

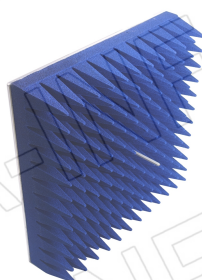
For reference only. See data sheet for the detailed specifications.

Technical Specification

19EWG



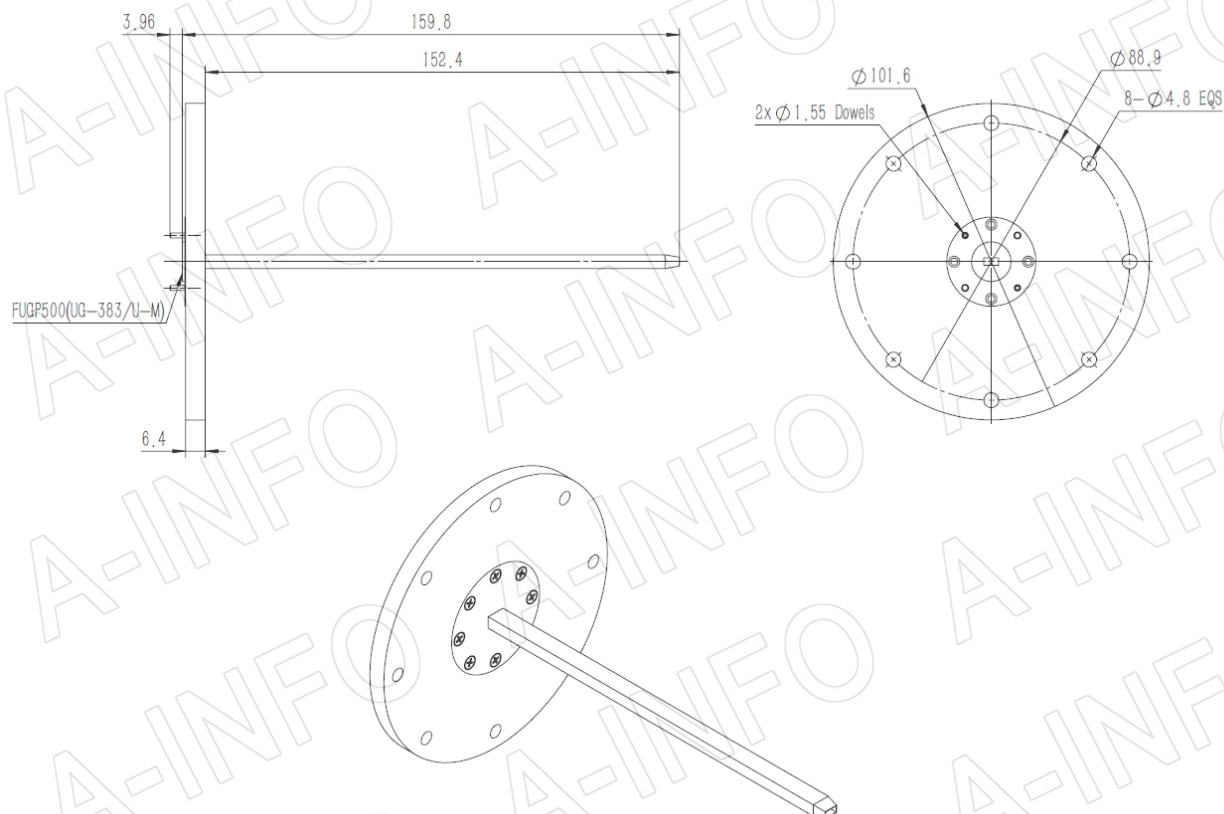
19EWG-A1



Frequency Range(GHz)	40.0 – 60.0
Waveguide	WR19
Gain(dBi)	6 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 89 Typ.
	H Plane: 70 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	1.50:1 Typ.
Output	FUGP500(UG-383/U-M)
Material	Cu
Finish	Gold Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	19EWG: 101.6 x 101.6 x 159.8
	19EWG-A1: 399.6 x 399.6 x 159.8
Net Weight(Kg)	19EWG: 0.20 Around
	19EWG-A1: 2.45 Around

Outline Drawing (Size: mm)

