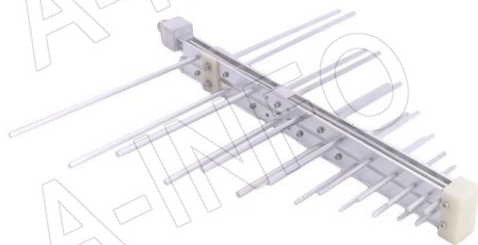
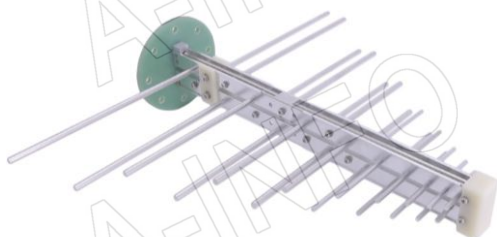


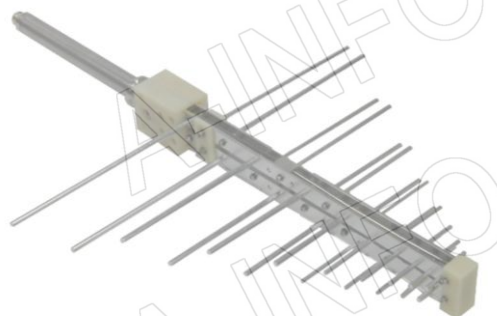
Technical Specification



<i>P/N:DS-40300</i>	
Frequency Range(GHz)	0.4 - 3.0
Gain(dBi)	6 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 82 - 33
	H Plane: 148 - 86
VSWR	1.5:1 Typ. / 2.5:1 Max.
Output	N-Female
Average Power(W CW)	300 (150 @ 3.0GHz)
Peak Power(KW)	3
Material	Al
Size(mm)	410.4 x 53 x 382
Net Weight(Kg)	0.46 Around



<i>P/N:DS-40300C</i>	
Frequency Range(GHz)	0.4 - 3.0
Gain(dBi)	6 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 82 - 33
	H Plane: 148 - 86
VSWR	1.5:1 Typ. / 2.5:1 Max.
Output	N-Female
Average Power(W CW)	300 (150 @ 3.0GHz)
Peak Power(KW)	3
Material	Al
Size(mm)	410.4 x 100 x 374
Net Weight(Kg)	0.57 Around



<i>P/N:DS-40300E</i>	
Frequency Range(GHz)	0.4 - 3.0
Gain(dBi)	6 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 82 - 33
	H Plane: 148 - 86
VSWR	1.5:1 Typ. / 2.5:1 Max.
Output	N-Female
Average Power(W CW)	300 (150 @ 3.0GHz)
Peak Power(KW)	3
Material	Al
Size(mm)	410.4 x 50 x 594
Net Weight(Kg)	0.85 Around

AINFO Inc.

Page 1 of 9

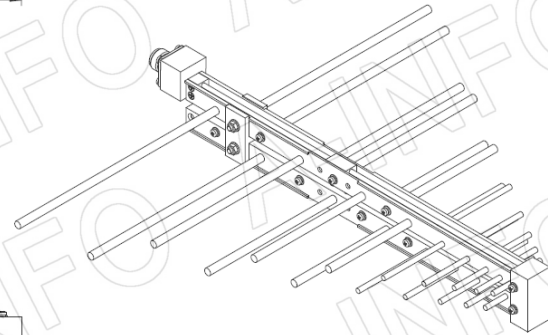
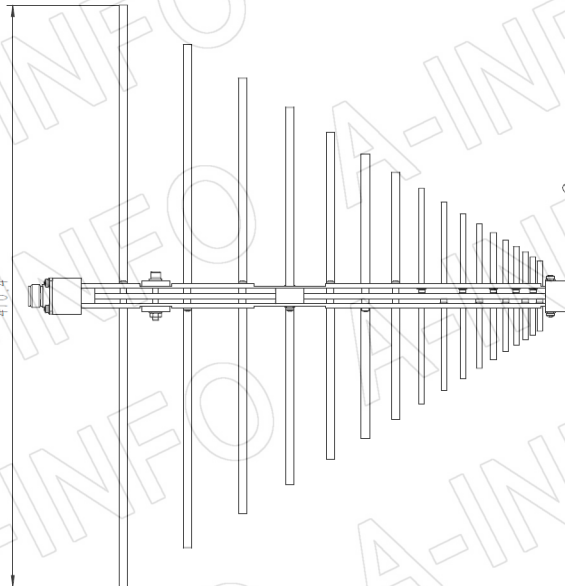
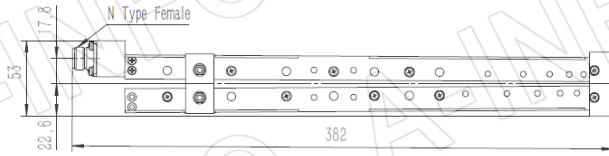
 China(Beijing): Tel: (+86) 10-6266-7326,
 China(Chengdu): Tel: (+86) 28-8519-2786,
 USA: Tel: (+1) 949-639-9688,

