

Technical Specification

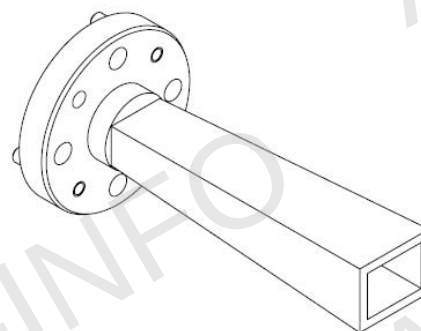
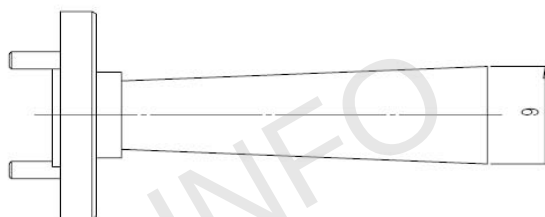
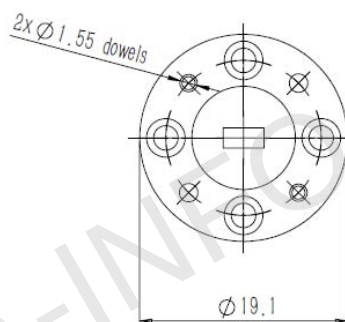
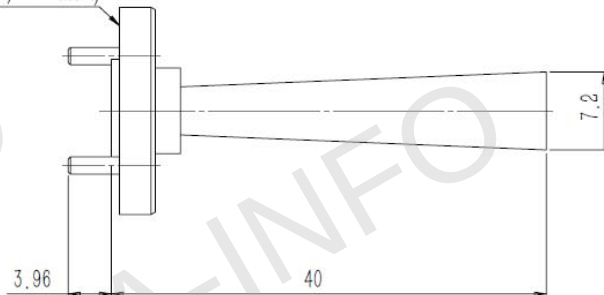


Frequency Range(GHz)	A Type	50.0 - 75.0
	C Type	50.0 - 65.0
Waveguide	WR15	
Gain(dB)	10 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	55 Typ.	
Cross Pol. Isolation(dB)	35 Typ.	
VSWR	A Type	1.25:1 Typ.
	C Type	2.0:1 Typ.
Output	A Type	FUGP620 (UG-385/U modified)
	C Type	1.85mm-Female
Material	Cu	
Size(mm)	A Type	19.1 x 19.1 x 40
	C Type	19.1 x 26.7 x 68
Net Weight(Kg)	A Type	0.02 Around
	C Type	0.05 Around

Outline Drawing (Size: mm)

A Type(With FUGP620 Output)

FUGP620(UG-385/U modified)



AINFO Inc.