FUGP500 Output (P/N:19EWG)



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China(Chengdu):
USA :

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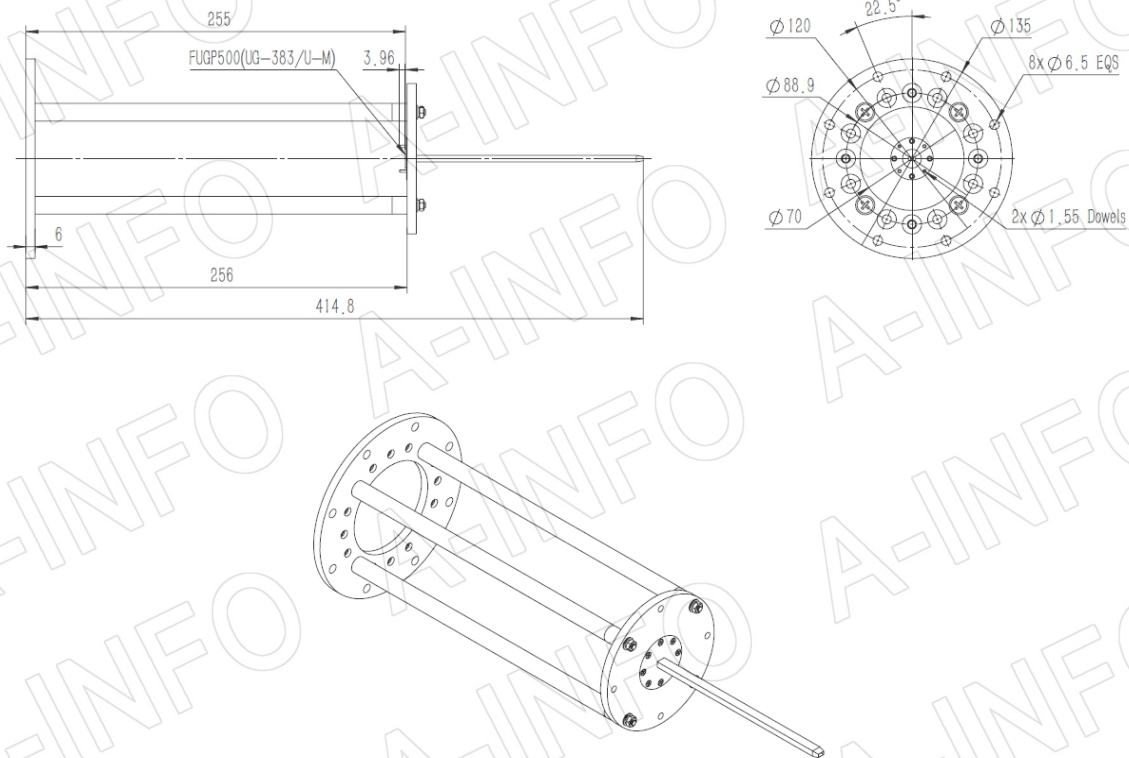
(+86) 10-6266-7327
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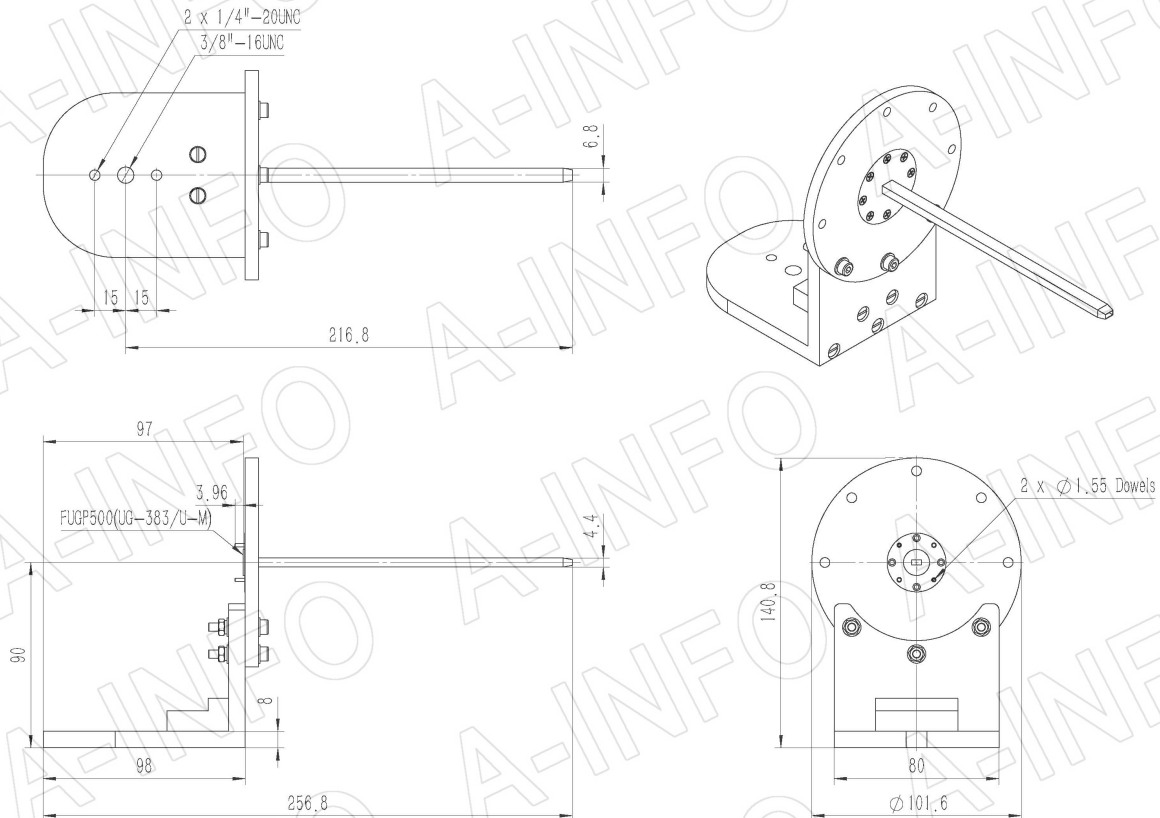
Fax: (+86) 10-6266-7379
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

