

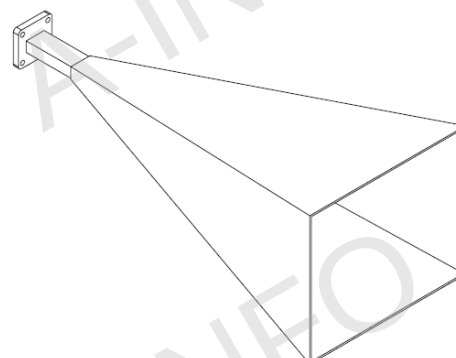
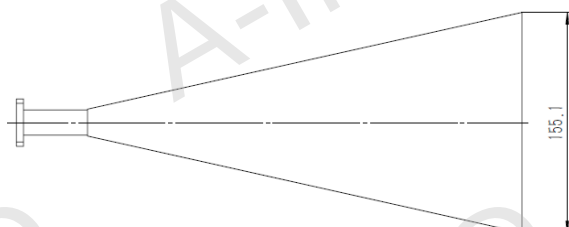
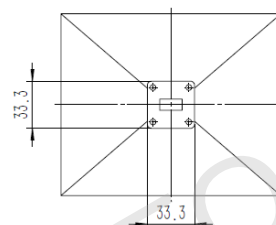
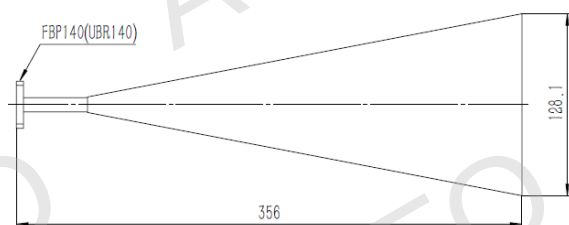
Technical Specification



Frequency Range(GHz)	12.4 - 18.0
Waveguide	WR62
Gain(dBi)	25 Typ.
Polarization	Linear
3dB Beamwidth(deg)	10 Typ.
VSWR	1.25:1 Typ.
Output	A Type FBP140(UBR140)
	C Type SMA/ N /TNC/ 7mm /3.5mm
Material	Al
Size(mm)	A Type 155.1 x 128.1 x 356
	C Type 155.1 x 128.1 x 383
Net Weight(Kg)	A Type 0.40 Around
	C Type 0.45 Around

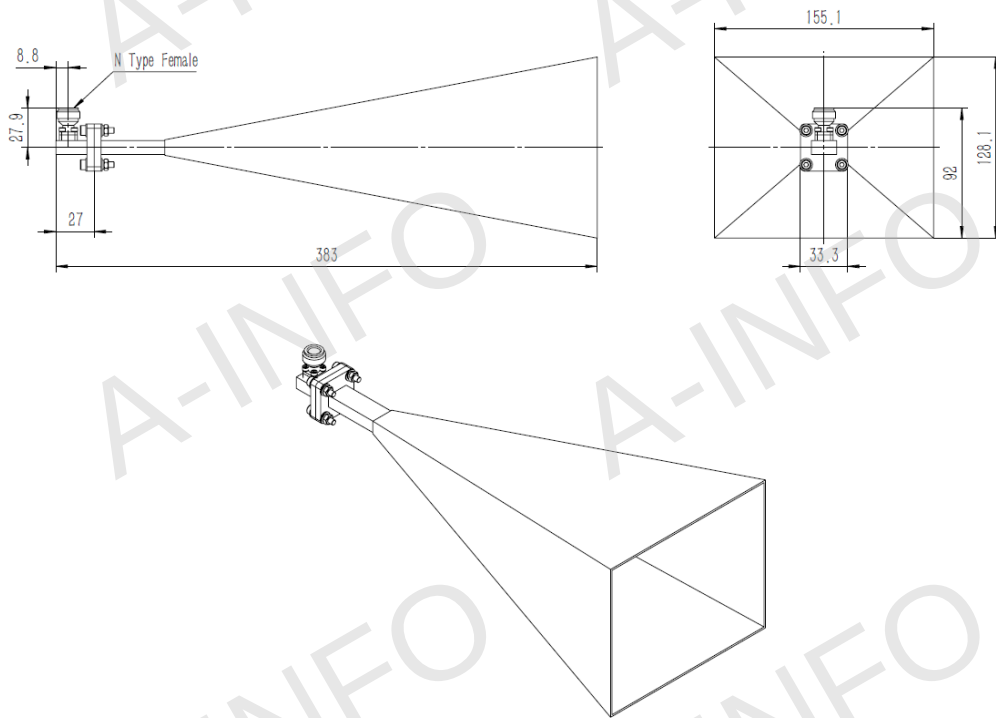
Outline Drawing (Size: mm)

