

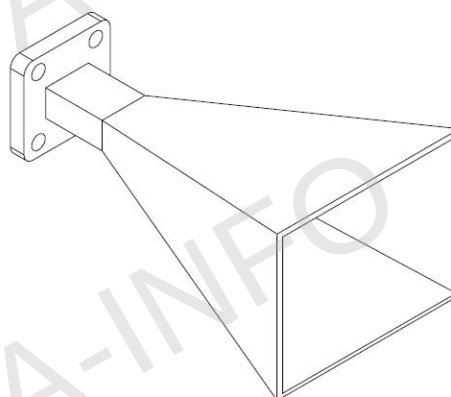
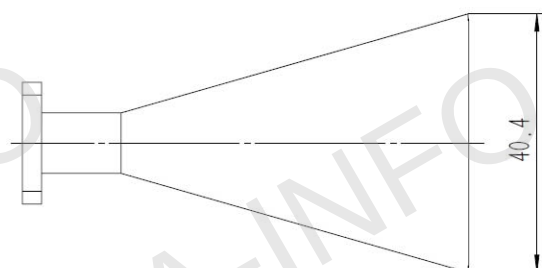
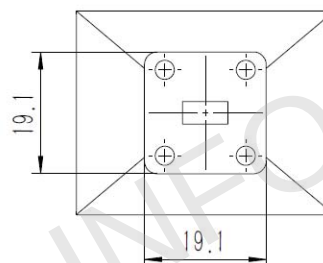
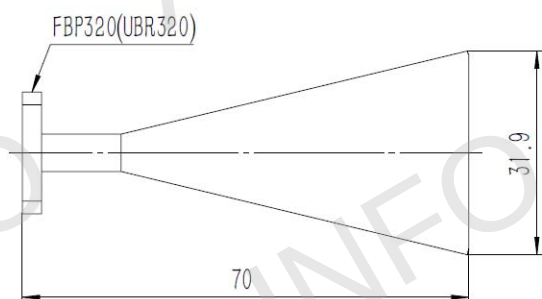
Technical Specification



Frequency Range(GHz)	26.5 - 40.0
Waveguide	WR28
Gain(dB)	20 Typ.
Polarization	Linear
3dB Beamwidth(deg)	18 Typ.
Cross Pol. Isolation(dB)	40 Typ.
VSWR	1.25:1 Typ.
Output	A Type: FBP320(UBR320)
	C Type: 2.92mm-Female or 2.4mm-Female
Material	Cu
Size(mm)	A Type: 31.9 x 40.4 x 70
	C Type: 32.1 x 40.4 x 94
Net Weight(Kg)	A Type: 0.05 Around
	C Type: 0.10 Around

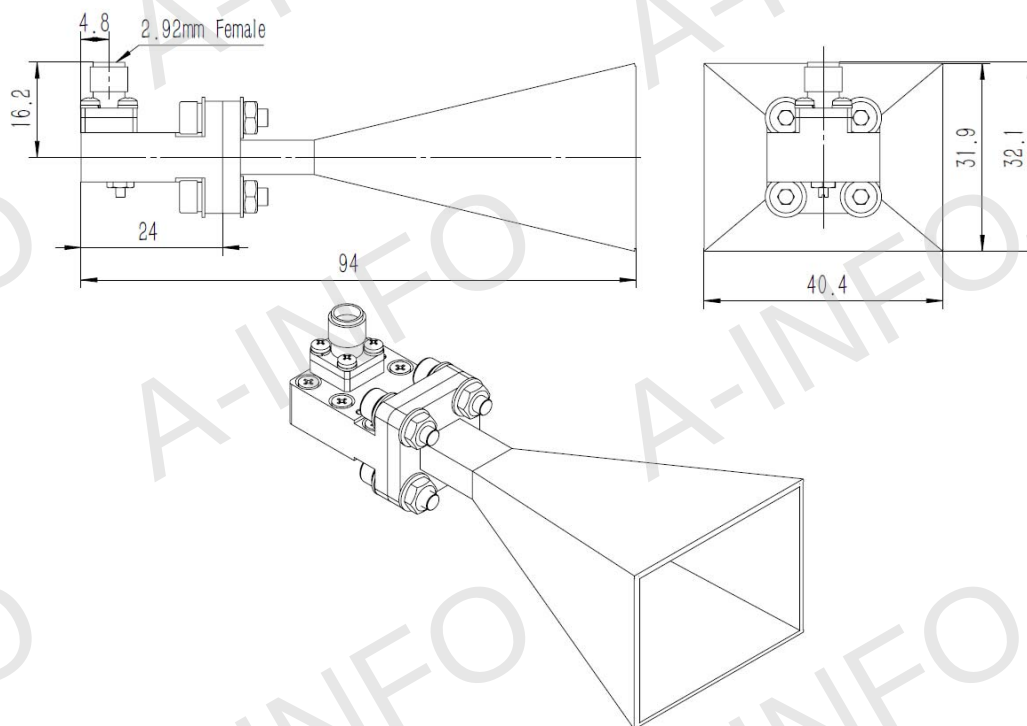
Outline Drawing (Size: mm)

