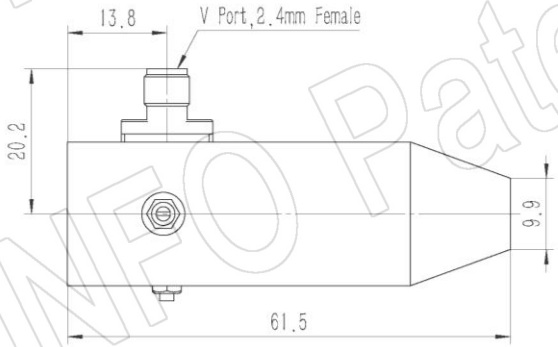
Technical Specification

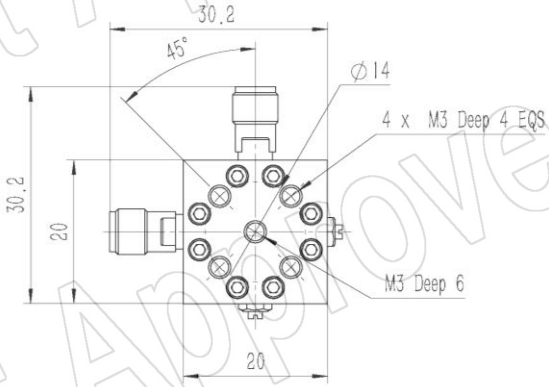
Frequency Range(GHz)	18.0 – 54.0
Gain(dBi)	8 Typ.
Polarization	Dual Pol.
3dB Beamwidth(deg)	84 - 34
Cross Pol. Isolation(dB)	30 Typ.; 20 Min.
Port to Port Isolation(dB)	30 Typ.; 20 Min.
VSWR	2.0:1 Typ.
	3.0:1 Max.
Connector	2.4mm-Female
Power Handling(W CW)	10 Max.
Material	Al
Size(mm)	30.2 x 30.2 x 61.5
Net Weight(Kg)	0.08 Around

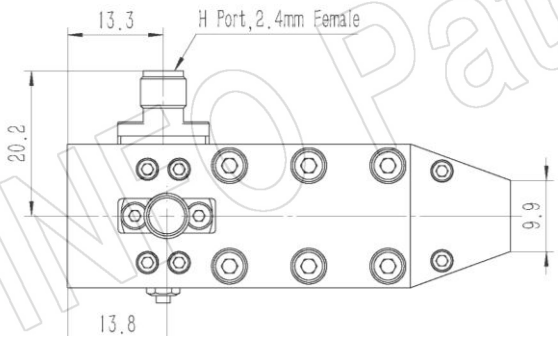
PATENT ID (China) **ZL202030751611.6**

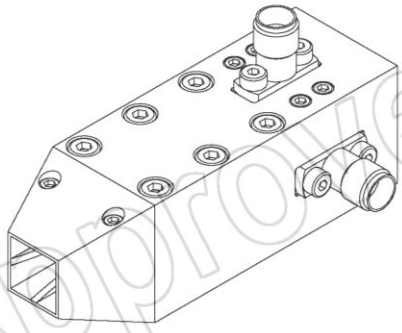
Outline Drawing (Size: mm)

2.4mm-Female Output (P/N: LB-SJ-180540BL-2.4F)





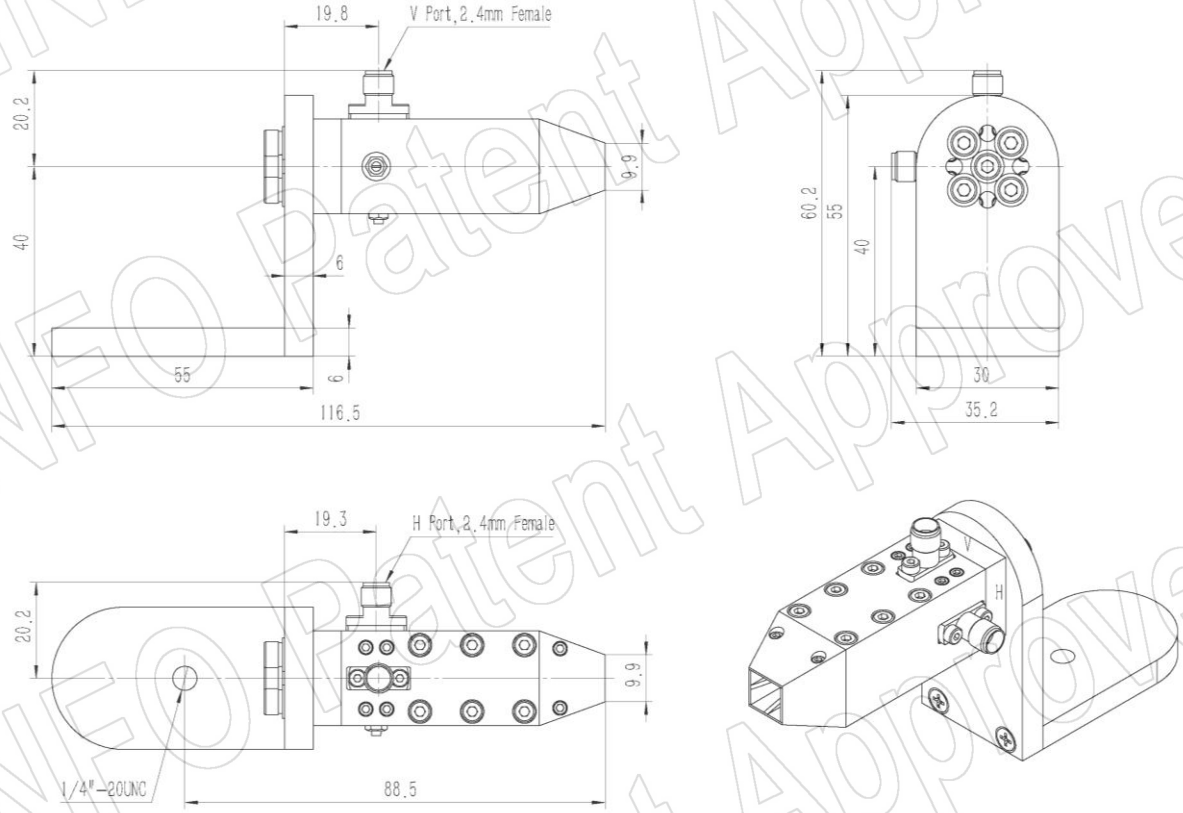




China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

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

2.4mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-SJ-180400-L)



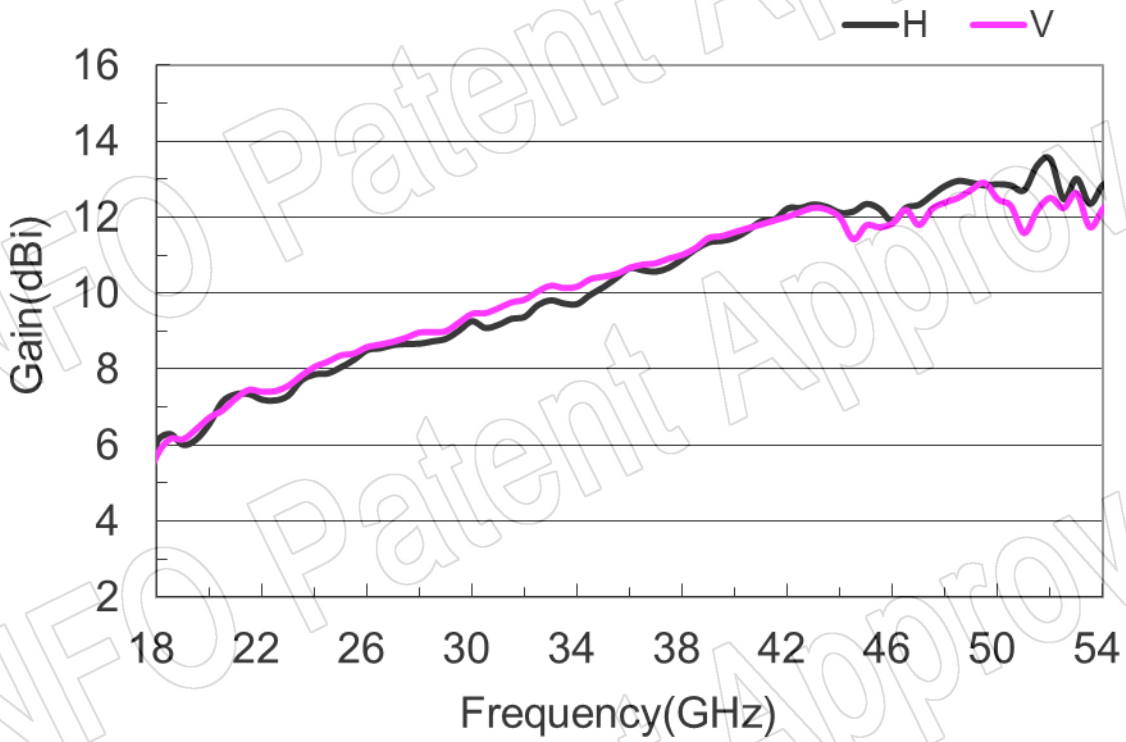
A-INFO Patent Approved

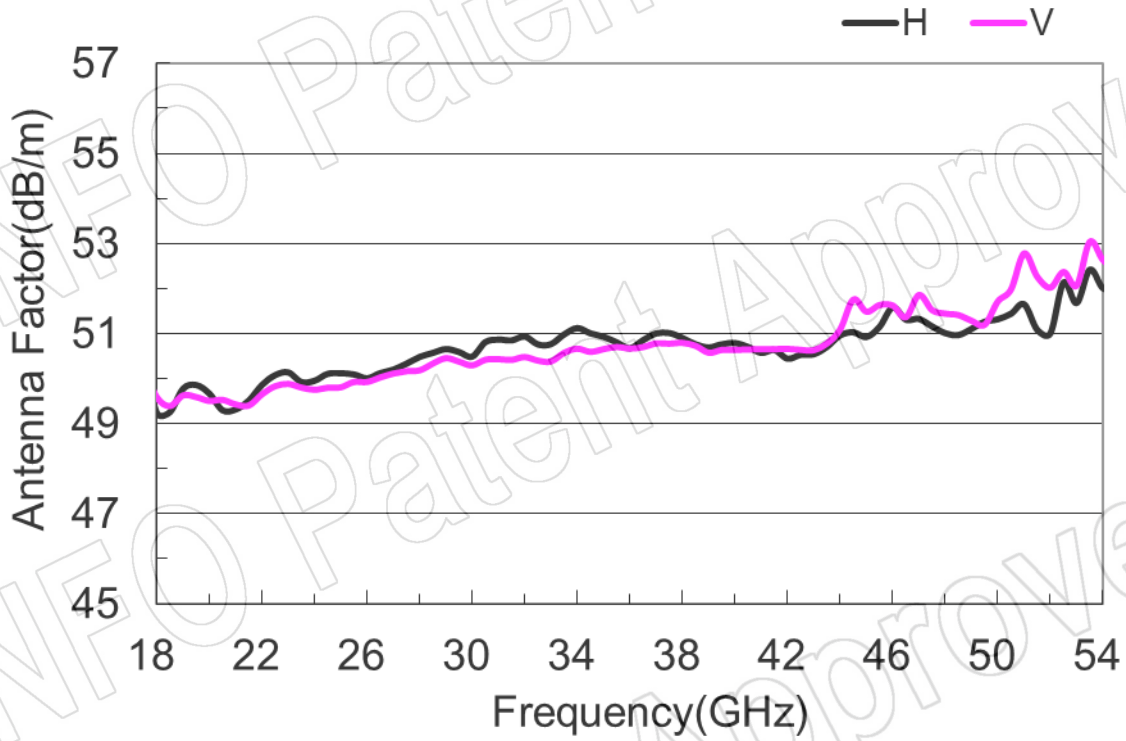
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