A Type (With FBP140 Output)



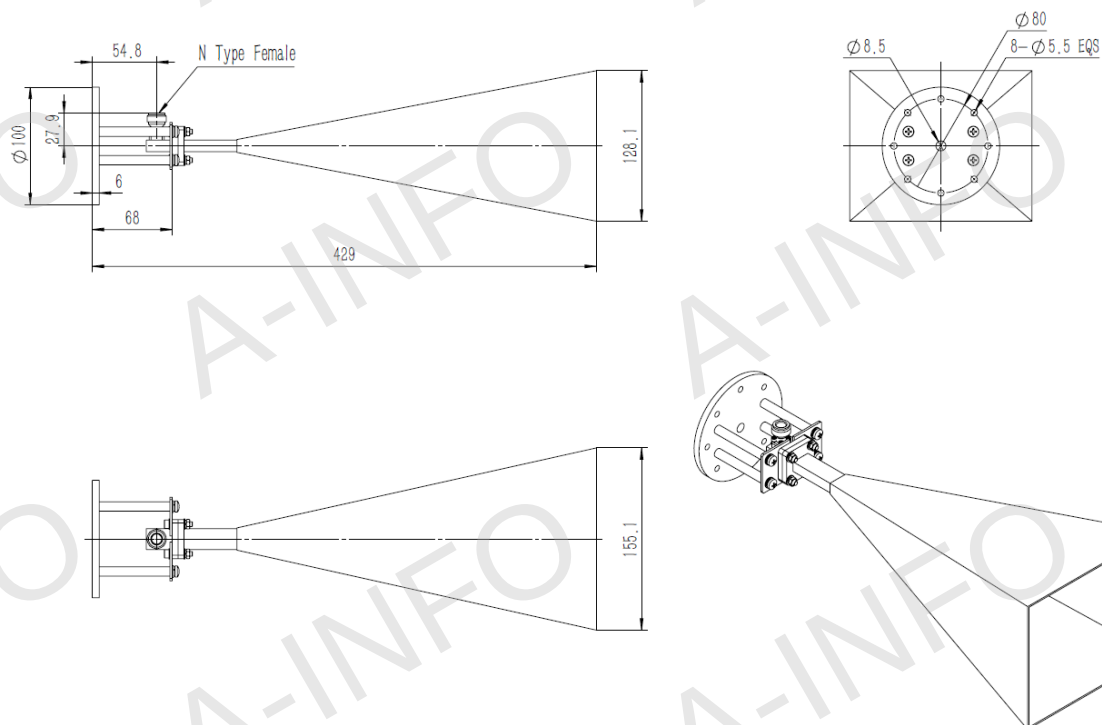
C Type (With N-Female Output)

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



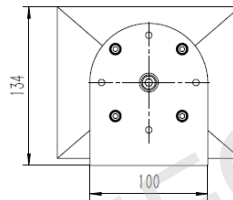
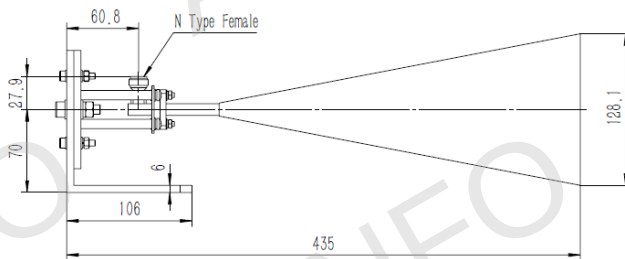
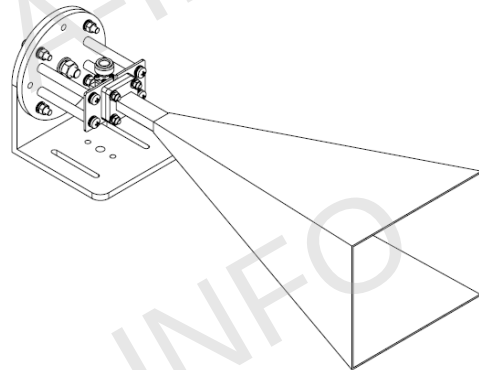
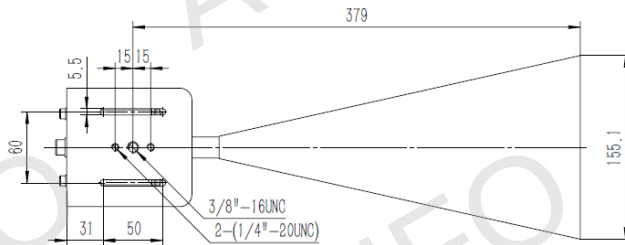
C Type (With N-Female Output & Round Mounting Bracket)

