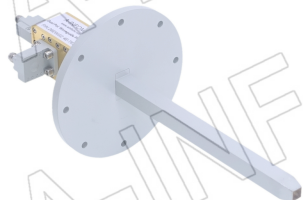


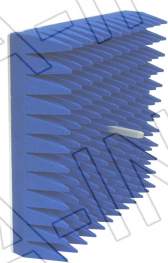
For reference only. See data sheet for the detailed specifications.

Technical Specification

28EWG2.4E-T63



28EWG2.4E-T63-A1

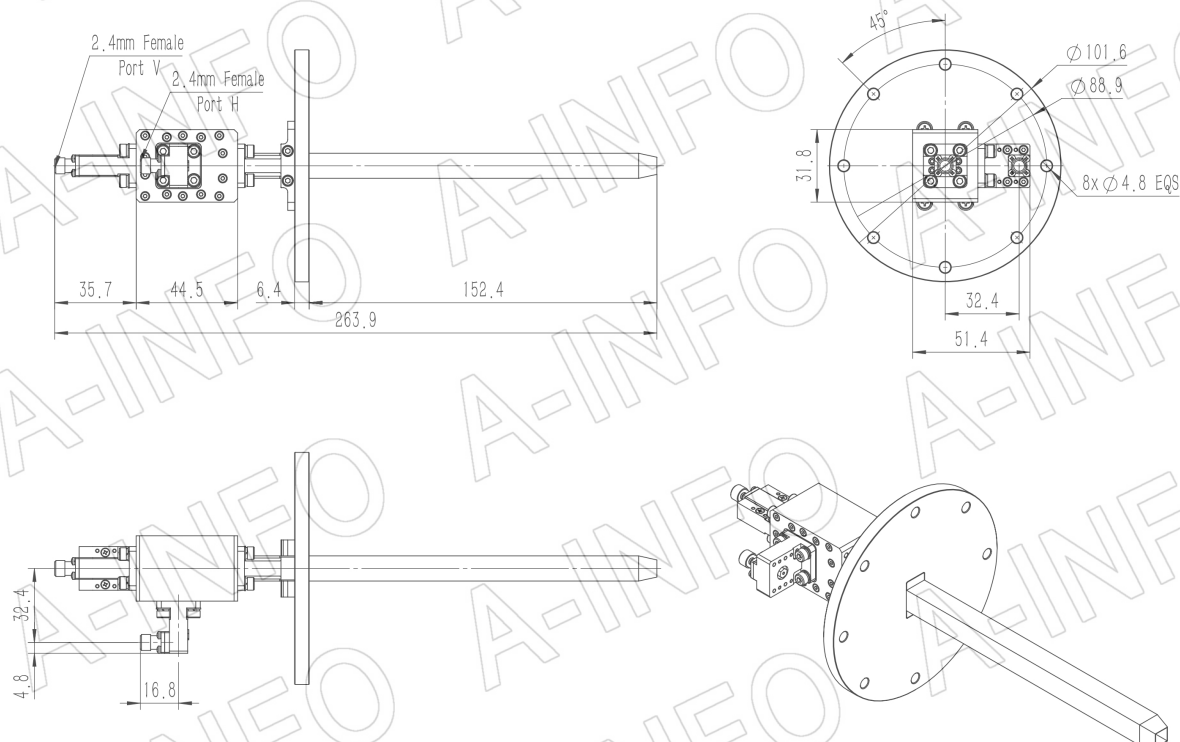


Frequency Range(GHz)	23.0 – 44.0
Waveguide	WR28
Gain(dBi)	8 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 61 Typ. H Plane: 66 Typ.
Cross Pol. Isolation(dB)	35 Typ.
Port to Port Isolation(dB)	50 Typ.
VSWR	2.0:1 Typ.
Output	Port-H: 2.4mm-Female or 2.92mm-Female Port-V: Endlaunch 2.4mm-Female or Endlaunch 2.92mm-Female
Material	Cu
Finish	Gold Plated, Silver Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	28EWGxE-T63: 101.6 x 101.6 x 263.9 28EWGxE-T63-A1: 399.6 x 399.6 x 263.9
Net Weight(Kg)	28EWGxE-T63: 0.45 Around 28EWGxE-T63-A1: 3.09 Around

Outline Drawing (Size: mm)

2.4mm-Female Output (P/N: 28EWG2.4E-T63)

For 2.92mm-Female output outline drawing, please contact A-INFO.



AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

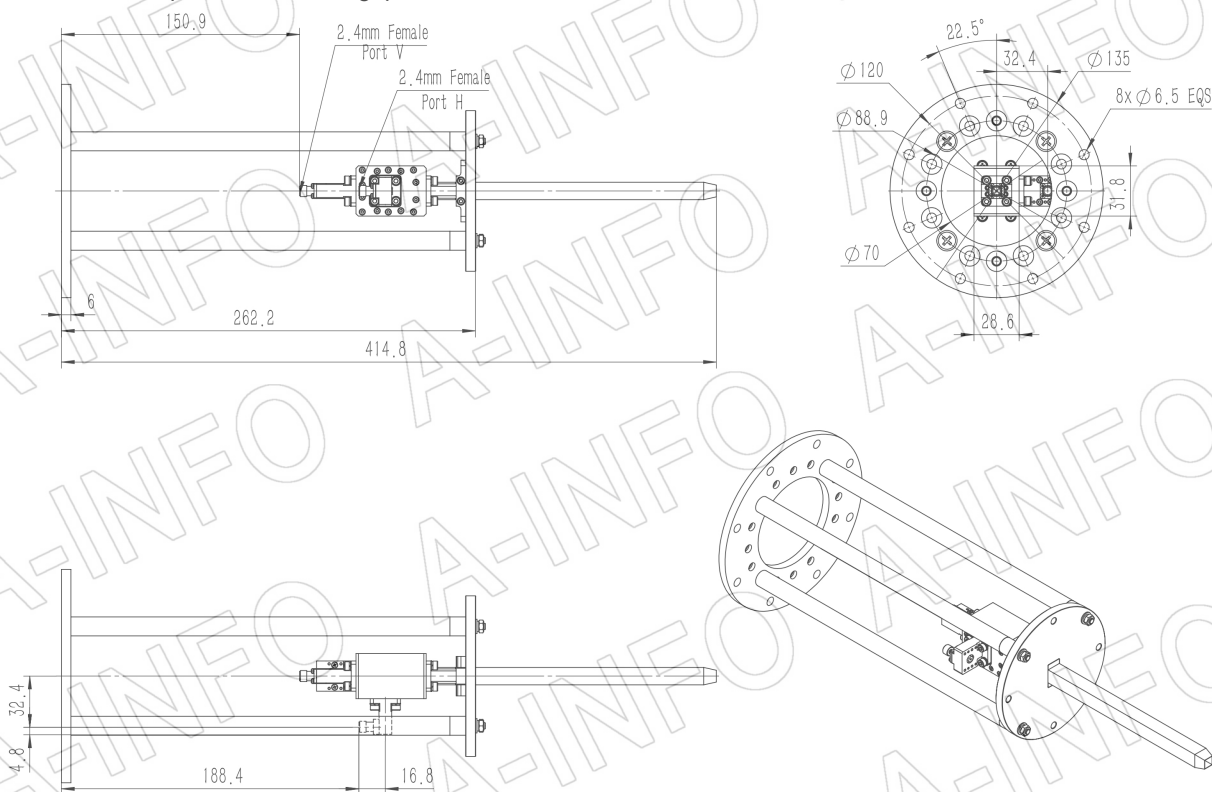
Page 1 of 15

Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

Website: www.ainfoinc.com
Email: sales@ainfoinc.com

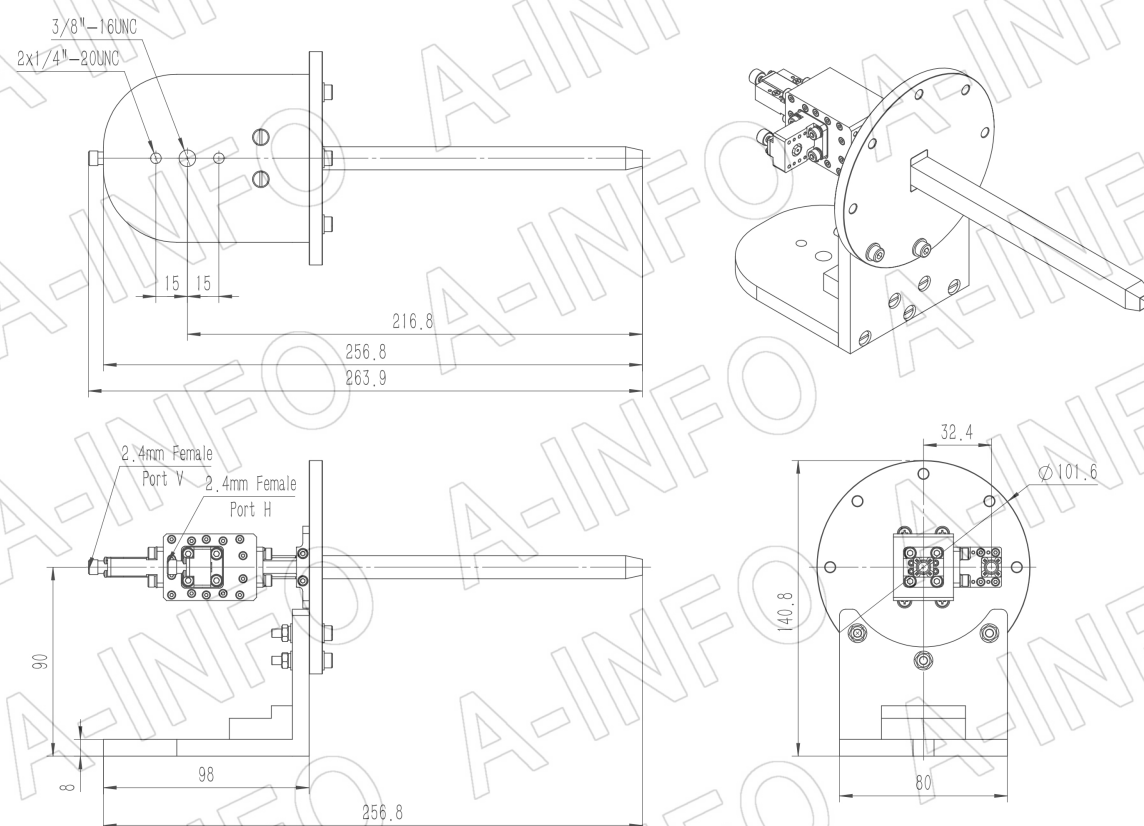
