Technical Specification

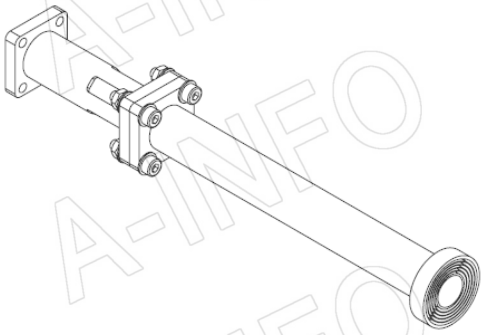
LB-ACH-34-10-C-KF

LB-ACH-34-10-C-KF-A1

Frequency Range(GHz)	22.0 – 33.0	
Waveguide	WR34	
Gain(dBi)	10 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E Plane:	55 Typ.
	H Plane:	57 Typ.
10dB Beamwidth(deg)	E Plane:	100 Typ.
	H Plane:	105 Typ.
Cross Pol. Isolation(dB)	45 Typ.	
VSWR	A Type:	1.20:1 Typ.
	C Type:	1.40:1 Typ.
Output	A Type:	FBP260(UBR260)
	C Type:	2.92mm-Female
Material	Al	
Size(mm)	A Type:	23.3 x 24.0 x 170.1
	C Type:	23.3 x 27.7 x 194.1
	A-A1:	266.4 x 266.4 x 170.1
	C-KF-A1:	266.4 x 266.4 x 194.1
Net Weight(Kg)	A Type:	0.10 Around
	C Type:	0.13 Around
	A-A1:	1.21 Around
	C-KF-A1:	1.24 Around

Outline Drawing (Size: mm)

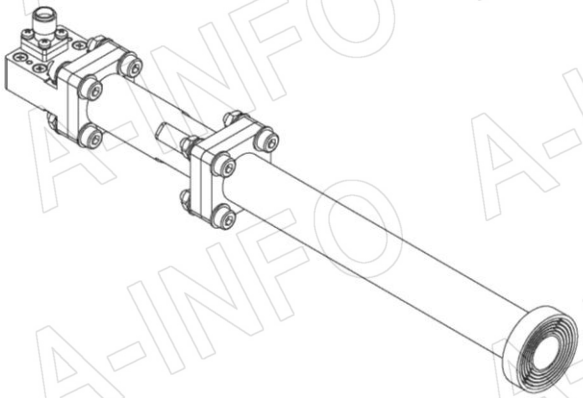
FBP260 Output (P/N: LB-ACH-34-10-A)



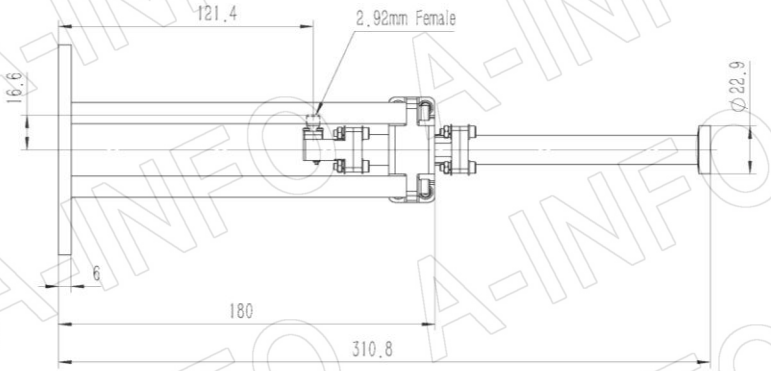
AINFO Inc.
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

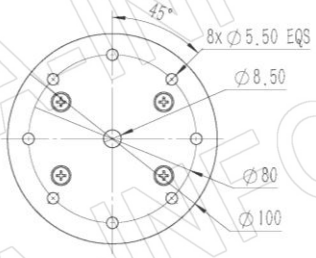
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

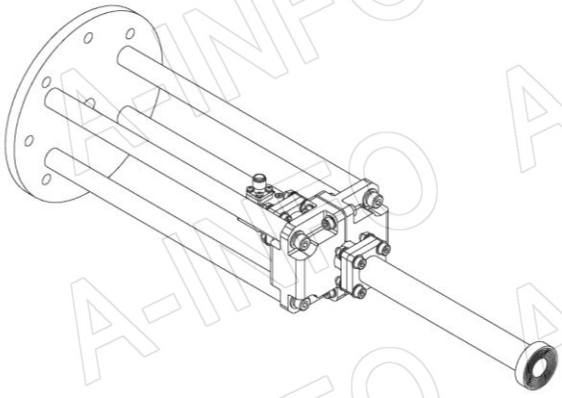
2.92mm-Female Output (P/N: LB-ACH-34-10-C-KF)



2.92mm-Female Output with Round Mounting Bracket (Option, P/N: LB-CNH-34-10-MB)