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

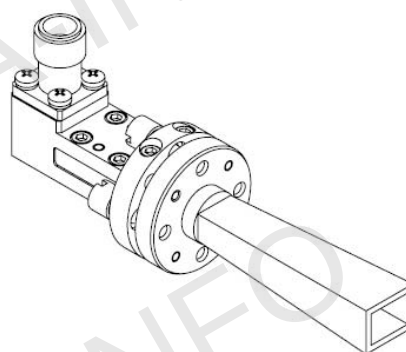
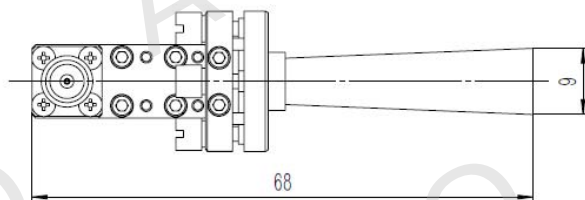
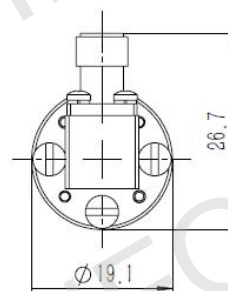
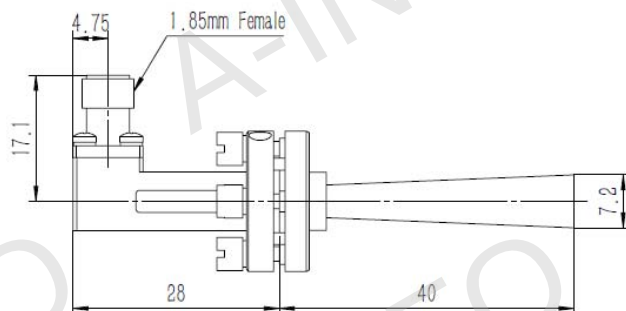
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(+86) 10-6266-7327
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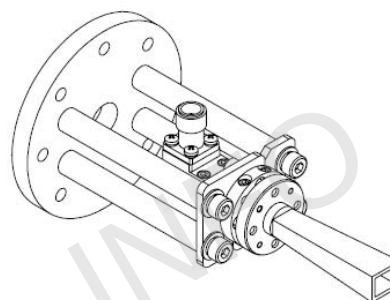
