

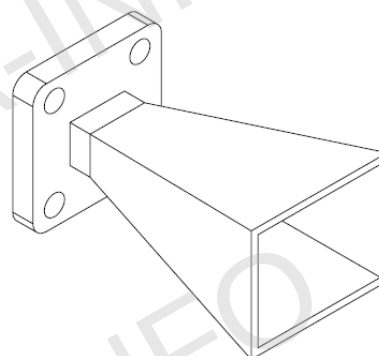
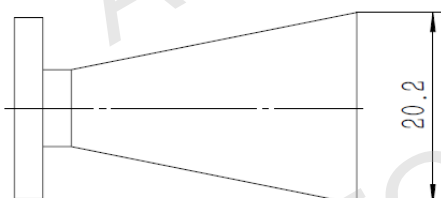
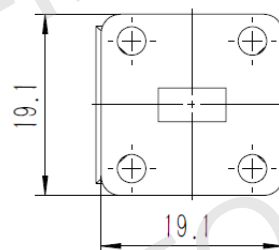
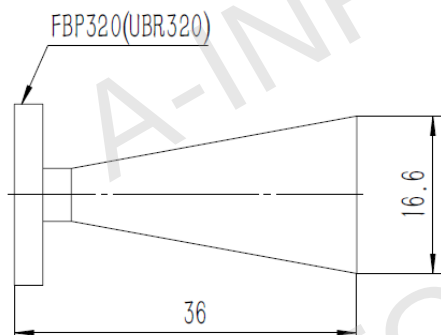
Technical Specification



Frequency Range(GHz)	26.5 - 40.0
Waveguide	WR28
Gain(dB)	15 Typ.
Polarization	Linear
3dB Beamwidth(deg)	30 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	1.25:1 Typ.
Output	A Type: FBP320 C Type: 2.92mm-F or 2.4mm-F
Material	Cu
Size(mm)	A Type: 20.2 x 19.1 x 36 C Type: 20.2 x 25.7 x 60
Net Weight(Kg)	A Type: 0.02 Around C Type: 0.07 Around

Outline Drawing (Size: mm)

A Type(With FBP320 Output)



AINFO Inc.

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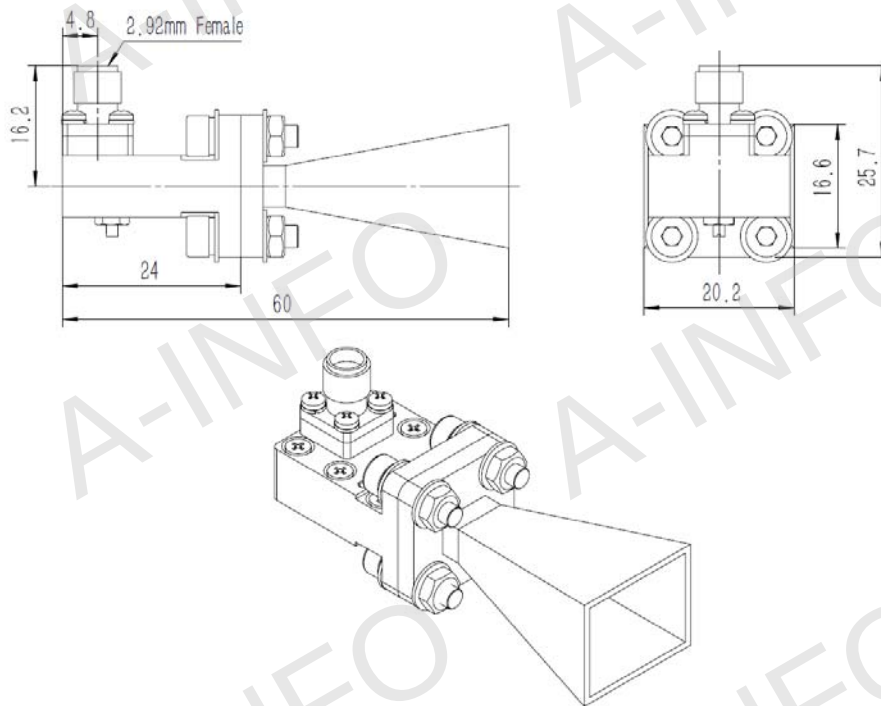
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Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