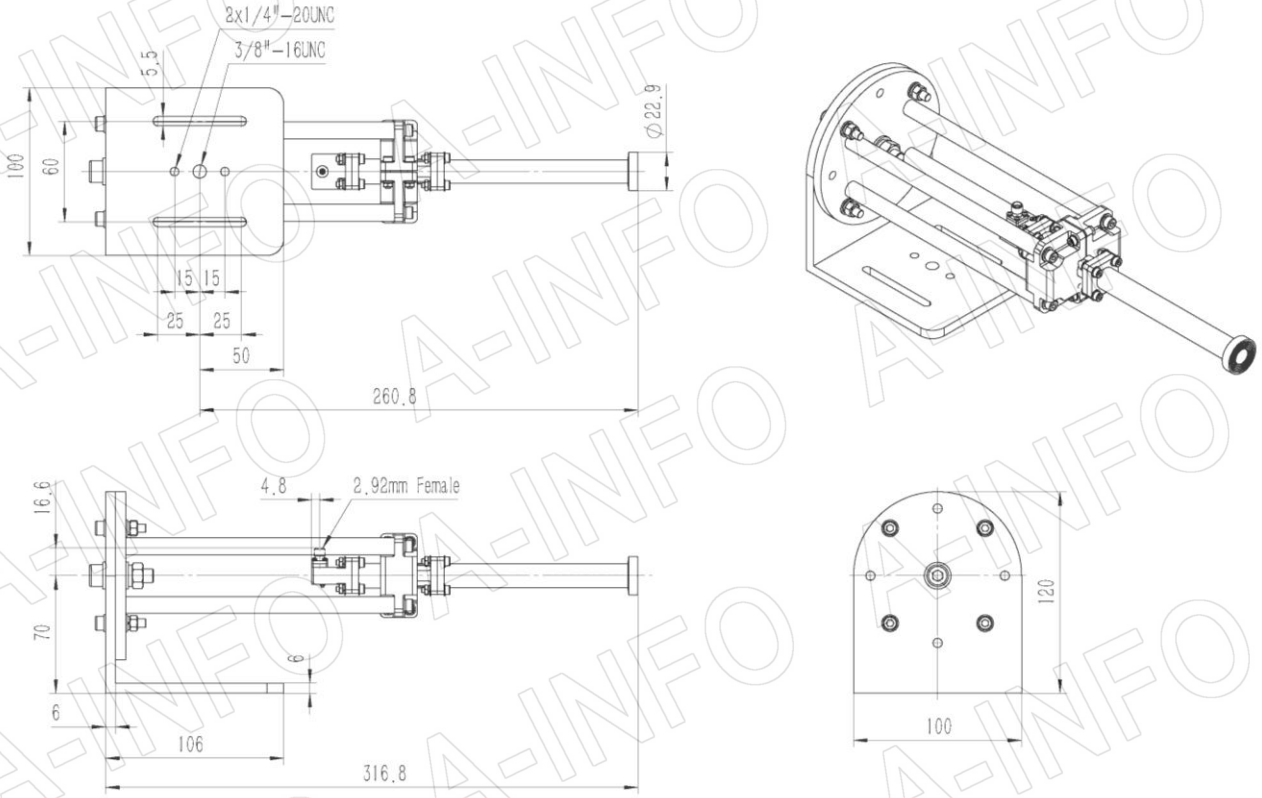




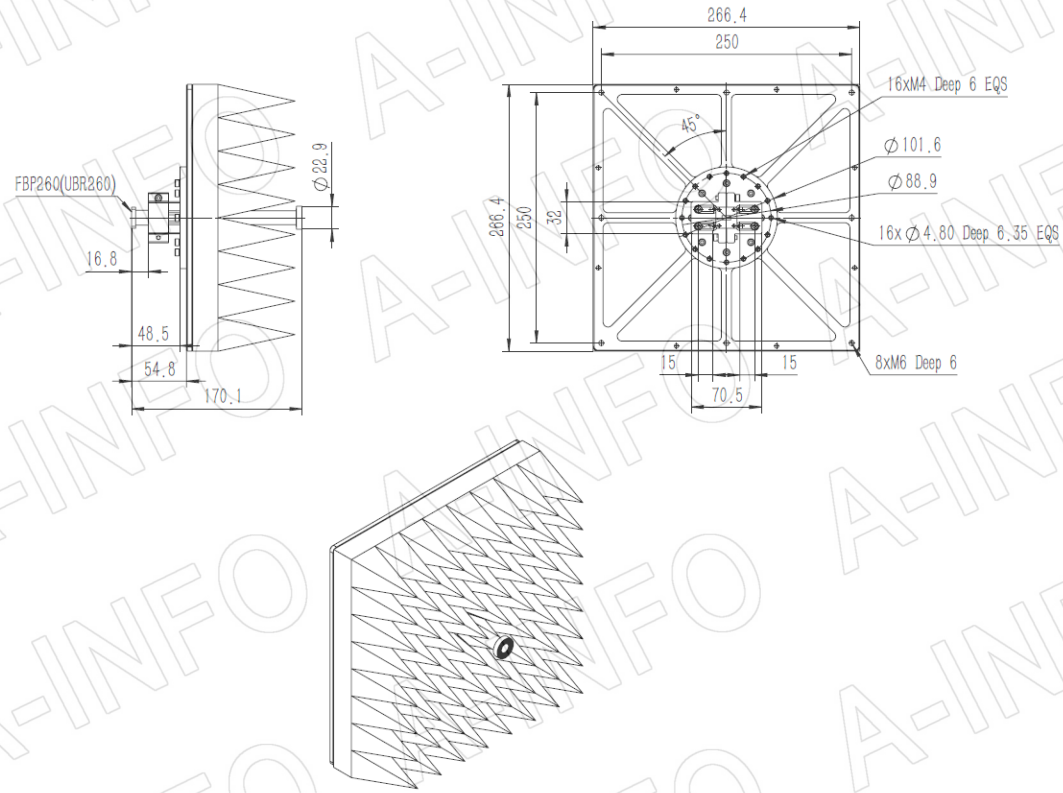
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

2.92mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-112-10-C-MBL)

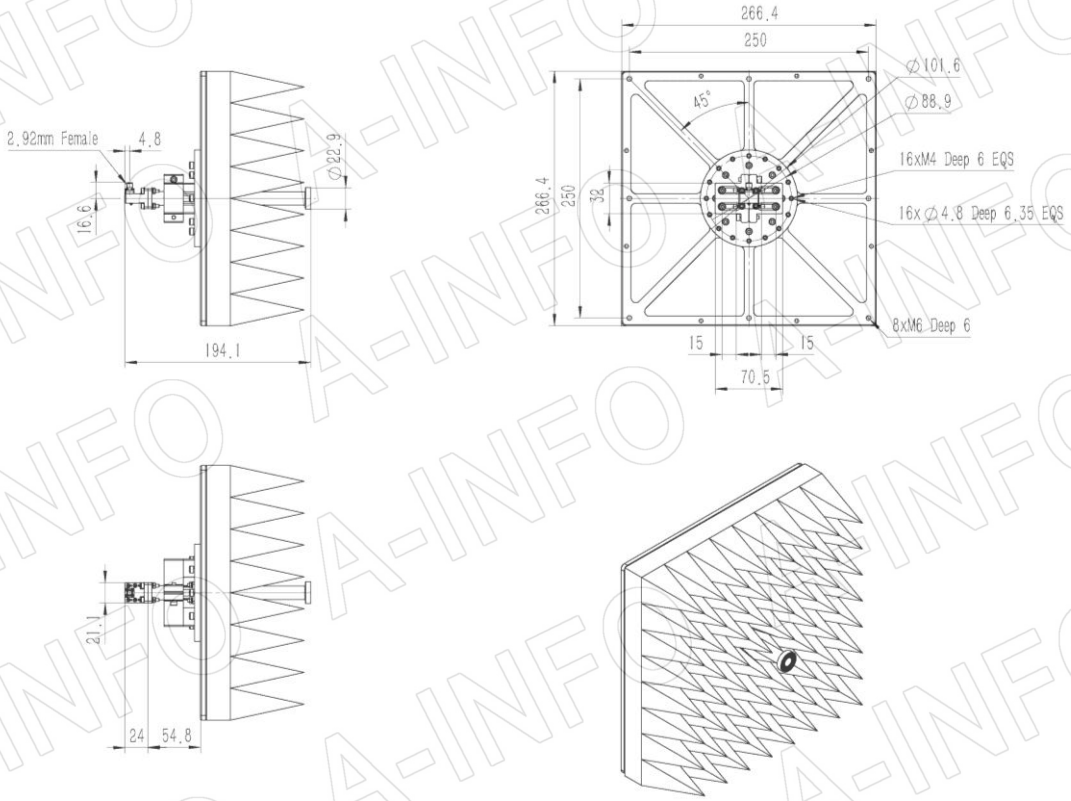


FBP260 Output, Equipped with Absorber (Option, P/N: LB-ACH-34-10-A-A1)