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

Test Results

1. Gain & Antenna Factor

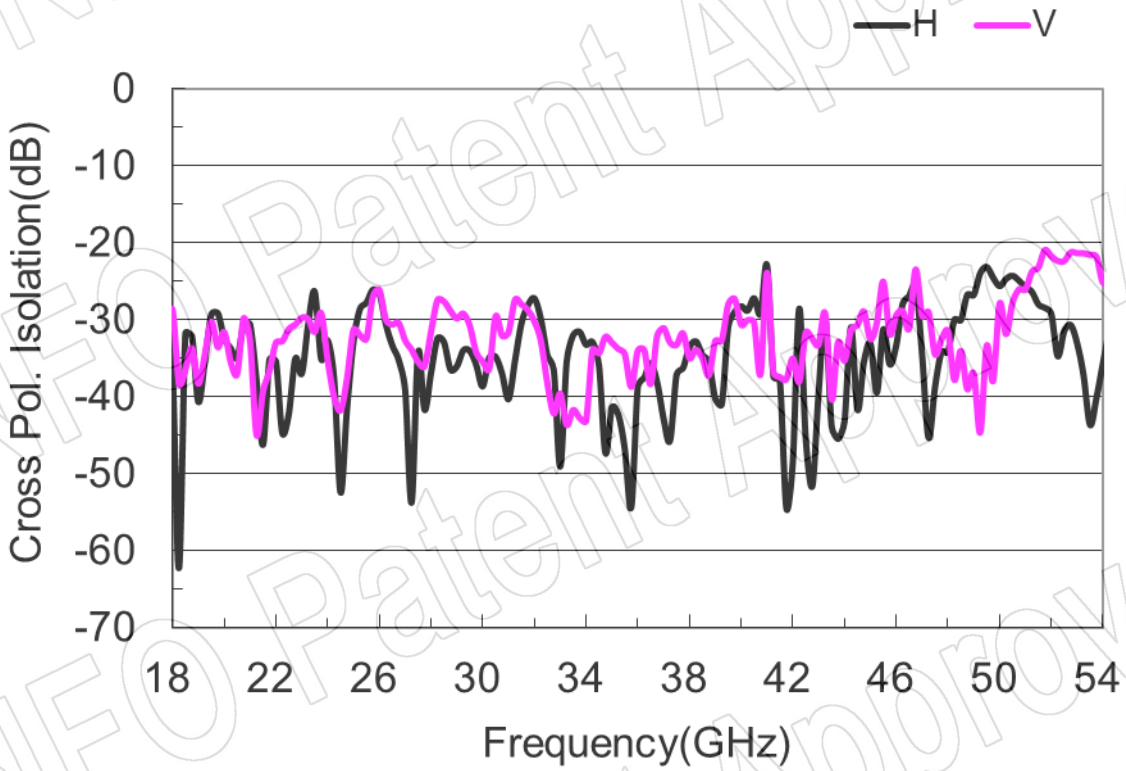




China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

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

2. Cross Polarization Isolation



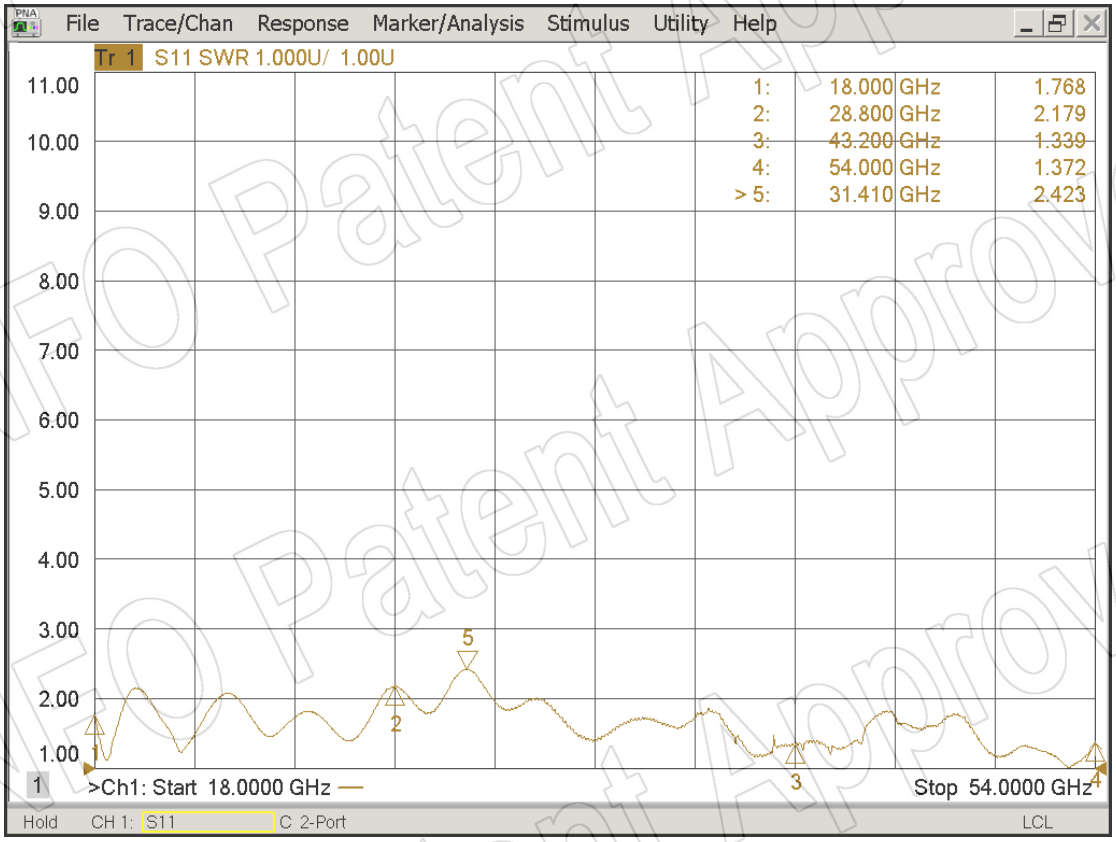
3. Port to Port Isolation

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

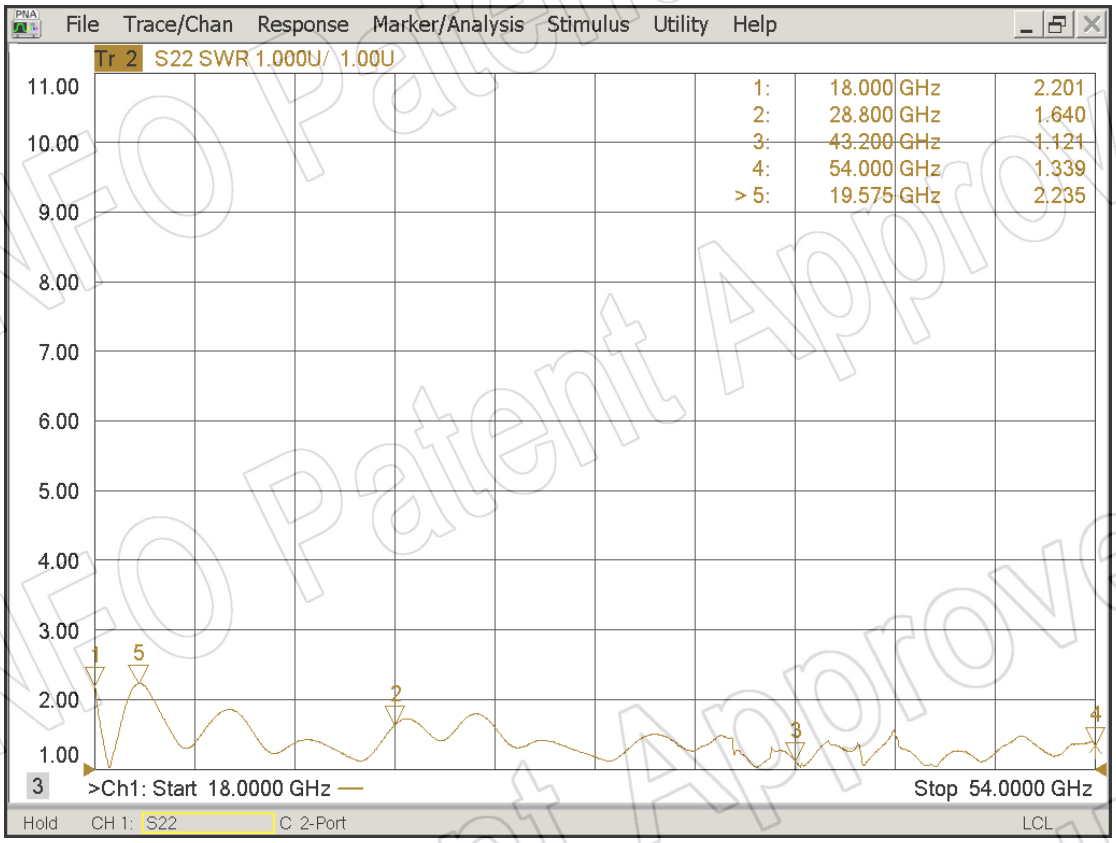
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

4. VSWR

Port-H



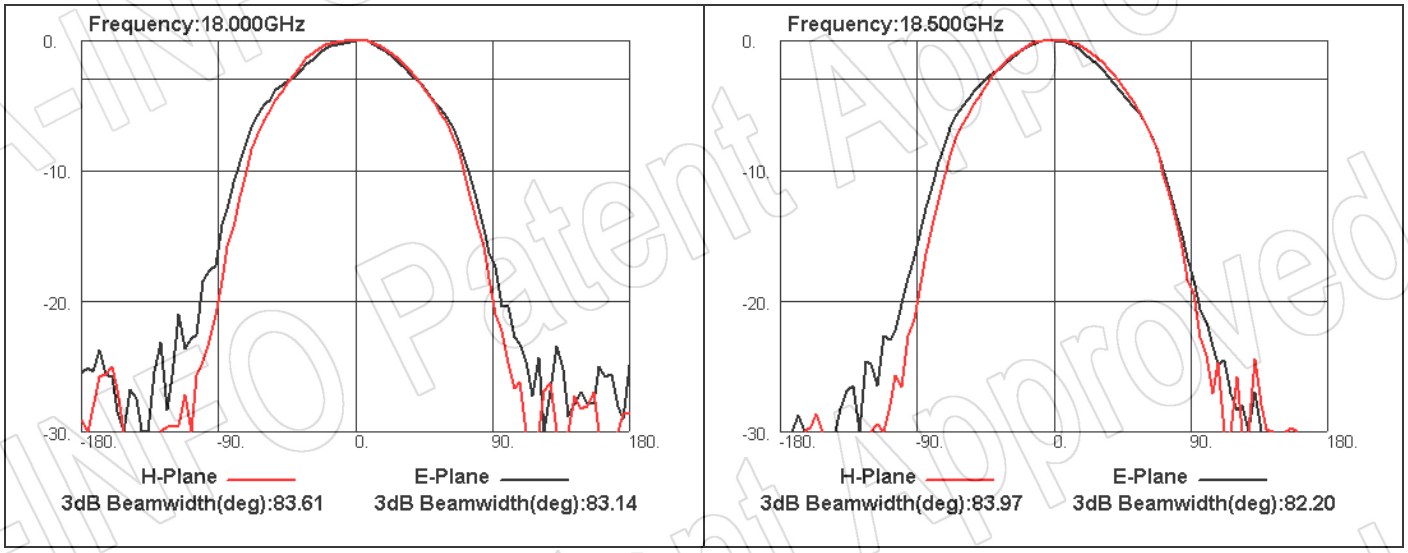
Port-V

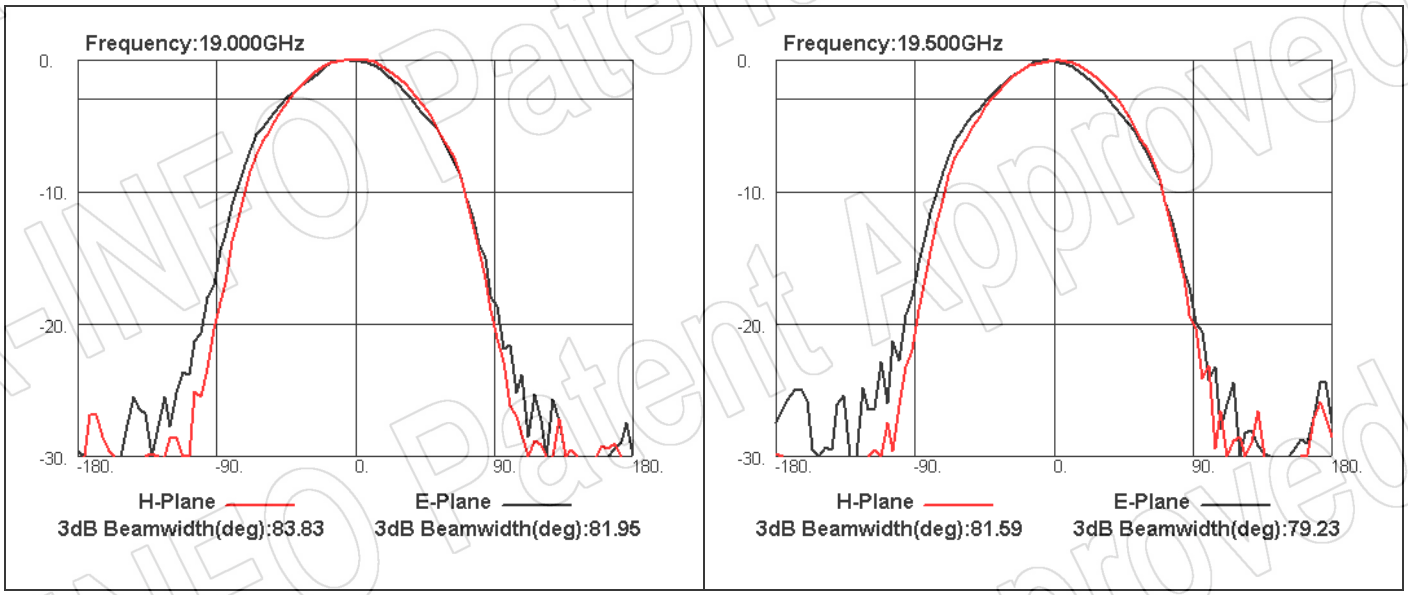


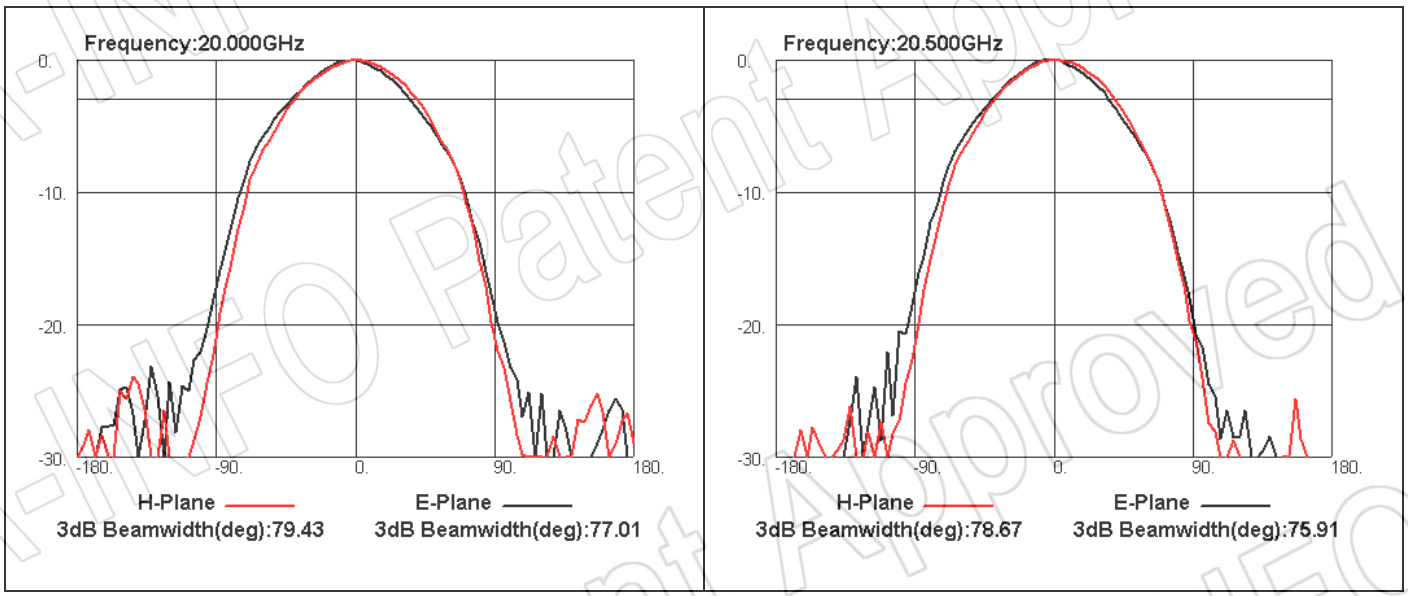
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

