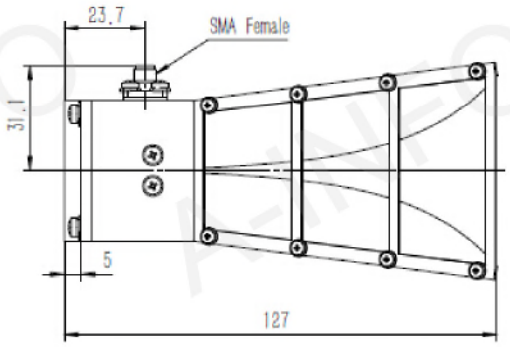
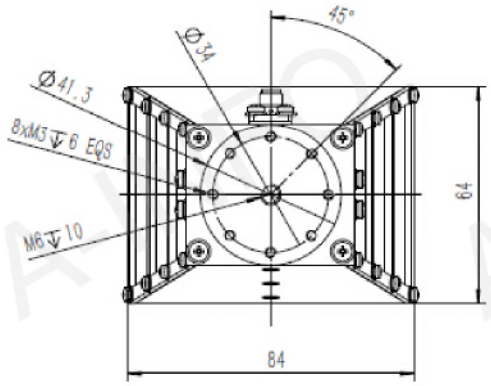
Technical Specification

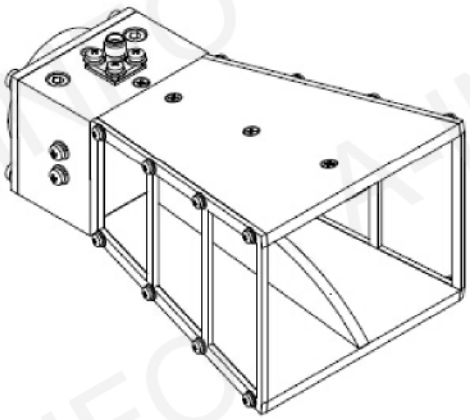
Frequency Range(GHz)	2.0 - 24.5
Gain(dB)	13 Typ.
Polarization	Linear
VSWR	1.5:1 Typ.
	3.0:1 Max.
Connector	SMA-Female
Power Handling(W)	50 Max. CW
Size(mm)	84 x 64 x 127
Net Weight(Kg)	0.35 Around

Outline Drawing (Size: mm)