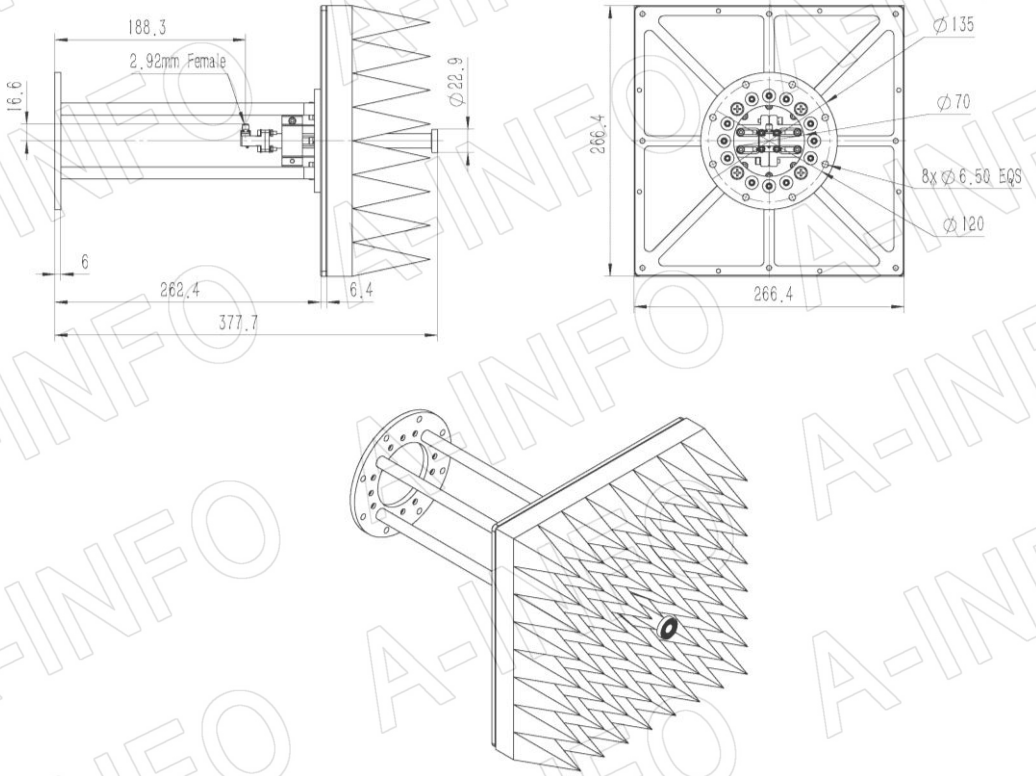


China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

2.92mm-Female Output, Equipped with Absorber (Option, P/N: LB-ACH-34-10-C-KF-A1)

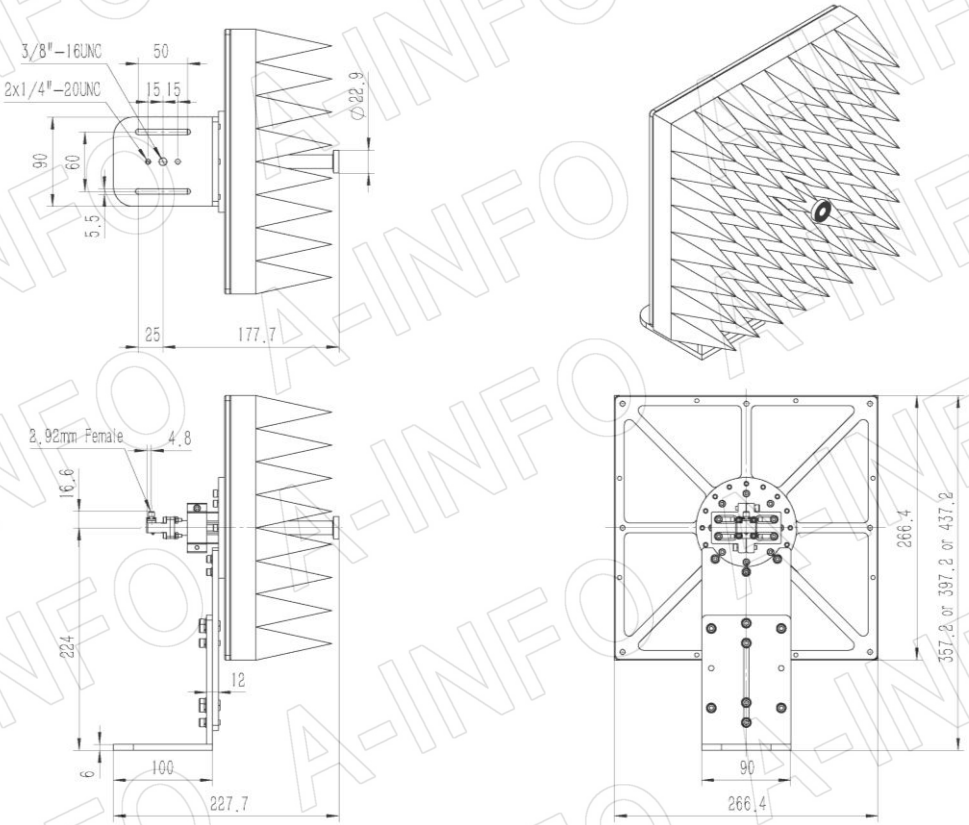


2.92mm-Female Output with Round Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-MB40 & LB-ACH-34-10-C-KF-A1)



China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

2.92mm-Female Output with L Type Mounting Bracket & Equipped with Absorber (Option, P/N: EWG-L40 & LB-ACH-34-10-C-KF-A1)

