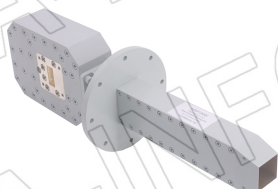


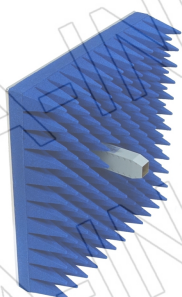
For reference only. See data sheet for the detailed specifications.

Technical Specification

90EWG-T02



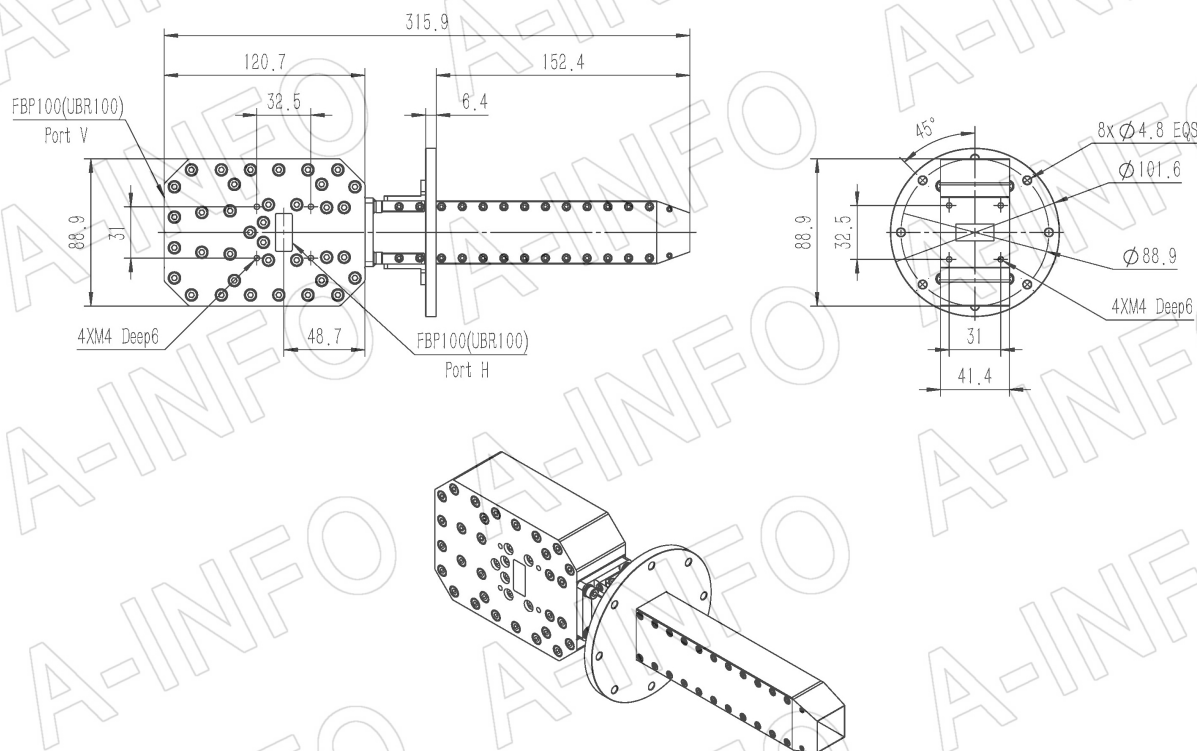
90EWG-T02-A1



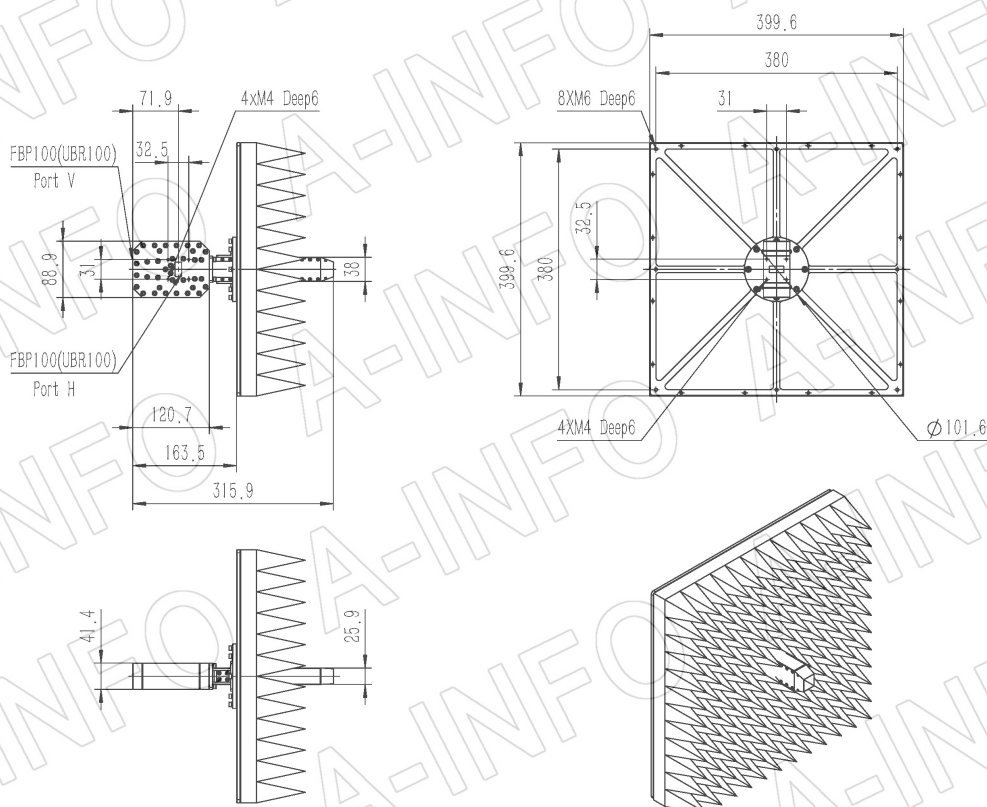
Frequency Range(GHz)	8.2 – 12.4
Waveguide	WR90
Gain(dBi)	8 Typ.
Polarization	Dual Linear
3dB Beamwidth(deg)	E Plane: 60 Typ.
	H Plane: 65 Typ.
Cross Pol. Isolation(dB)	35 Typ.
Port to Port Isolation(dB)	50 Typ.
VSWR	1.40:1 Typ.
Output	FBP100(UBR100)
Material	Al
Finish	Silver Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	90EWG-T02: 101.6 x 101.6 x 315.9
	90EWG-T02-A1: 399.6 x 399.6 x 315.9
Net Weight(Kg)	90EWG-T02: 1.41 Around
	90EWG-T02-A1: 3.54 Around

Outline Drawing (Size: mm)