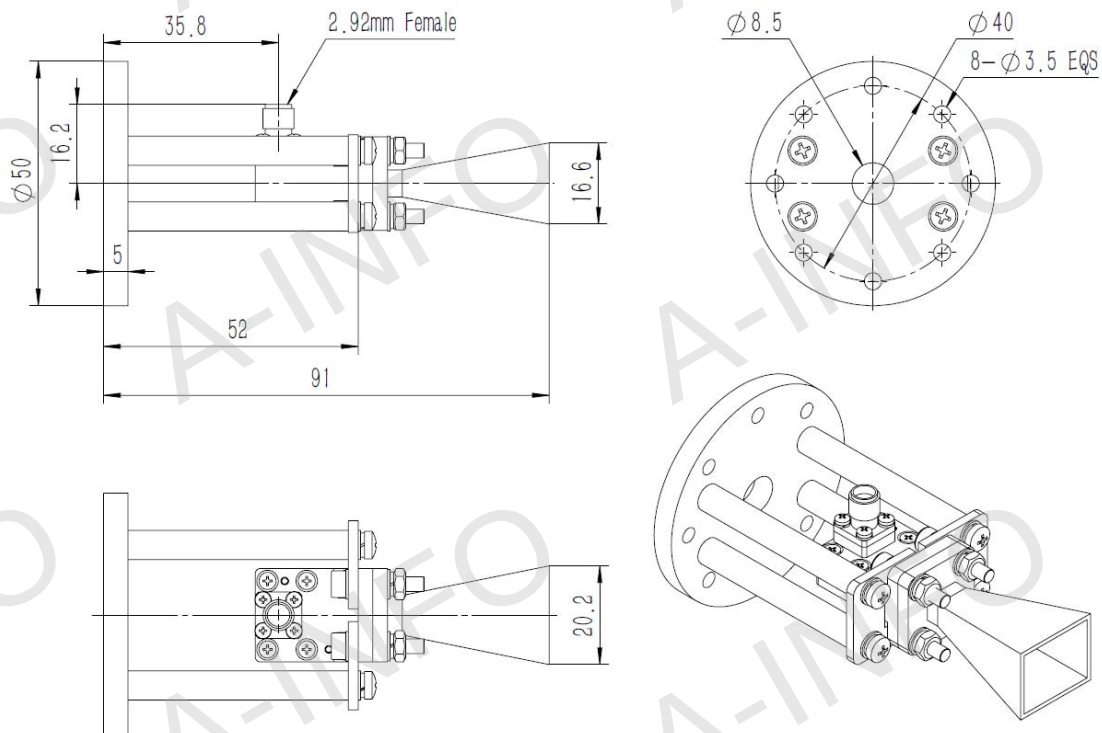
C Type (With 2.92mm-Female Output)