A Type(With FBP320 Output)



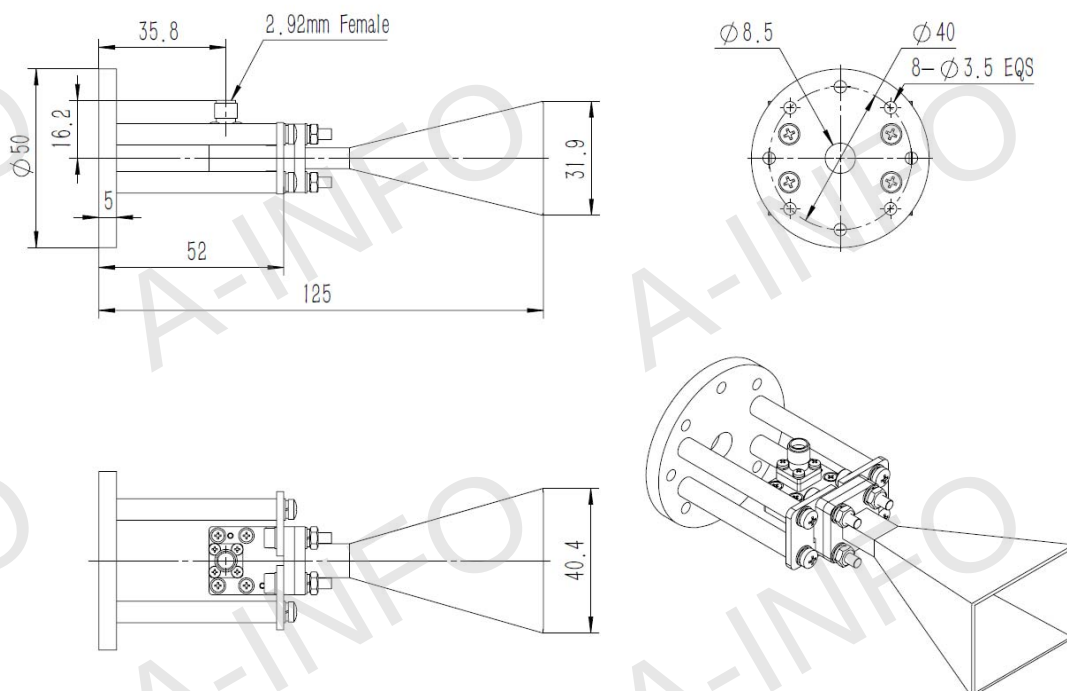
C Type (With 2.92mm-Female Output)

For 2.4mm-Female output outline drawing, please contact A-INFO.



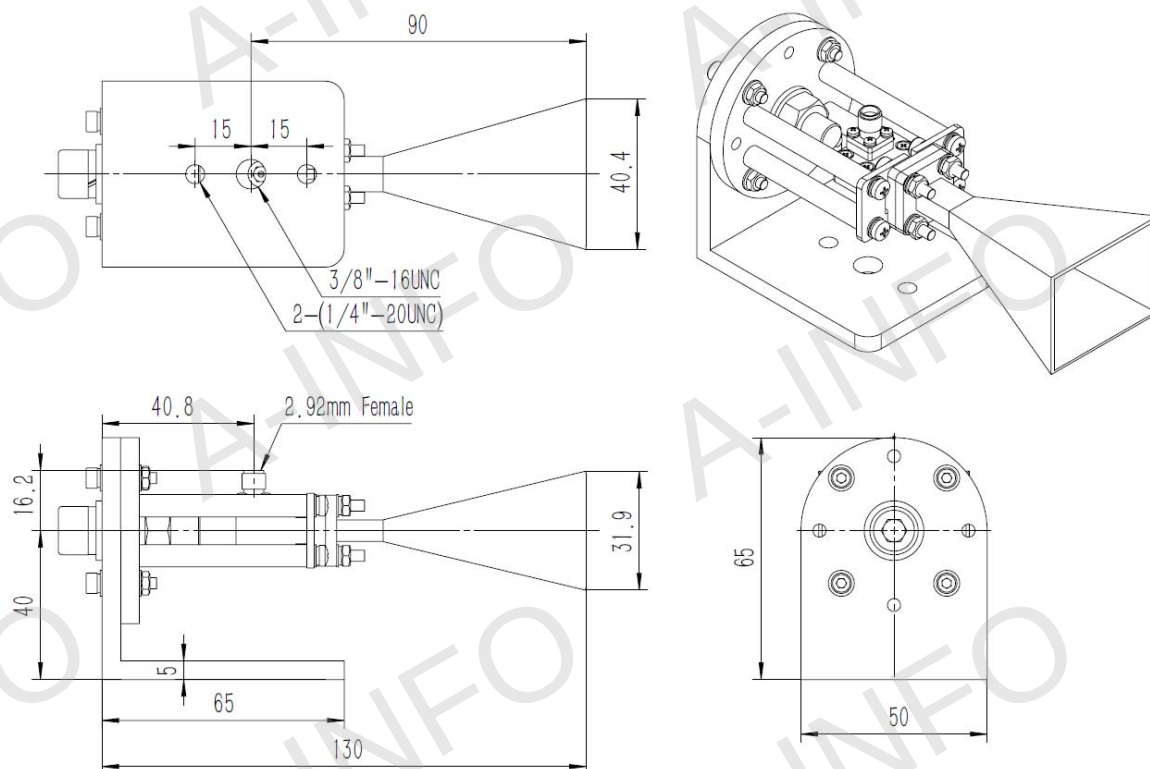
C Type (With 2.92mm-Female Output & Round Mounting Bracket)

