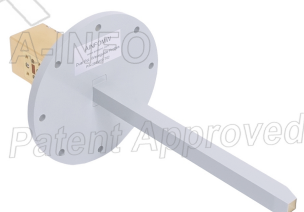


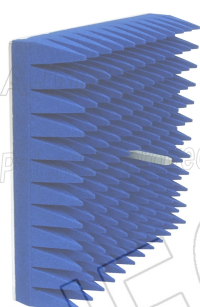
For reference only. See data sheet for the detailed specifications.

Technical Specification

28EWG-T02



28EWG-T02-A1



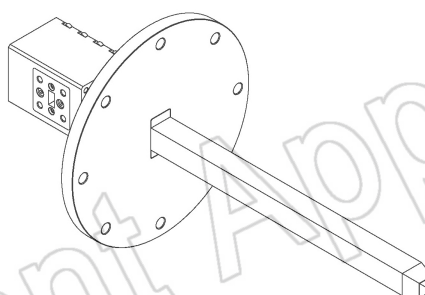
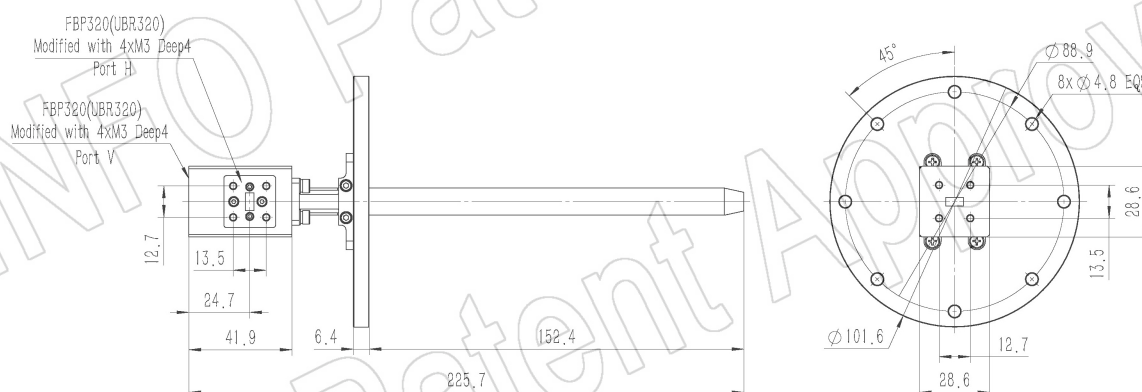
Frequency Range(GHz)	26.5 – 40.0
Waveguide	WR28
Gain(dBi)	8 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 61 Typ.
	H Plane: 66 Typ.
Cross Pol. Isolation(dB)	30 Typ.
Port to Port Isolation(dB)	40 Typ.
VSWR	1.50:1 Typ.
Output	FBP320(UBR320) (Modified with 4xM3 Deep4)
Material	Cu
Finish	Gold Plated, Silver Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	28EWG-T02: 101.6 x 101.6 x 225.7
	28EWG-T02-A1: 399.6 x 399.6 x 225.7
Net Weight(Kg)	28EWG-T02: 0.52 Around
	28EWG-T02-A1: 2.66 Around

PATENT ID (China)

ZL202221065441.6

Outline Drawing (Size: mm)

FBP320 Output(P/N: 28EWG-T02)



AINFO Inc.

