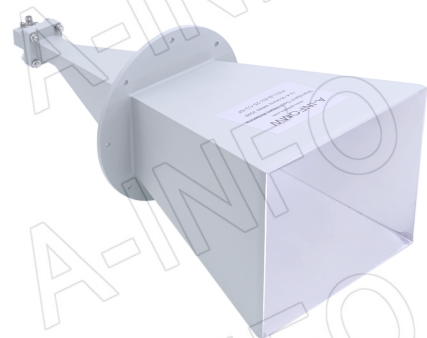


For reference only. See data sheet for the detailed specifications.

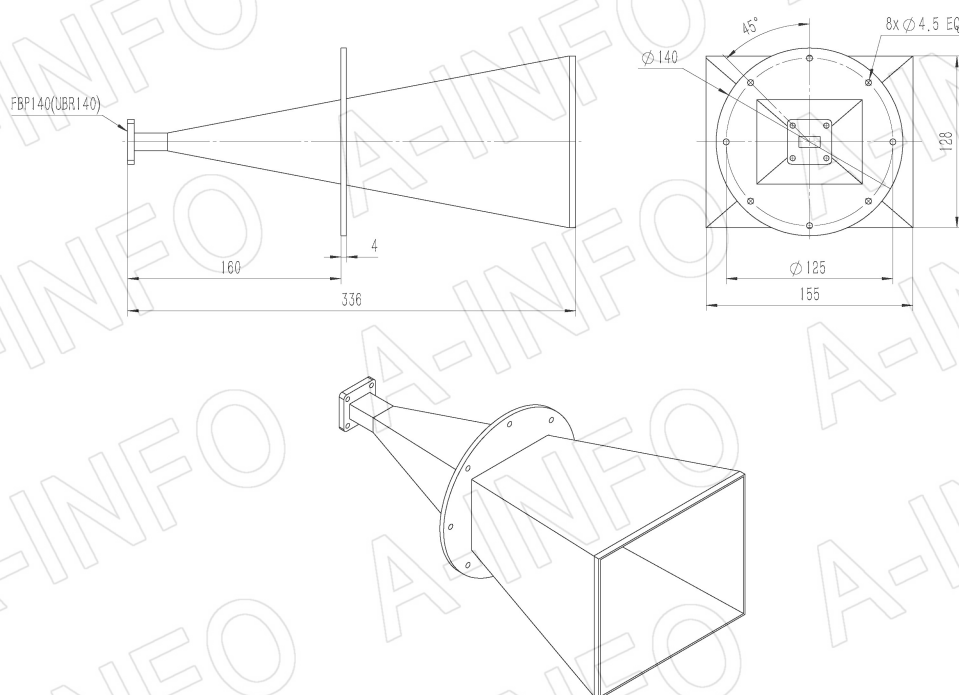
Technical Specification



Frequency Range(GHz)	12.4 – 18.0
Waveguide	WR62
Gain(dBi)	25 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 9 Typ.
	H Plane: 10 Typ.
Cross Pol. Isolation(dB)	45 Typ.
VSWR	A Type: 1.10:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FBP140(UBR140)
	C Type: SMA-Female or N-Female or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 155 x 140 x 336
	C Type: 155 x 140 x 363
Net Weight(Kg)	A Type: 0.82 Around
	C Type: 0.86 Around

Outline Drawing (Size: mm)

FBP140 Output (P/N: LB-62-25-A2)



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China(Chengdu):
USA :

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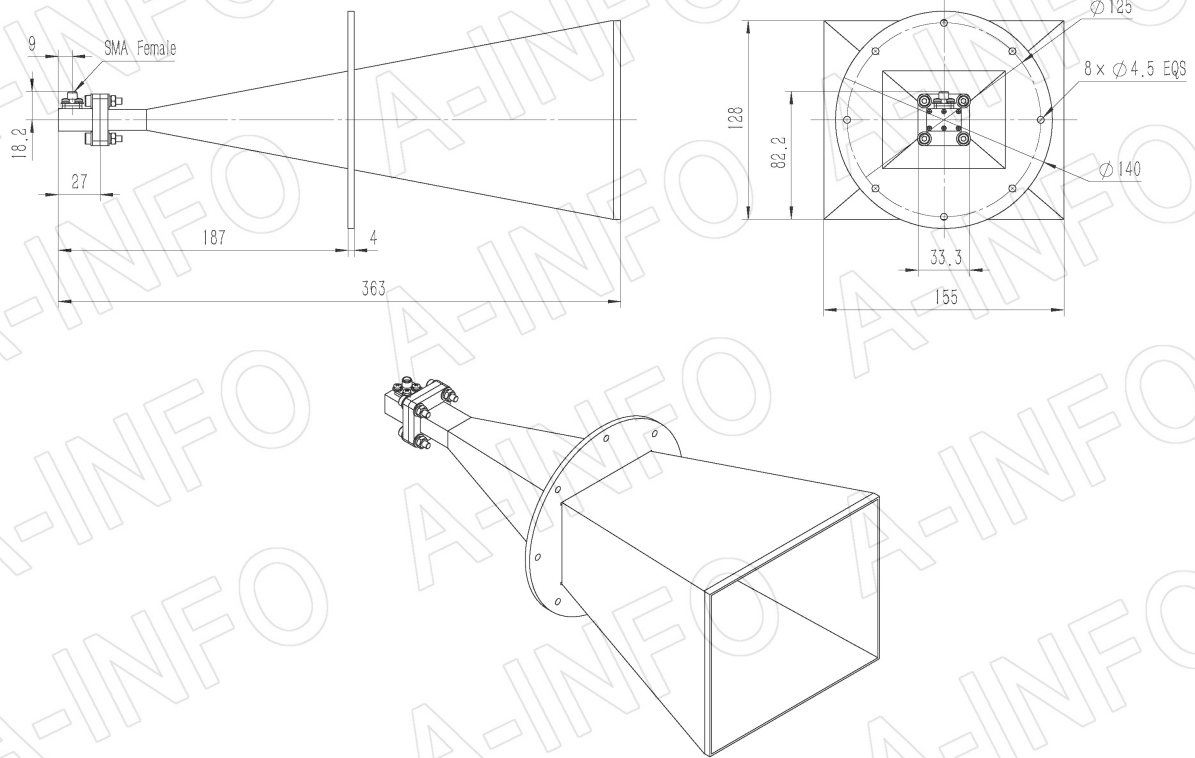
(+86) 10-6266-7327
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Email: sales@ainfoinc.com

