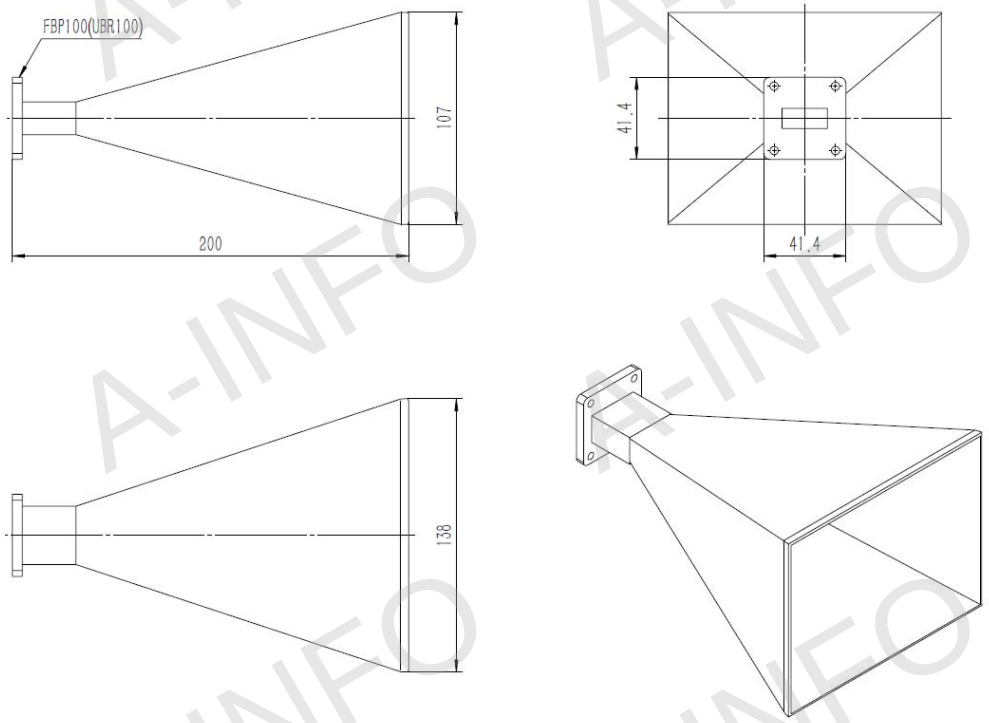
Technical Specification

Frequency Range(GHz)	8.2 – 12.4	
Waveguide	WR90	
Gain(dBi)	20 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	18 Typ.	
Cross Pol. Isolation(dB)	-45 Typ.	
VSWR	A Type:	1.10:1 Typ.
	C Type:	1.25:1 Typ.
Output	A Type:	FBP100(UBR100)
	C Type:	N/ SMA/3.5mm/TNC/7mm
Material	Al	
Size(mm)	A Type:	138 x 107 x 200
	C Type:	138 x 107 x 238
Net Weight(Kg)	A Type:	0.40 Around
	C Type:	0.45 Around

Outline Drawing (Size: mm)

A Type (With FBP100 Output)



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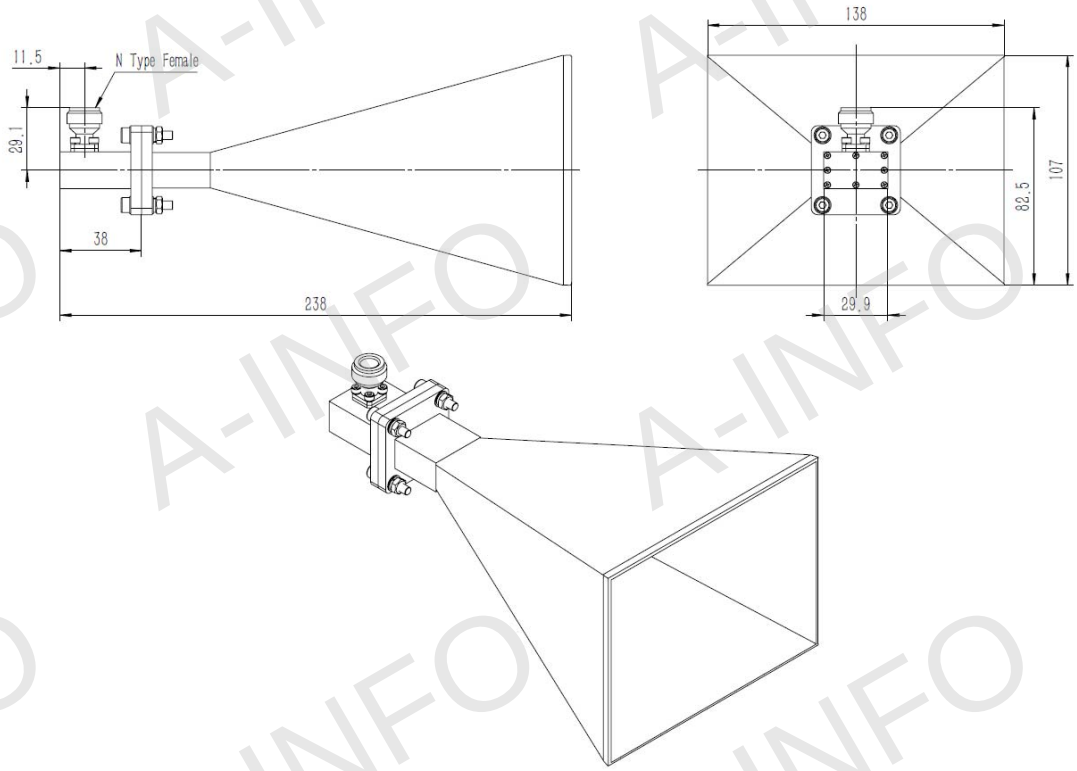
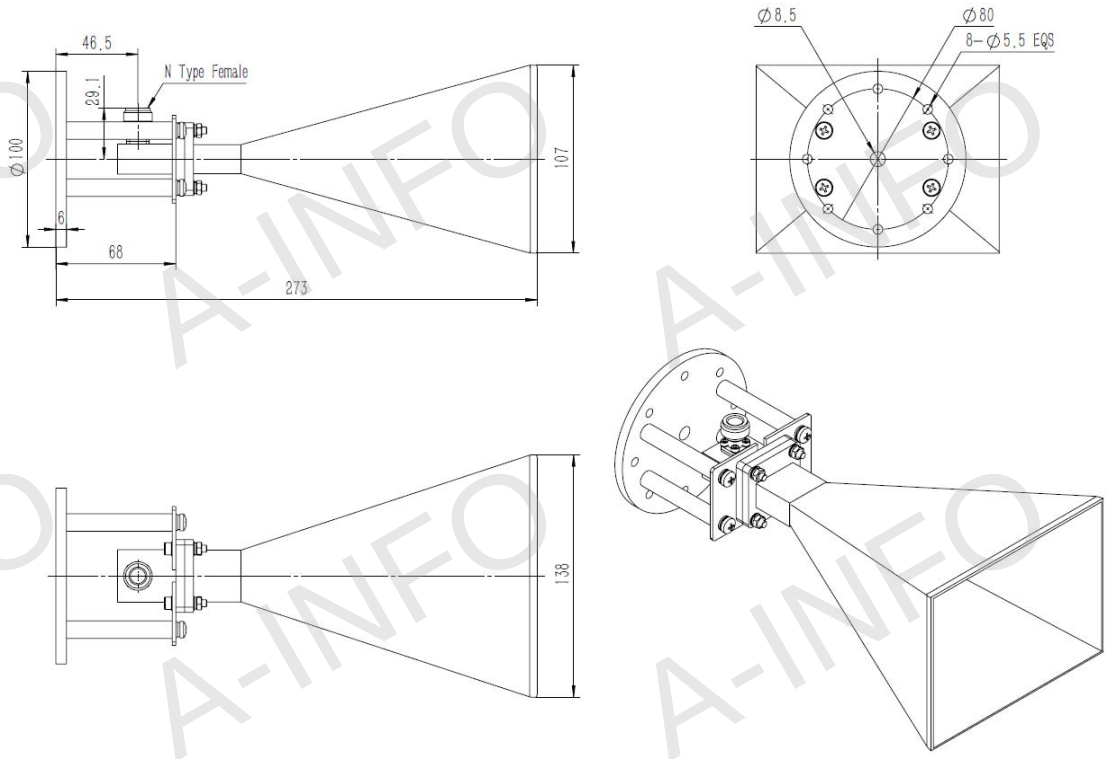
C Type (With N-Female Output)

