

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

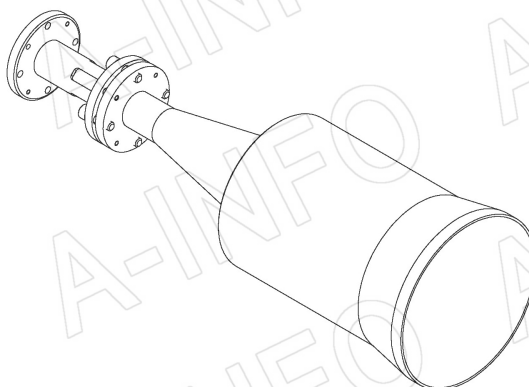
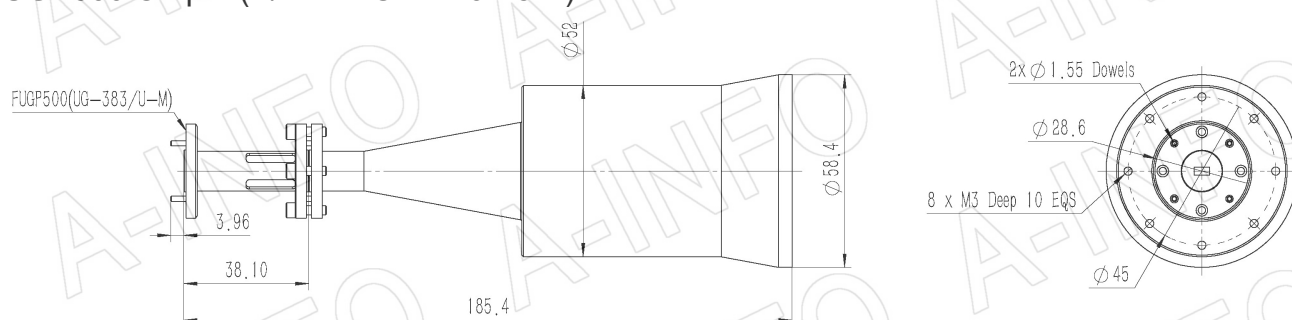
Technical Specification



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)	25 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E Plane:	7 Typ.
	H Plane:	8 Typ.
Cross Pol. Isolation(dB)	40 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	Al	
Finish	Gold Plated	
Size(mm)	A Type:	58.4 x 58.4 x 185.4
	C Type:	58.4 x 58.4 x 211.4
Net Weight(Kg)	A Type:	0.25 Around
	C Type:	0.30 Around

Outline Drawing (Size: mm)

FUGP500 Output (P/N: LB-CN-19-25-A)



AINFO Inc.

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

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Tel: (+1) 949-639-9688,

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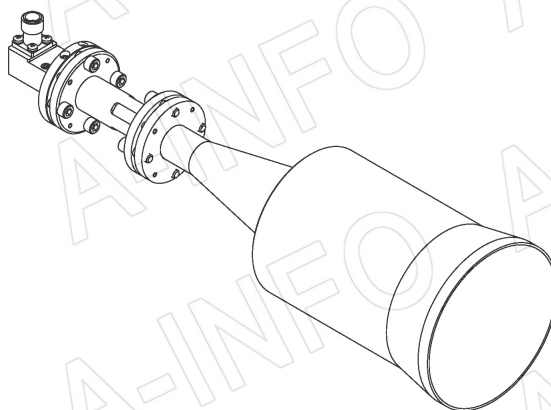
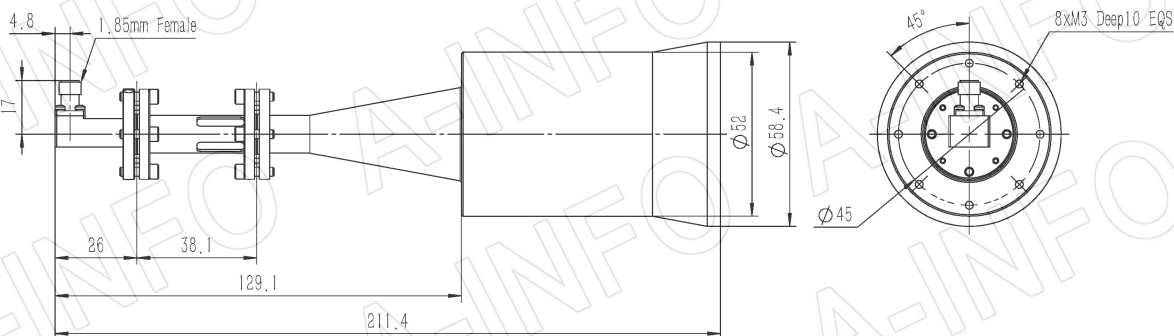
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Website: www.ainfoinc.com
Email: sales@ainfoinc.com

