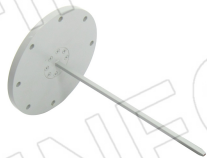


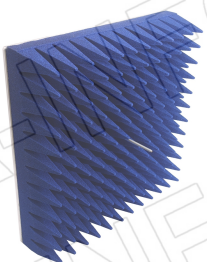
For reference only. See data sheet for the detailed specifications.

Technical Specification

12EWG



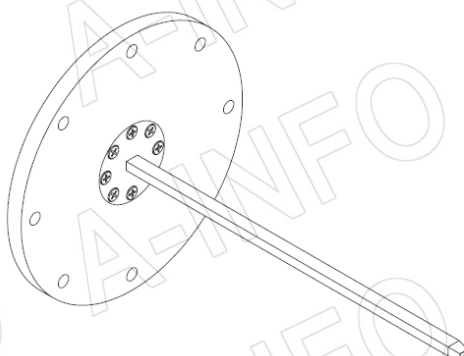
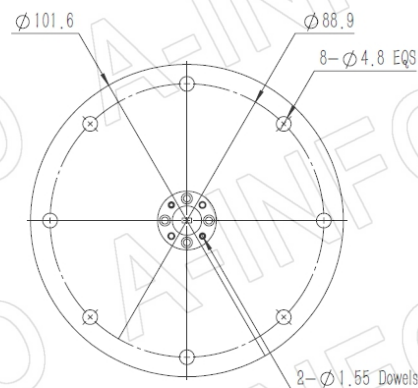
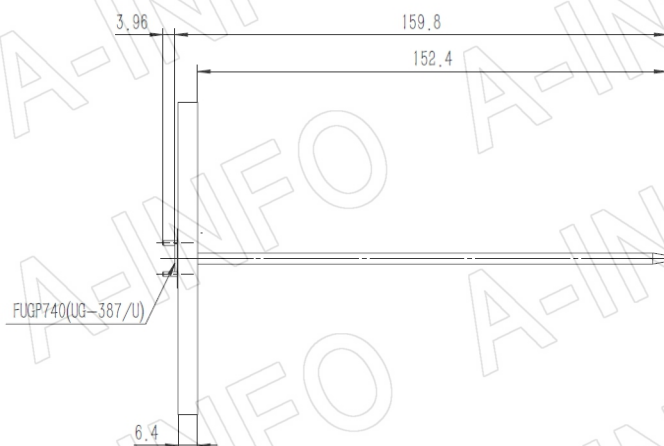
12EWG-A1



Frequency Range(GHz)	60.0 – 90.0
Waveguide	WR12
Gain(dBi)	6 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 96 Typ.
	H Plane: 60 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	1.50:1 Typ.
Output	FUGP740(UG-387/U)
Material	Cu
Finish	Gold Plated and Chemical Conversion Coating, Gray Paint
Size(mm)	12EWG: 101.6 x 101.6 x 159.8
	12EWG-A1: 399.6 x 399.6 x 159.8
Net Weight(Kg)	12EWG: 0.17 Around
	12EWG-A1: 2.42 Around

Outline Drawing (Size: mm)

FUGP740 Output (P/N: 12EWG)



