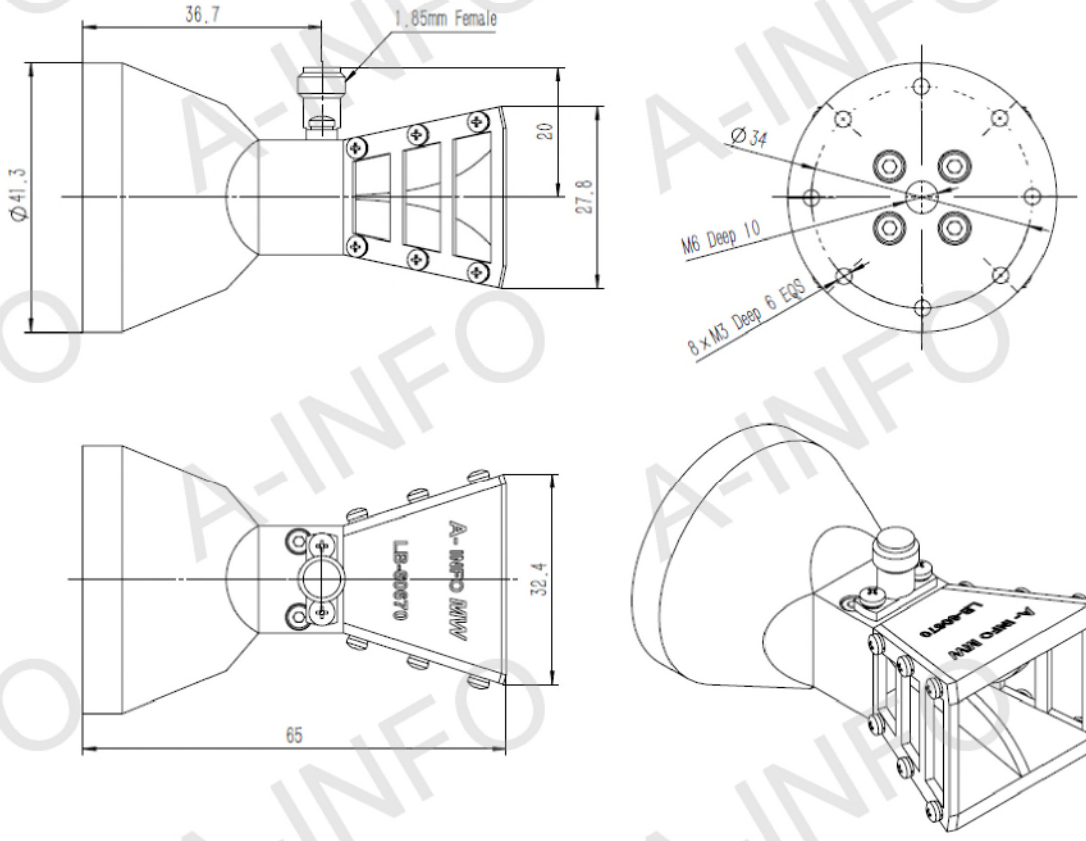
Technical Specification

Frequency Range(GHz)	6.0 - 67.0	
Gain(dBi)	13 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	E Plane:	105 - 10
	H Plane:	86 - 9
Cross Pol. Isolation(dB)	30 Typ.	
VSWR	1.5:1 Typ.	
	2.5:1 Max.	
Connector	1.85mm-Female	
Power Handling(W)	5 Max. CW	
Material	Al	
Size(mm)	65 x 32.4 x 27.8	
Net Weight(Kg)	0.1 Around	

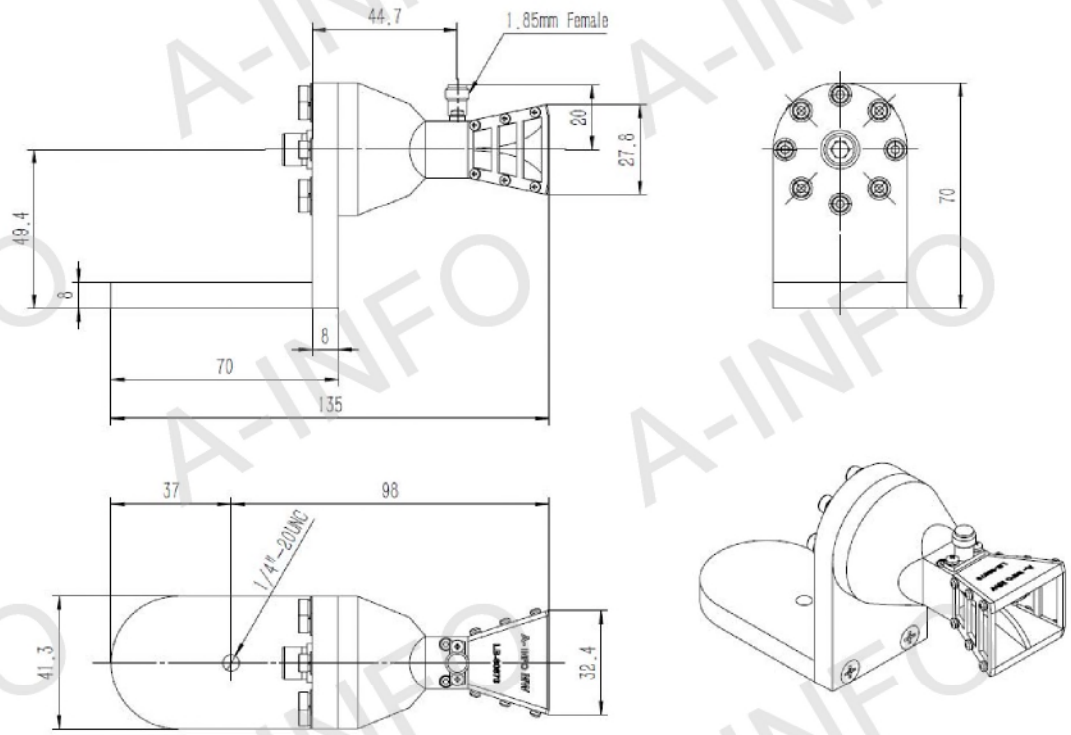
Outline Drawing (Size: mm)