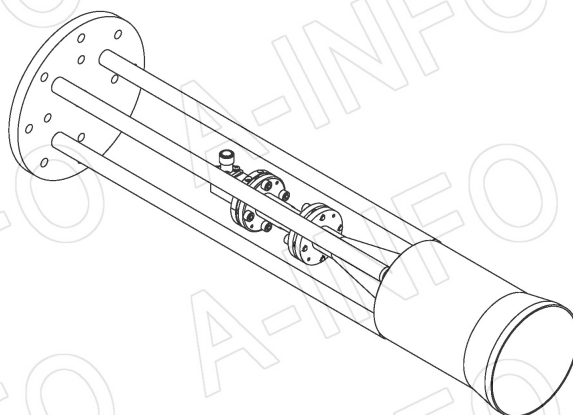
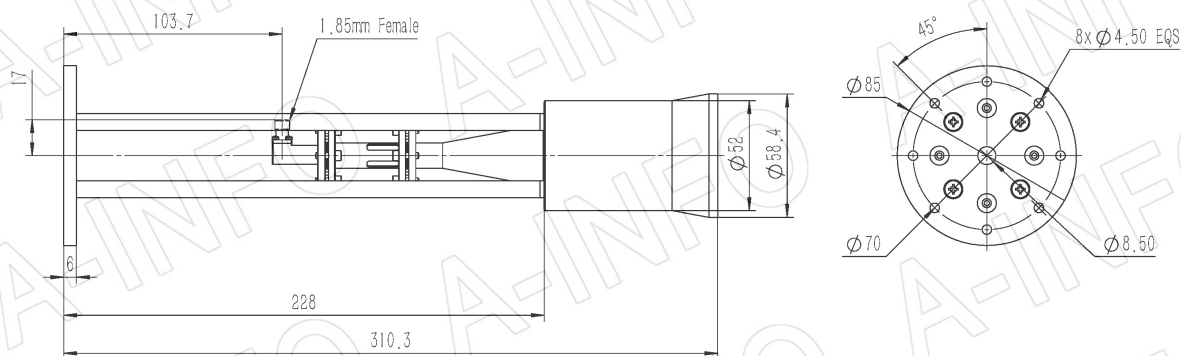
1.85mm-Female Output (P/N: LB-CN19-25-C-1.85F)