For SMA-Female, 3.5mm-Female, TNC-Female or 7mm-Female output outline drawing, please contact A-INFO.



C Type (With N-Female Output & Round Mounting Bracket)

For SMA-Female, 3.5mm-Female, TNC-Female or 7mm-Female output outline drawing, please contact A-INFO.



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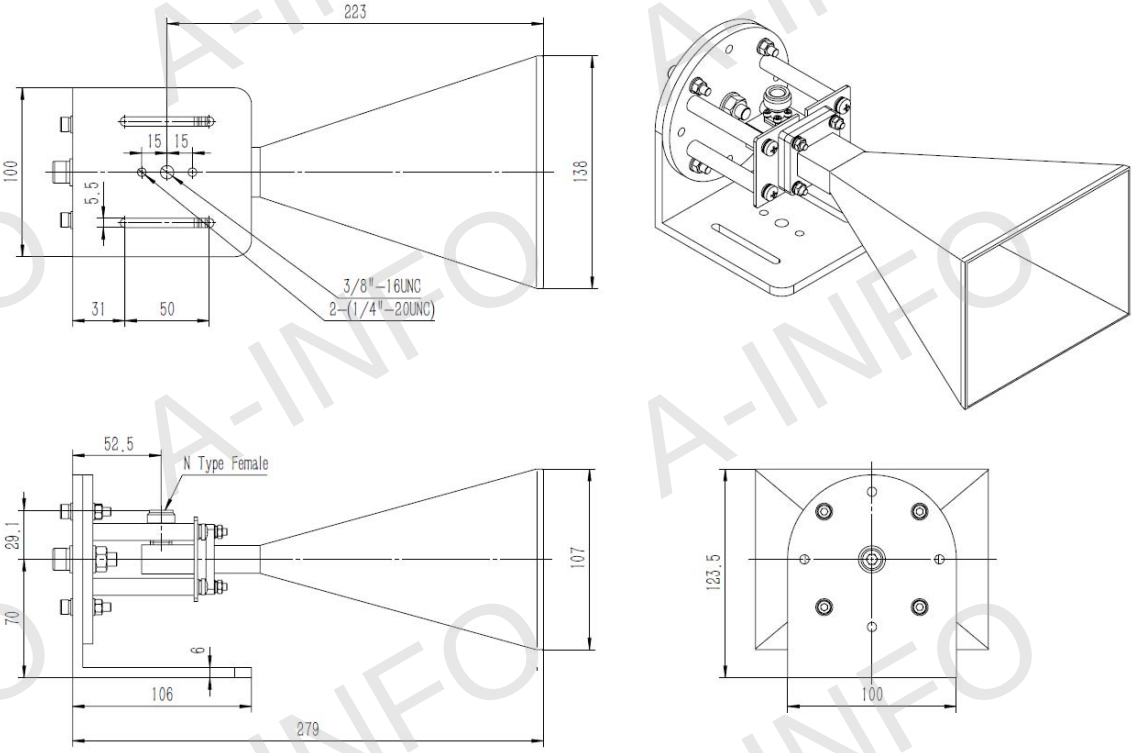
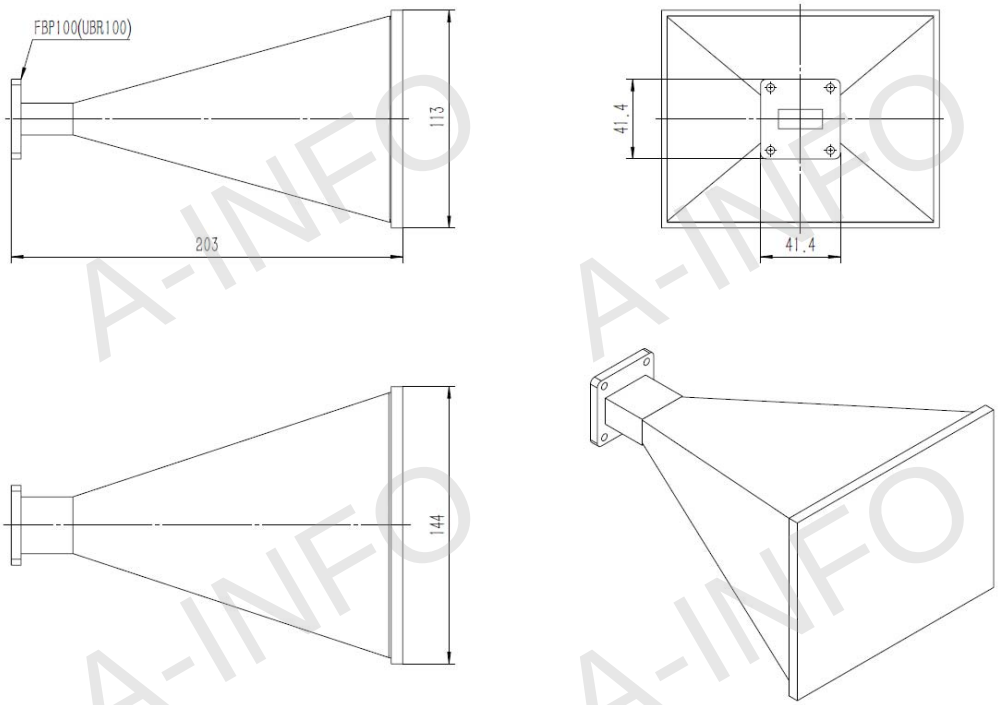
C Type (With N-Female Output & L Type Mounting Bracket)

For SMA-Female, 3.5mm-Female, TNC-Female or 7mm-Female output outline drawing, please contact A-INFO.