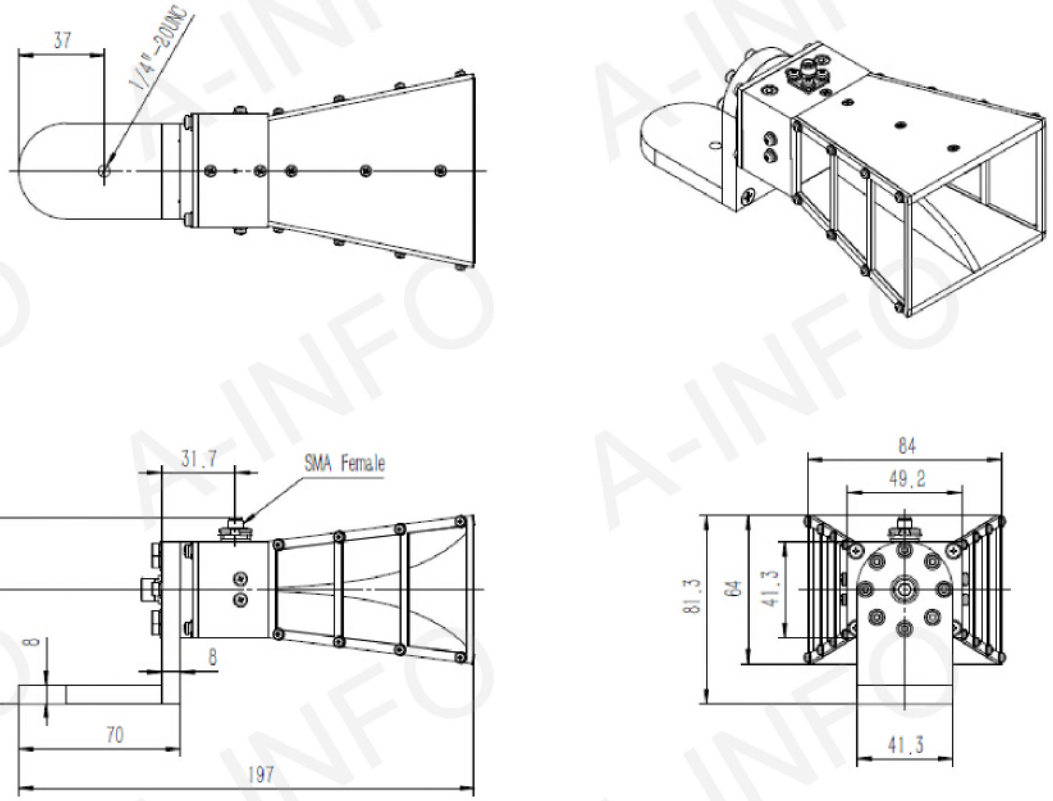
SMA-Female Output





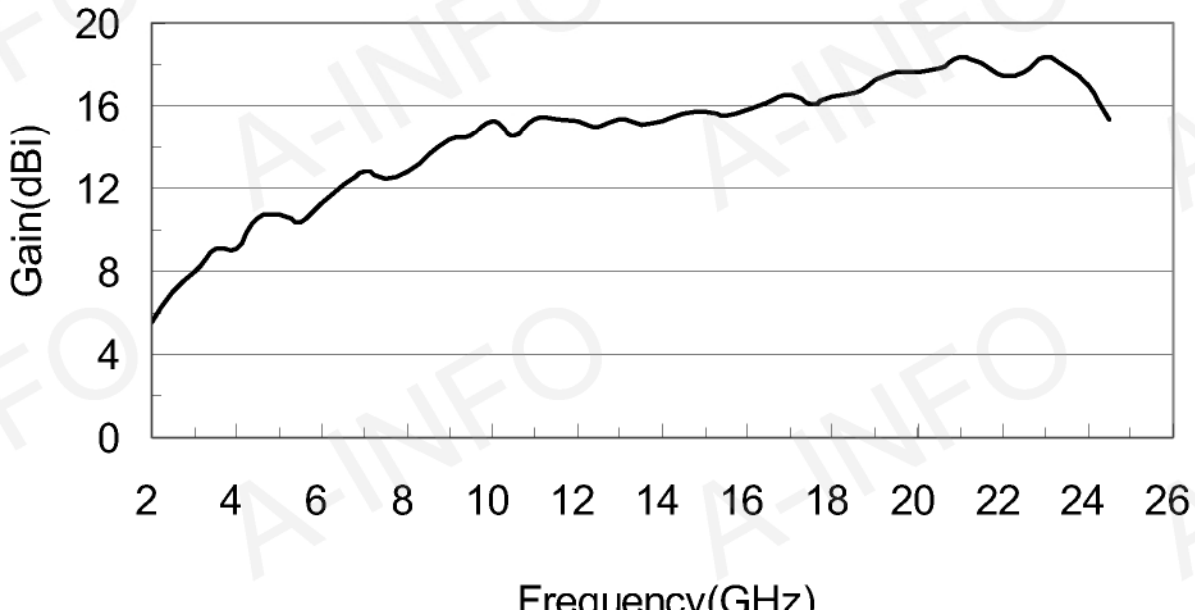


SMA-Female Output with L type mounting bracket

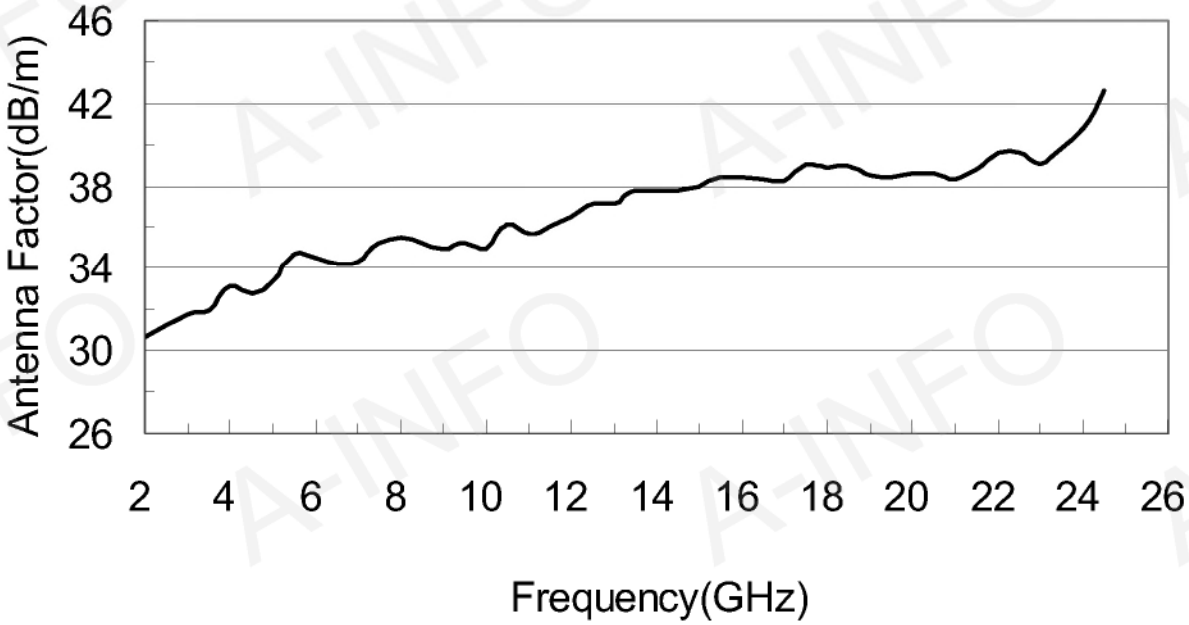


Test Results

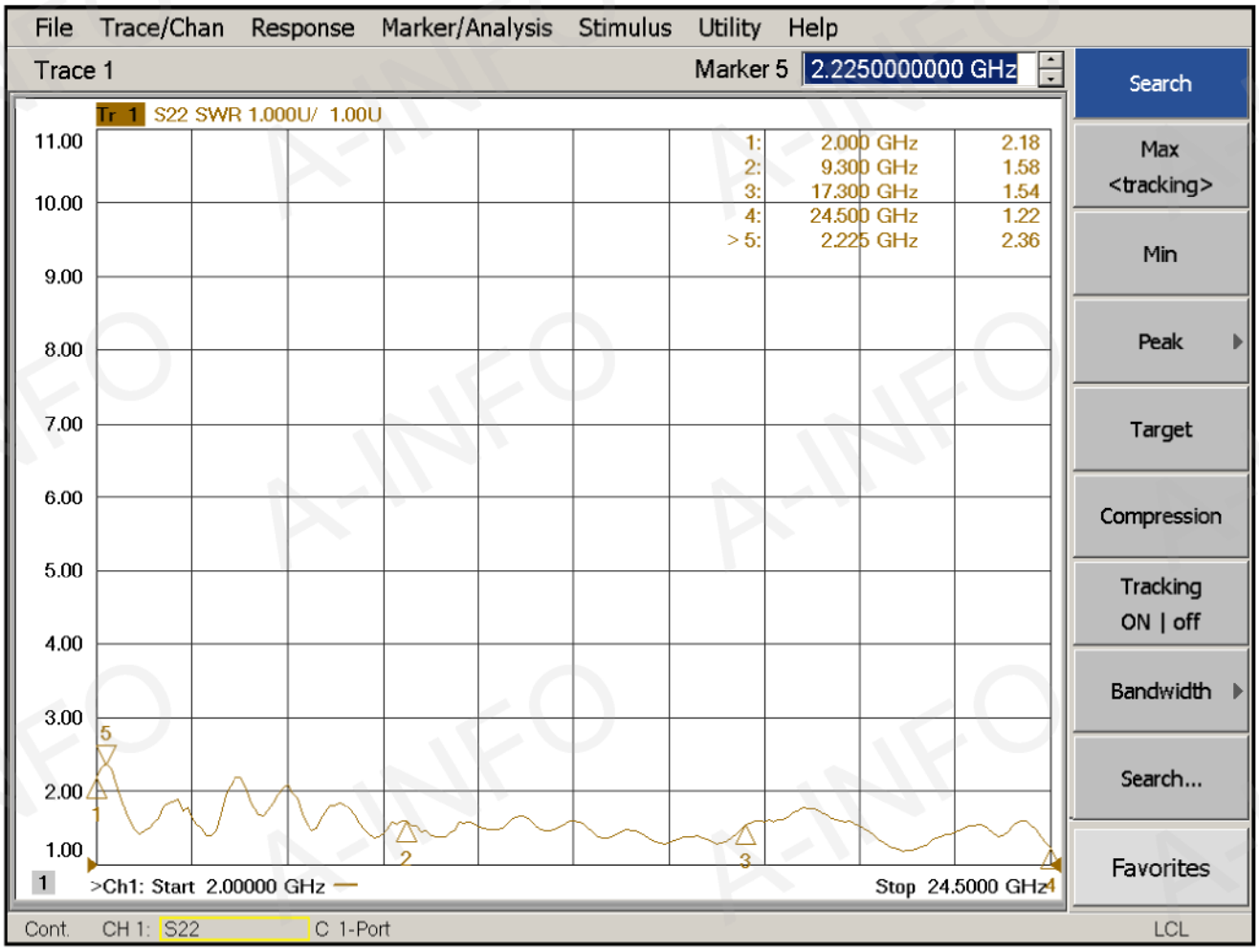
1. Gain



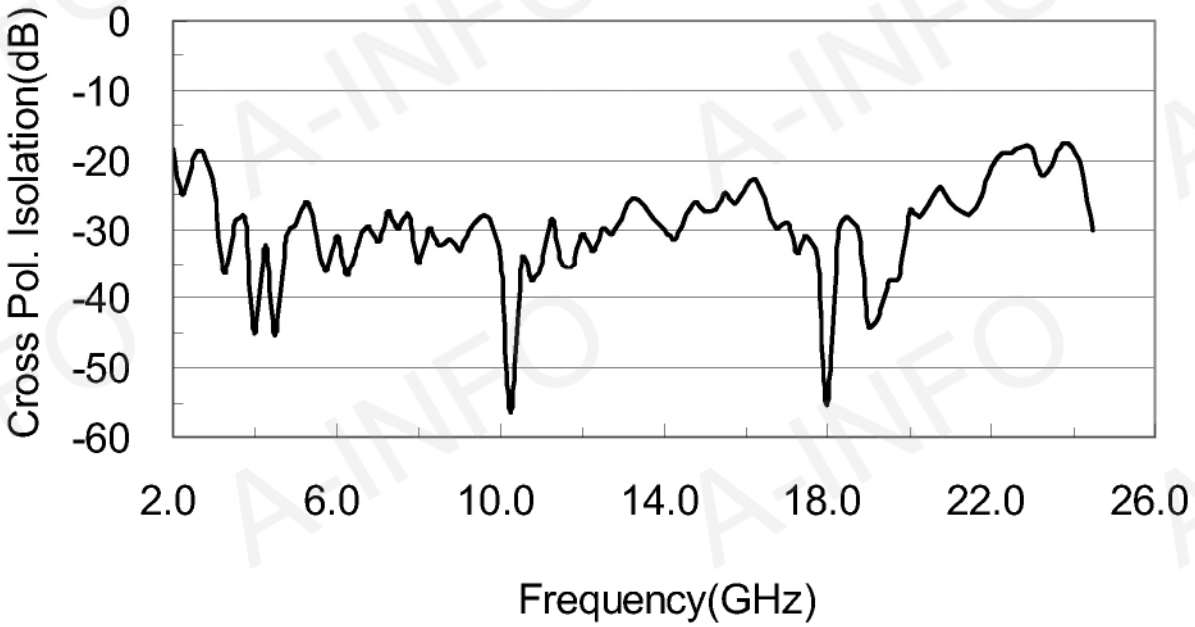
2. Antenna Factor



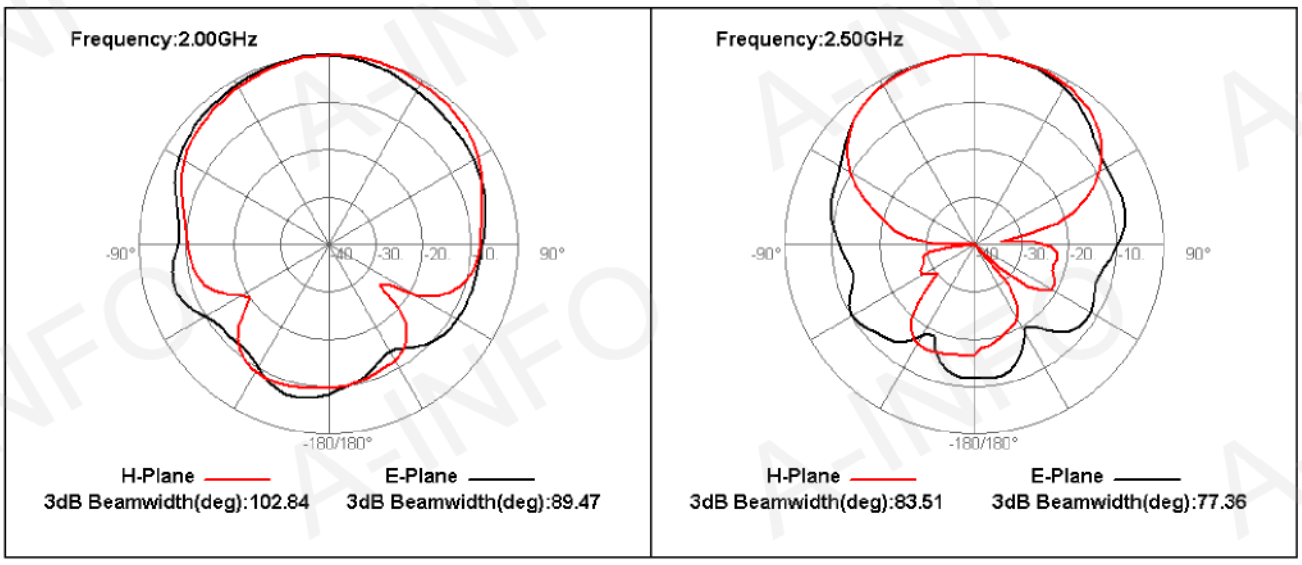
3. VSWR

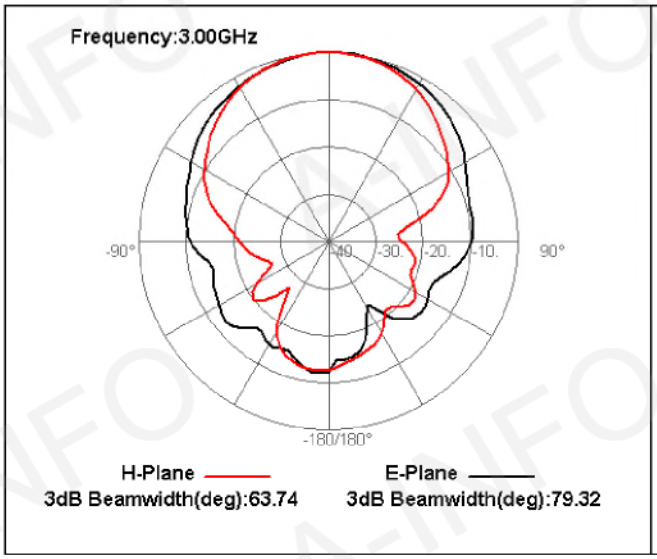


4. Cross Pol. Isolation



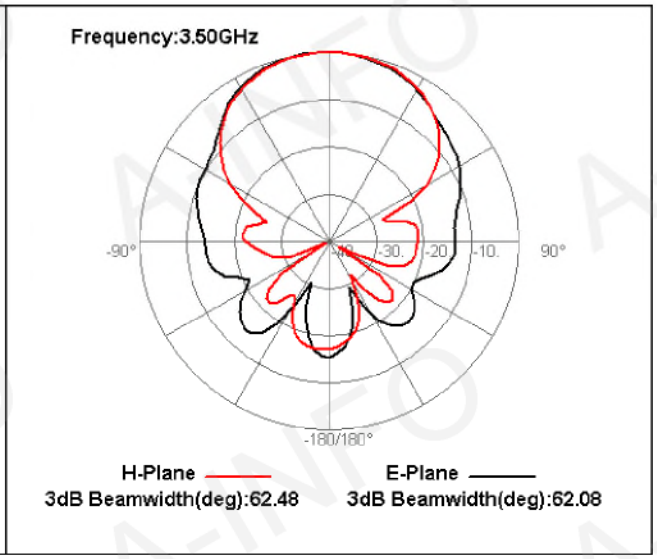
5. Pattern





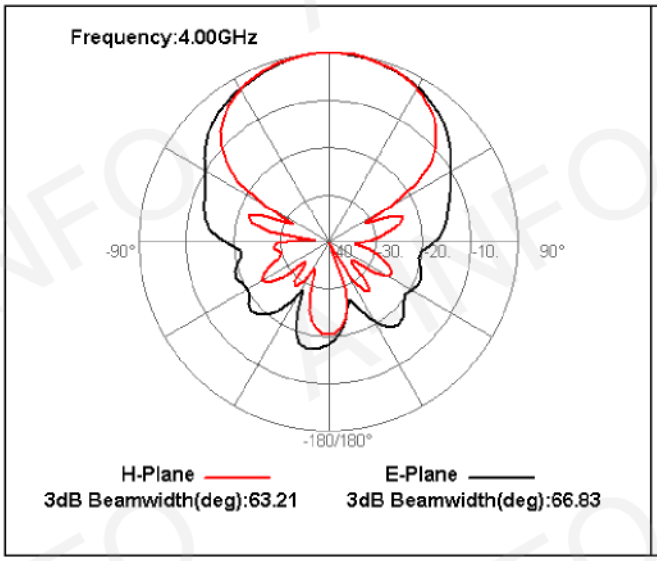
H-Plane
3dB Beamwidth(deg):63.74

E-Plane
3dB Beamwidth(deg):79.32



