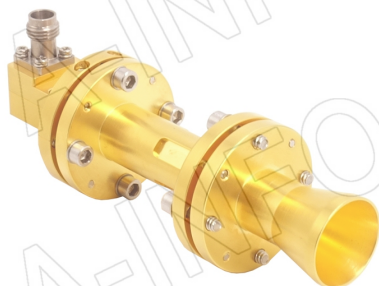


For reference only. See data sheet for the detailed specifications.

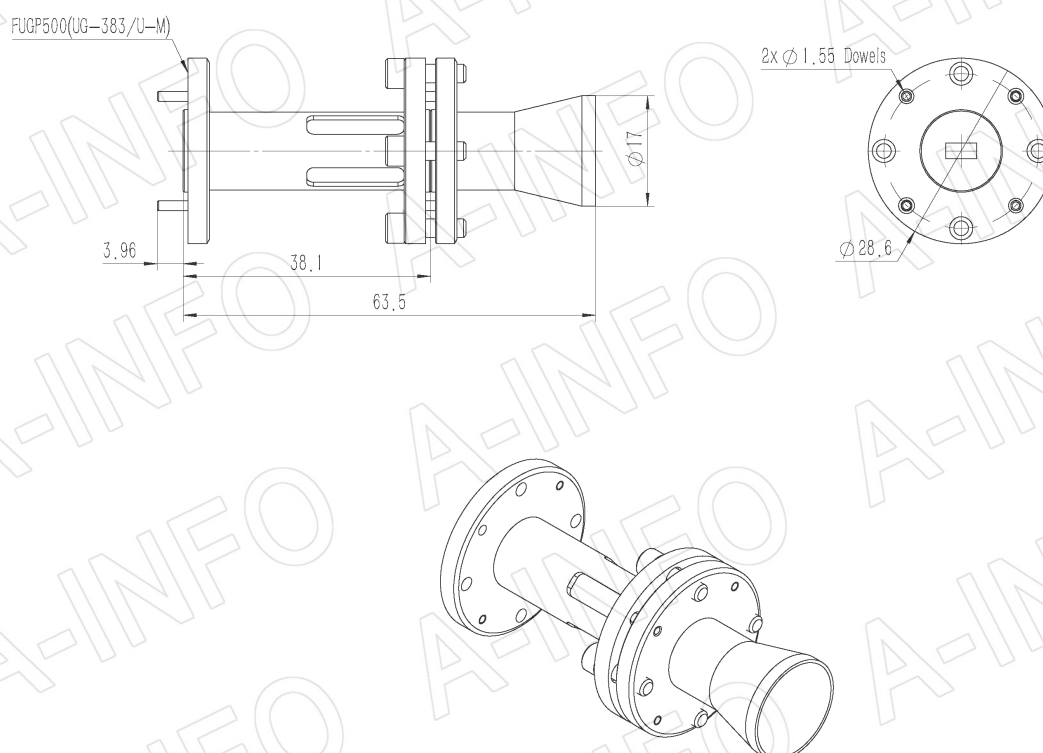
Technical Specification



Frequency Range(GHz)	A Type, WG output:	40.0 – 60.0
	C Type, 1.85mm-F:	40.0 – 60.0
	C Type, 2.4mm-F:	40.0 – 50.0
Waveguide	WR19	
Gain(dBi)	15 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E Plane:	23 Typ.
	H Plane:	28 Typ.
Cross Pol. Isolation(dB)	45 Typ.	
VSWR	A Type:	1.20:1 Max.
	C Type:	1.50:1 Max.
Output	A Type:	FUGP500(UG-383/U-M)
	C Type:	1.85mm-Female or 2.4mm-Female
Material	Cu	
Finish	Gold Plated	
Size(mm)	A Type:	28.6 x 28.6 x 63.5
	C Type:	28.6 x 31.3 x 89.5
Net Weight(Kg)	A Type:	0.09 Around
	C Type:	0.13 Around

Outline Drawing (Size: mm)

FUGP500 Output (P/N: LB-CN19-15-A)



