

Technical Specification

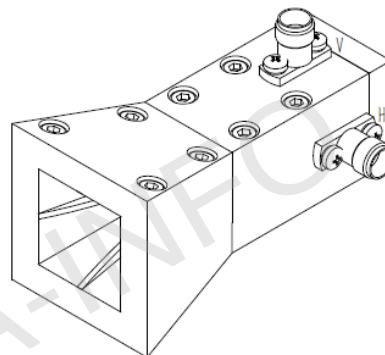
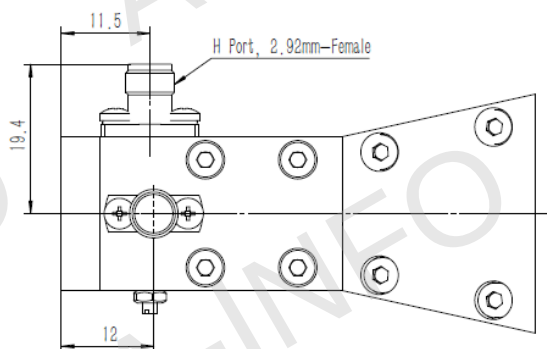
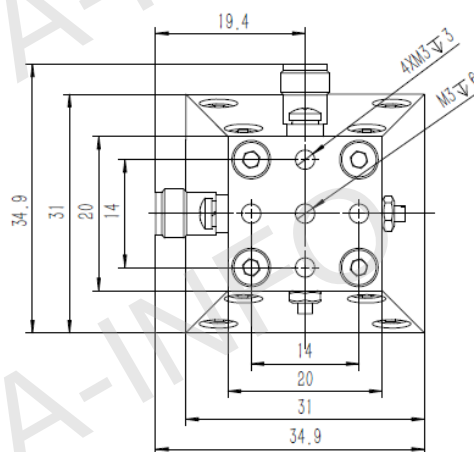
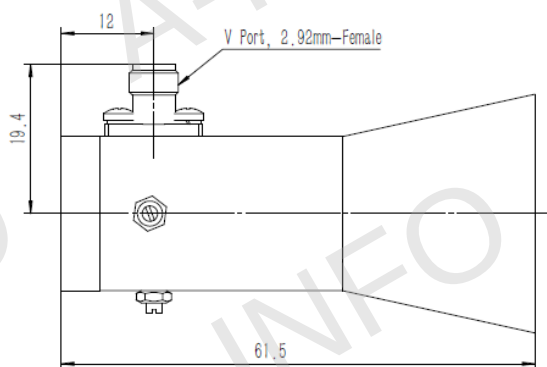


Frequency Range(GHz)	18 - 40
Gain(dBi)	15 Typ.
Polarization	Dual Pol.
3dB Beamwidth(deg)	55 - 20
Cross Pol. Isolation(dB)	30 Typ. 20 Min.
Port to Port Isolation(dB)	20 Min.
VSWR	2.0:1 Typ. 3.0:1 Max.
Connector	2.92mm-Female/ 2.4mm-Female
Power Handling(W)	10 Max. CW
Material	Cu
Size(mm)	34.9 x 34.9 x 61.5
Net Weight(Kg)	0.25 Around

Outline Drawing (Size: mm)

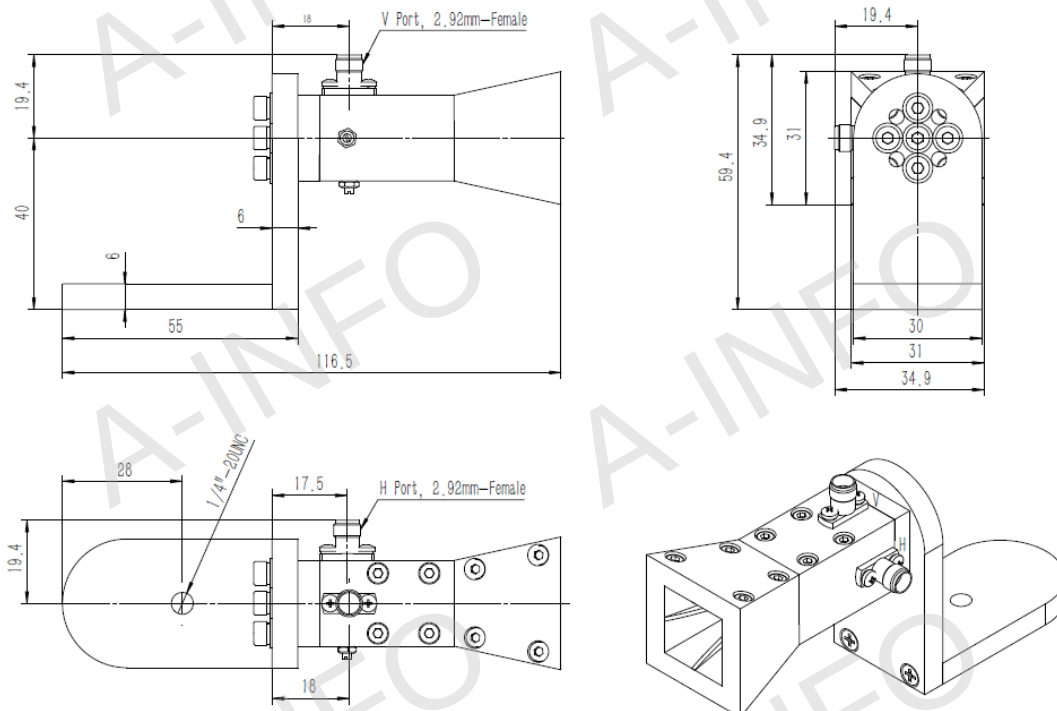
2.92mm-Female Output

For 2.4mm-Female output outline drawing, please contact A-INFO.



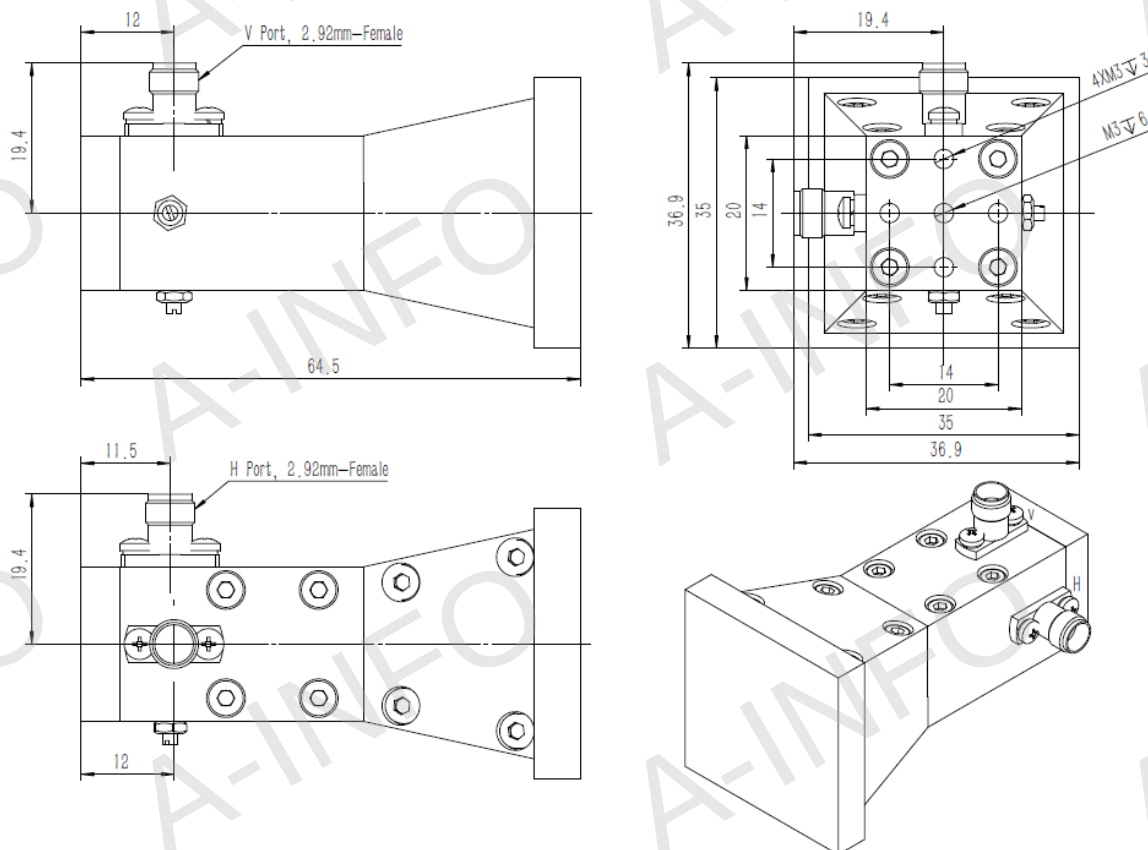
2.92mm Female Output with L type mounting bracket

For 2.4mm-Female output outline drawing, please contact A-INFO.