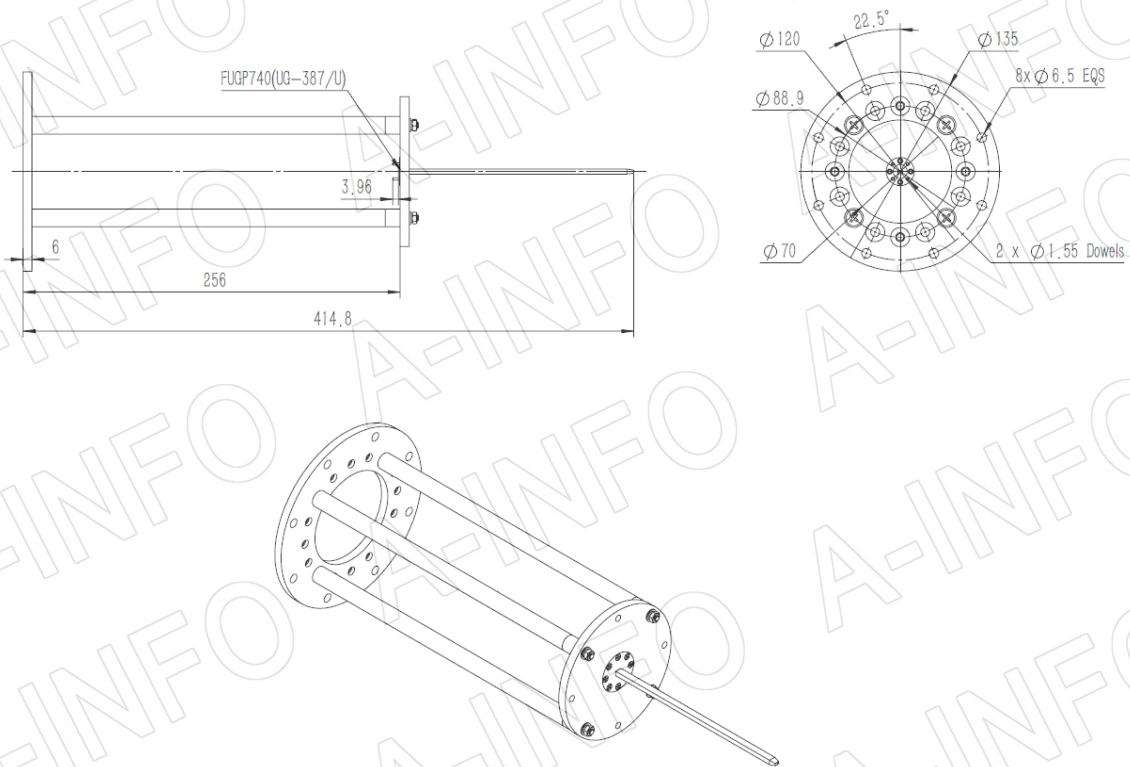
AINFO Inc.

China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA : Tel: (+1) 949-639-9688,

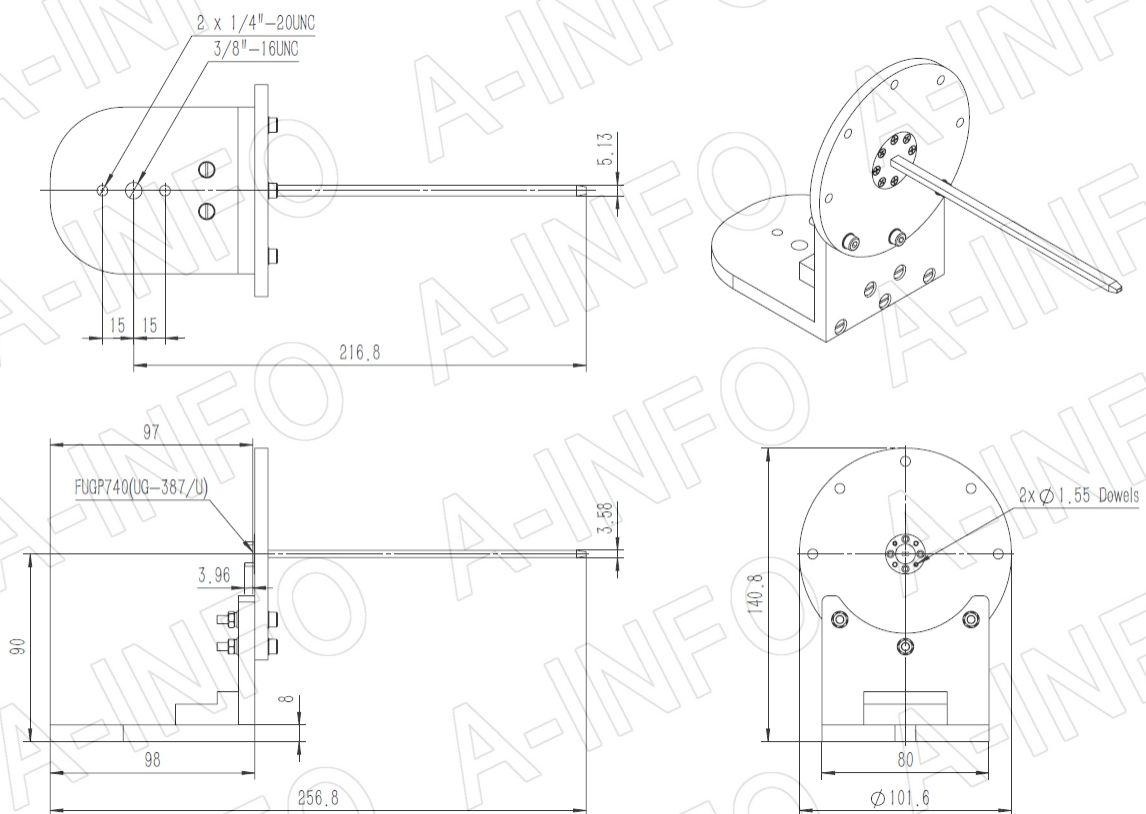
(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