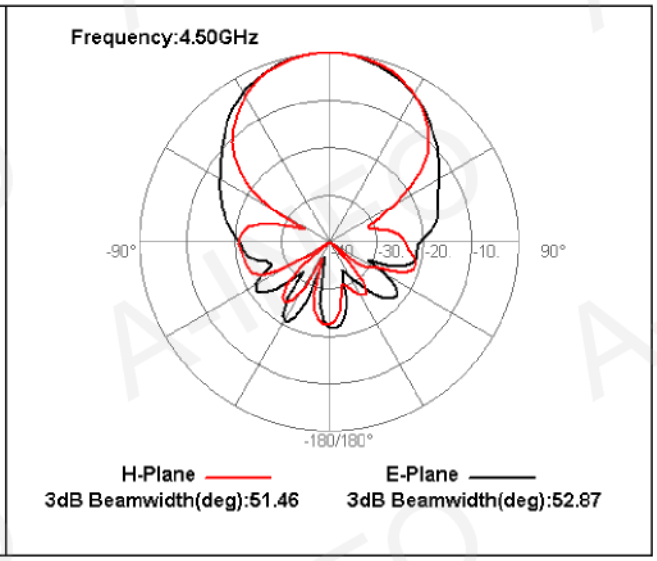
H-Plane
3dB Beamwidth(deg):62.48

E-Plane
3dB Beamwidth(deg):62.08



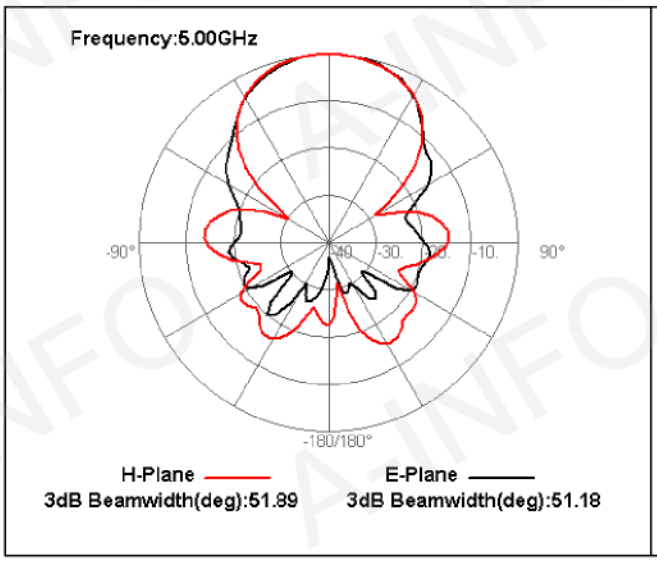
H-Plane
3dB Beamwidth(deg):63.21

E-Plane
3dB Beamwidth(deg):66.83



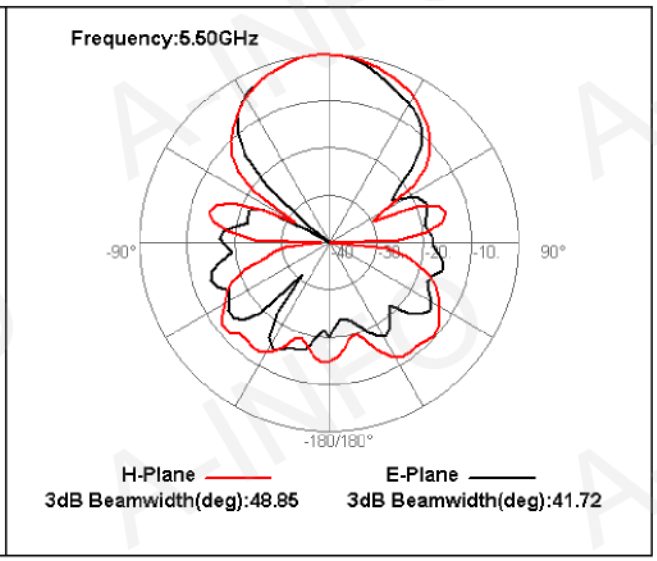
H-Plane
3dB Beamwidth(deg):51.46

E-Plane
3dB Beamwidth(deg):52.87



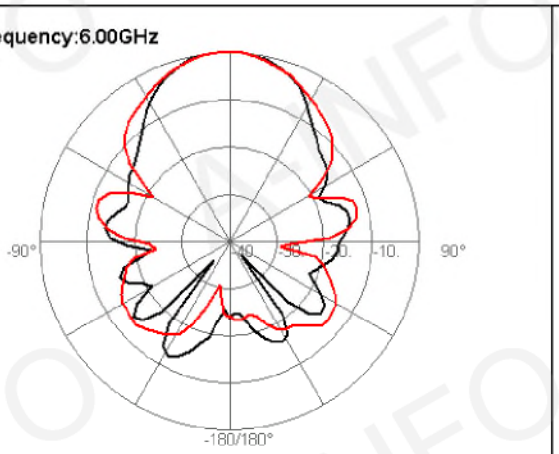
H-Plane
3dB Beamwidth(deg):51.89

E-Plane
3dB Beamwidth(deg):51.18

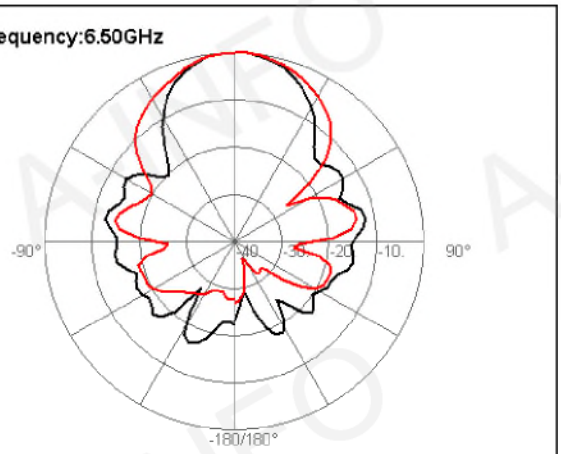


H-Plane
3dB Beamwidth(deg):48.85

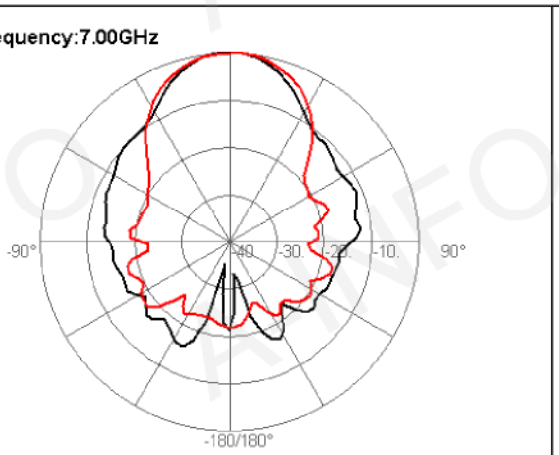
E-Plane
3dB Beamwidth(deg):41.72



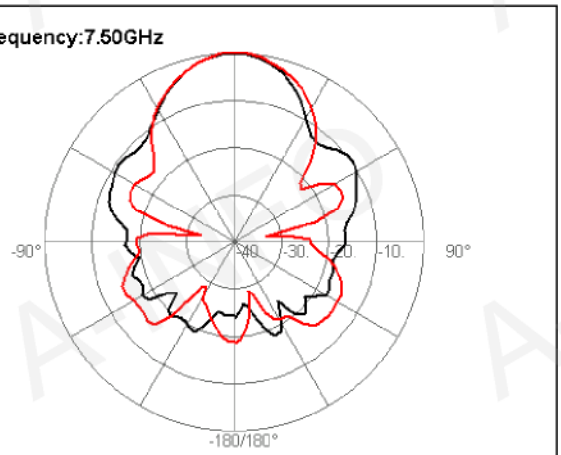