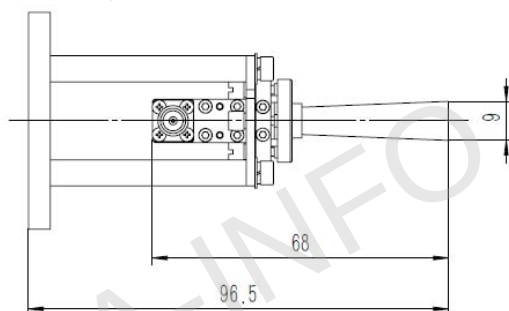
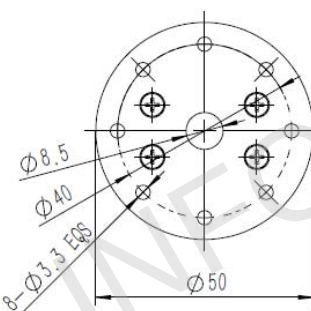
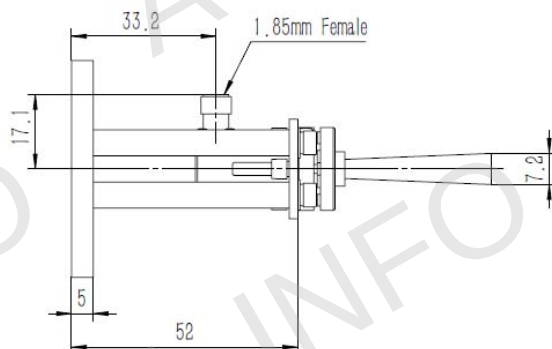
Fax: (+86) 10-6266-7379
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Fax: (+1) 949-639-9670

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

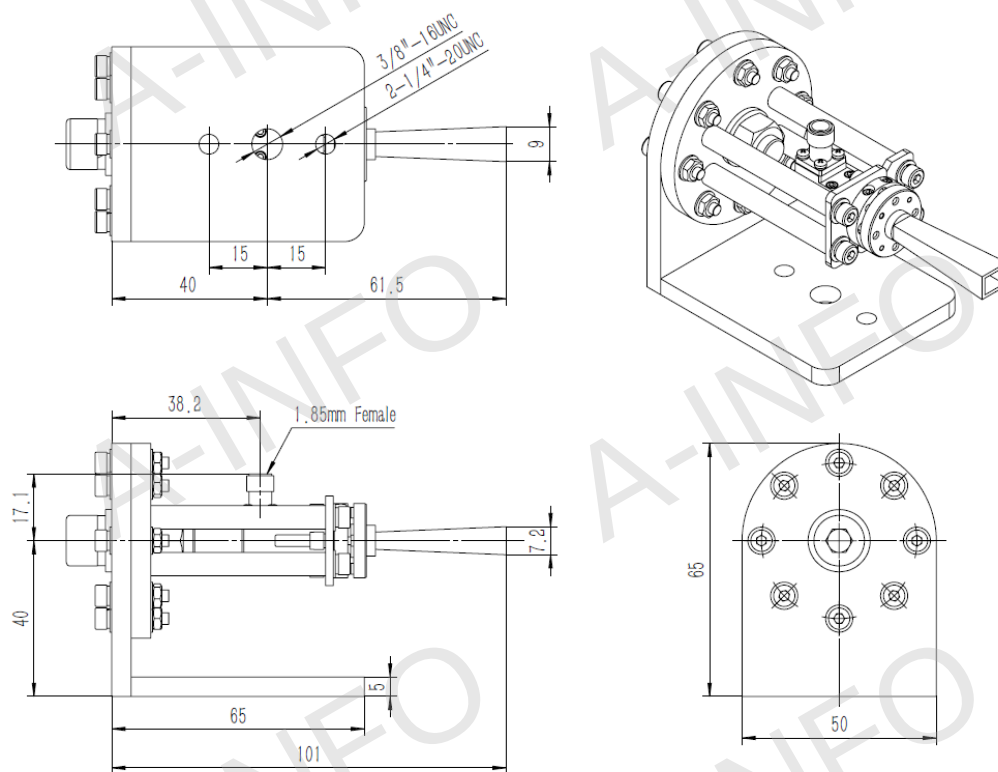
C Type(With 1.85mm-Female Output)