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

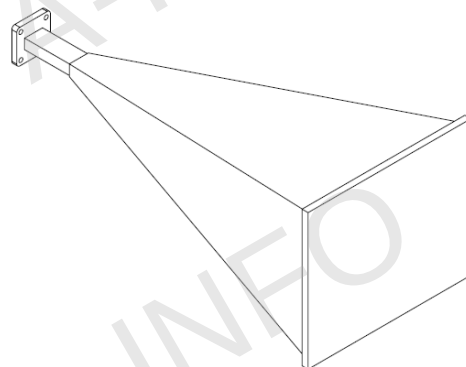
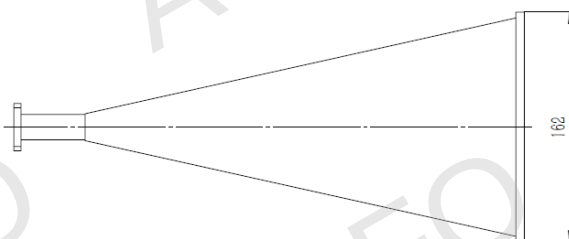
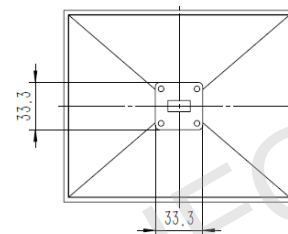
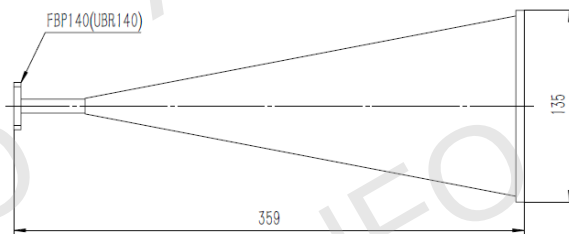


C Type (With N-Female Output & L Type Mounting Bracket)