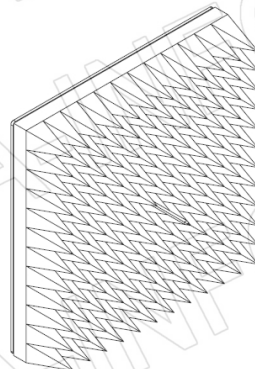
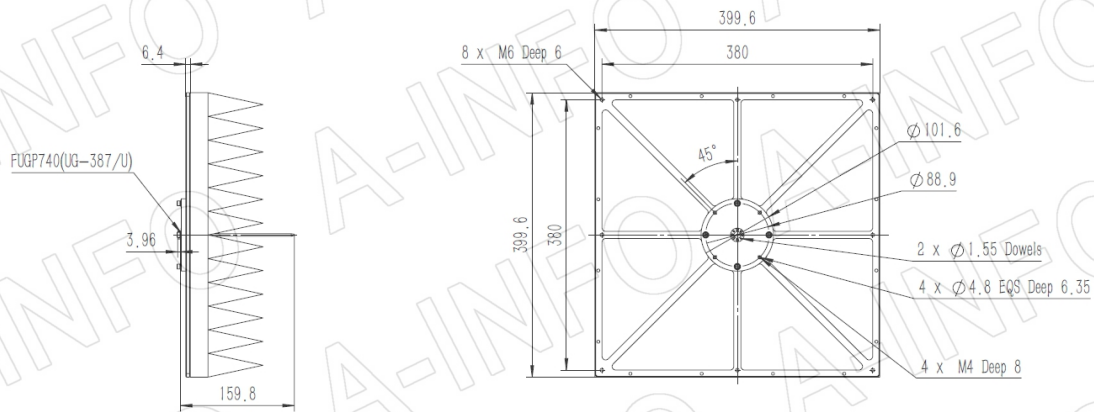
FUGP740 Output with Round Mounting Bracket (Option, P/N: EWG-MB40)



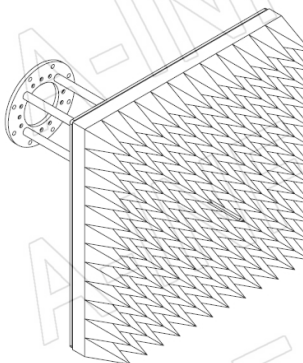
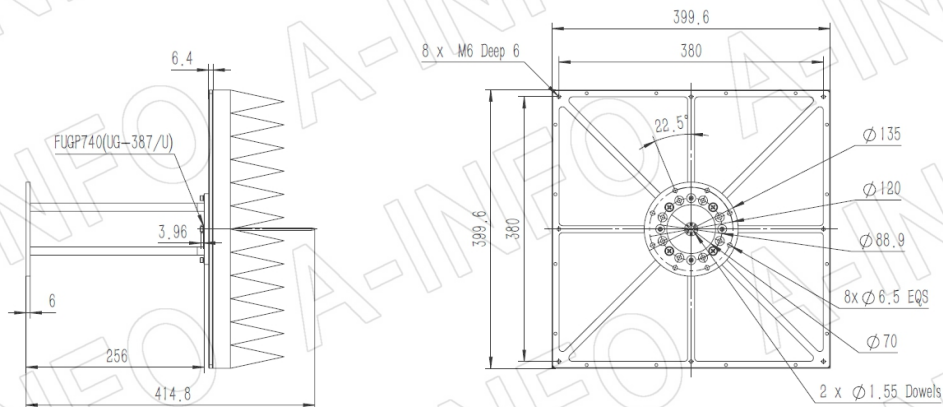
FUGP740 Output with L Type Mounting Bracket (Option, P/N: EWG-L30/FRP)