H-Plane 3dB Beamwidth(deg):44.18
E-Plane 3dB Beamwidth(deg):42.81



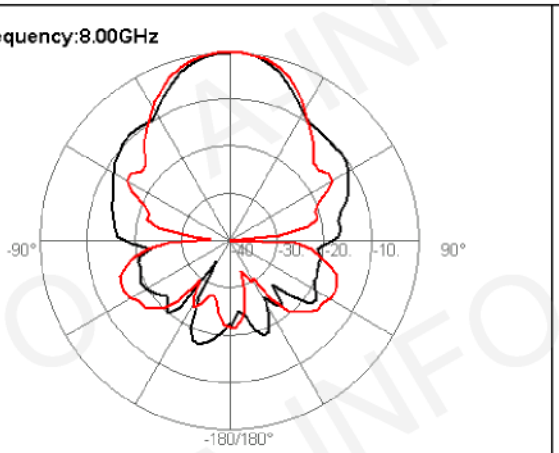
H-Plane 3dB Beamwidth(deg):44.19
E-Plane 3dB Beamwidth(deg):37.44



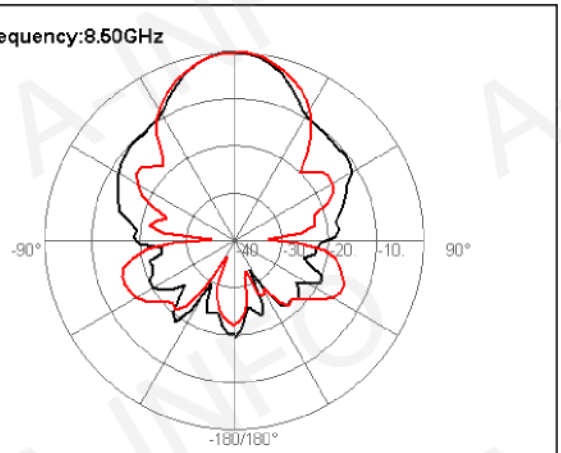
H-Plane 3dB Beamwidth(deg):40.76
E-Plane 3dB Beamwidth(deg):34.62



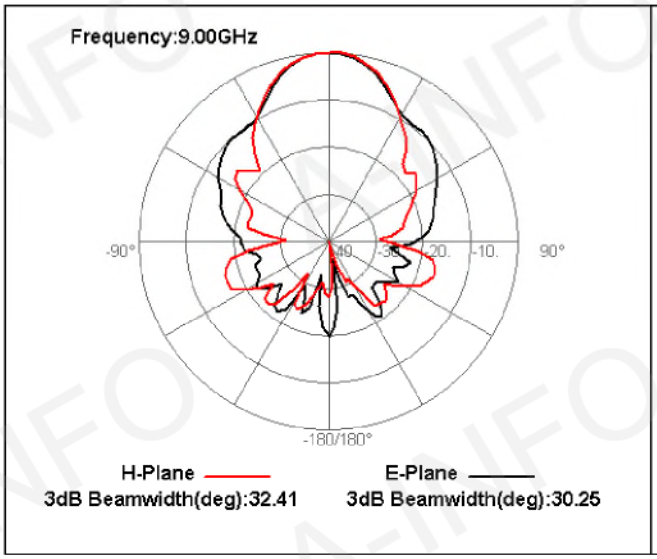
H-Plane 3dB Beamwidth(deg):36.56
E-Plane 3dB Beamwidth(deg):33.39



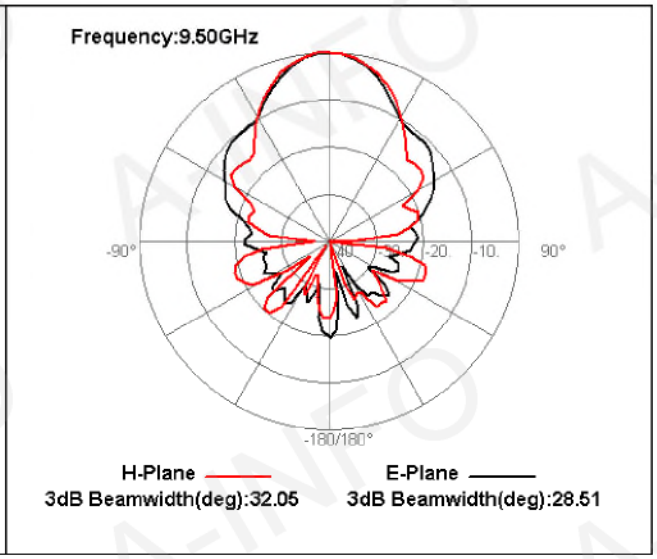
H-Plane 3dB Beamwidth(deg):38.86
E-Plane 3dB Beamwidth(deg):33.30



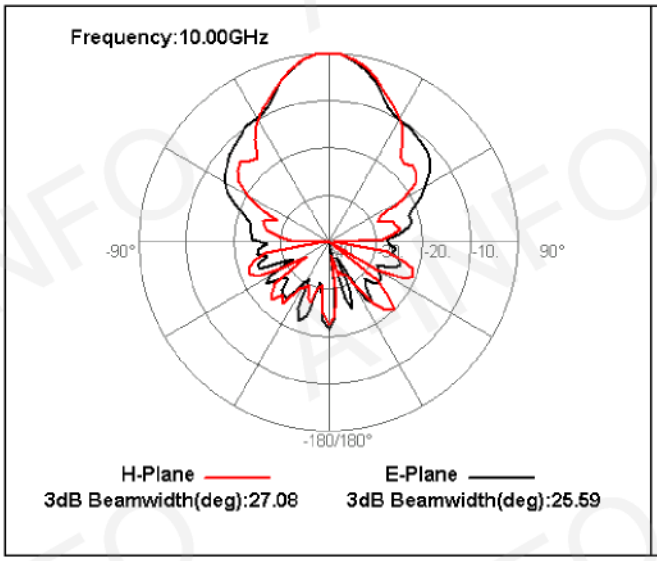
H-Plane 3dB Beamwidth(deg):34.89
E-Plane 3dB Beamwidth(deg):31.40