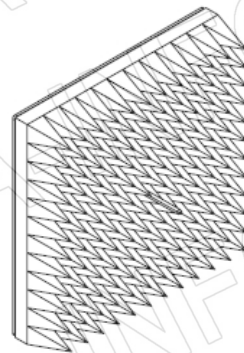
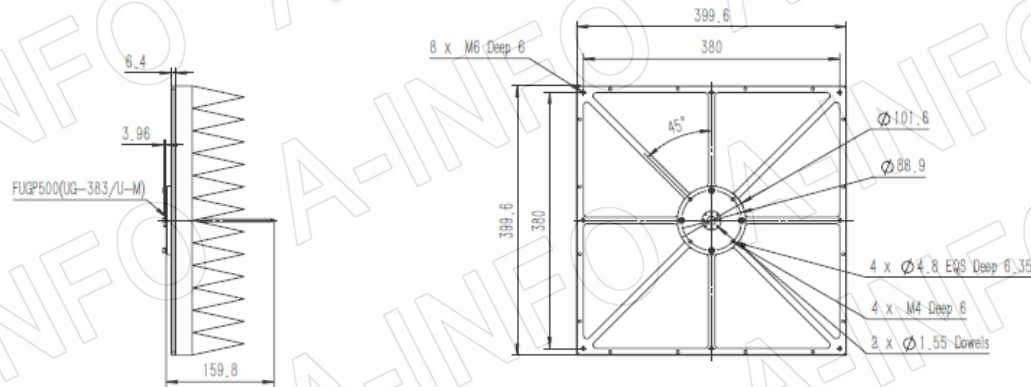
FUGP500 Output with Round Mounting Bracket (Option, P/N: EWG-MB40)