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

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

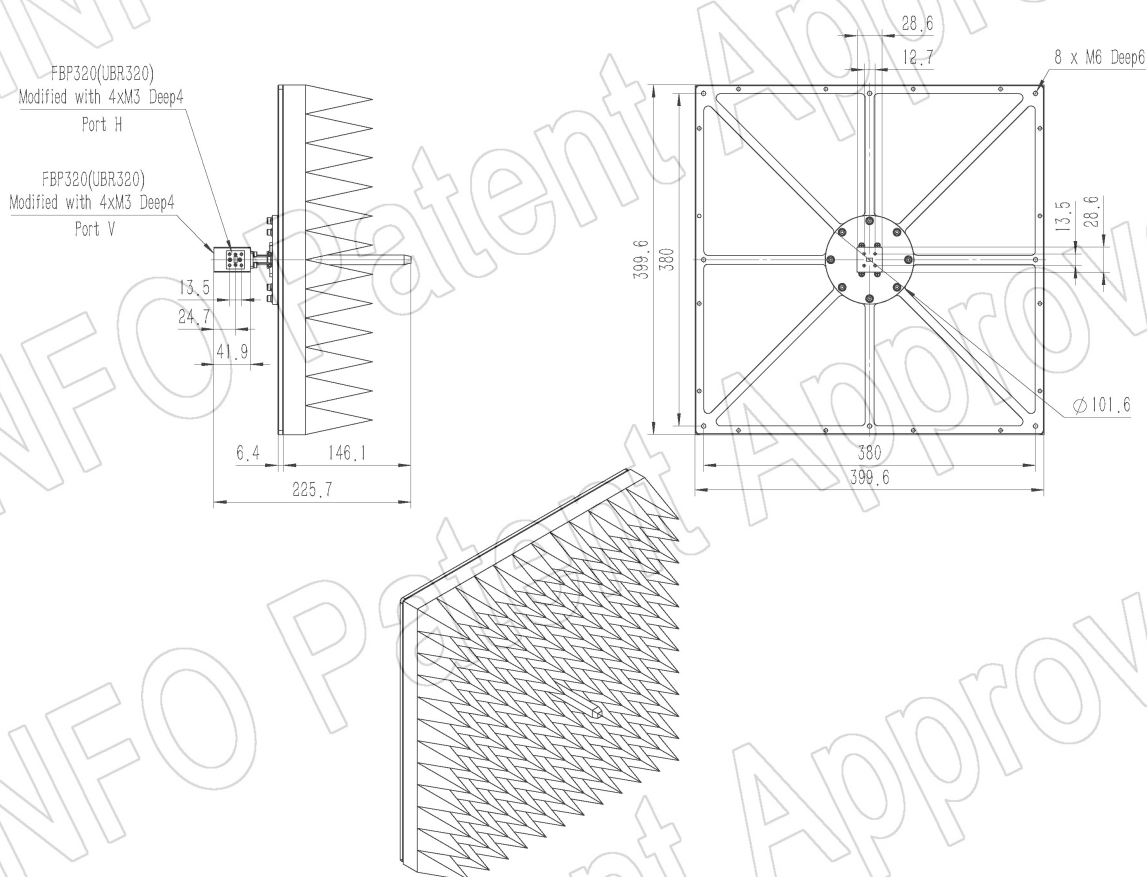
(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

Page 1 of 11

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

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

FBP320 Output, Equipped with Absorber (Option, P/N: 28EWG-T02-A1)



AINFO Inc.