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

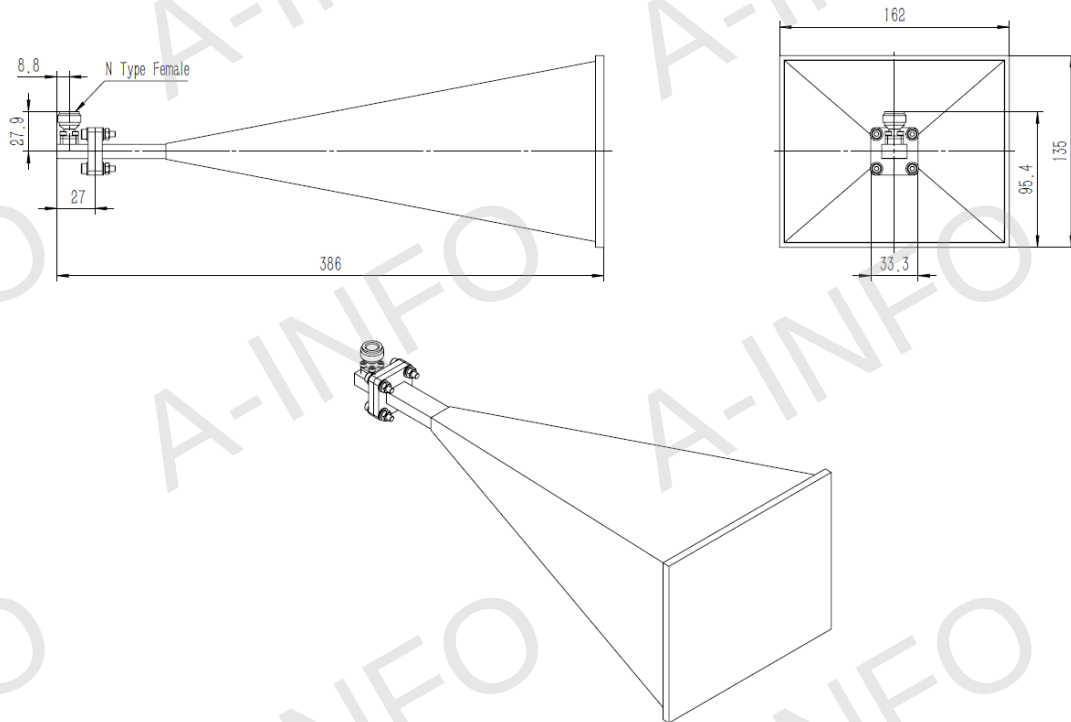


A Type (With Radome)



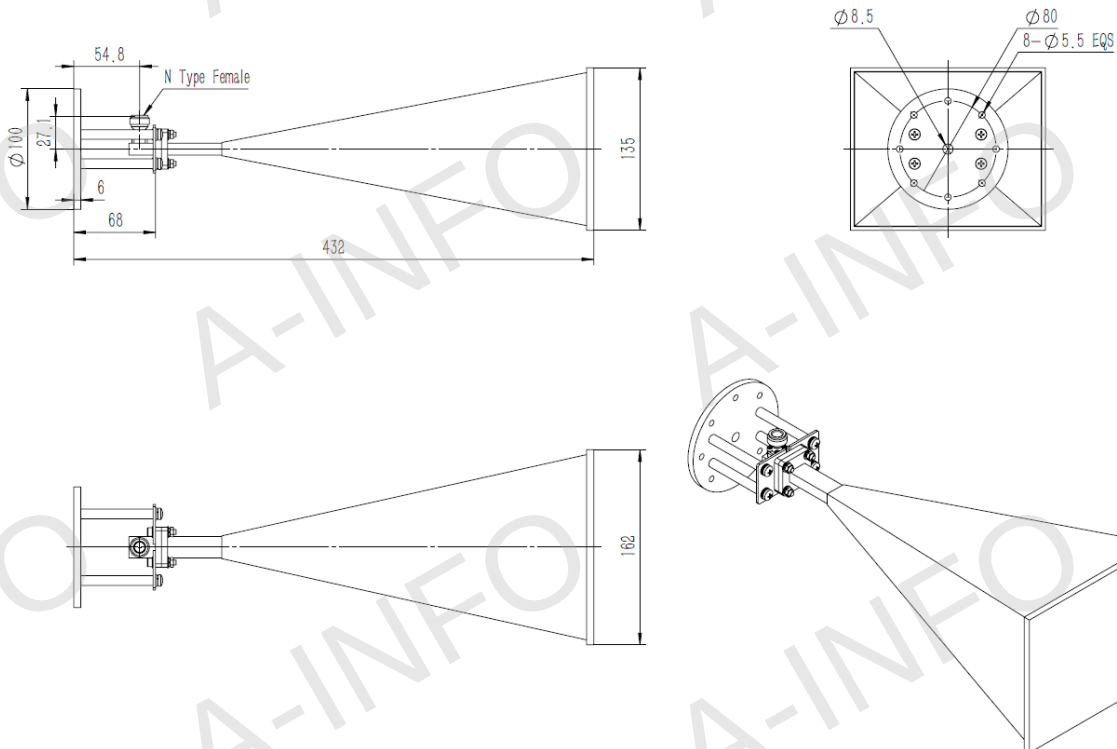
C Type (With N-Female Output & Radome)