 (+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

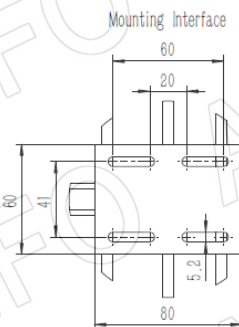
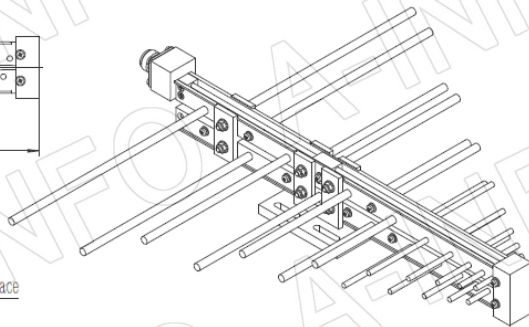
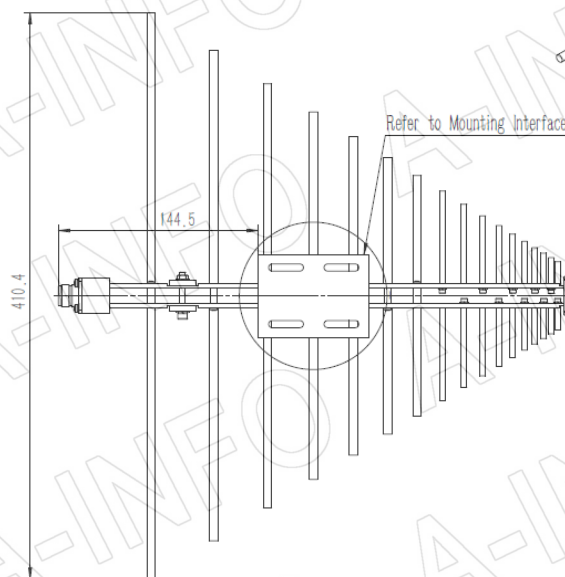
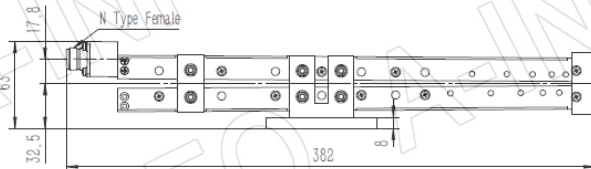
 Website: www.ainfoinc.com
 Email: sales@ainfoinc.com

Outline Drawing (Size: mm)

DS-40300 (P/N: DS-40300)



DS-40300 with Mounting Bracket (Option, P/N: DS-40300-MB)



AINFO Inc.