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

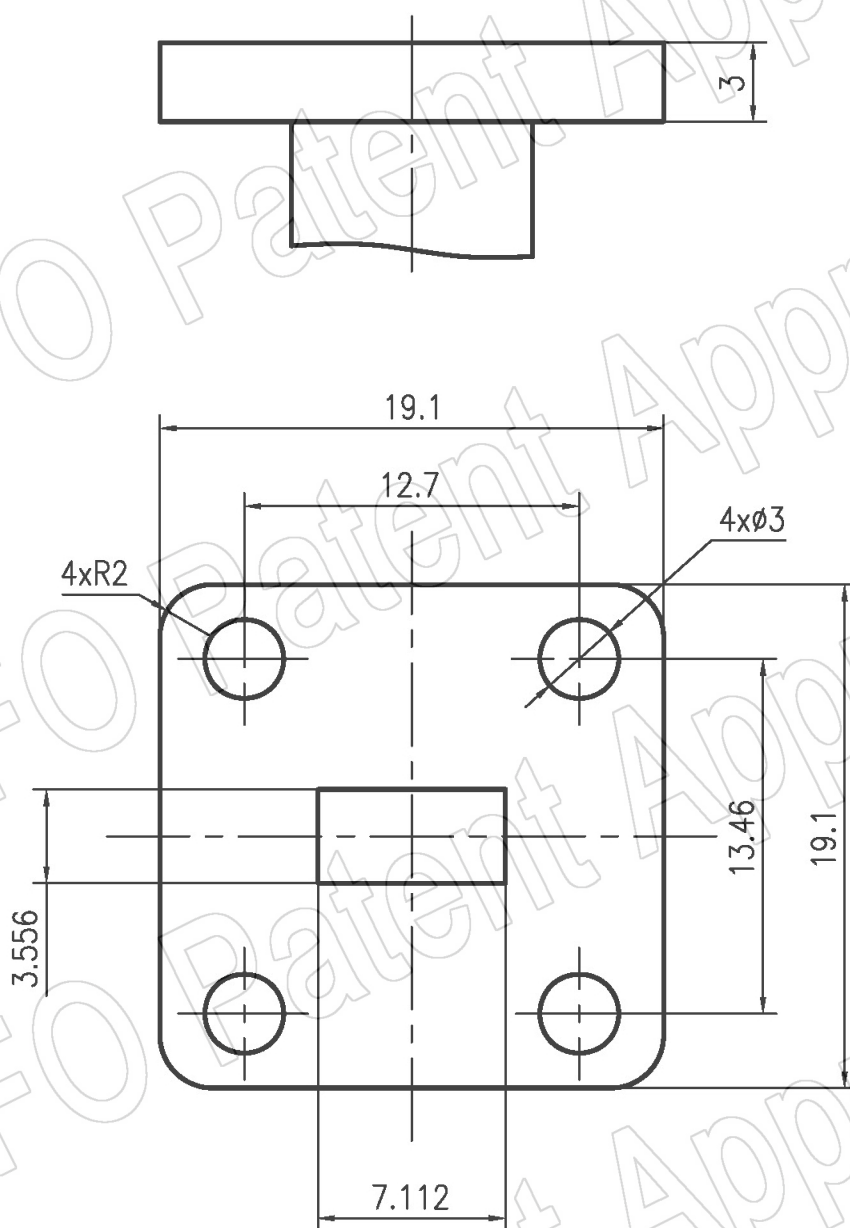
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

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

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

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

Flange Drawing (Size: mm)