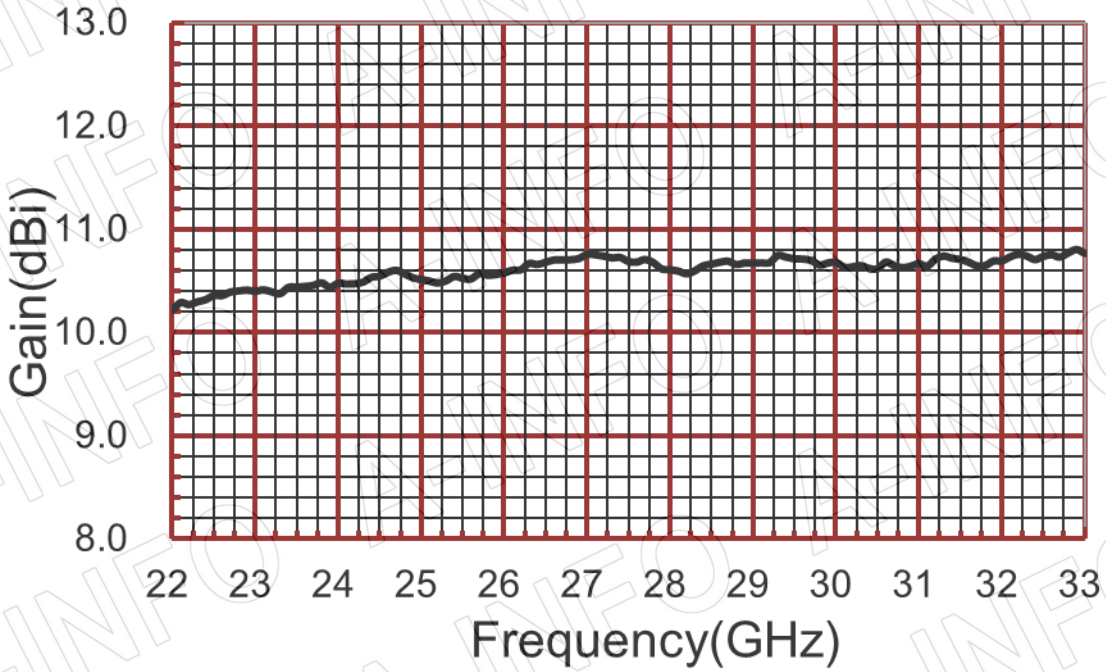


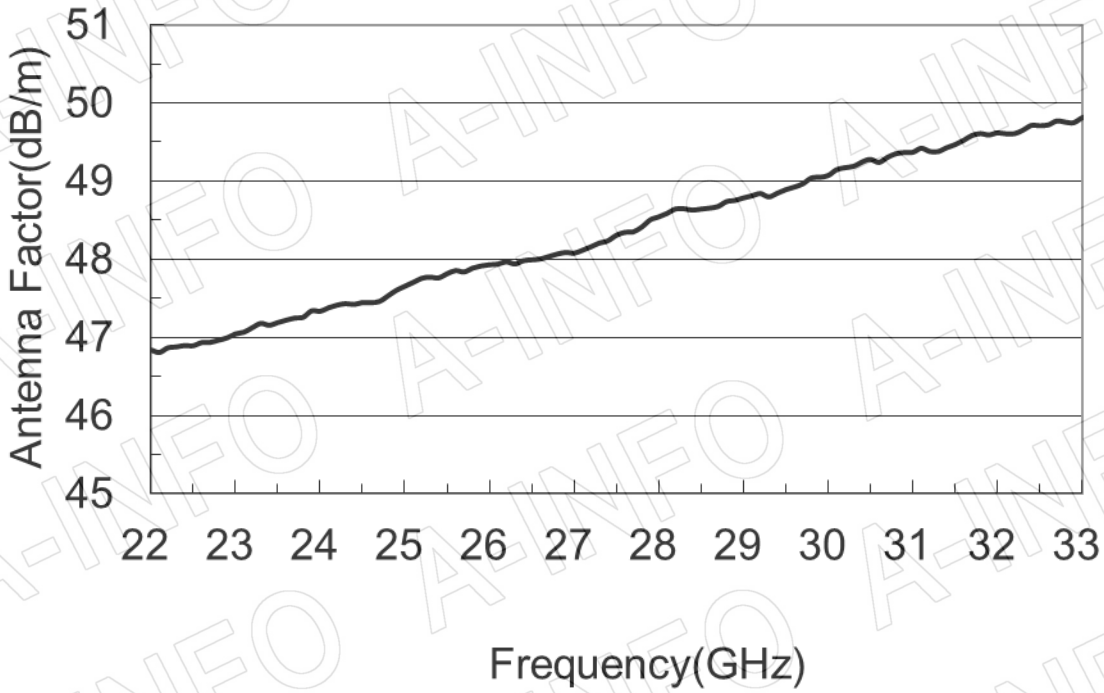
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