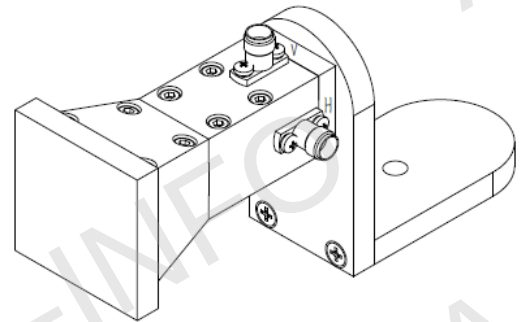
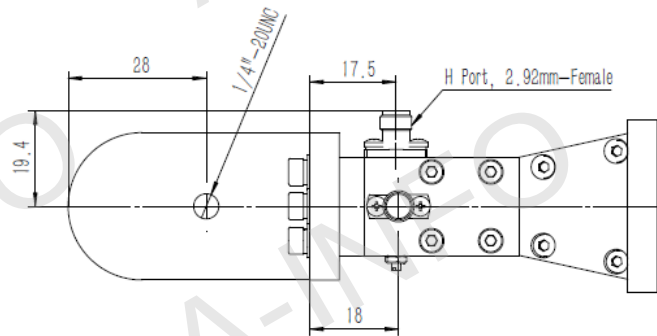
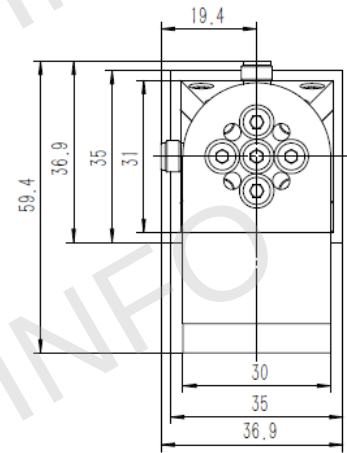
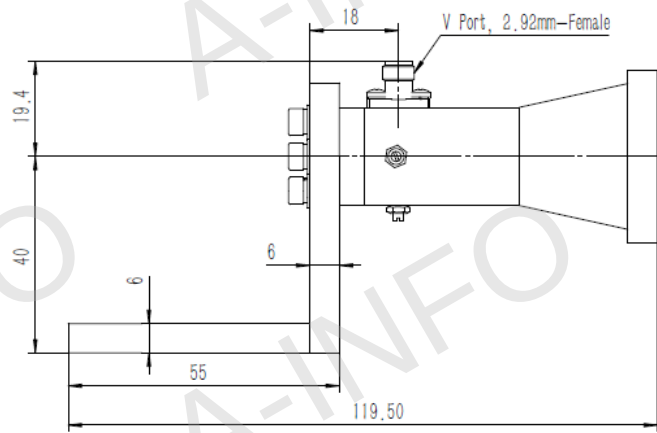


2.92mm Female Output with Radome

For 2.4mm-Female output outline drawing, please contact A-INFO.

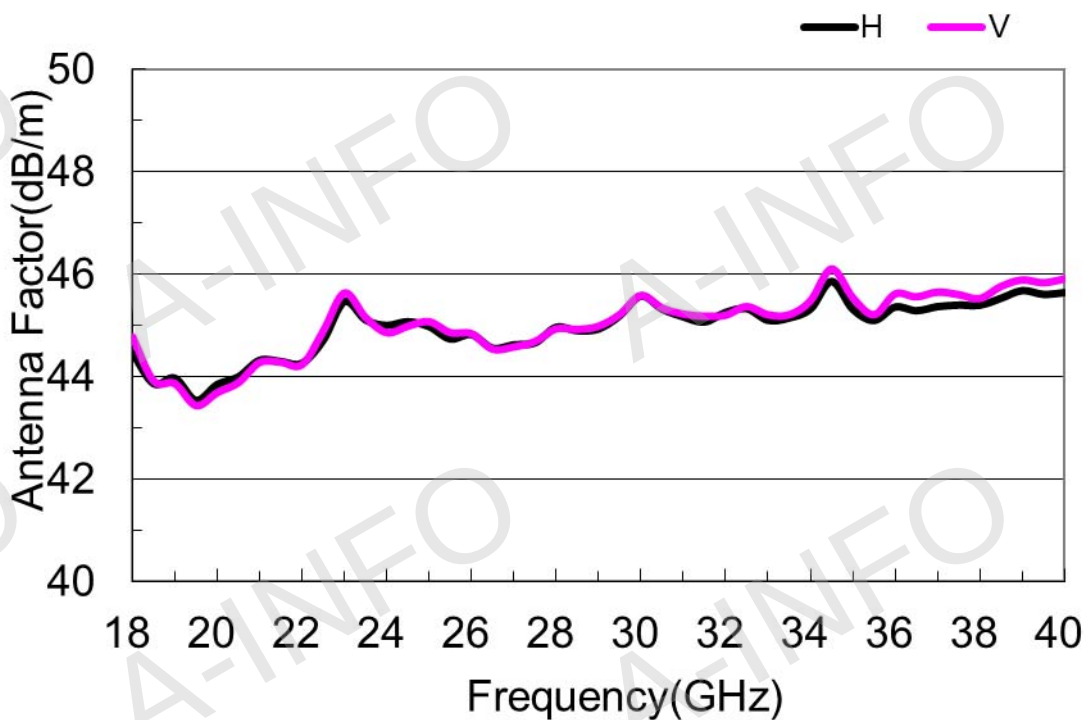
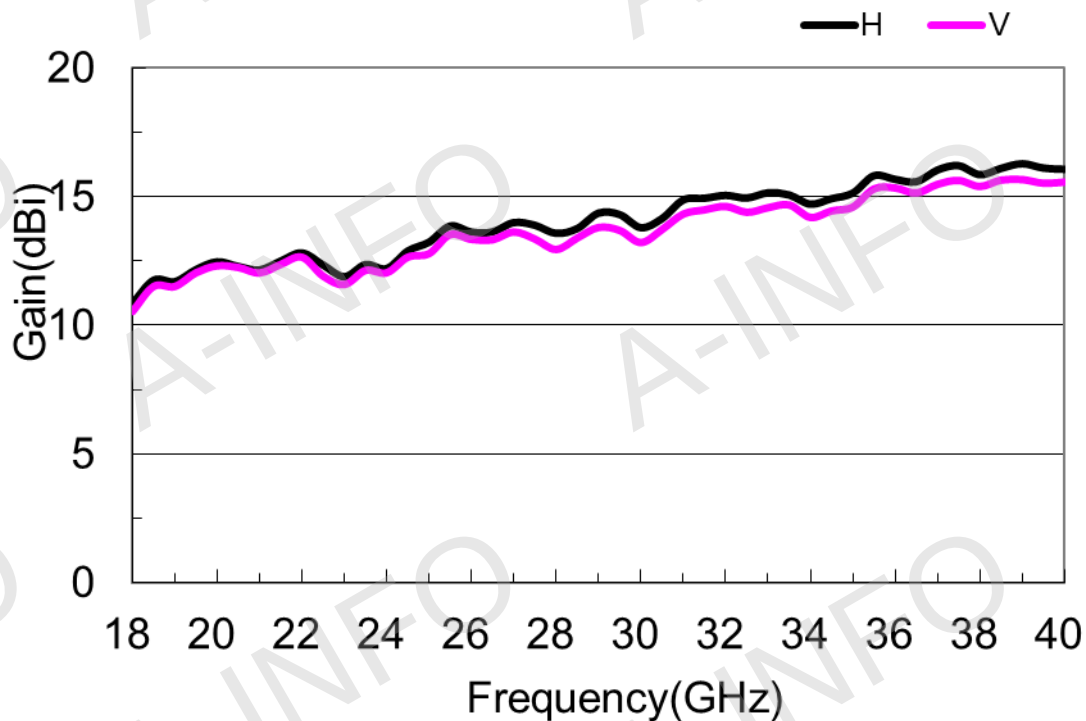


2.92mm Female Output with L type mounting bracket & Radome
For 2.4mm-Female output outline drawing, please contact A-INFO.