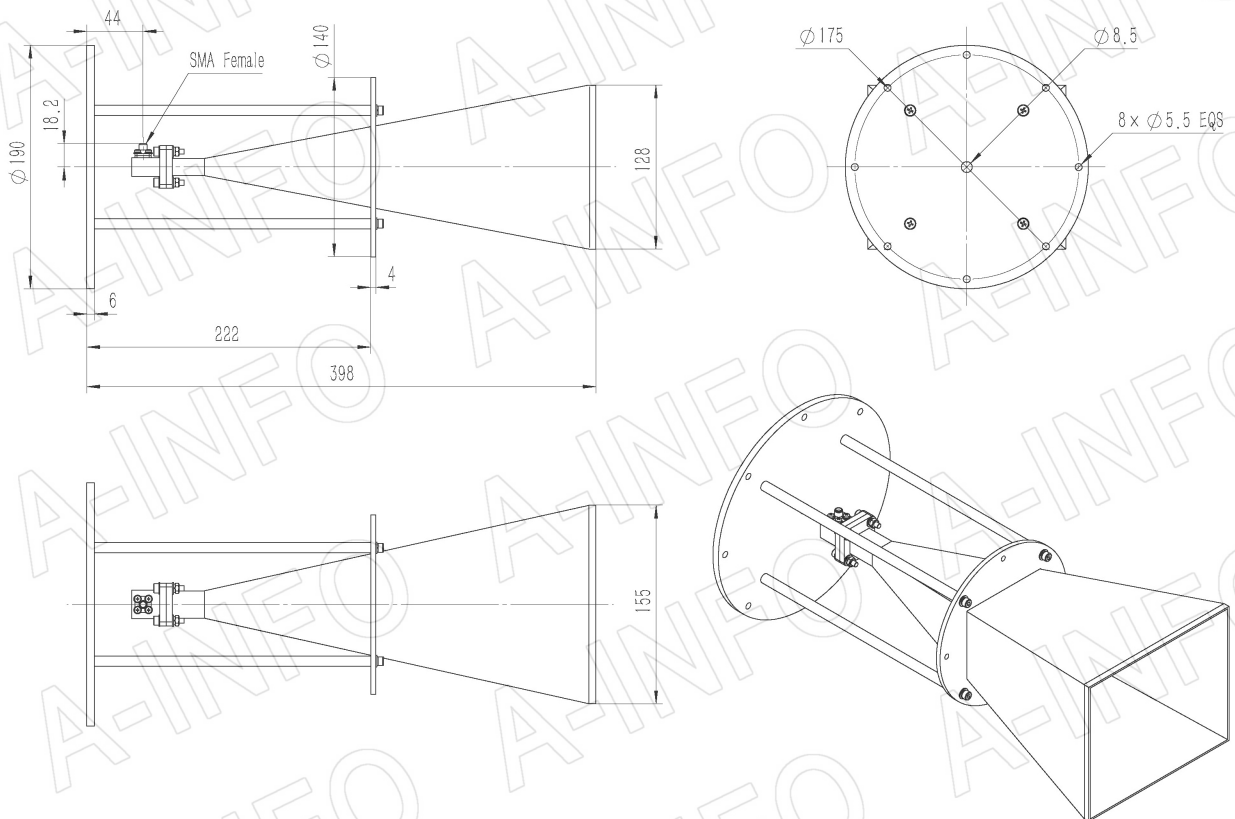
SMA-Female Output (P/N: LB-62-25-C2-SF)

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



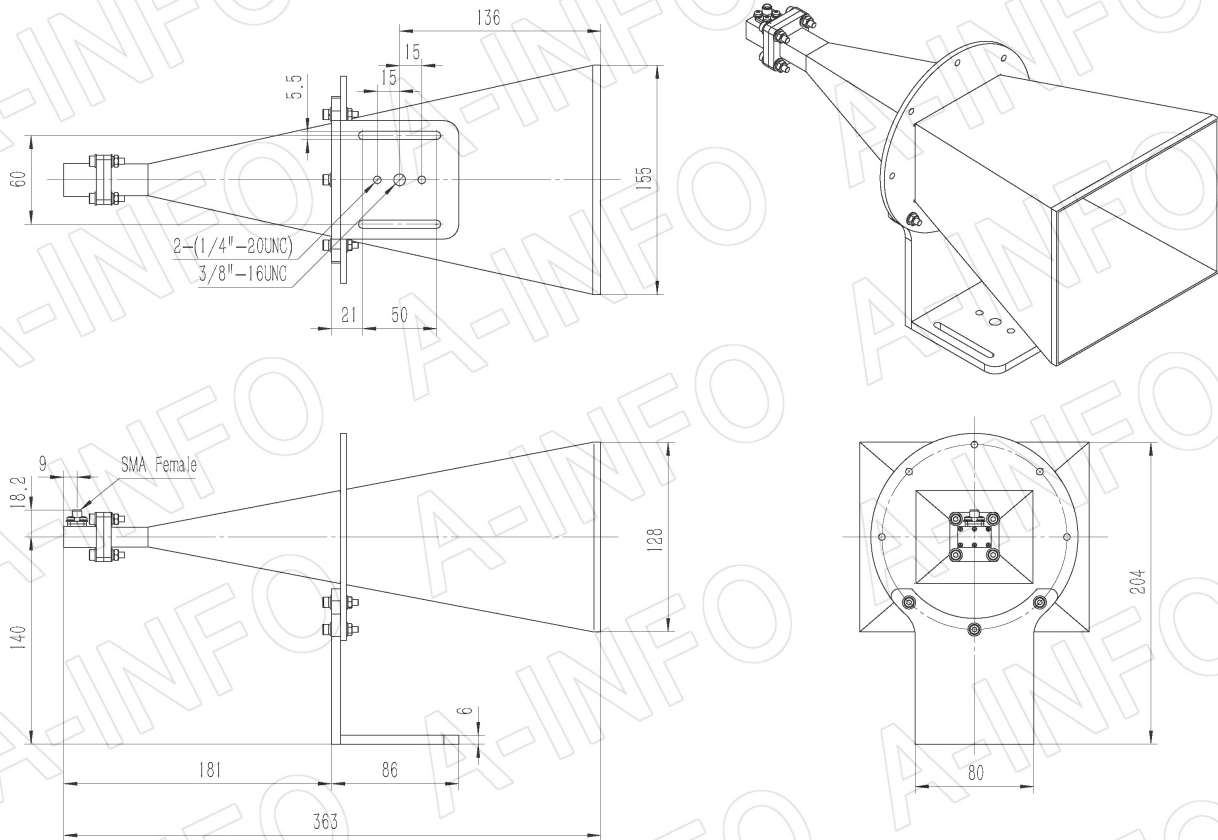
SMA-Female Output with Round Mounting Bracket (Option, P/N: LB-62-25-MB2)