2.4mm-Female Output with Round Mounting Bracket (Option, P/N: EWG-MB40)

For 2.92mm-Female output outline drawing, please contact A-INFO.



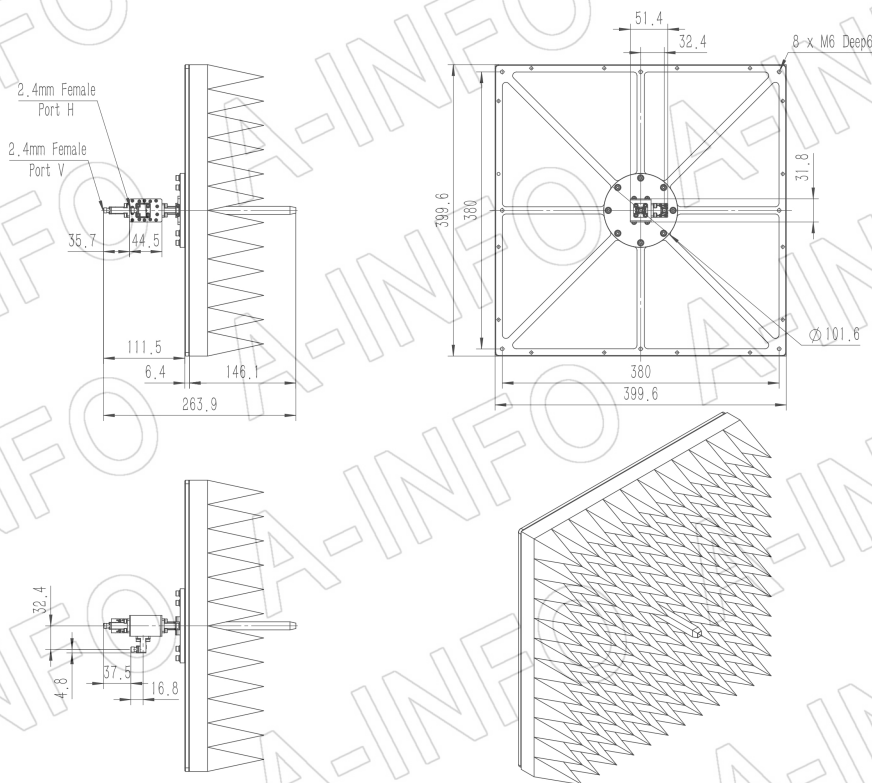
2.4mm-Female Output with L Type Mounting Bracket (Option, P/N: EWG-L30/FRP)

For 2.92mm-Female output outline drawing, please contact A-INFO.