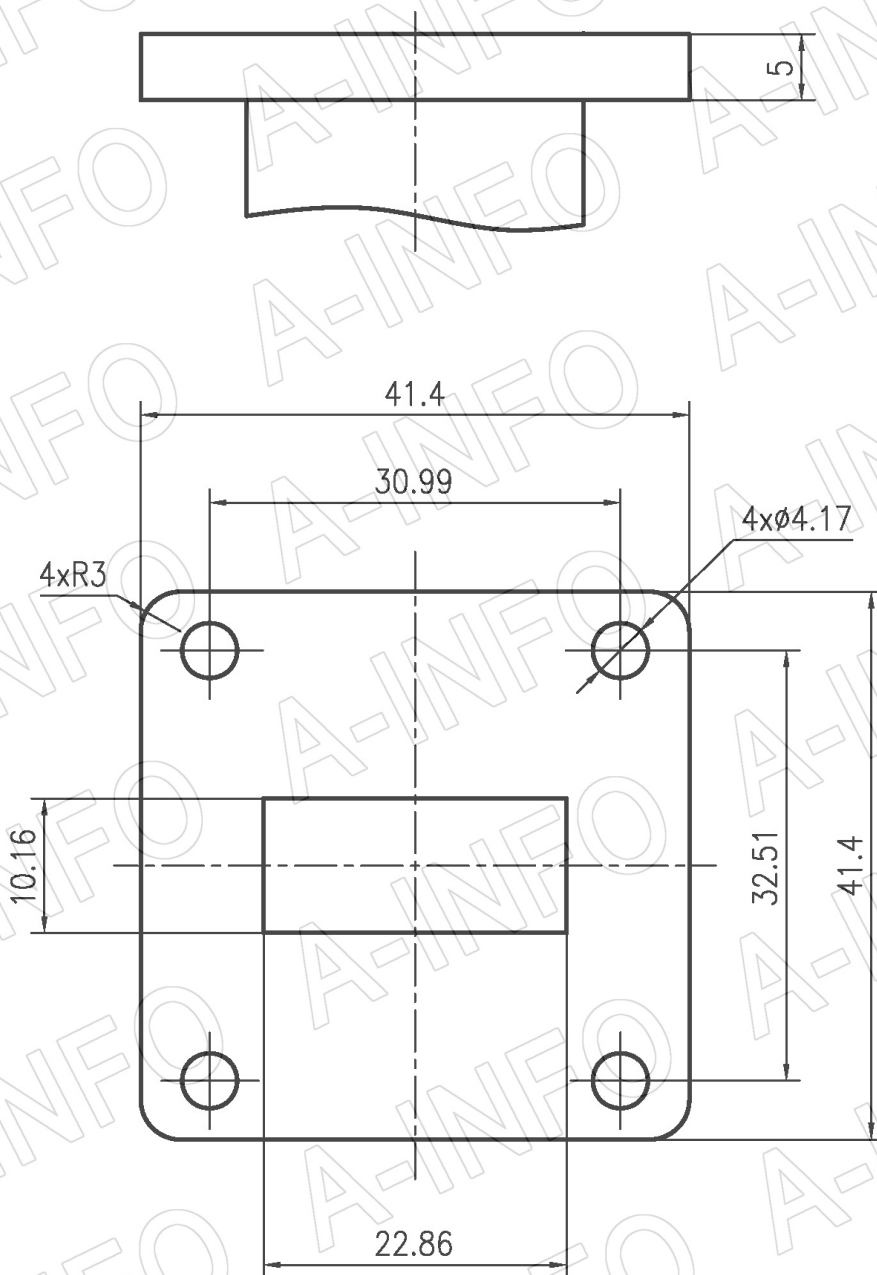
FBP100 Output(P/N: 90EWG-T02)



FBP100 Output, Equipped with Absorber (Option, P/N: 90EWG-T02-A1)