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



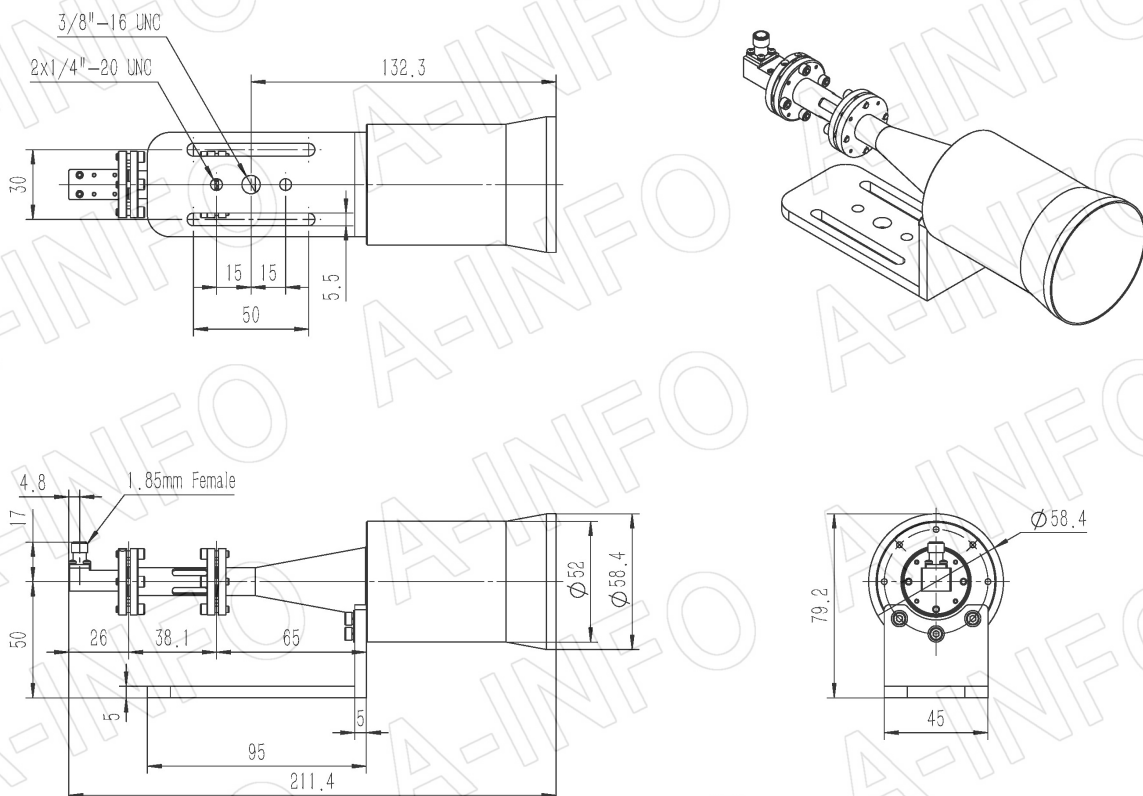
1.85mm-Female Output with Round Mounting Bracket (Option, P/N: LB-CN19-25-MB)

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

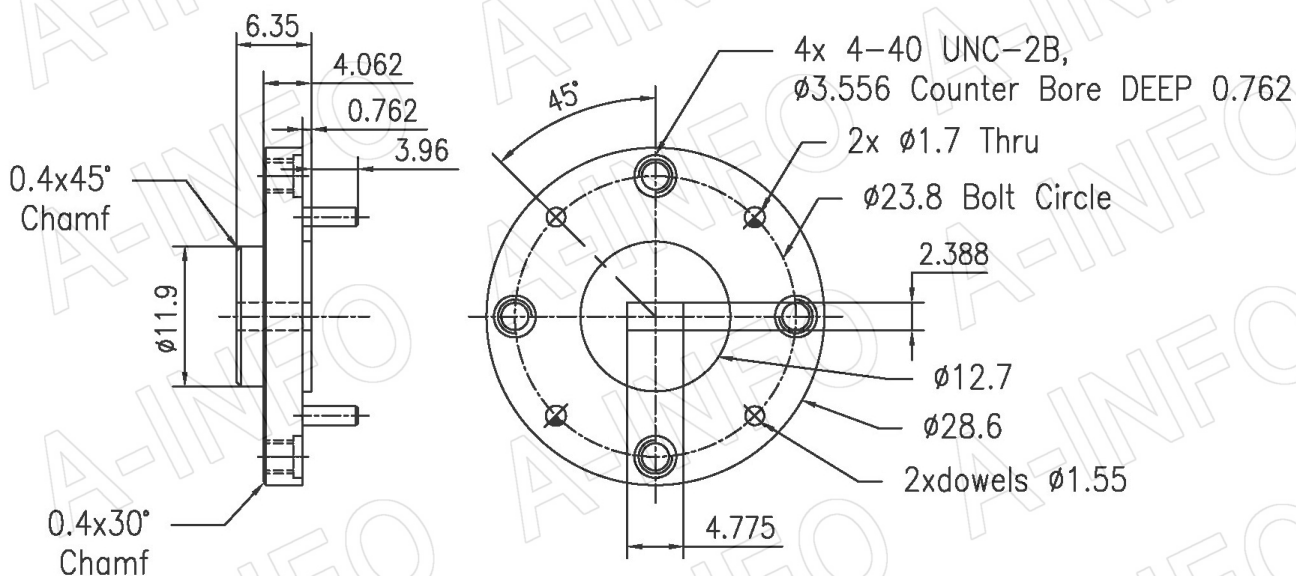


1.85mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-CN22-25-L)