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

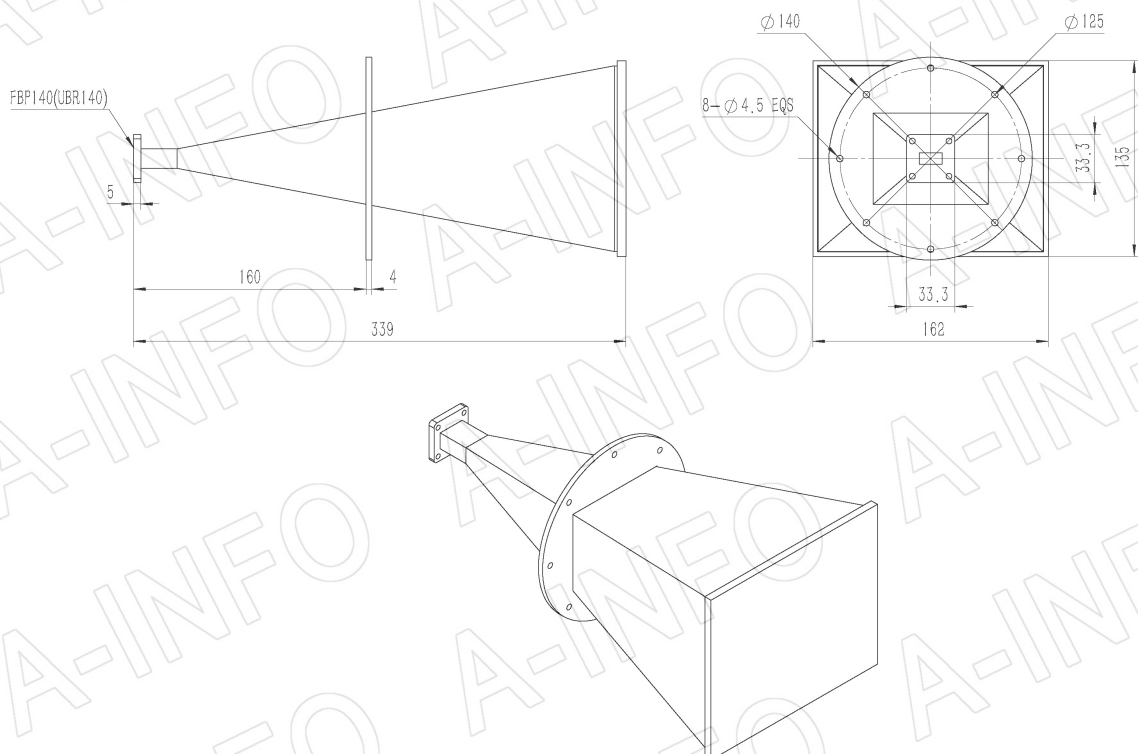


SMA-Female Output with L Type Mounting Bracket (Option, P/N: LB-62-25-L2)