For 2.4mm-Female output outline drawing, please contact A-INFO.

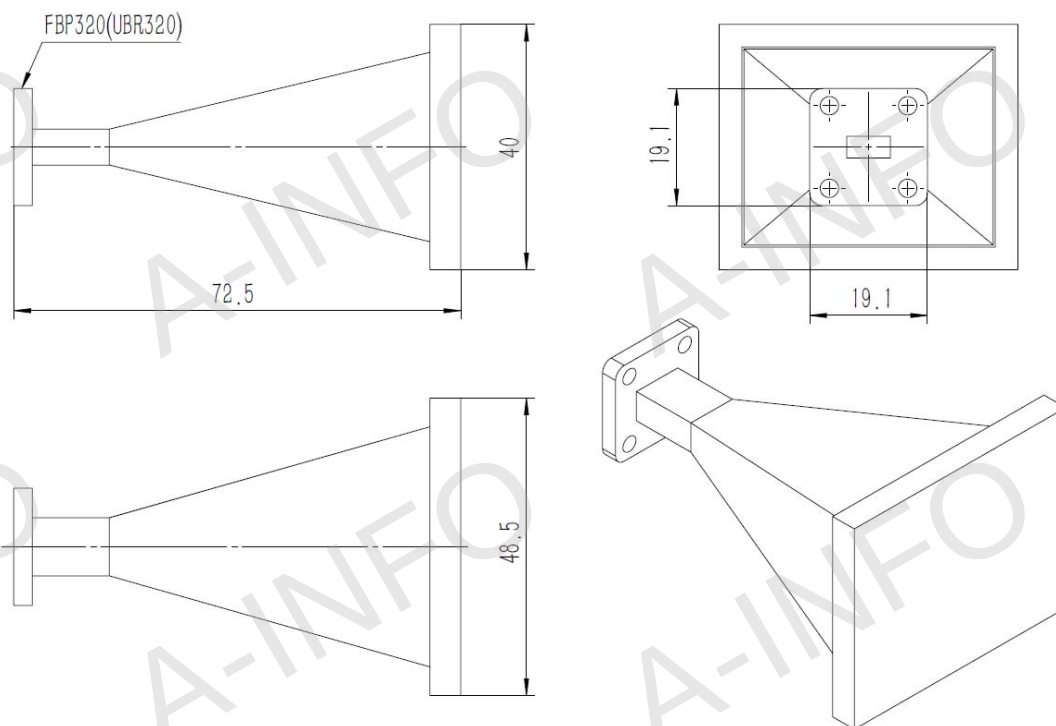


C Type (With 2.92mm-Female Output & L Type Mounting Bracket)

For 2.4mm-Female output outline drawing, please contact A-INFO.