1.85mm-Female Output

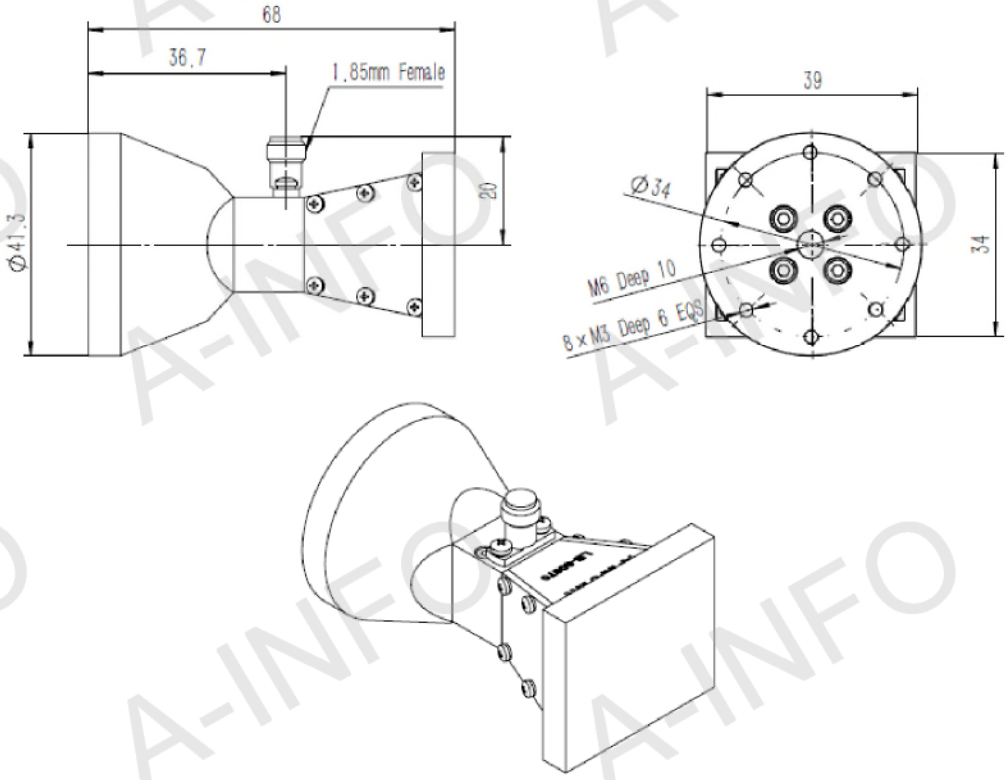


A-INFO

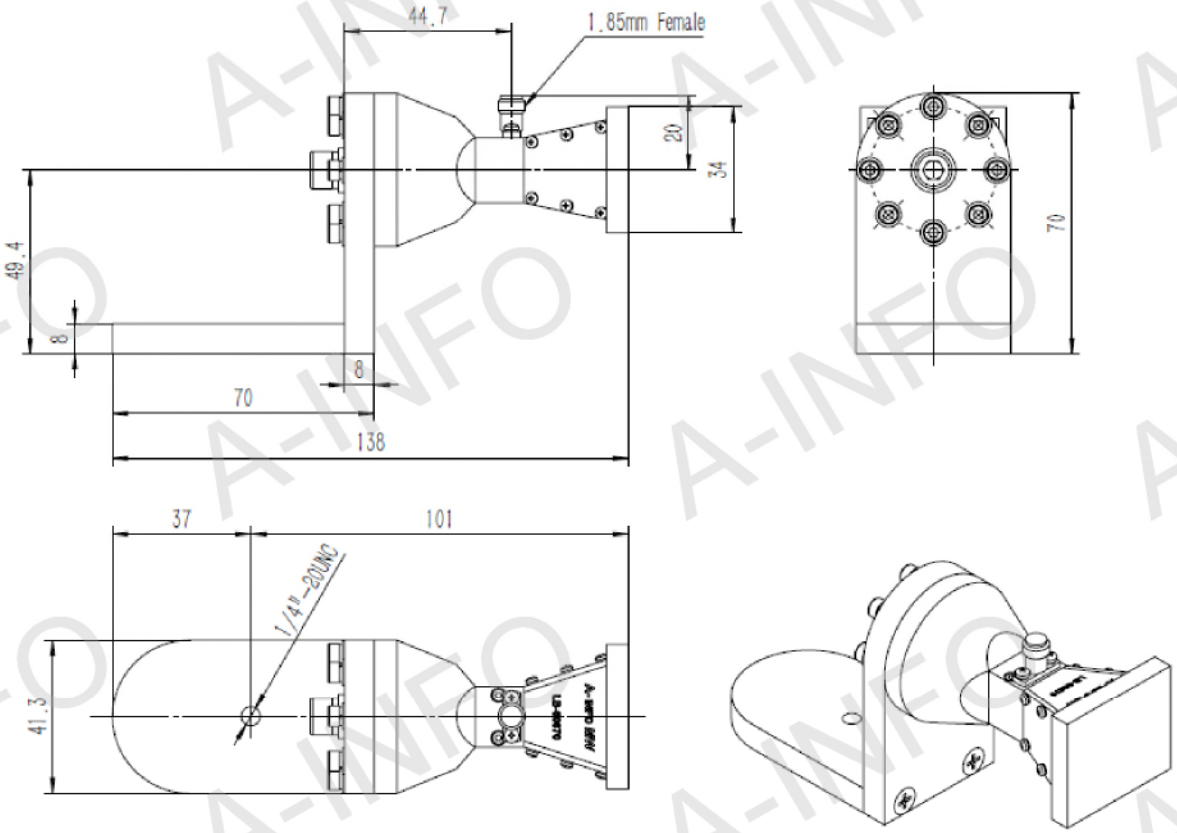
1.85mm-Female Output with L type Mounting Bracket