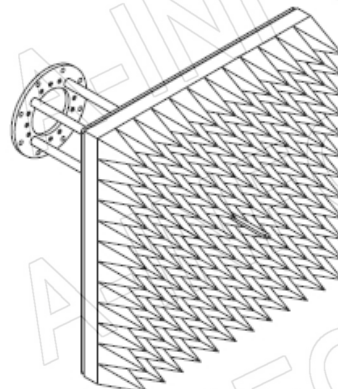
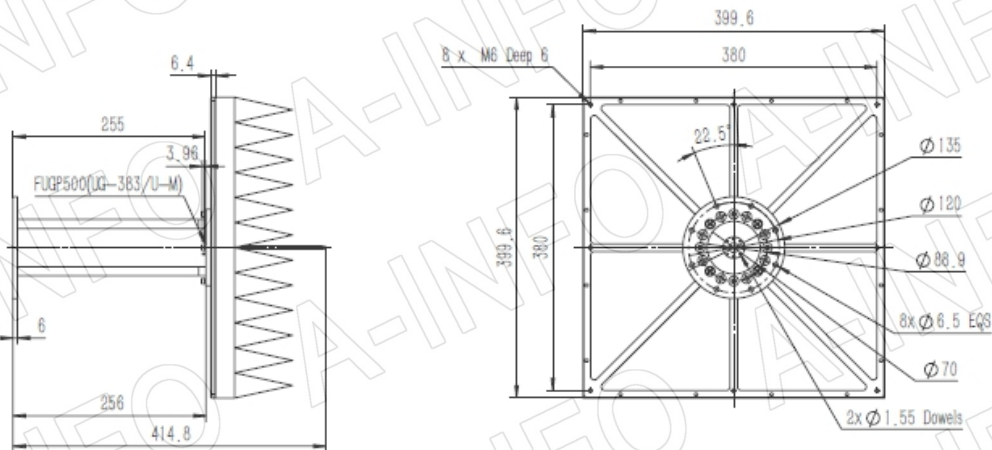
FUGP500 Output with L Type Mounting Bracket (Option, P/N: EWG-L30/FRP)



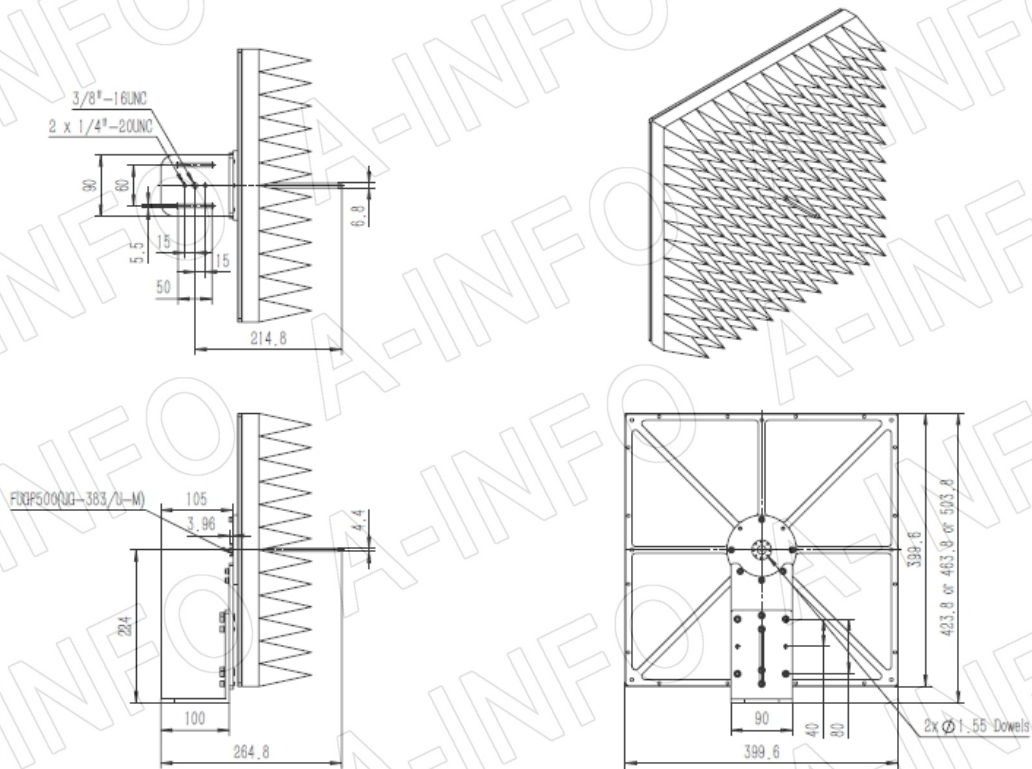
FUGP500 Output, Equipped with Absorber (Option, P/N: 19EWG-A1)