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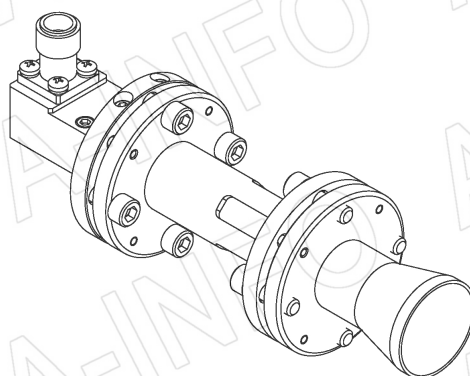
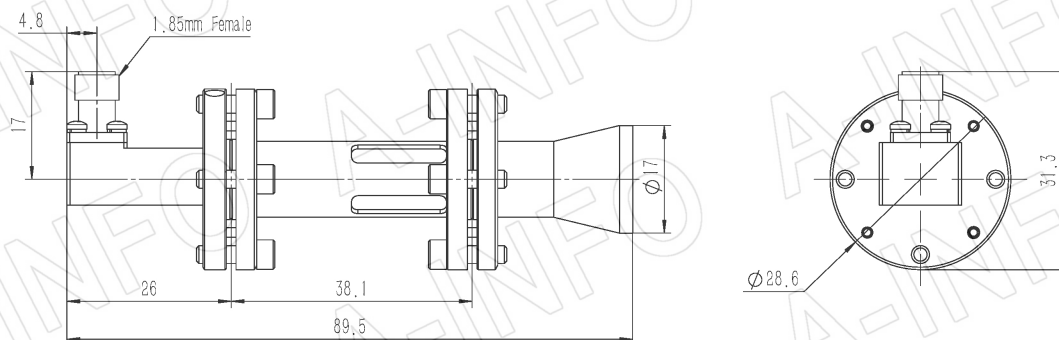
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

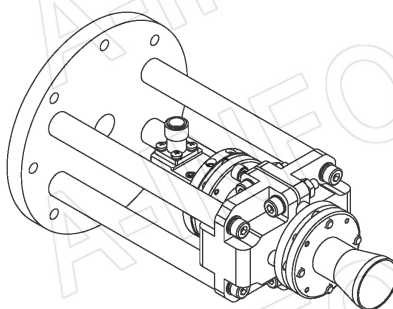
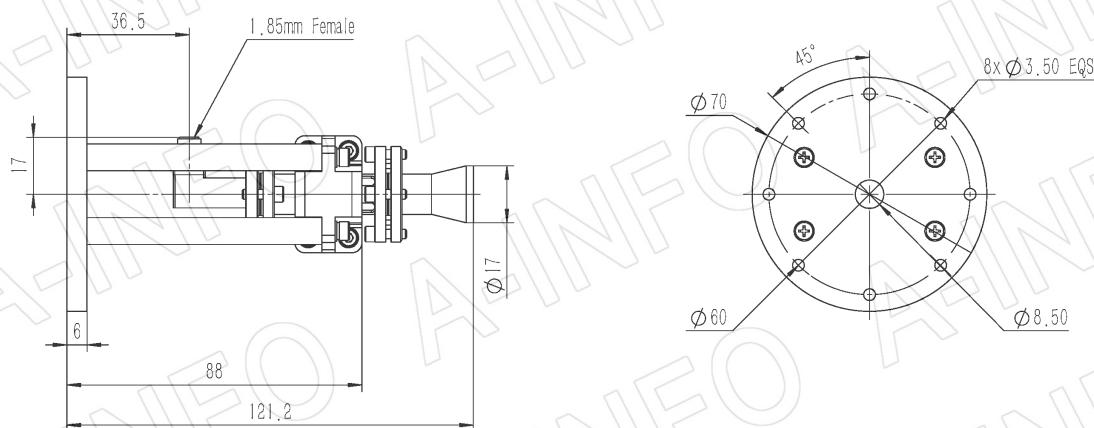
1.85mm-Female Output (P/N: LB-CN-19-15-C-1.85F)

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



1.85mm-Female Output with Round Mounting Bracket (Option, P/N: LB-CN-28-20-MB)