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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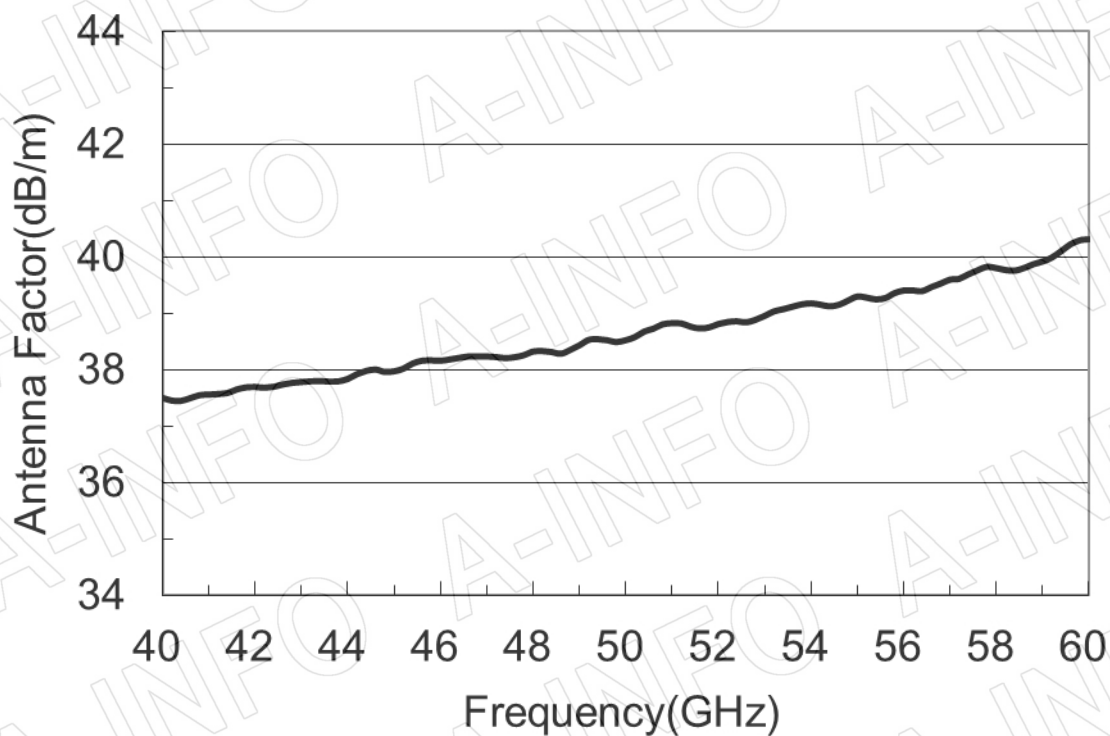
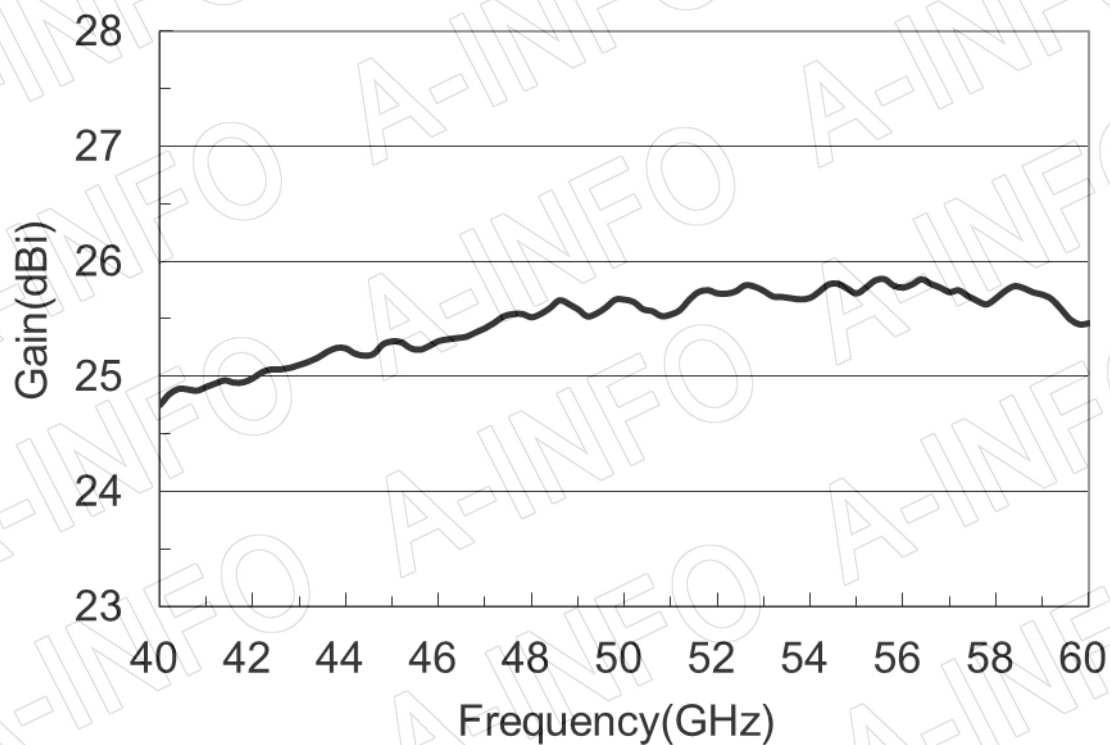