Test Results

1. Gain & Antenna Factor

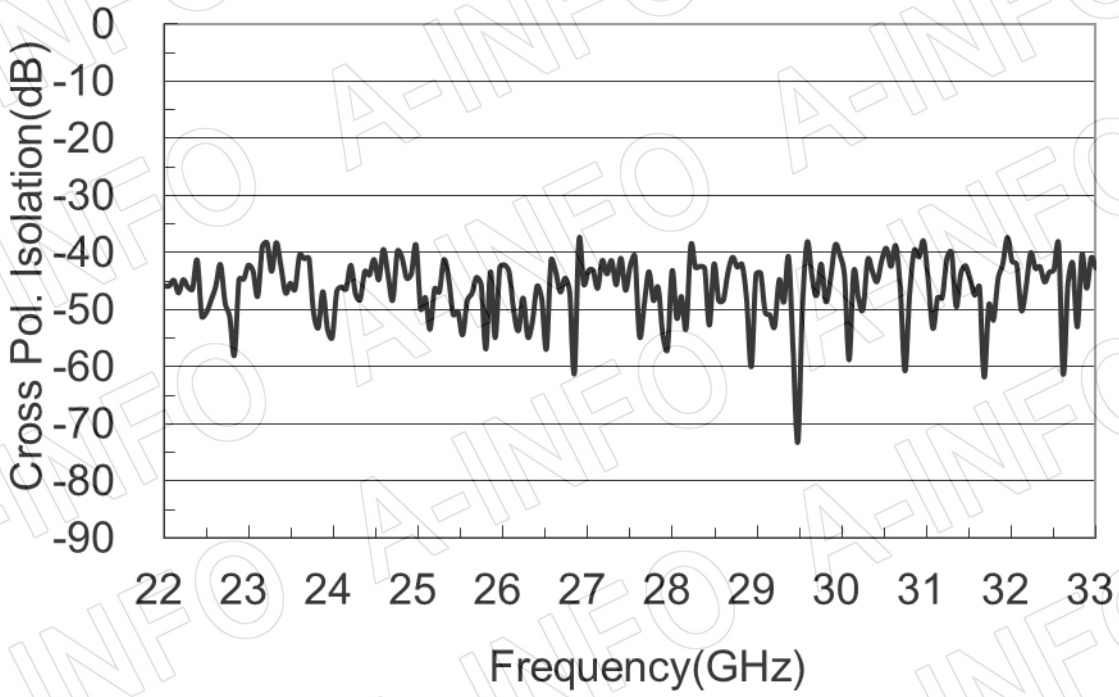




China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

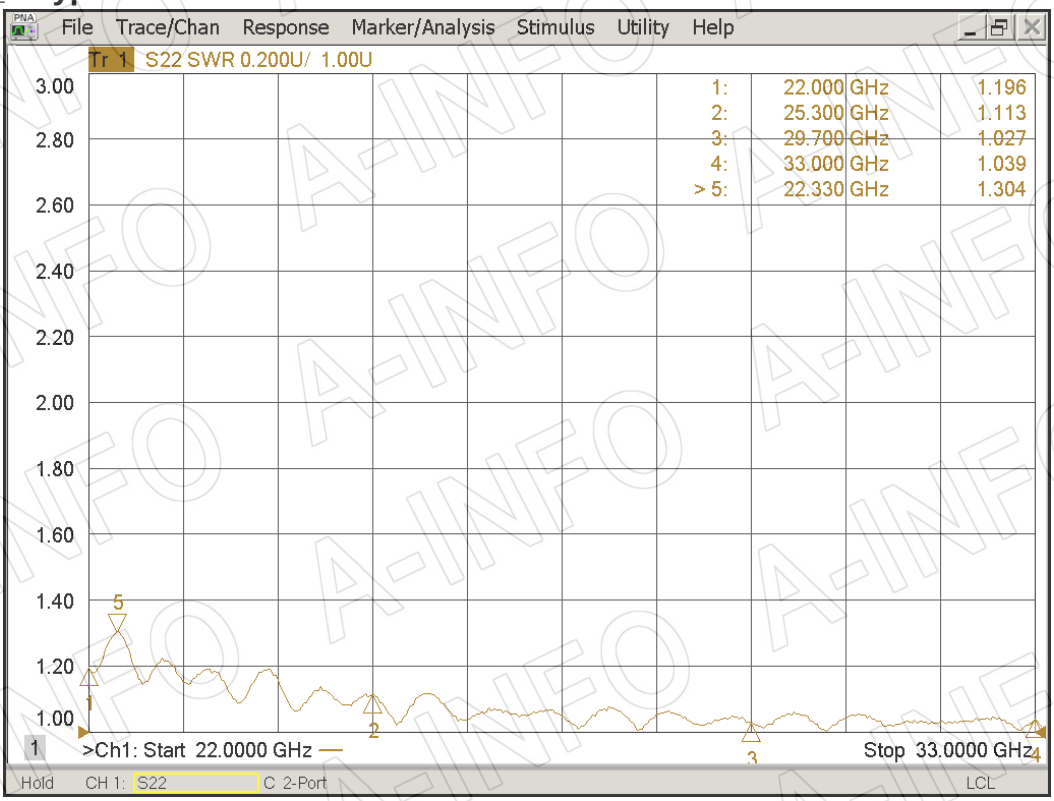
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