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



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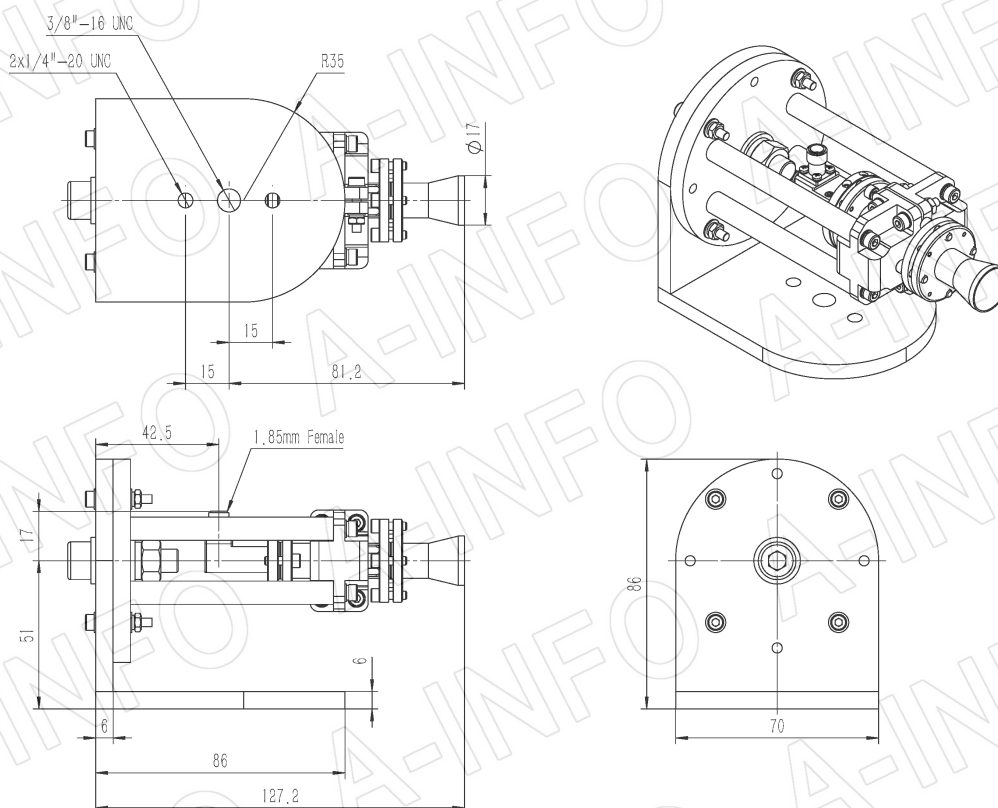
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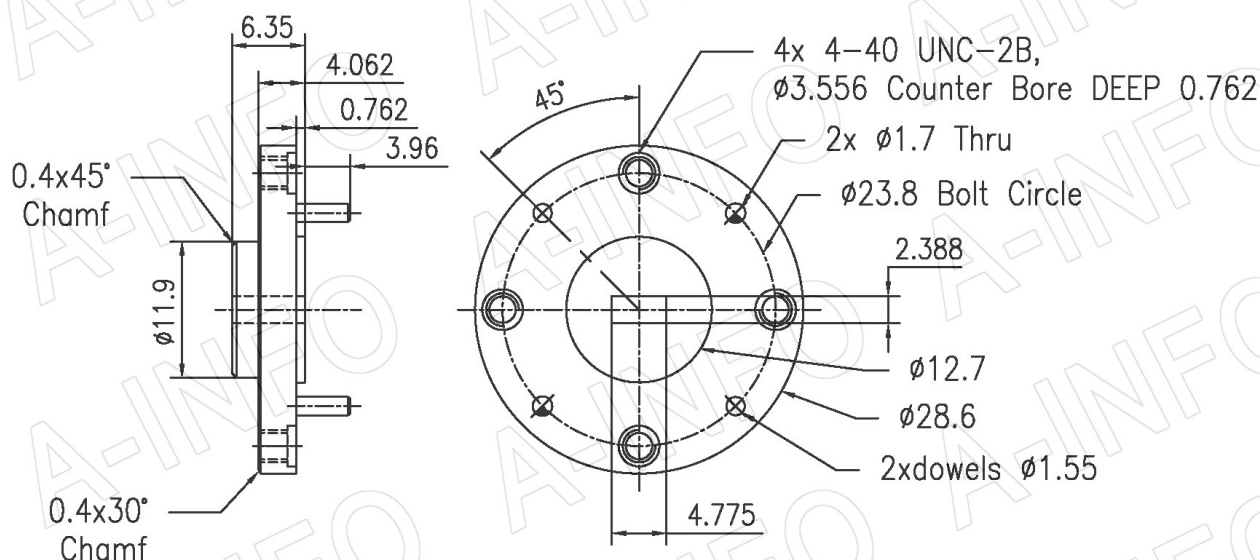
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1.85mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-CN-28-20-MBL)