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



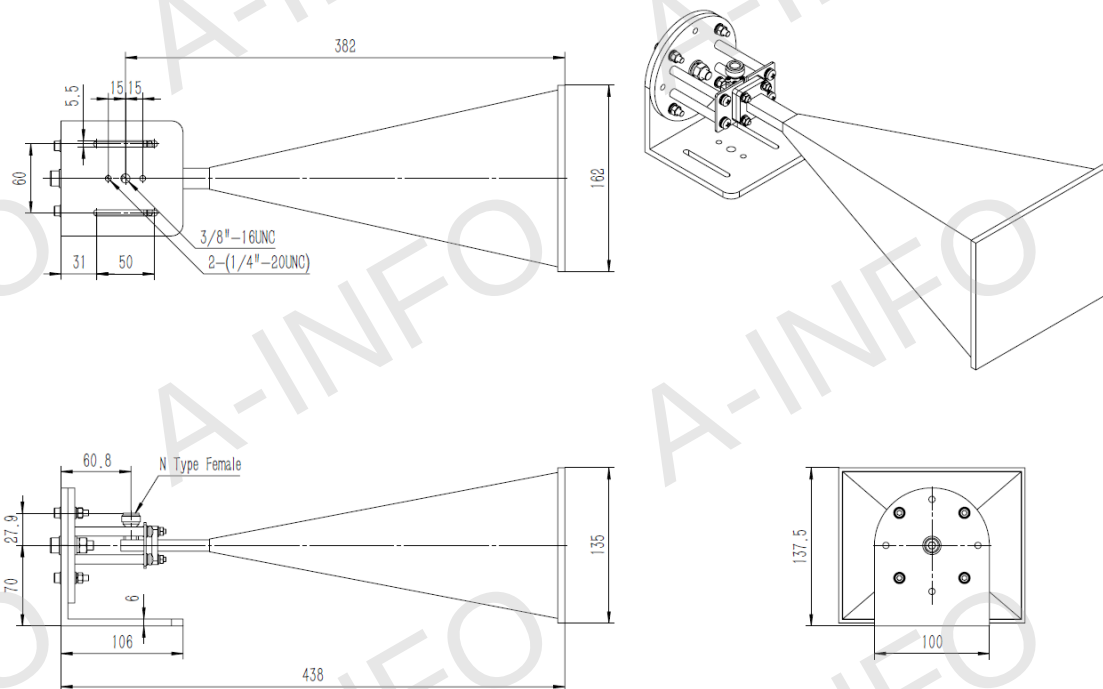
C Type (With N-Female Output & Round Mounting Bracket & Radome)