Page 2 of 9

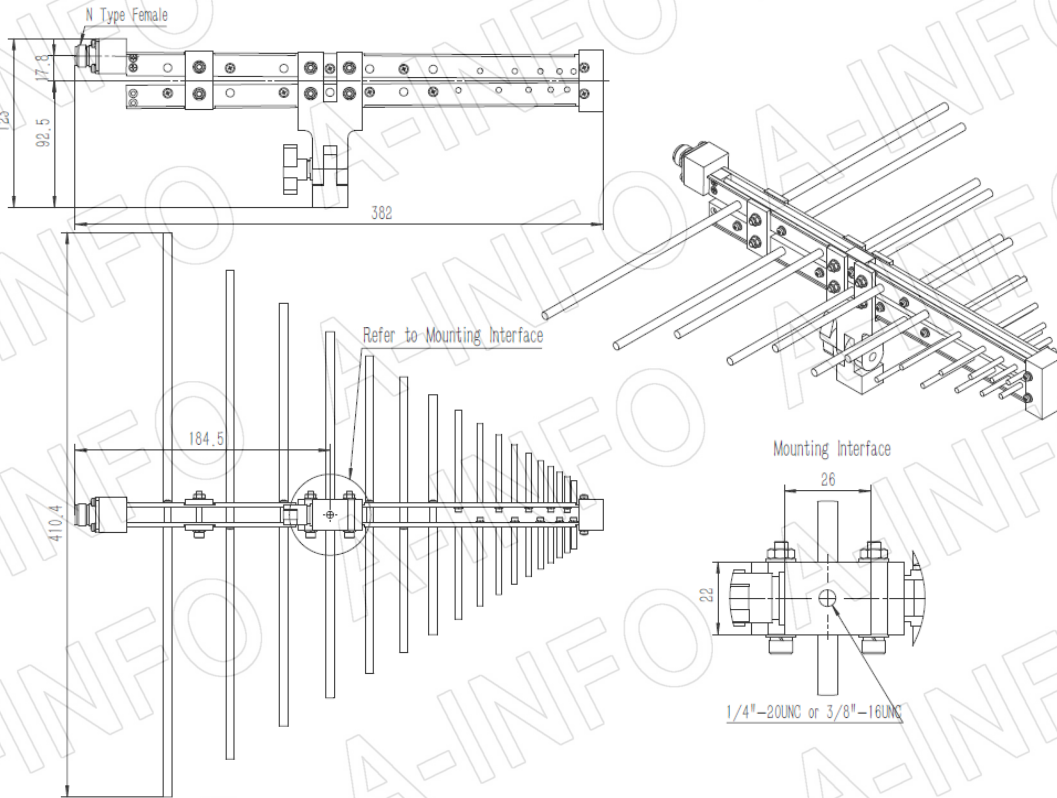
China(Beijing): Tel: (+86) 10-6266-7326,
 China(Chengdu): Tel: (+86) 28-8519-2786,
 USA: Tel: (+1) 949-639-9688,