A Type (With Radome)



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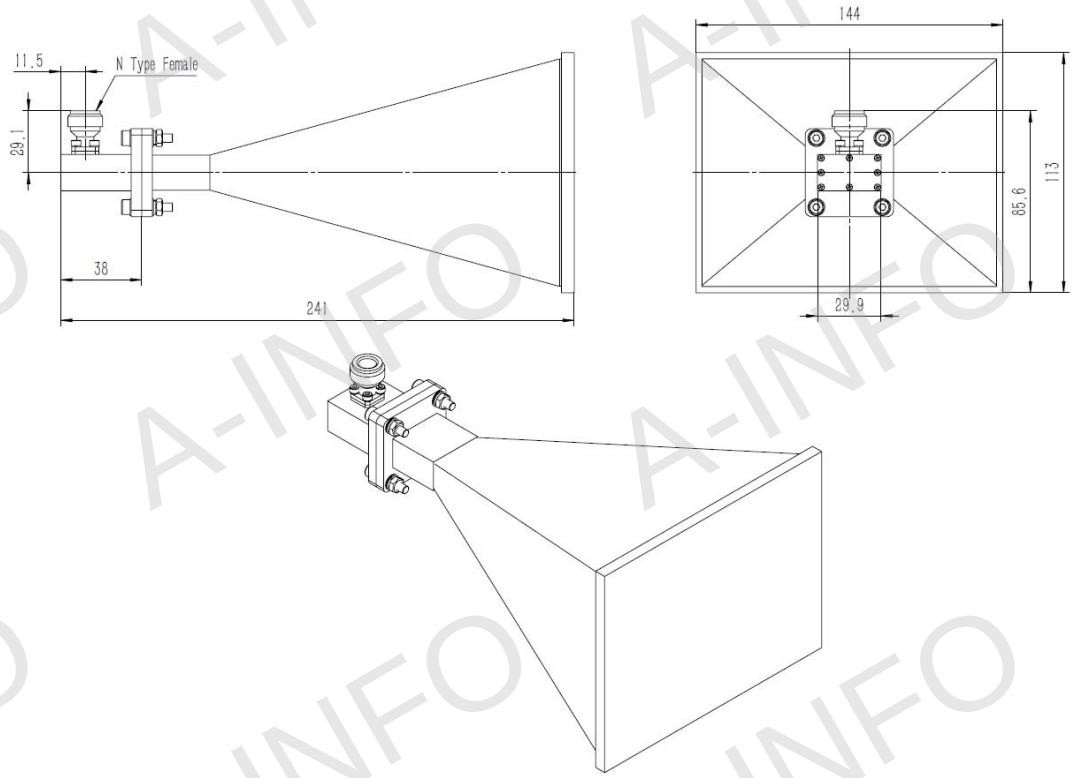
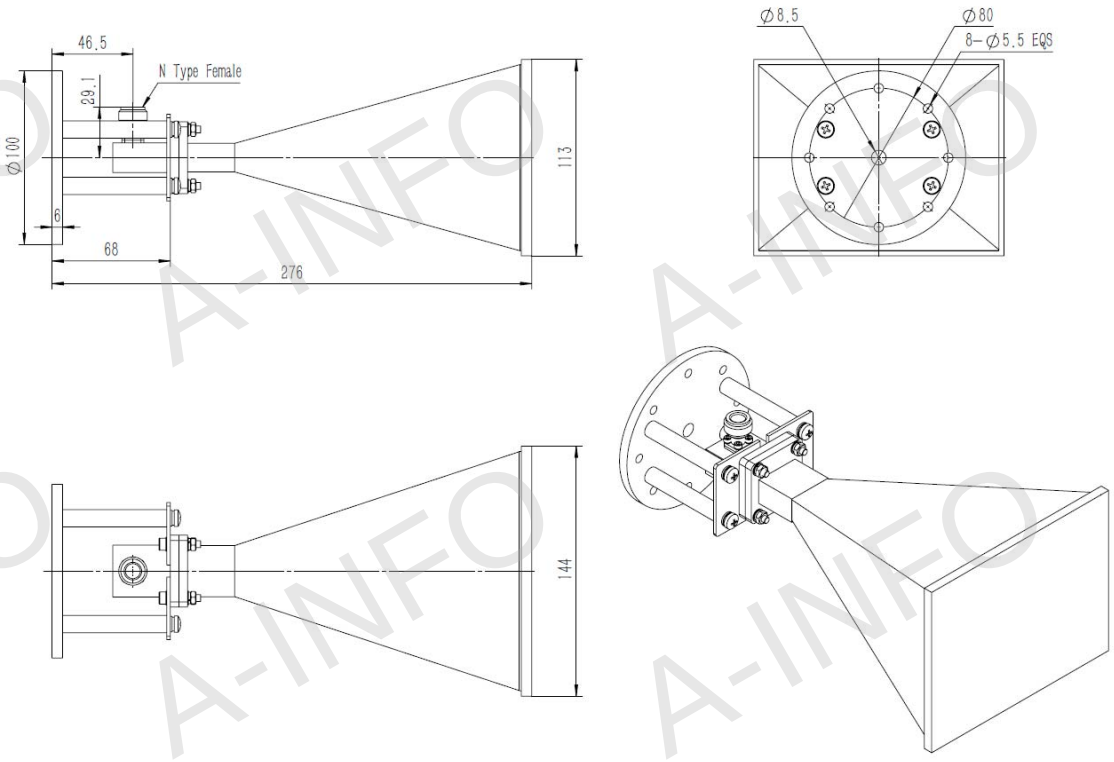
C Type (With N-Female Output & Radome)

For SMA-Female, 3.5mm-Female, TNC-Female or 7mm-Female output outline drawing, please contact A-INFO.



C Type (With N-Female Output & Round Mounting Bracket & Radome)

For SMA-Female, 3.5mm-Female, TNC-Female or 7mm-Female output outline drawing, please contact A-INFO.