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



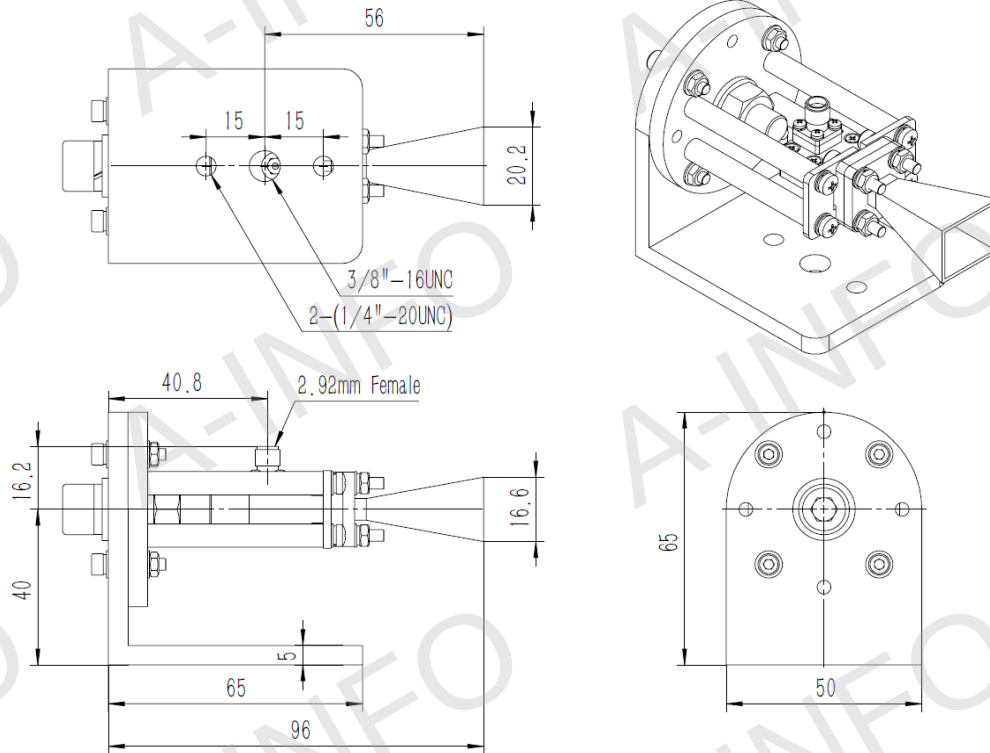
C Type (With 2.92mm-Female Output & Round Mounting Bracket)

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

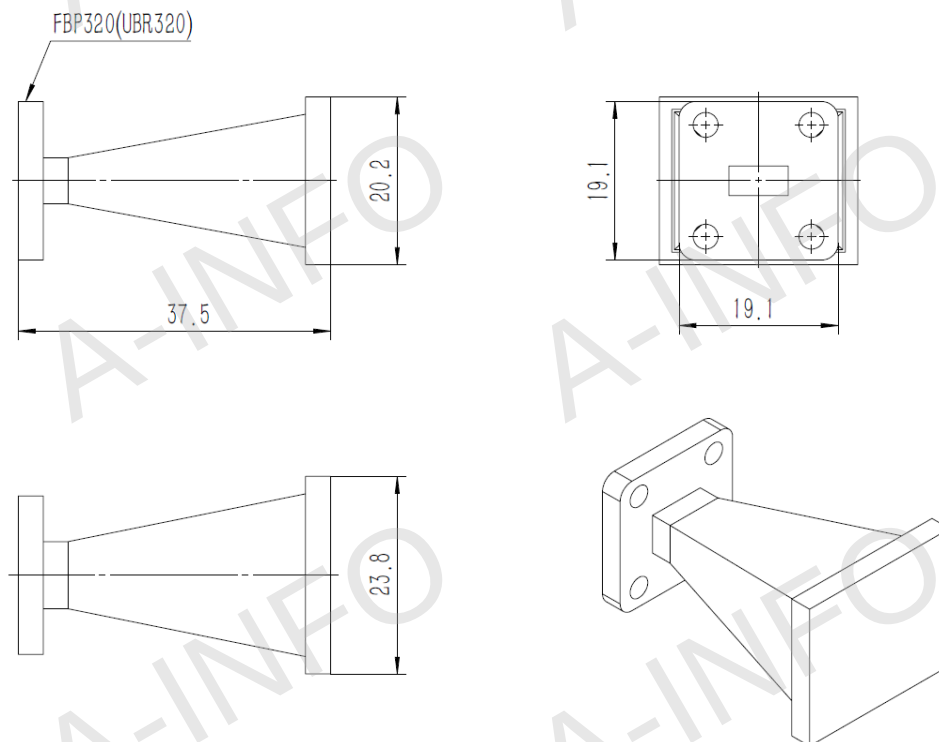


C Type (With 2.92mm-Female Output & L Type Mounting Bracket)

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



A Type (With Radome)