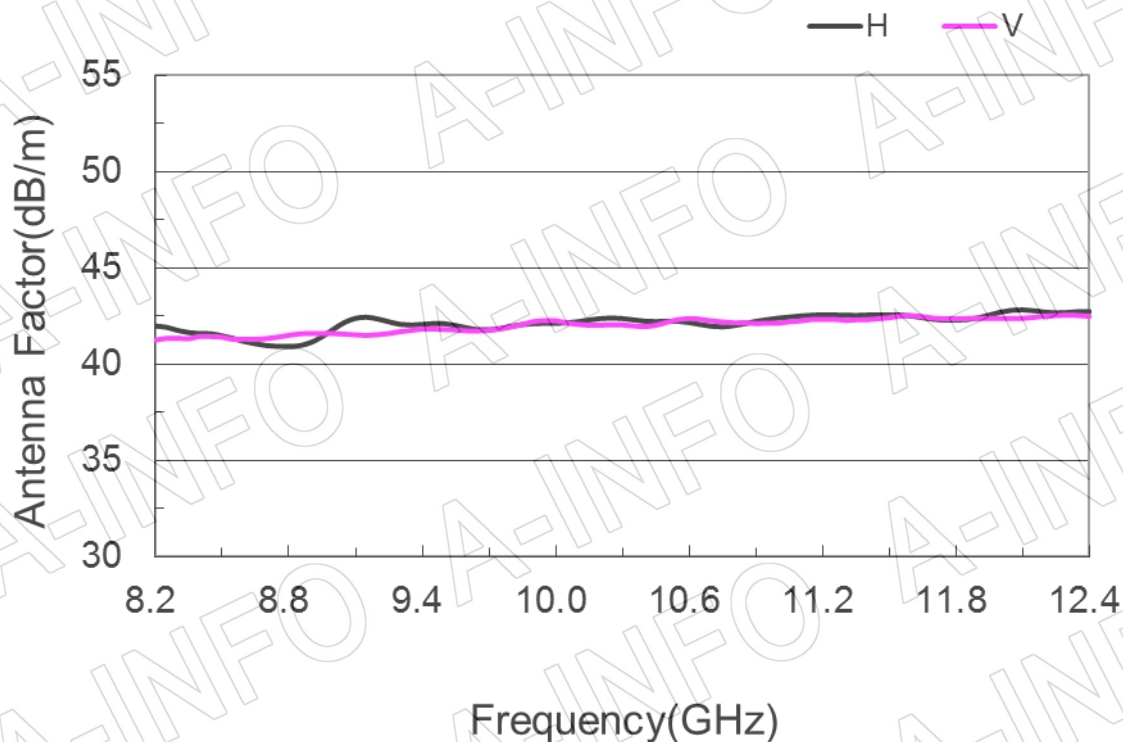
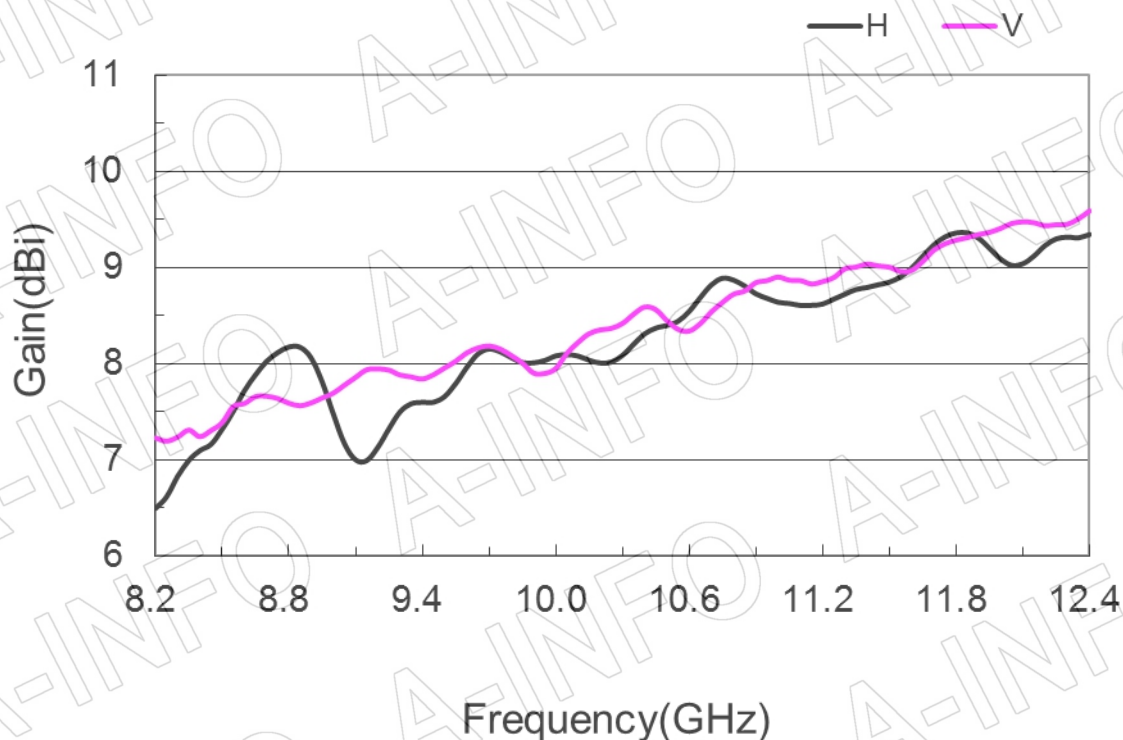
Flange Drawing (Size: mm)



