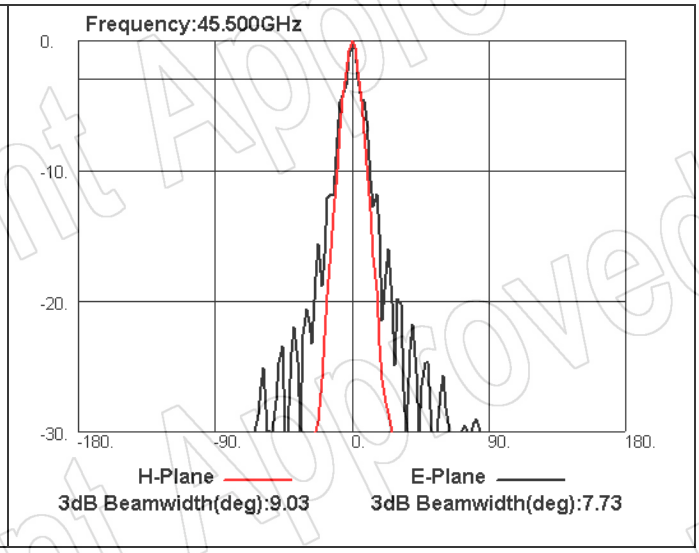

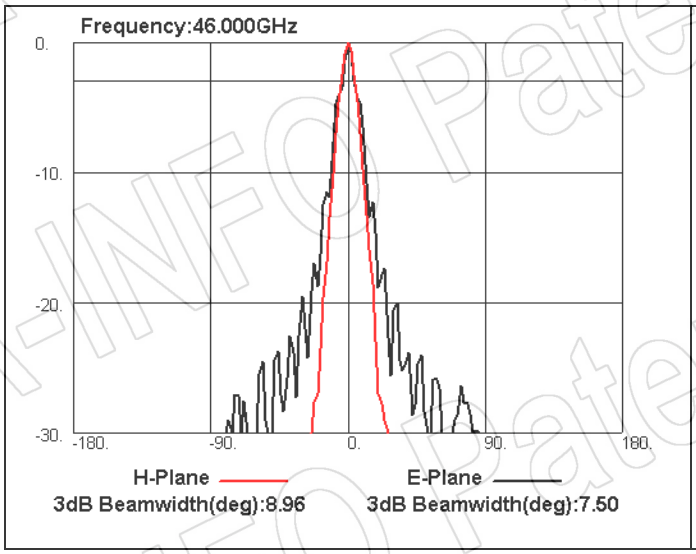

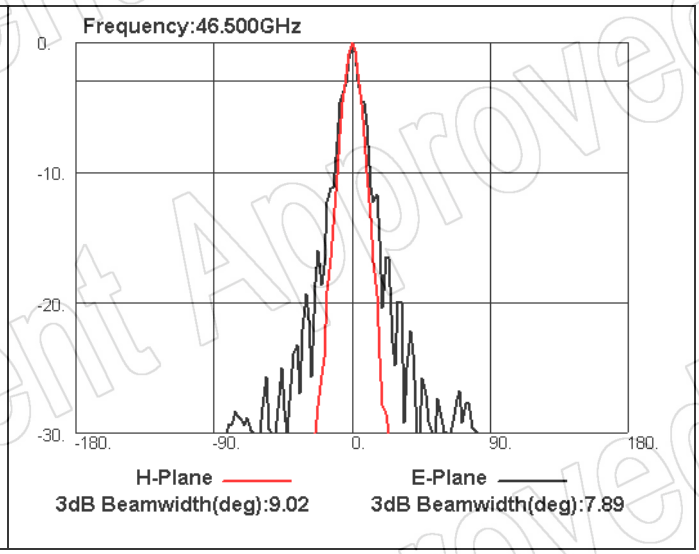

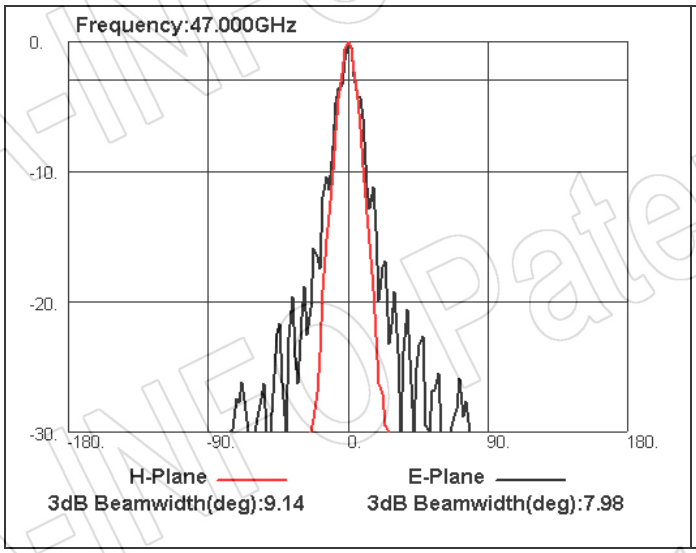