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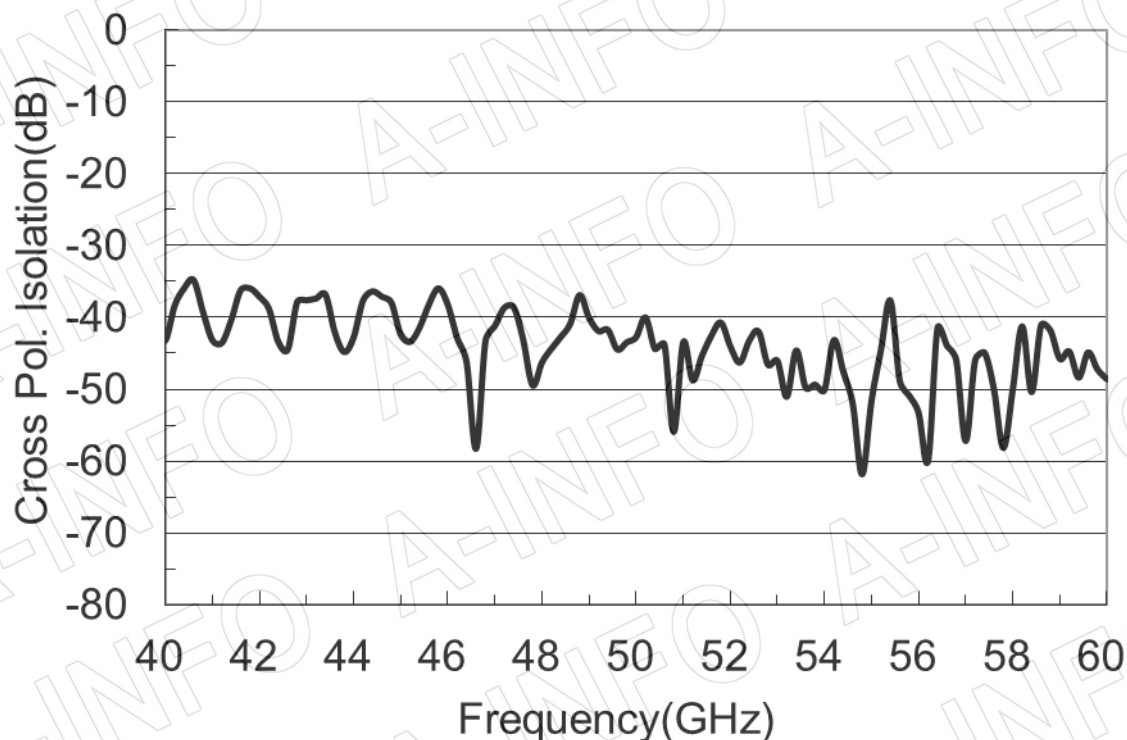
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Test Results