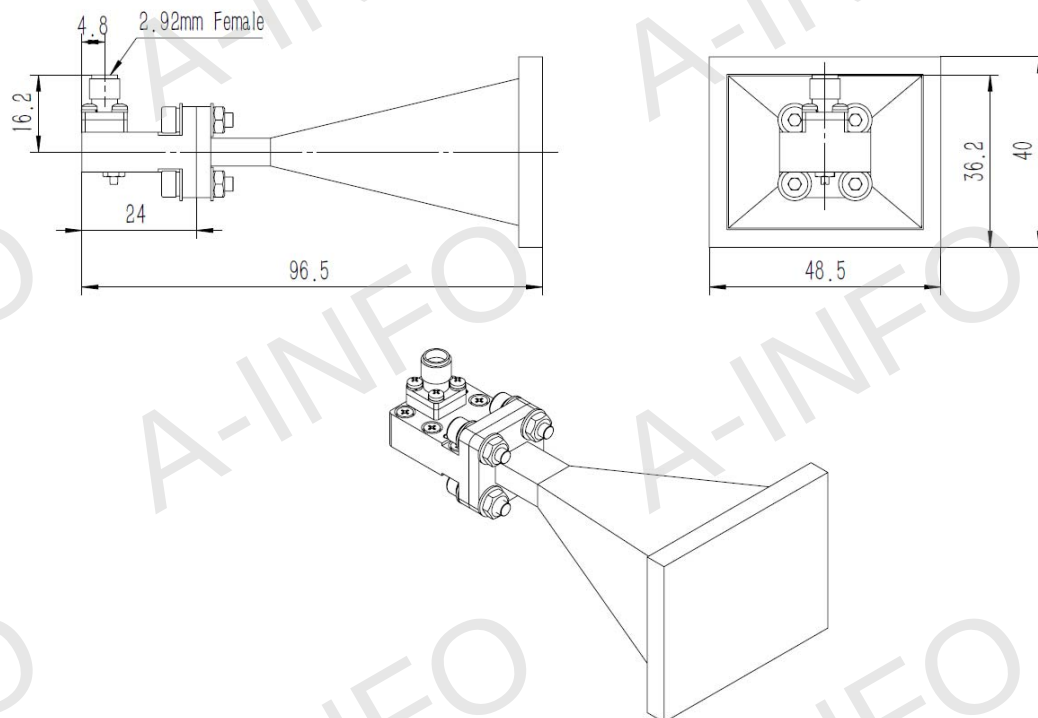


A Type (With Radome)



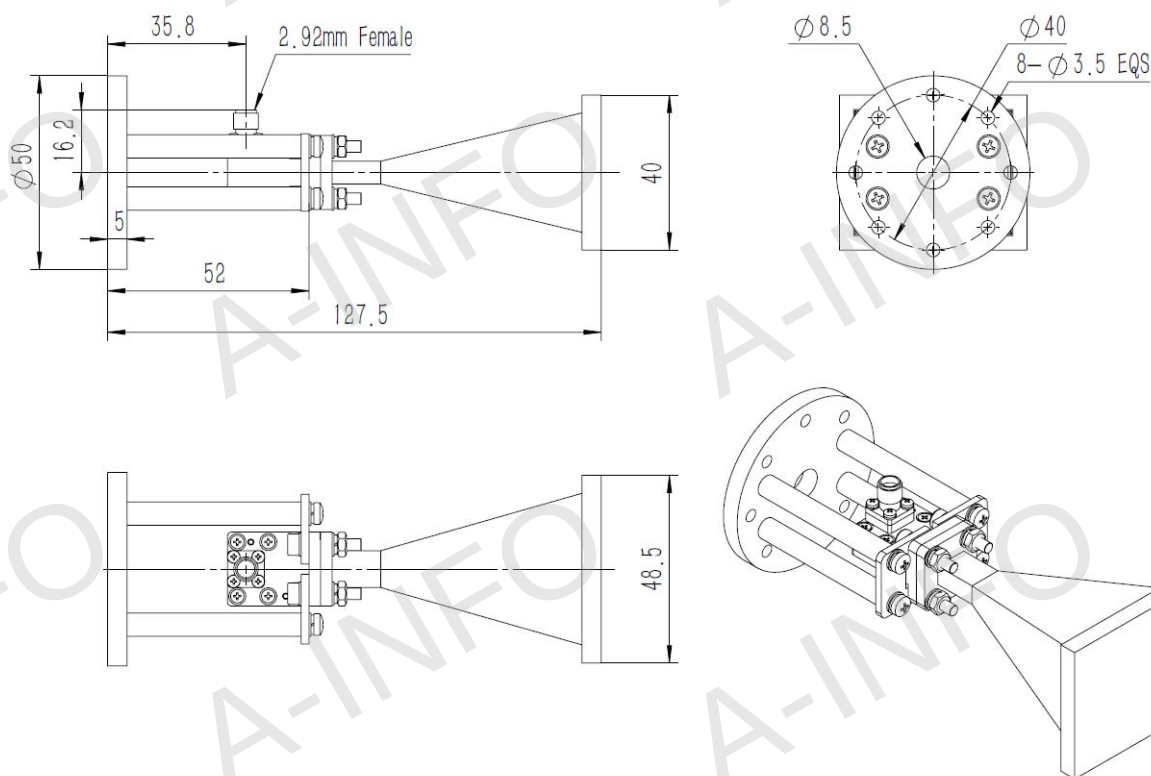
C Type (With 2.92mm-Female Output & Round Mounting Bracket & Radome)

For 2.4mm-Female output outline drawing, please contact A-INFO.