2. Cross Polarization Isolation

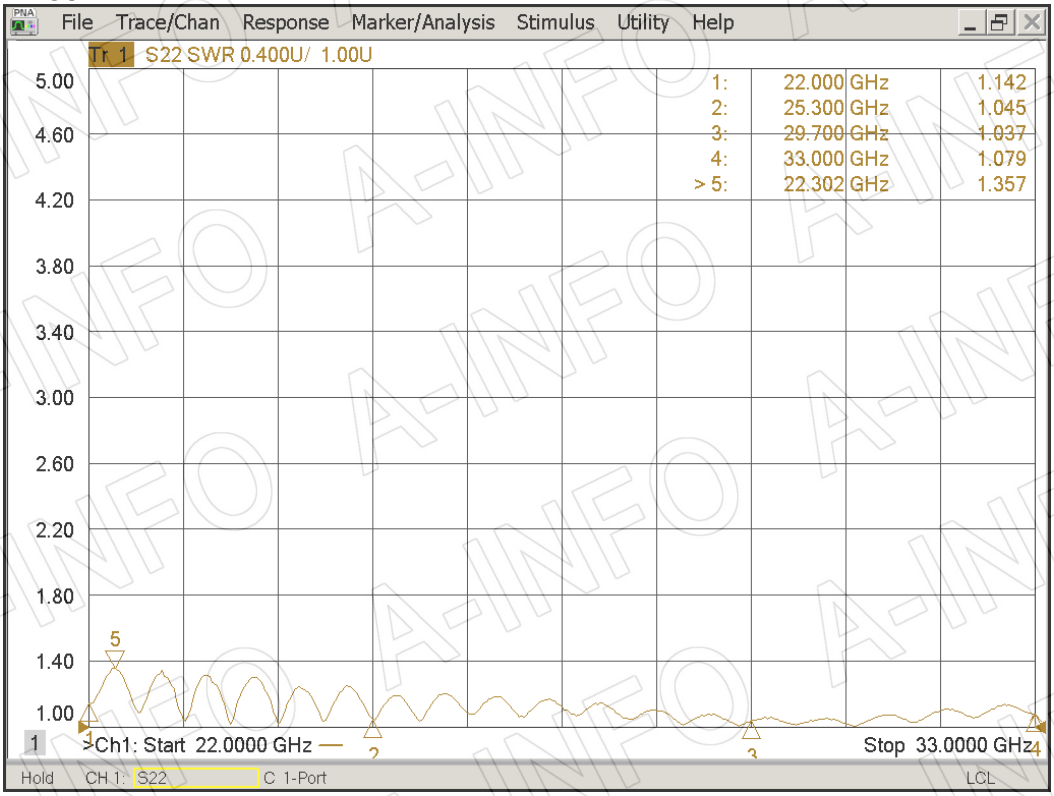


China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

3. VSWR_A Type

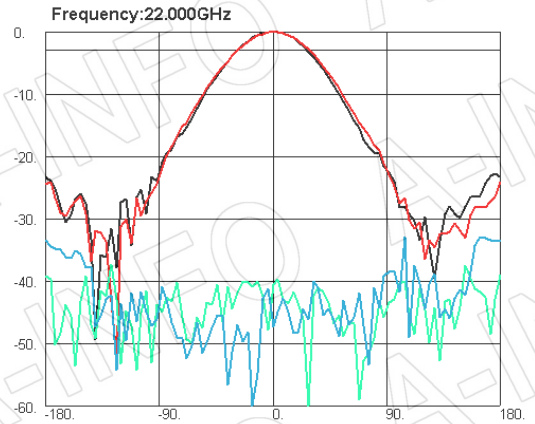


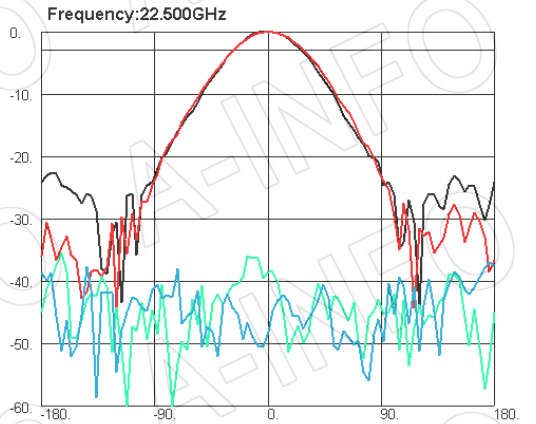
VSWR_C Type

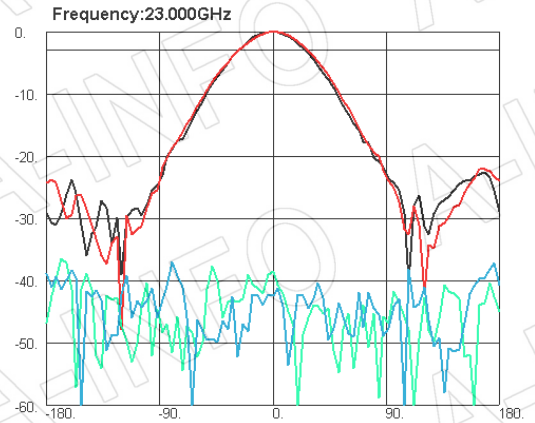


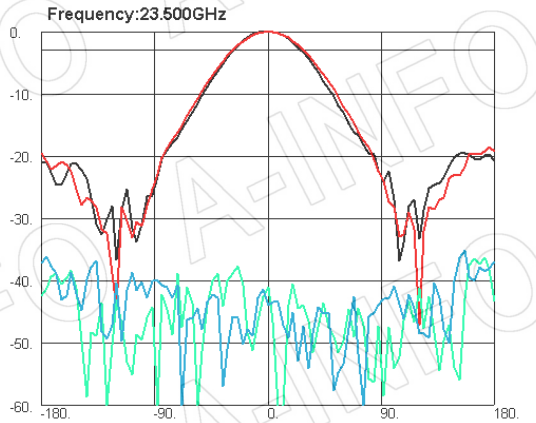
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

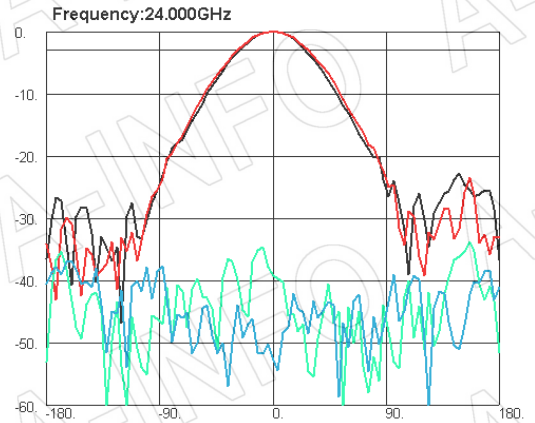
4. Pattern

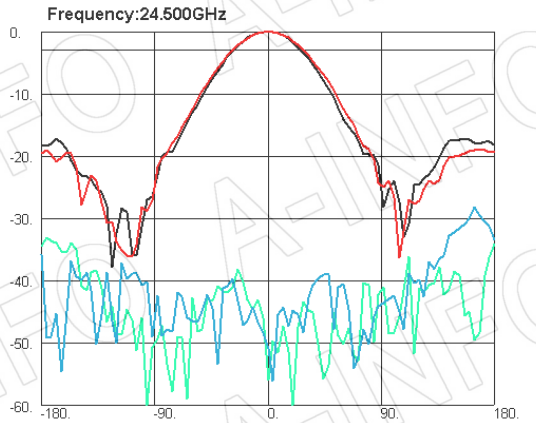




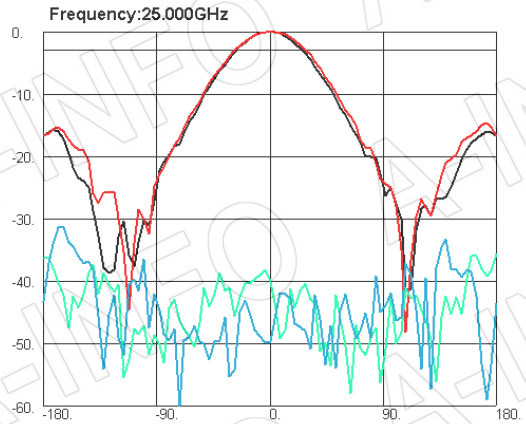




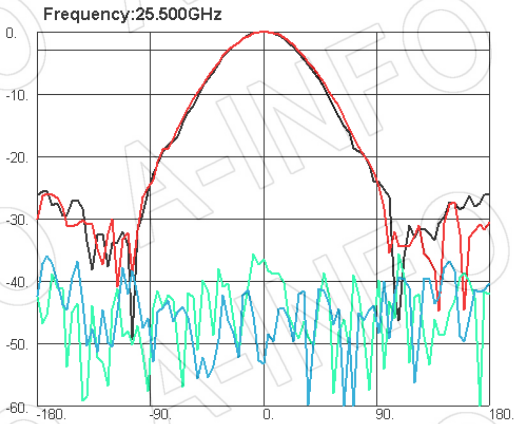




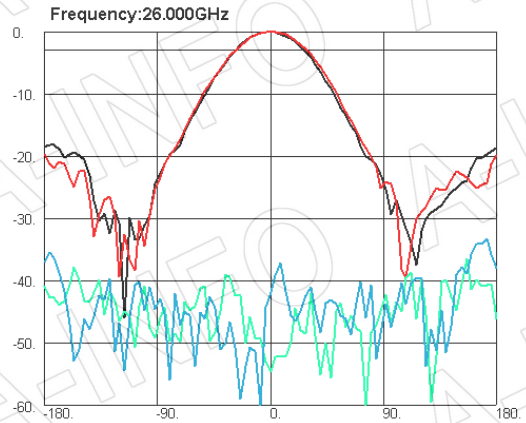
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com



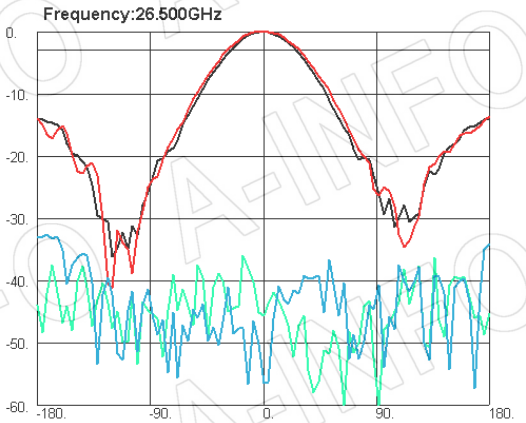
H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):56.48
3dB Beamwidth(deg):52.65