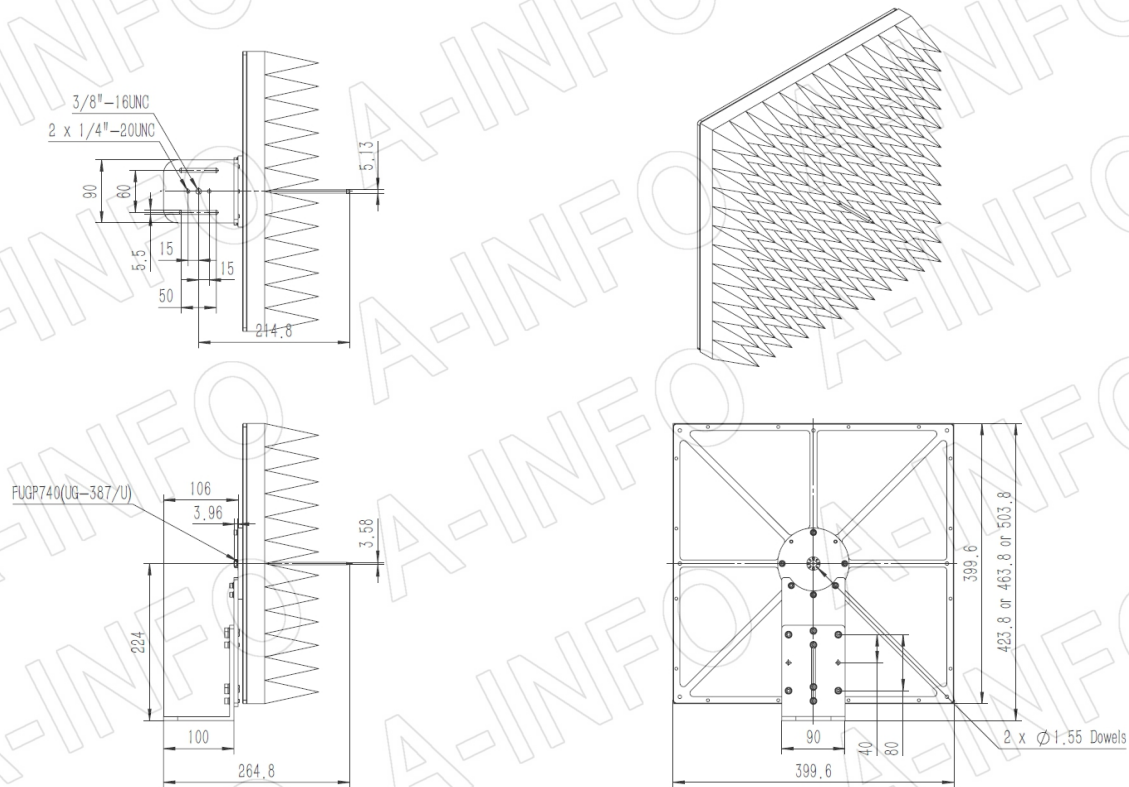
FUGP740 Output, Equipped with Absorber (Option, P/N: 12EWG-A1)