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



Flange Drawing (Size: mm)



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

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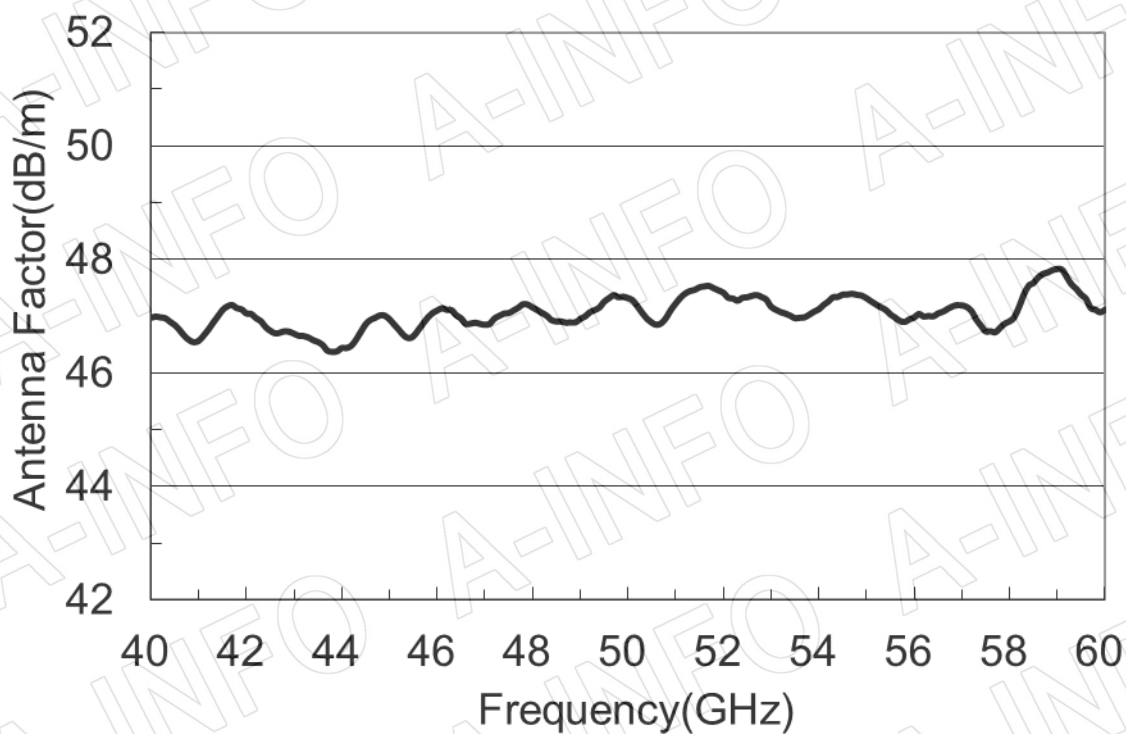