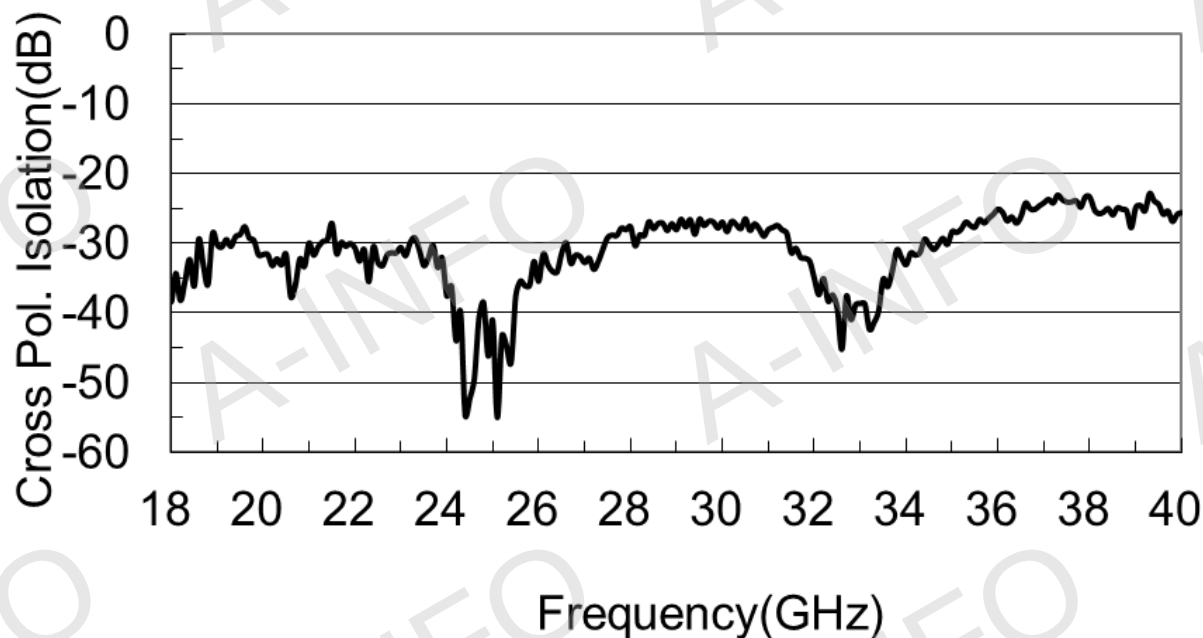
Test Results

1. Gain and Antenna Factor

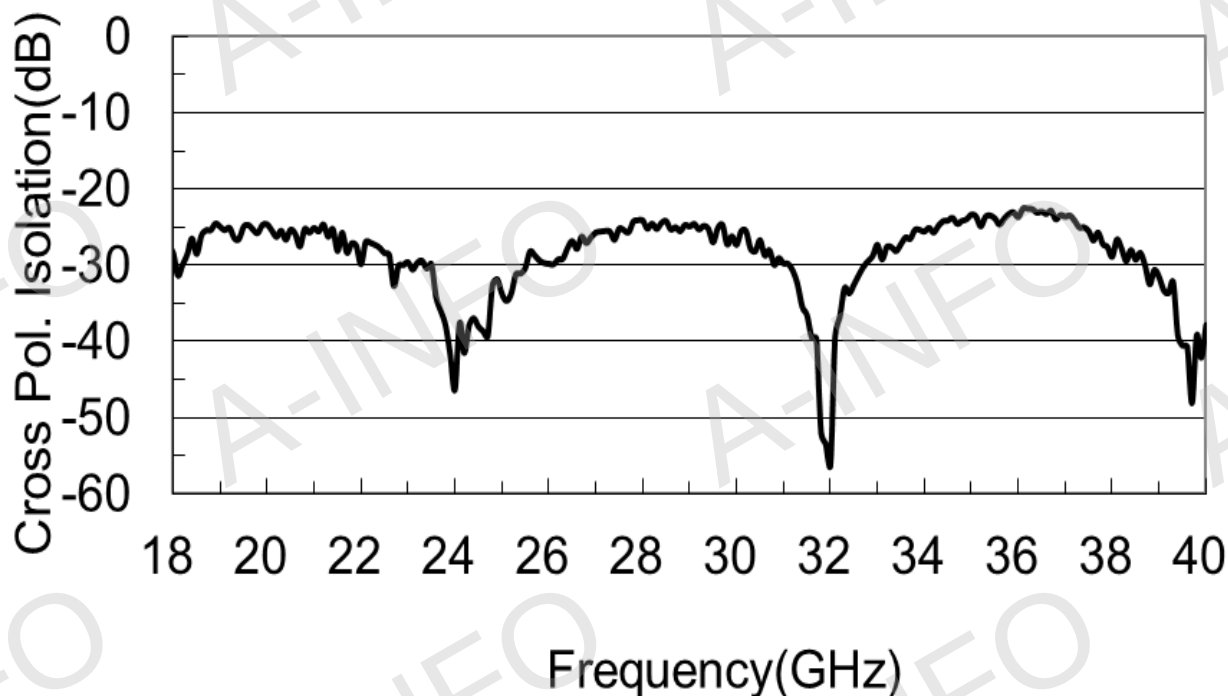


2. Cross Polarization Isolation

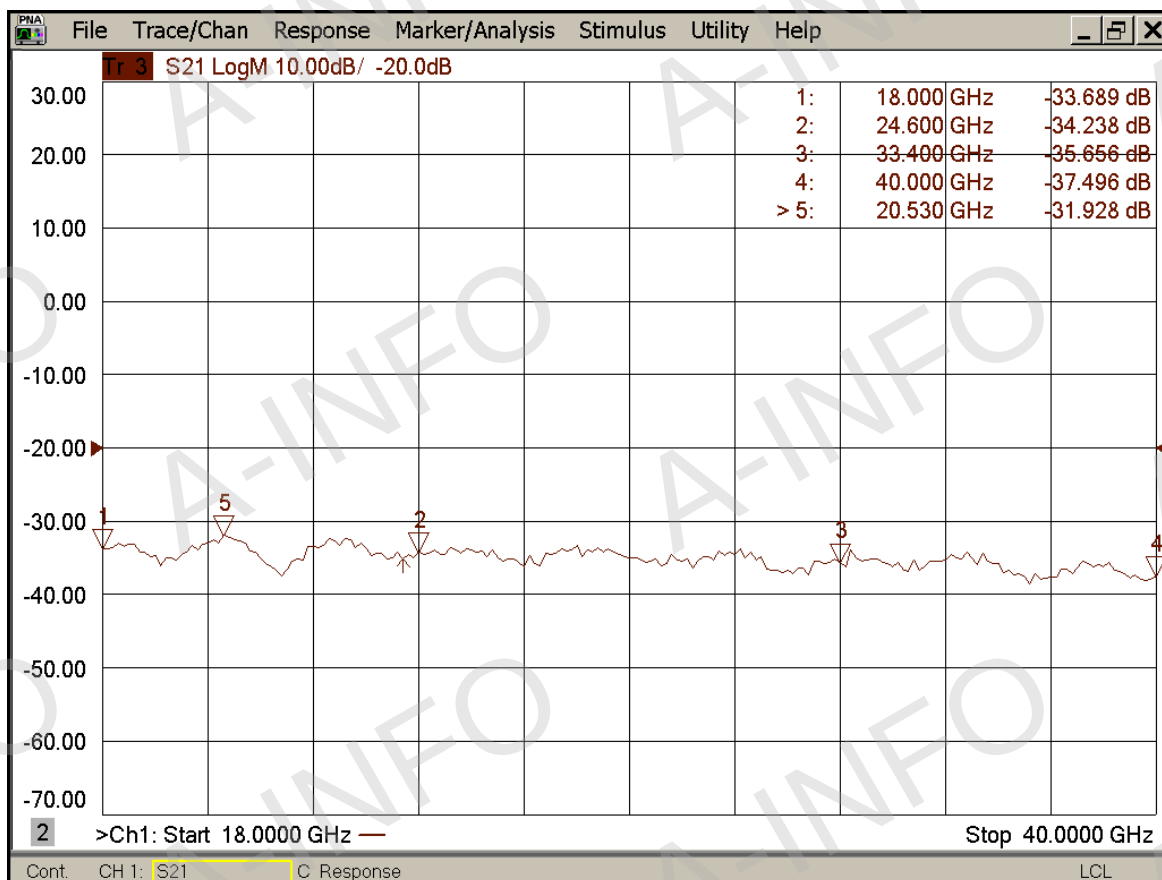
Port-V



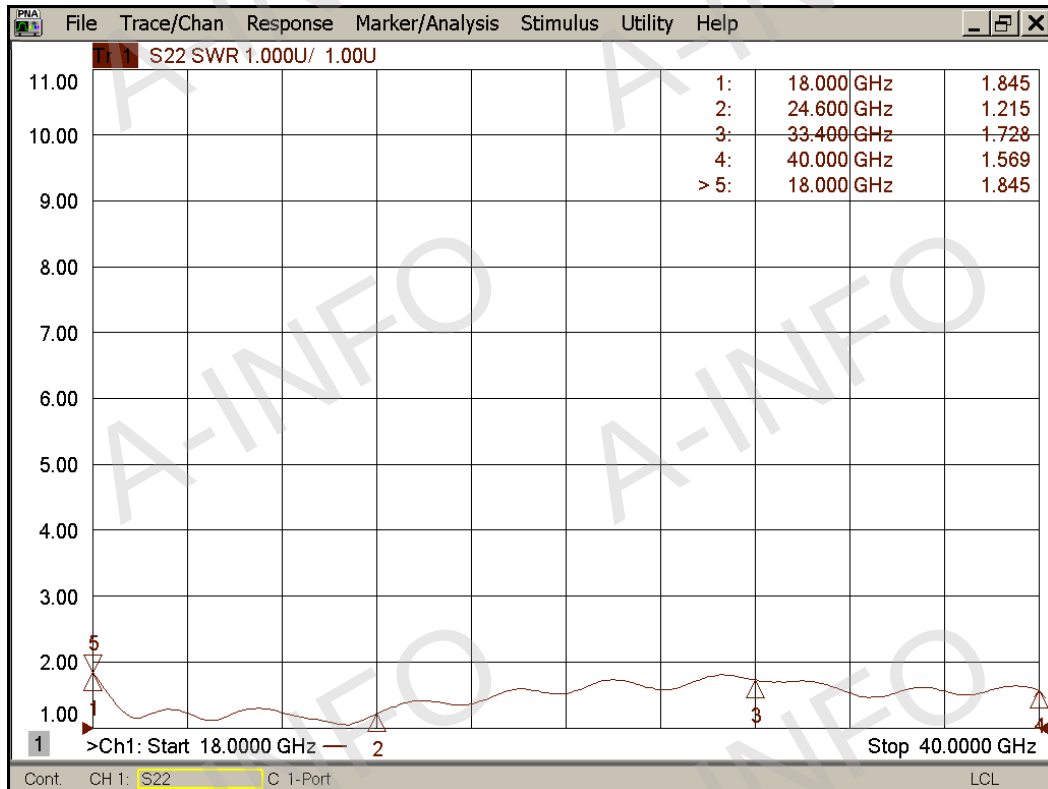
Port-H



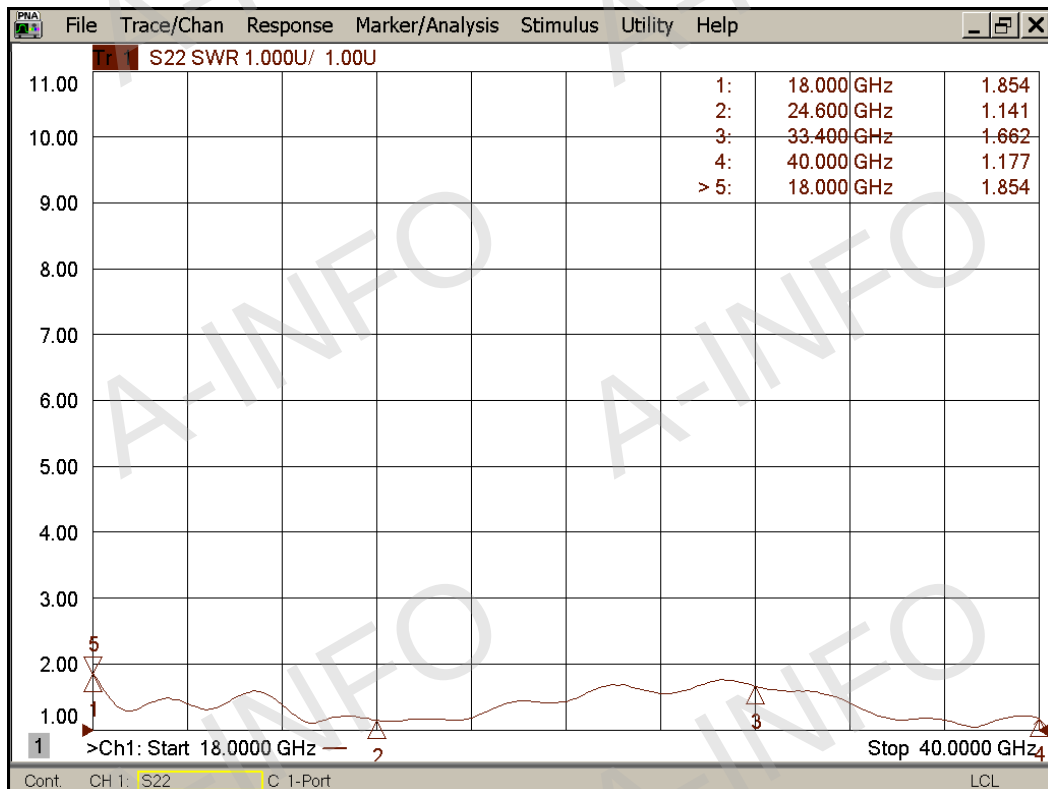
3. Port to Port Isolation



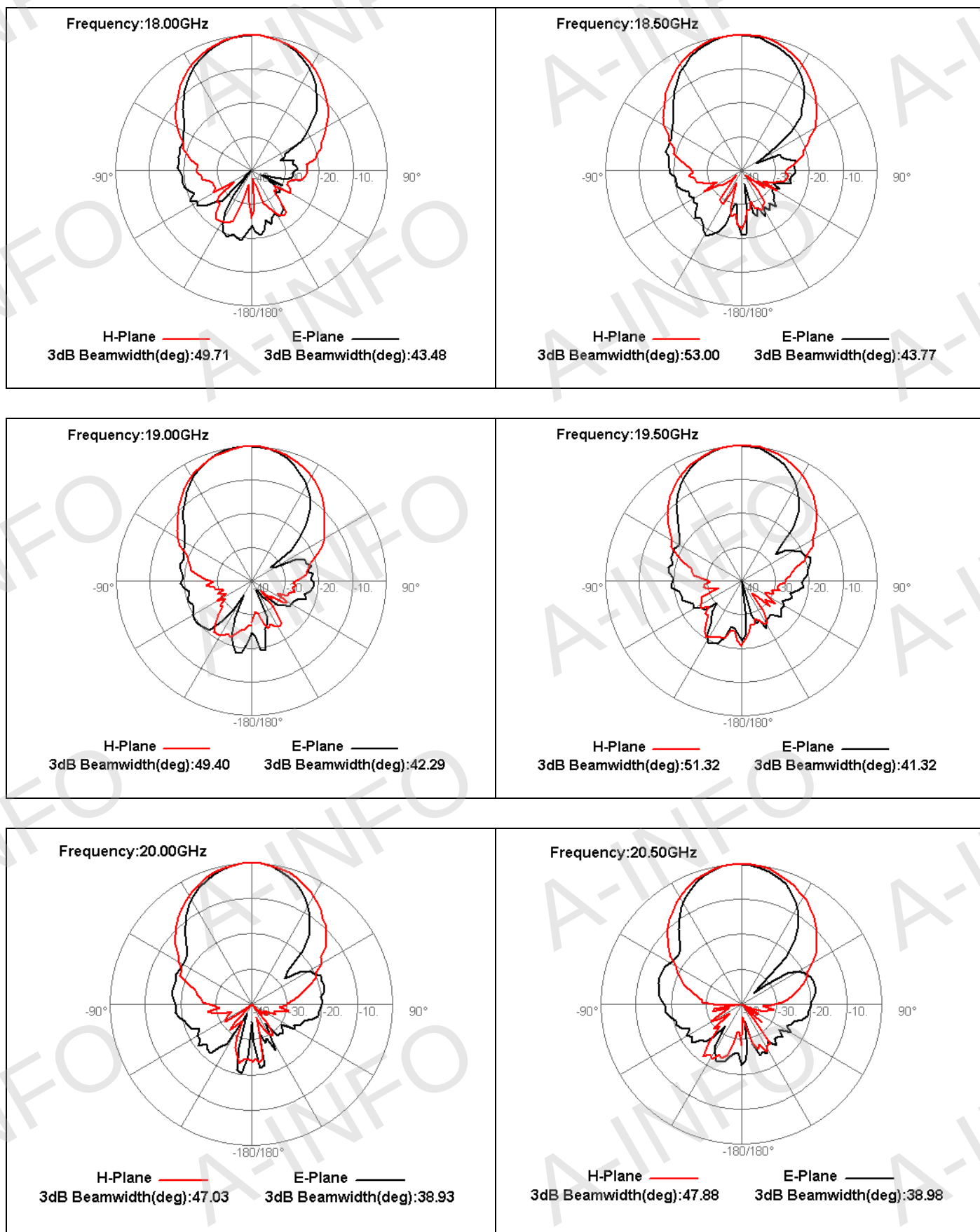
4. VSWR Port-V



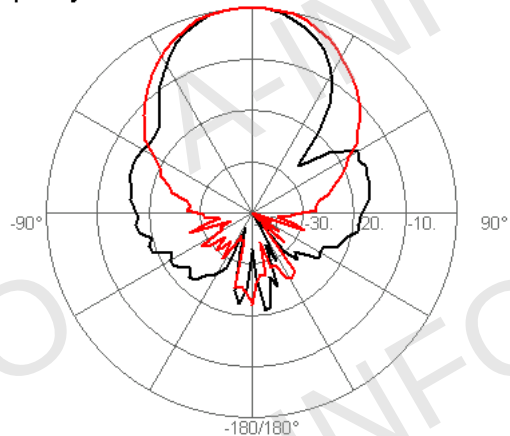
Port-H



5. Pattern

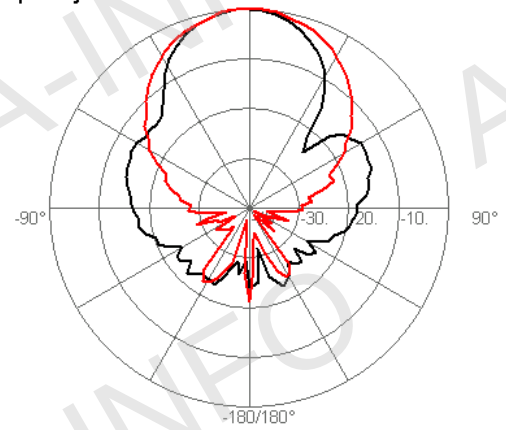


Frequency:21.00GHz