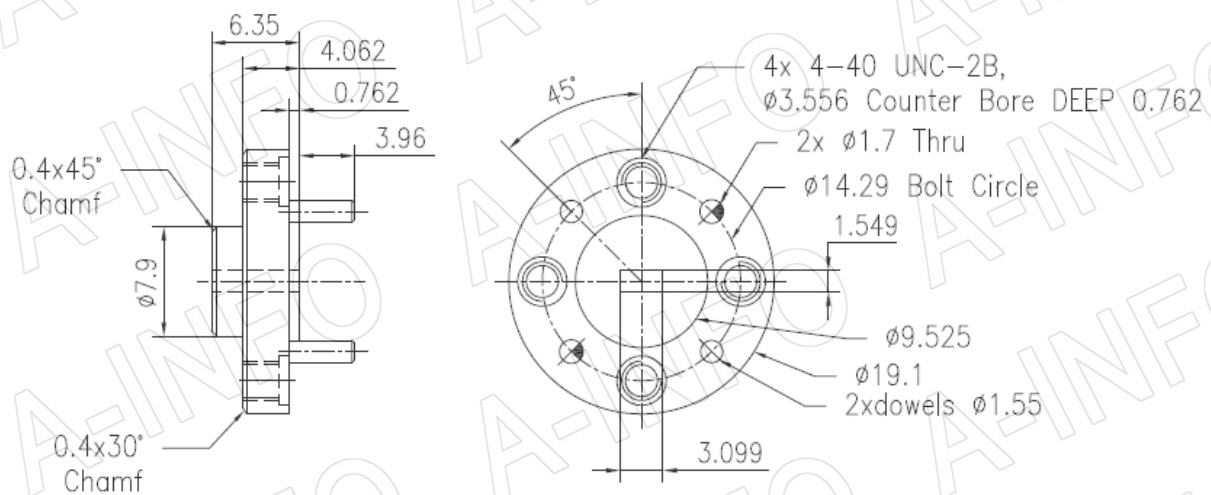
FUGP740 Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB40 & 12EWG-A1)



FUGP740 Output with L Type Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-L40 & 12EWG-A1)



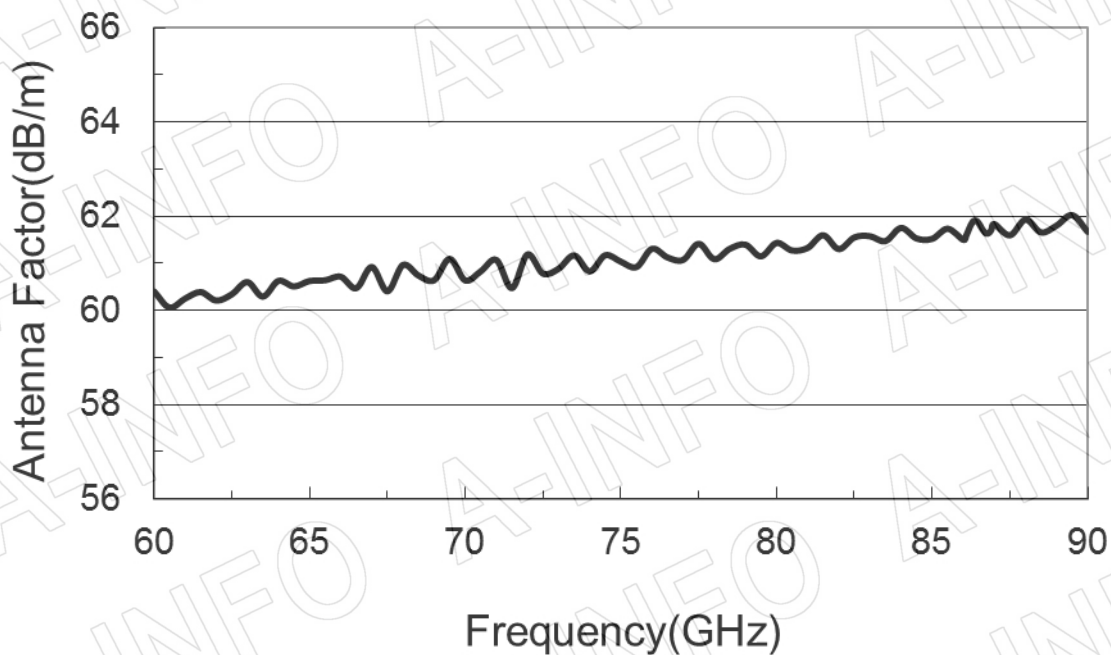
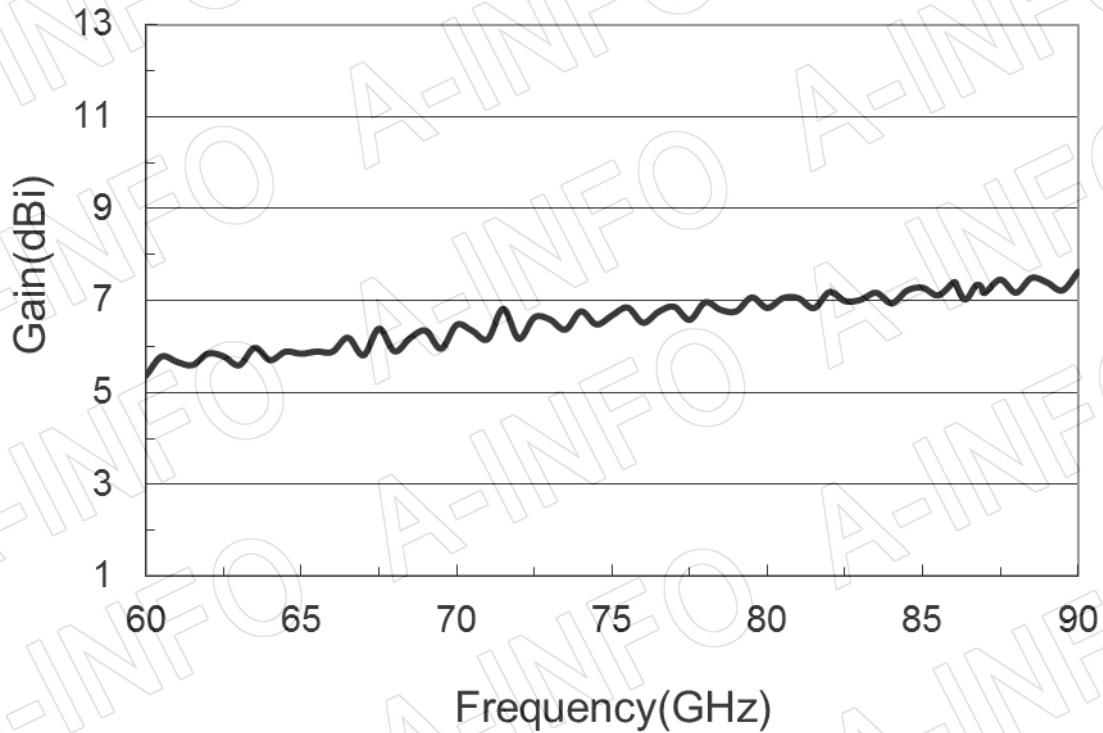
Flange Drawing (Size: mm)