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

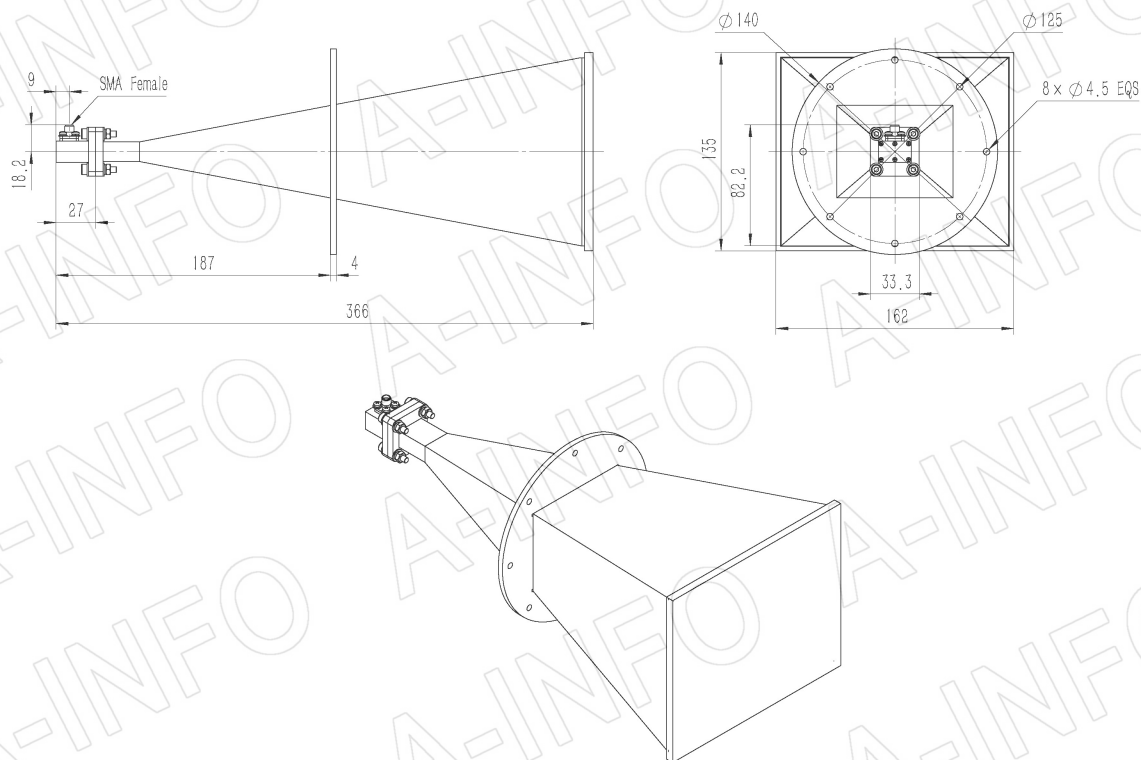


FBP140 Output with Radome (Option, P/N: LB-62-25-A2SPO, Outdoor Application)



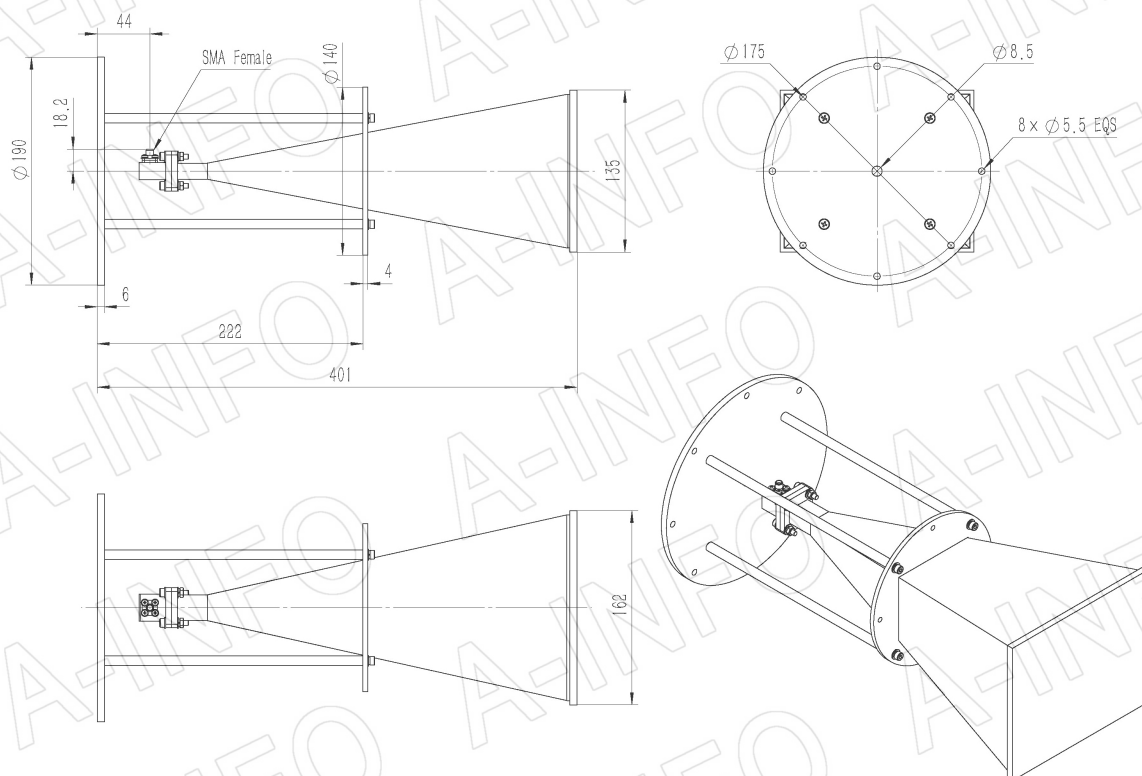
SMA-Female Output with Radome (Option, P/N: LB-62-25-C2-SFSP0, Outdoor Application)