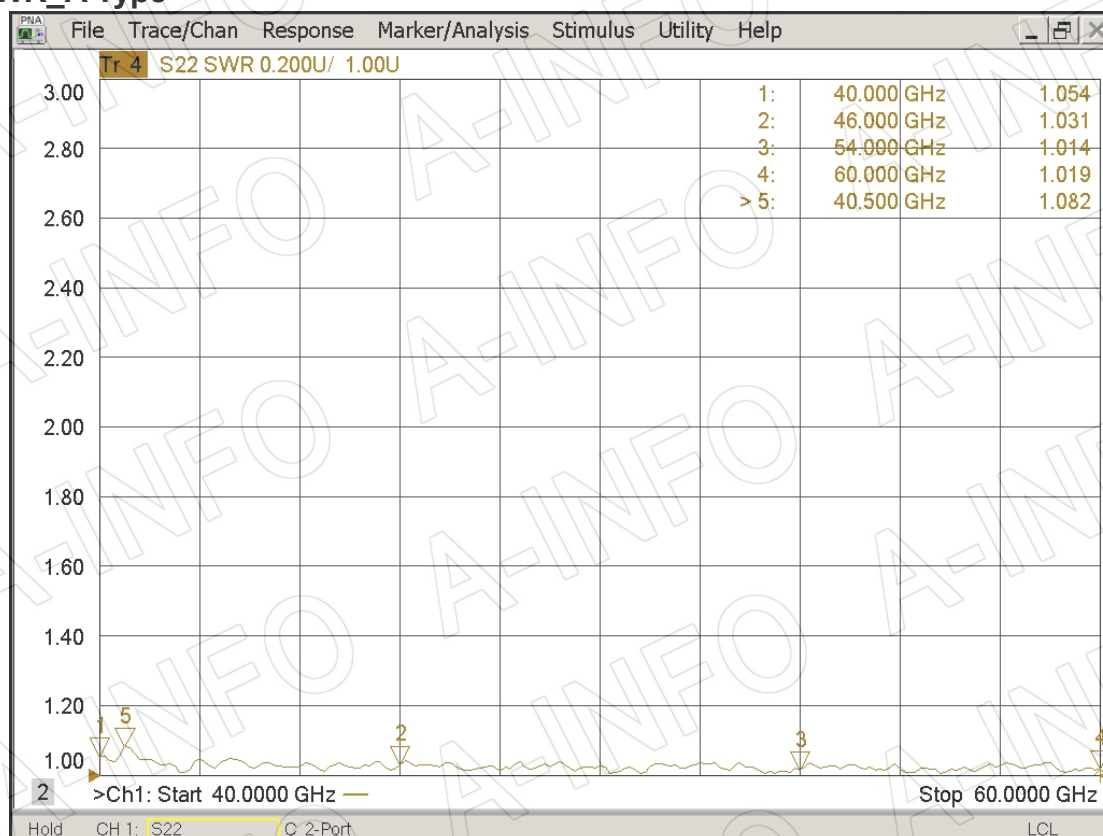
1. Gain & Antenna Factor



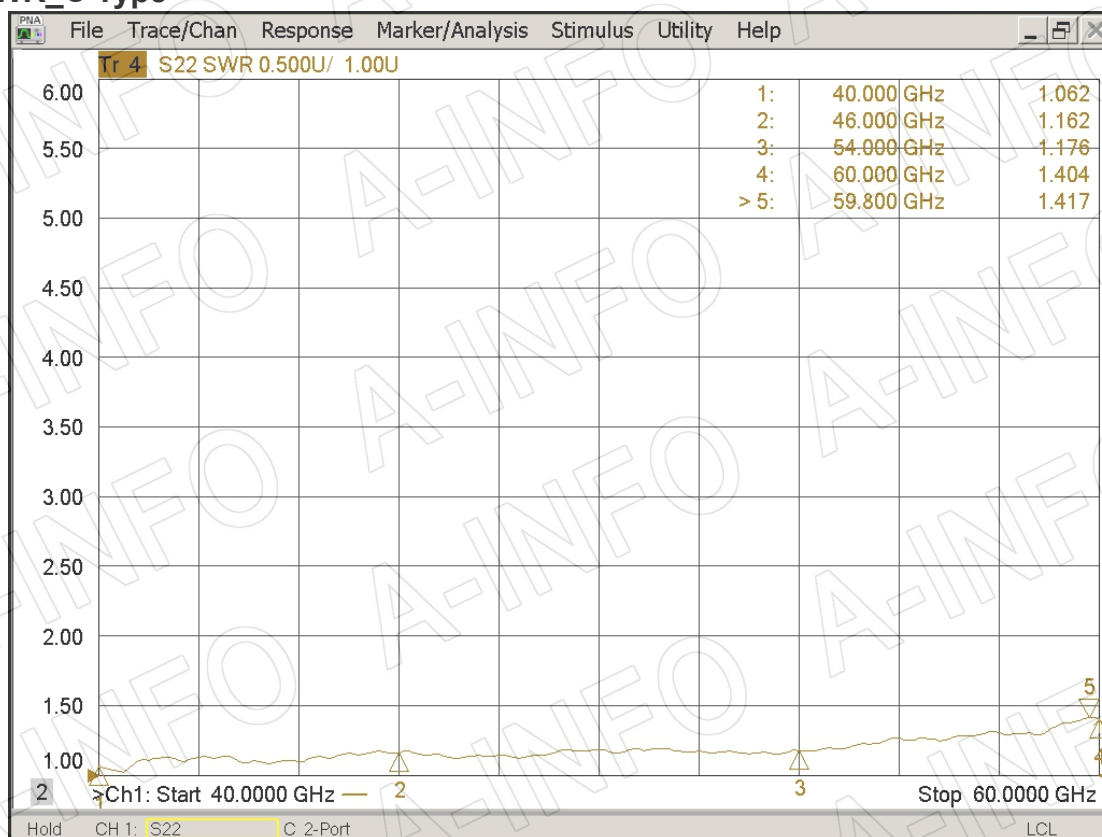
2. Cross Polarization Isolation