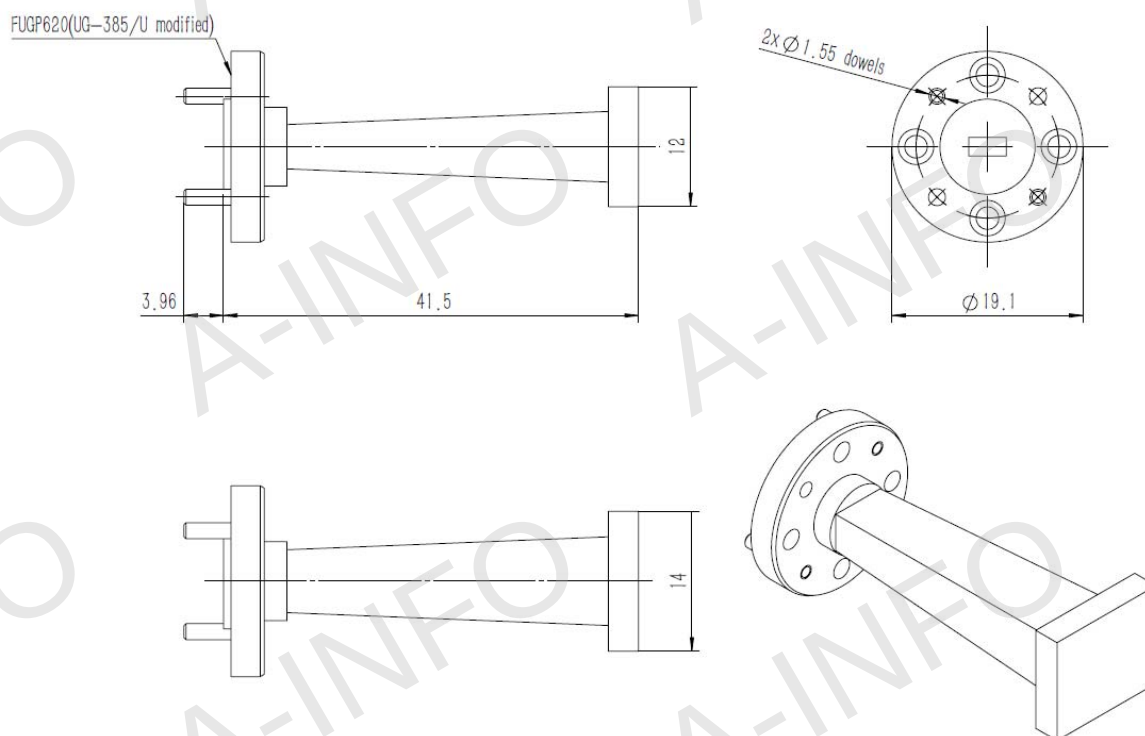
C Type(With 1.85mm-Female Output & Round Mounting Bracket)



