

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

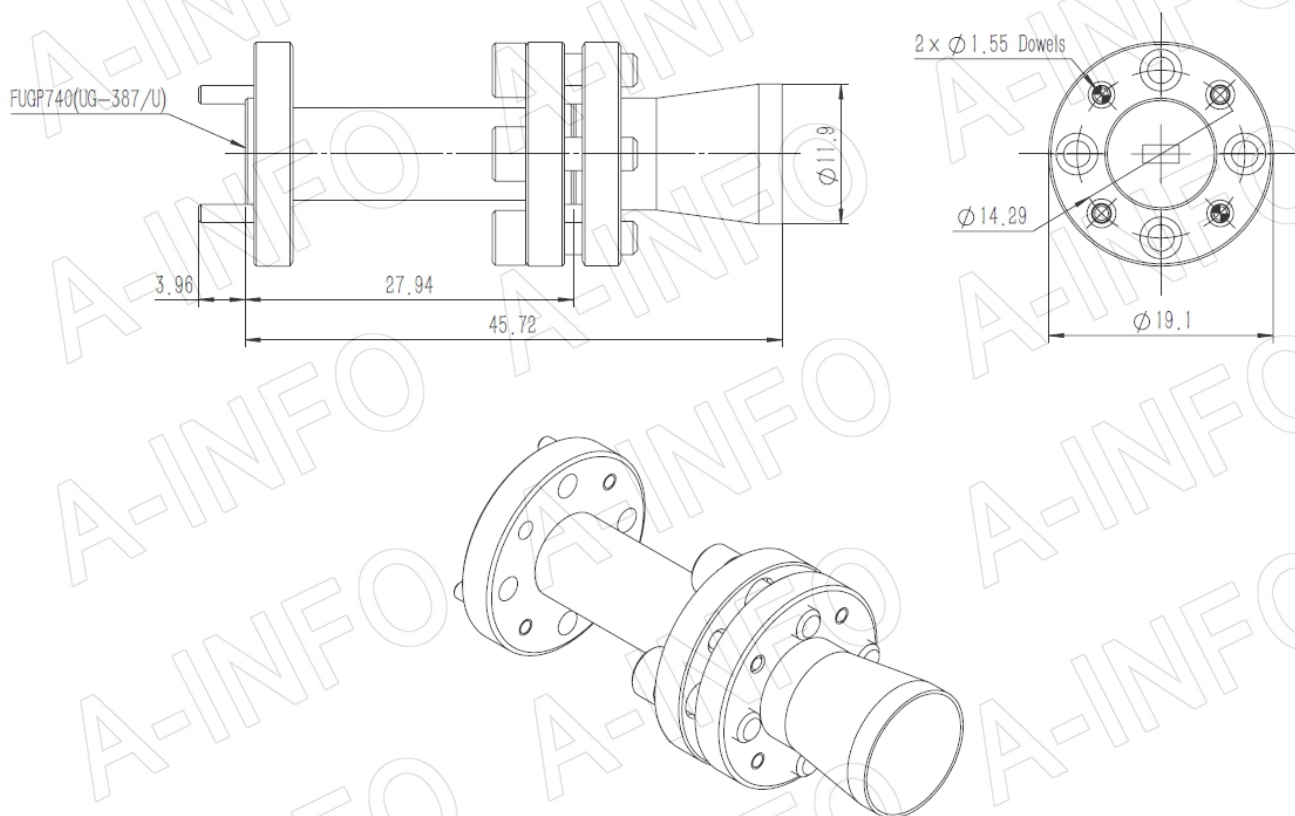
Technical Specification



Frequency Range(GHz)	60.0 – 90.0
Waveguide	WR12
Gain(dBi)	15 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 22 Typ.
	H Plane: 26 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	A Type: 1.25:1 Max.
	C Type: 1.50:1 Max.
Output	A Type: FUGP740(UG-387/U)
	C Type: 1.0mm-Female
Material	Cu
Finish	Gold Plated
Size(mm)	A Type: 19.1 x 19.1 x 45.72
	C Type: 19.1 x 25 x 71.1
Net Weight(Kg)	A Type: 0.04 Around
	C Type: 0.06 Around

Outline Drawing (Size: mm)

FUGP740 Output (P/N: LB-CNH-12-15-A)



AINFO Inc.