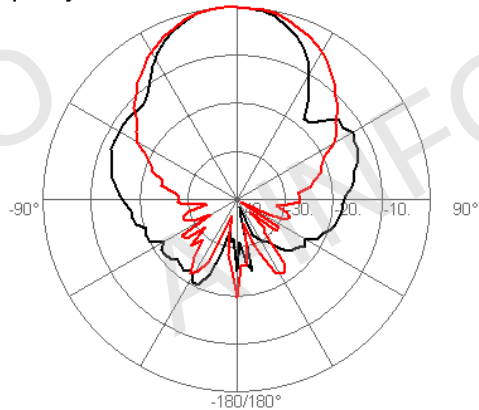
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):48.88 3dB Beamwidth(deg):39.52

Frequency:21.50GHz



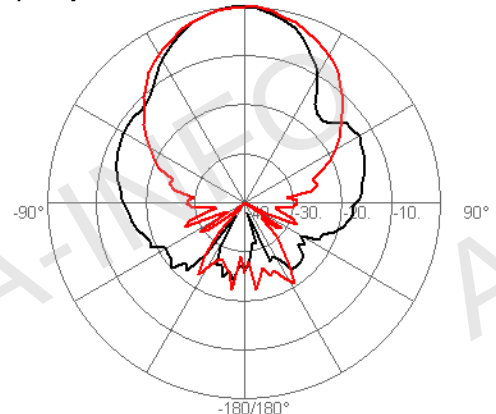
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):46.83 3dB Beamwidth(deg):37.24

Frequency:22.00GHz



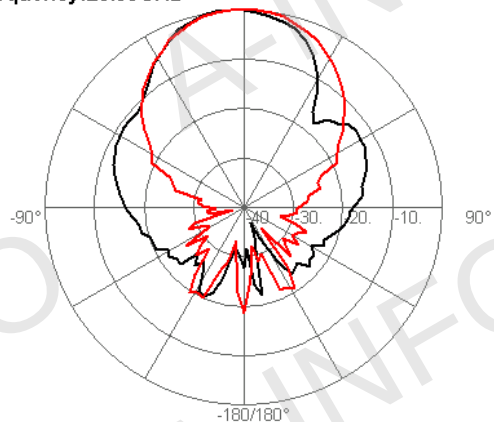
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):48.25 3dB Beamwidth(deg):38.93

Frequency:22.50GHz



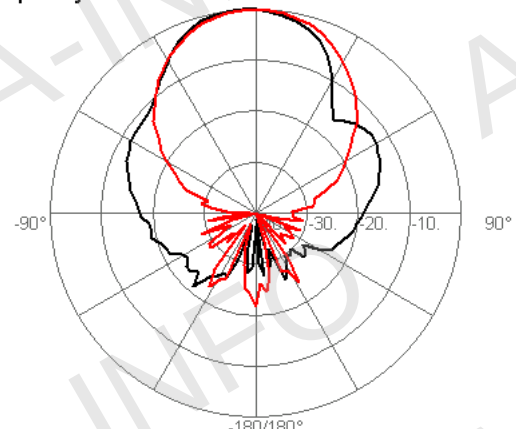