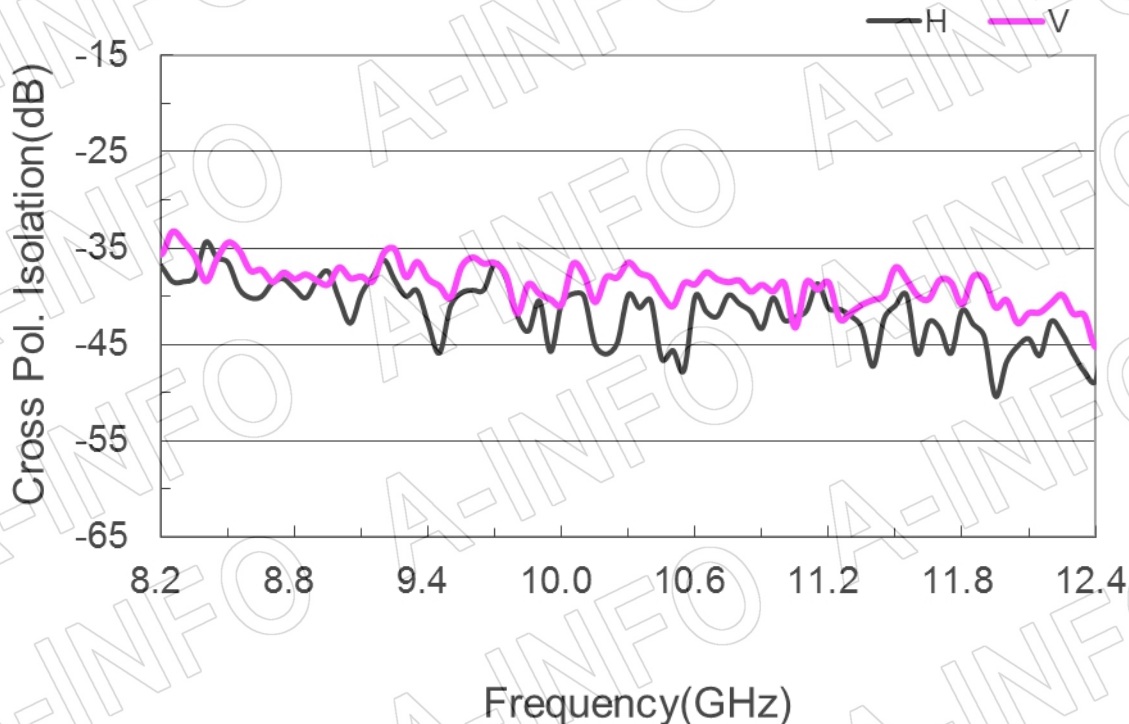
FBP100

Test Results

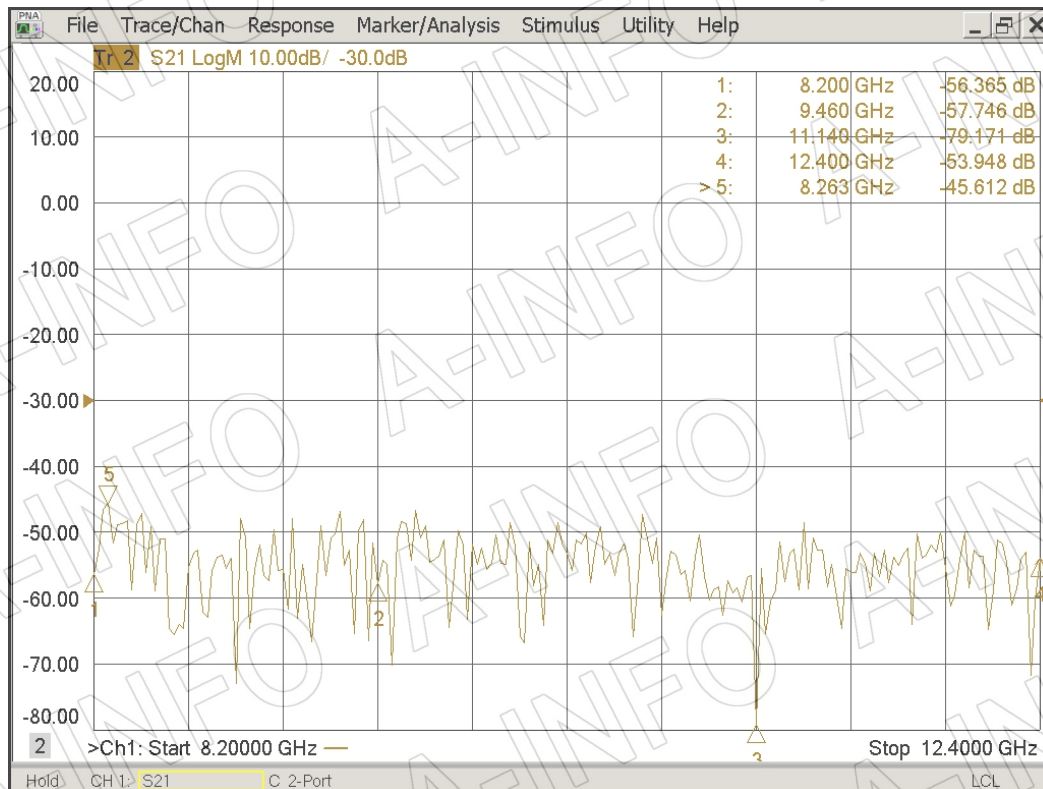