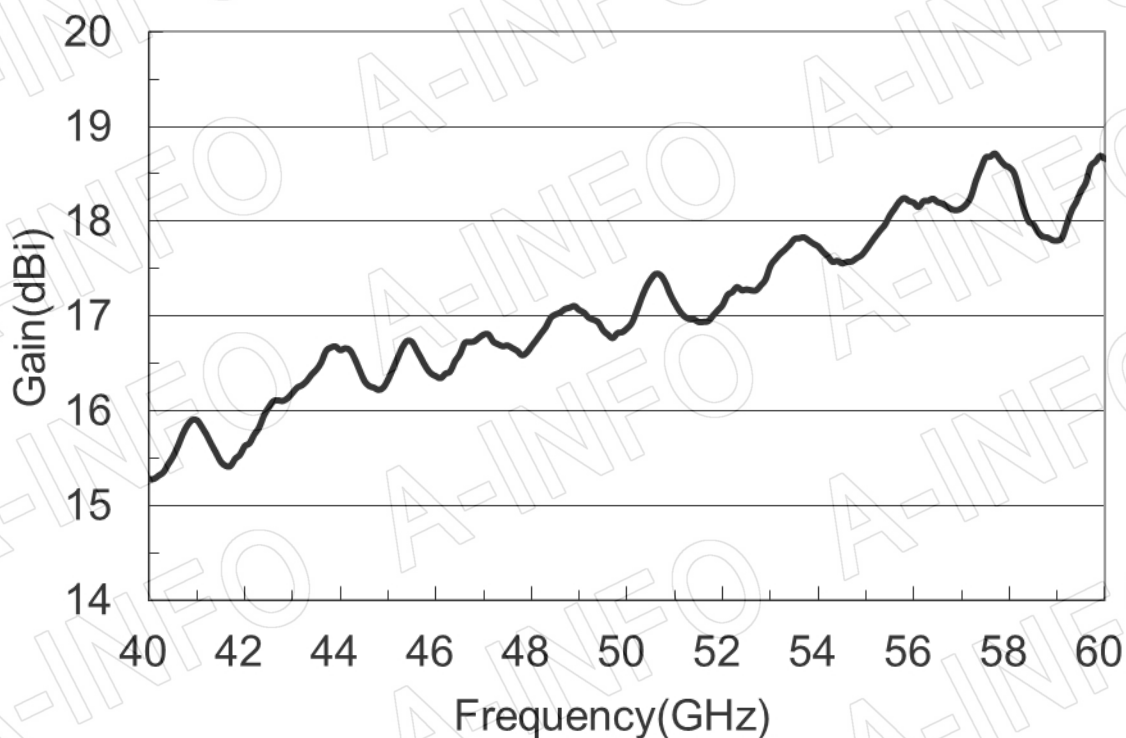
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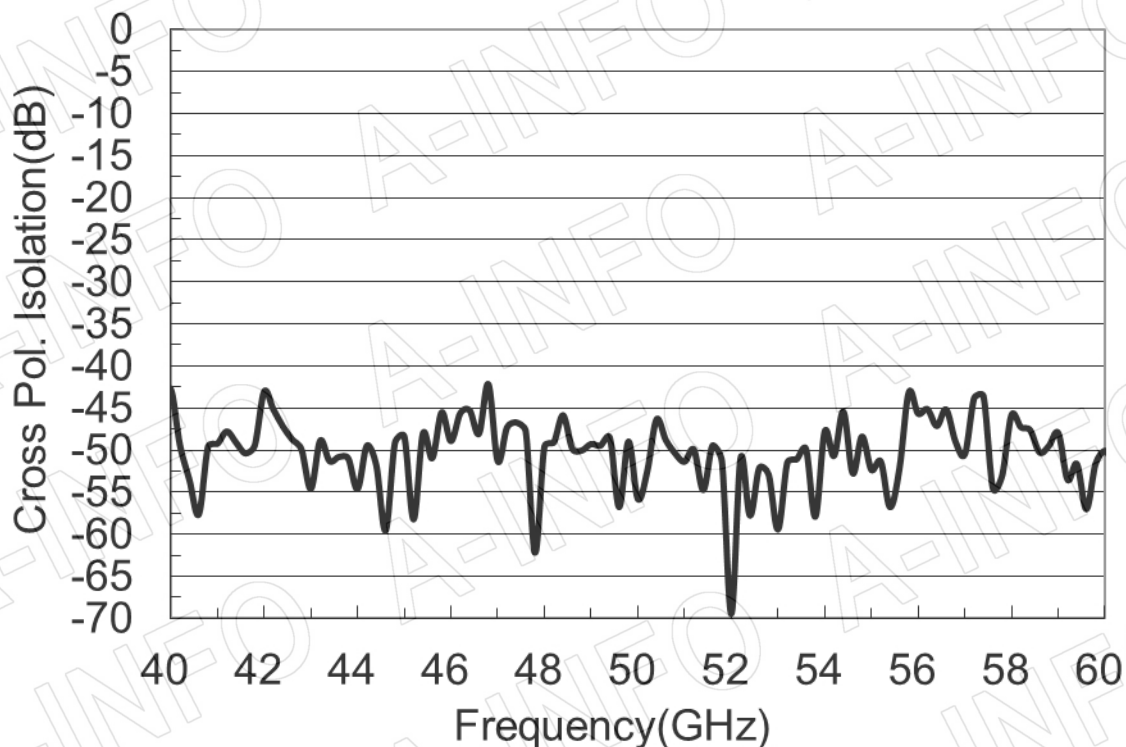
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Test Results