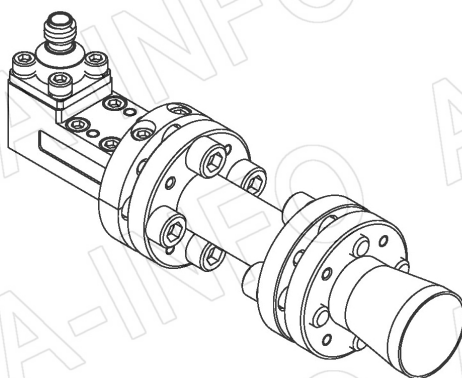
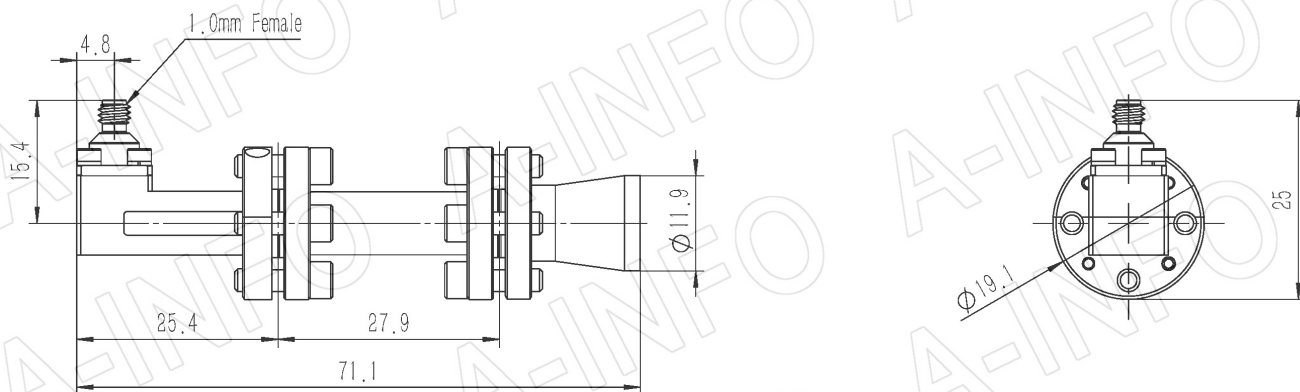
China(Beijing): Tel: (+86) 10-6266-7326,
China(Chengdu): Tel: (+86) 28-8519-2786,
USA : Tel: (+1) 949-639-9688,

Page 1 of 15

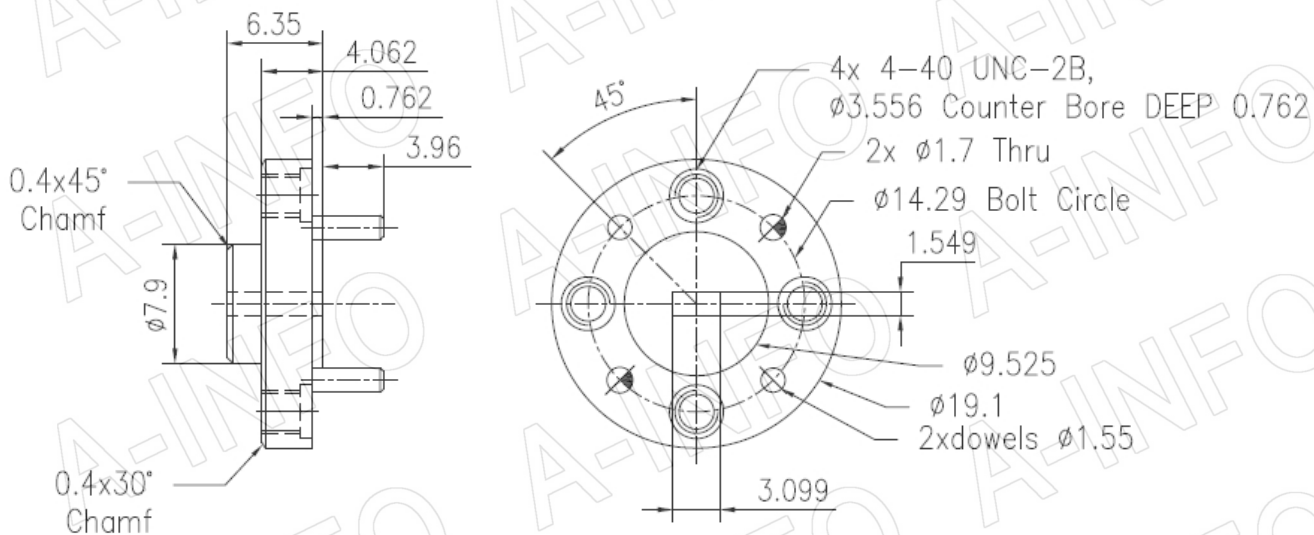
(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

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

1.0mm-Female Output (P/N: LB-CNH-12-15-C-1.0F)



Flange Drawing (Size: mm)



FUGP740
(equivalent to UG-387/U)

AINFO Inc.