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

5. Pattern

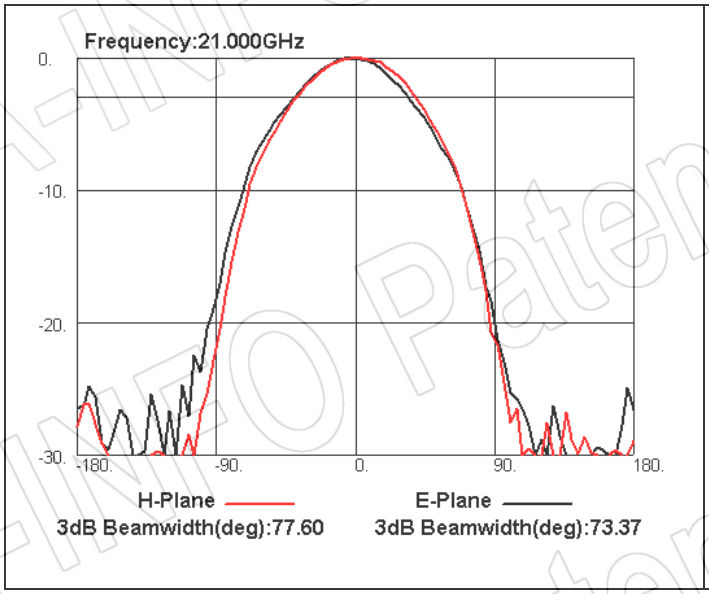


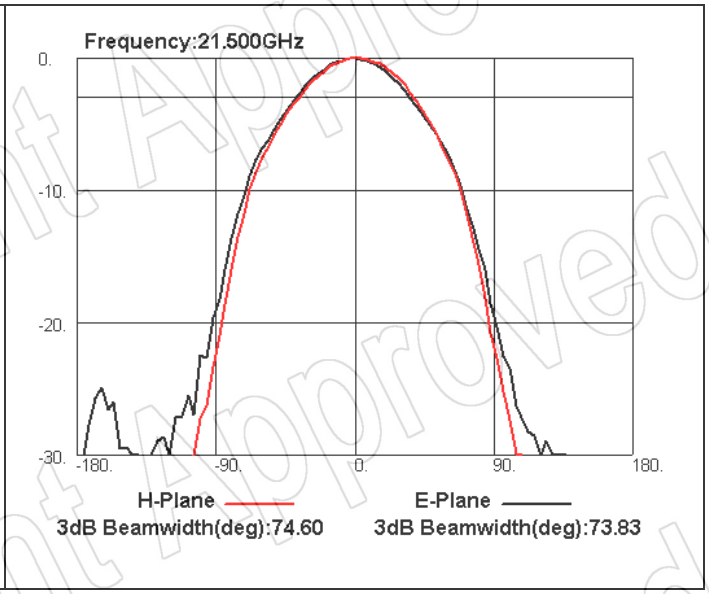


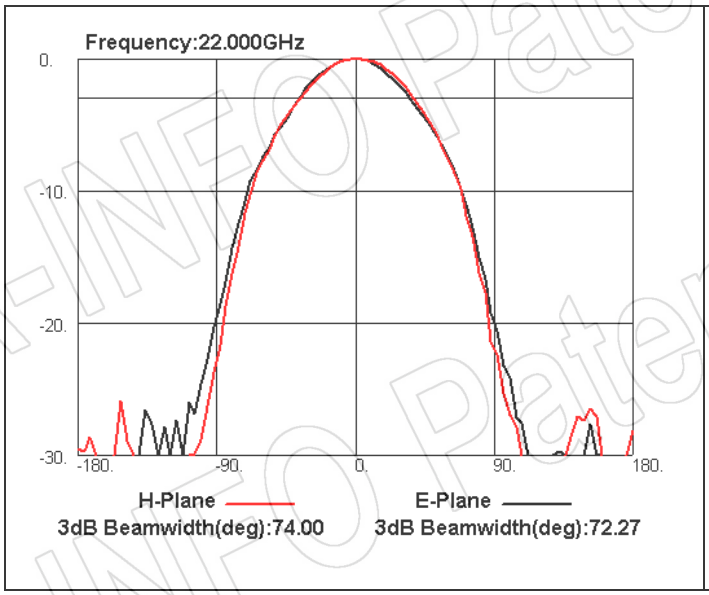


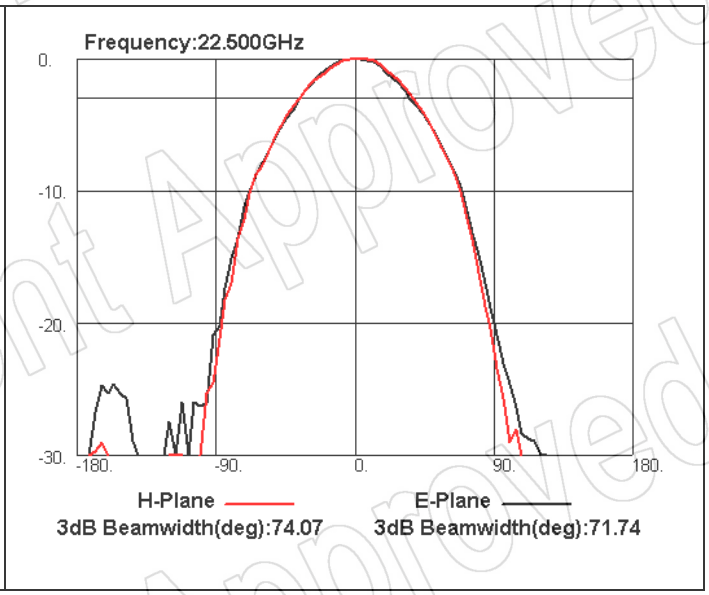
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

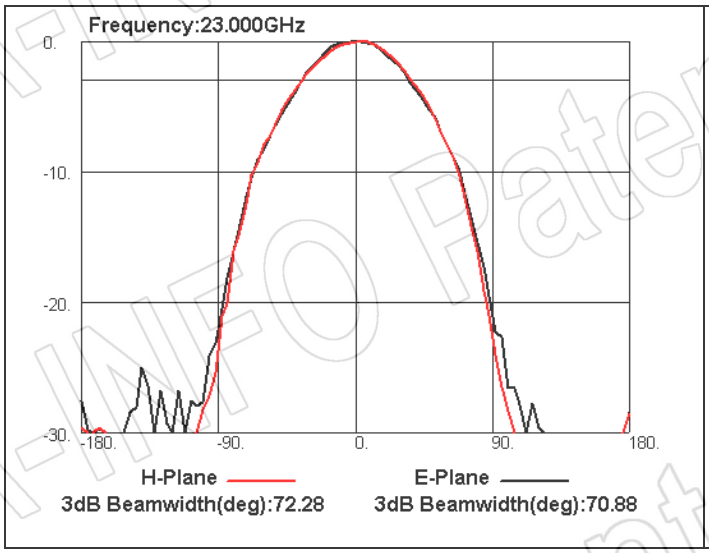
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

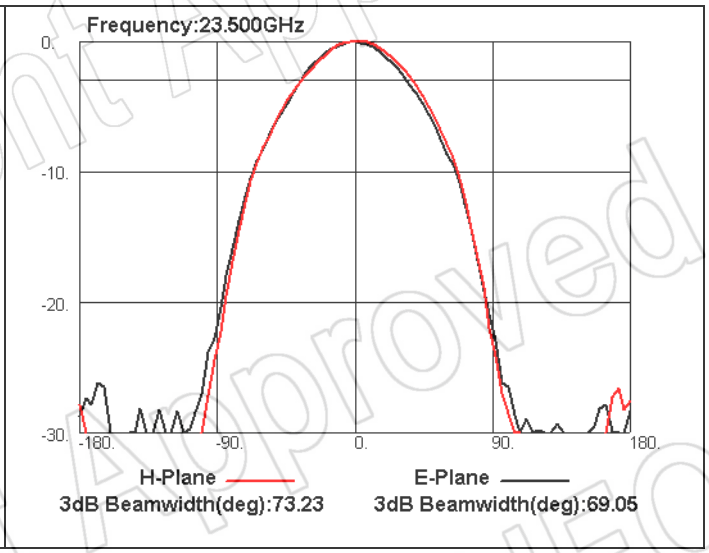






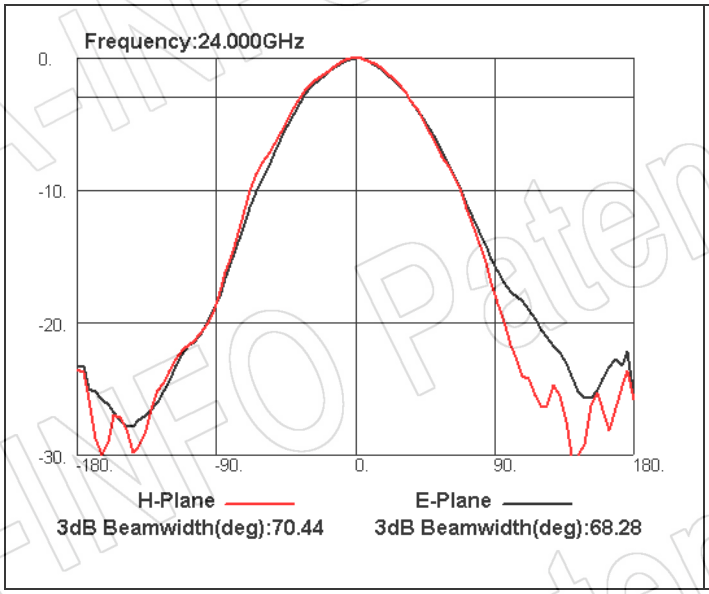


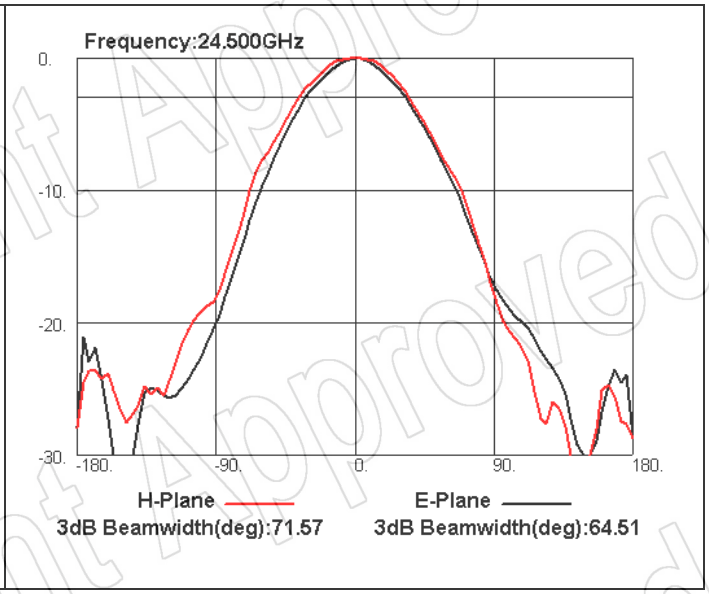


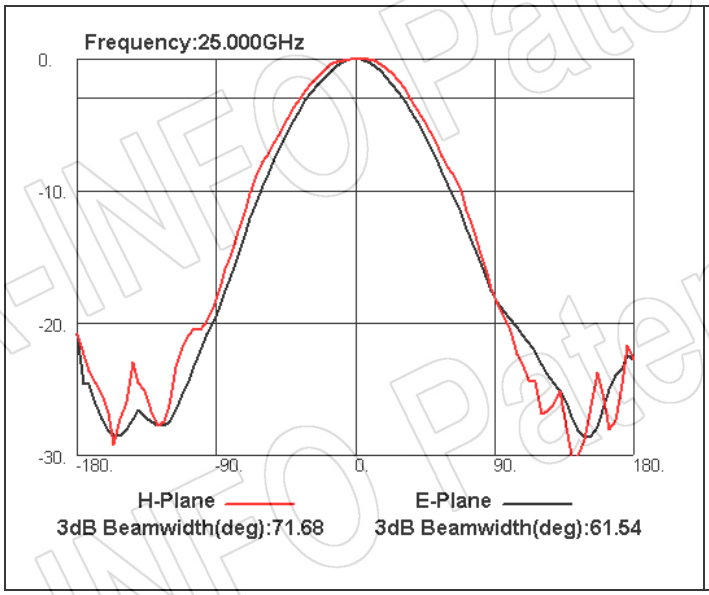


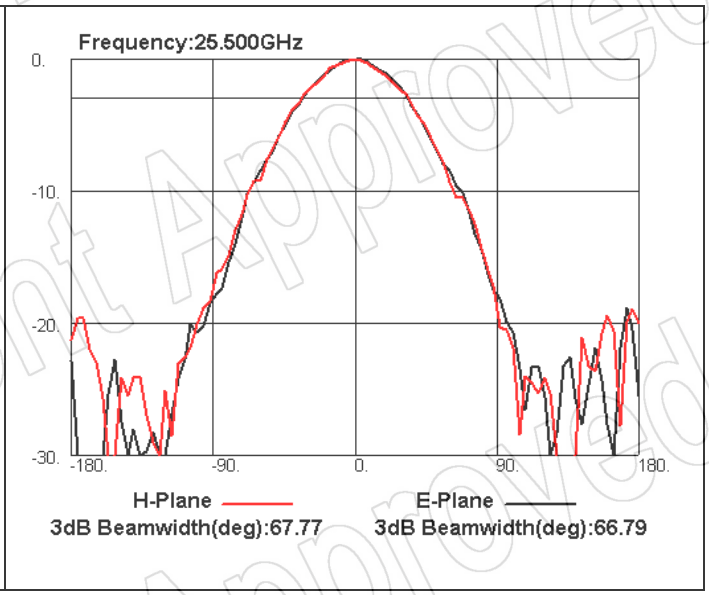
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

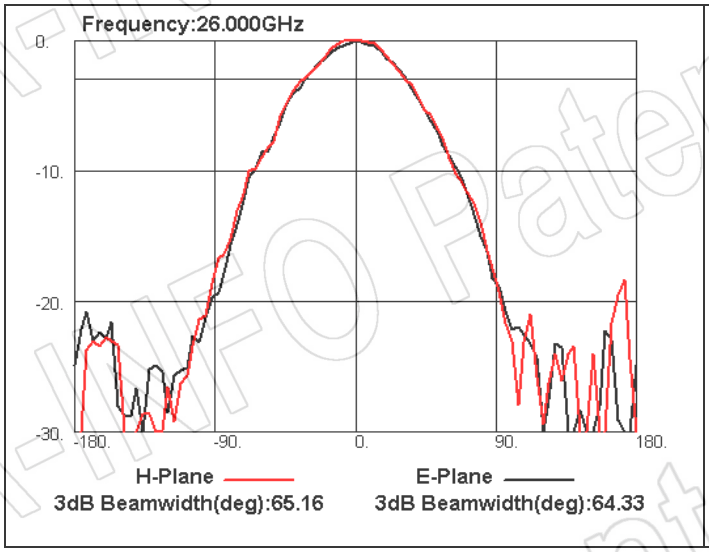
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