(+86) 10-6266-7327
 (+86) 28-8519-3044
 (+1) 949-639-9608

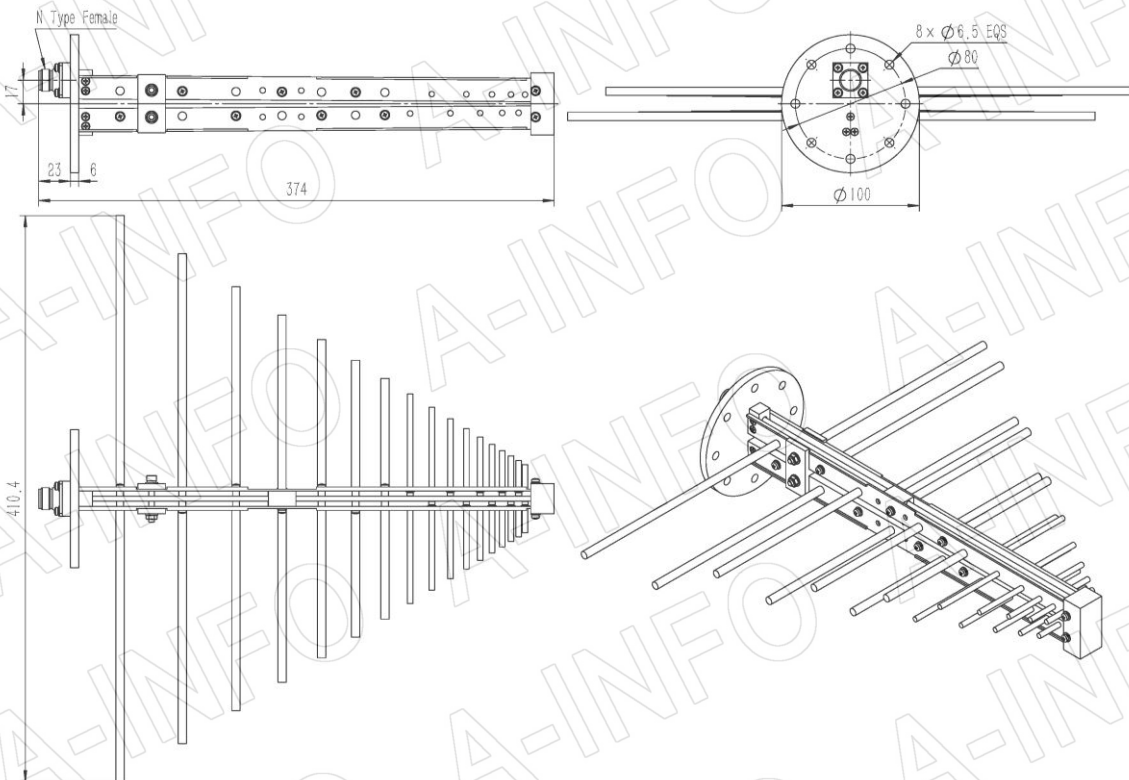
Fax: (+86) 10-6266-7379
 Fax: (+86) 28-8519-3068
 Fax: (+1) 949-639-9670

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

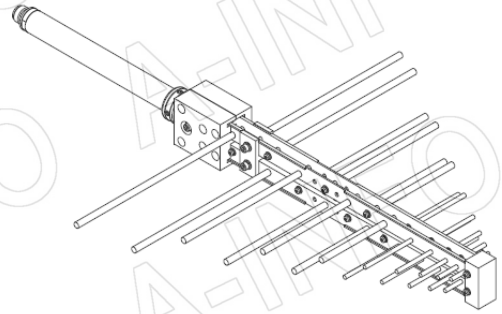
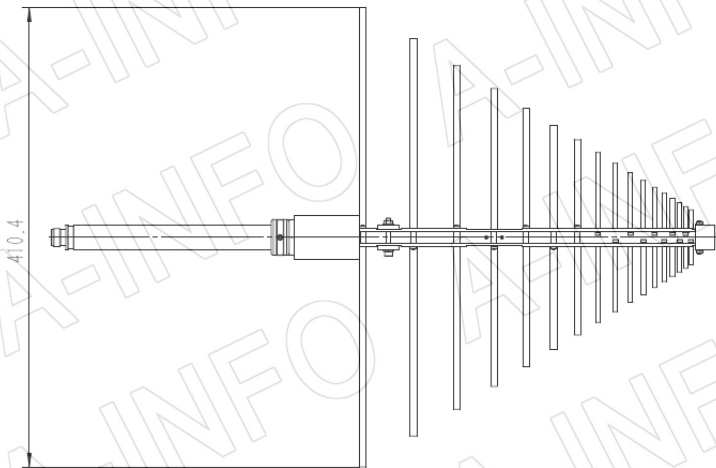
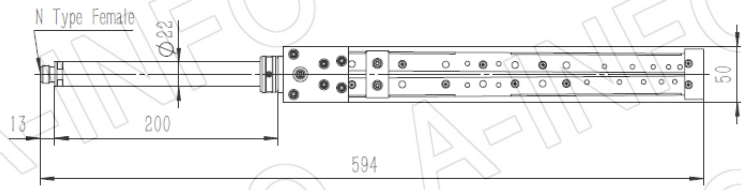
DS-40300 with Mounting Bracket for Tripod Application (Option, P/N: DS-40300-MBA)



DS-40300C (P/N: DS-40300C)