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

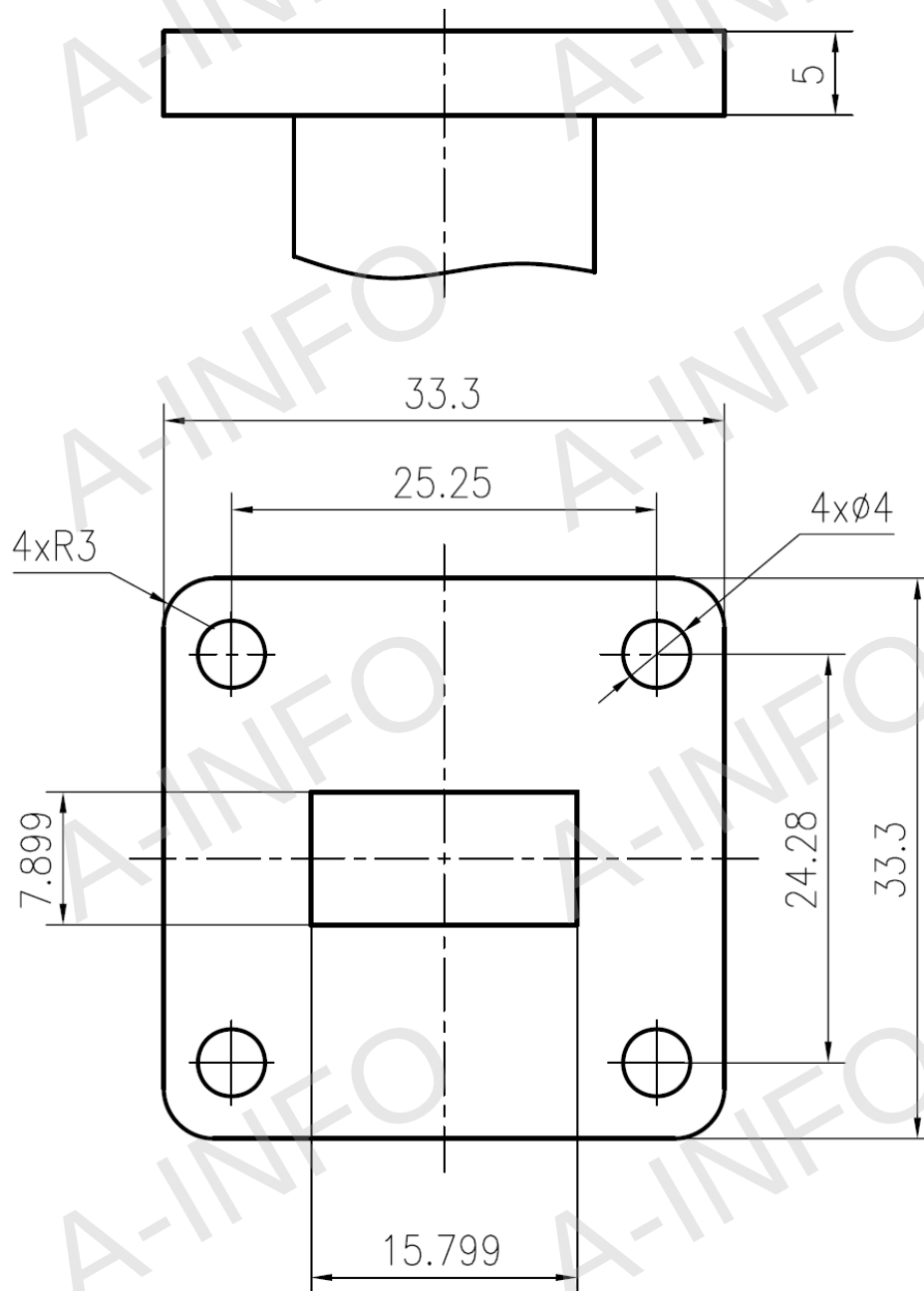


C Type (With N-Female Output & L Type Mounting Bracket & Radome)