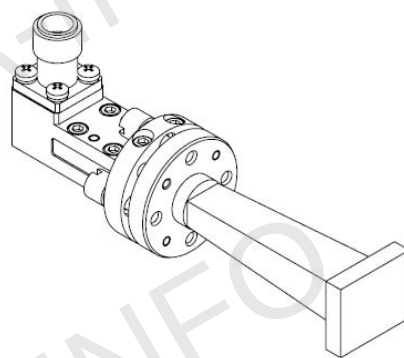
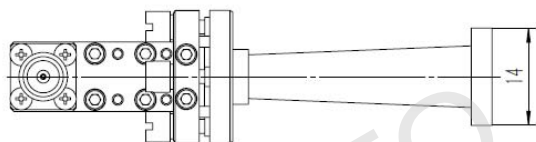
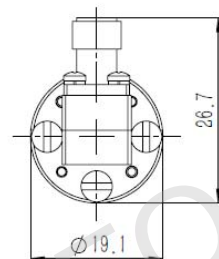
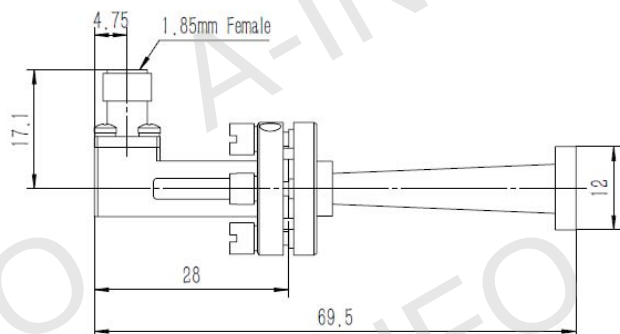
C Type(With 1.85mm-Female Output & L Type Mounting Bracket)



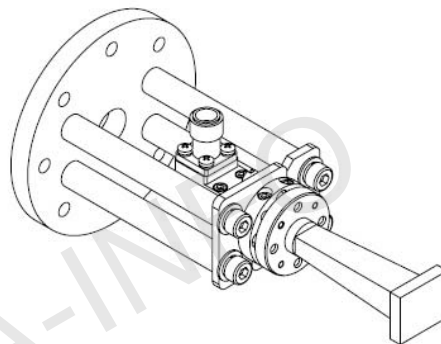
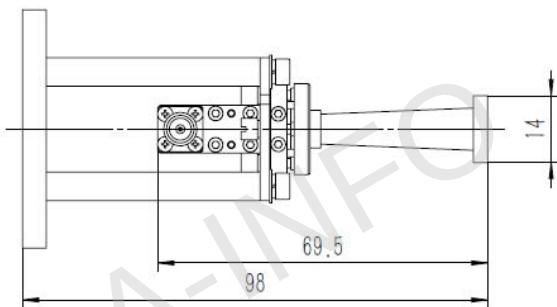
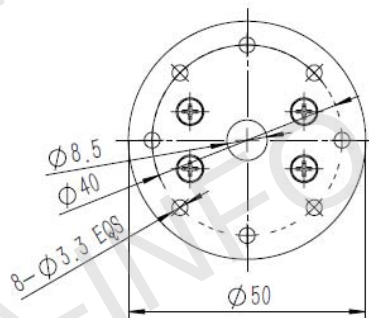
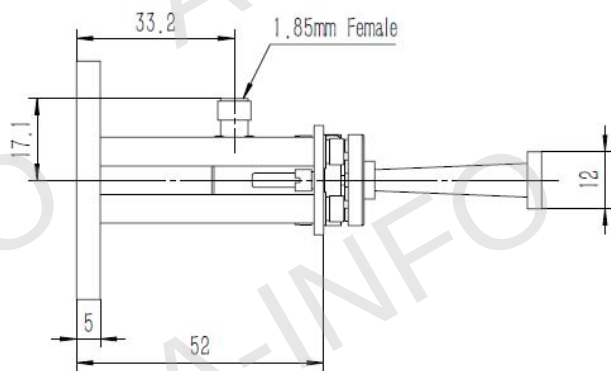
A Type(With Radome)