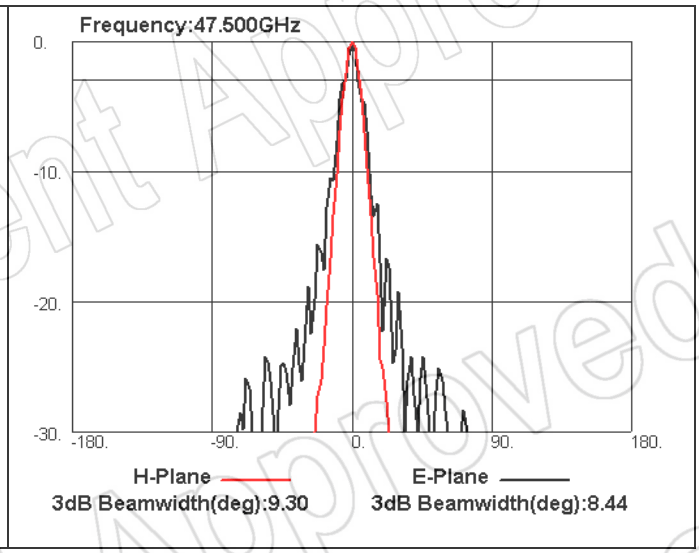

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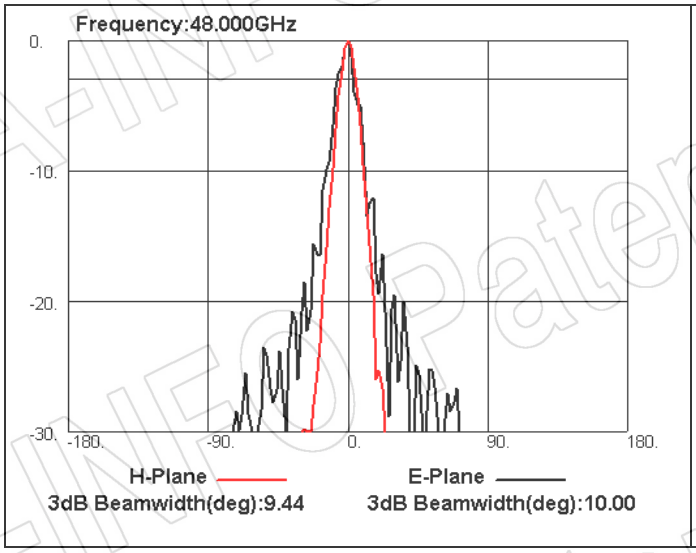