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

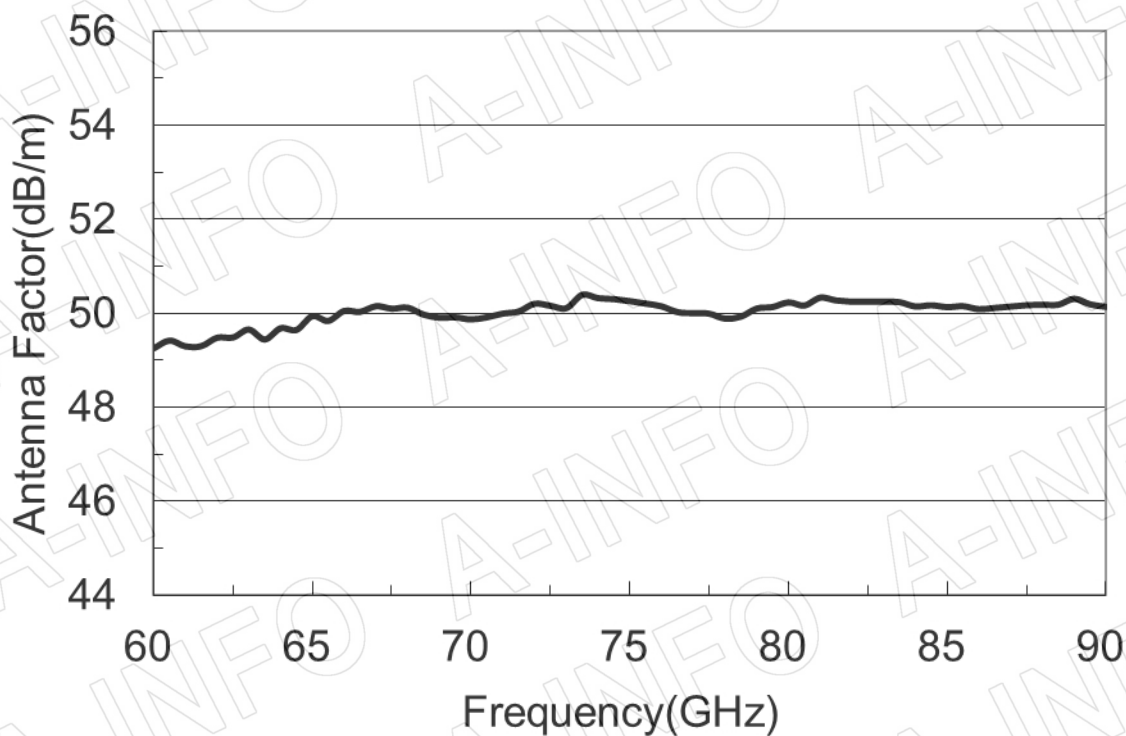
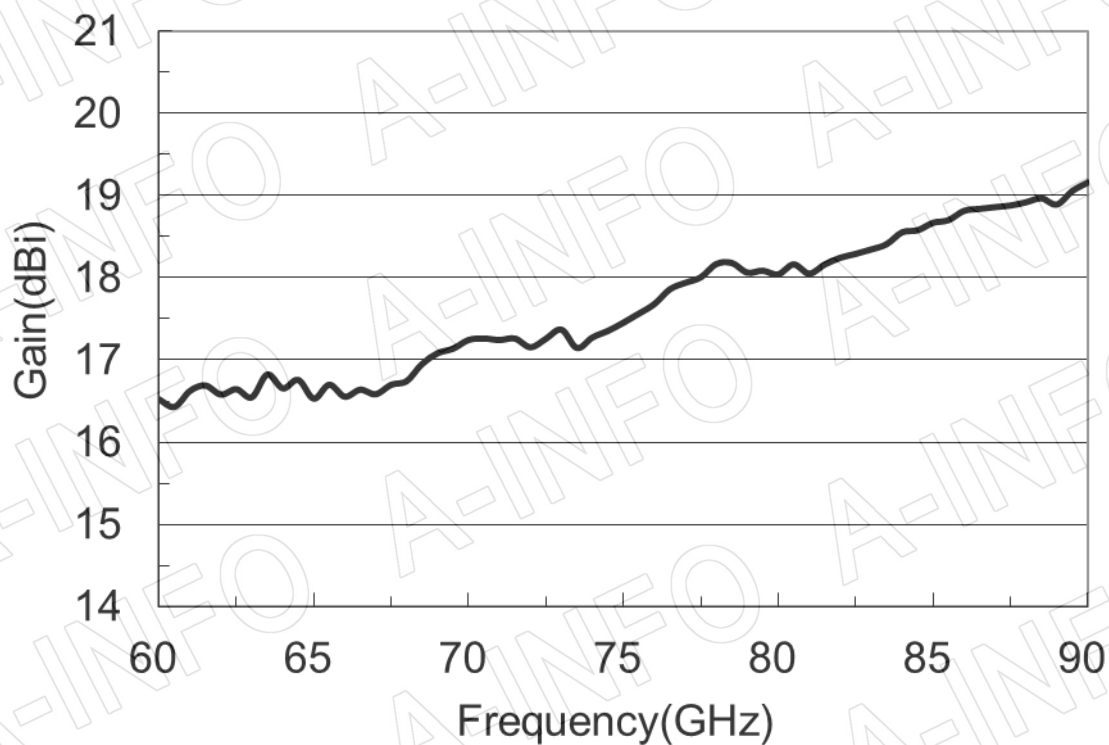
Page 2 of 15