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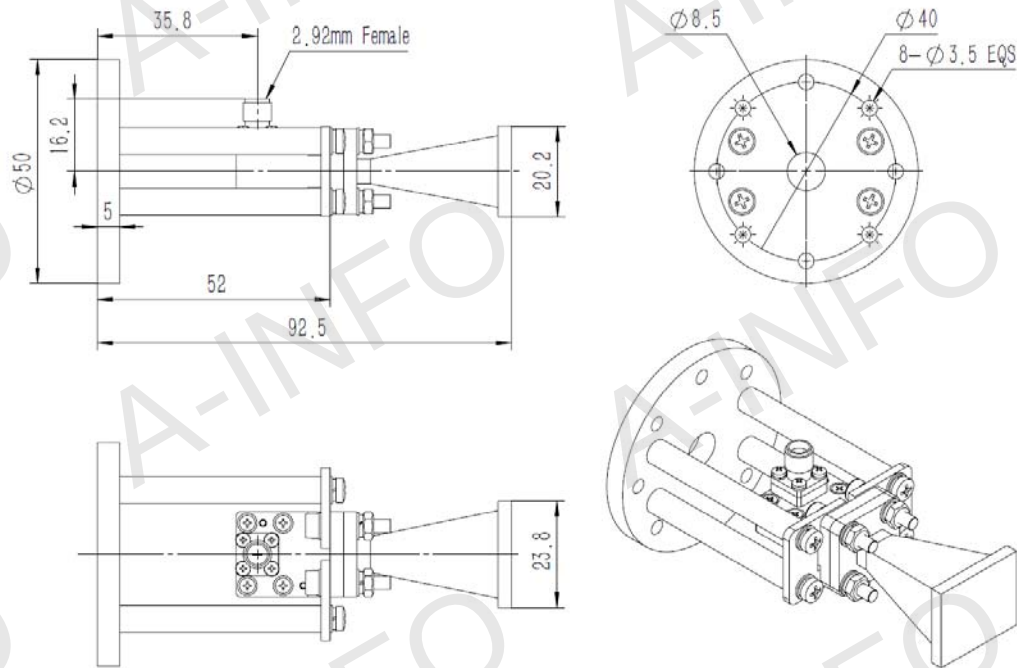
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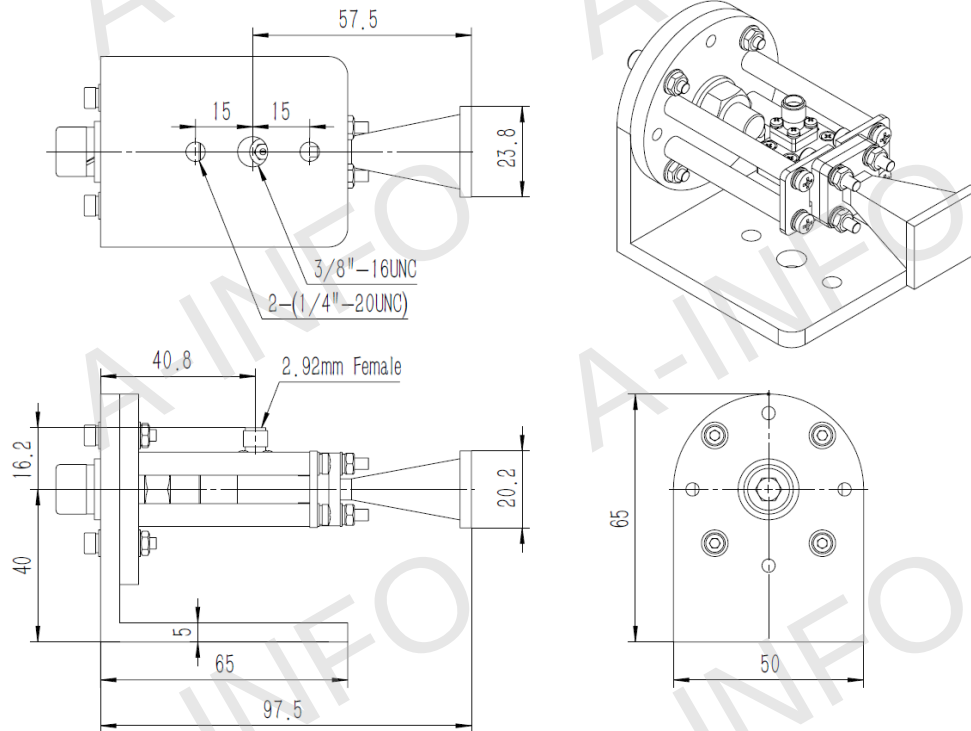
C Type (With 2.92mm-Female Output & Round Mounting Bracket & Radome)