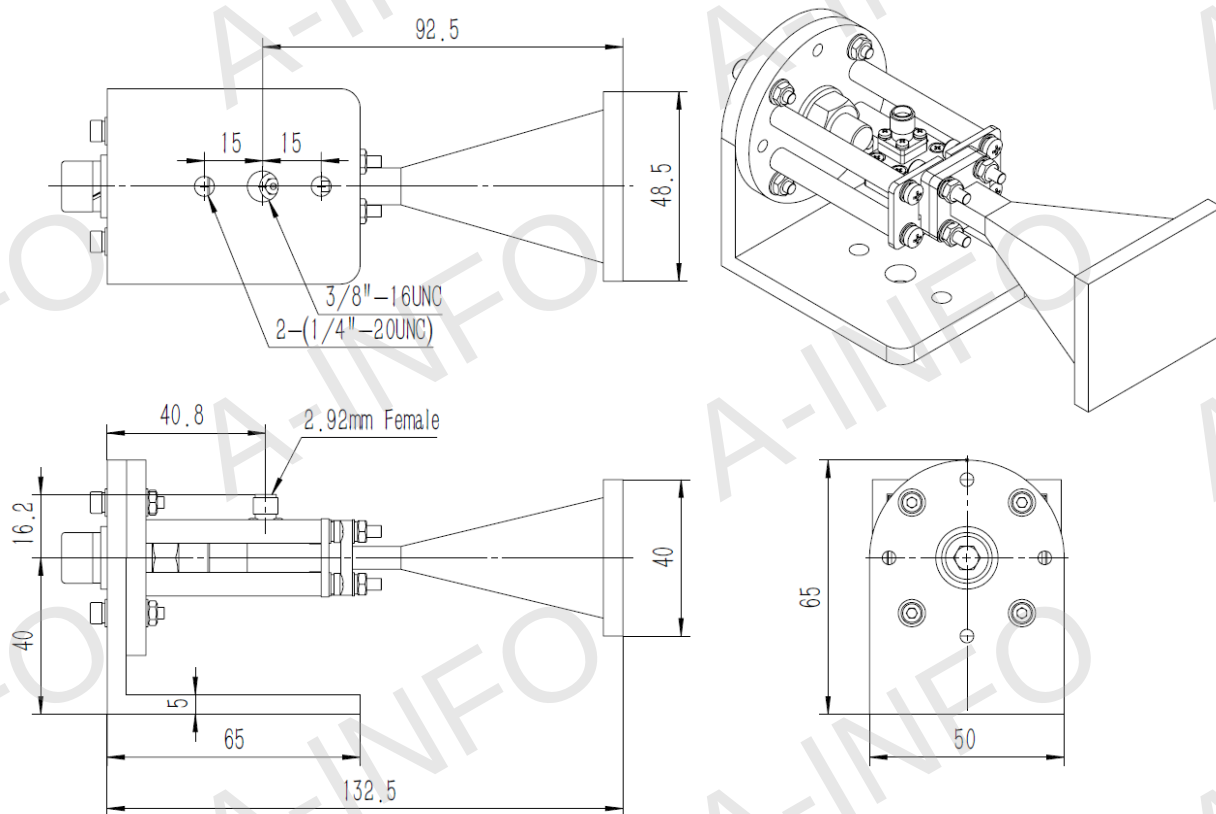
C Type (With 2.92mm-Female Output & Round Mounting Bracket & Radome)

For 2.4mm-Female output outline drawing, please contact A-INFO.