(+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

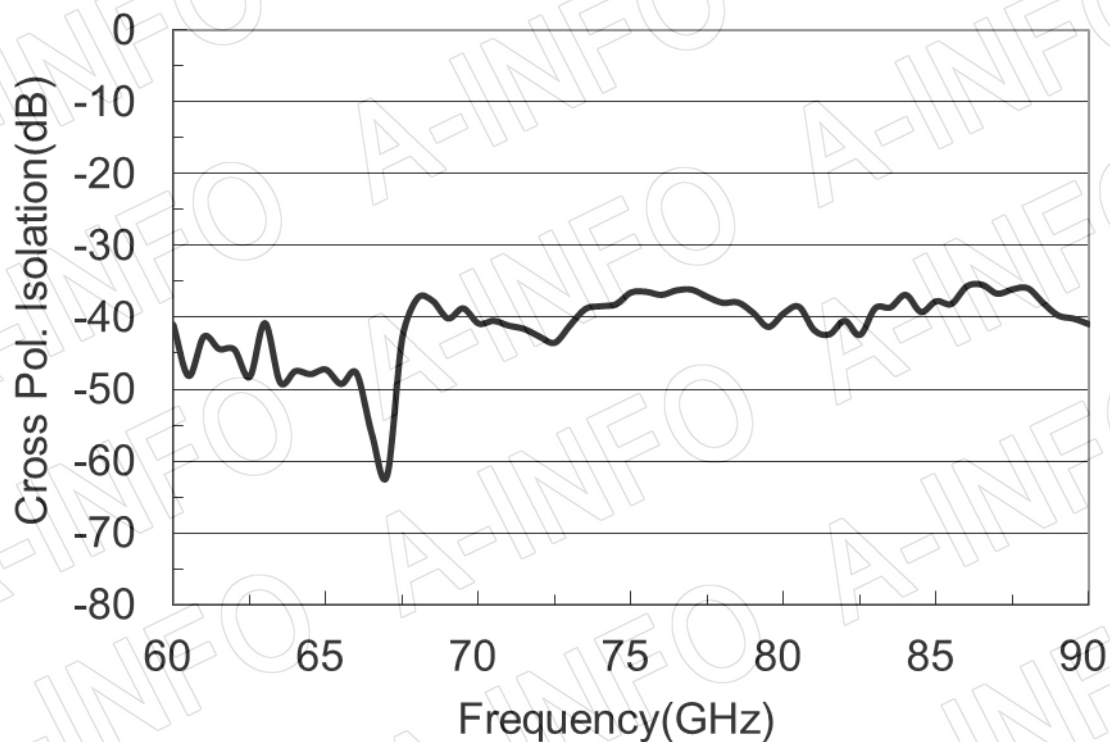
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