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



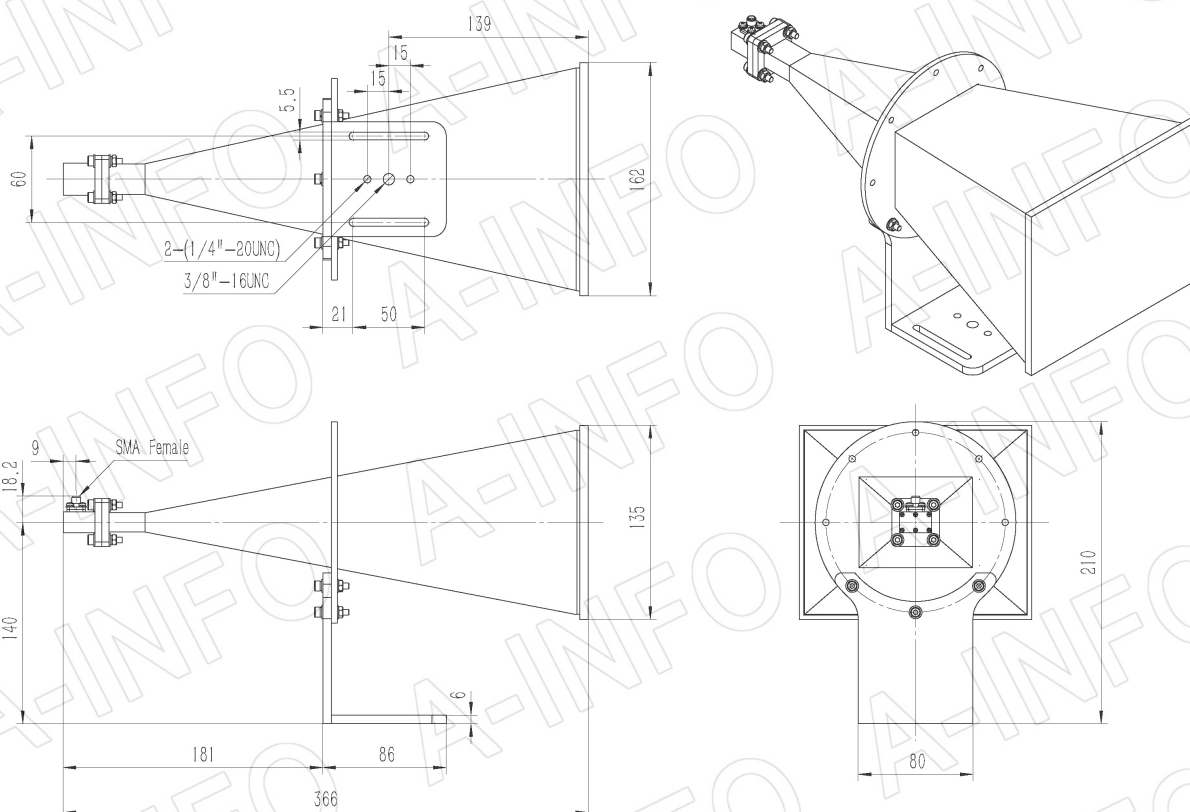
SMA-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-62-25-MB2 & LB-62-25-C2-SFSP0, Outdoor Application)

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

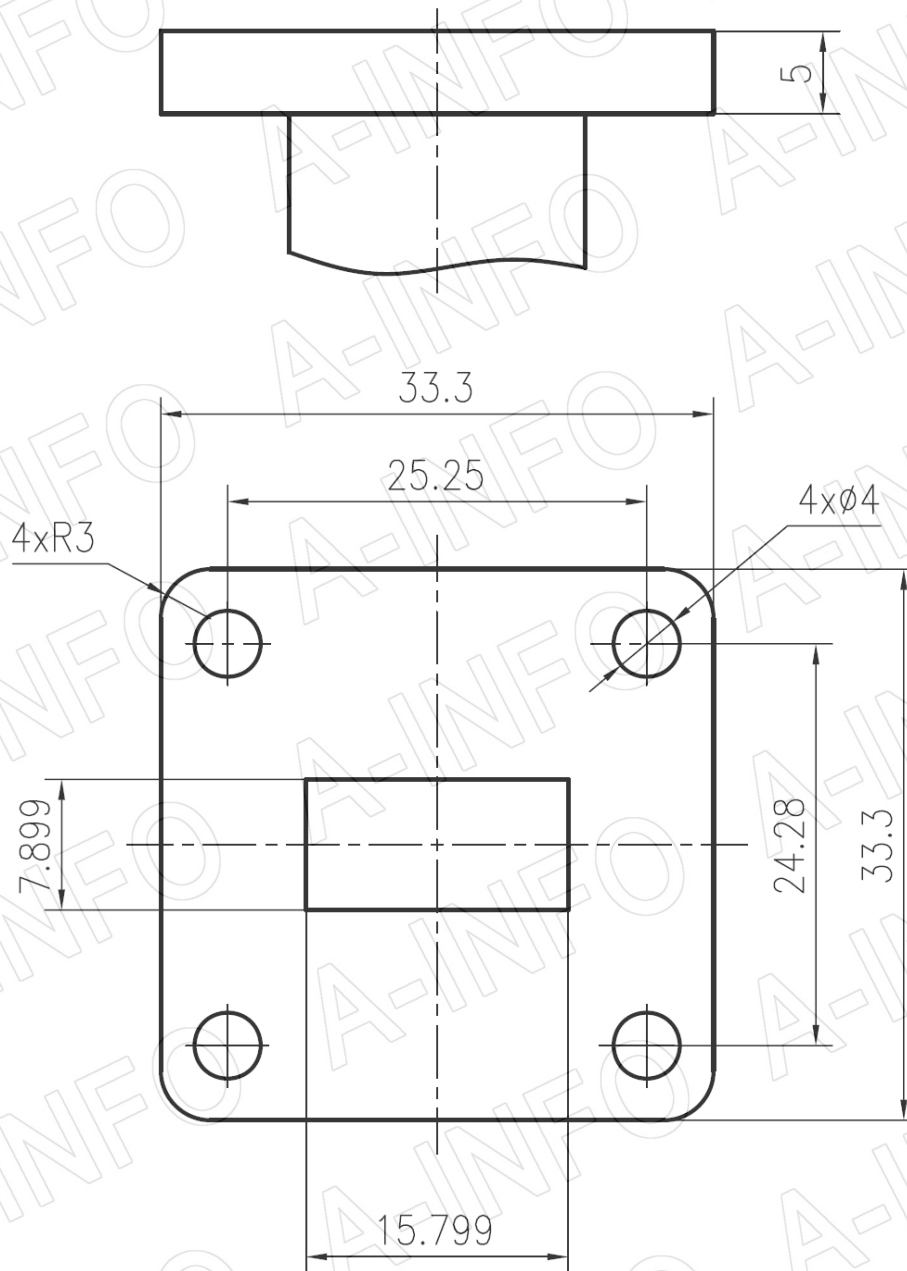


SMA-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-62-25-L2 & LB-62-25-C2-SFSP0, Outdoor Application)