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):42.60 3dB Beamwidth(deg):36.02

Frequency:23.00GHz



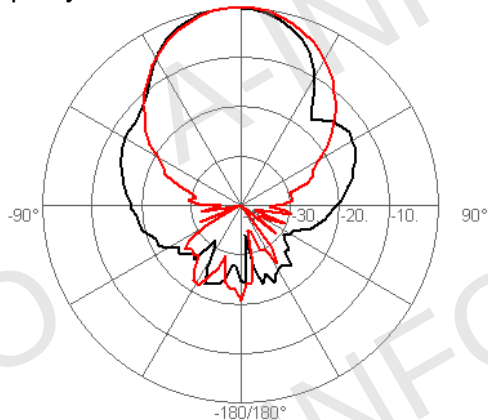
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):46.59 3dB Beamwidth(deg):41.43

Frequency:23.50GHz



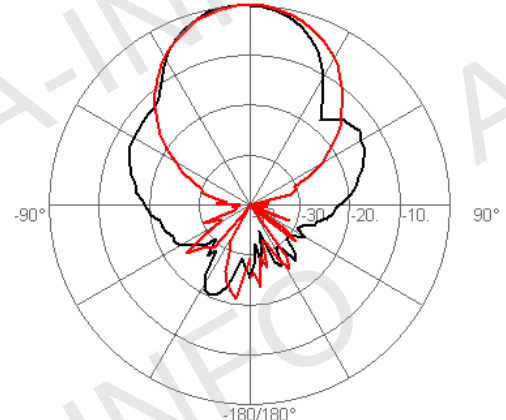
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):43.36 3dB Beamwidth(deg):40.16

Frequency:24.00GHz



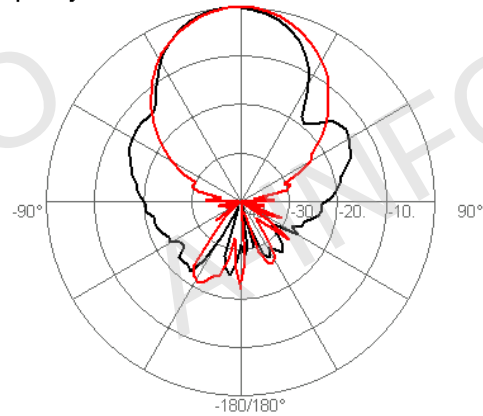
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):42.74 3dB Beamwidth(deg):39.82