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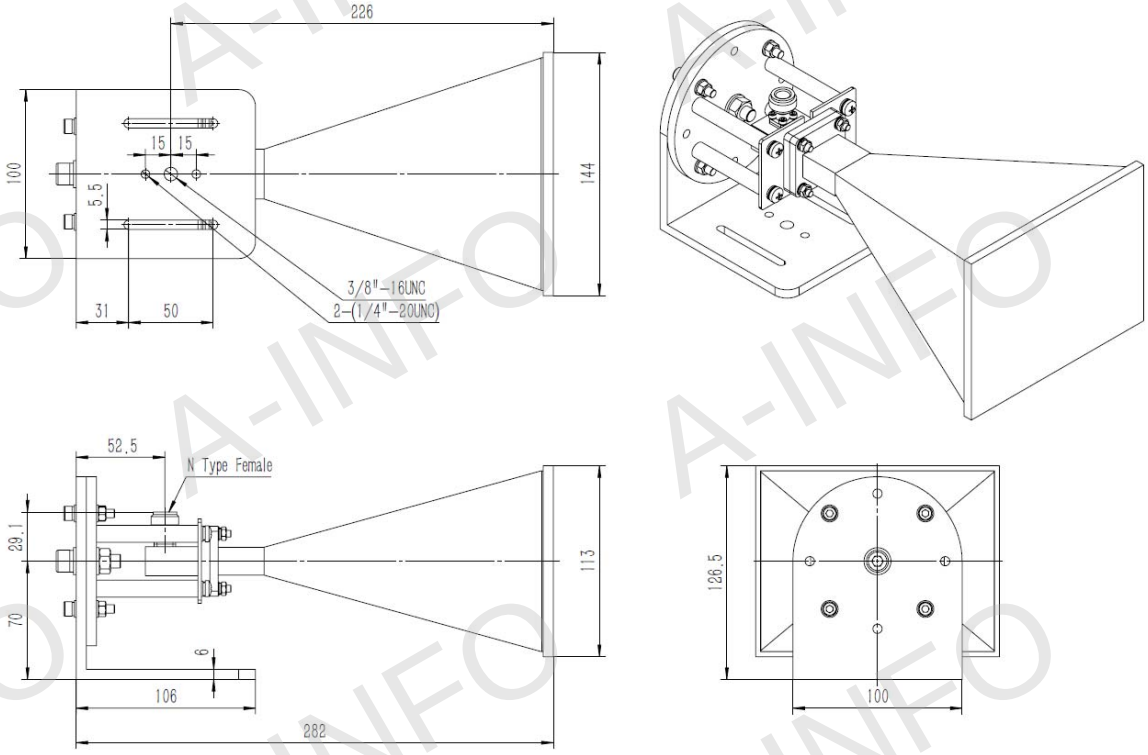
C Type (With N-Female Output & L Type Mounting Bracket & Radome)

For SMA-Female, 3.5mm-Female, TNC-Female or 7mm-Female output outline drawing, please contact A-INFO.



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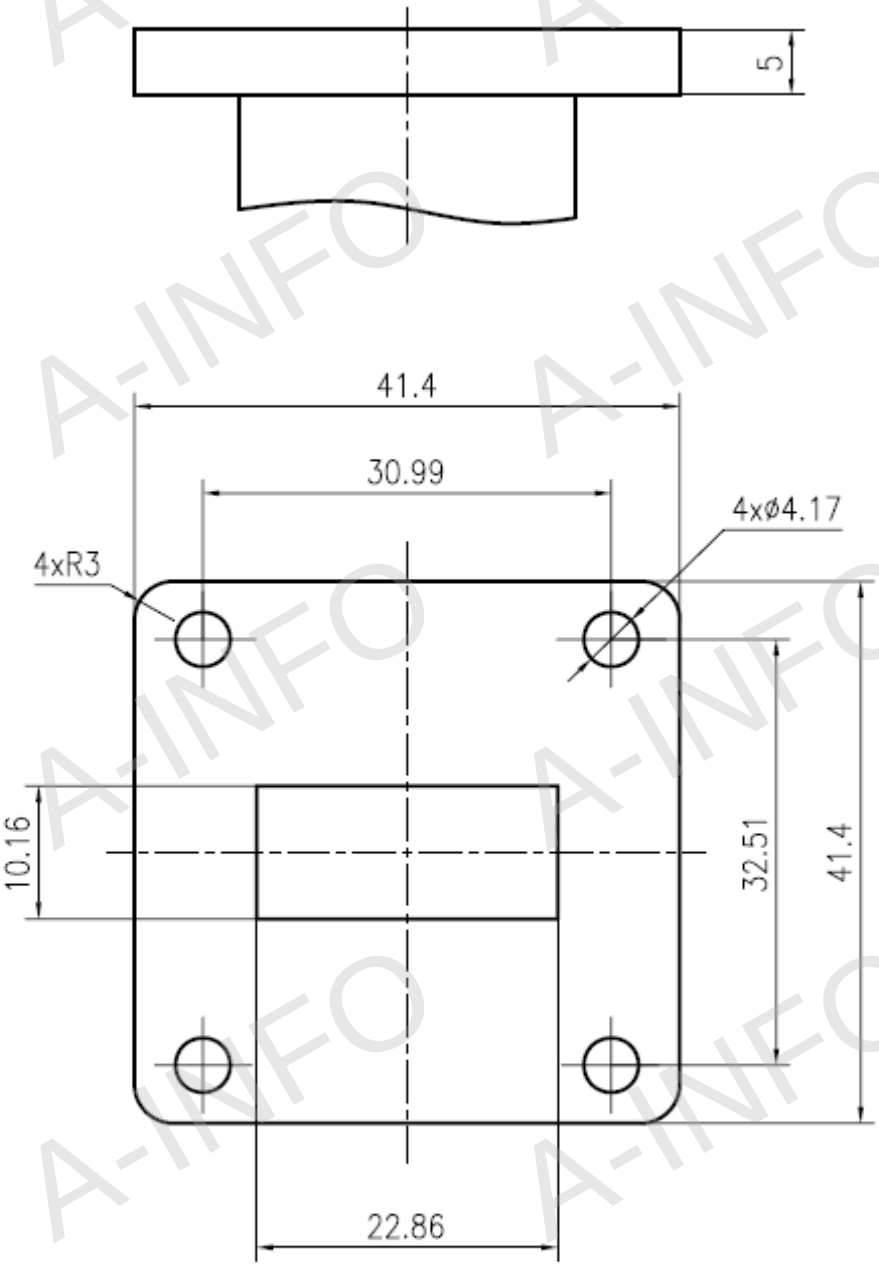
Flange Drawing (Size: mm)