FBP320

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

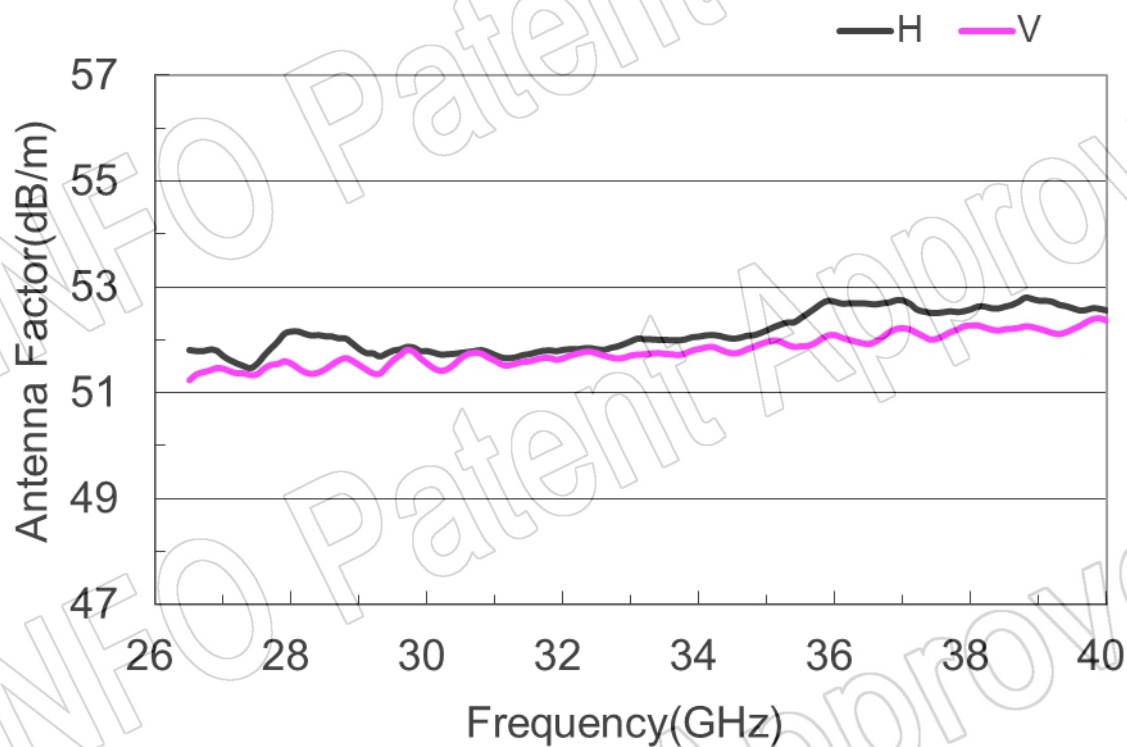
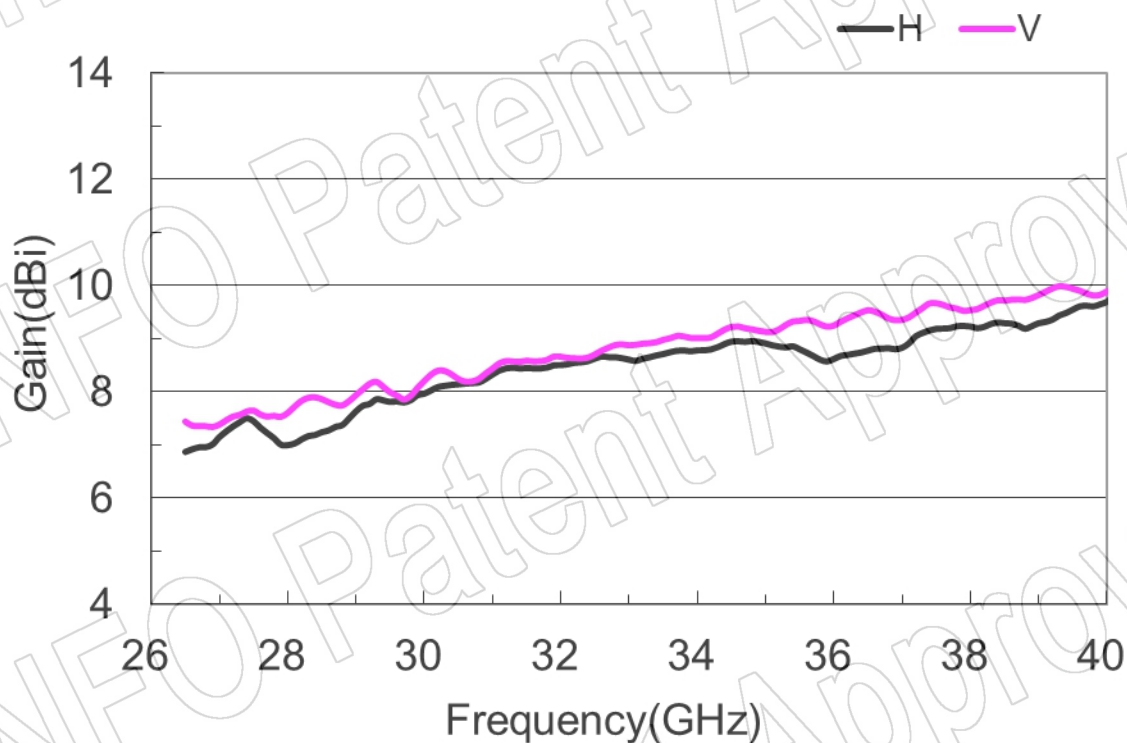
Page 3 of 11