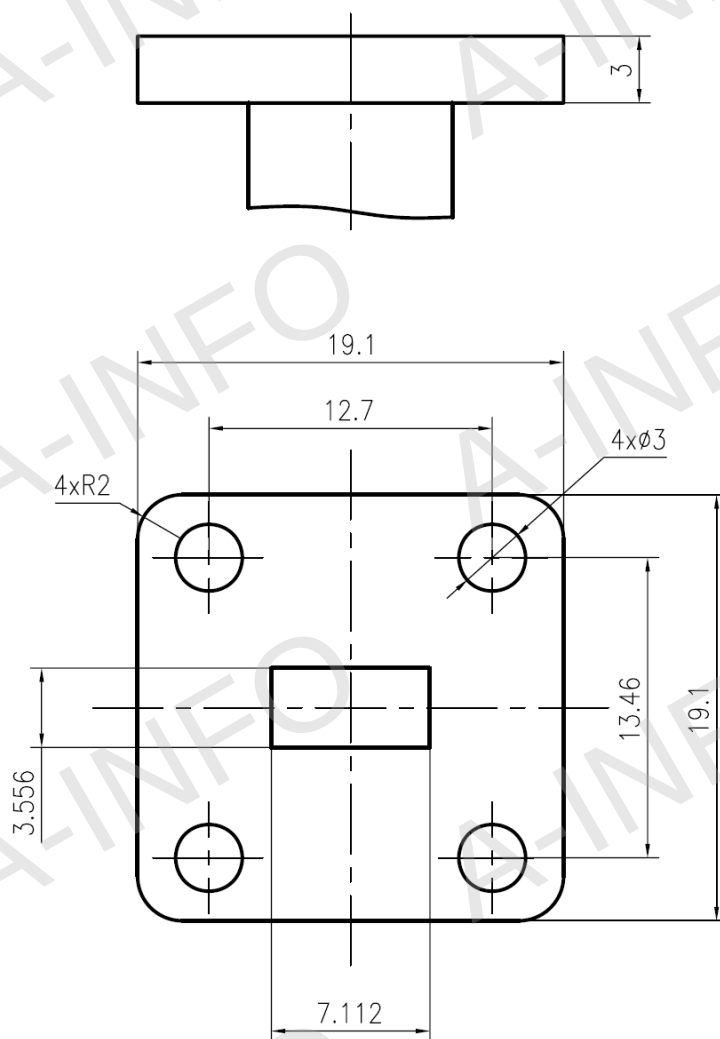


C Type (With 2.92mm-Female Output & L Type Mounting Bracket & Radome)

For 2.4mm-Female output outline