FBP100

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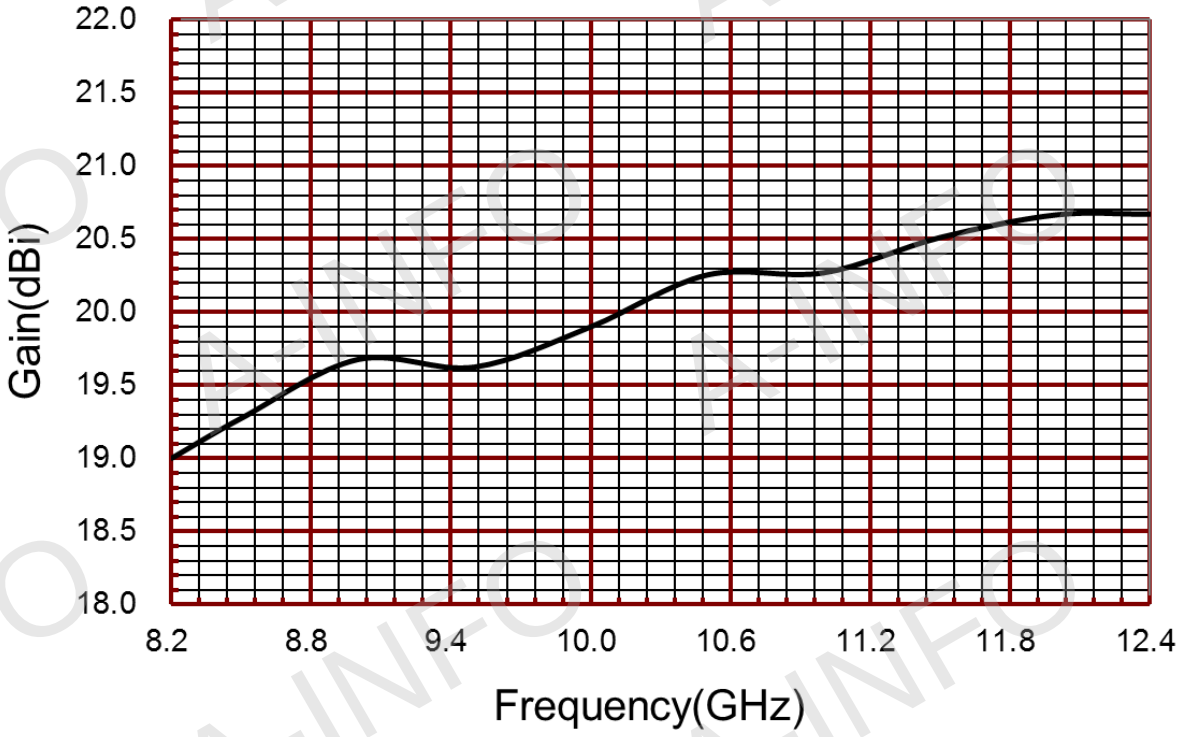
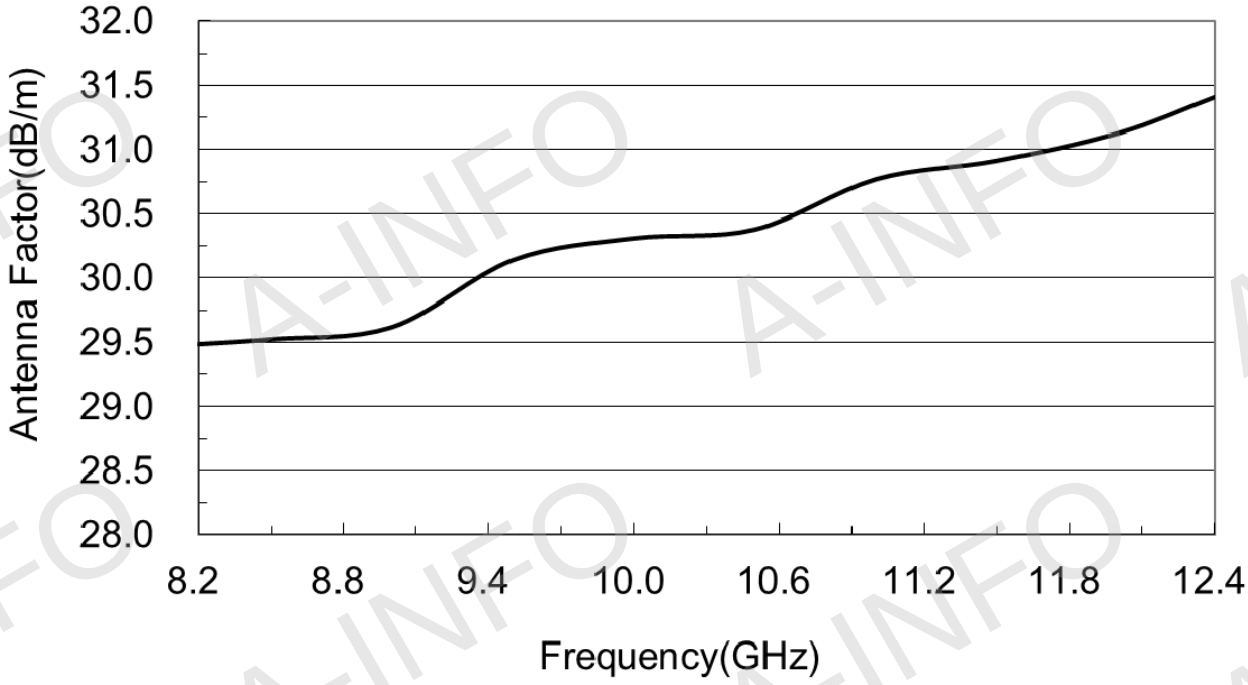
Test Results