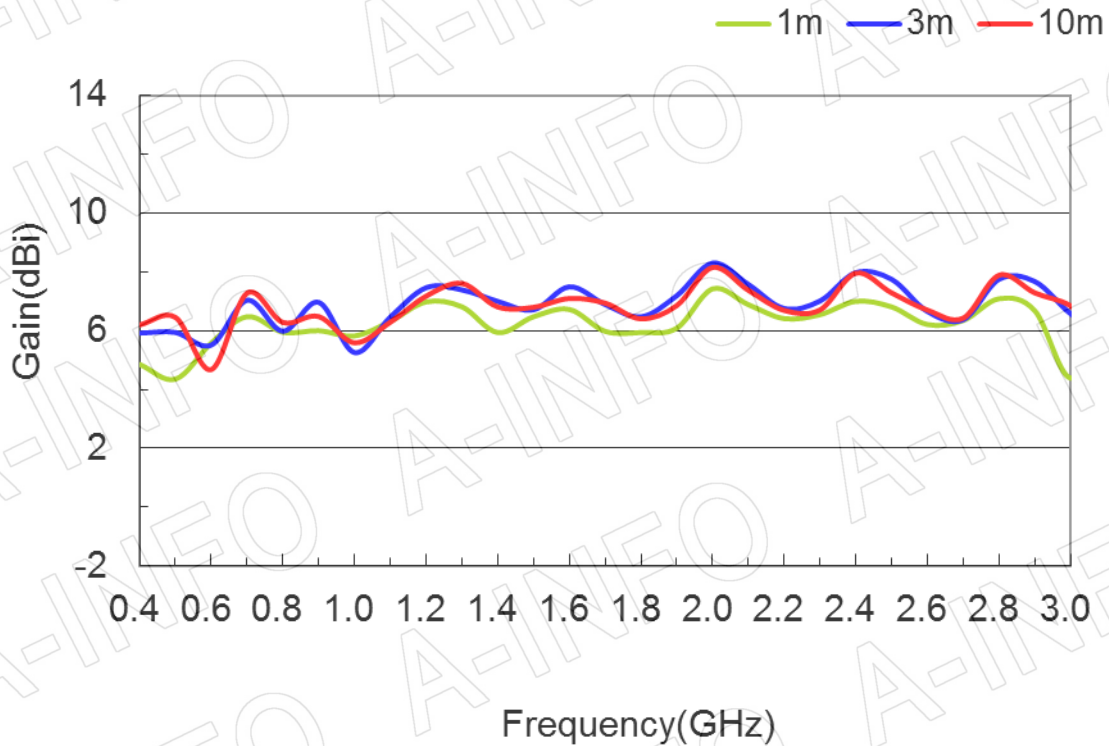
DS-40300E (P/N: DS-40300E)