drawing, please contact A-INFO.



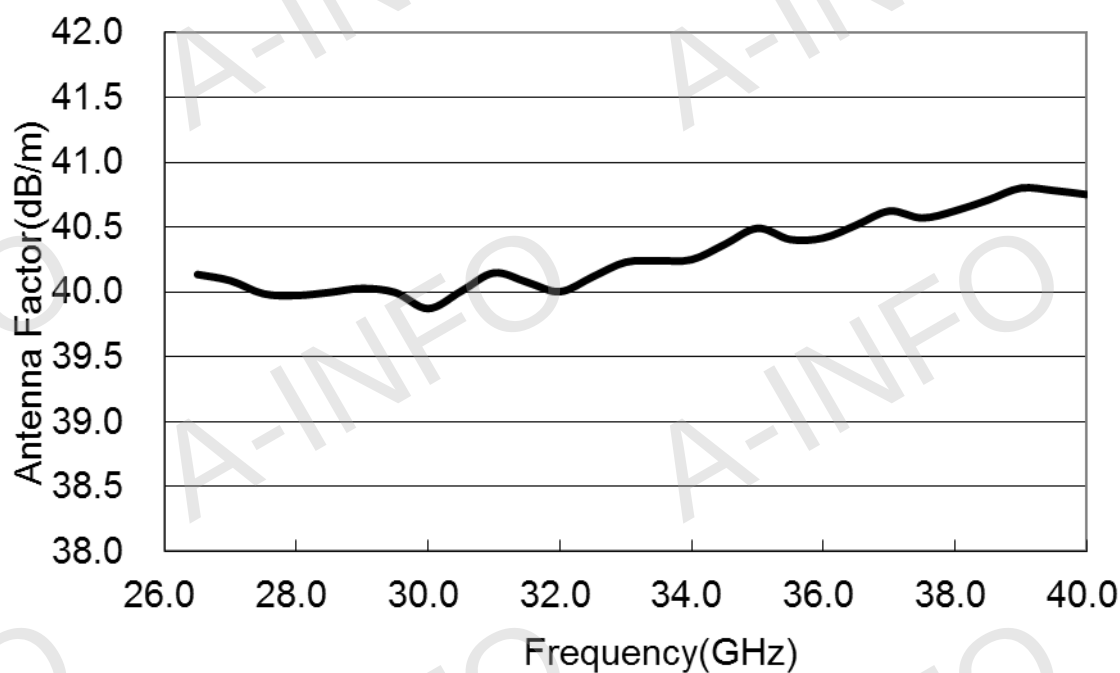
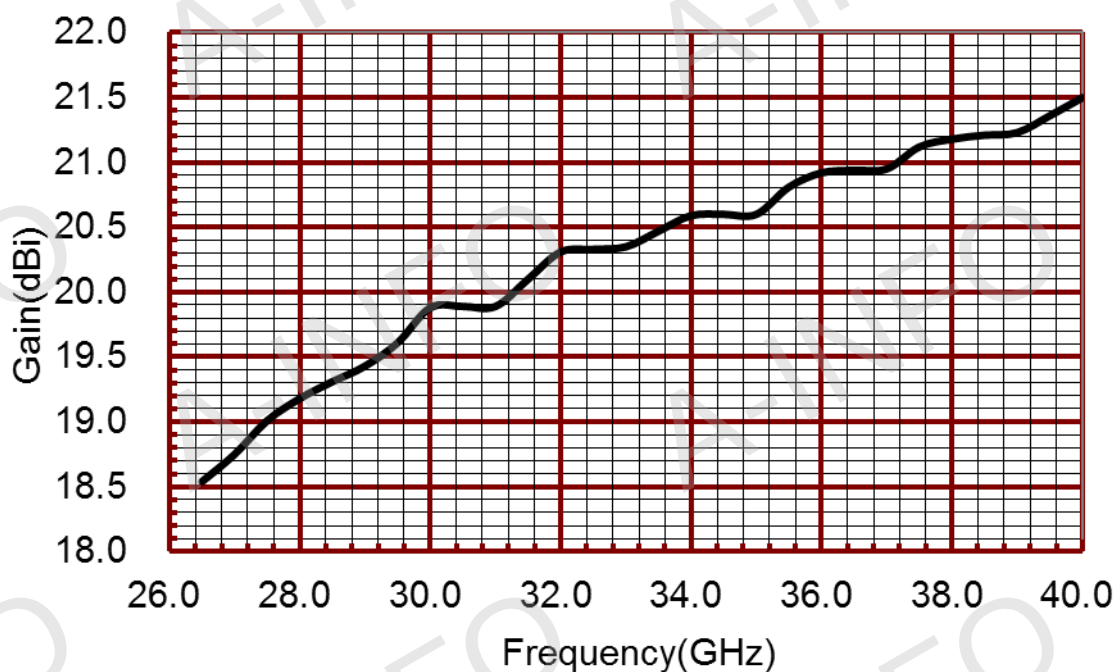
Flange Drawing (Size: mm)