1. Gain and Antenna Factor





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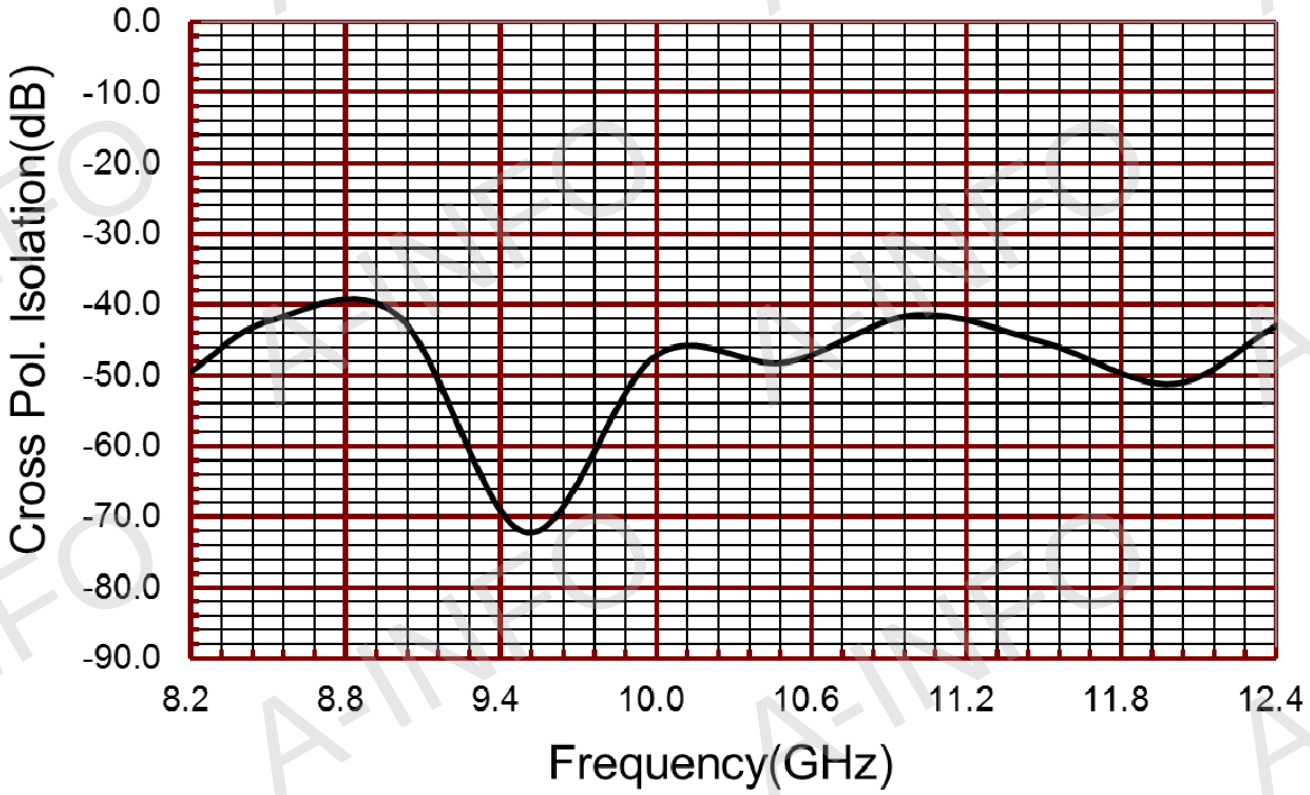
Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
8.2	19.00	29.49
8.5	19.27	29.52
9.0	19.68	29.62
9.5	19.62	30.14
10.0	19.90	30.31
10.5	20.25	30.38
11.0	20.27	30.77
11.5	20.51	30.91
12.0	20.67	31.13
12.4	20.67	31.41

2. Cross Polarization Isolation



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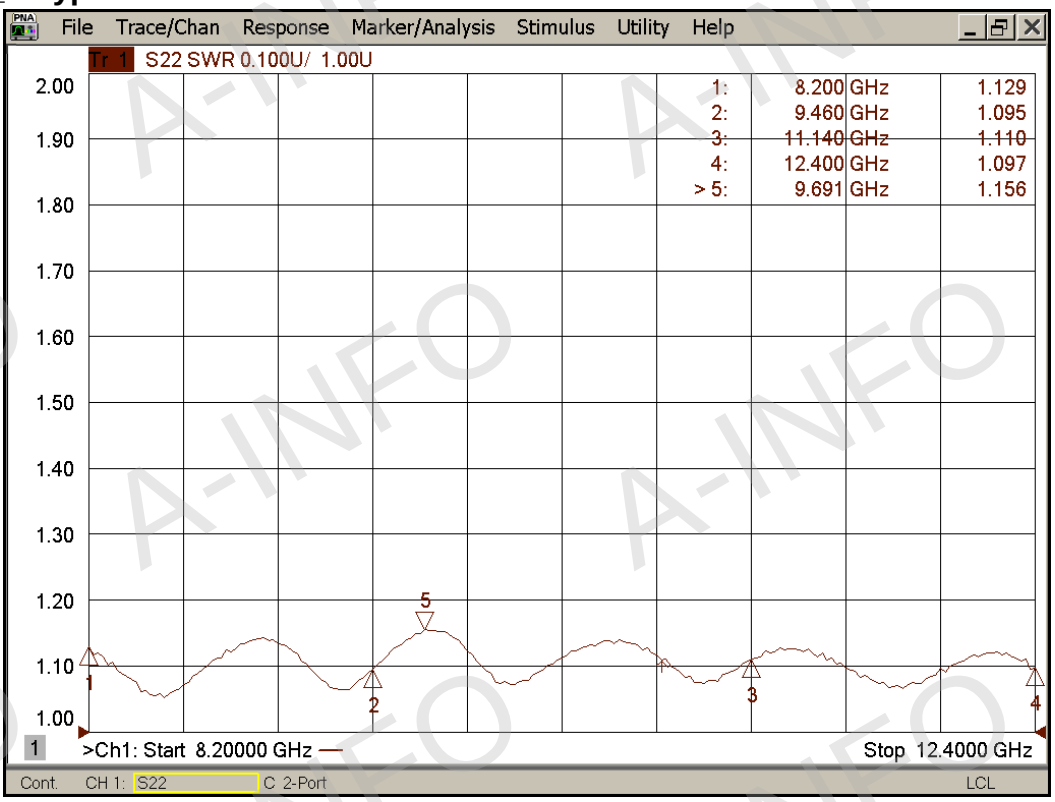
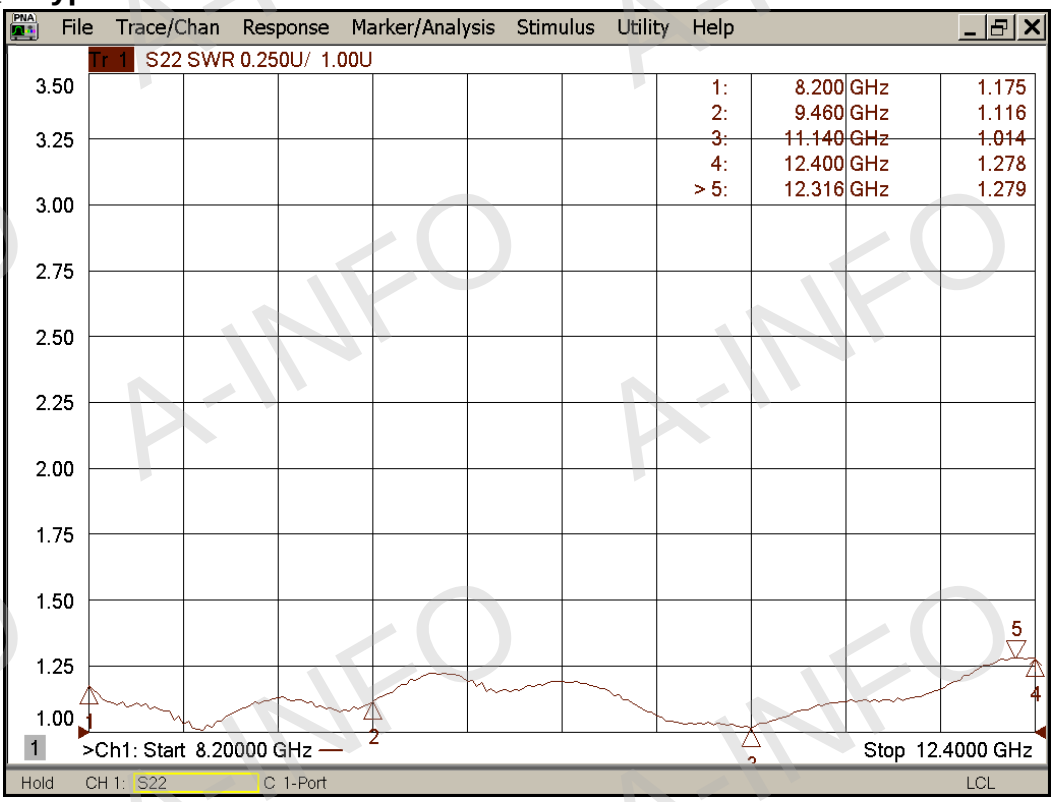
3. VSWR_A Type