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

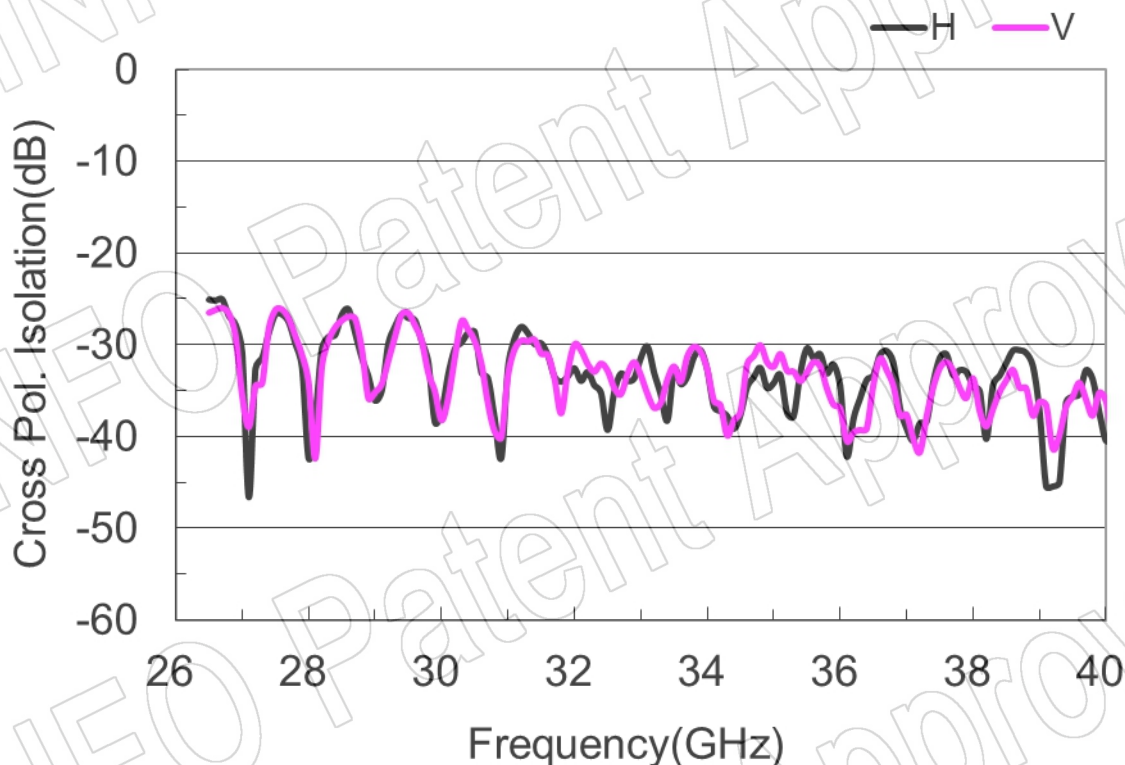
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