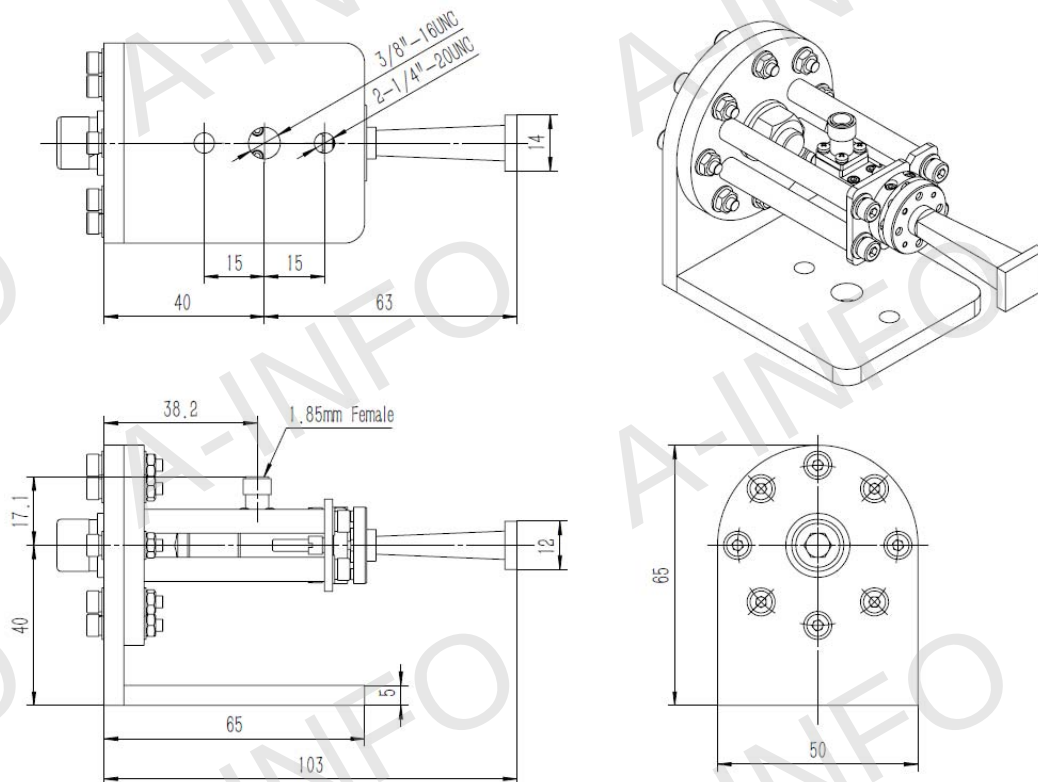
C Type(With 1.85mm-Female Output & Radome)



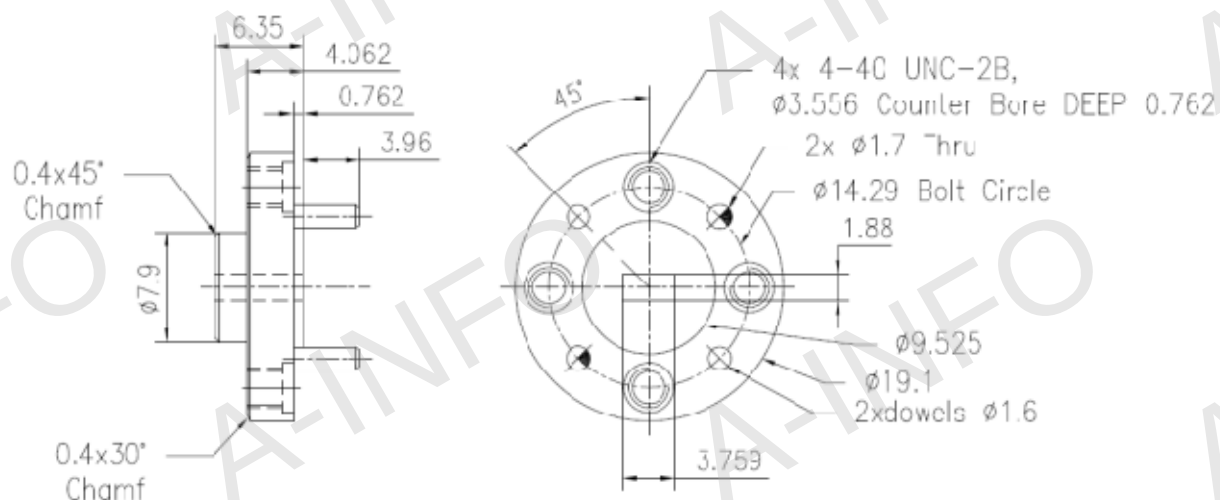
C Type(With 1.85mm-Female Output & Round Mounting Bracket & Radome)



C Type(With 1.85mm-Female Output & L Type Mounting Bracket & Radome)