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



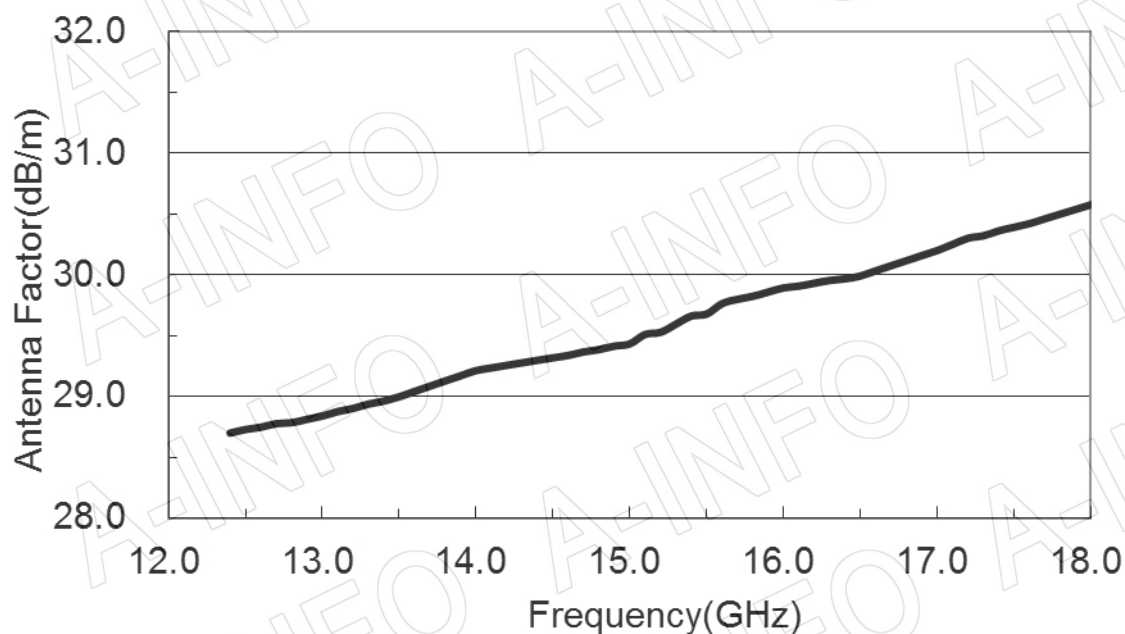
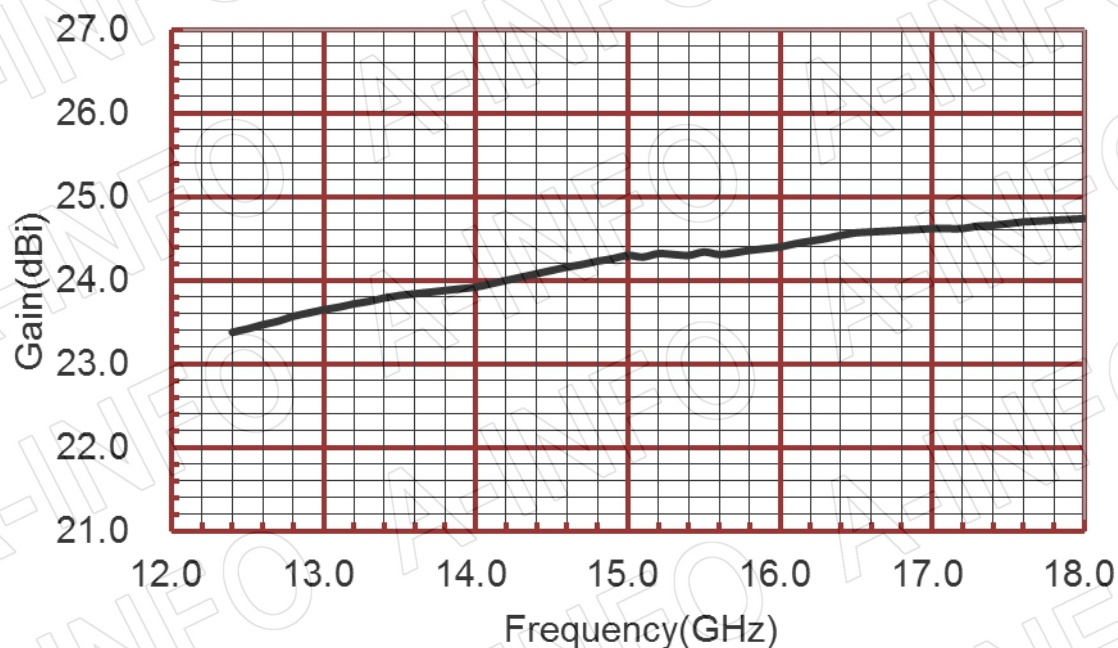
Flange Drawing (Size: mm)