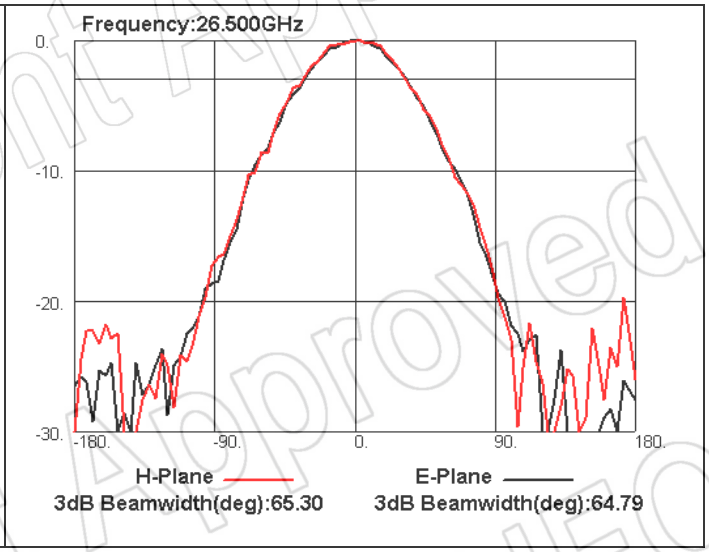






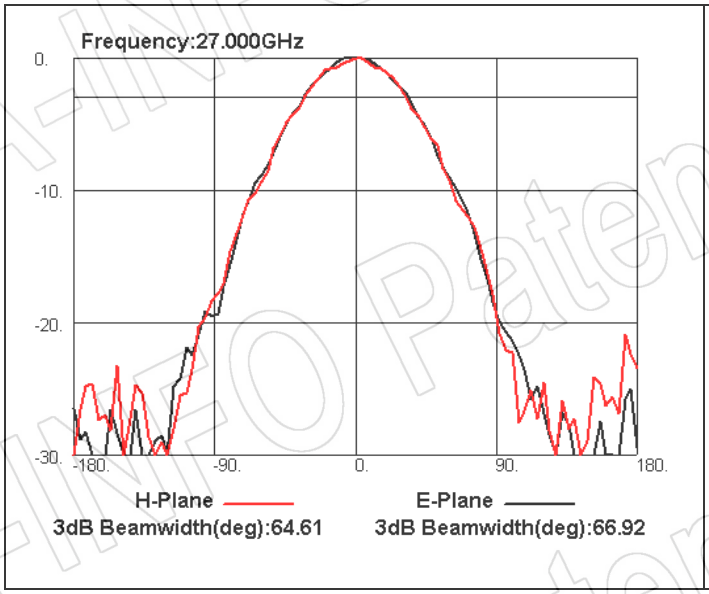


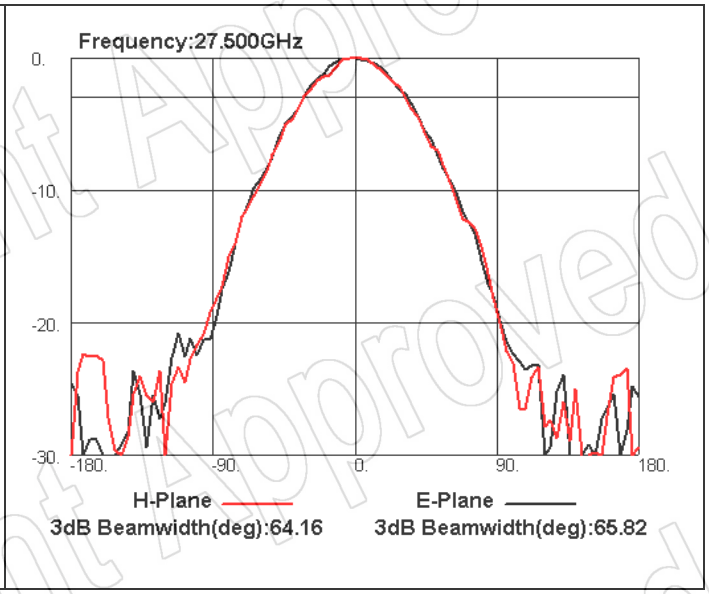


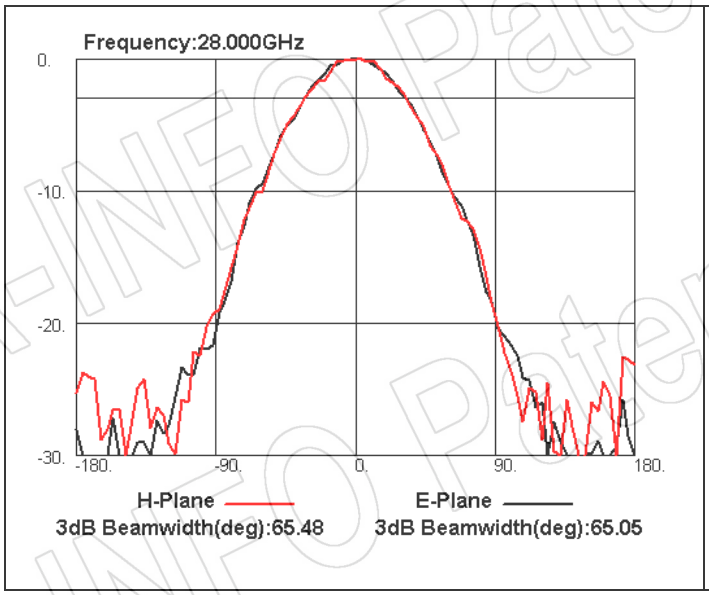


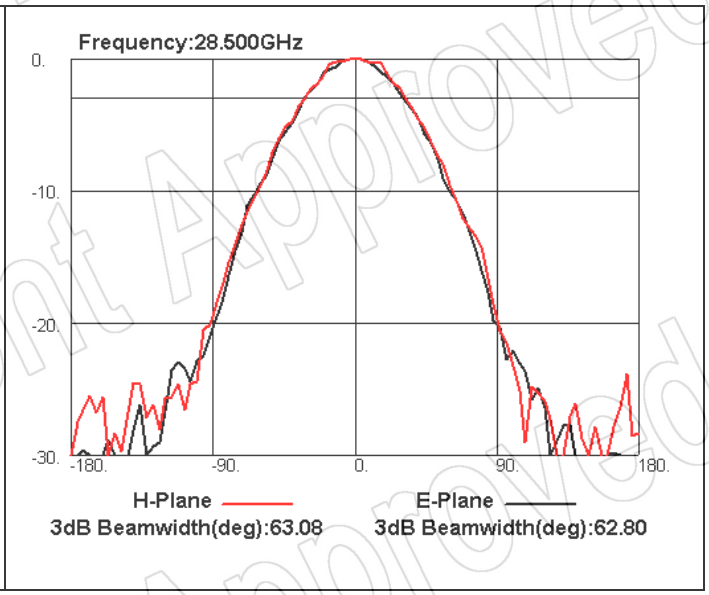
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

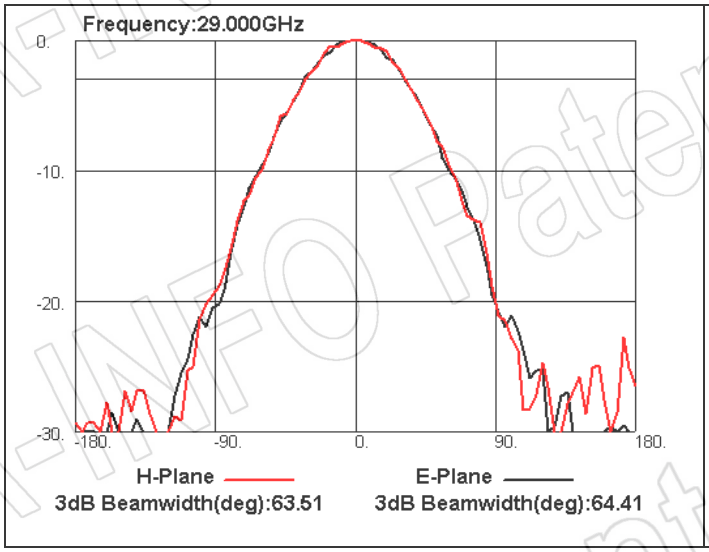
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

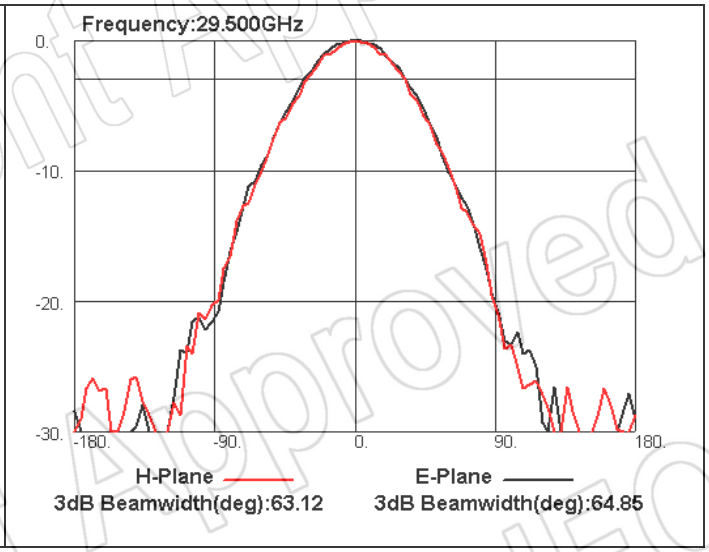






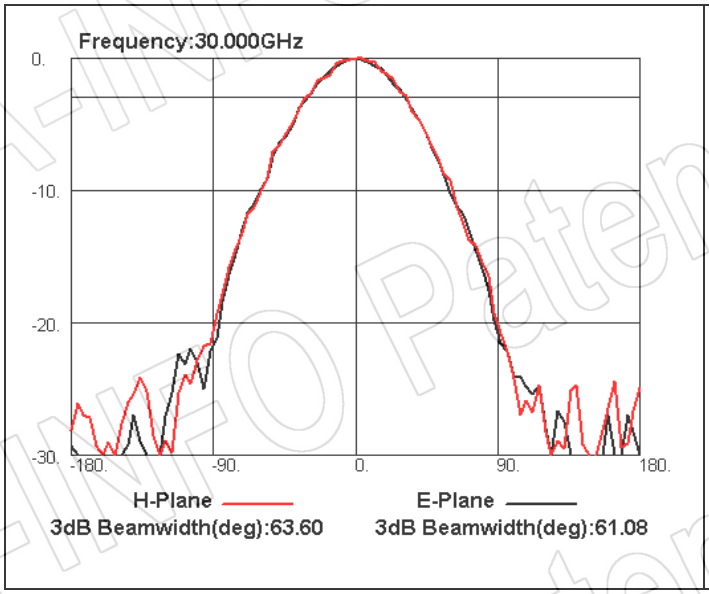


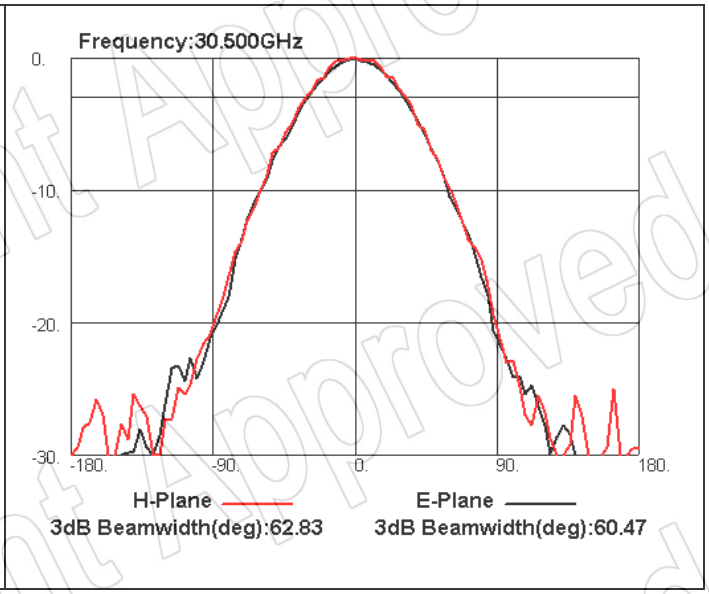


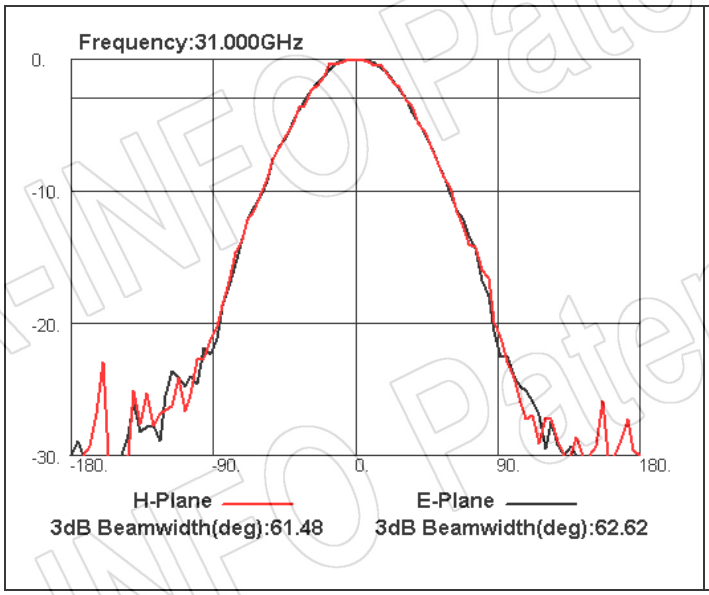


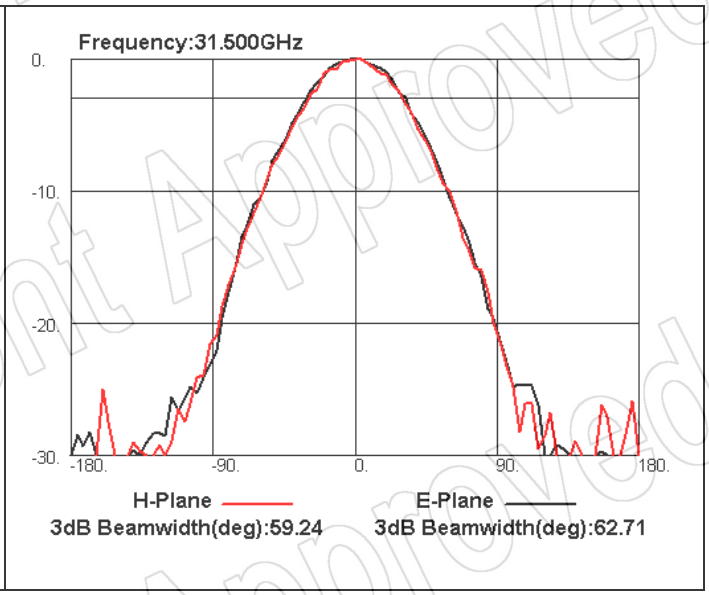
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

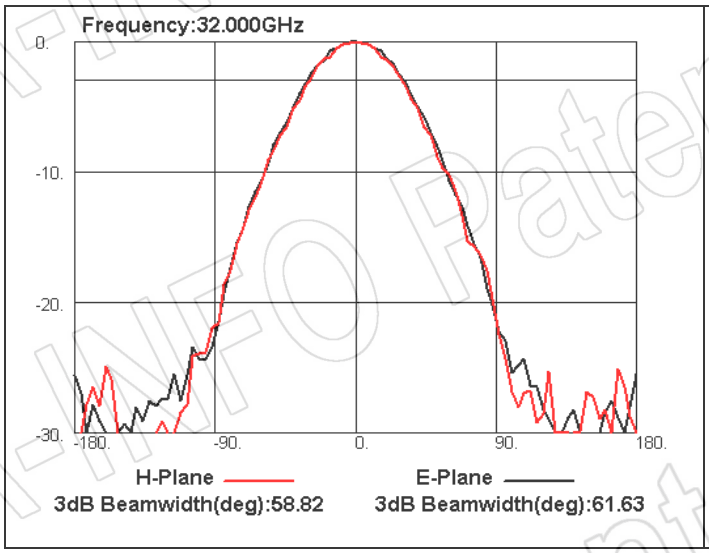
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