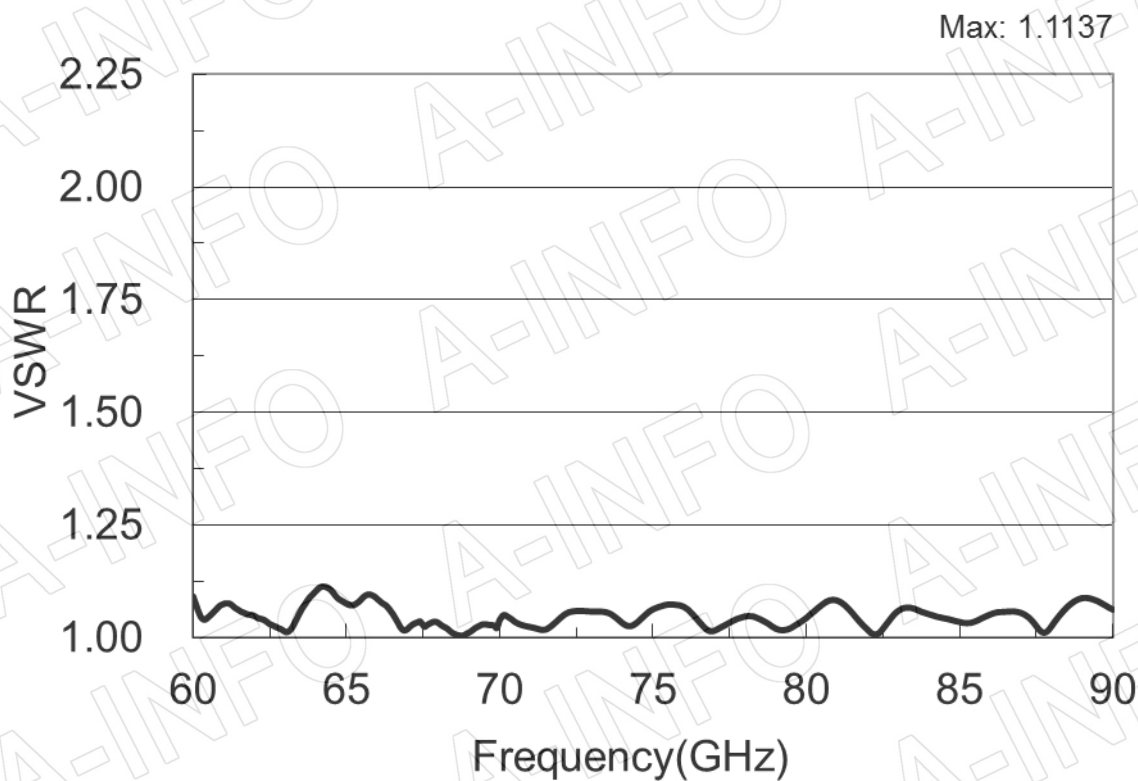
1. Gain & Antenna Factor



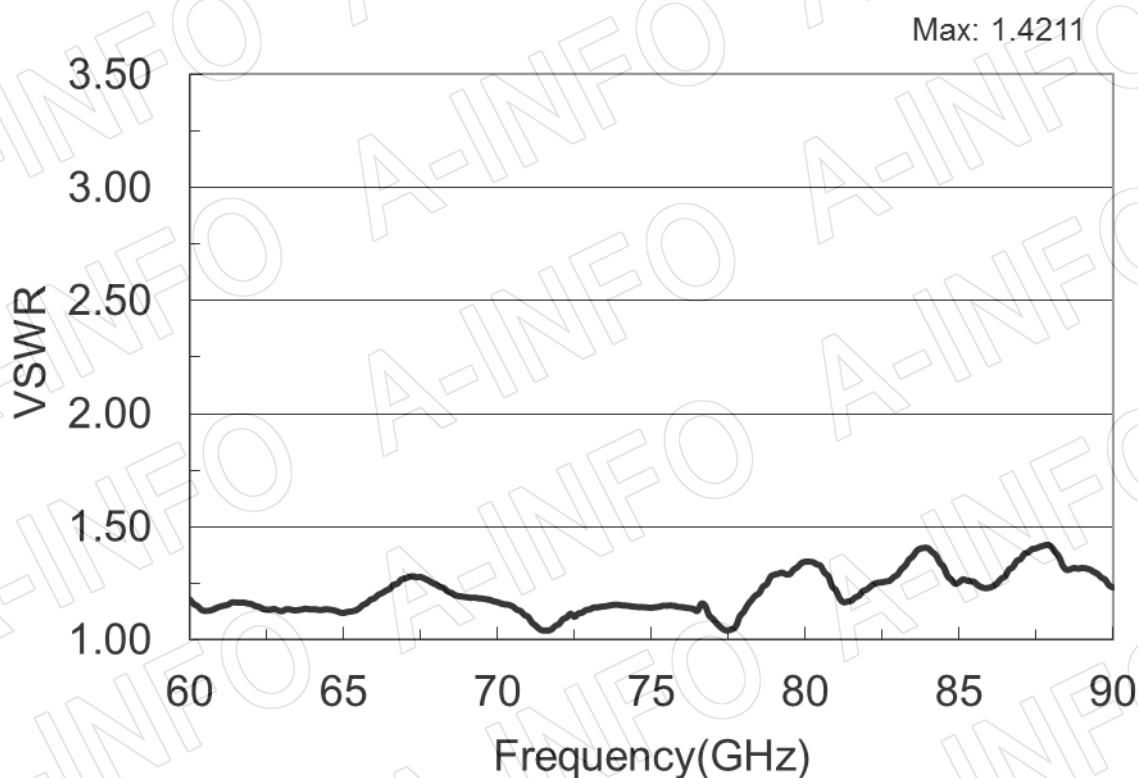
2. Cross Polarization Isolation



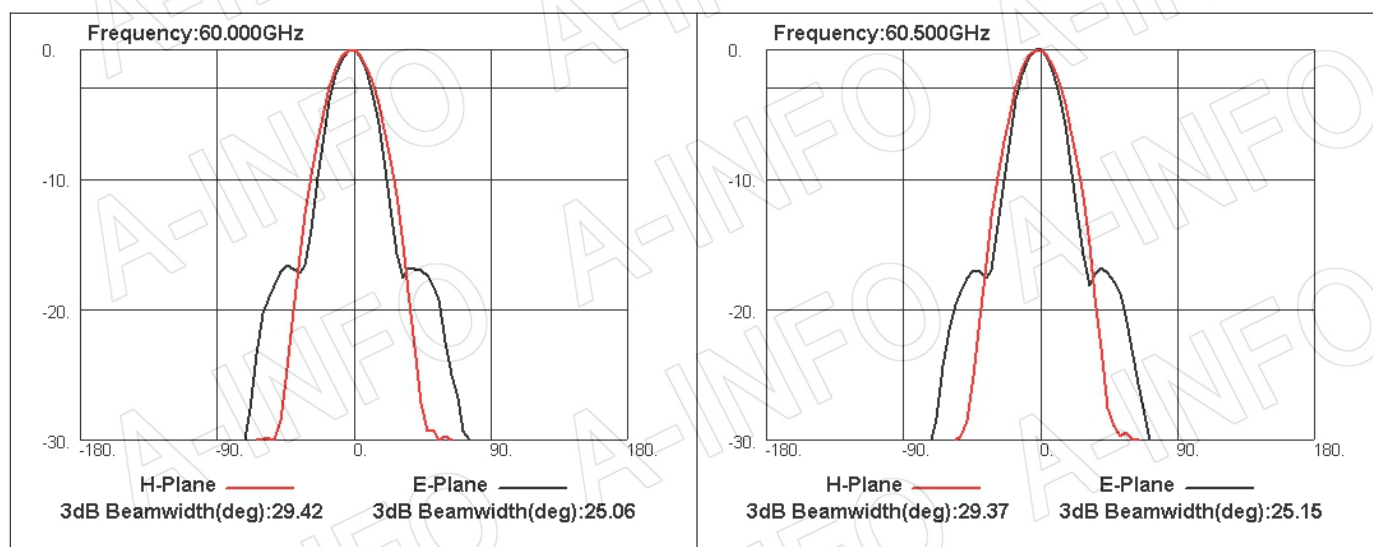
3. VSWR_A Type



VSWR_C Type



4. Pattern



AINFO Inc.

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

Page 5 of 15

(+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