Frequency:24.50GHz



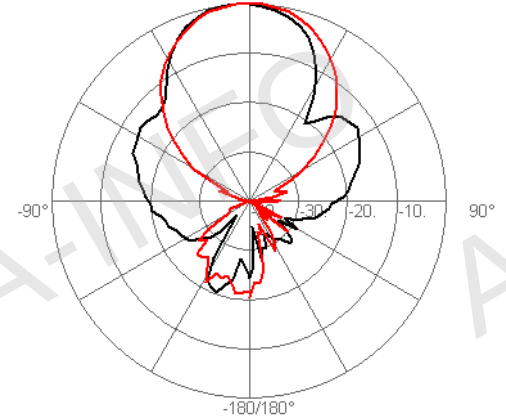
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):40.73 3dB Beamwidth(deg):37.79

Frequency:25.00GHz



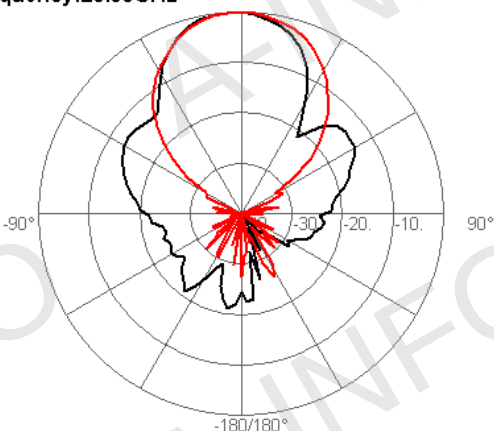
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):40.72 3dB Beamwidth(deg):36.63

Frequency:25.50GHz



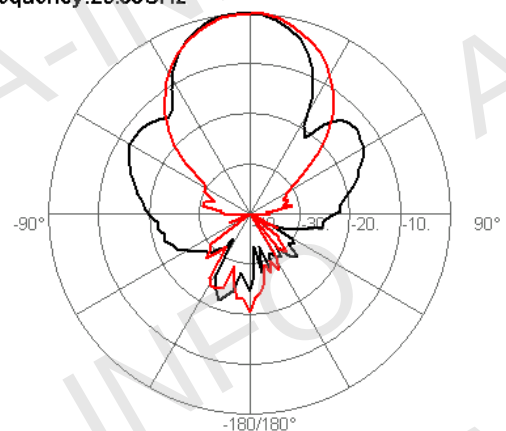
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):40.33 3dB Beamwidth(deg):36.92

Frequency:26.00GHz



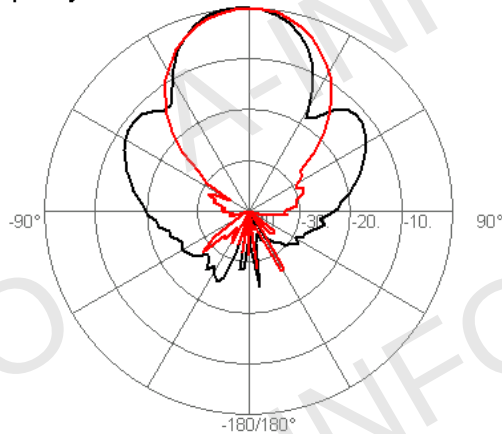
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):38.31 3dB Beamwidth(deg):34.75

Frequency:26.50GHz



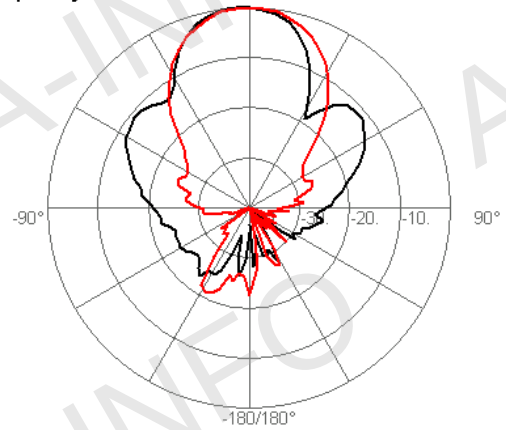
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):36.04 3dB Beamwidth(deg):33.16

Frequency:27.00GHz



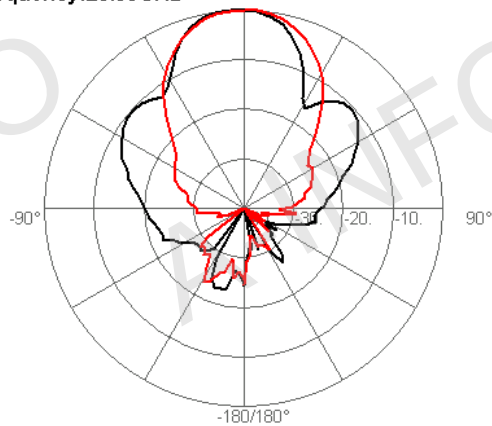
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):35.87 3dB Beamwidth(deg):32.42

Frequency:27.50GHz



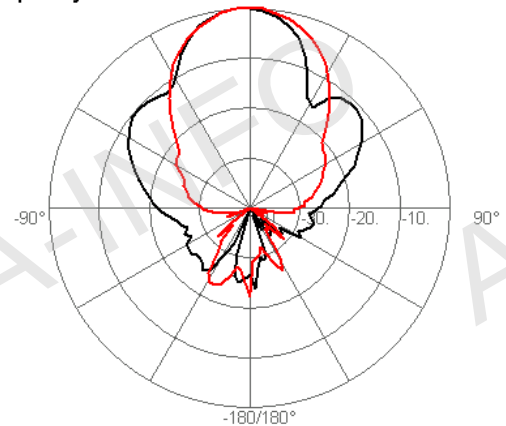
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):35.61 3dB Beamwidth(deg):32.10

Frequency:28.00GHz



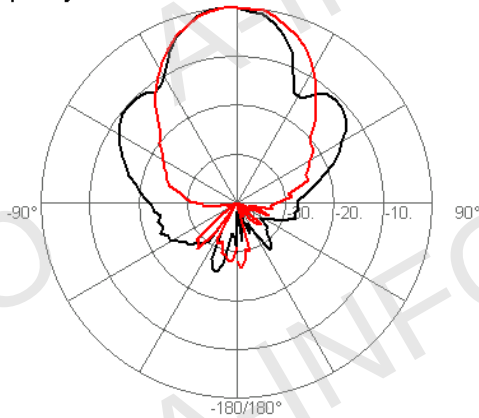
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):35.81 3dB Beamwidth(deg):31.86

Frequency:28.50GHz



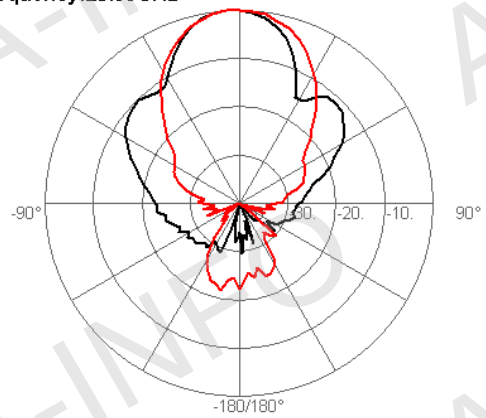
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):34.79 3dB Beamwidth(deg):30.25

Frequency:29.00GHz



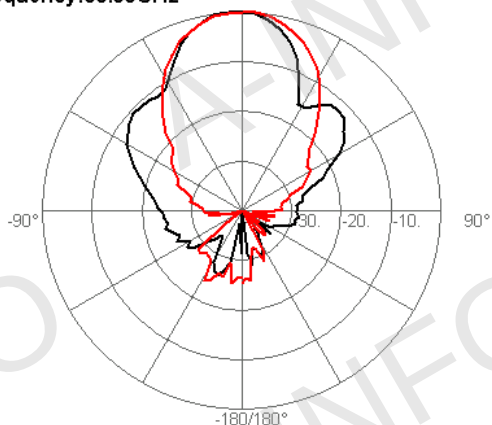
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):35.71 3dB Beamwidth(deg):30.68