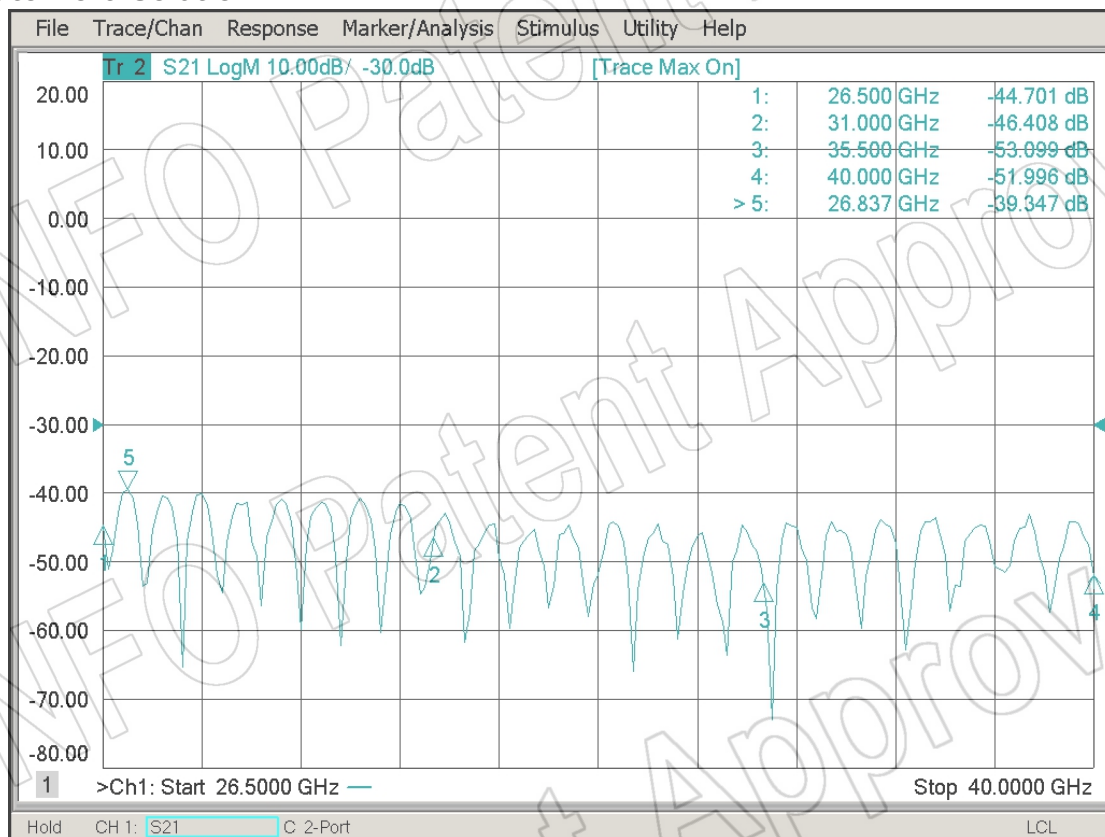
1. Gain & Antenna Factor



2. Cross Polarization Isolation

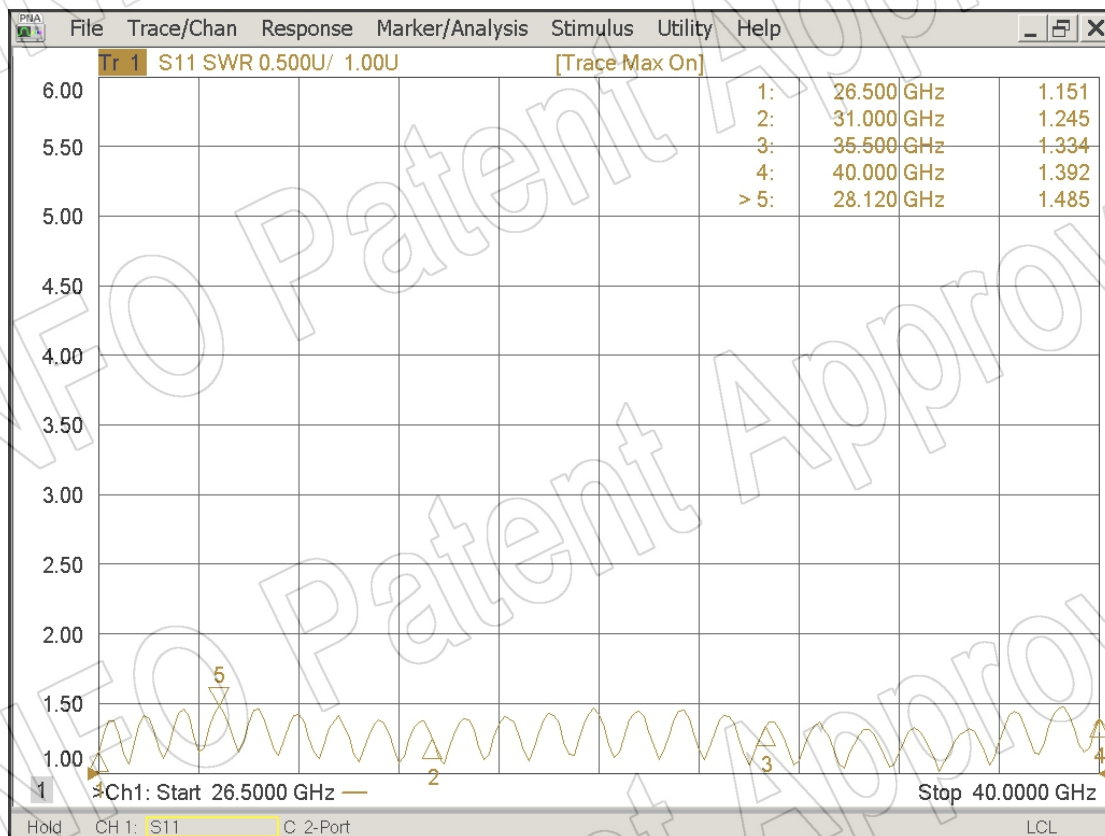