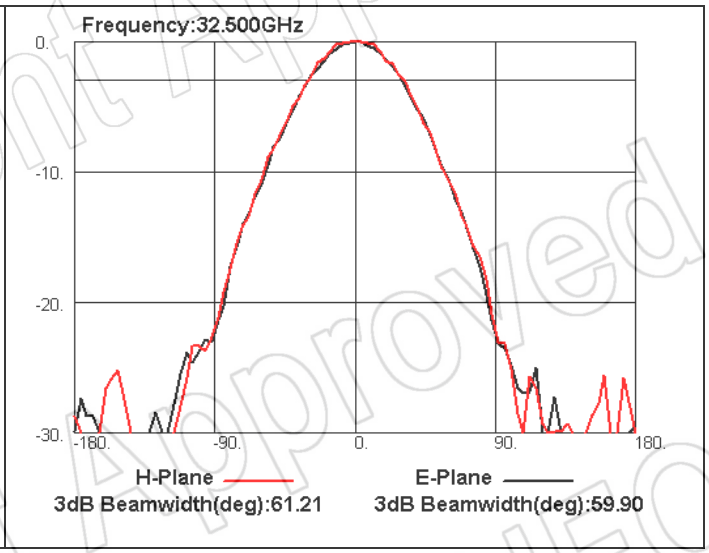






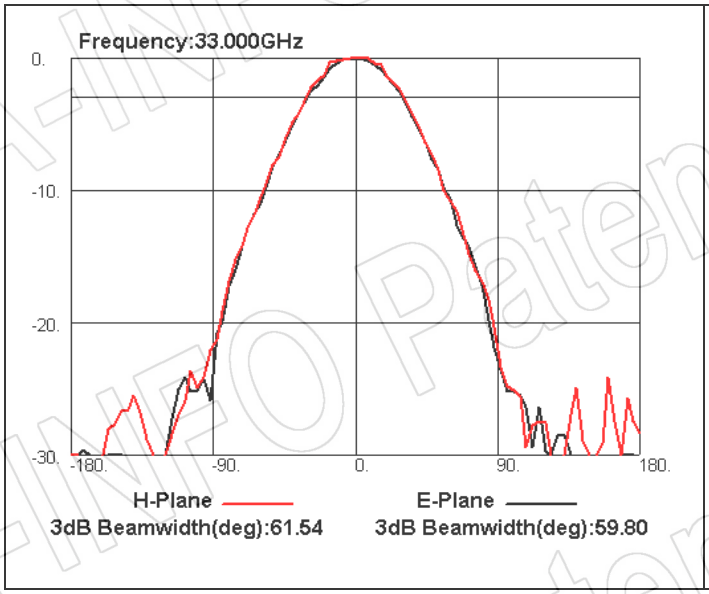




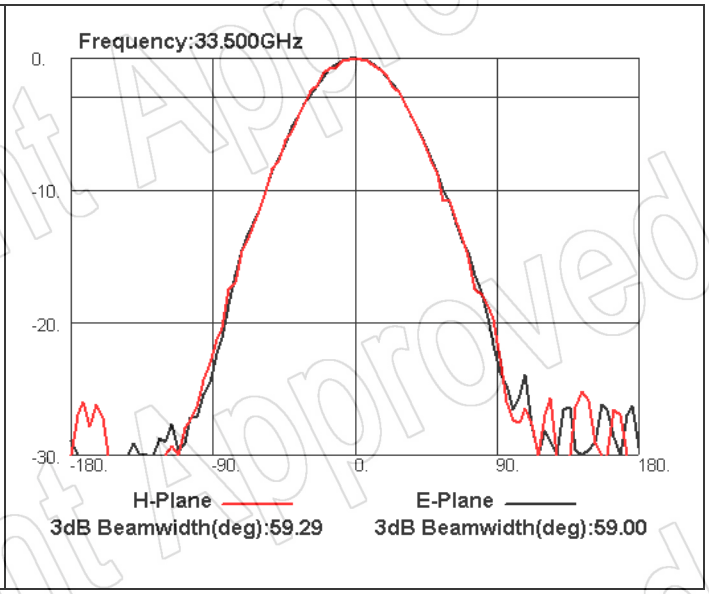


China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

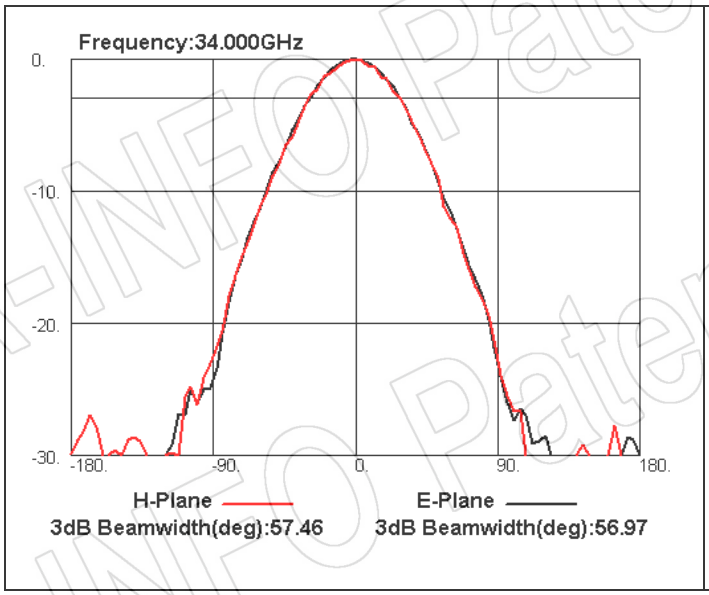
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com



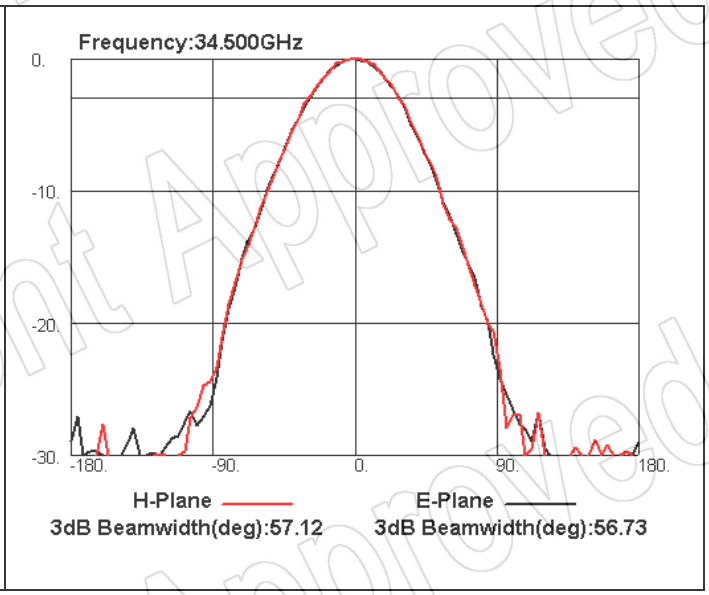
3dB Beamwidth(deg):61.54 3dB Beamwidth(deg):59.80



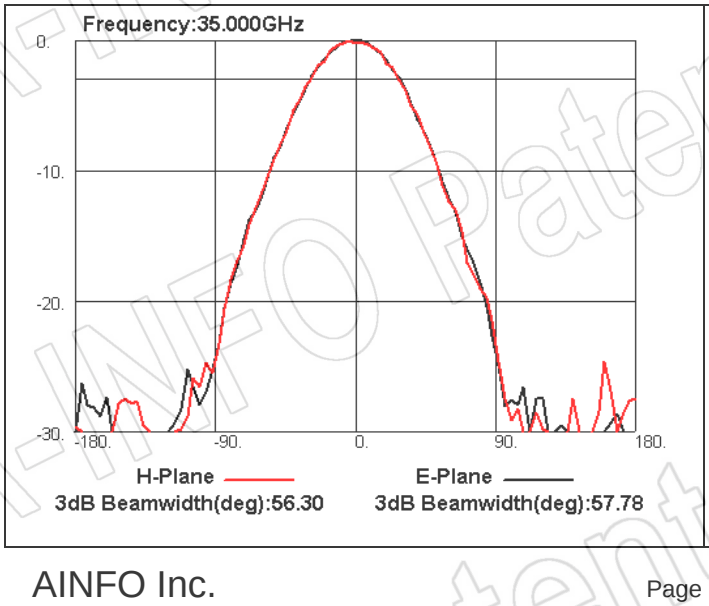
3dB Beamwidth(deg):59.29 3dB Beamwidth(deg):59.00



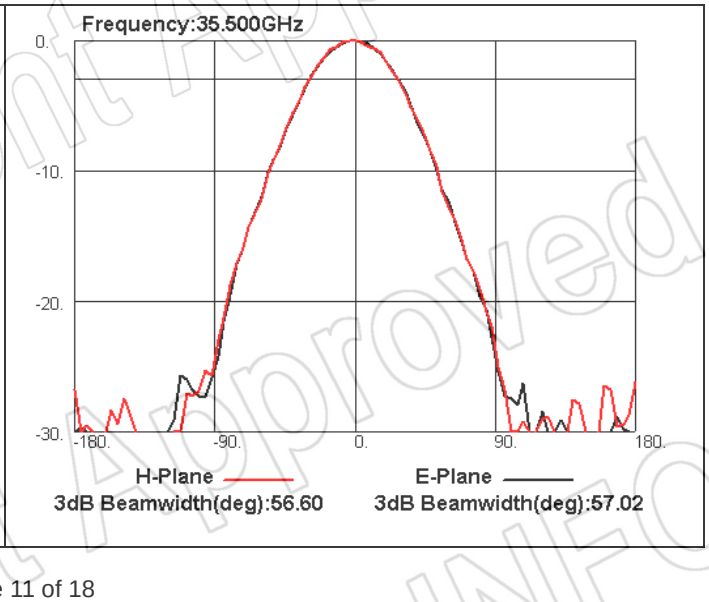
3dB Beamwidth(deg):57.46 3dB Beamwidth(deg):56.97



3dB Beamwidth(deg):57.12 3dB Beamwidth(deg):56.73



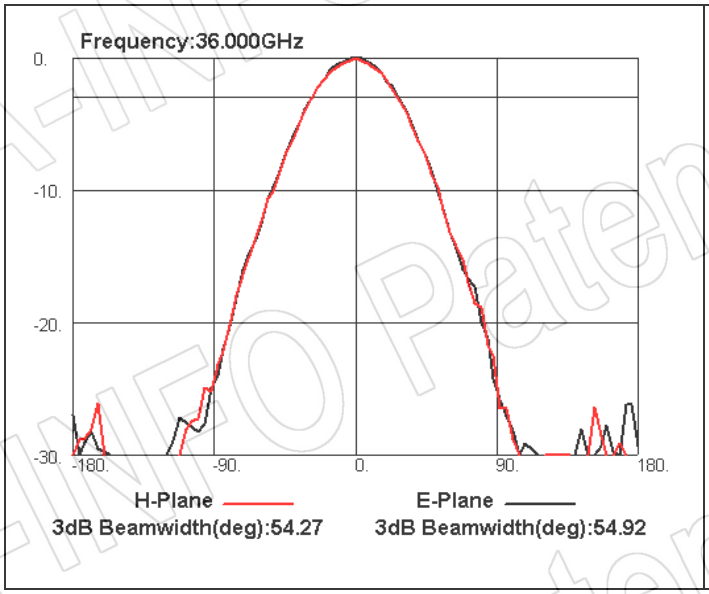
3dB Beamwidth(deg):56.30 3dB Beamwidth(deg):57.78

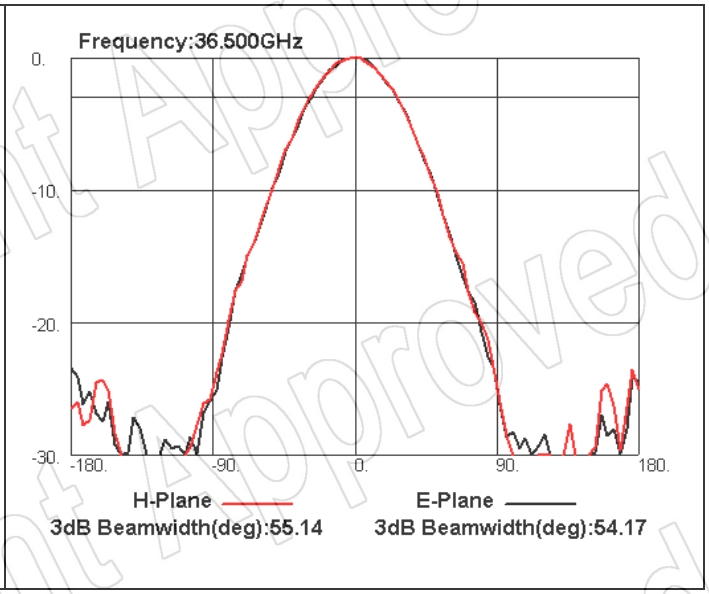


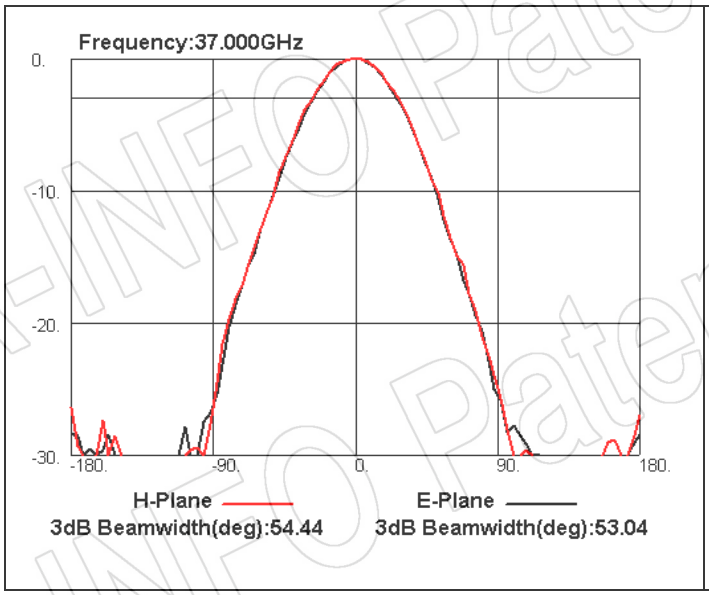
3dB Beamwidth(deg):56.60 3dB Beamwidth(deg):57.02

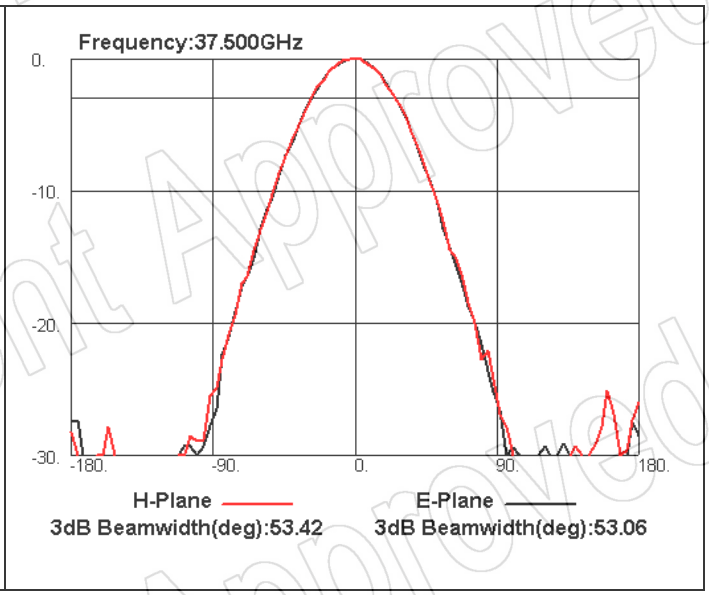
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