1. Gain & Antenna Factor



2. Cross Polarization Isolation

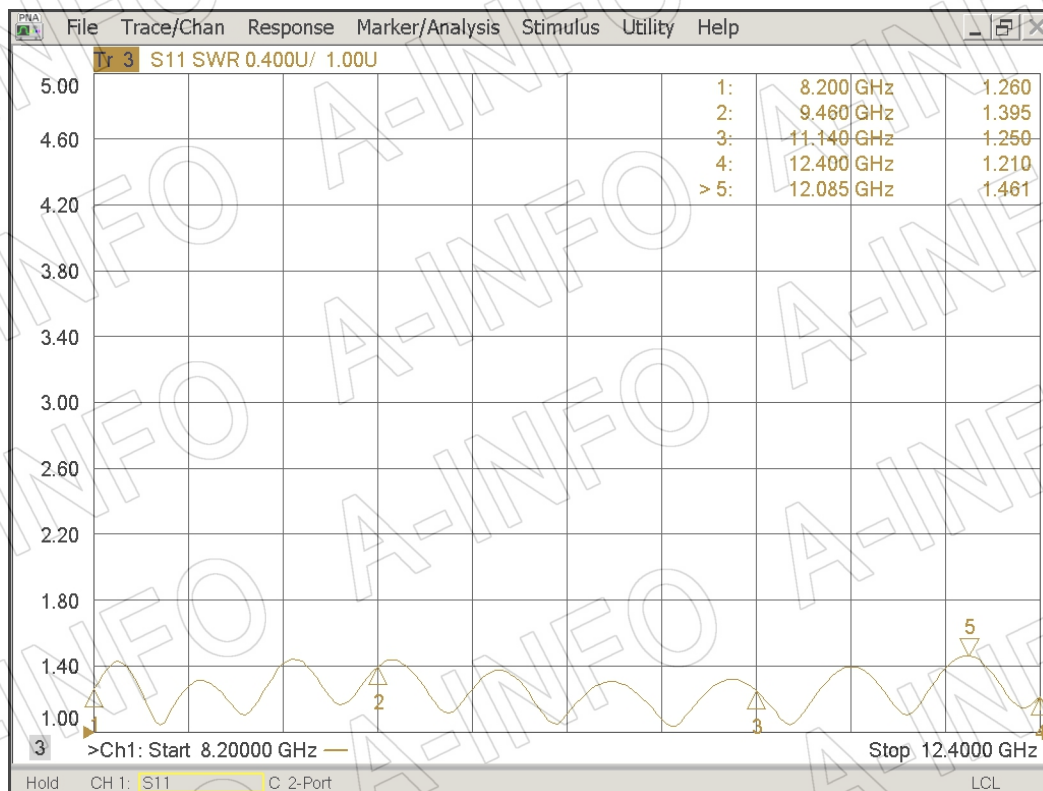