VSWR_C Type



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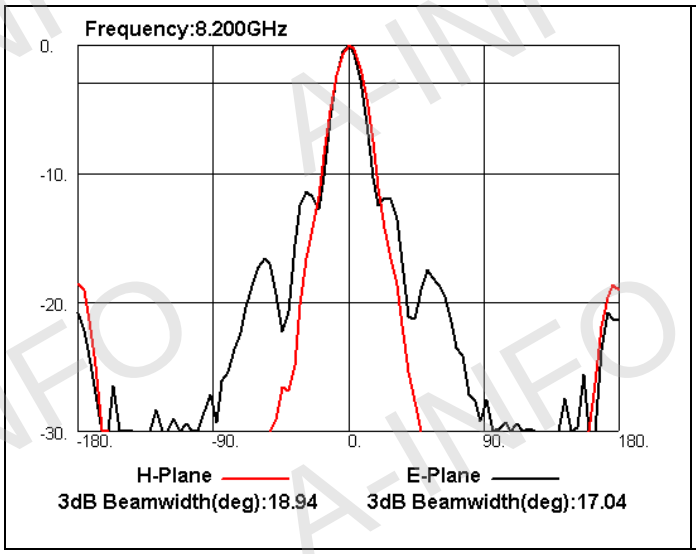
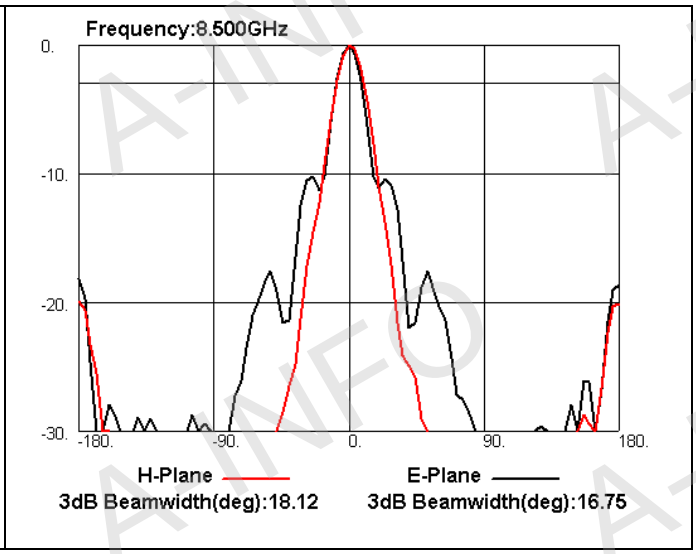
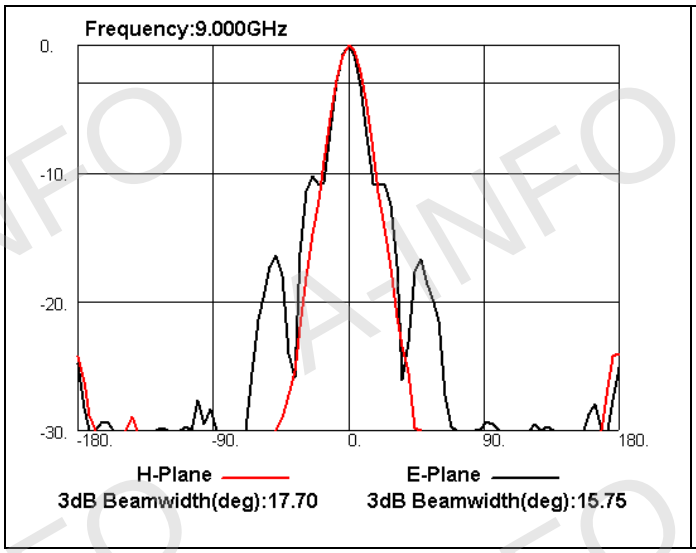
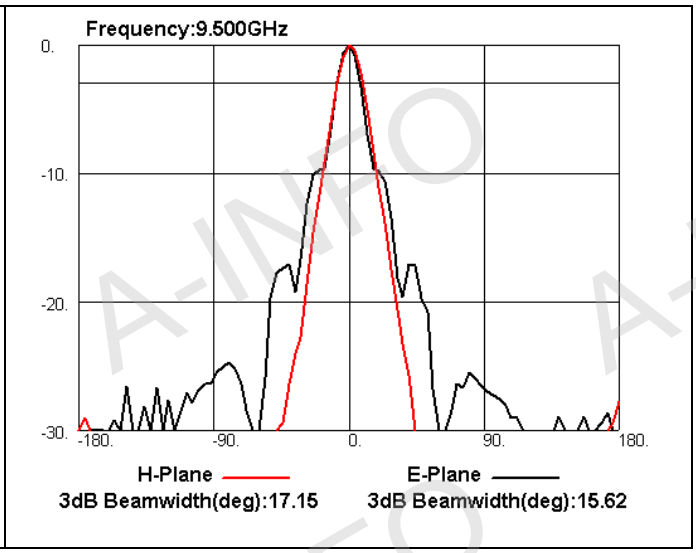
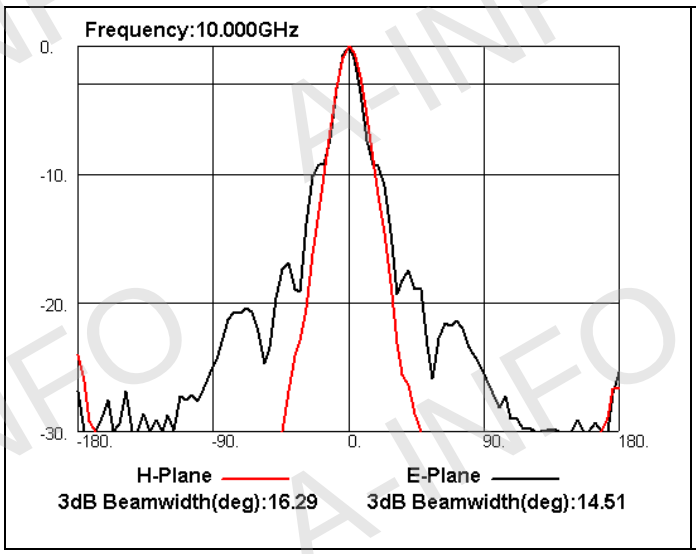
4. Pattern