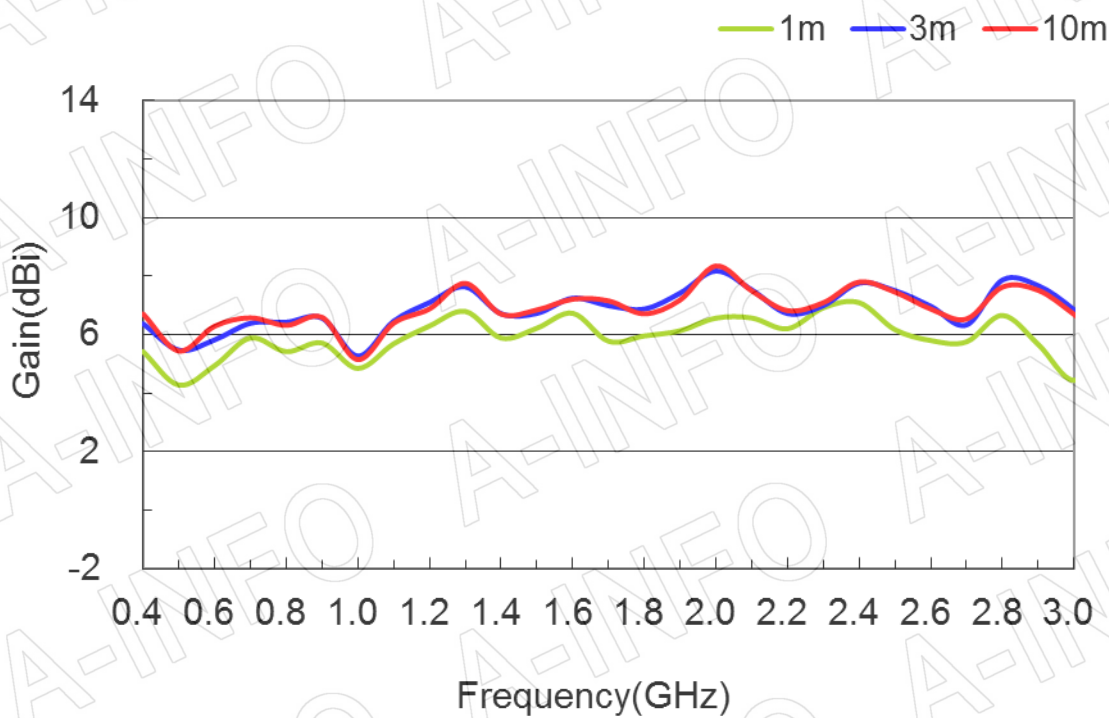
Test Results

1. Gain

Horizontal Pol.



Vertical Pol.



AINFO Inc.

Page 5 of 9

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

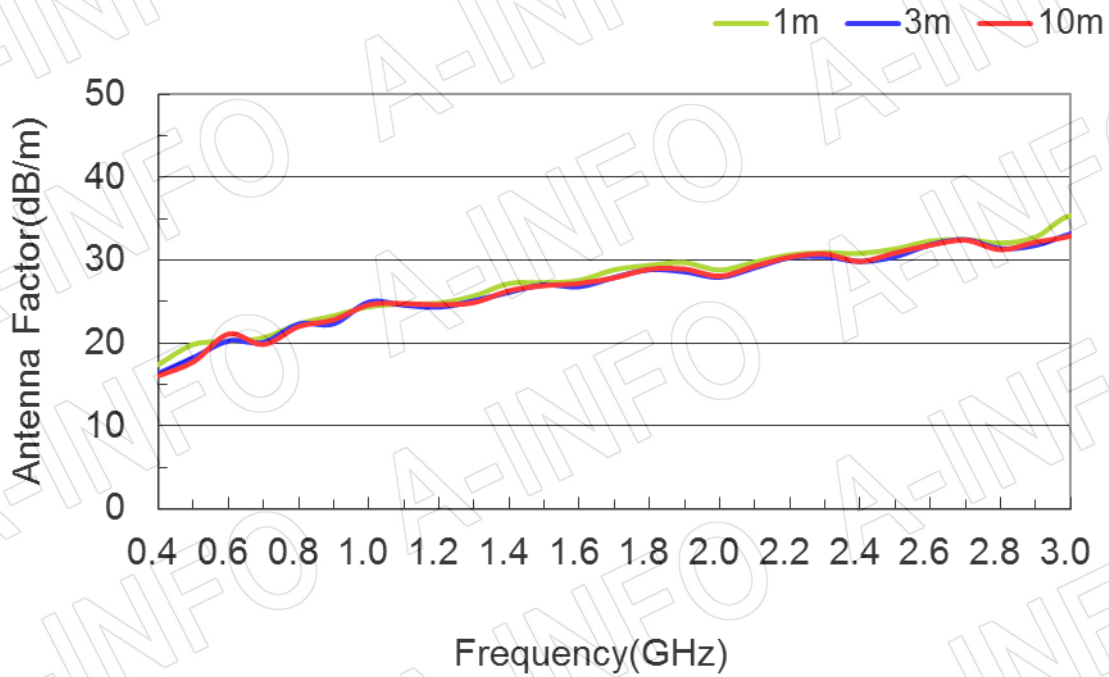
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