Flange Drawing (Size: mm)

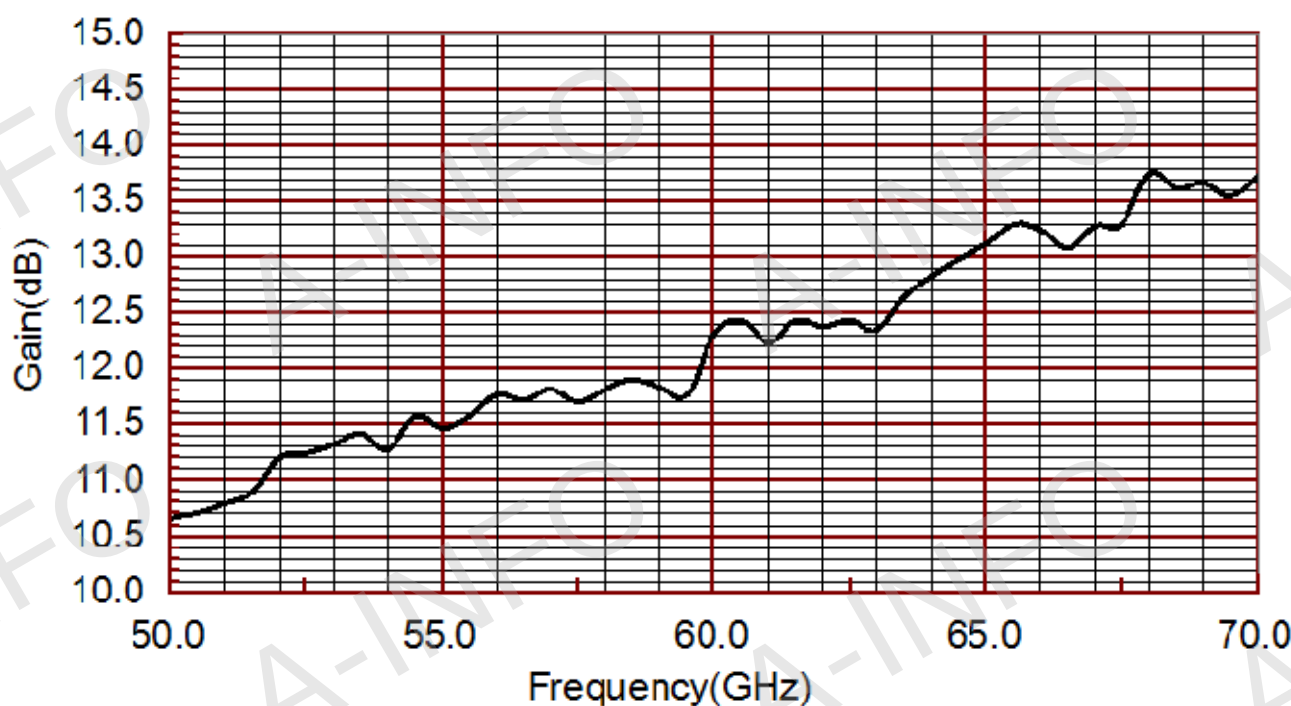


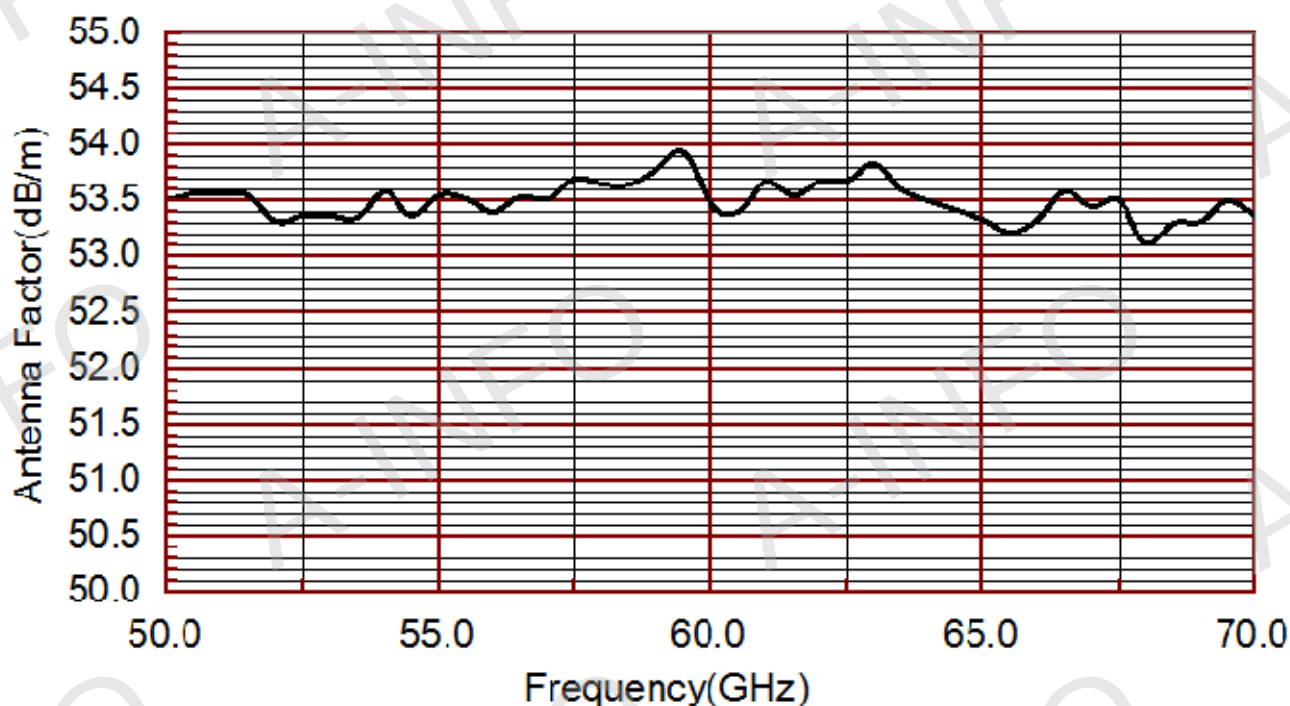
FUCP620

(equivalent to UG-385/U modified)