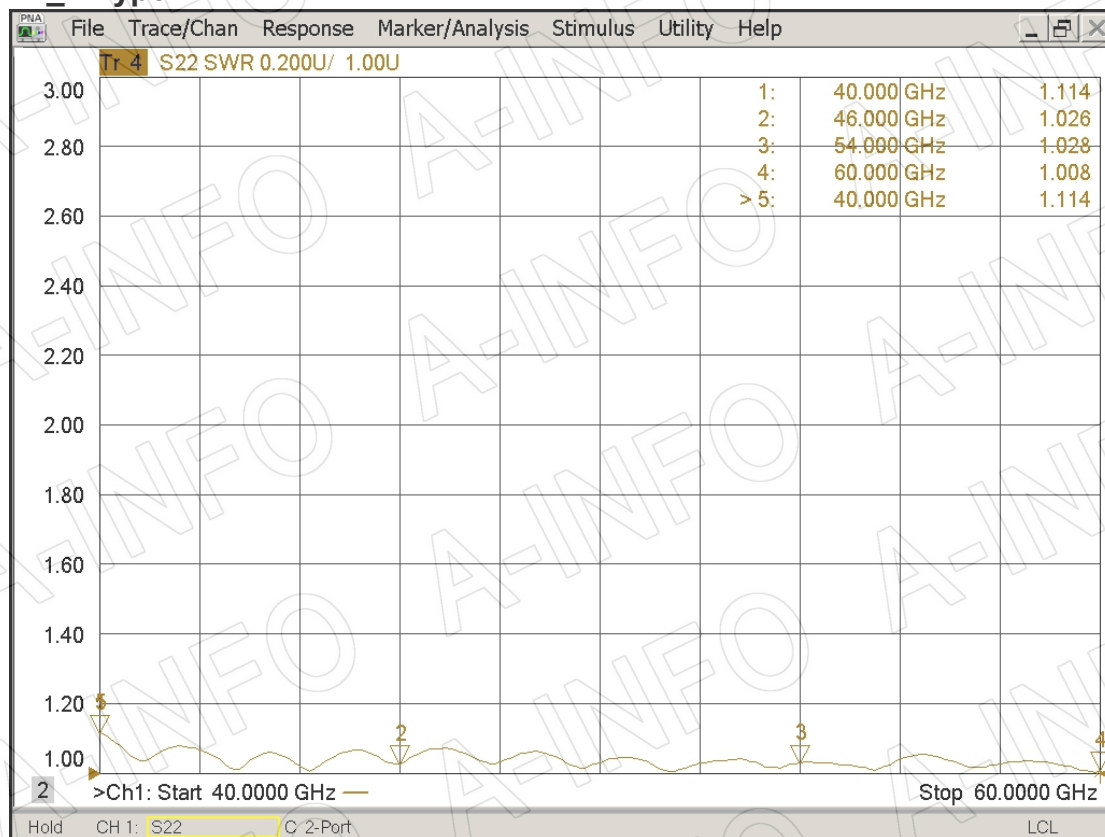
1. Gain & Antenna Factor



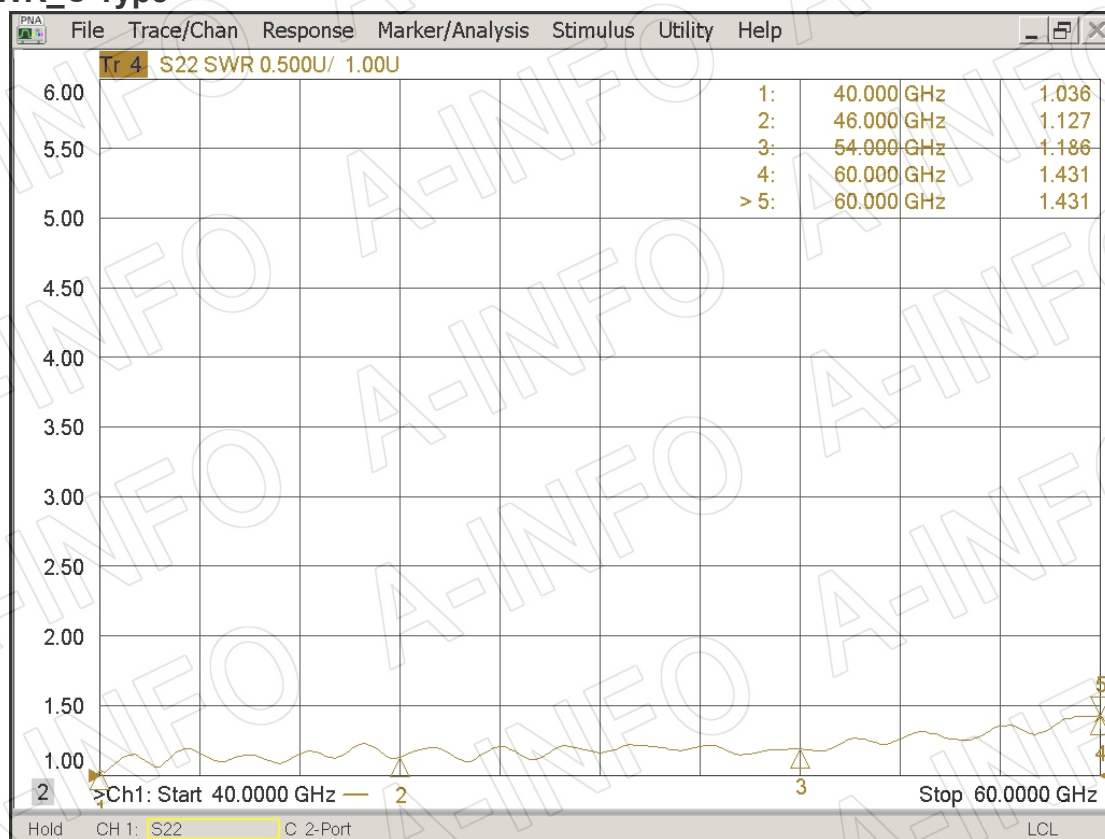
2. Cross Polarization Isolation