1.85mm Female Output with Radome

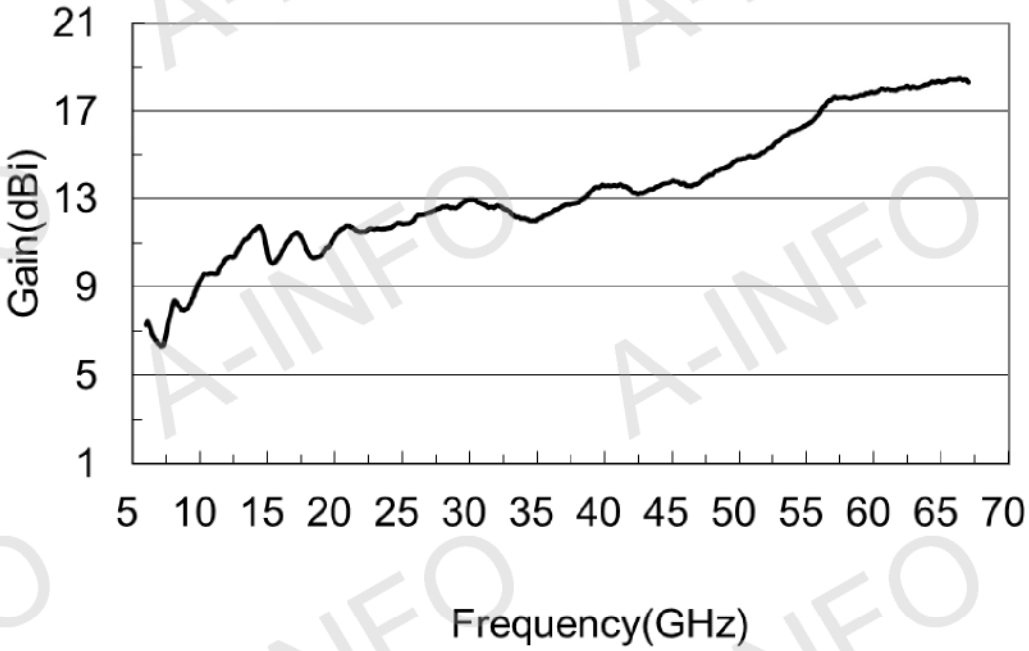


1.85mm Female Output with L type Mounting Bracket and Radome

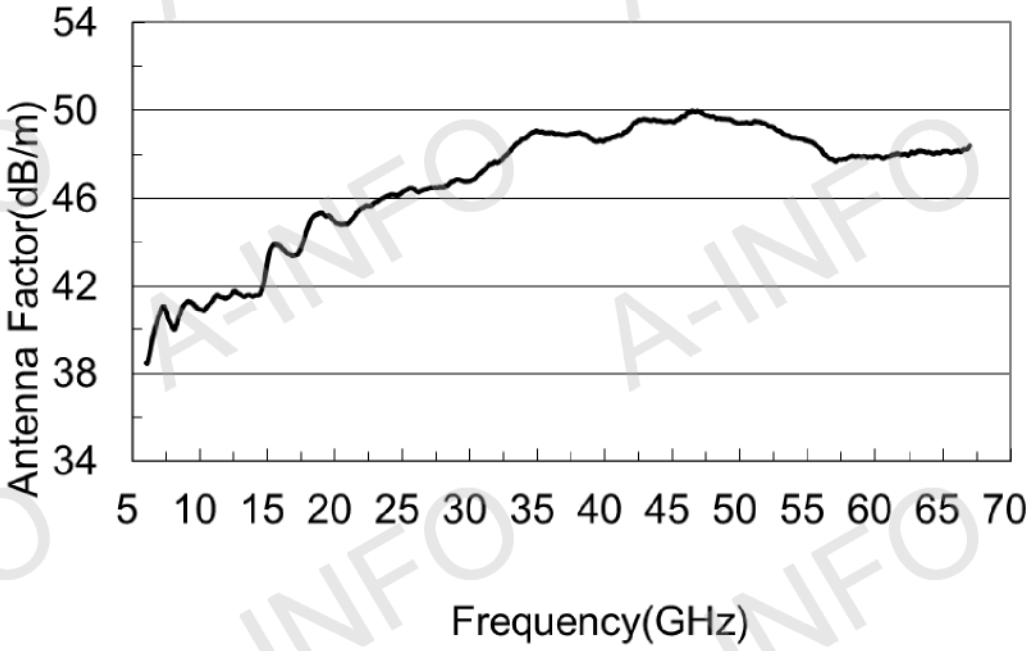


Test Results

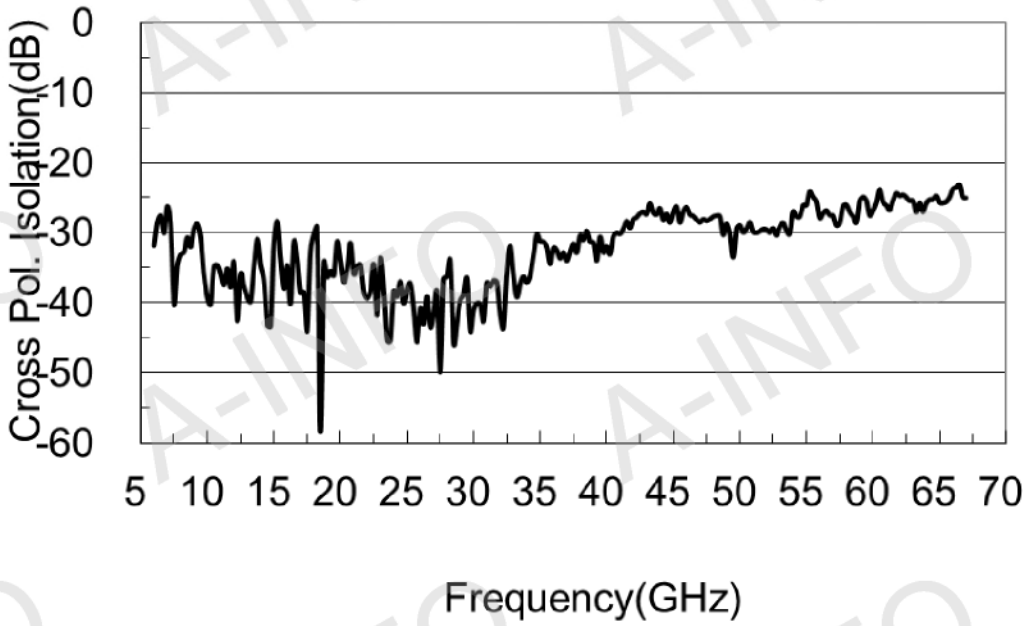
1. Gain



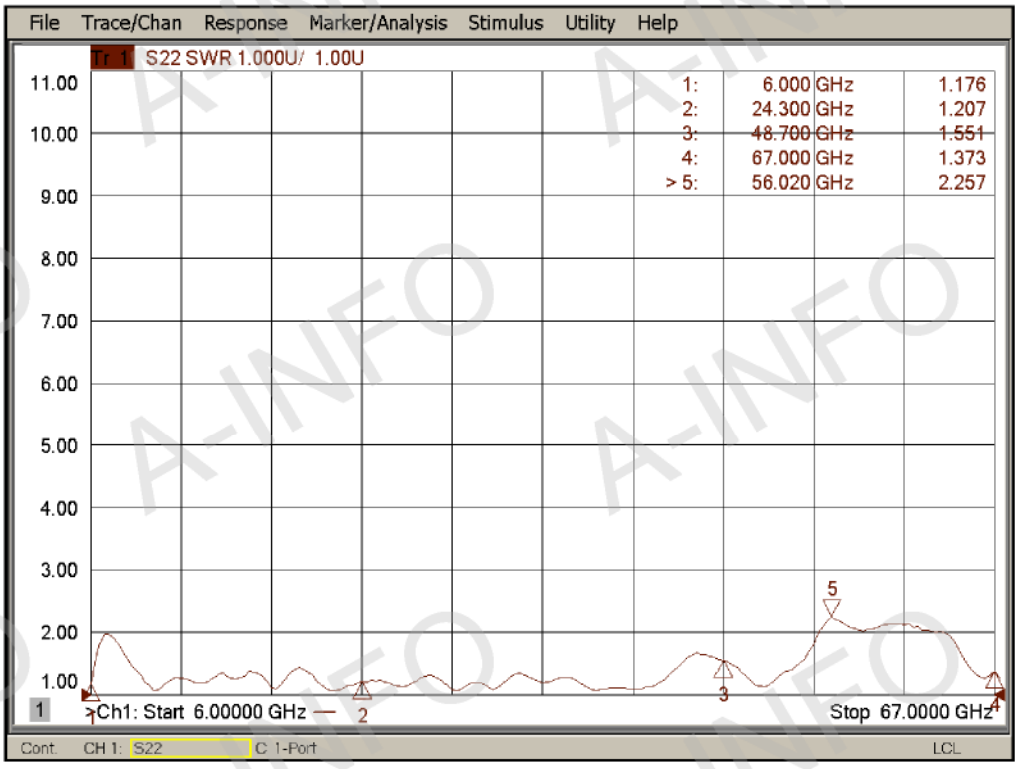
2. Antenna Factor



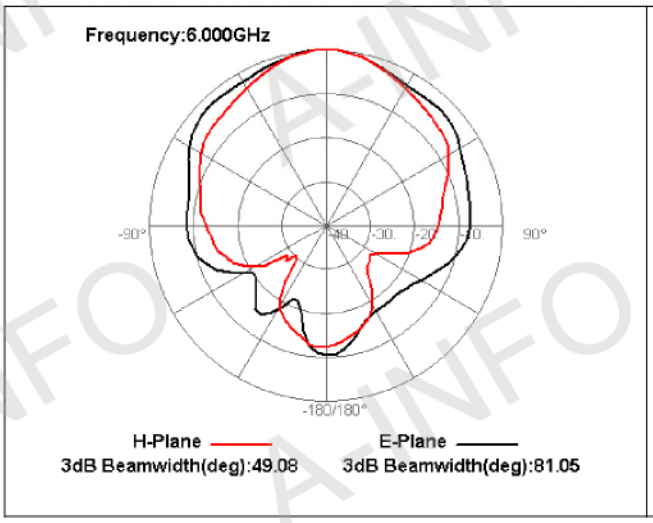
3. Cross Polarization Isolation



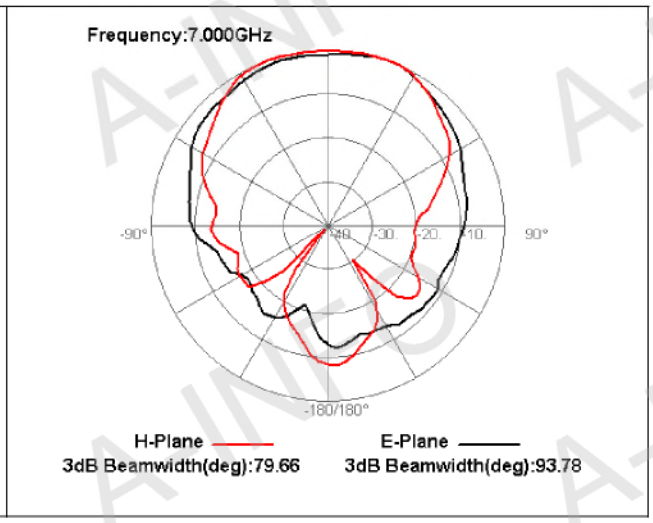
4. VSWR



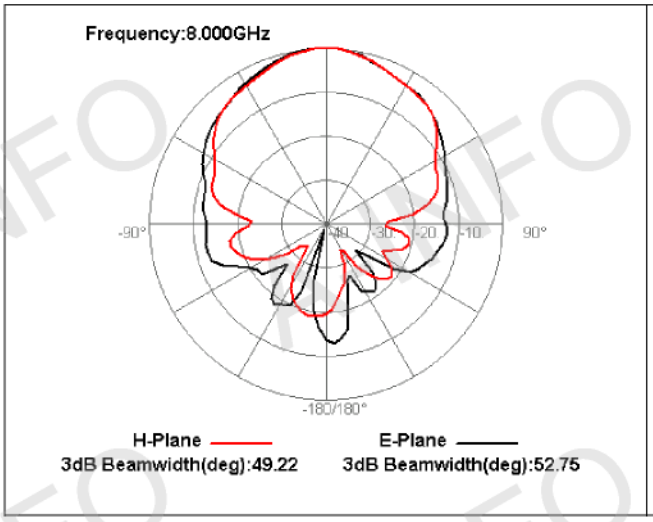
5. Pattern



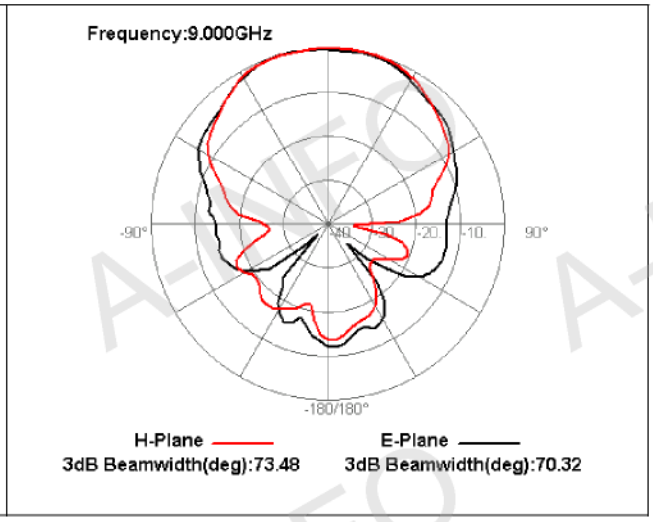
3dB Beamwidth(deg):49.08 3dB Beamwidth(deg):81.05



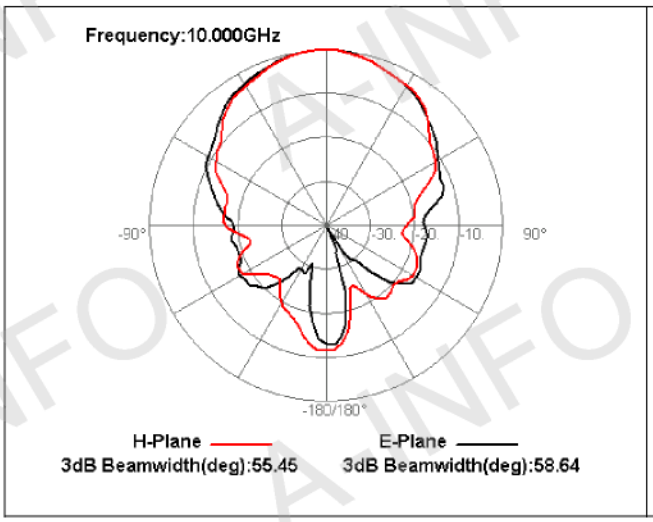
3dB Beamwidth(deg):79.66 3dB Beamwidth(deg):93.78



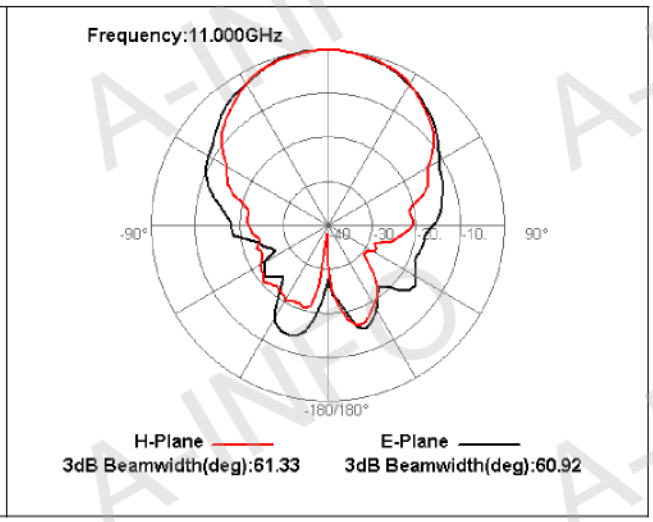
3dB Beamwidth(deg):49.22 3dB Beamwidth(deg):52.75



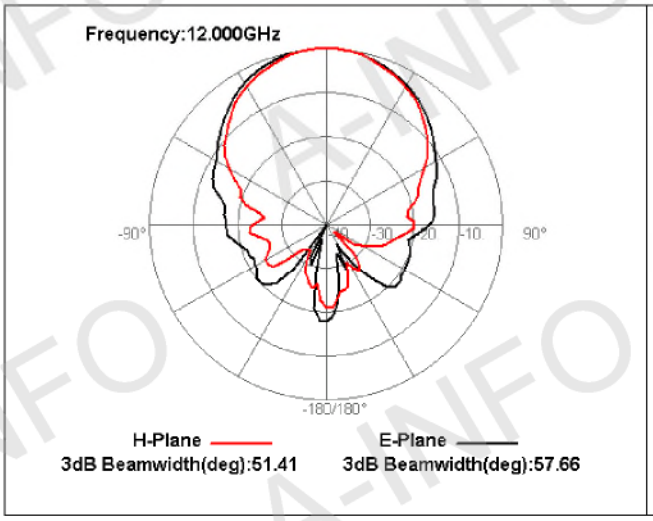
3dB Beamwidth(deg):73.48 3dB Beamwidth(deg):70.32