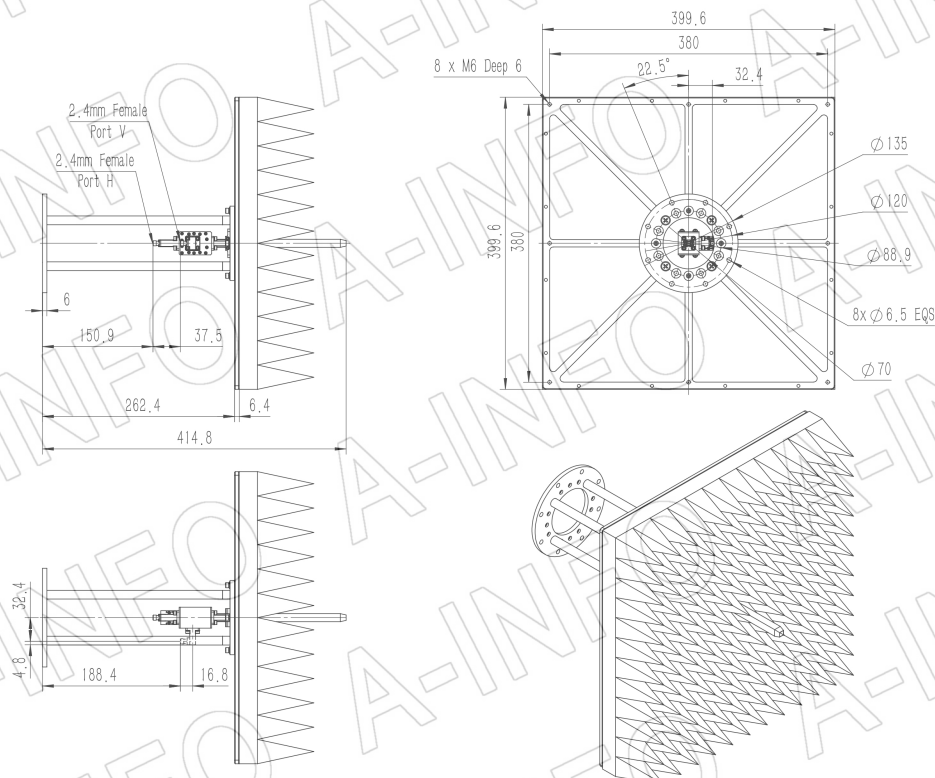
2.4mm-Female Output, Equipped with Absorber (Option, P/N: 28EWG2.4E-T63-A1)

For 2.92mm-Female output outline drawing, please contact A-INFO.



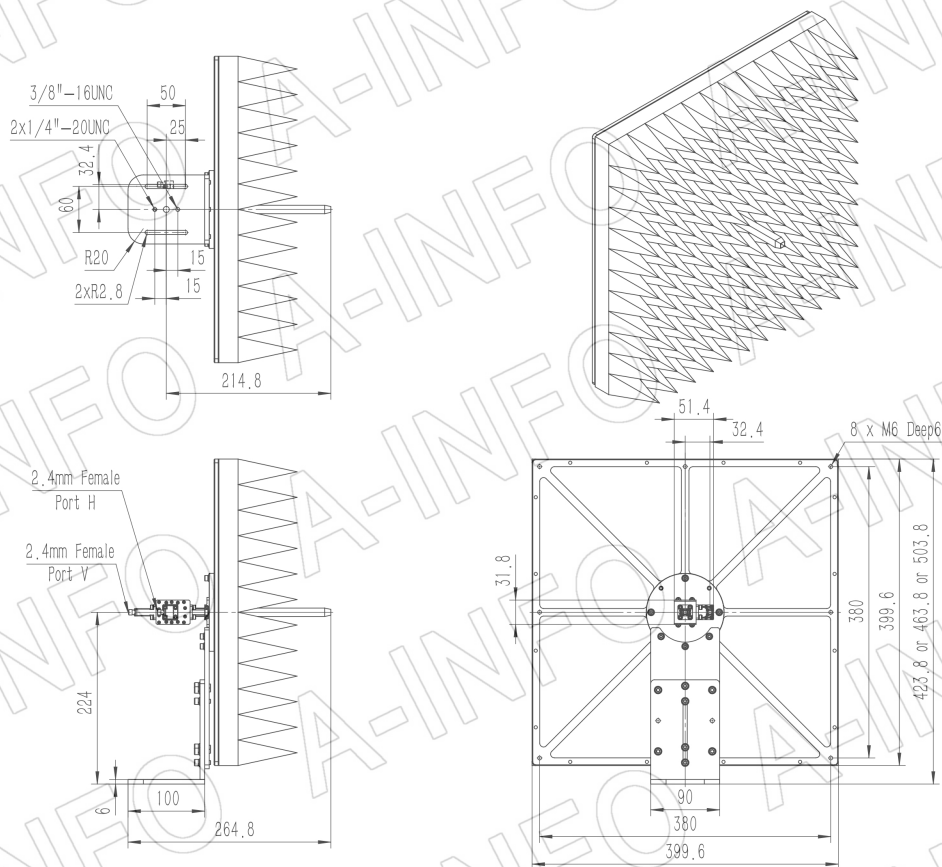
2.4mm-Female Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB40 & 28EWG2.4E-T63-A1)

For 2.92mm-Female output outline drawing, please contact A-INFO.