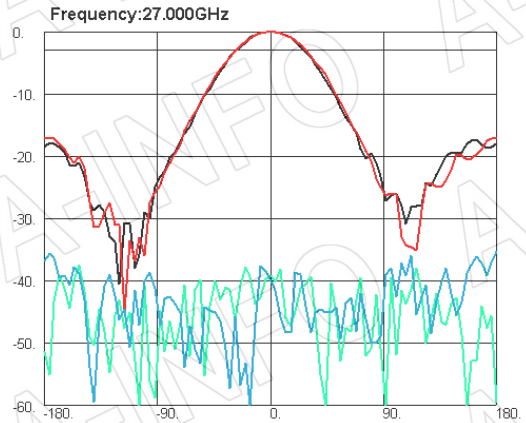
H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):55.60
3dB Beamwidth(deg):53.70



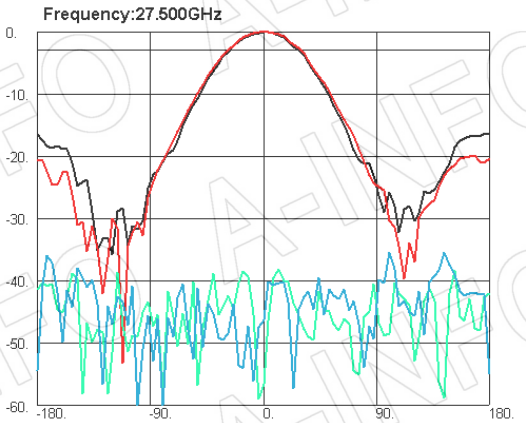
H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):56.46
3dB Beamwidth(deg):54.19



H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):57.49
3dB Beamwidth(deg):52.25

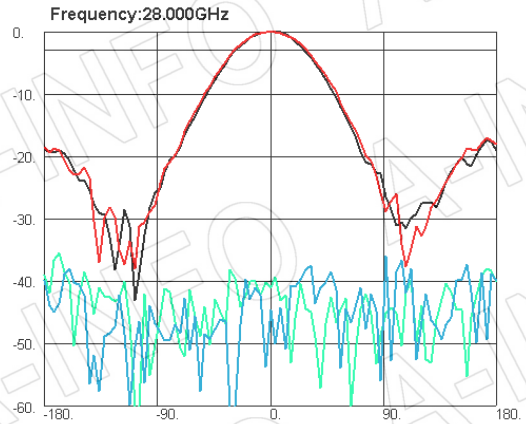


H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):55.56
3dB Beamwidth(deg):53.58

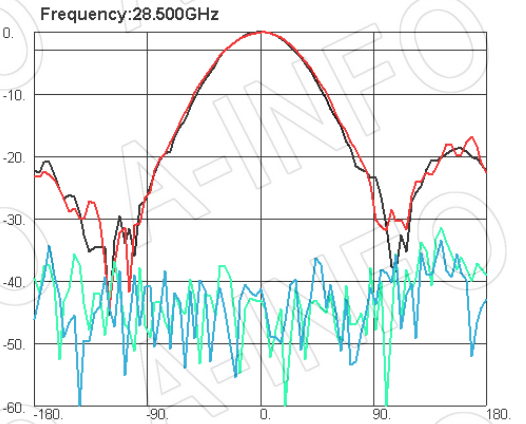


H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):57.75
3dB Beamwidth(deg):54.90

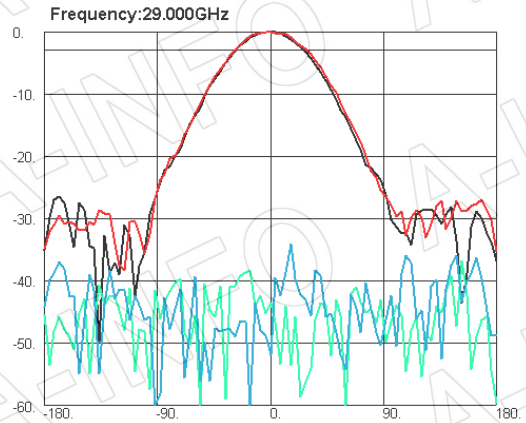
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com



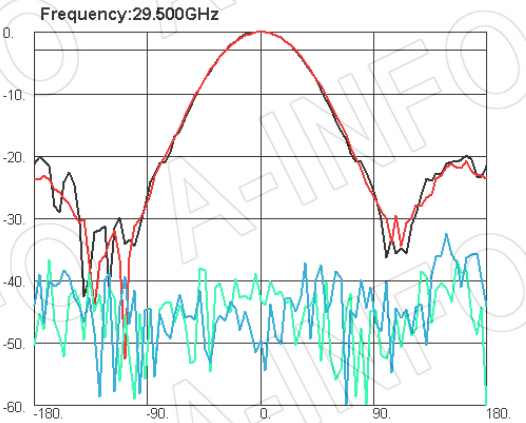
H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):57.57
3dB Beamwidth(deg):54.69



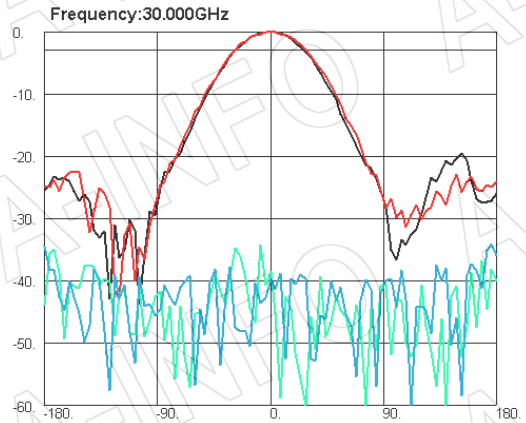
H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):56.24
3dB Beamwidth(deg):54.65



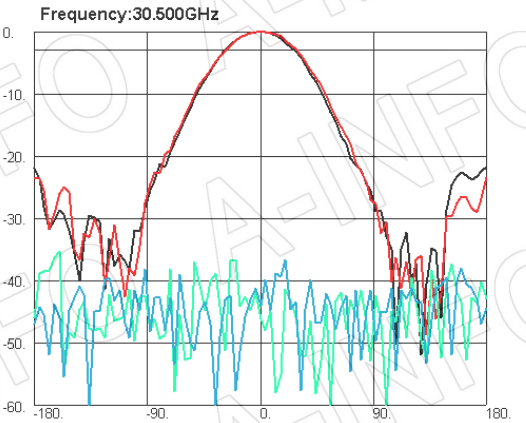
H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):56.89
3dB Beamwidth(deg):54.28



H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):55.55
3dB Beamwidth(deg):54.90