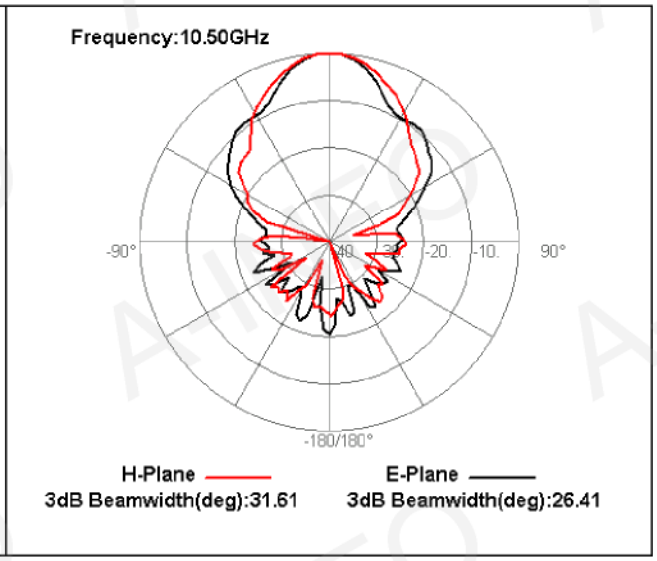
3dB Beamwidth(deg):32.41 3dB Beamwidth(deg):30.25



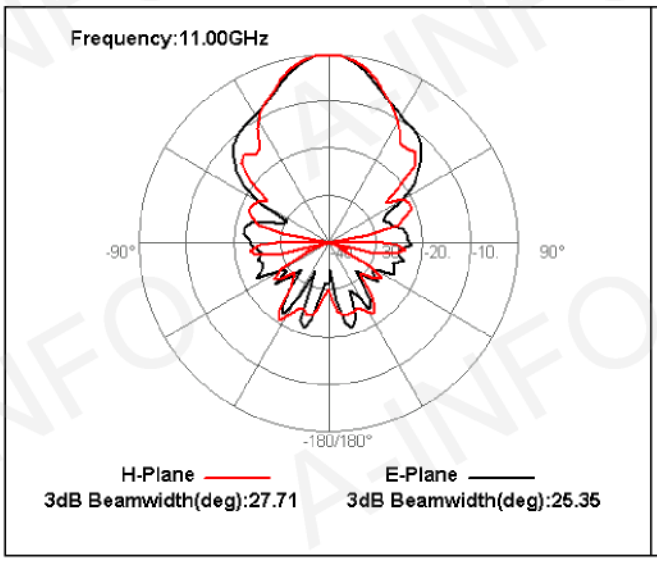
3dB Beamwidth(deg):32.05 3dB Beamwidth(deg):28.51



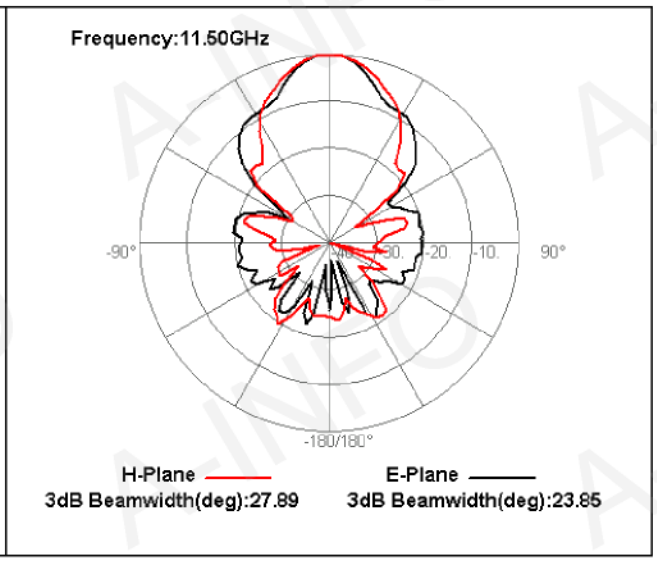
3dB Beamwidth(deg):27.08 3dB Beamwidth(deg):25.59



3dB Beamwidth(deg):31.61 3dB Beamwidth(deg):26.41



3dB Beamwidth(deg):27.71 3dB Beamwidth(deg):25.35



3dB Beamwidth(deg):27.89 3dB Beamwidth(deg):23.85

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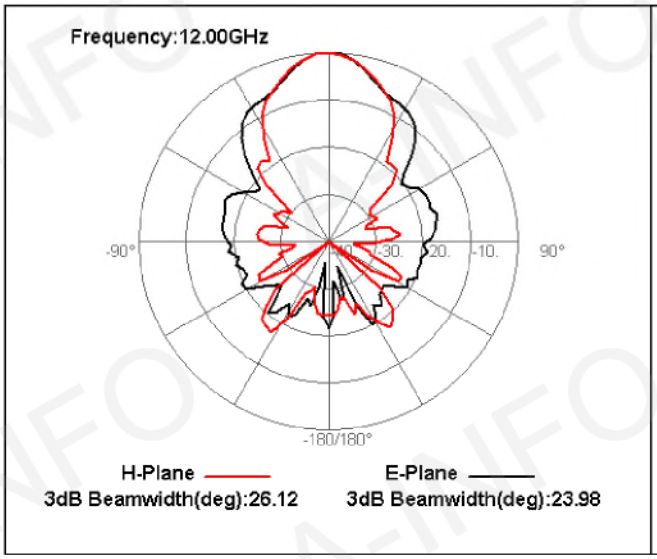
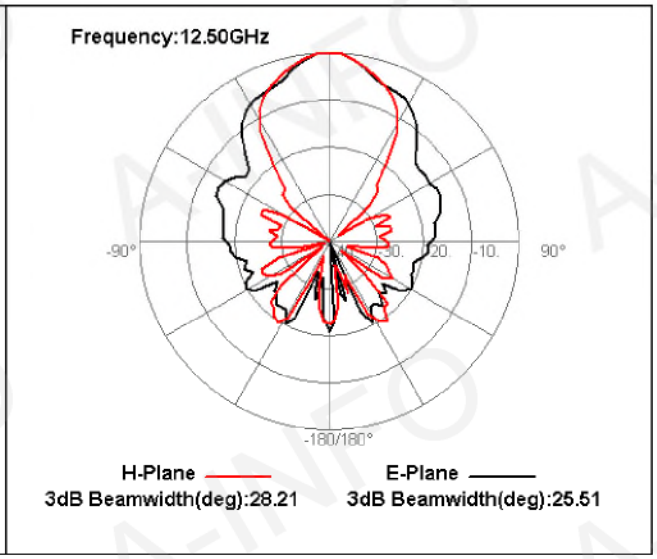
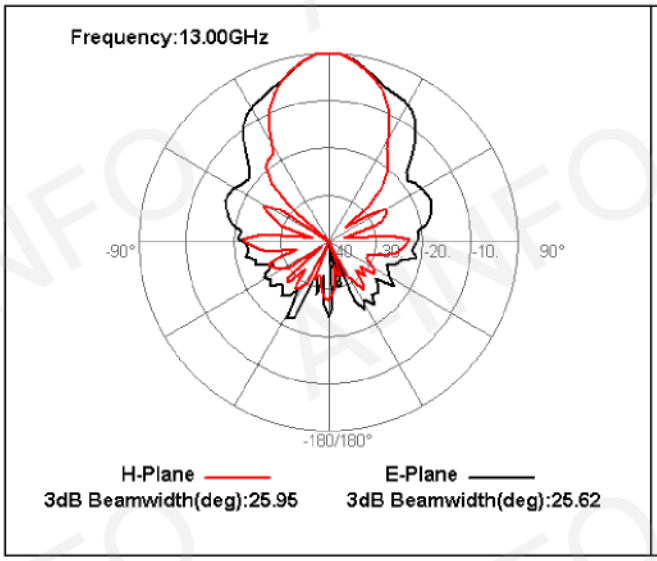
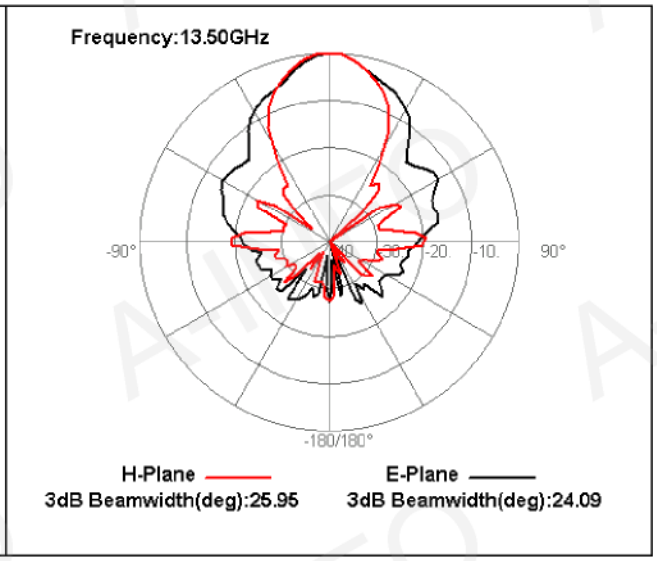
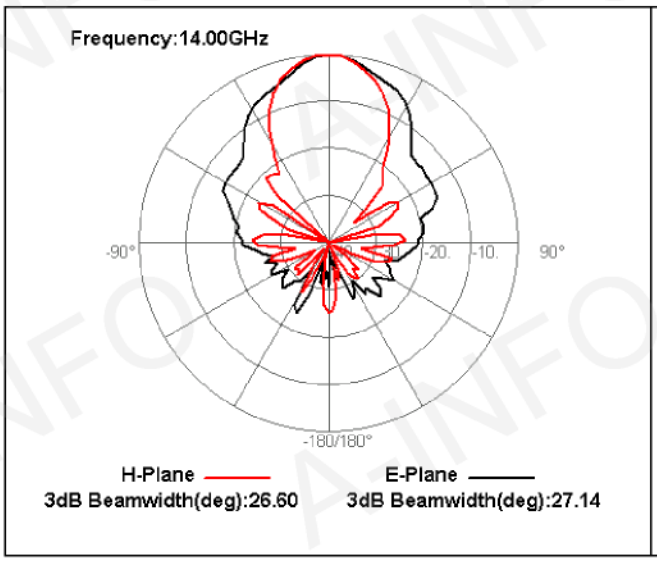
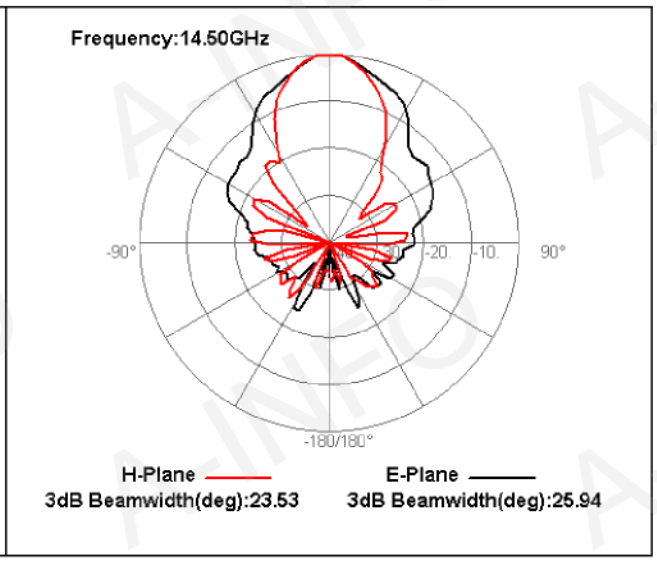