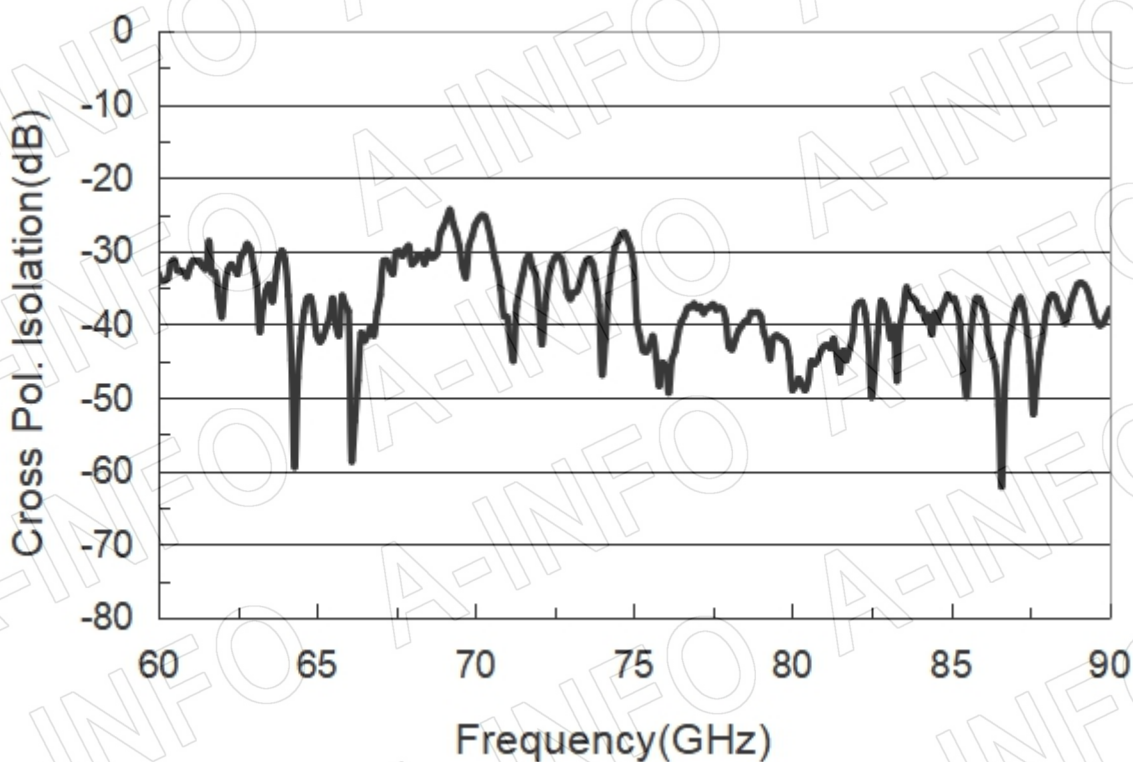
FUGP740
(equivalent to UG-387/U)