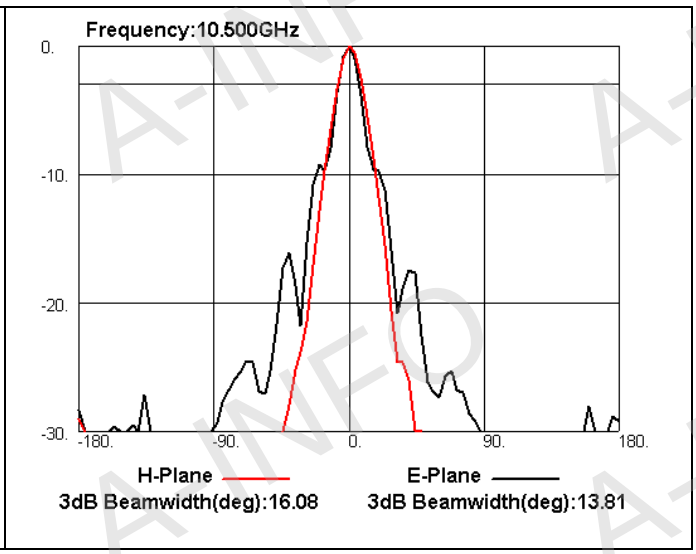












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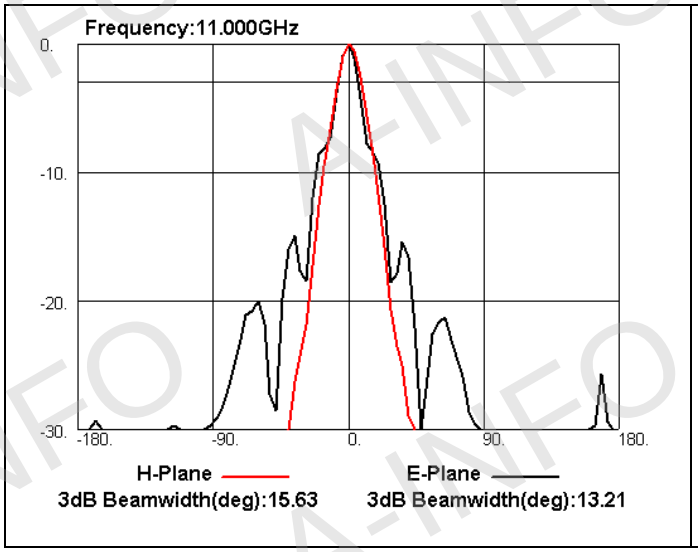

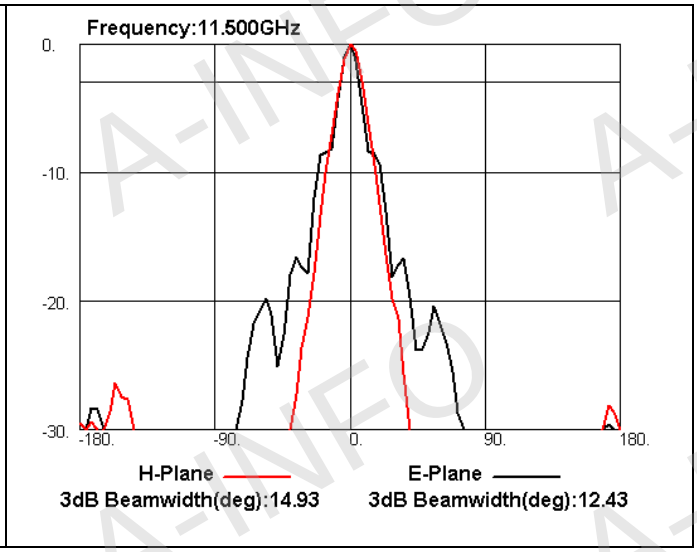

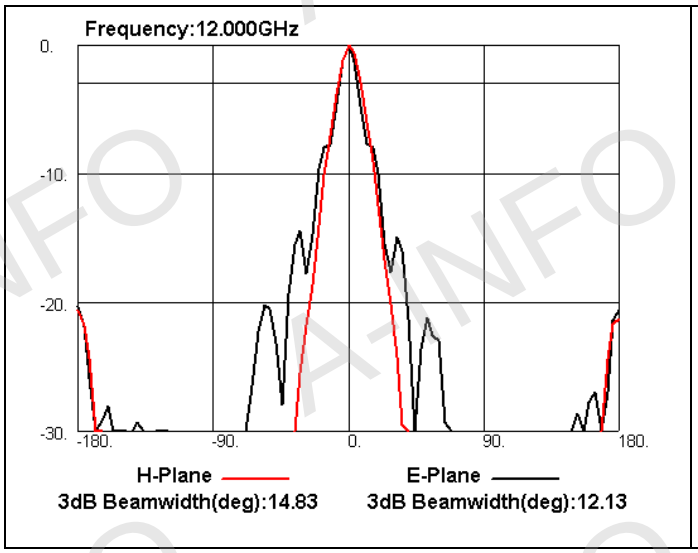

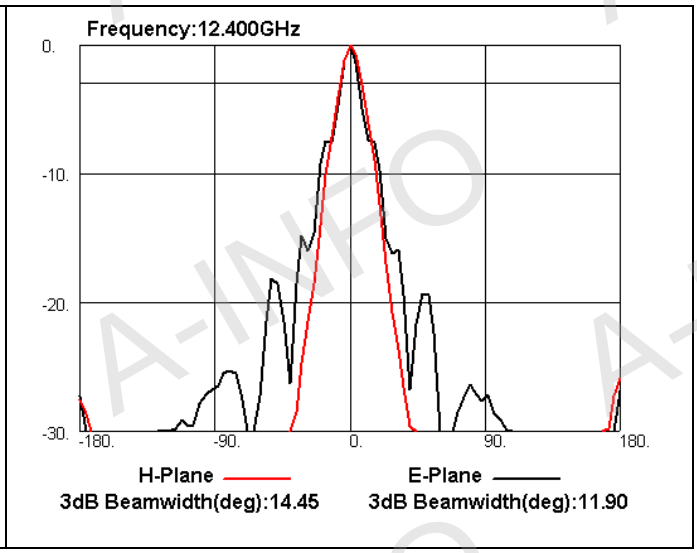

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