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

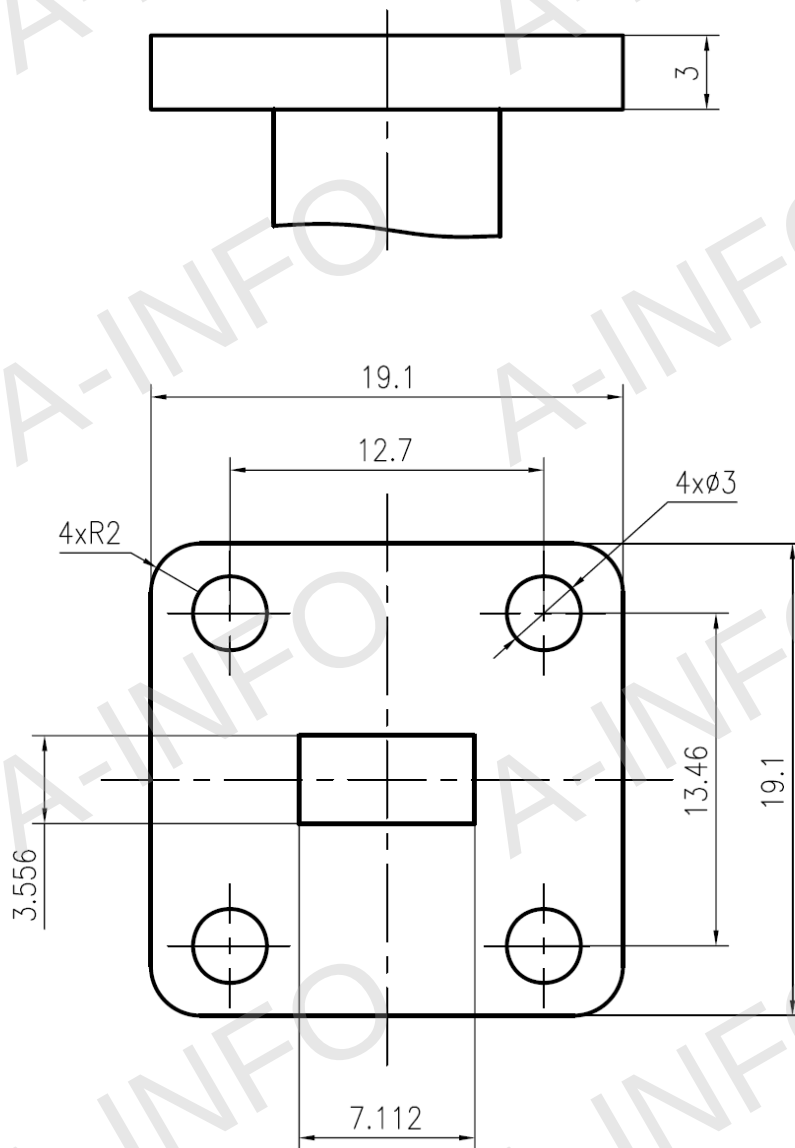


C Type (With 2.92mm-Female Output & L Type Mounting Bracket & Radome)

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



Flange Drawing (Size: mm)