Frequency:12.00GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):26.12
E-Plane
3dB Beamwidth(deg):23.98

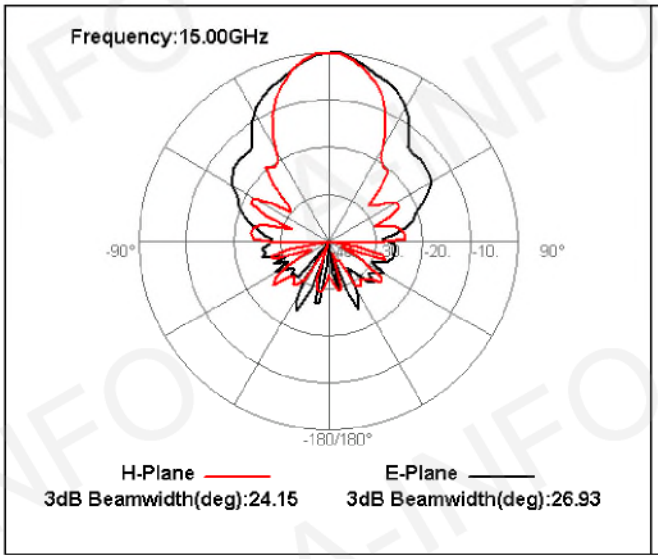

Frequency:12.50GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):28.21
E-Plane
3dB Beamwidth(deg):25.51

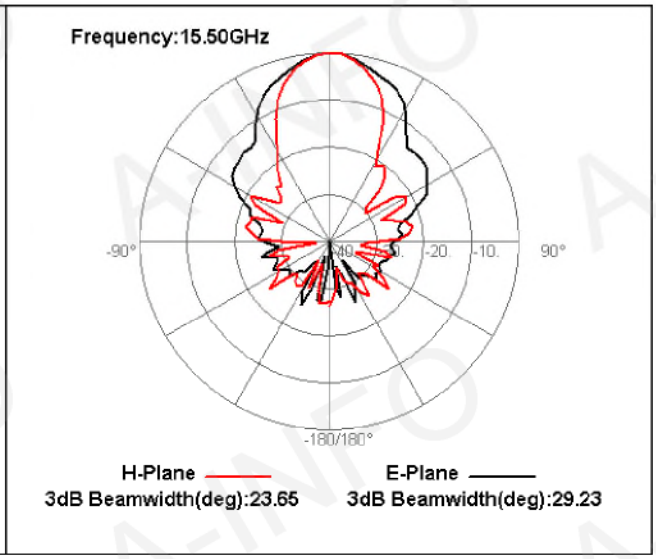

Frequency:13.00GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):25.95
E-Plane
3dB Beamwidth(deg):25.62

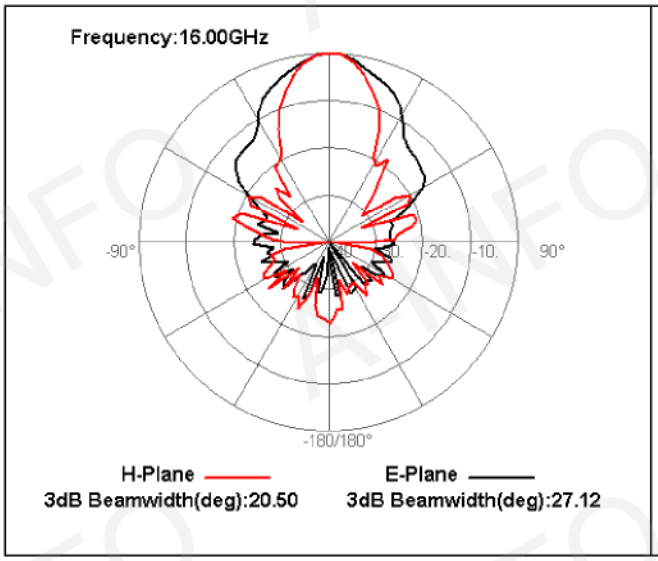

Frequency:13.50GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):25.95
E-Plane
3dB Beamwidth(deg):24.09

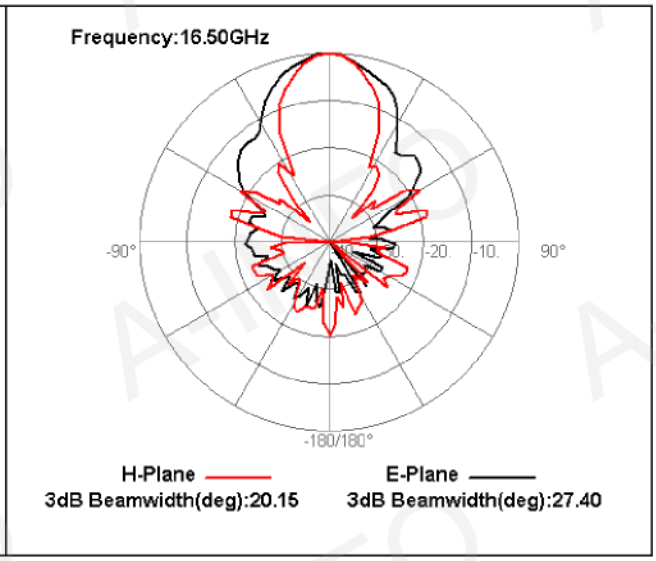

Frequency:14.00GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):26.60
E-Plane
3dB Beamwidth(deg):27.14