3. Port to Port Isolation

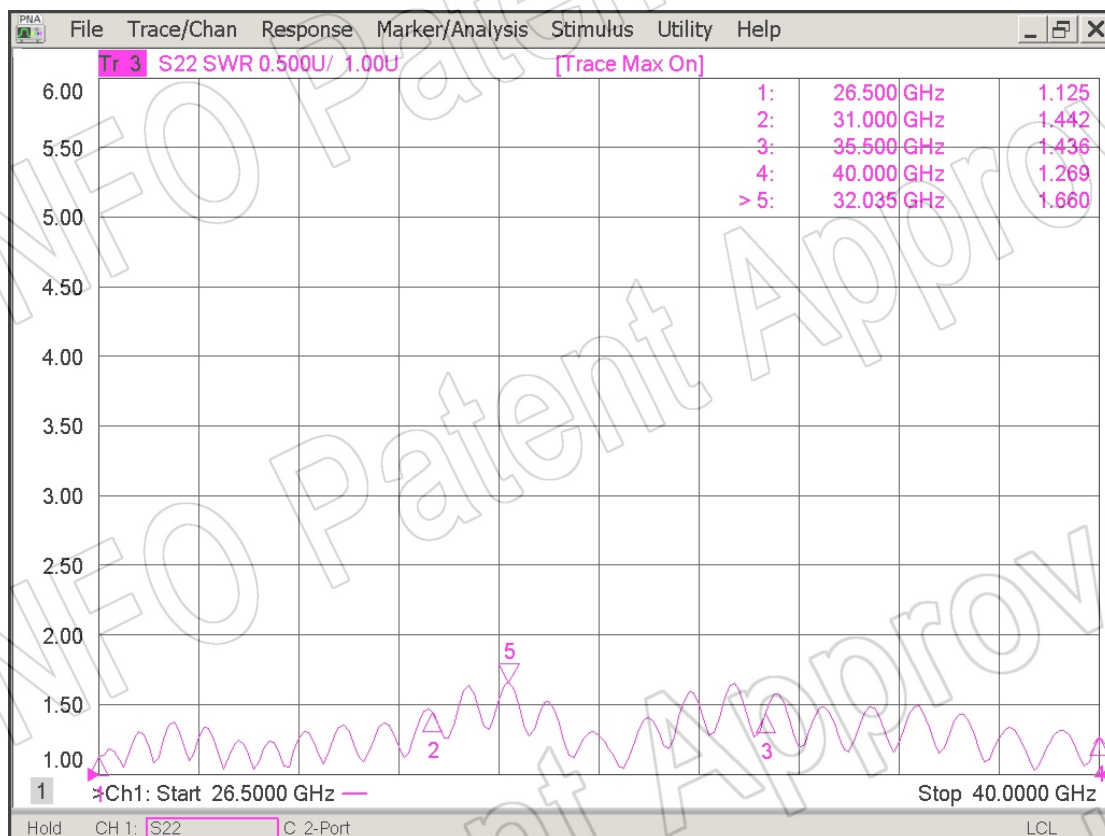


4. VSWR

Port-H



Port-V



5. Pattern