FBP140

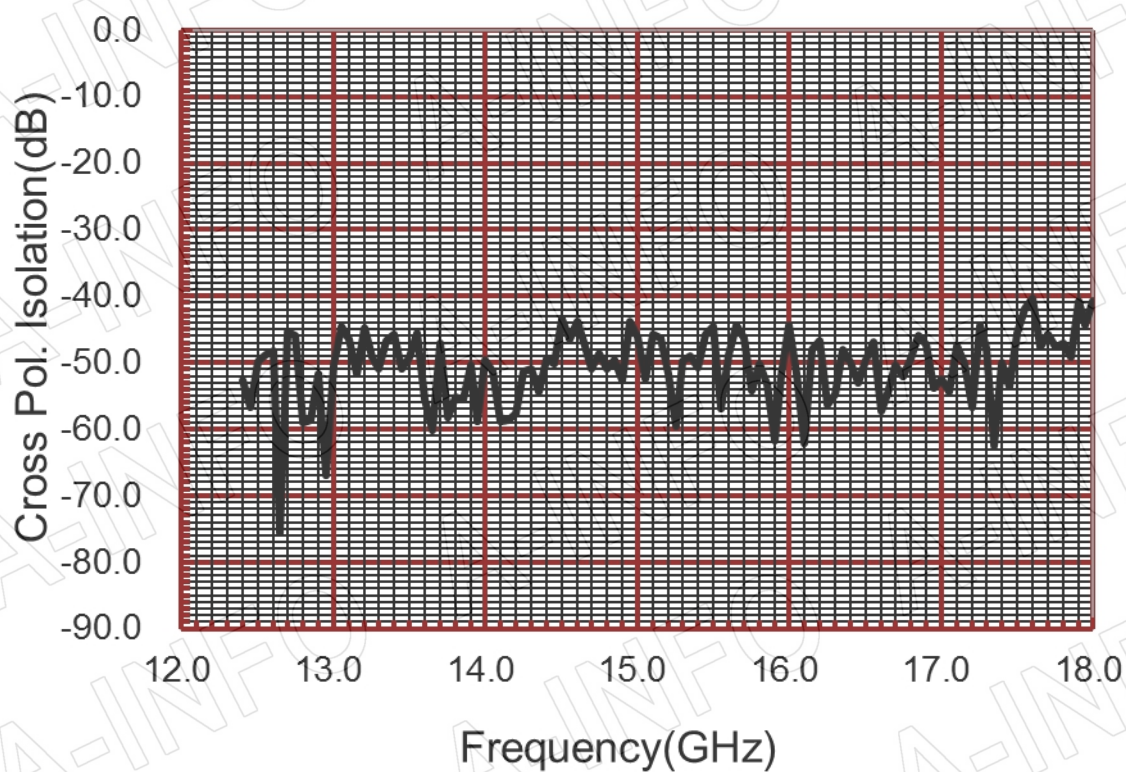
Test Results

1. Gain & Antenna Factor

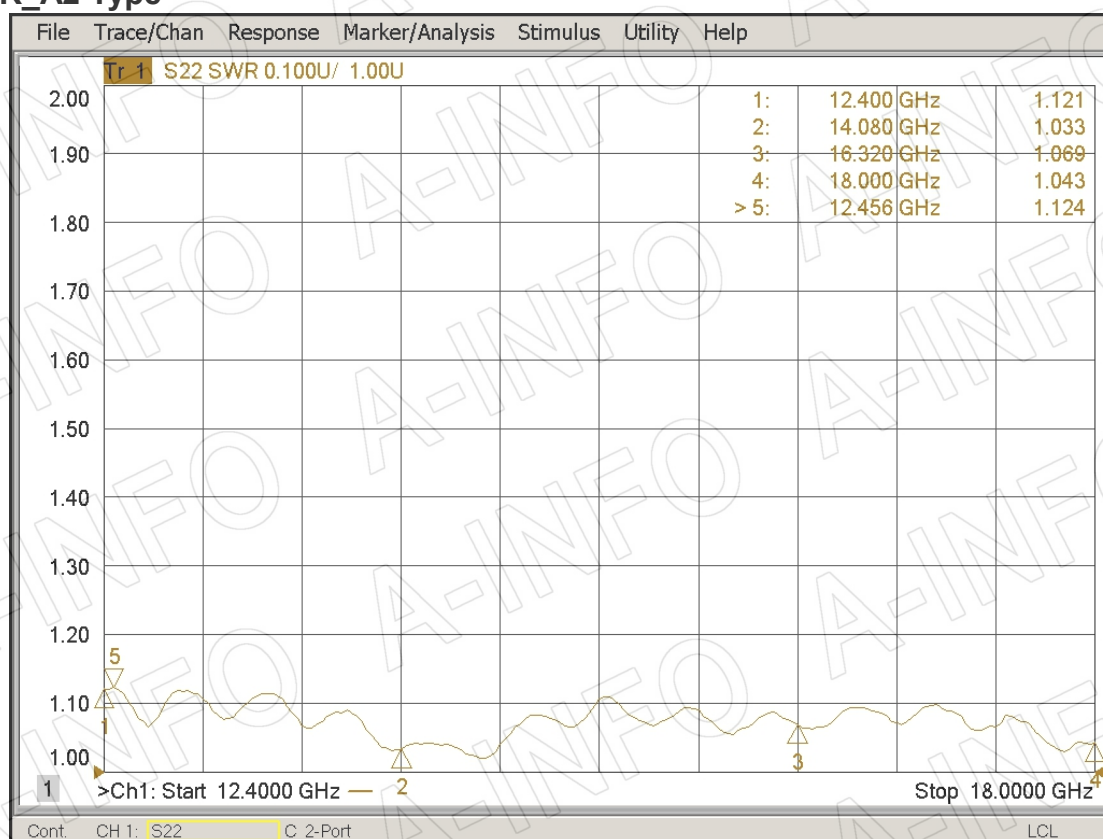


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
12.40	23.38	28.70
12.50	23.42	28.73
13.00	23.65	28.84
13.50	23.82	29.00
14.00	23.92	29.21
14.50	24.12	29.32
15.00	24.30	29.43
15.50	24.34	29.68
16.00	24.40	29.89
16.50	24.57	29.99
17.00	24.62	30.20
17.50	24.68	30.39
18.00	24.74	30.58