Test Results

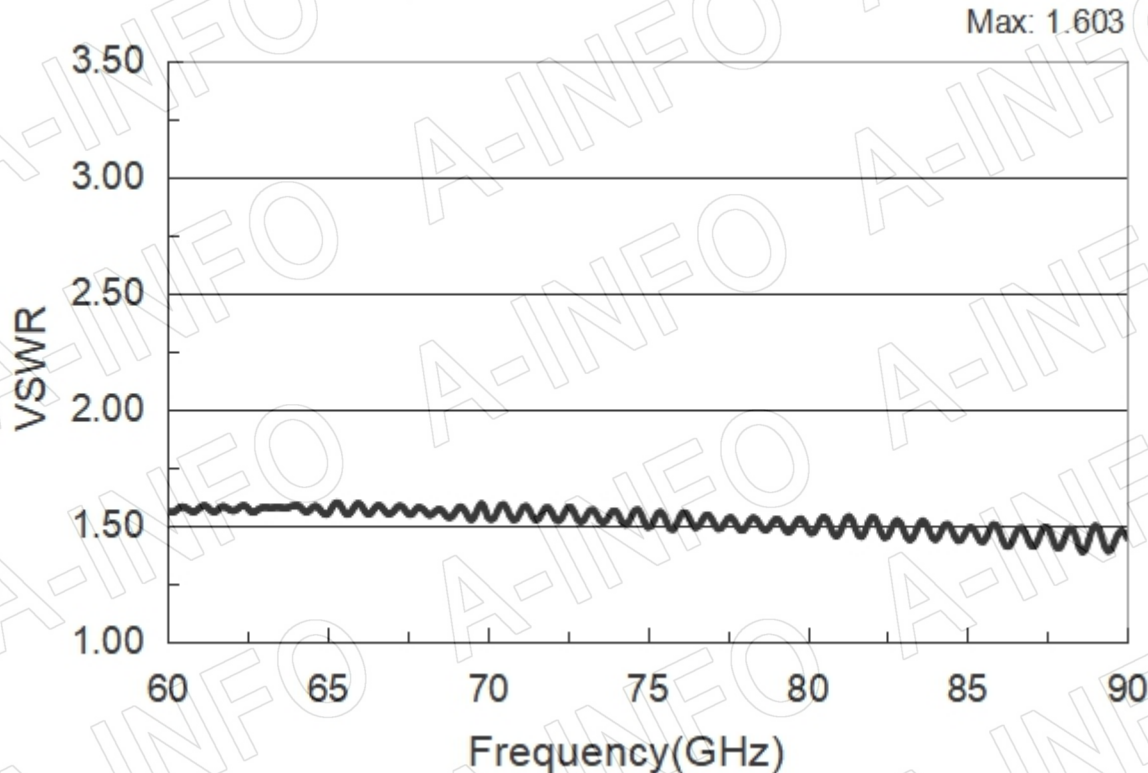
1. Gain & Antenna Factor



2. Cross Polarization Isolation



3. VSWR



4. Pattern