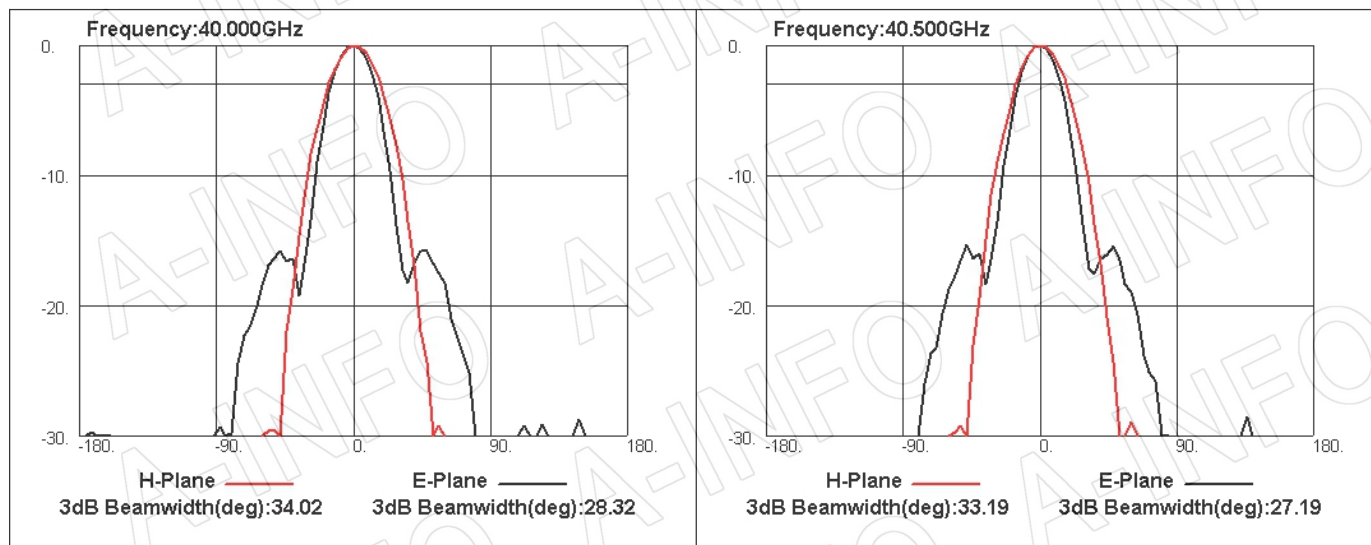
3. VSWR_A Type



VSWR_C Type



4. Pattern



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