Test Results

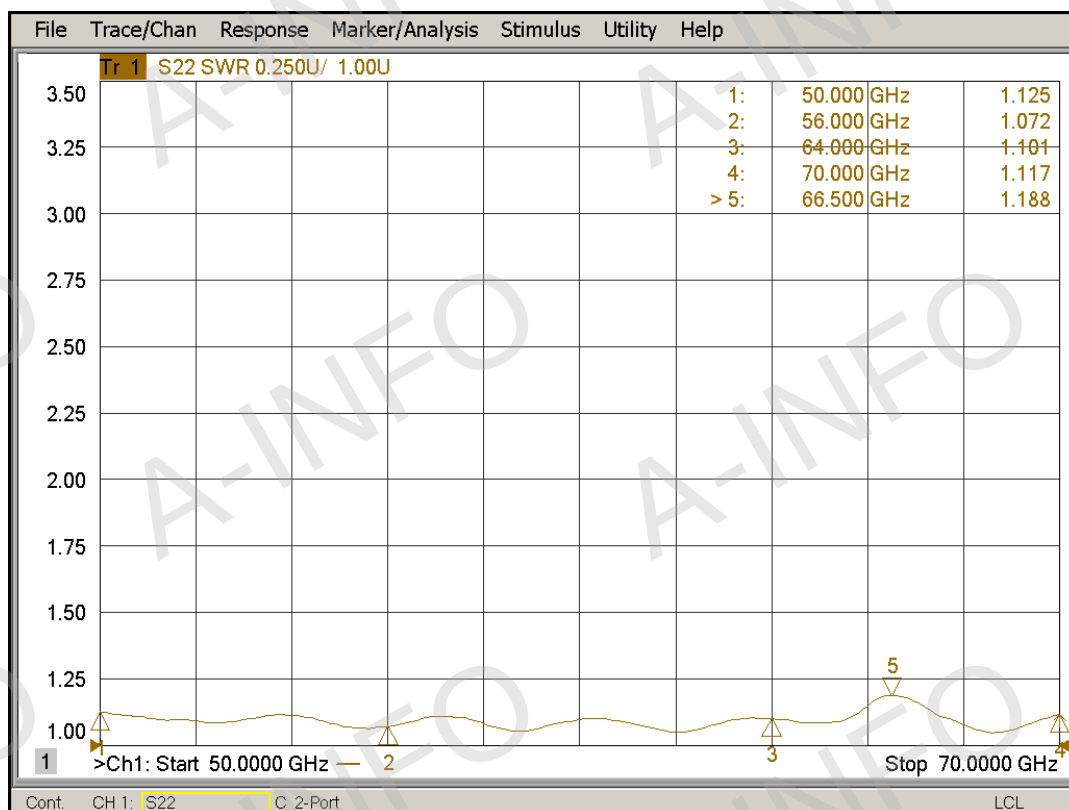
1. Gain & Antenna Factor



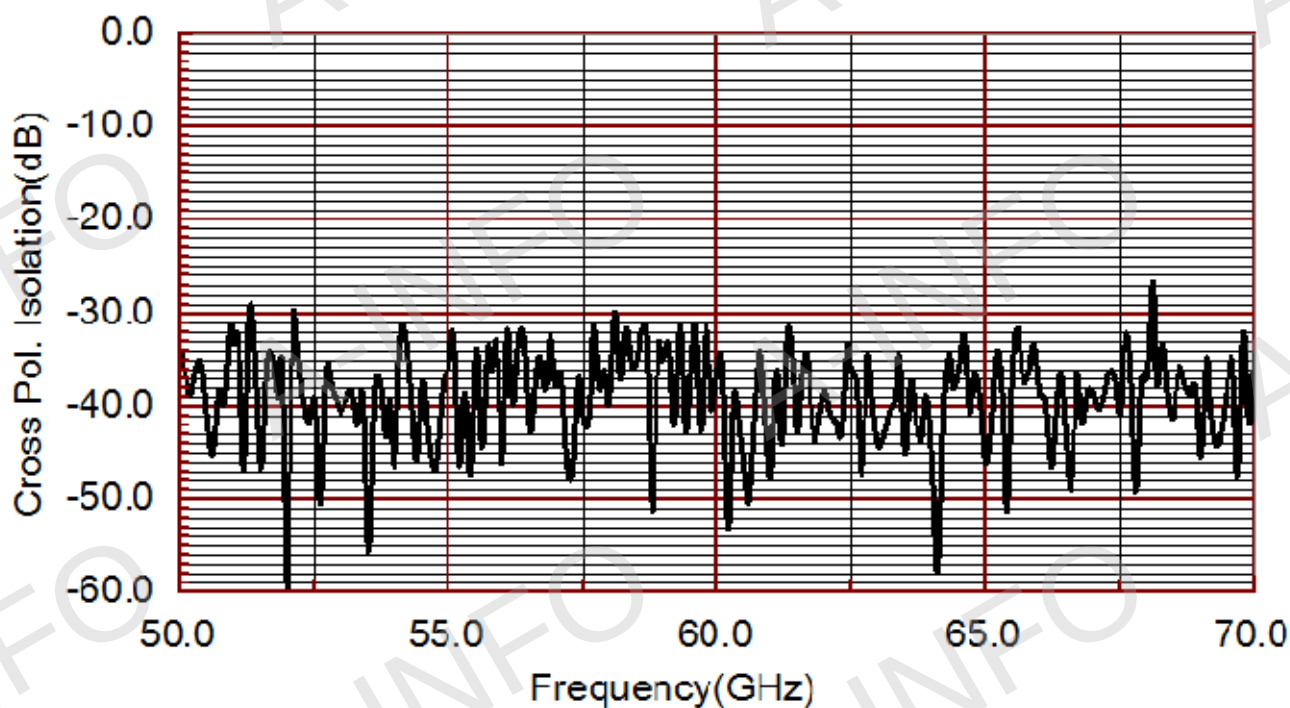


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
50.0	10.67	53.53
52.0	11.20	53.33
54.0	11.27	53.58
56.0	11.77	53.40
58.0	11.82	53.66
60.0	12.31	53.46
62.0	12.39	53.67
64.0	12.83	53.50
66.0	13.26	53.24
68.0	13.75	53.11
70.0	13.74	53.38

2. VSWR(WG Output)



3. Cross Polarization Isolation



4. Pattern