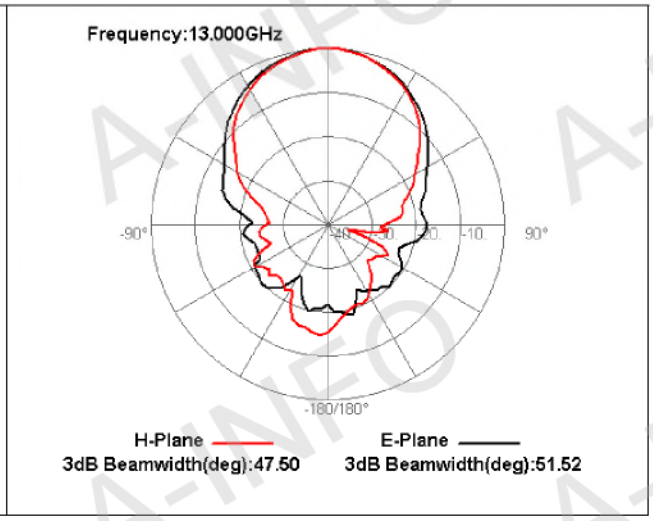


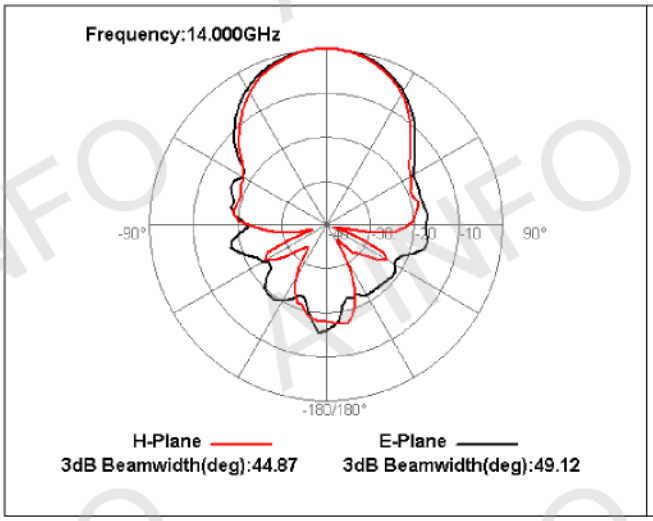
3dB Beamwidth(deg):55.45 3dB Beamwidth(deg):58.64

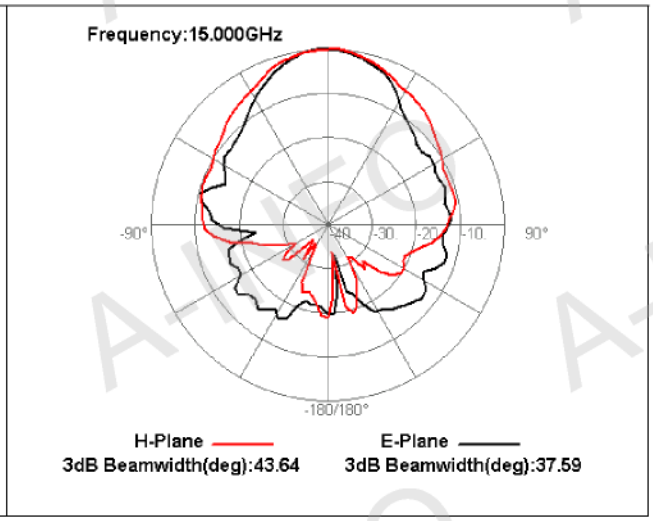


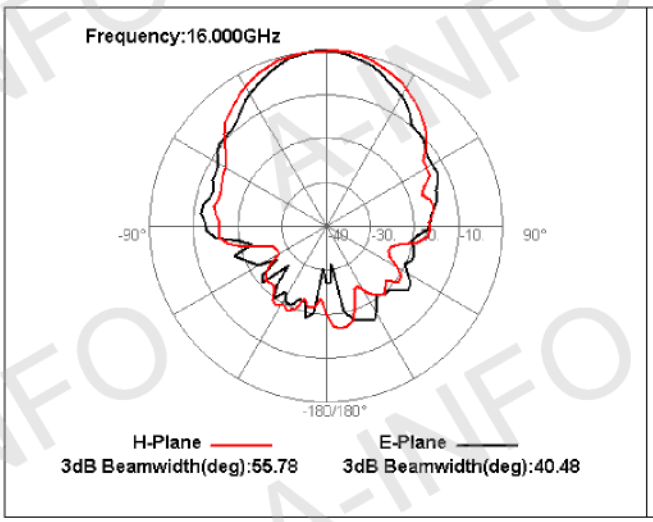
3dB Beamwidth(deg):61.33 3dB Beamwidth(deg):60.92

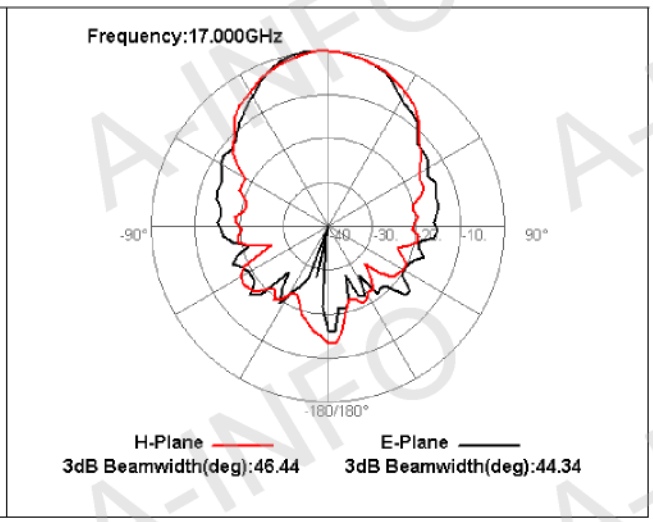

Frequency:12.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):51.41
E-Plane
3dB Beamwidth(deg):57.66

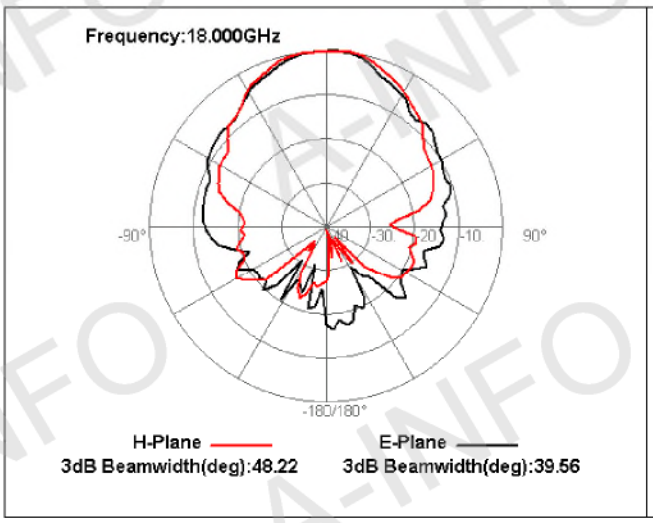

Frequency:13.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):47.50
E-Plane
3dB Beamwidth(deg):51.52


Frequency:14.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):44.87
E-Plane
3dB Beamwidth(deg):49.12

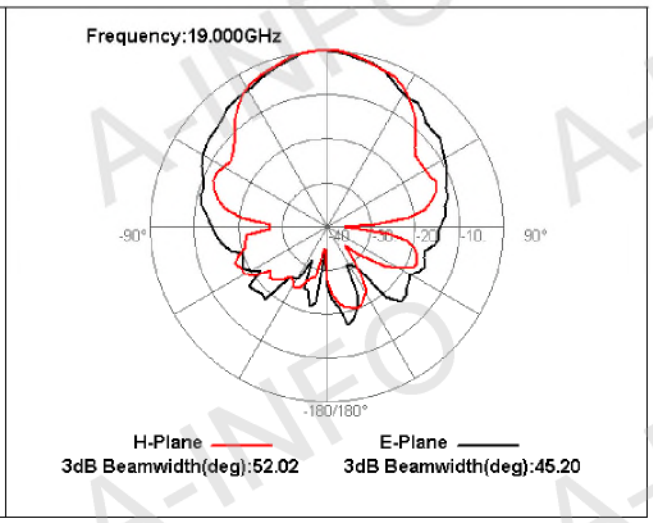

Frequency:15.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):43.64
E-Plane
3dB Beamwidth(deg):37.59


Frequency:16.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):55.78
E-Plane
3dB Beamwidth(deg):40.48

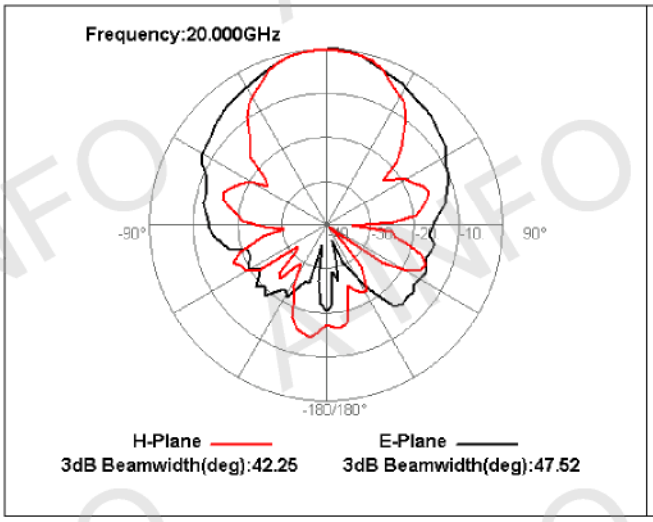

Frequency:17.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):46.44
E-Plane
3dB Beamwidth(deg):44.34



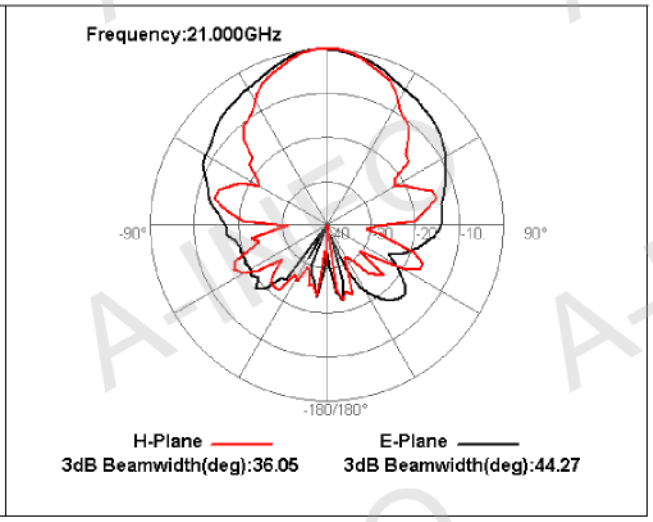
3dB Beamwidth(deg):48.22 3dB Beamwidth(deg):39.56