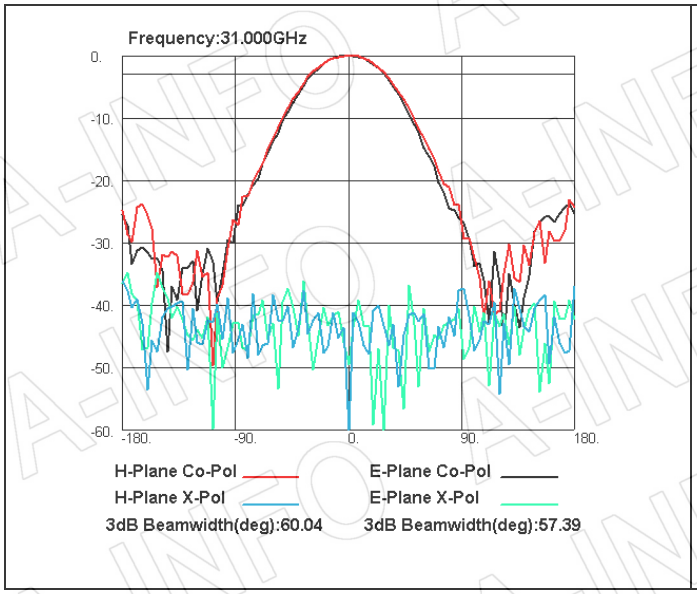


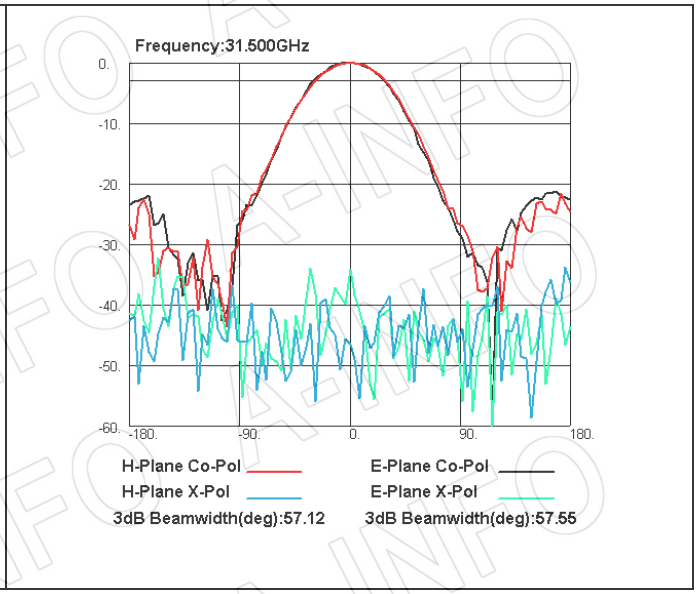
H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):56.22
3dB Beamwidth(deg):54.91

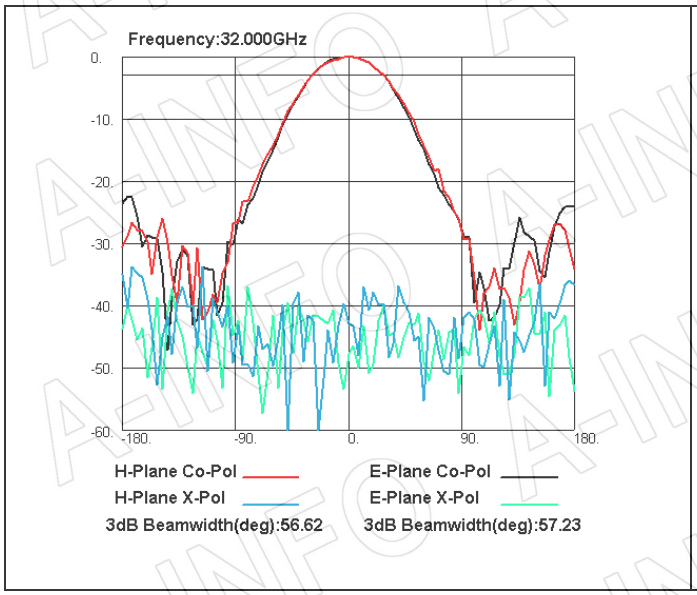


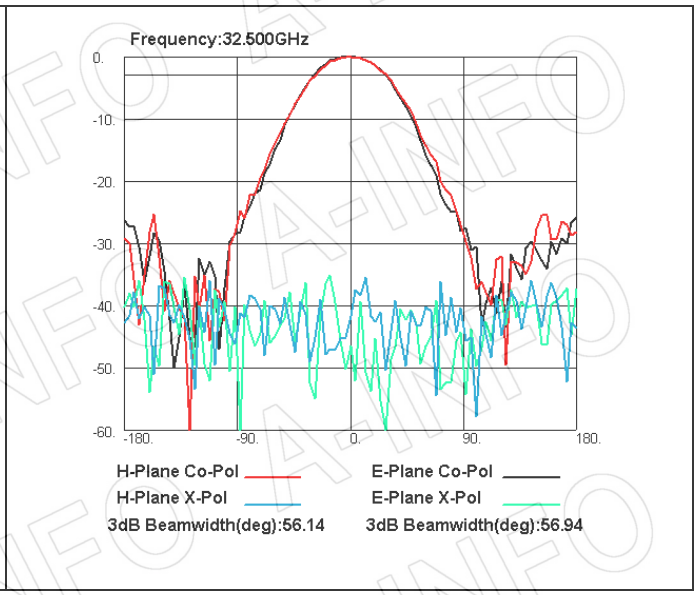
H-Plane Co-Pol
E-Plane Co-Pol
H-Plane X-Pol
E-Plane X-Pol
3dB Beamwidth(deg):56.49
3dB Beamwidth(deg):55.48

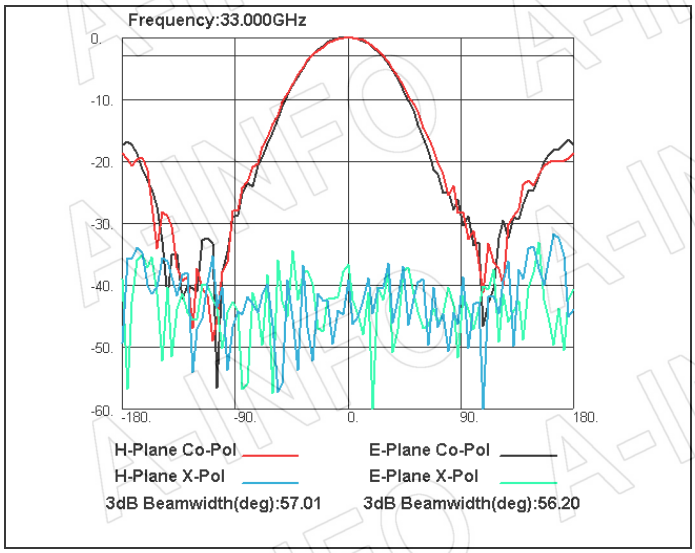
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670
Website: www.ainfoinc.com
Email: sales@ainfoinc.com
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com











China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com