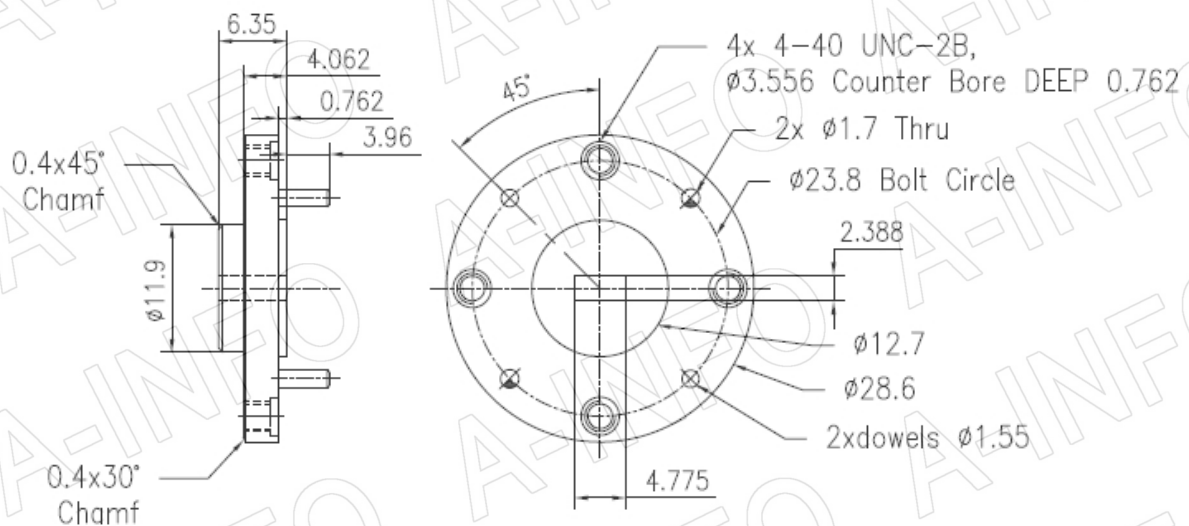
FUGP500 Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB40 & 19EWG-A1)



FUGP500 Output with L Type Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-L40 & 19EWG-A1)



Flange Drawing (Size: mm)



FUGP500
(equivalent to UG-383/U-M)