FBP320

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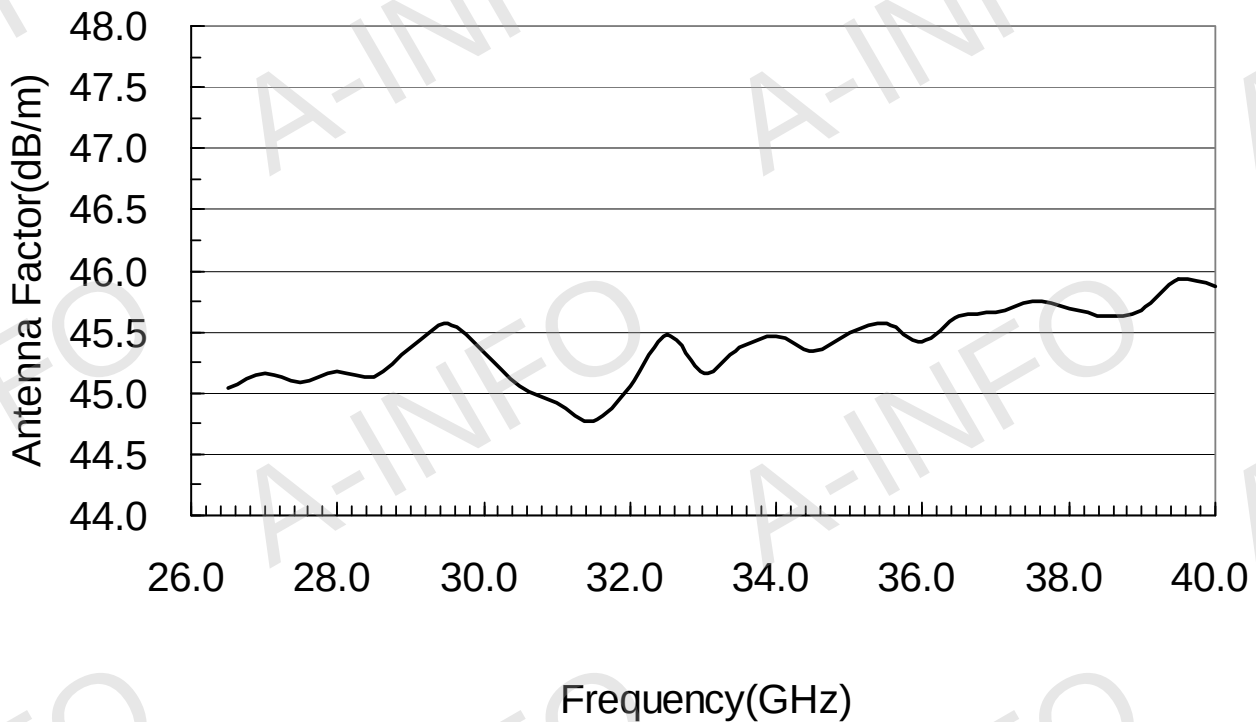
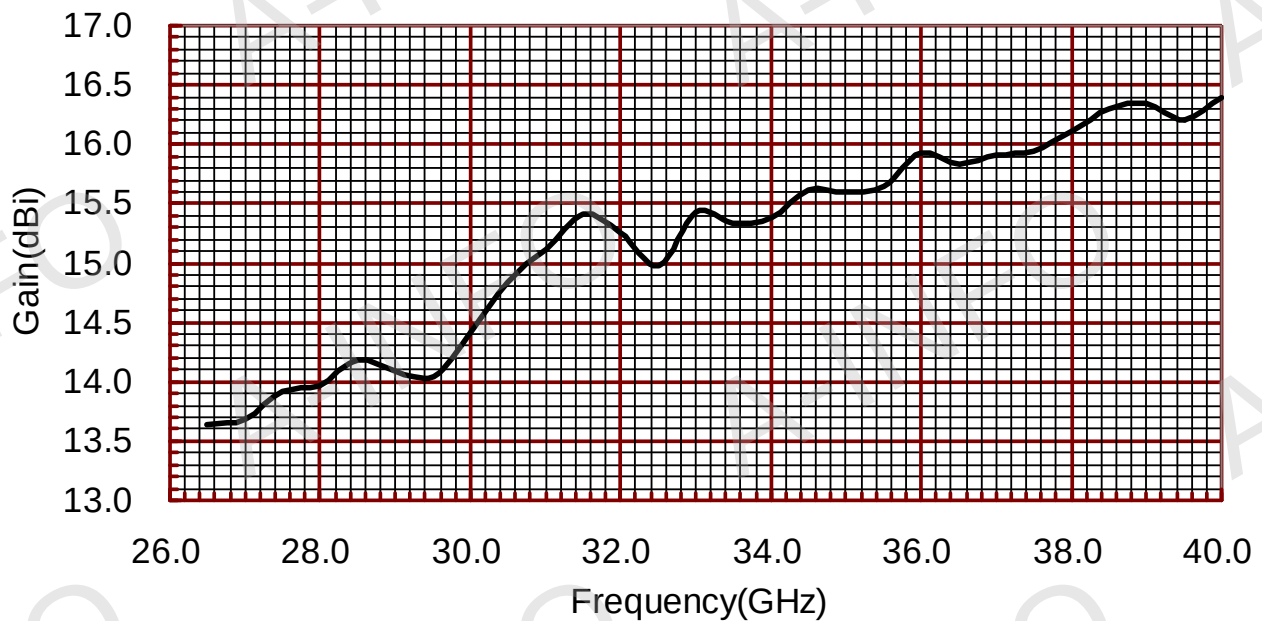
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Test Results