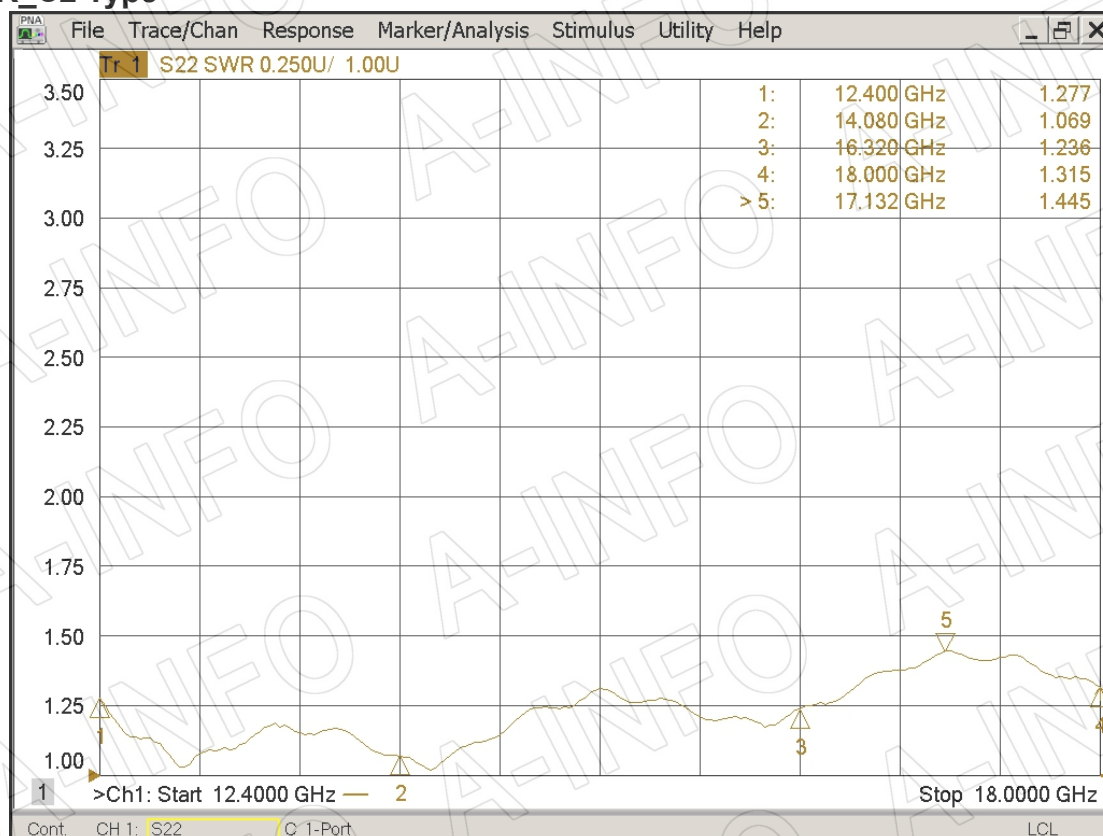
2. Cross Polarization Isolation



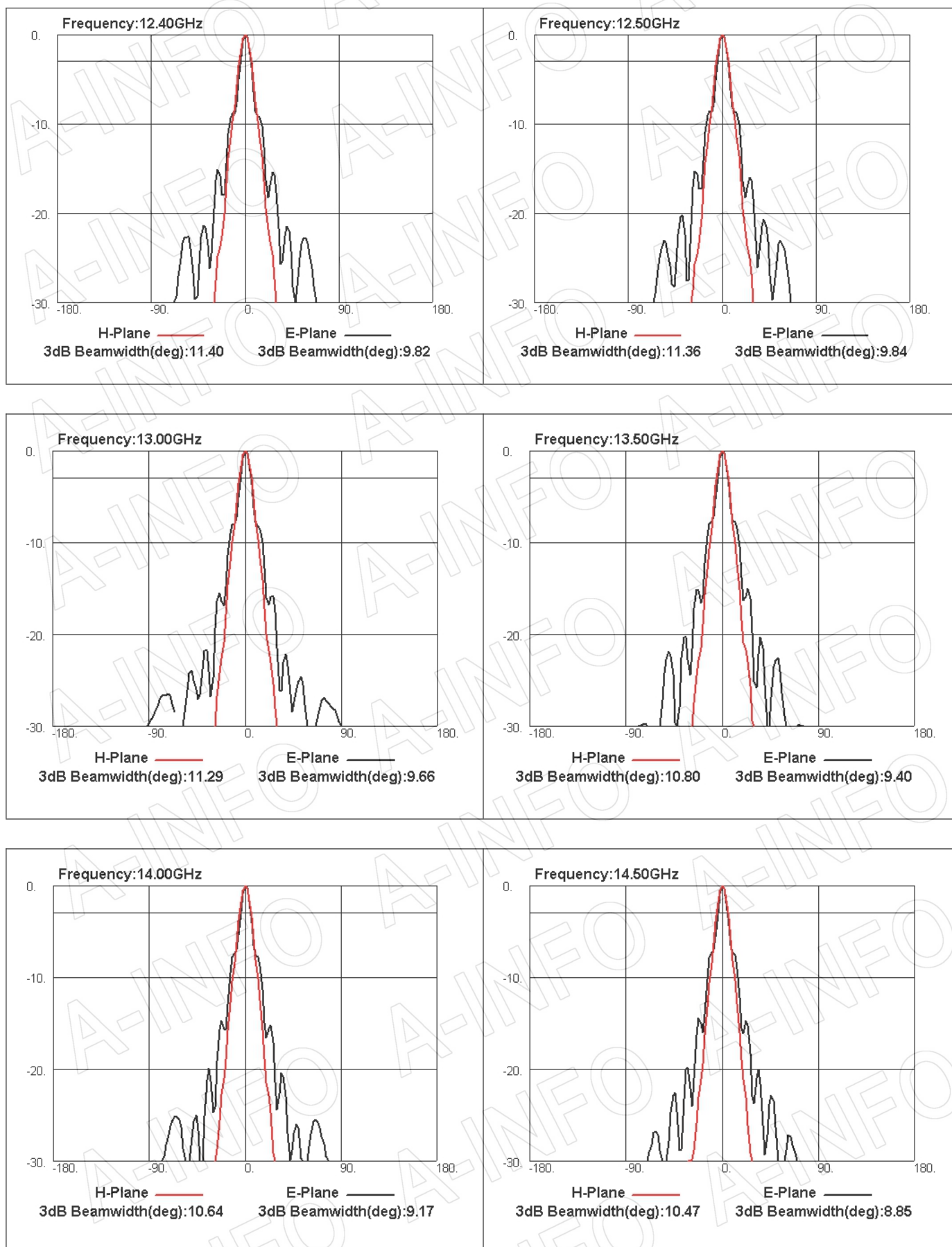
3. VSWR_A2 Type



VSWR_C2 Type



4. Pattern



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