FBP320

Test Results

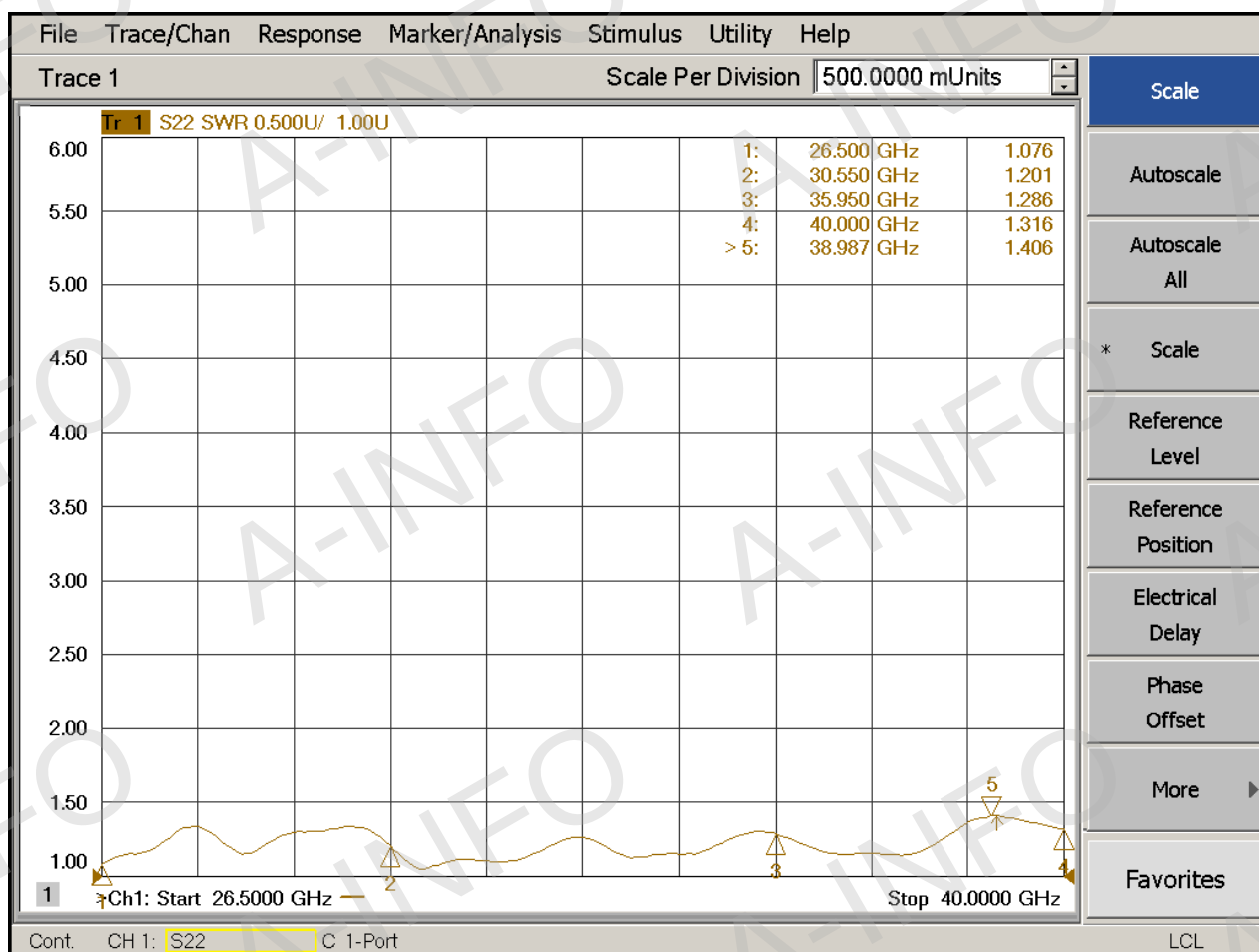
1. Gain and Antenna Factor



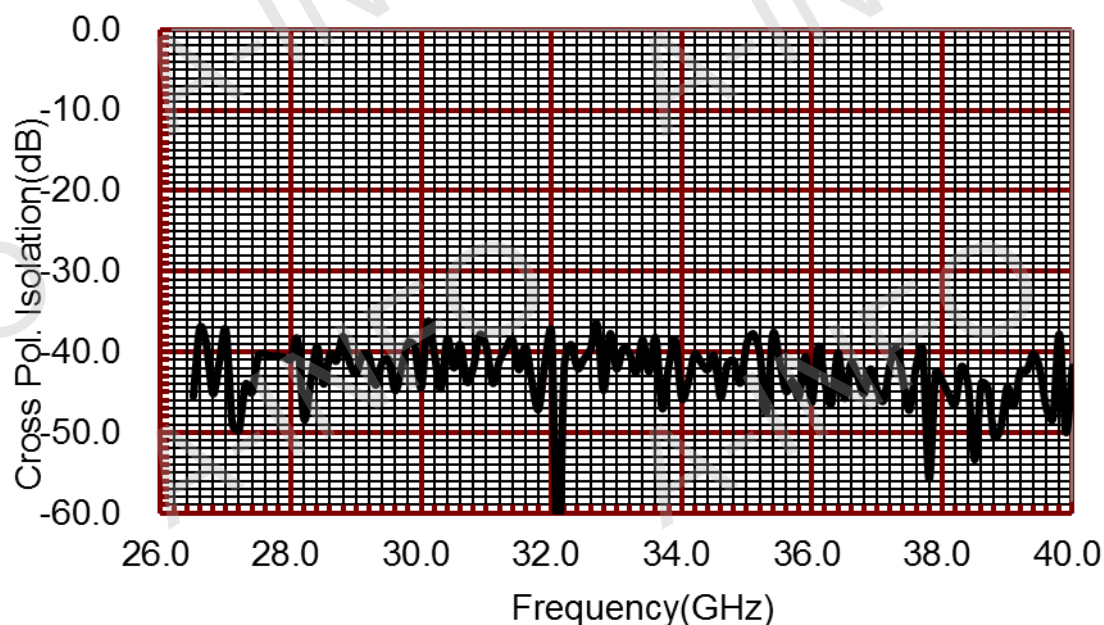
Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
26.5	18.54	40.13
27.0	18.75	40.09
27.5	19.01	39.99
28.0	19.18	39.97
28.5	19.31	40.00
29.0	19.43	40.03
29.5	19.61	40.00
30.0	19.88	39.87
30.5	19.89	40.01
31.0	19.89	40.15
31.5	20.10	40.08
32.0	20.31	40.00
32.5	20.33	40.12
33.0	20.35	40.23

Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
33.5	20.47	40.24
34.0	20.59	40.25
34.5	20.60	40.37
35.0	20.60	40.49
35.5	20.81	40.40
36.0	20.92	40.42
36.5	20.94	40.52
37.0	20.95	40.62
37.5	21.12	40.57
38.0	21.18	40.63
38.5	21.21	40.71
39.0	21.23	40.80
39.5	21.36	40.78
40.0	21.50	40.75

2. VSWR



3. Cross Polarization Isolation



4. Pattern