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



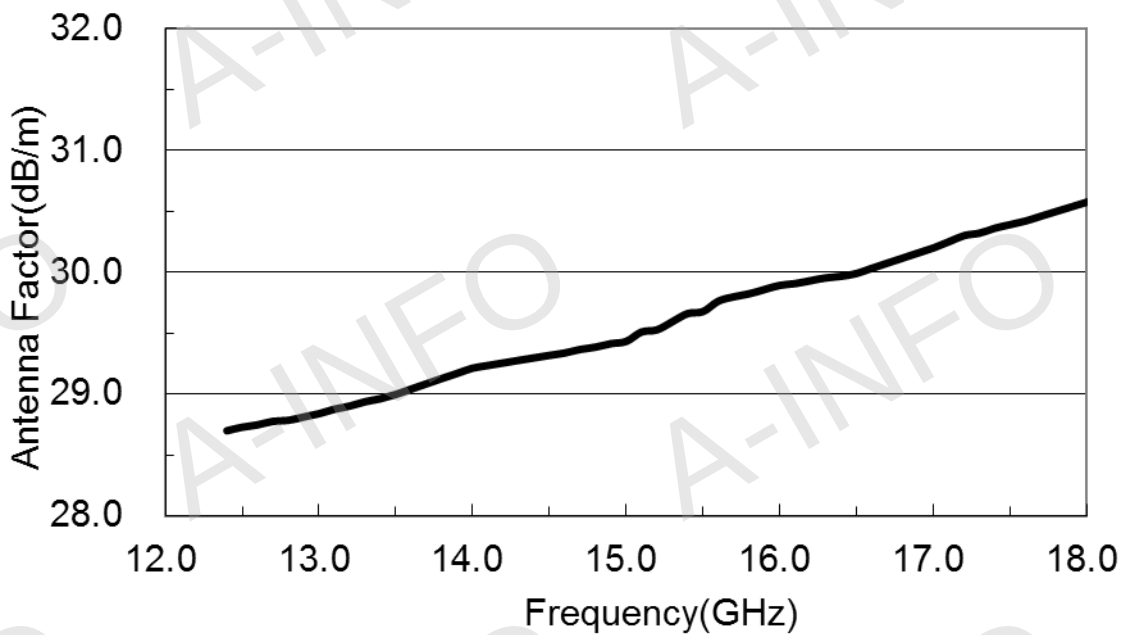
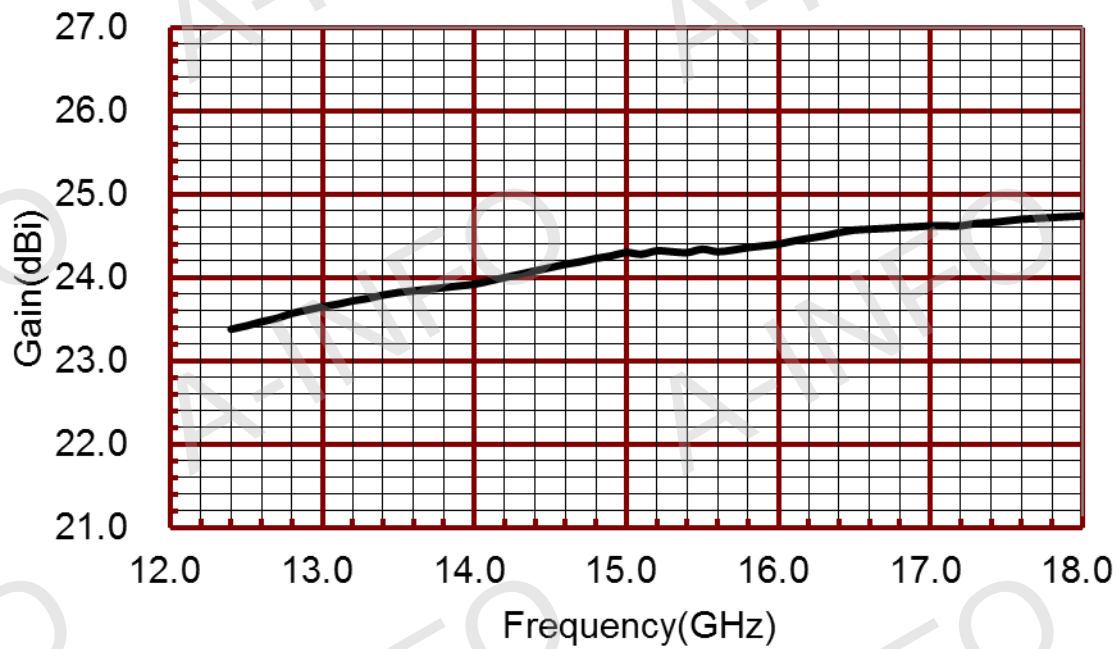
Flange Drawing (Size: mm)