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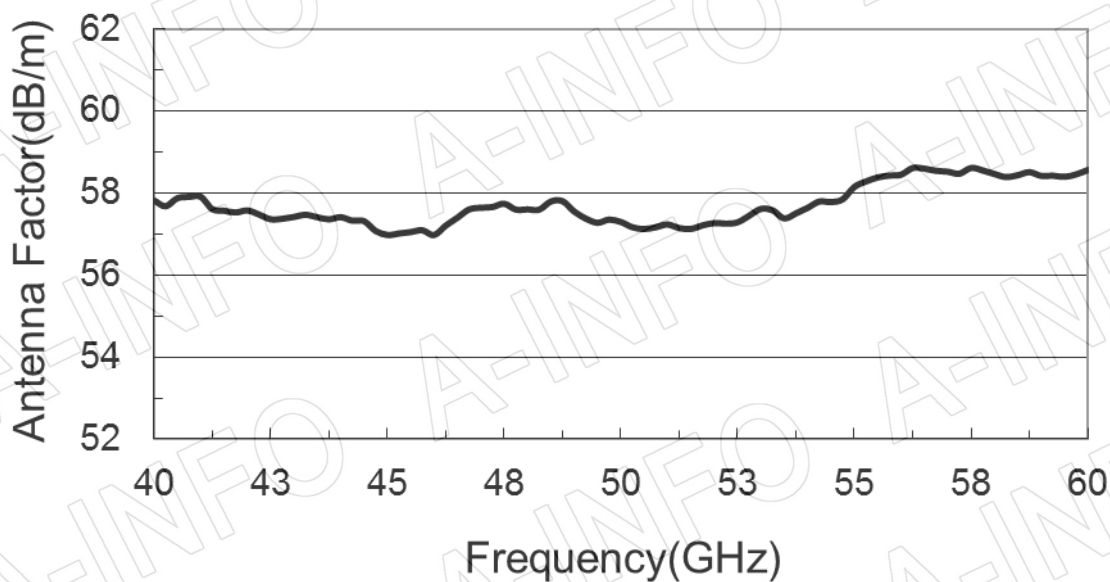
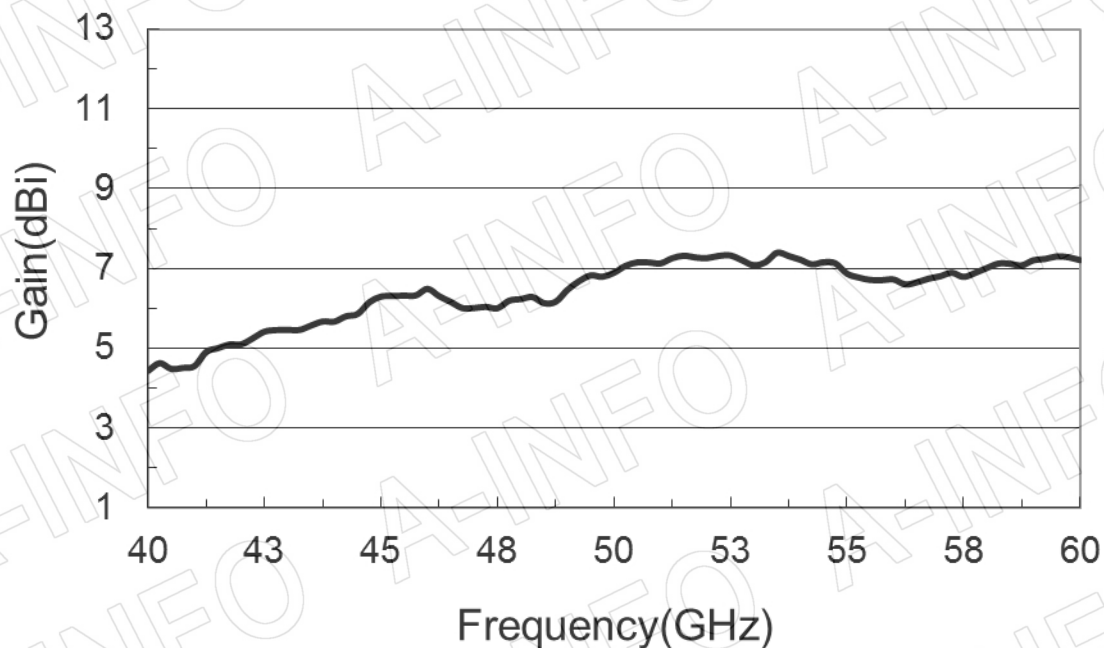
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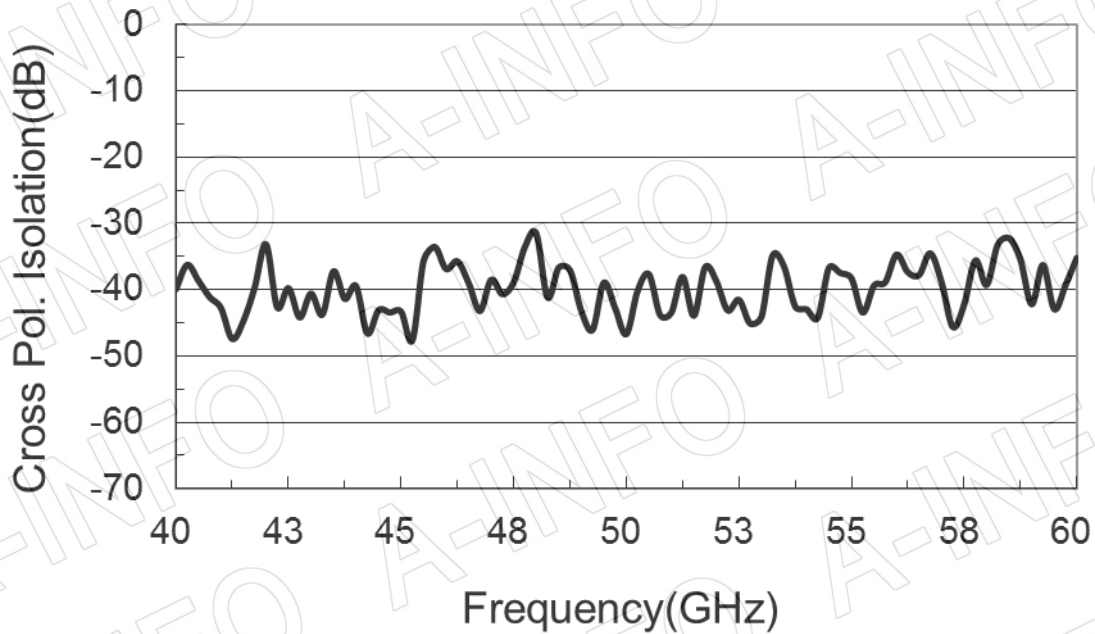
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Test Results