Frequency:29.50GHz



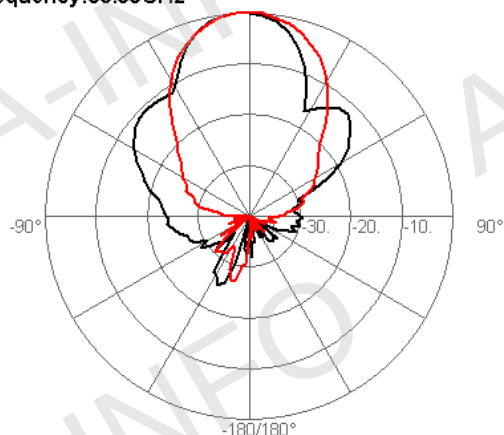
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):35.22 3dB Beamwidth(deg):29.52

Frequency:30.00GHz



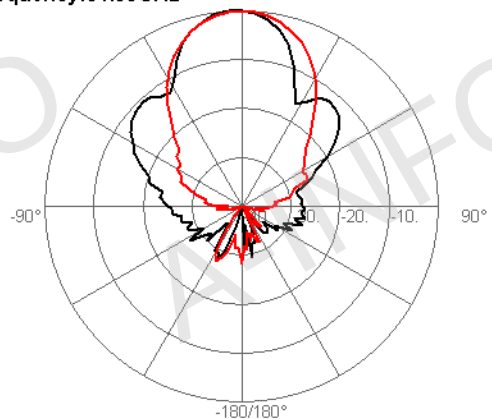
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):34.97 3dB Beamwidth(deg):29.80

Frequency:30.50GHz



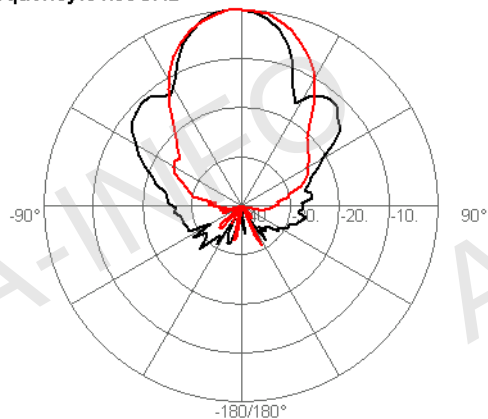
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):34.37 3dB Beamwidth(deg):29.39

Frequency:31.00GHz



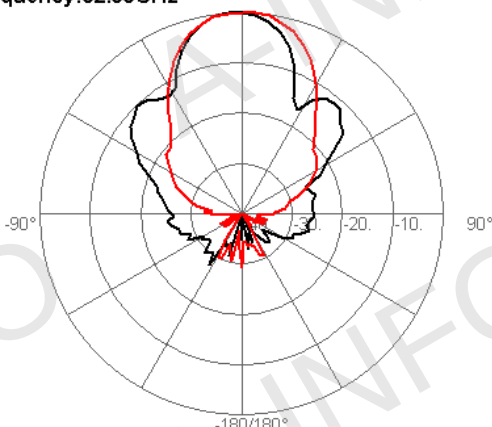
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):32.22 3dB Beamwidth(deg):27.95

Frequency:31.50GHz



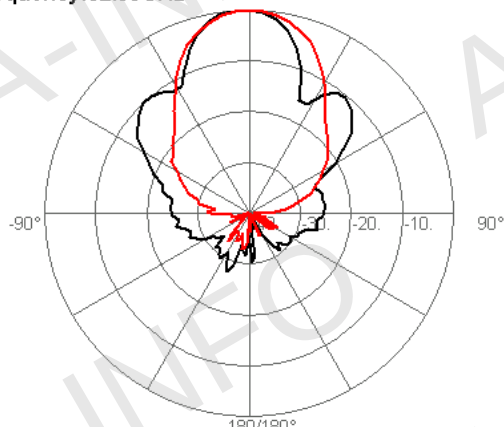
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):32.58 3dB Beamwidth(deg):27.14

Frequency:32.00GHz

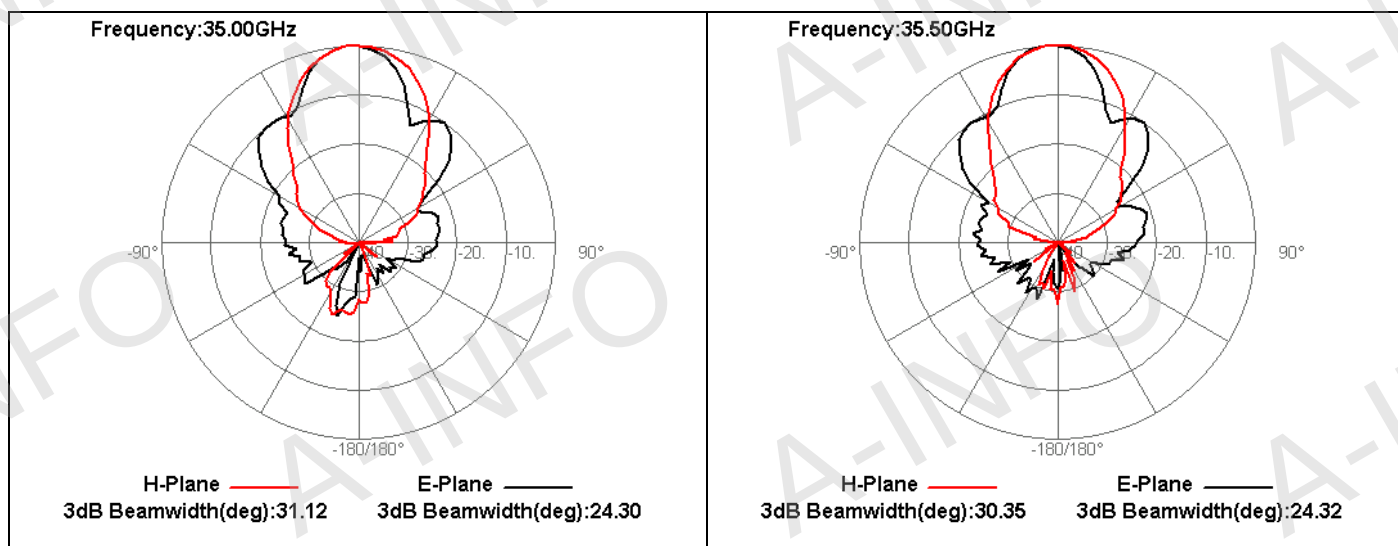
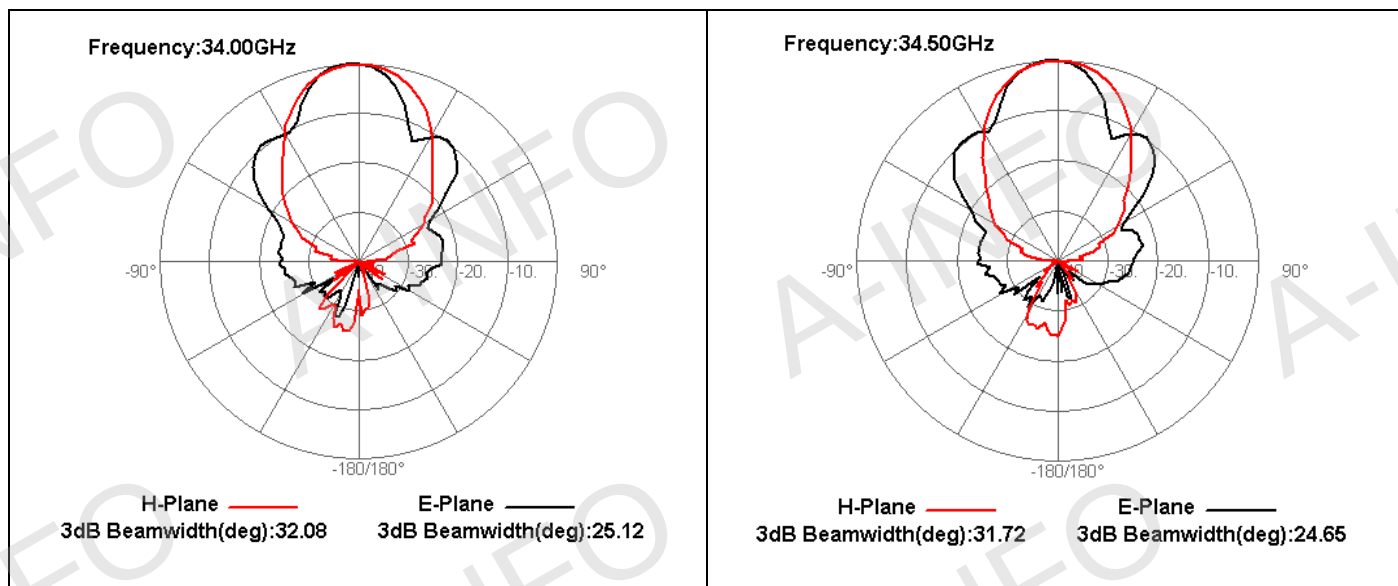
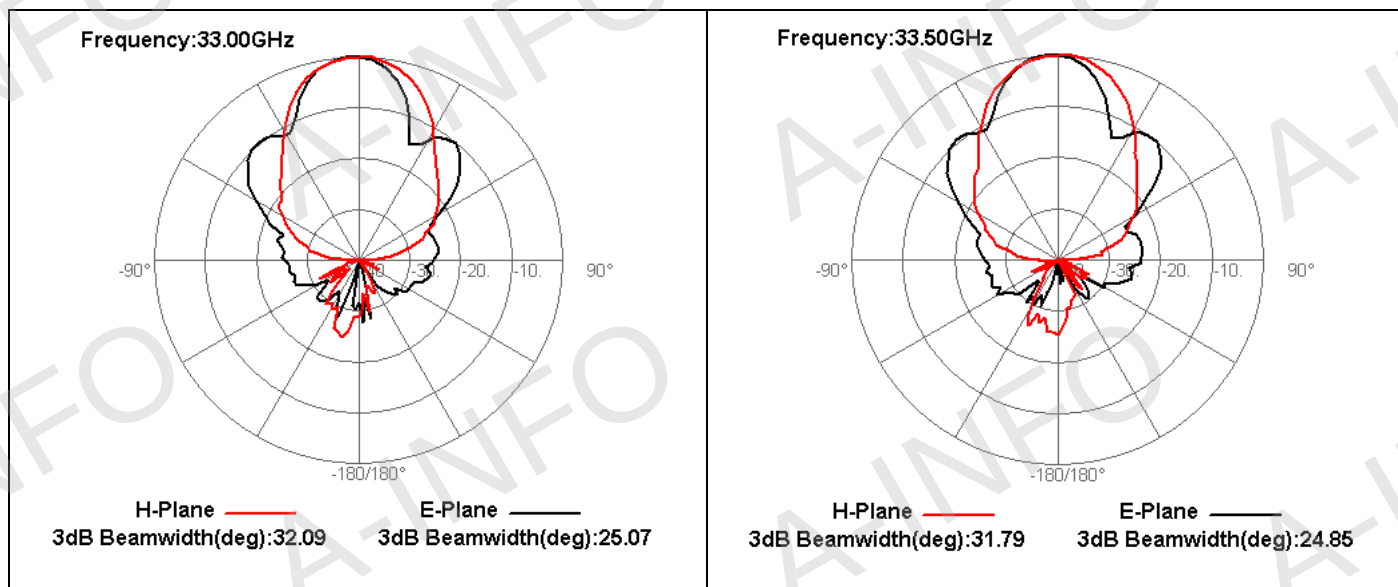