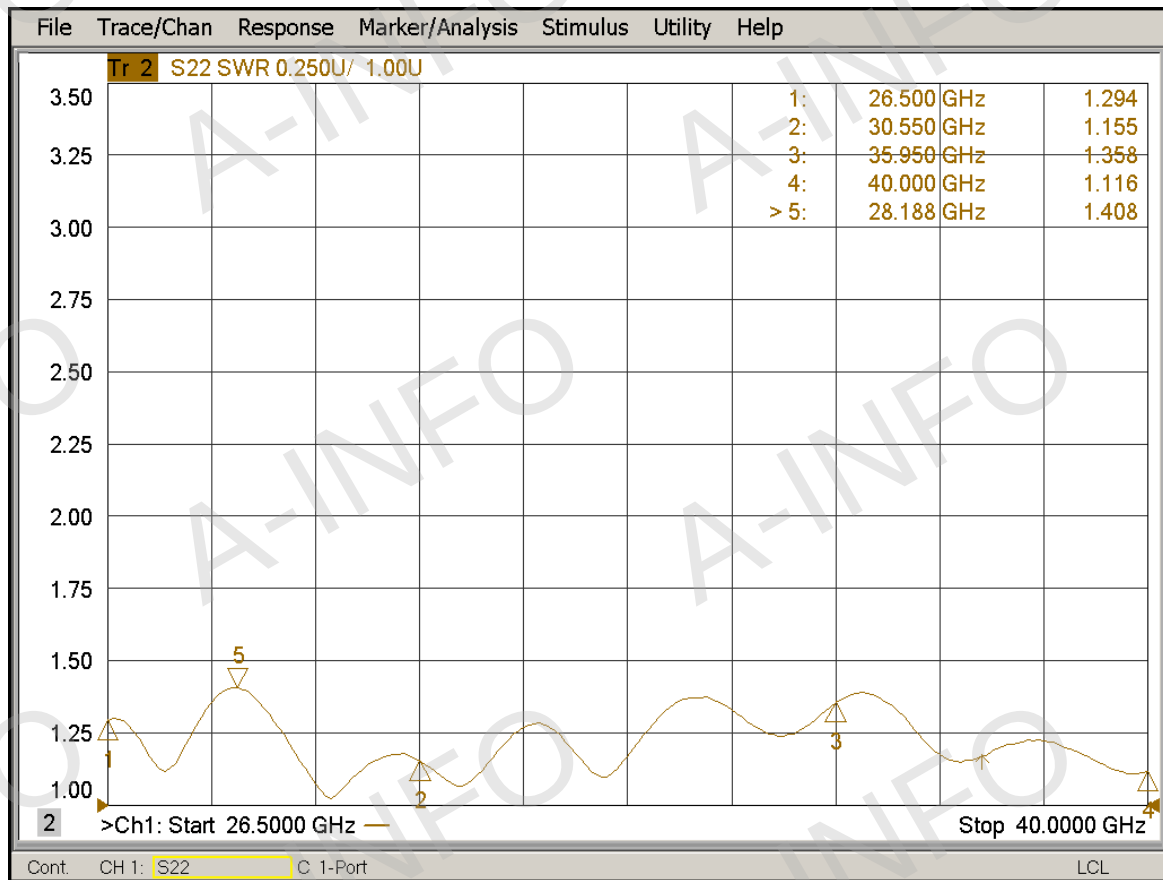
1. Gain & Antenna Factor



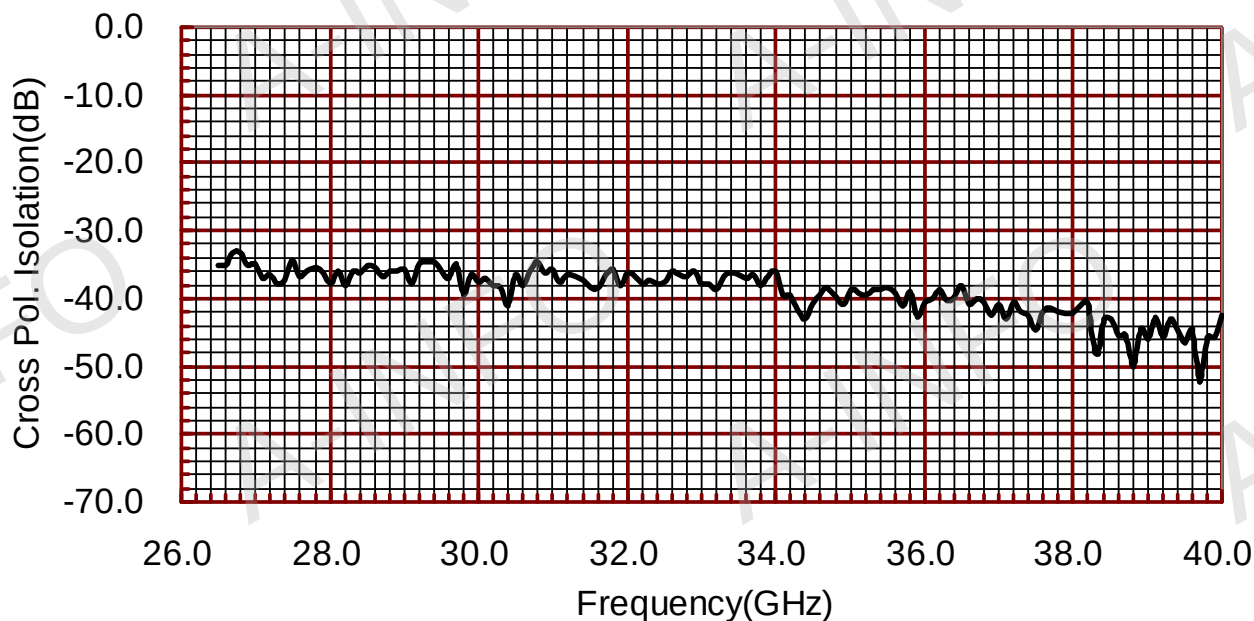
Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
26.5	13.63	45.04
27.0	13.68	45.15
27.5	13.91	45.08
28.0	13.97	45.18
28.5	14.17	45.12
29.0	14.09	45.37
29.5	14.04	45.57
30.0	14.42	45.33
30.5	14.83	45.06
31.0	15.11	44.92
31.5	15.41	44.76
32.0	15.26	45.05
32.5	14.97	45.48
33.0	15.42	45.16

Frequency (GHz)	Gain (dB)	Antenna Factor (dB/m)
33.5	15.34	45.37
34.0	15.37	45.46
34.5	15.62	45.34
35.0	15.60	45.49
35.5	15.65	45.57
36.0	15.92	45.41
36.5	15.83	45.63
37.0	15.91	45.66
37.5	15.94	45.75
38.0	16.11	45.69
38.5	16.29	45.62
39.0	16.35	45.68
39.5	16.21	45.93
40.0	16.39	45.86

2. VSWR



3. Cross Polarization Isolation



4. Pattern