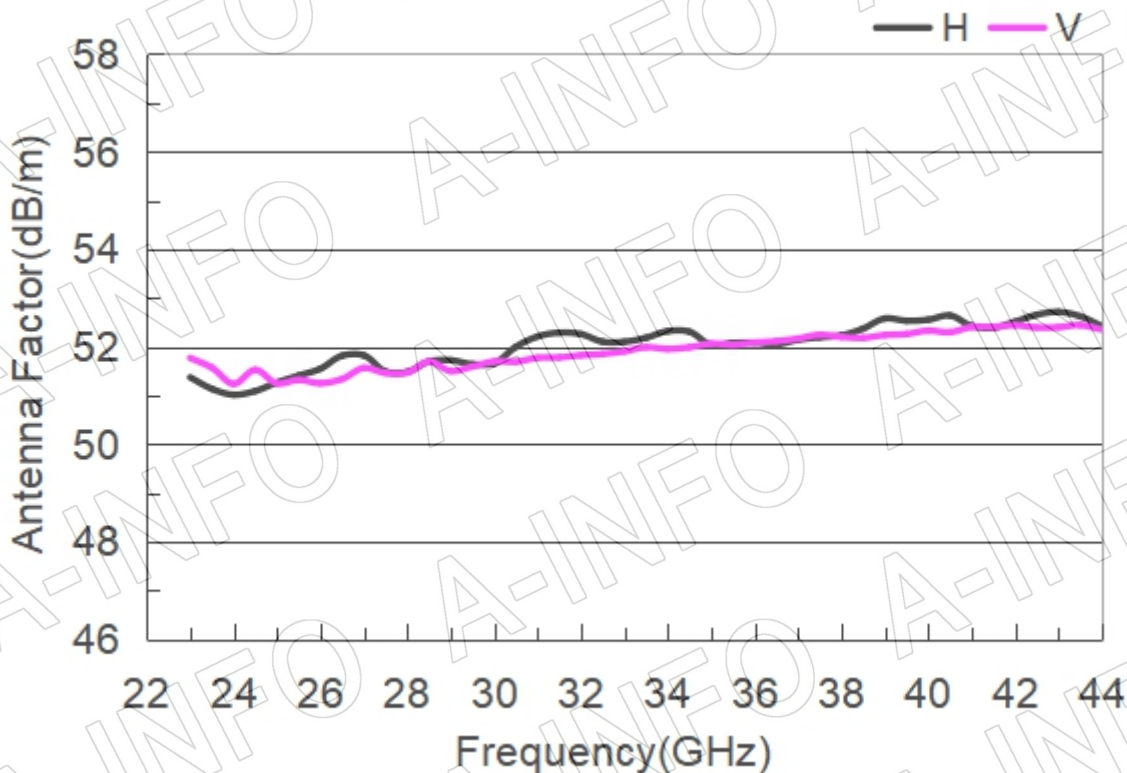
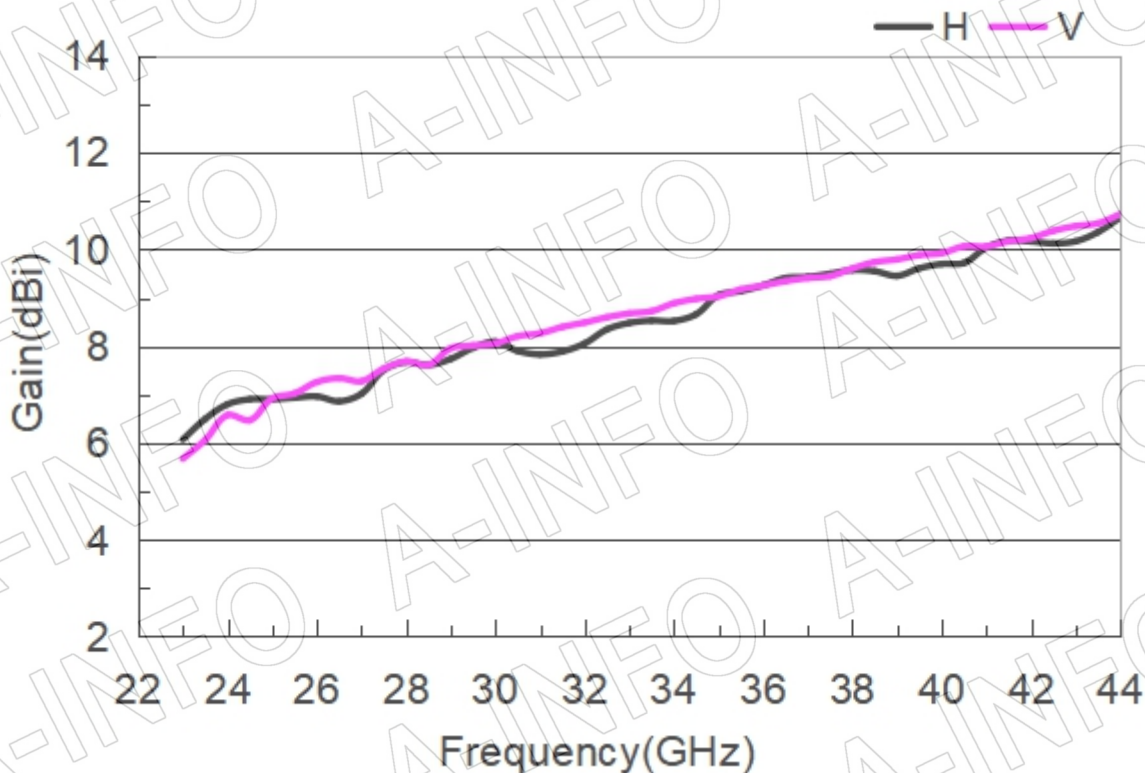
2.4mm-Female Output with L Type Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-L40 & 28EWG2.4E-T63-A1)