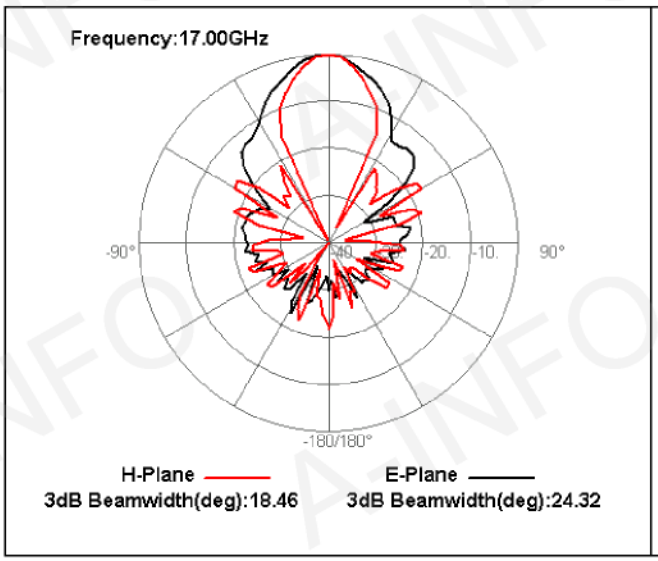

Frequency:14.50GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):23.53
E-Plane
3dB Beamwidth(deg):25.94

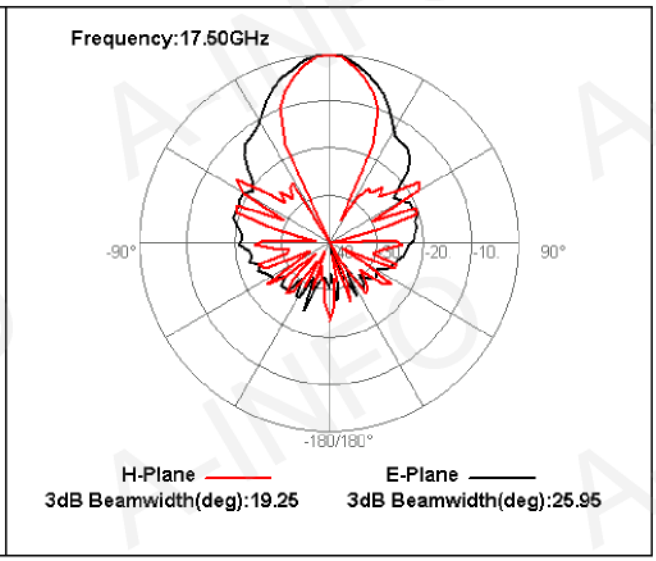

Frequency:15.00GHz
-90°
90°
-180/180°
-20.
-10.
H-Plane
E-Plane
3dB Beamwidth(deg):24.15
3dB Beamwidth(deg):26.93

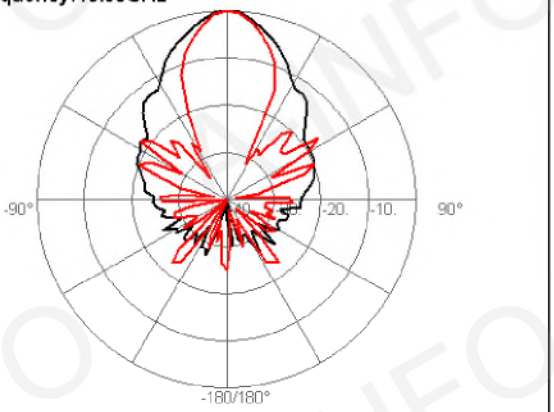

Frequency:15.50GHz
-90°
90°
-180/180°
-20.
-10.
H-Plane
E-Plane
3dB Beamwidth(deg):23.65
3dB Beamwidth(deg):29.23


Frequency:16.00GHz
-90°
90°
-180/180°
-20.
-10.
H-Plane
E-Plane
3dB Beamwidth(deg):20.50
3dB Beamwidth(deg):27.12


Frequency:16.50GHz
-90°
90°
-180/180°
-20.
-10.
H-Plane
E-Plane
3dB Beamwidth(deg):20.15
3dB Beamwidth(deg):27.40

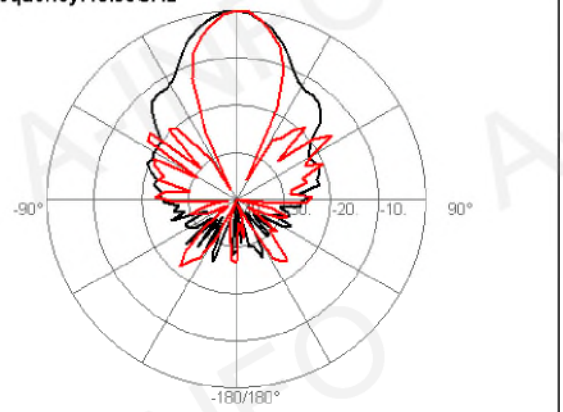

Frequency:17.00GHz
-90°
90°
-180/180°
-20.
-10.
H-Plane
E-Plane
3dB Beamwidth(deg):18.46
3dB Beamwidth(deg):24.32


Frequency:17.50GHz
-90°
90°
-180/180°
-20.
-10.
H-Plane
E-Plane
3dB Beamwidth(deg):19.25
3dB Beamwidth(deg):25.95