H-Plane ——— E-Plane ———
3dB Beamwidth(deg):33.78 3dB Beamwidth(deg):27.29

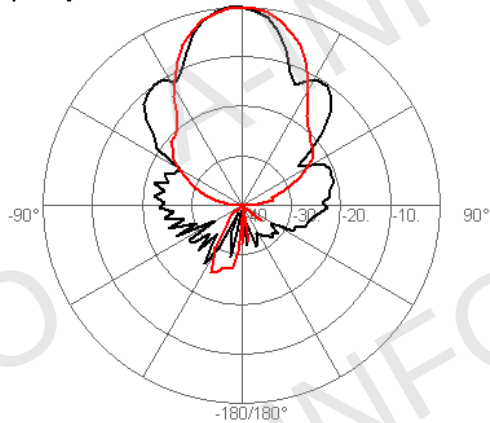
Frequency:32.50GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):31.41 3dB Beamwidth(deg):25.98

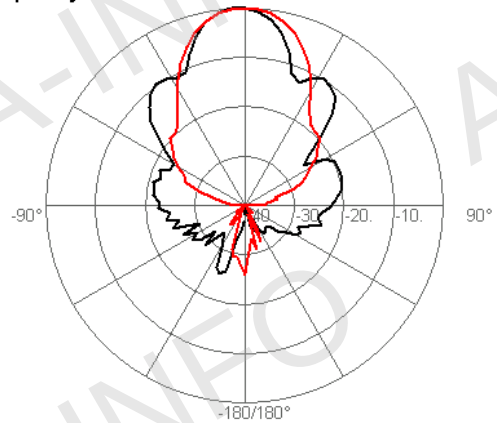


Frequency:36.00GHz



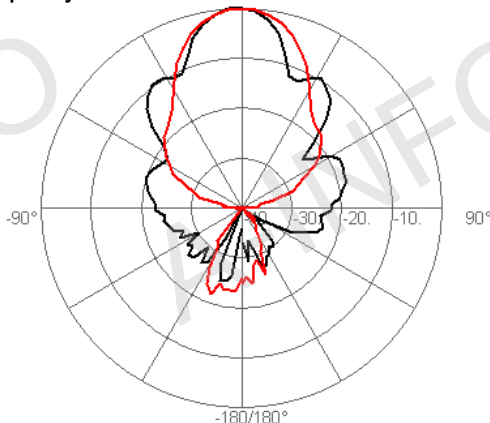
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):28.43 3dB Beamwidth(deg):23.64

Frequency:36.50GHz



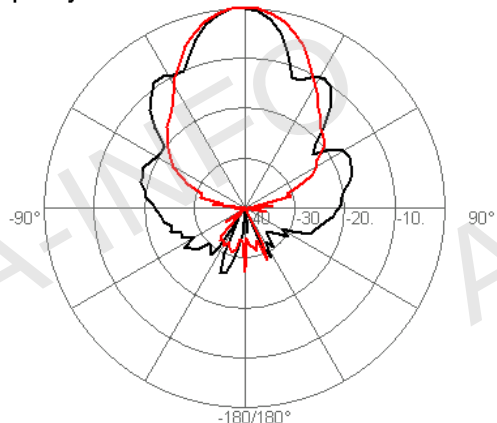
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):28.72 3dB Beamwidth(deg):23.21

Frequency:37.00GHz



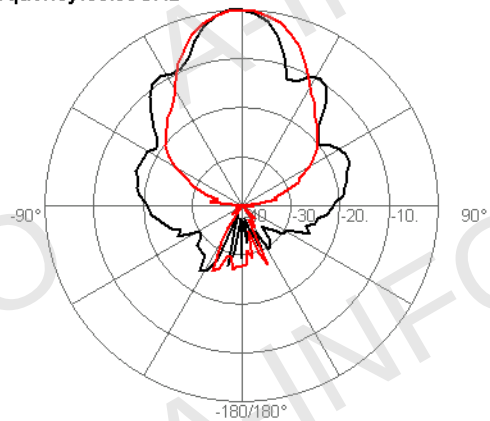
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):27.84 3dB Beamwidth(deg):22.57

Frequency:37.50GHz



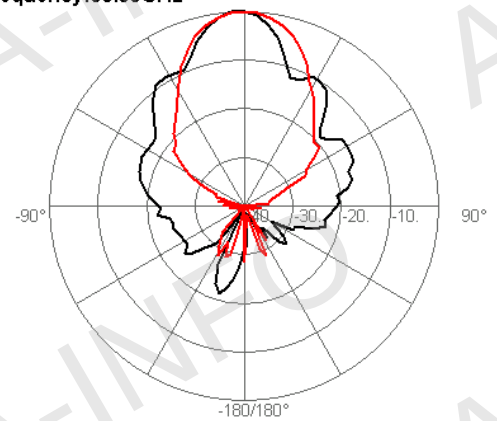
H-Plane ——— E-Plane ———
3dB Beamwidth(deg):28.85 3dB Beamwidth(deg):22.38

Frequency:38.00GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):28.41 3dB Beamwidth(deg):21.95

Frequency:38.50GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg):28.57 3dB Beamwidth(deg):21.33