For 2.92mm-Female output outline drawing, please contact A-INFO.

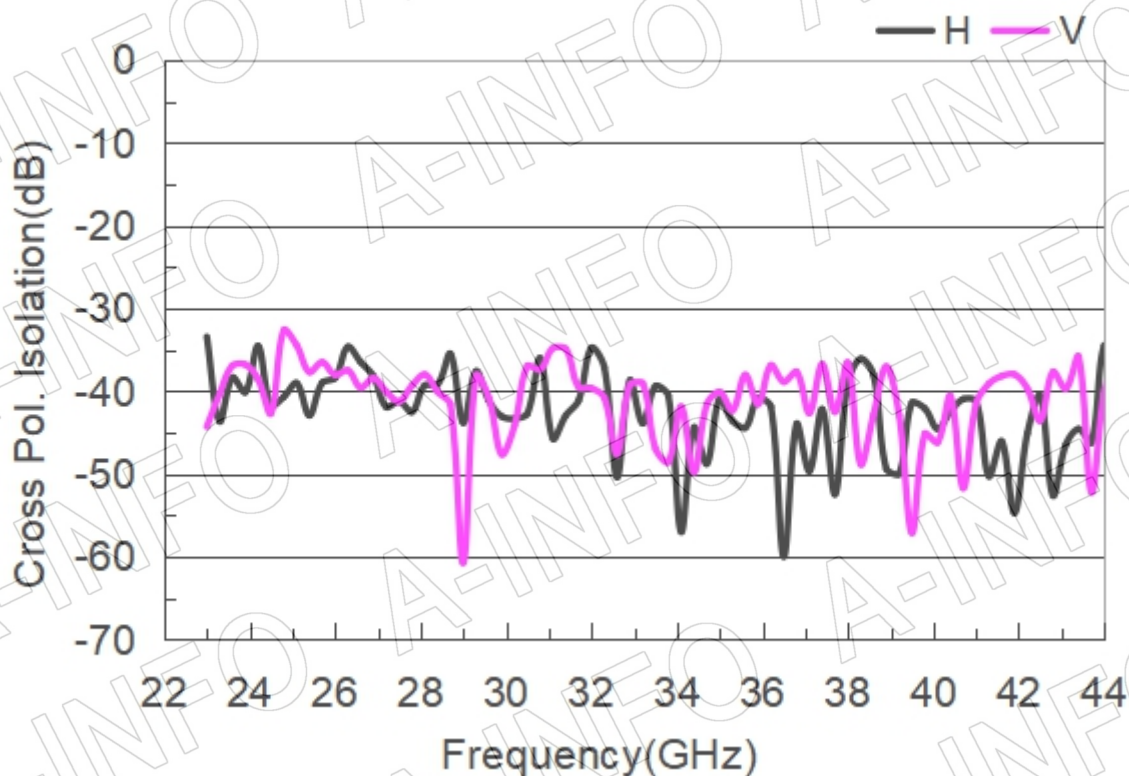


Test Results