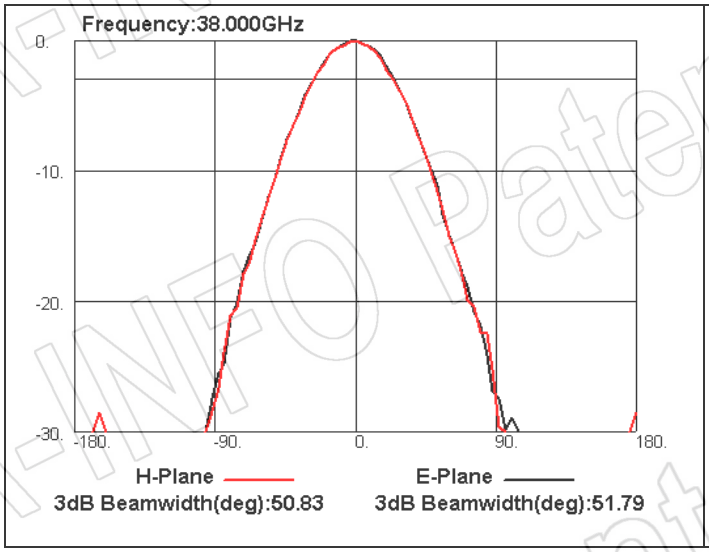
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

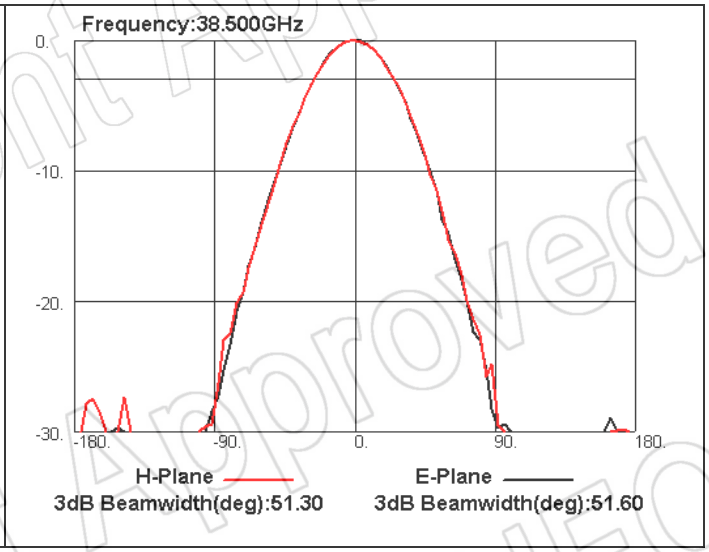






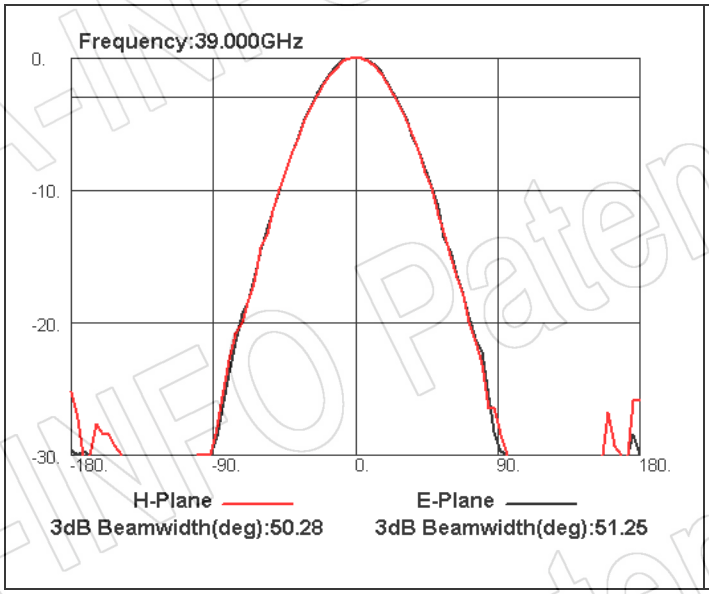


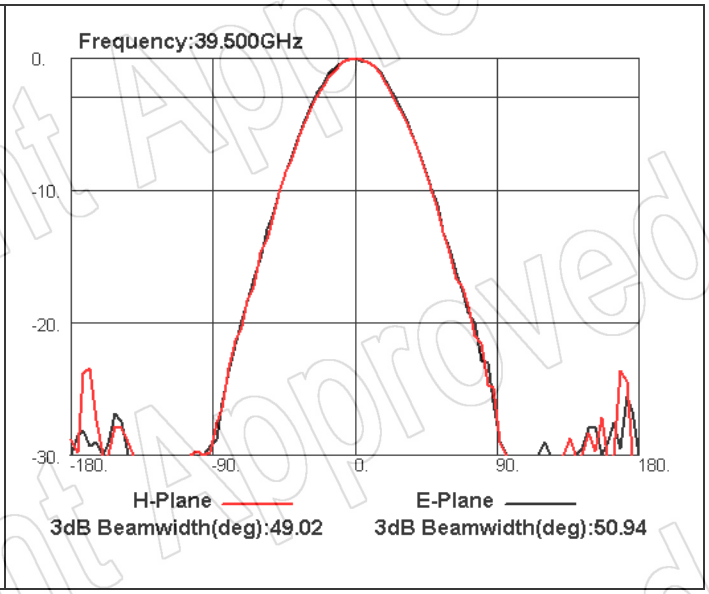


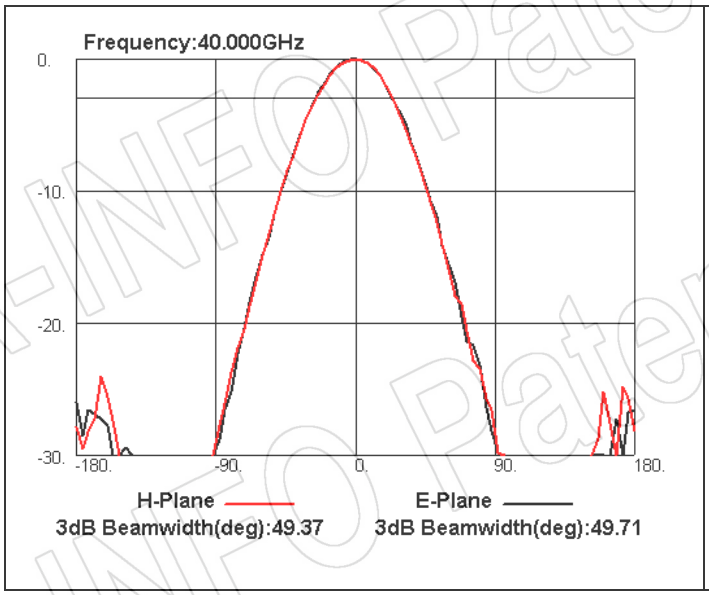


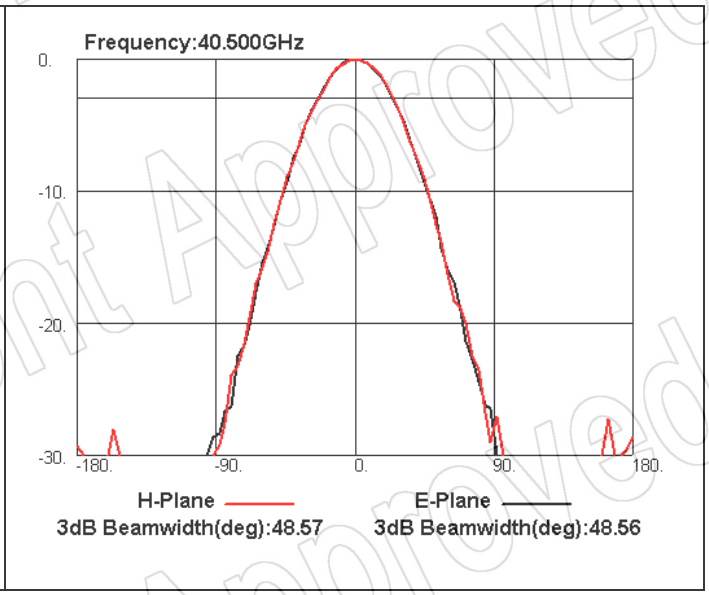
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

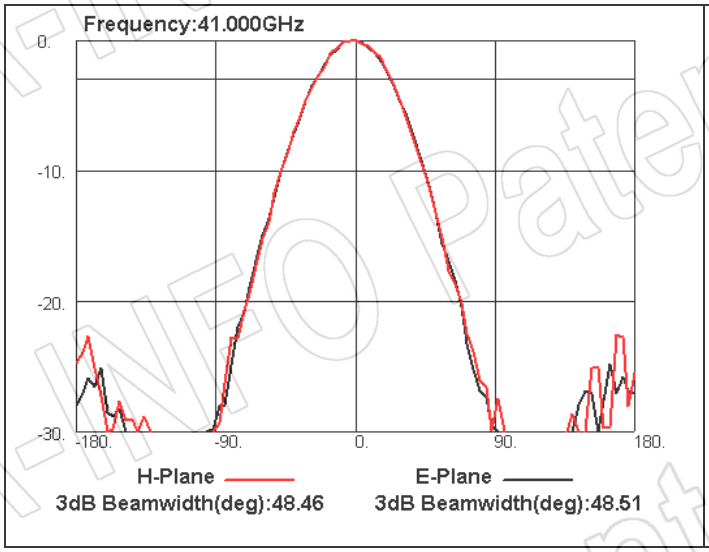
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

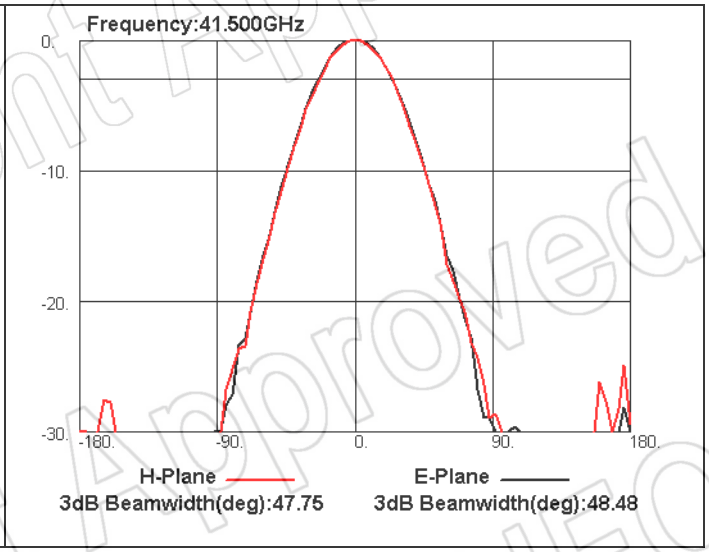






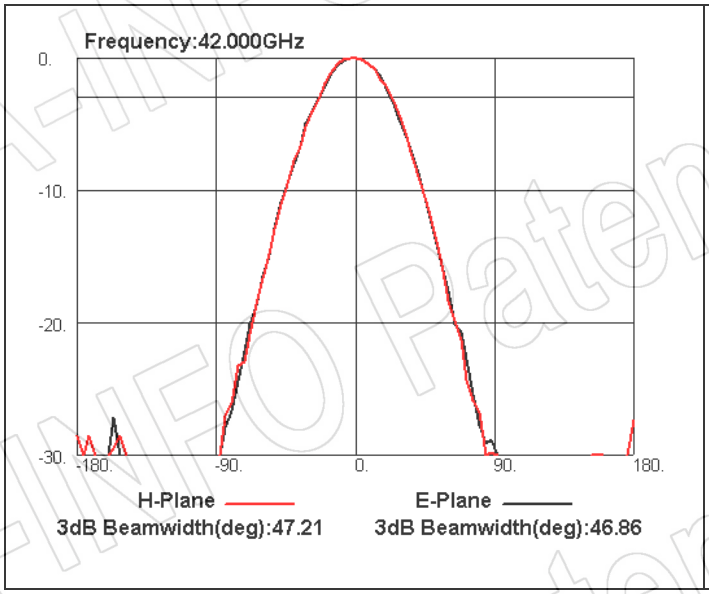


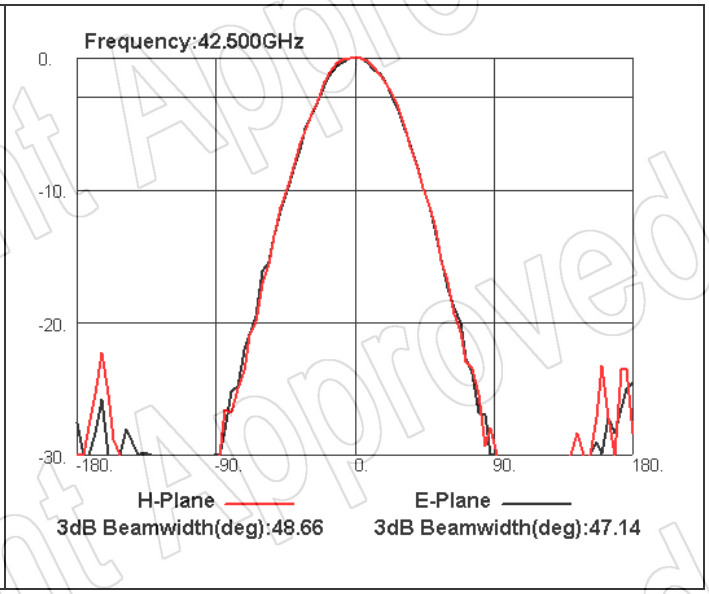


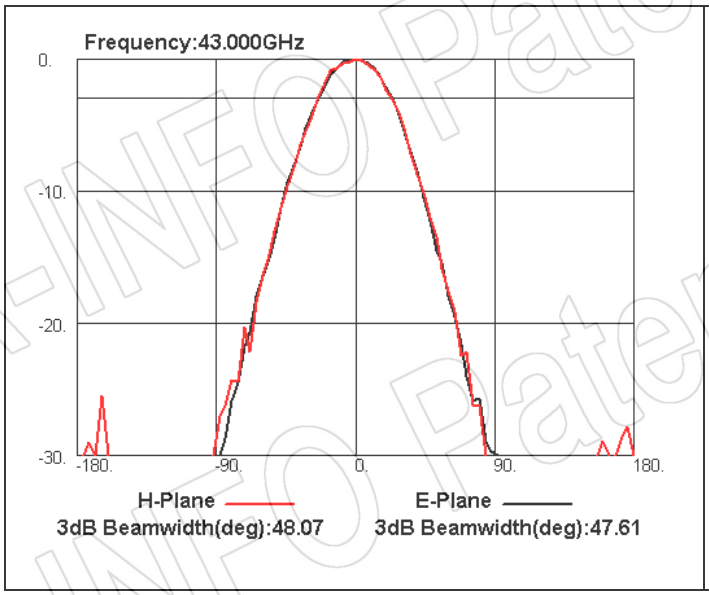


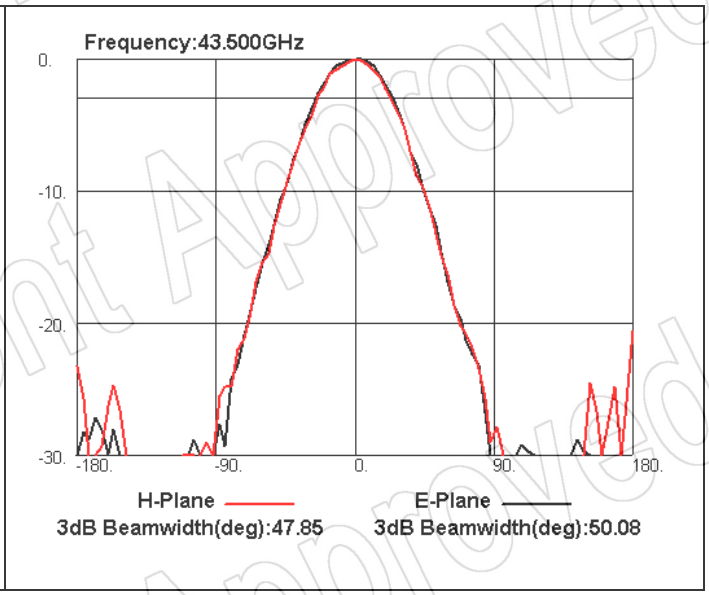
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