FBP140

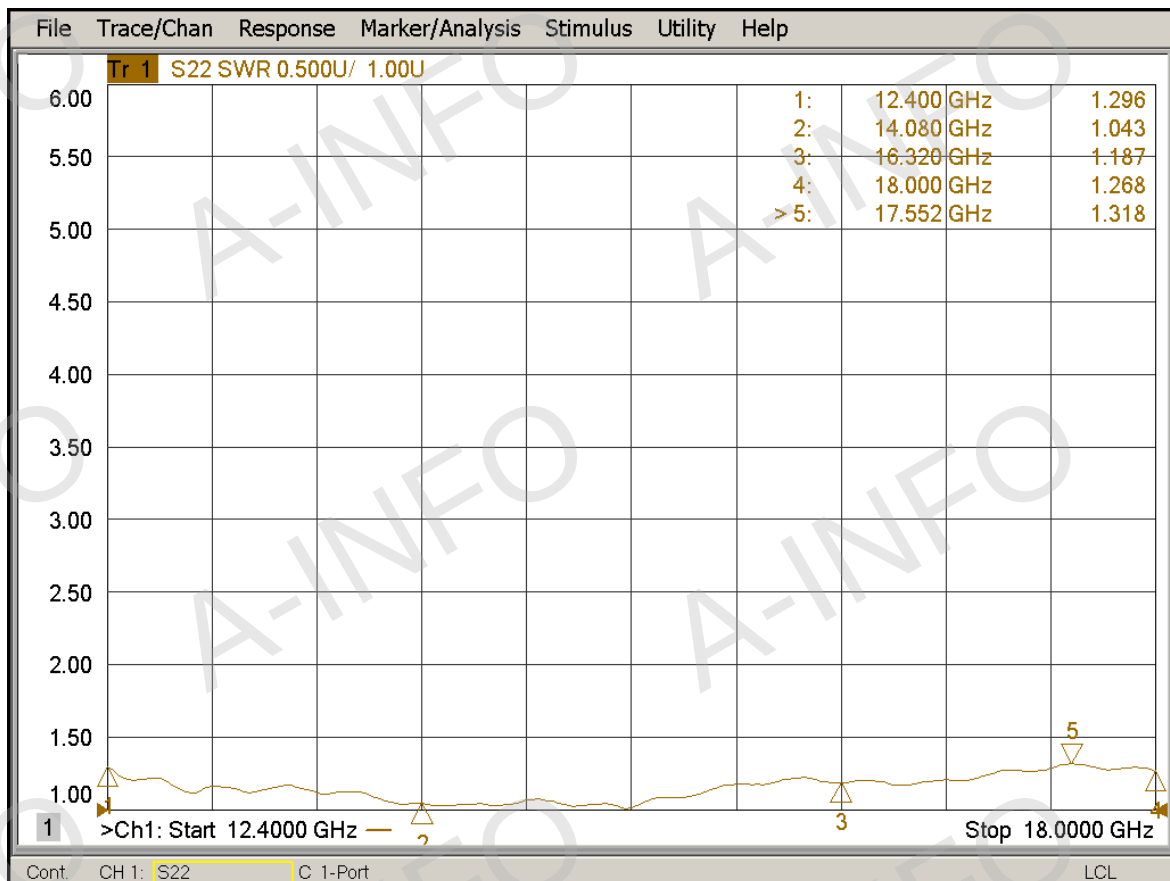
Test Results

1. Gain and Antenna Factor

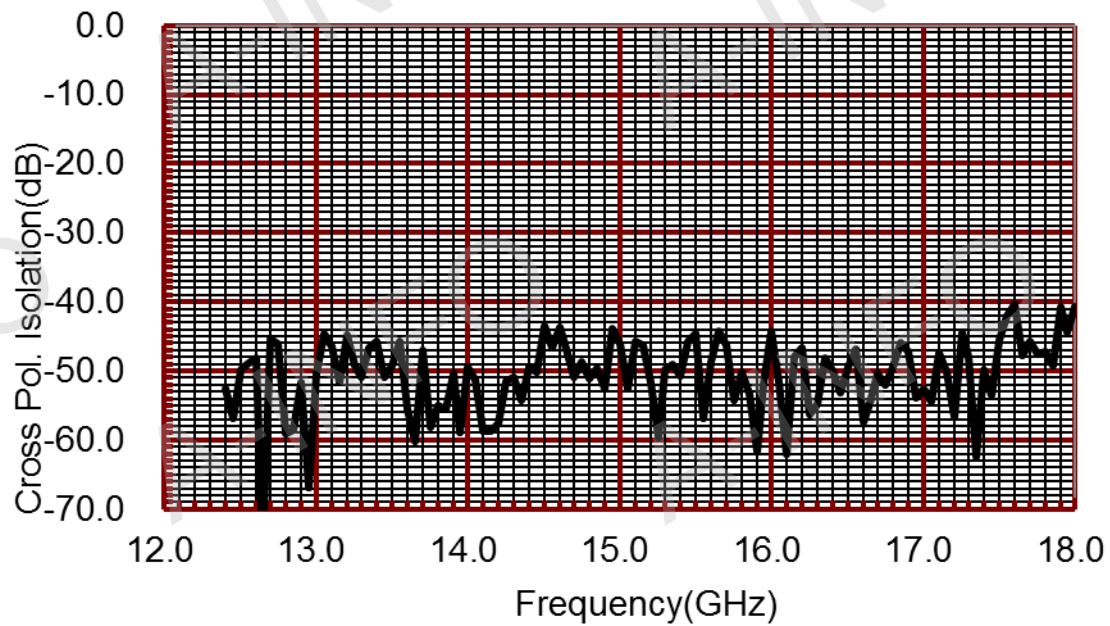


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
12.40	23.38	28.70
12.50	23.42	28.73
13.00	23.65	28.84
13.50	23.82	29.00
14.00	23.92	29.21
14.50	24.12	29.32
15.00	24.30	29.43
15.50	24.34	29.68
16.00	24.40	29.89
16.50	24.57	29.99
17.00	24.62	30.20
17.50	24.68	30.39
18.00	24.74	30.58

2. VSWR



3. Cross Polarization Isolation



4. Pattern