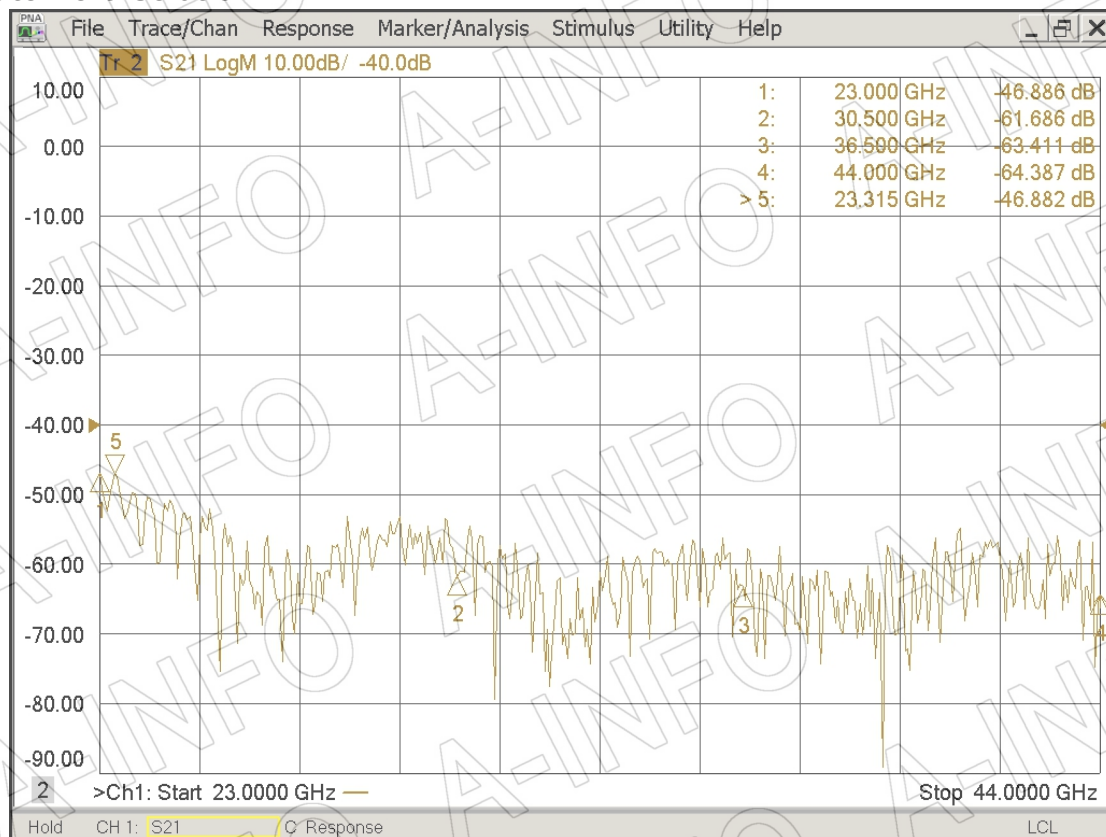
1. Gain & Antenna Factor



2. Cross Polarization Isolation

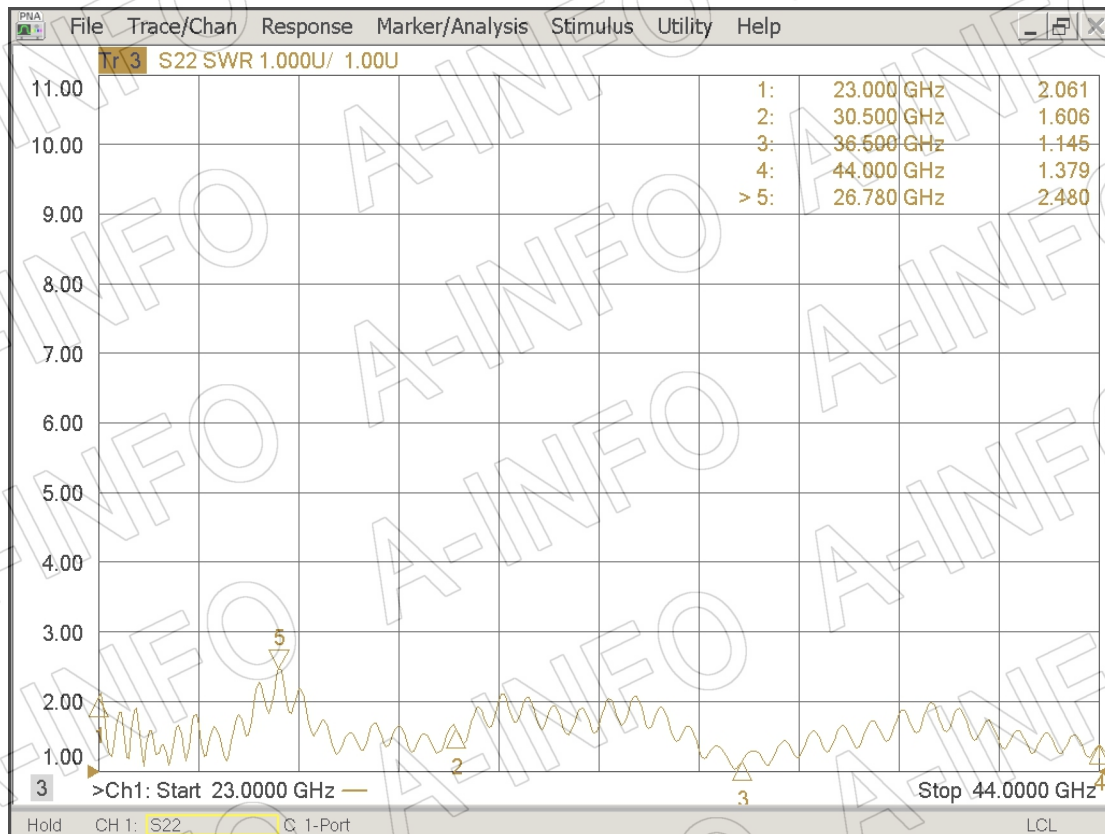