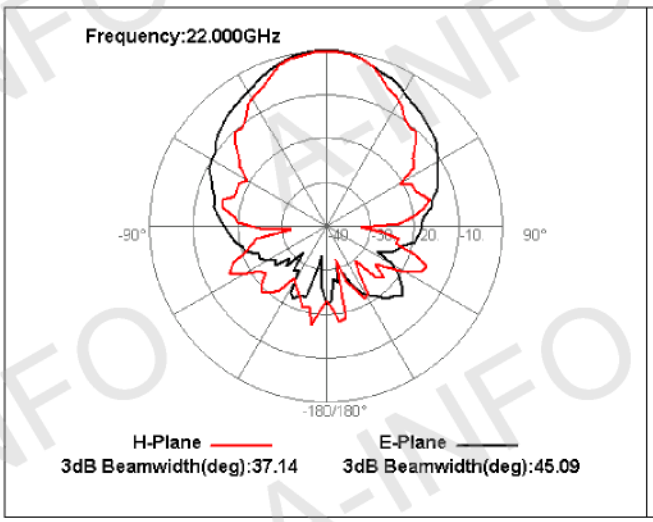
3dB Beamwidth(deg):52.02 3dB Beamwidth(deg):45.20



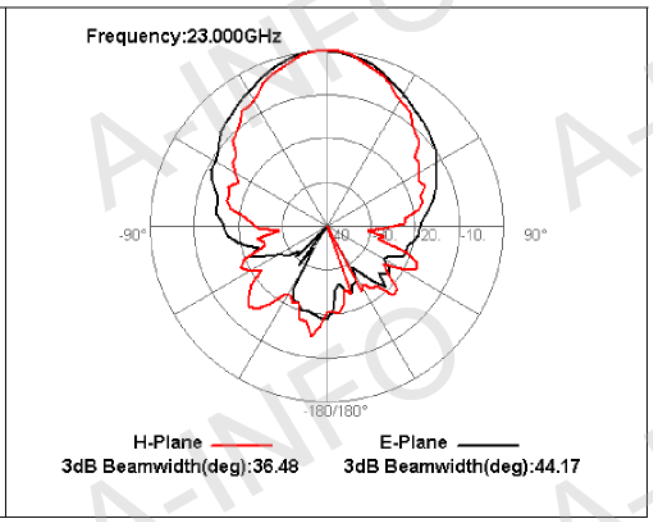
3dB Beamwidth(deg):42.25 3dB Beamwidth(deg):47.52



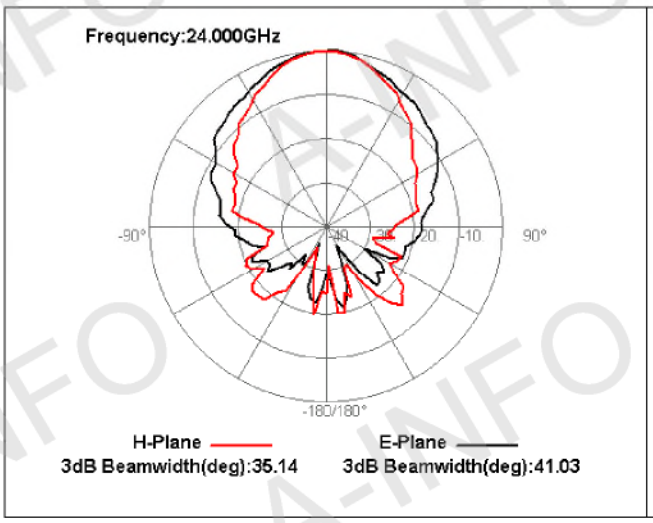
3dB Beamwidth(deg):36.05 3dB Beamwidth(deg):44.27

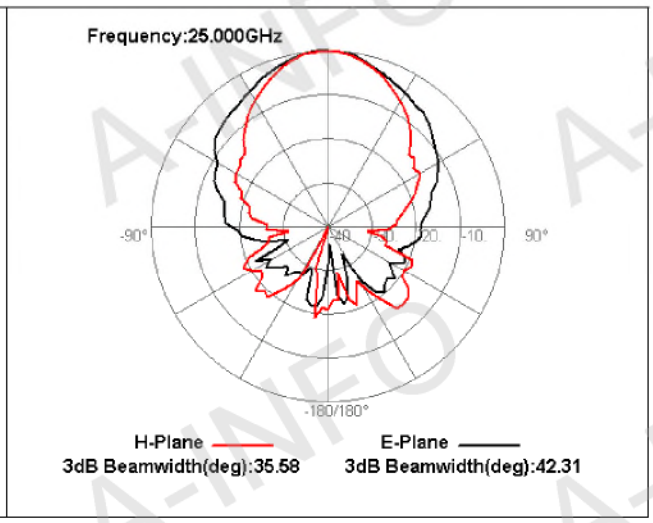


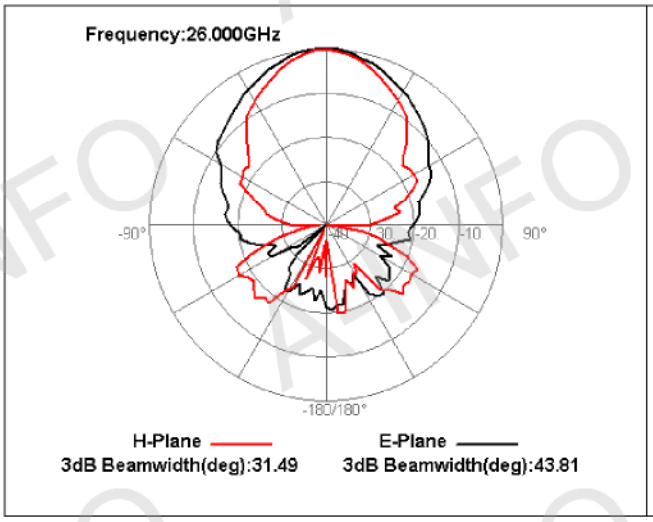
3dB Beamwidth(deg):37.14 3dB Beamwidth(deg):45.09

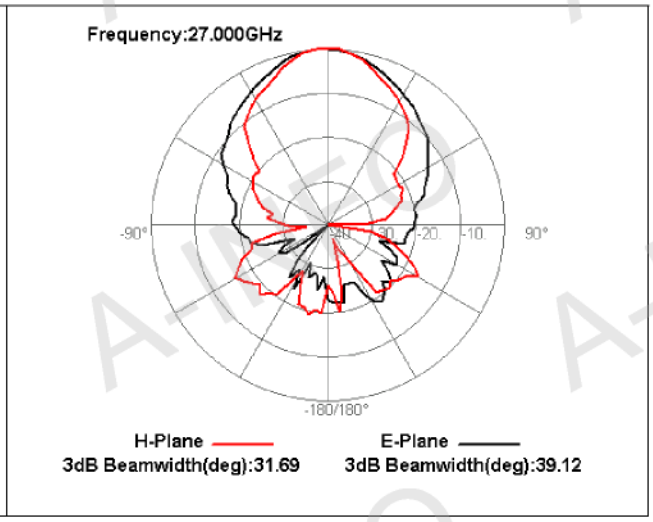


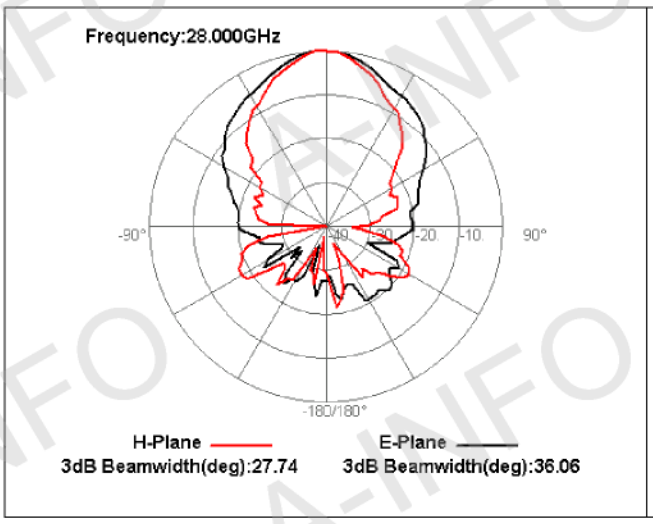
3dB Beamwidth(deg):36.48 3dB Beamwidth(deg):44.17

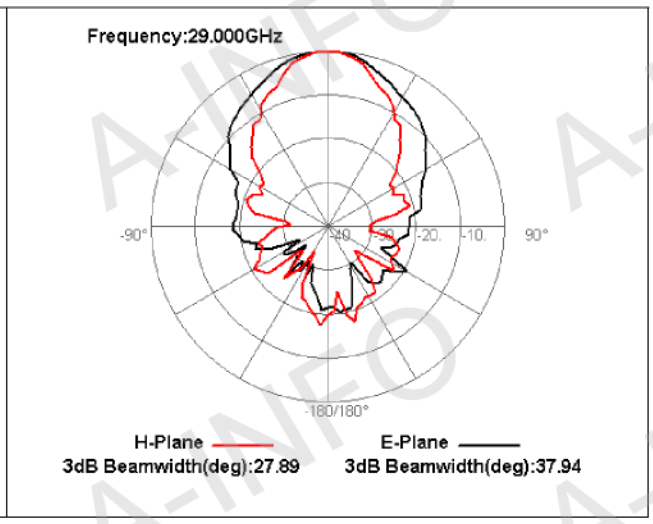

Frequency:24.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):35.14
E-Plane
3dB Beamwidth(deg):41.03

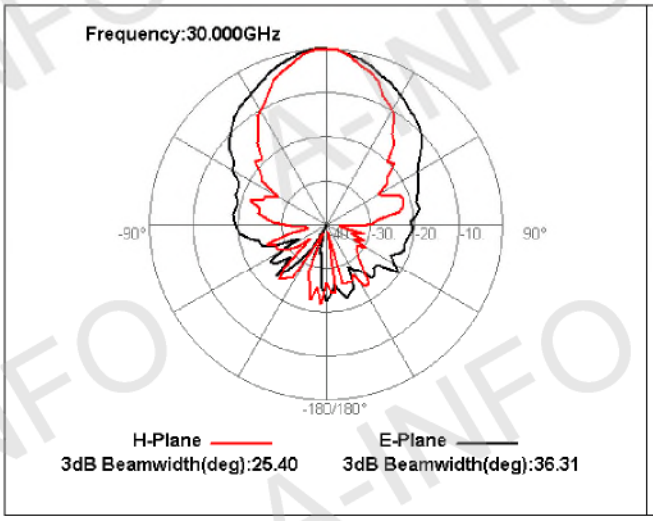

Frequency:25.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):35.58
E-Plane
3dB Beamwidth(deg):42.31