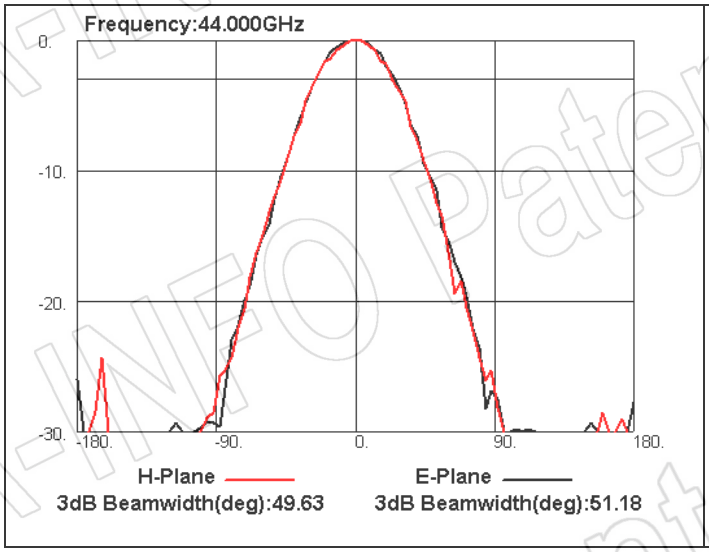
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

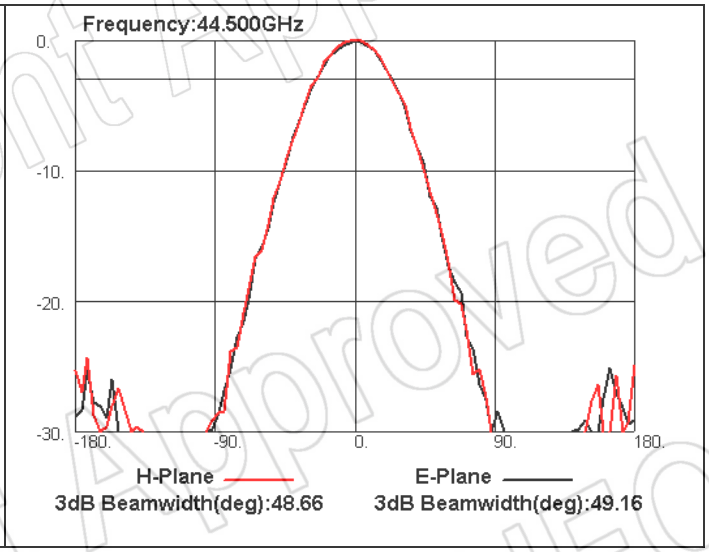






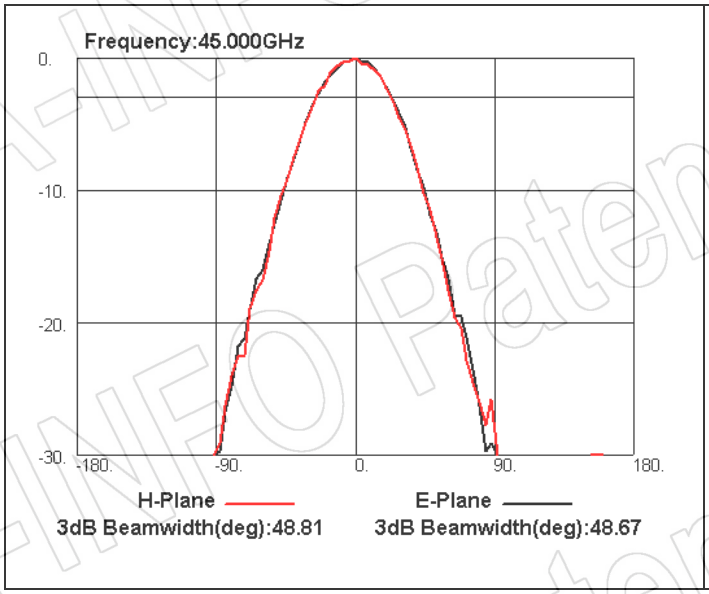


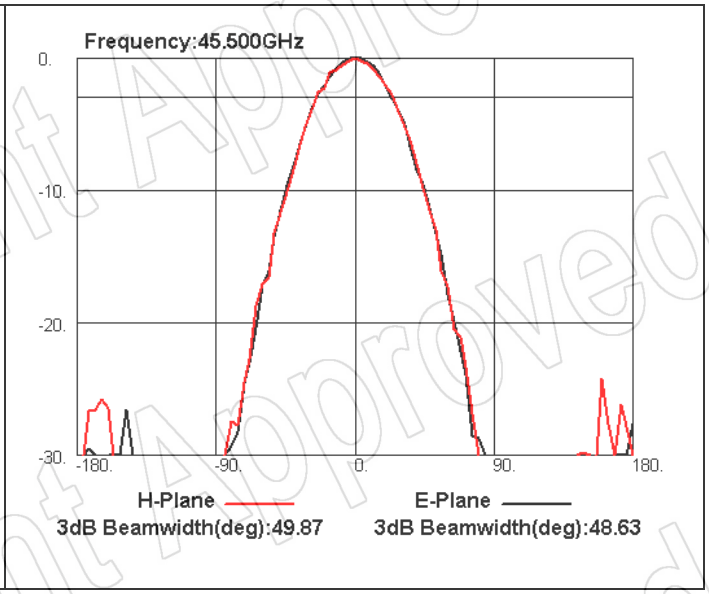


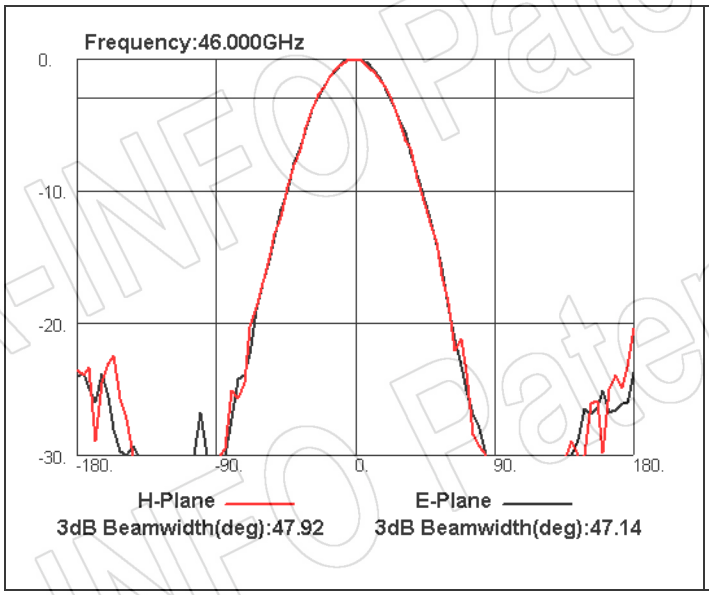


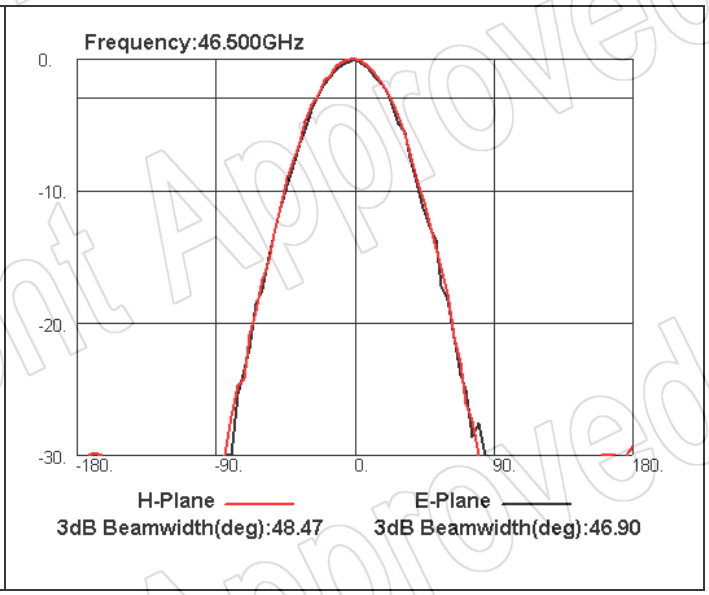
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

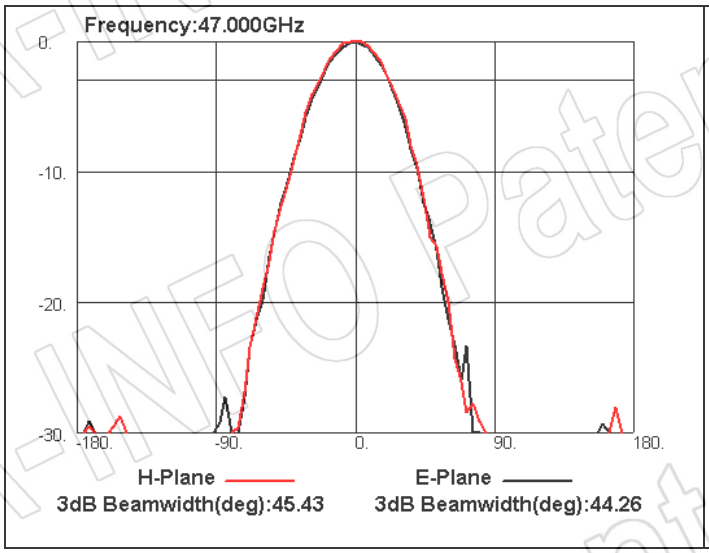
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