3. Port to Port Isolation

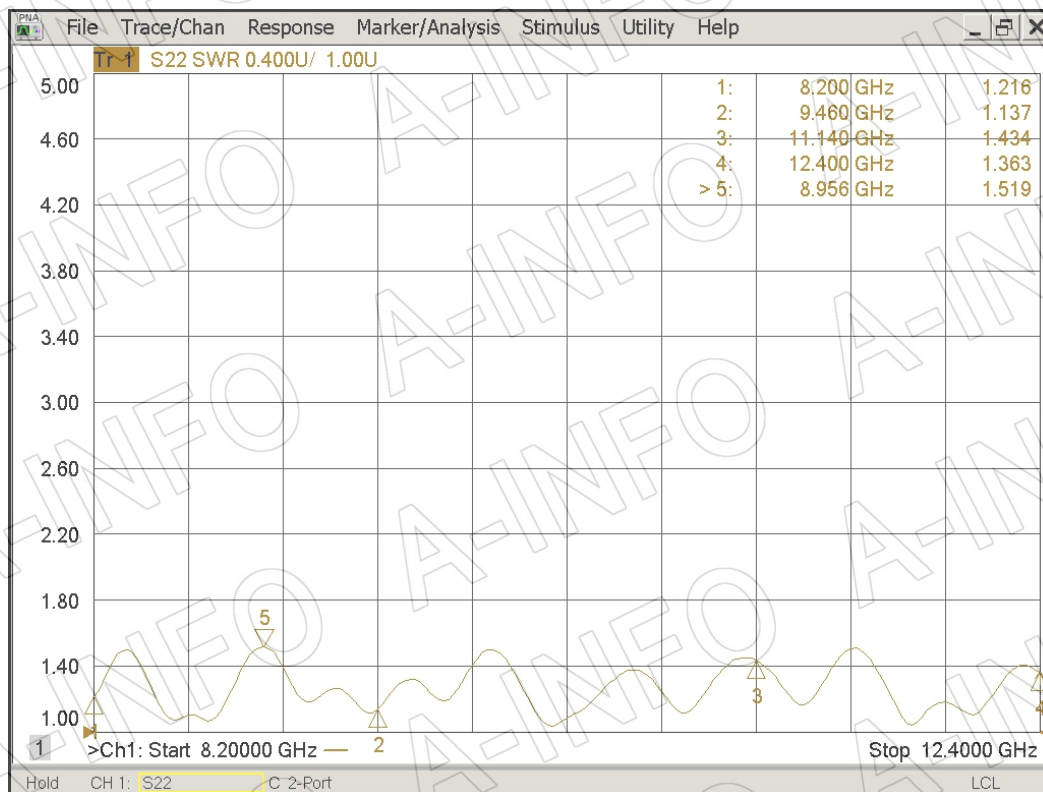


4. VSWR

Port-H



Port-V



5. Pattern