Frequency:26.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):31.49
E-Plane
3dB Beamwidth(deg):43.81

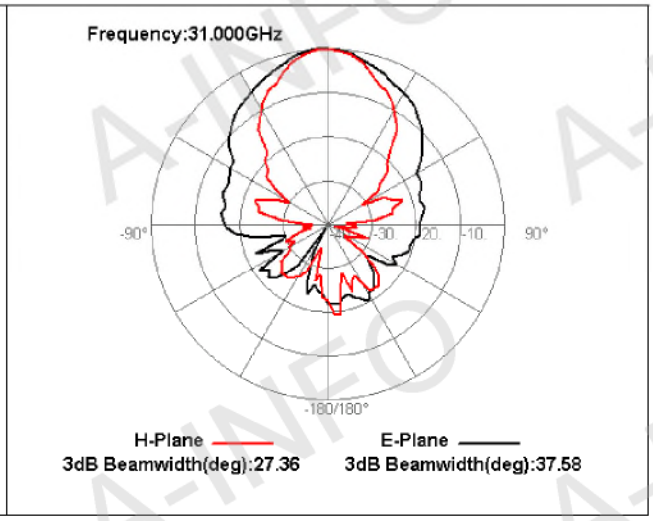

Frequency:27.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):31.69
E-Plane
3dB Beamwidth(deg):39.12


Frequency:28.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):27.74
E-Plane
3dB Beamwidth(deg):36.06

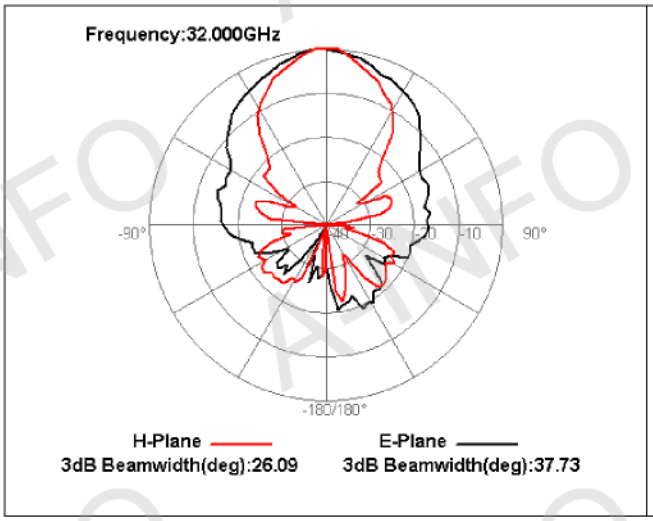

Frequency:29.000GHz
-90°
90°
-180/180°
H-Plane
3dB Beamwidth(deg):27.89
E-Plane
3dB Beamwidth(deg):37.94



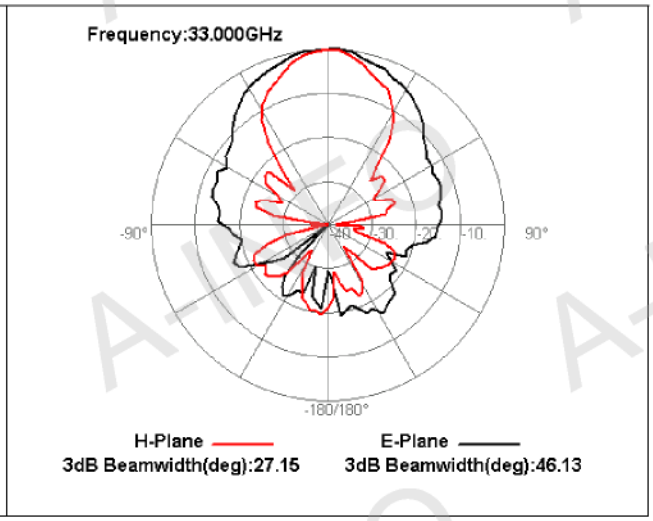
3dB Beamwidth(deg):25.40 3dB Beamwidth(deg):36.31



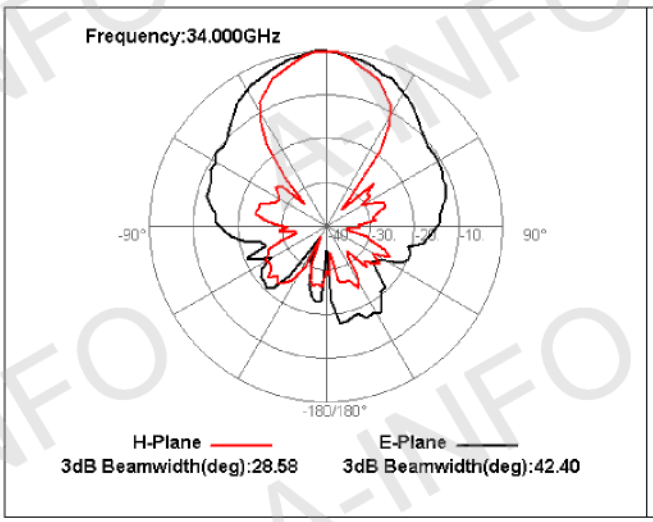
3dB Beamwidth(deg):27.36 3dB Beamwidth(deg):37.58



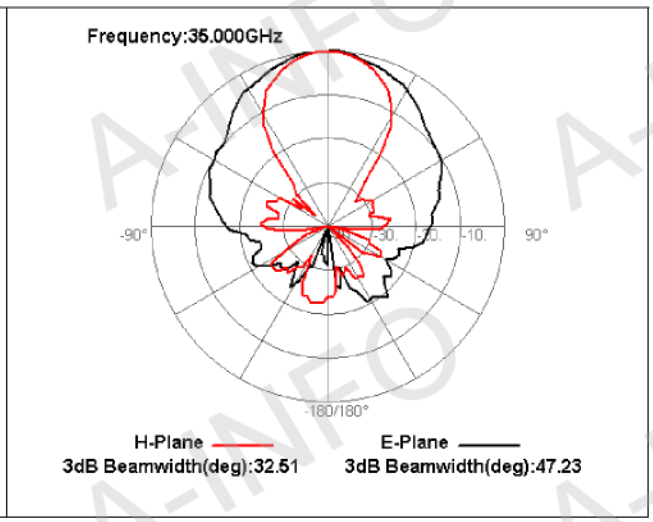
3dB Beamwidth(deg):26.09 3dB Beamwidth(deg):37.73



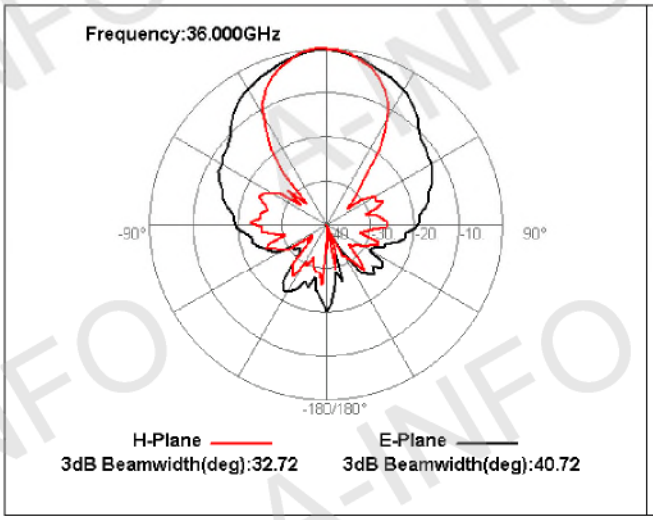
3dB Beamwidth(deg):27.15 3dB Beamwidth(deg):46.13



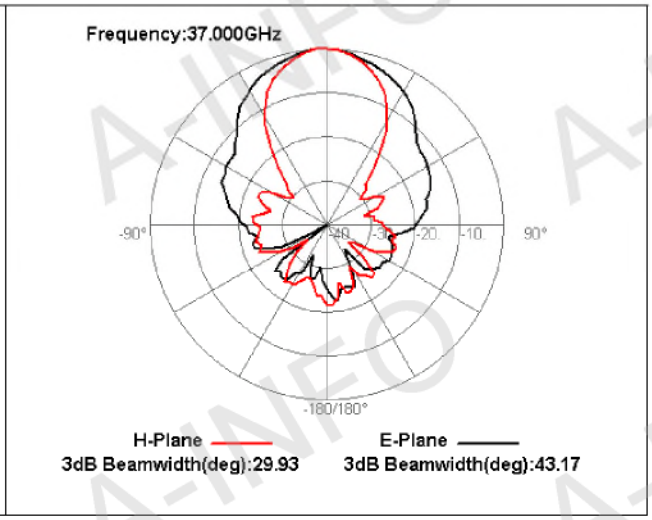
3dB Beamwidth(deg):28.58 3dB Beamwidth(deg):42.40



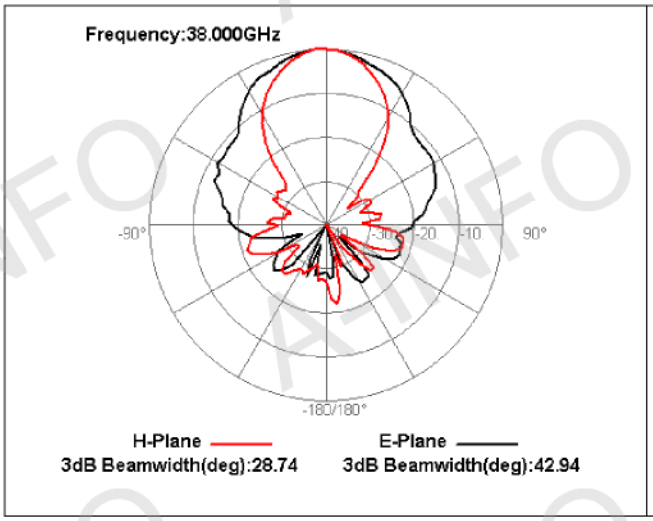
3dB Beamwidth(deg):32.51 3dB Beamwidth(deg):47.23