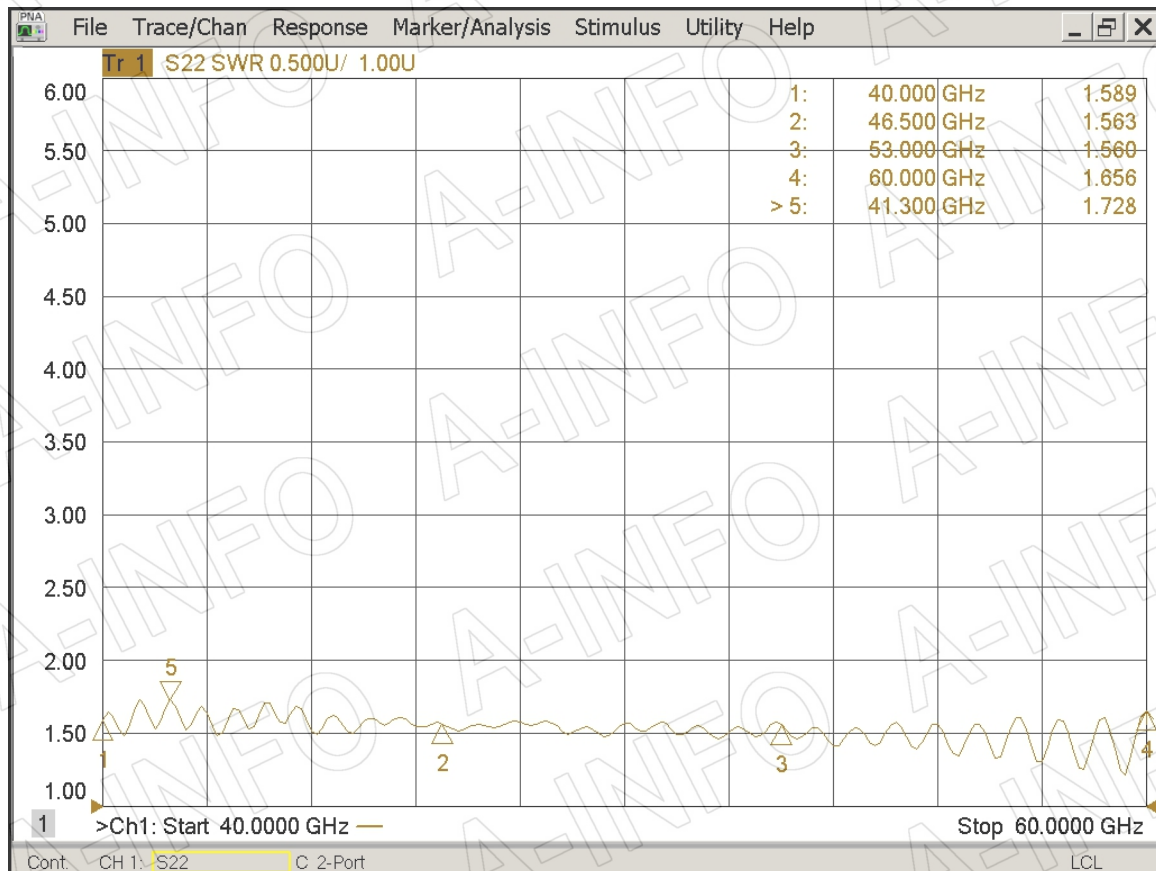
1. Gain & Antenna Factor



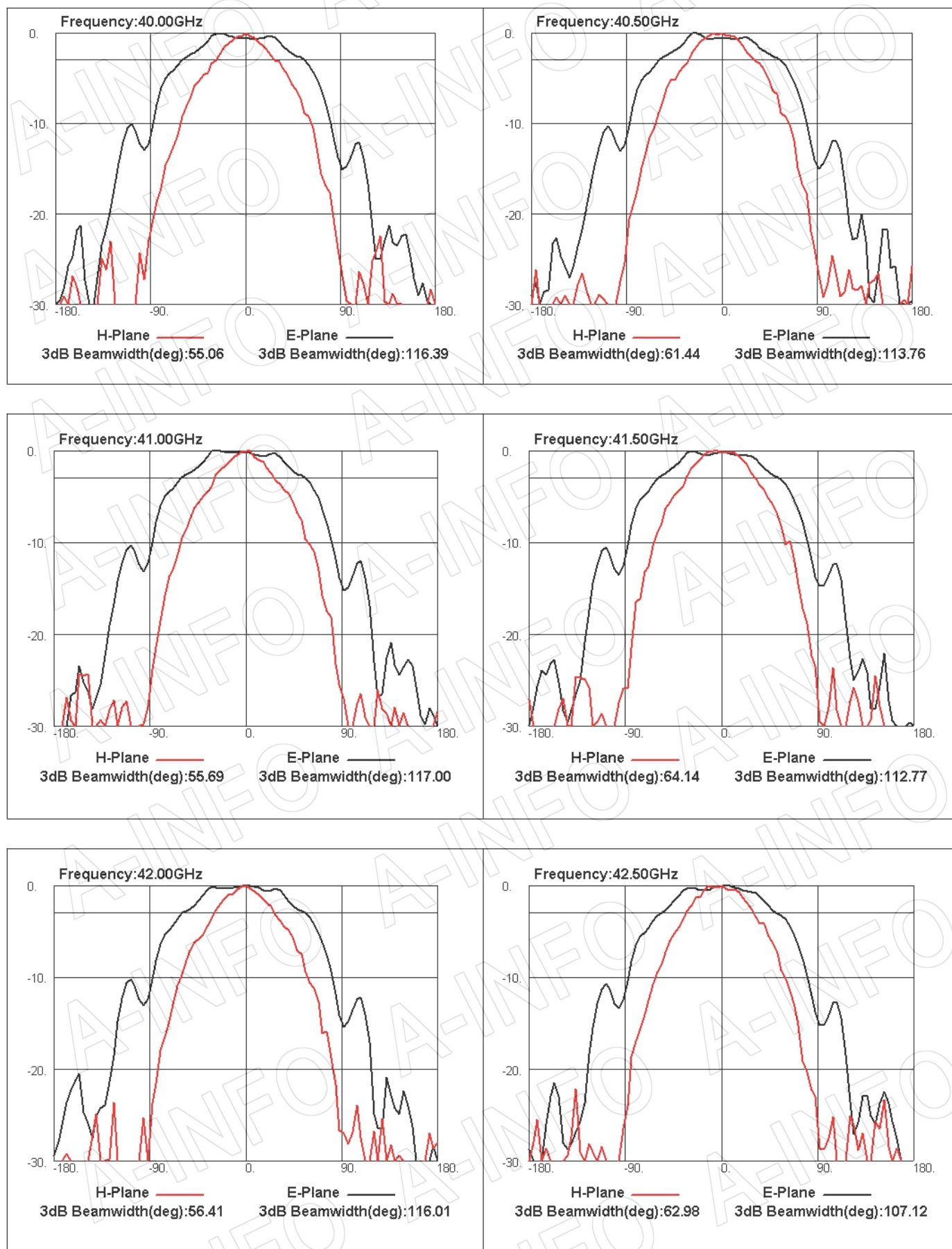
2. Cross Polarization Isolation



3. VSWR



4. Pattern



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