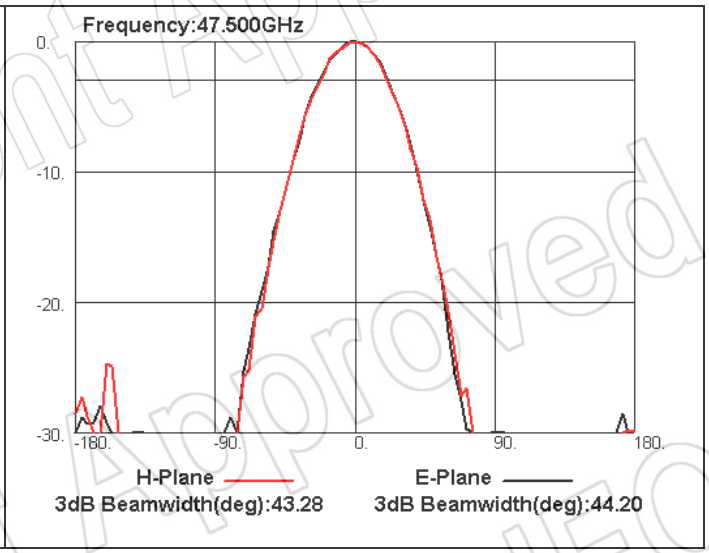






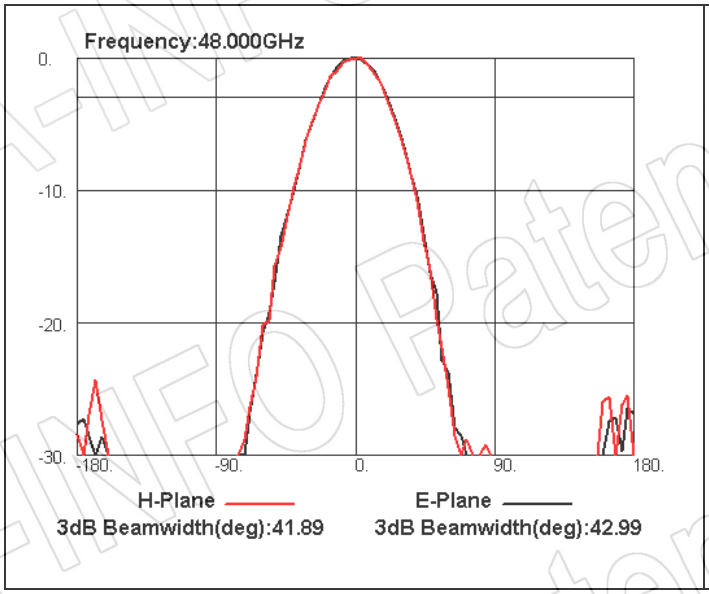


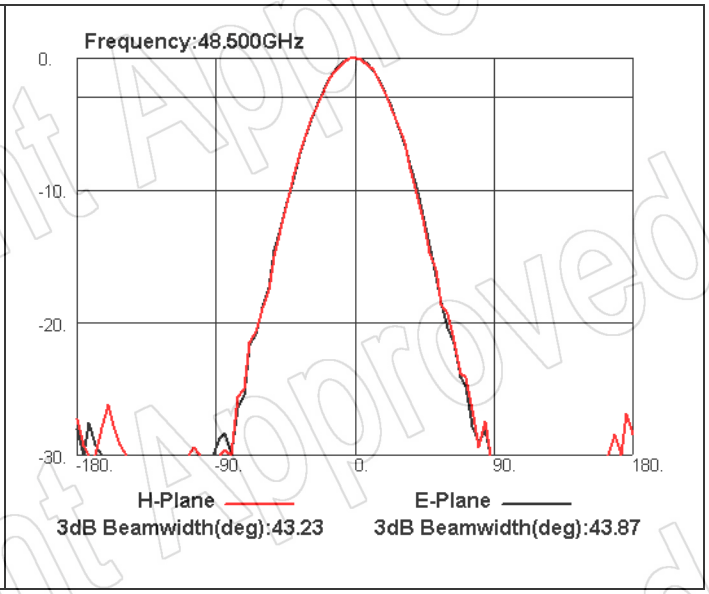


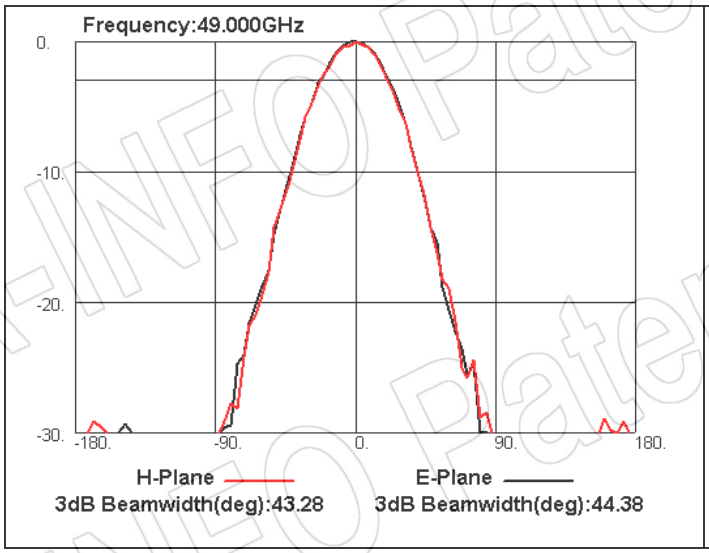


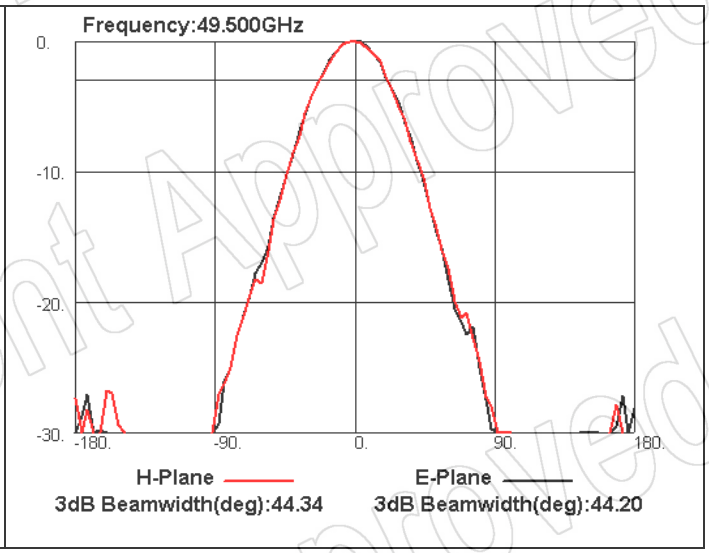
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

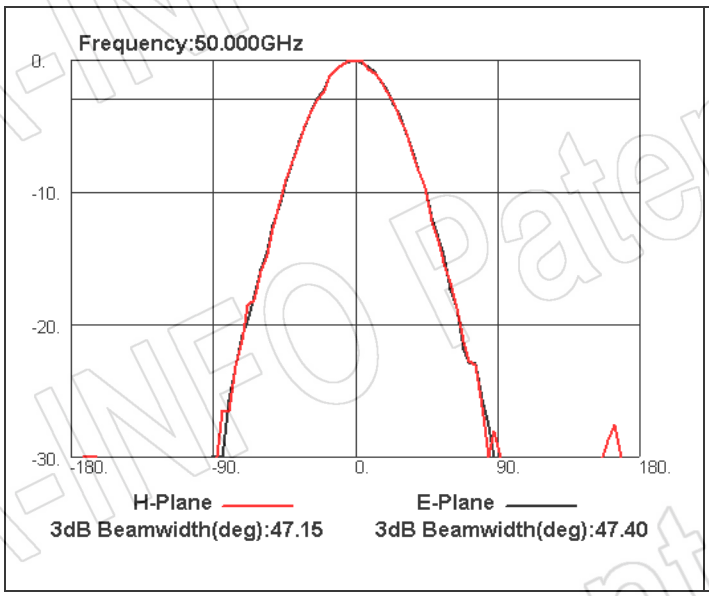
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

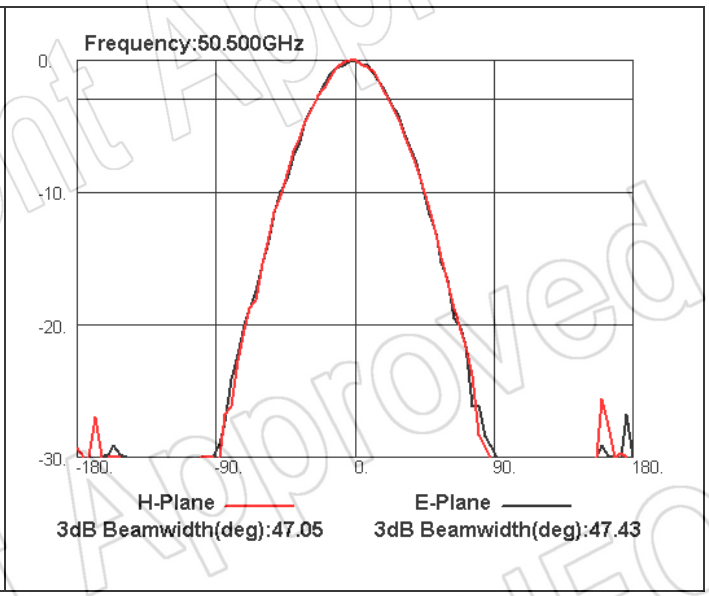






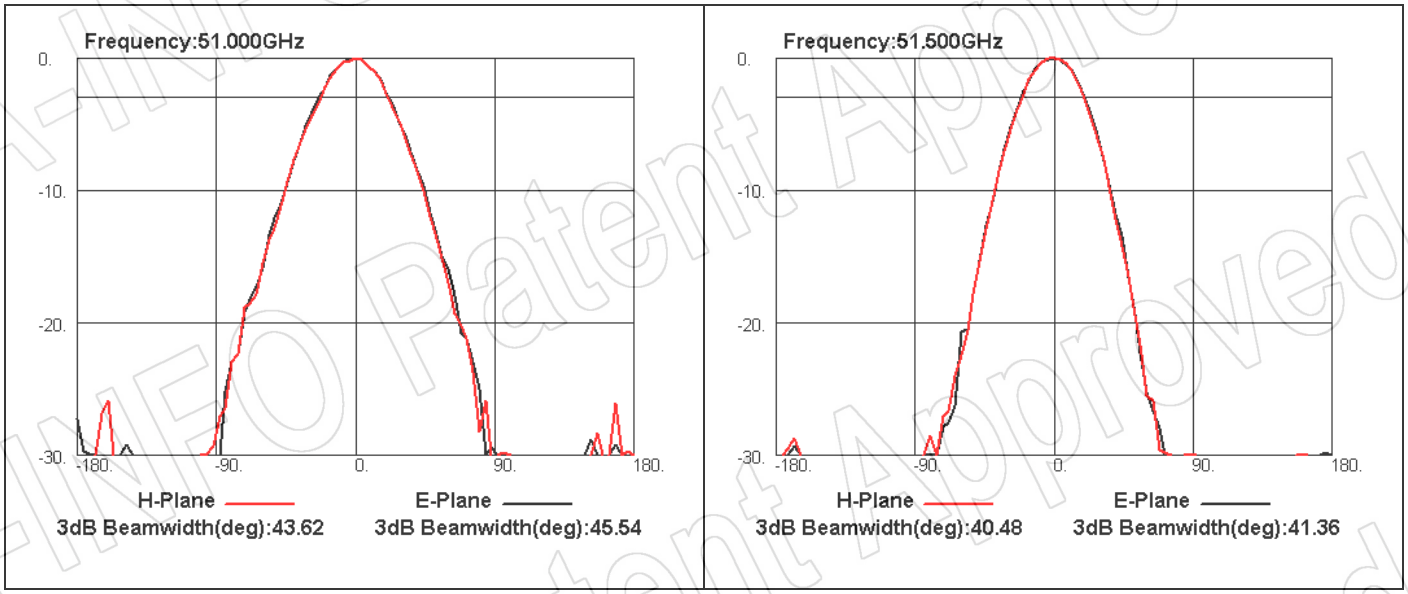


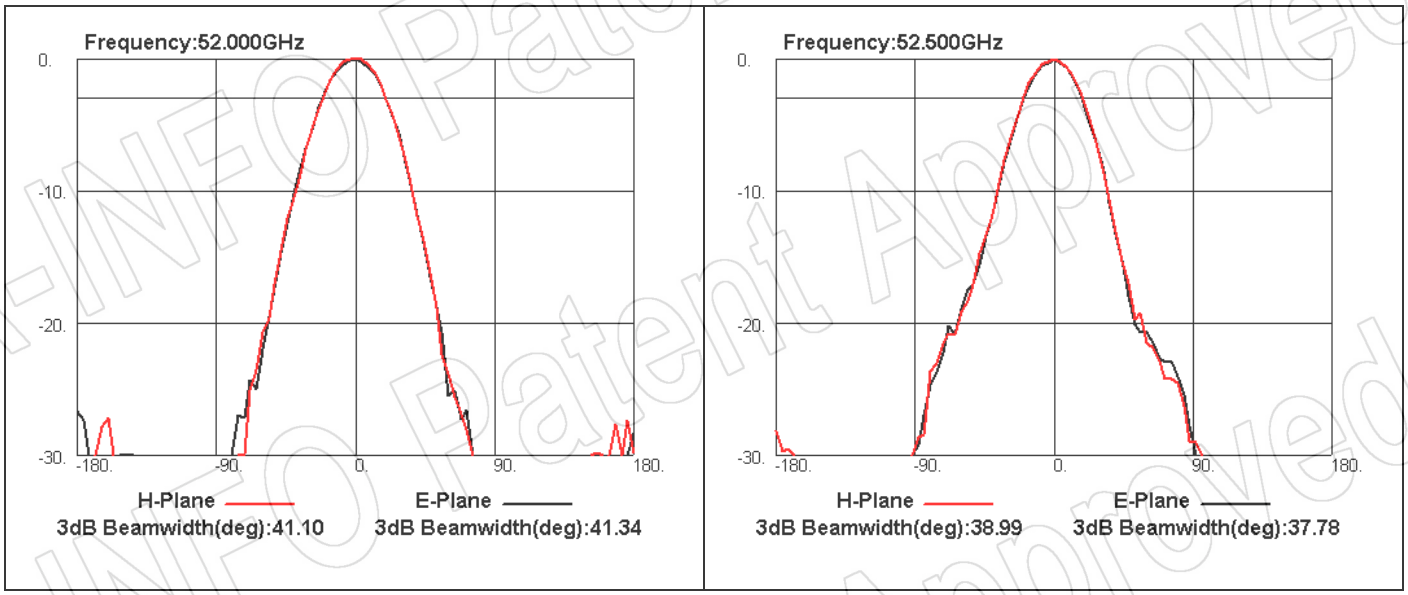


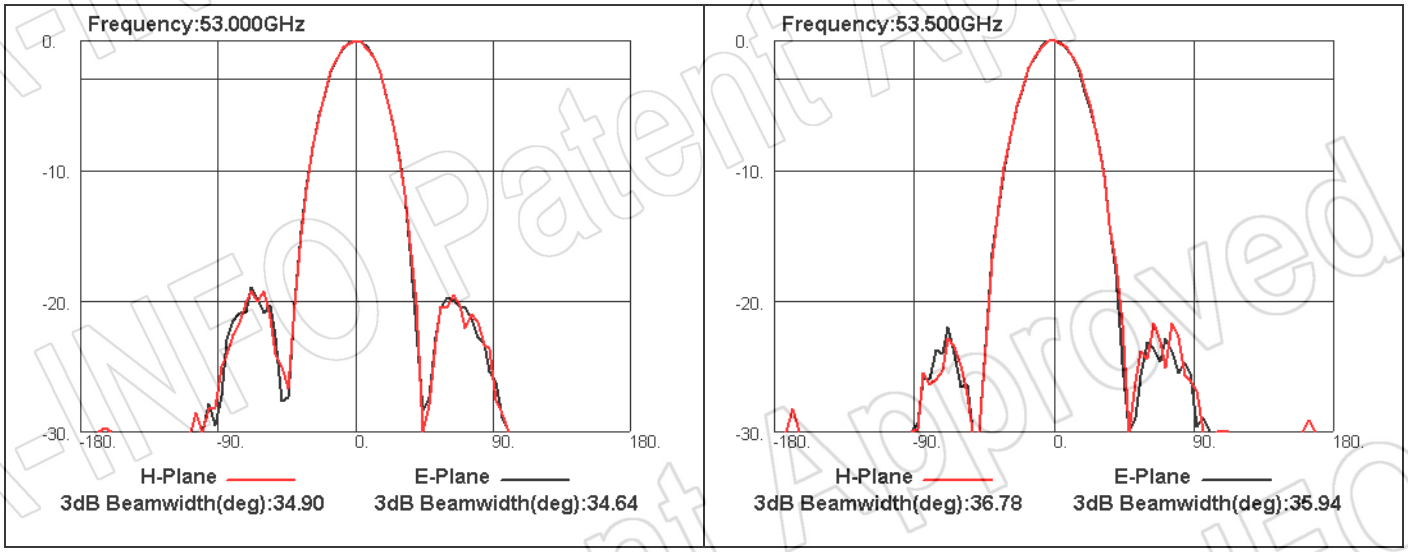


China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

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

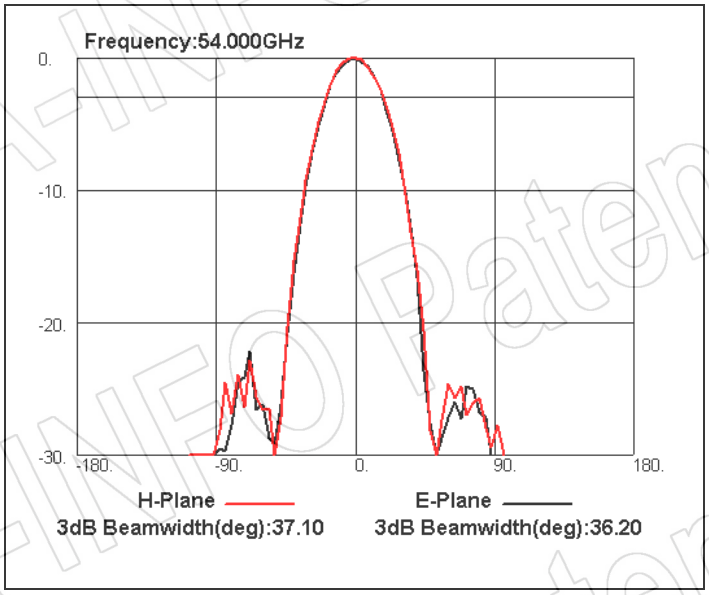






China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

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



A-INFO Patent Approved

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