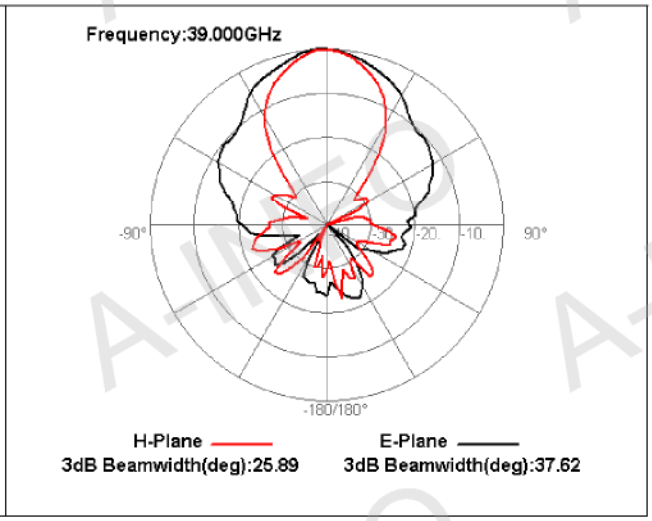
3dB Beamwidth(deg):32.72 3dB Beamwidth(deg):40.72



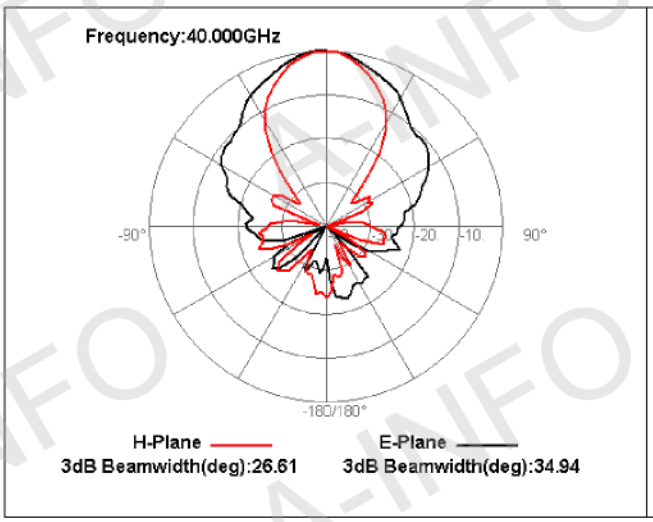
3dB Beamwidth(deg):29.93 3dB Beamwidth(deg):43.17



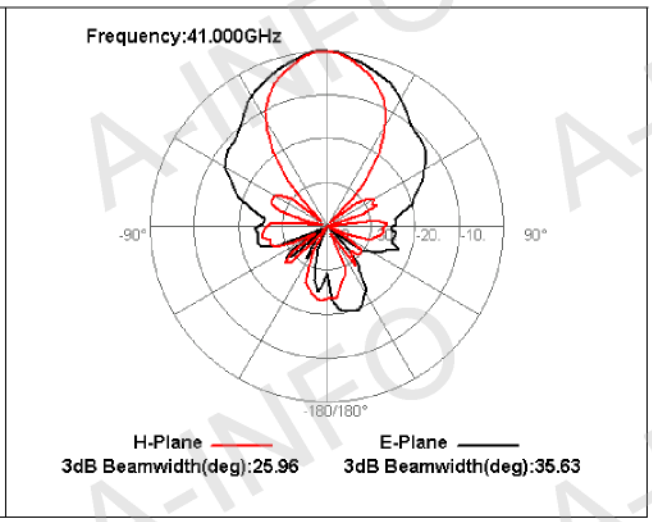
3dB Beamwidth(deg):28.74 3dB Beamwidth(deg):42.94



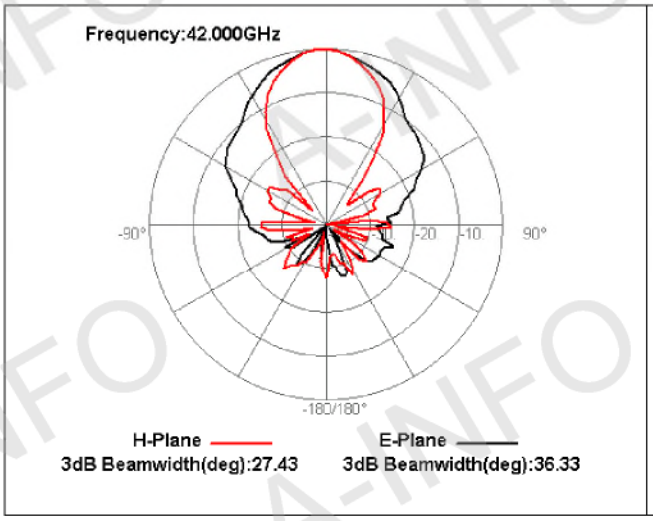
3dB Beamwidth(deg):25.89 3dB Beamwidth(deg):37.62



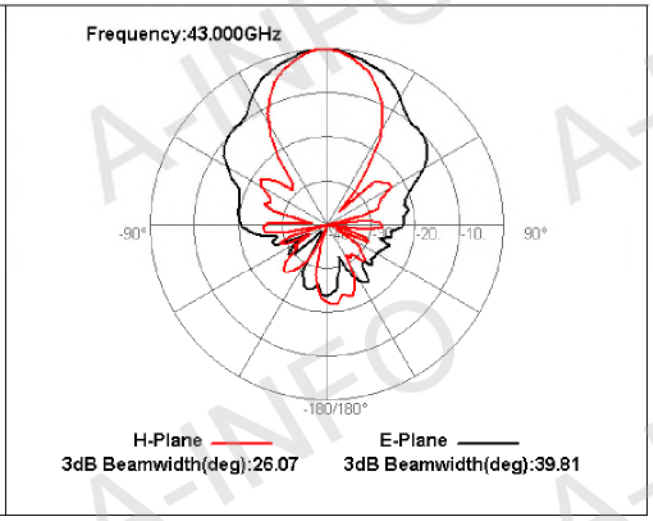
3dB Beamwidth(deg):26.61 3dB Beamwidth(deg):34.94



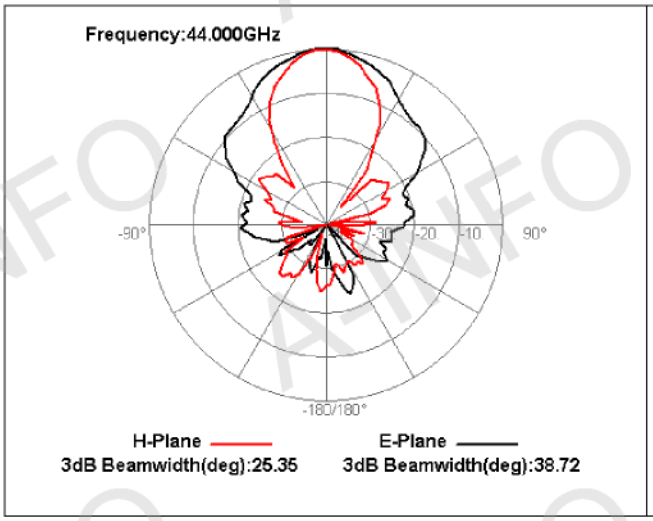
3dB Beamwidth(deg):25.96 3dB Beamwidth(deg):35.63



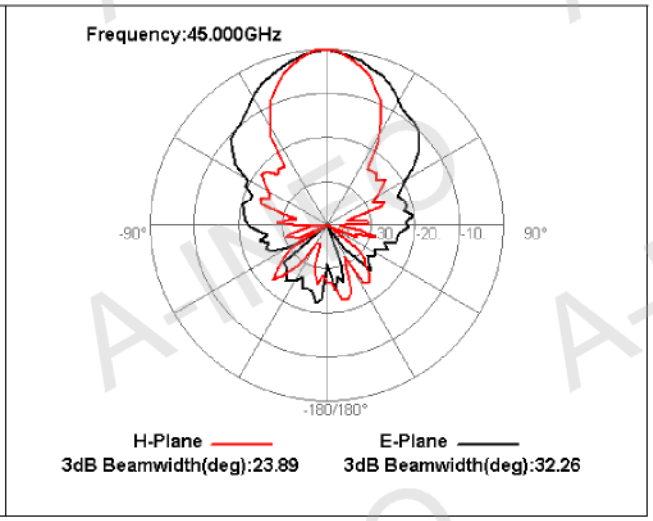
3dB Beamwidth(deg):27.43 3dB Beamwidth(deg):36.33



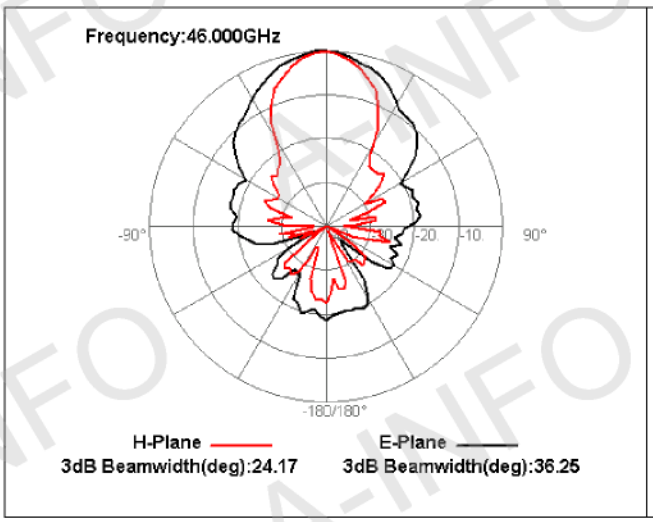
3dB Beamwidth(deg):26.07 3dB Beamwidth(deg):39.81