3. Port to Port Isolation

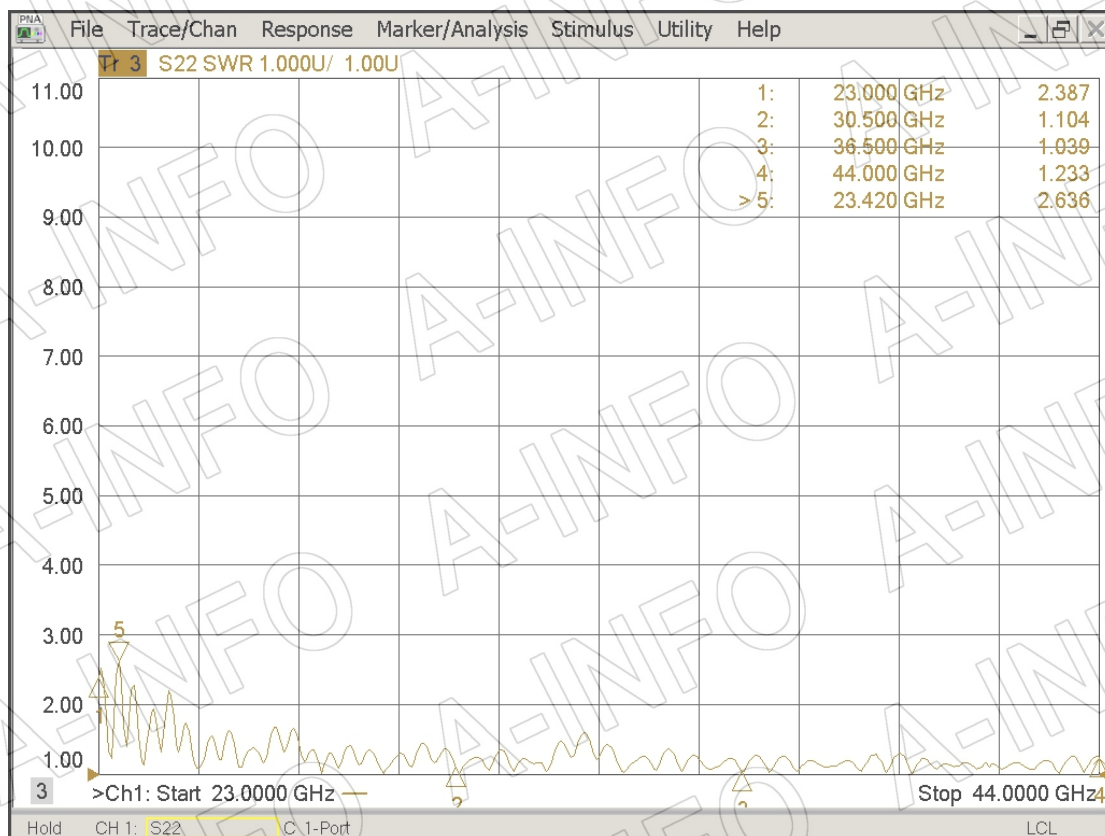


4. VSWR

Port-H



Port-V



5. Pattern