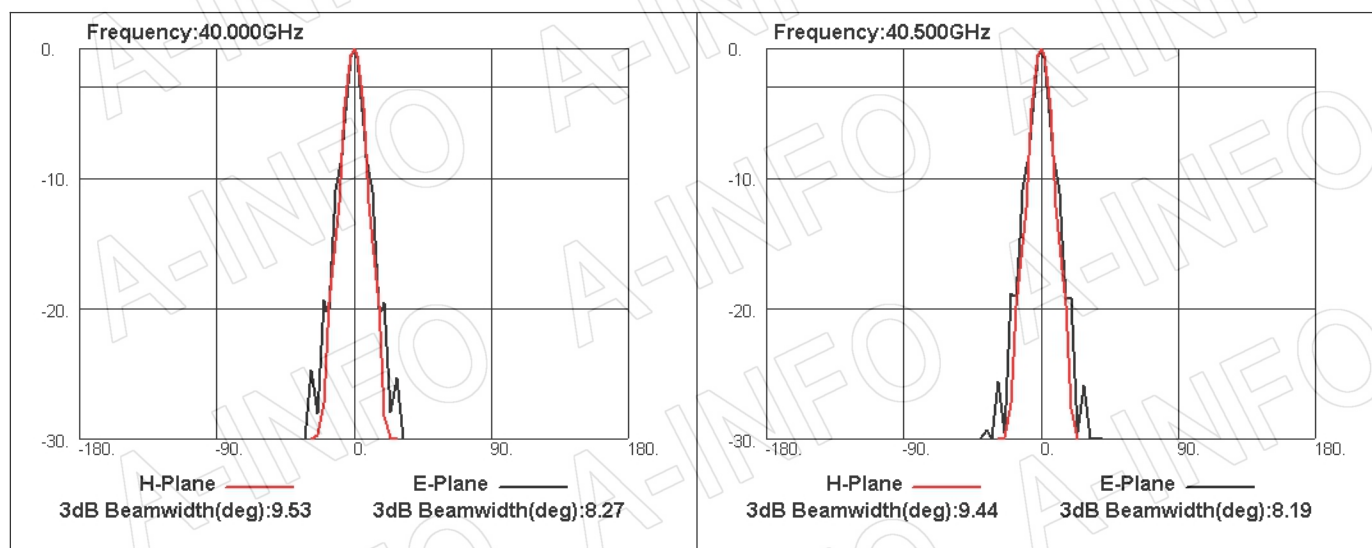
3. VSWR_A Type



VSWR_C Type



4. Pattern



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