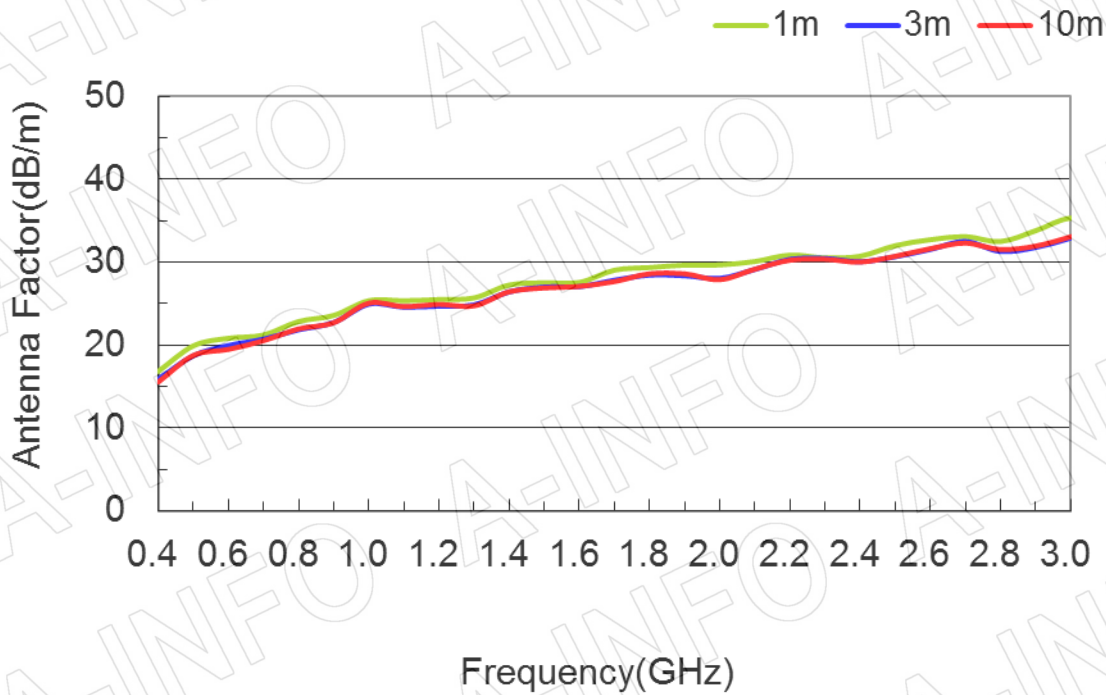
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

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

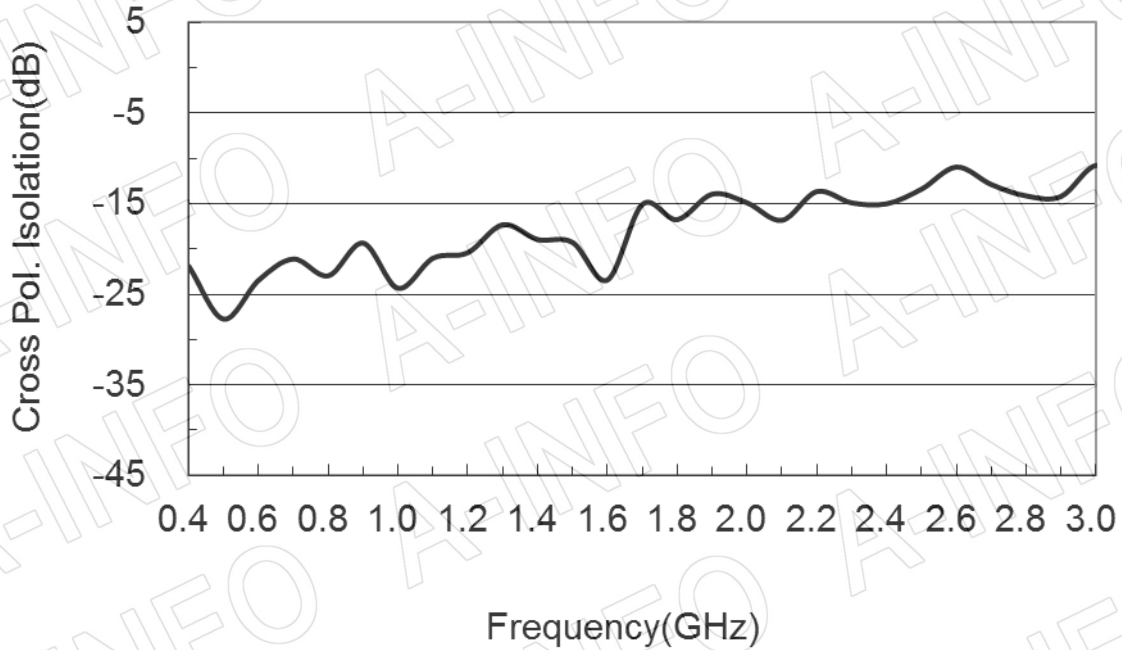
2. Antenna Factor Horizontal Pol.