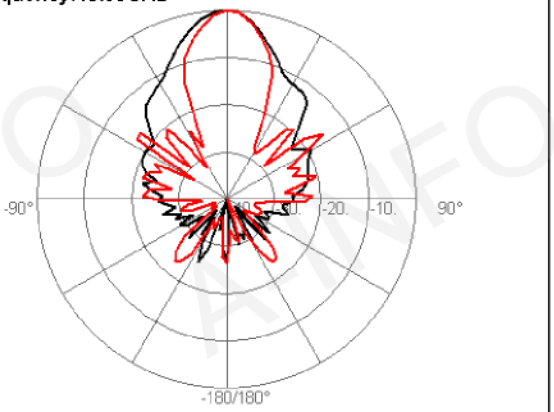
H-Plane
3dB Beamwidth(deg):17.72

E-Plane
3dB Beamwidth(deg):22.30



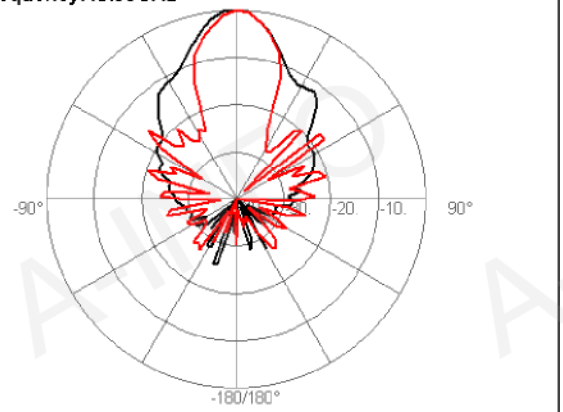
H-Plane
3dB Beamwidth(deg):18.76

E-Plane
3dB Beamwidth(deg):24.15



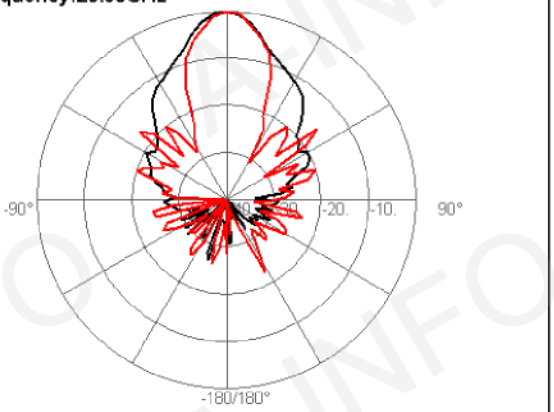
H-Plane
3dB Beamwidth(deg):16.92

E-Plane
3dB Beamwidth(deg):20.58



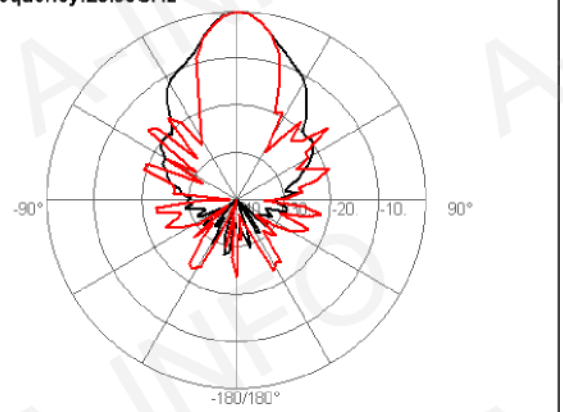
H-Plane
3dB Beamwidth(deg):16.93

E-Plane
3dB Beamwidth(deg):19.86



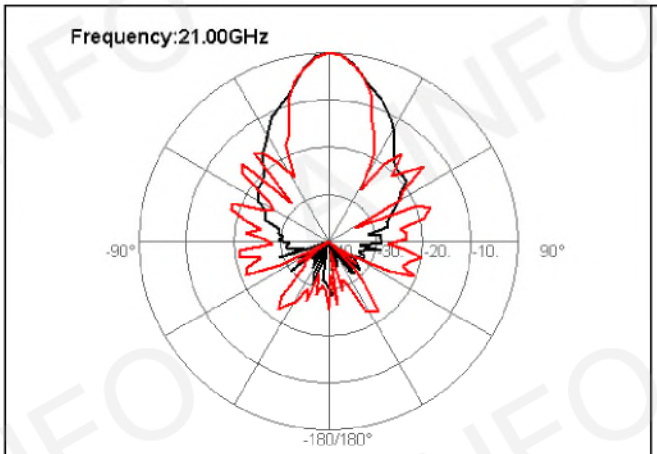
H-Plane
3dB Beamwidth(deg):15.95

E-Plane
3dB Beamwidth(deg):18.51



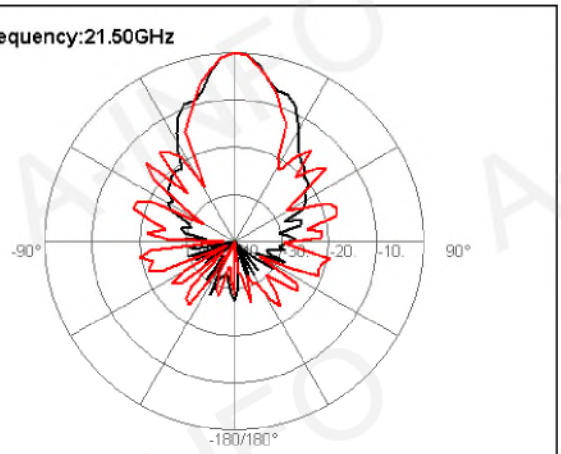
H-Plane
3dB Beamwidth(deg):17.68

E-Plane
3dB Beamwidth(deg):18.44



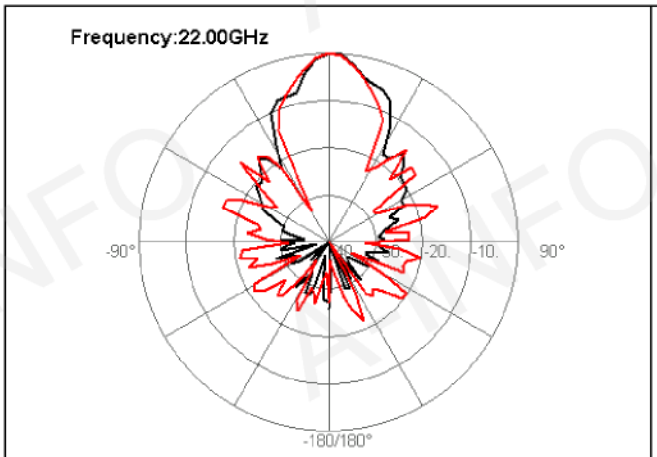
H-Plane
3dB Beamwidth(deg):17.06

E-Plane
3dB Beamwidth(deg):17.45



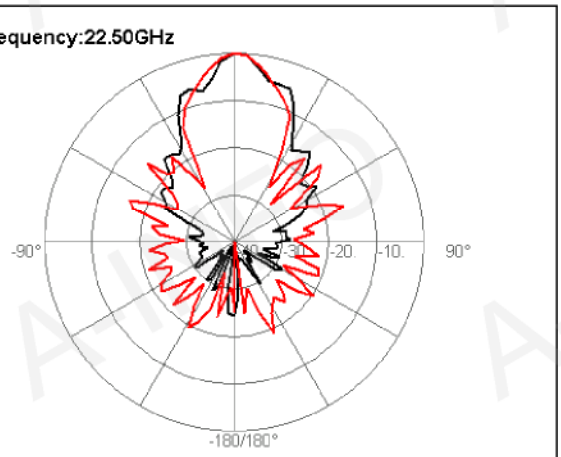
H-Plane
3dB Beamwidth(deg):15.86

E-Plane
3dB Beamwidth(deg):15.81



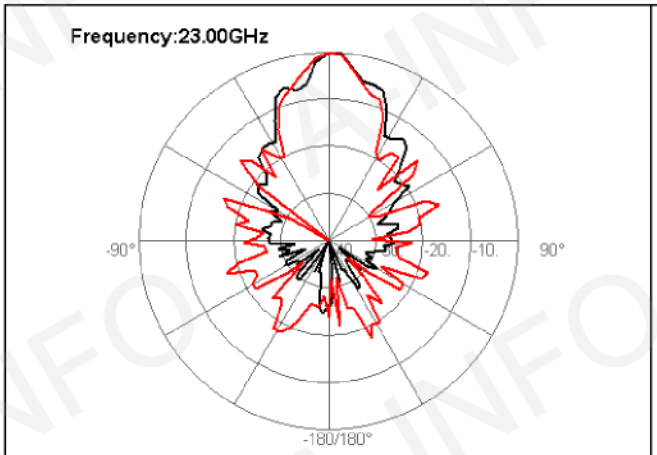
H-Plane
3dB Beamwidth(deg):16.75

E-Plane
3dB Beamwidth(deg):16.17



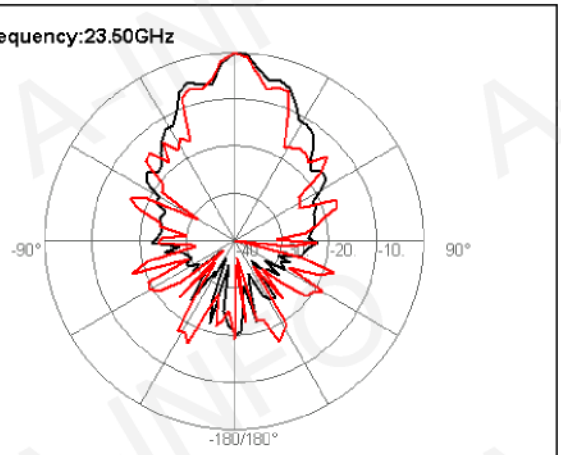
H-Plane
3dB Beamwidth(deg):17.32

E-Plane
3dB Beamwidth(deg):13.98



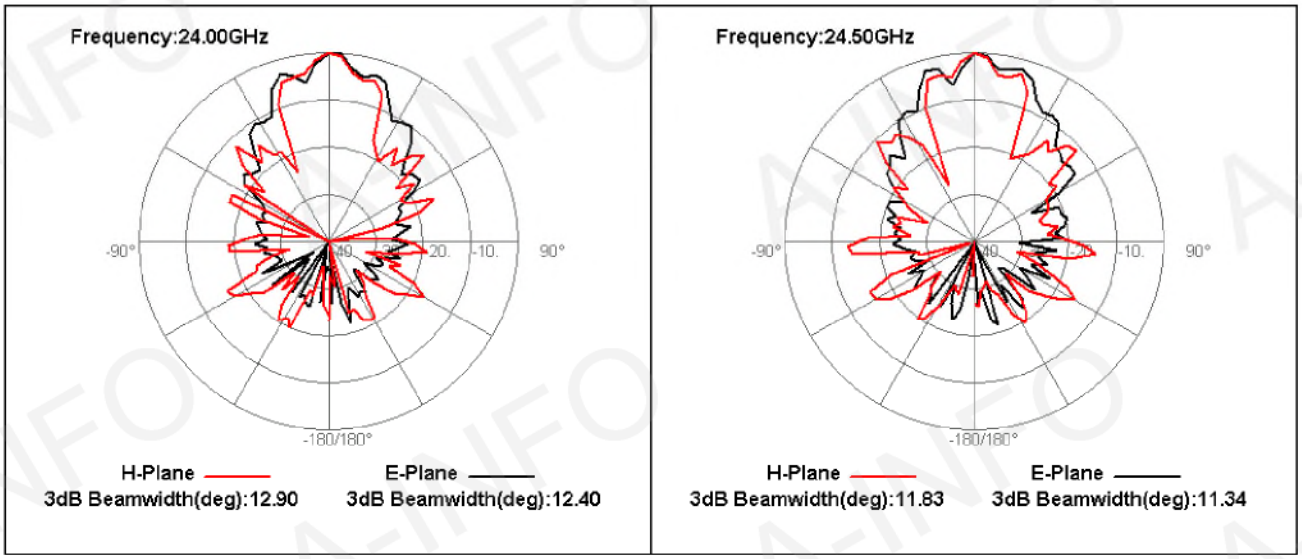
H-Plane
3dB Beamwidth(deg):14.88

E-Plane
3dB Beamwidth(deg):12.88



H-Plane
3dB Beamwidth(deg):11.66

E-Plane
3dB Beamwidth(deg):12.39


Frequency:24.00GHz
-90°
-40.
-30.
-20.
-10.
90°
-180/180°
H-Plane
E-Plane
3dB Beamwidth(deg):12.90
3dB Beamwidth(deg):12.40
Frequency:24.50GHz
-90°
-40.
-20.
-10.
90°
-180/180°
H-Plane
E-Plane
3dB Beamwidth(deg):11.83
3dB Beamwidth(deg):11.34