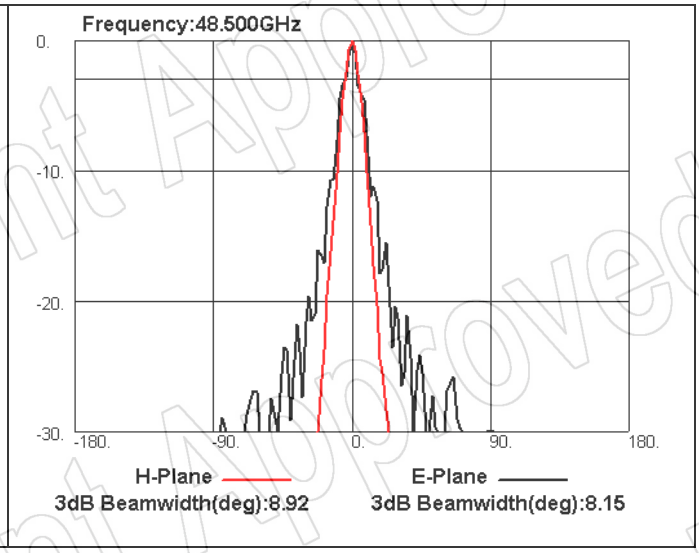

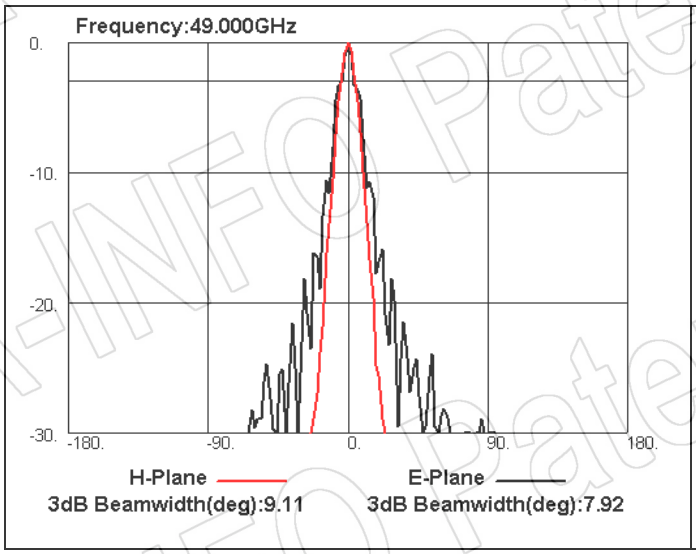

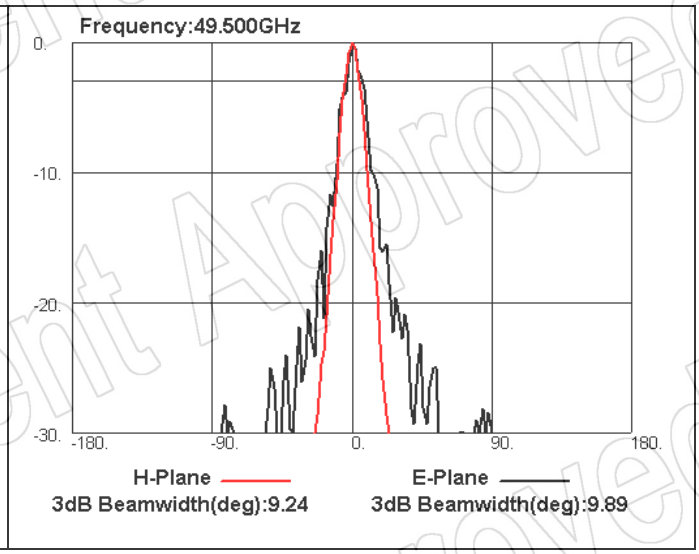

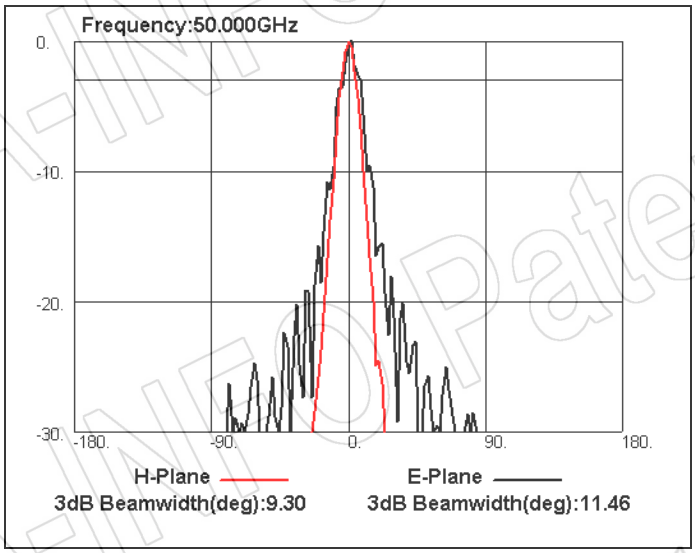

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