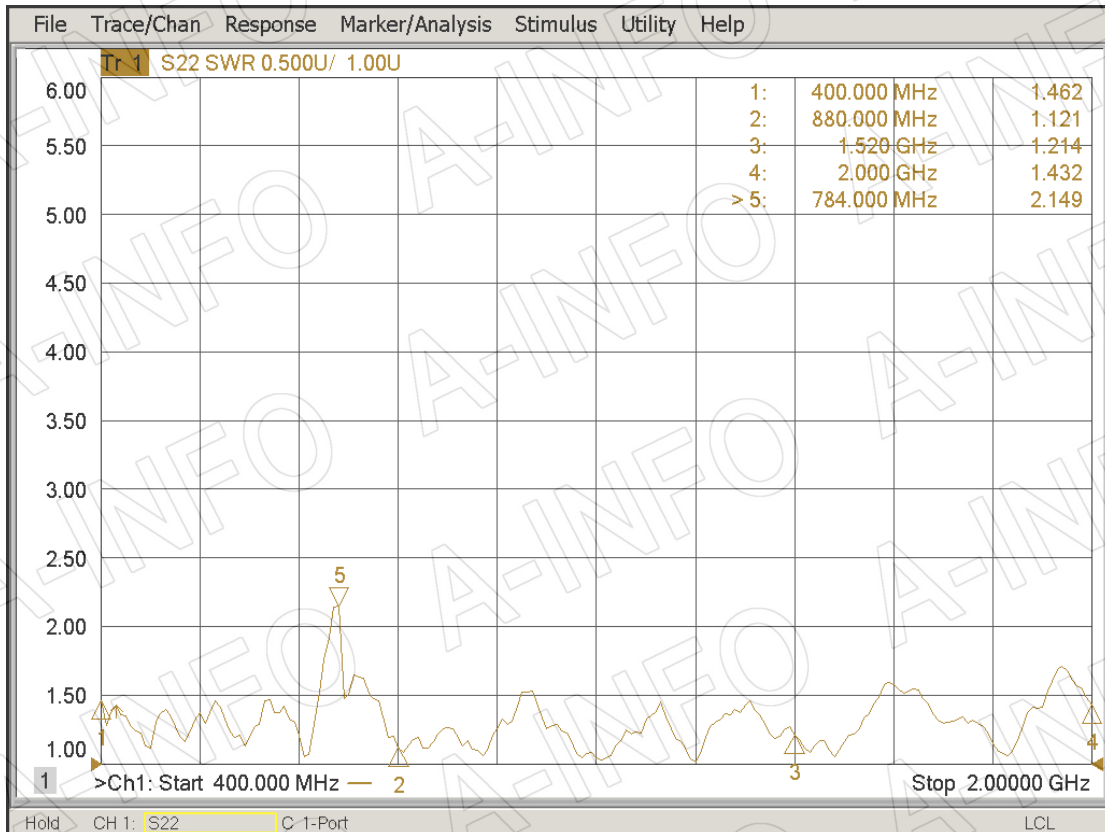
Vertical Pol.



3. Cross Polarization Isolation



4. VSWR



5. Pattern