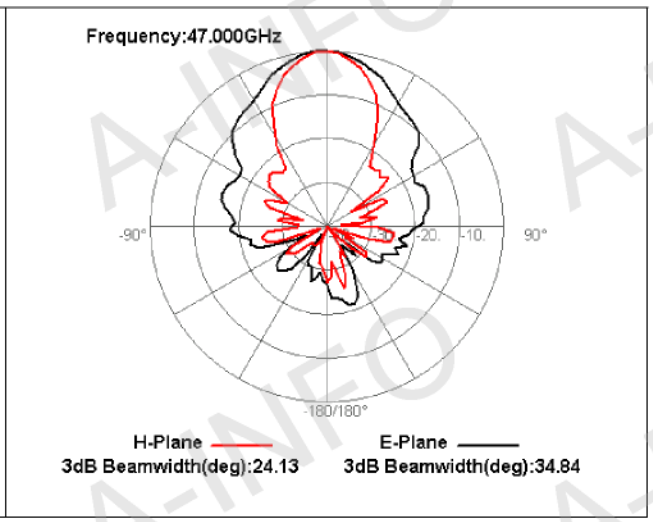
3dB Beamwidth(deg):25.35 3dB Beamwidth(deg):38.72



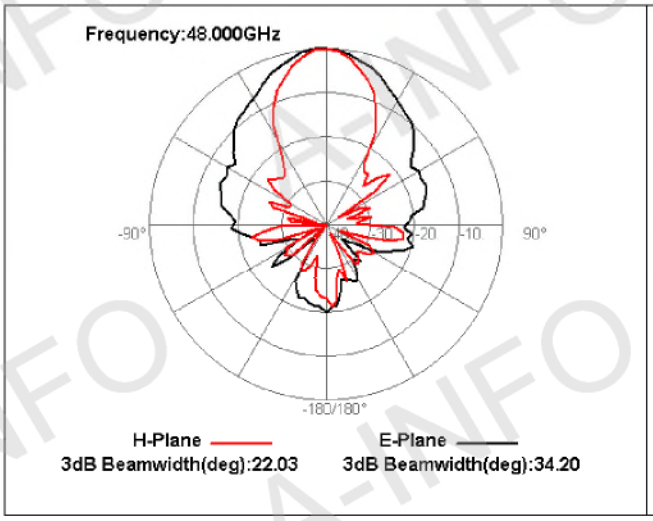
3dB Beamwidth(deg):23.89 3dB Beamwidth(deg):32.26



3dB Beamwidth(deg):24.17 3dB Beamwidth(deg):36.25

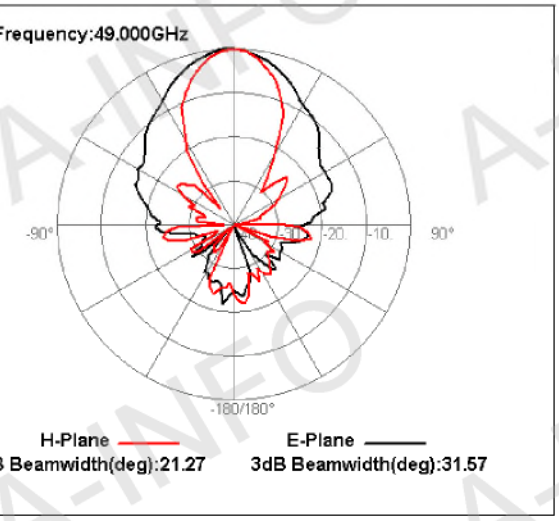


3dB Beamwidth(deg):24.13 3dB Beamwidth(deg):34.84



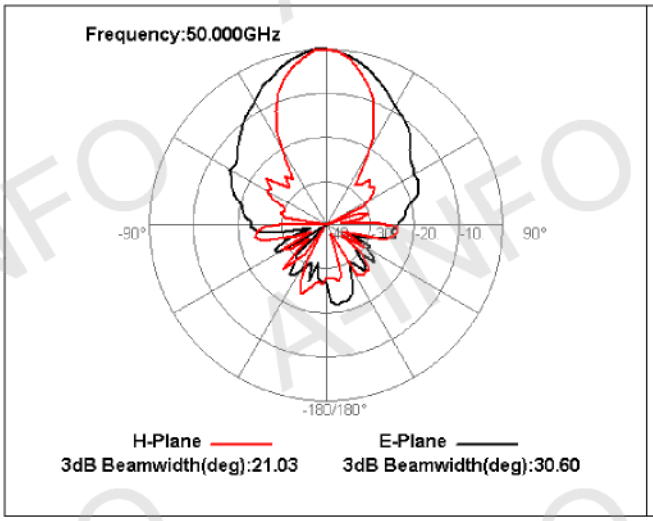
H-Plane
3dB Beamwidth(deg):22.03

E-Plane
3dB Beamwidth(deg):34.20



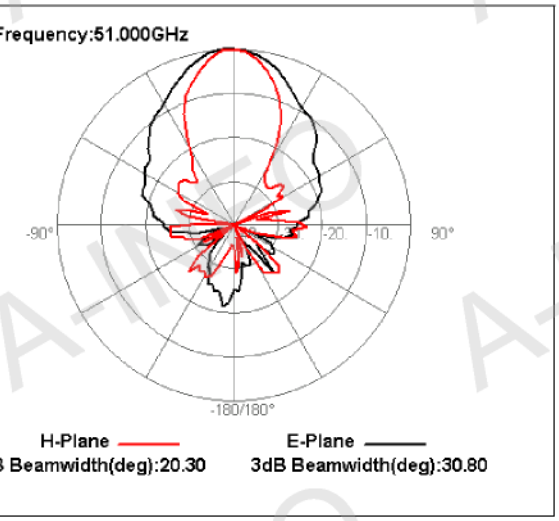
H-Plane
3dB Beamwidth(deg):21.27

E-Plane
3dB Beamwidth(deg):31.57



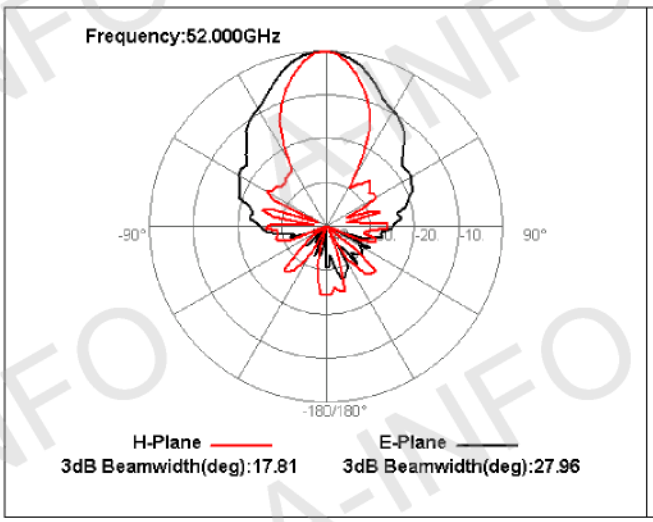
H-Plane
3dB Beamwidth(deg):21.03

E-Plane
3dB Beamwidth(deg):30.60



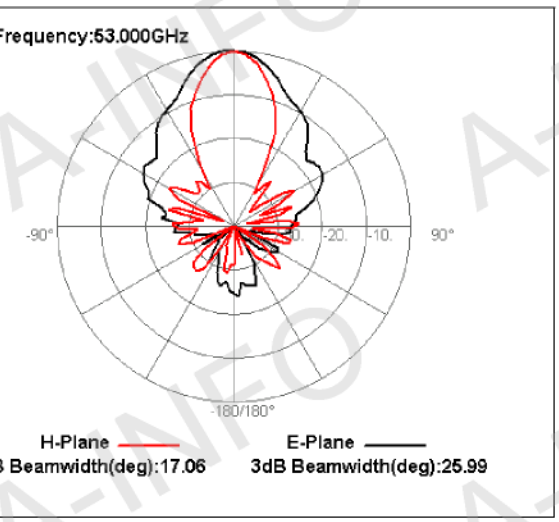
H-Plane
3dB Beamwidth(deg):20.30

E-Plane
3dB Beamwidth(deg):30.80



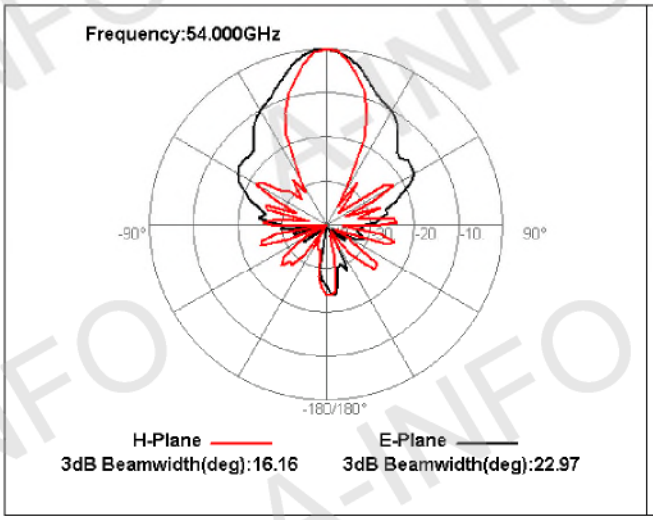
H-Plane
3dB Beamwidth(deg):17.81

E-Plane
3dB Beamwidth(deg):27.96

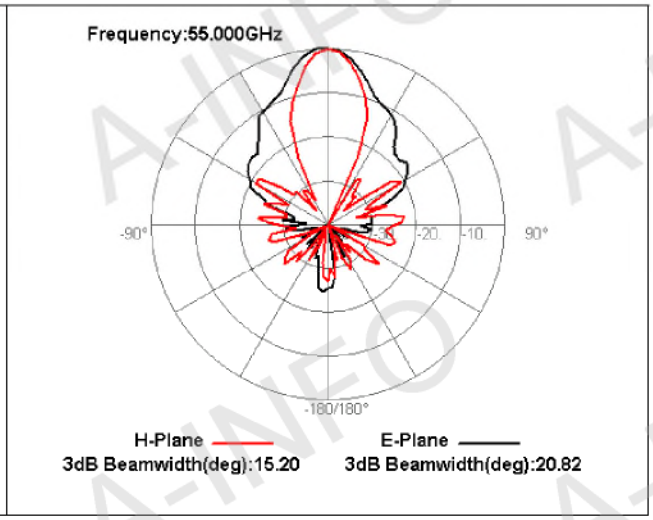


H-Plane
3dB Beamwidth(deg):17.06

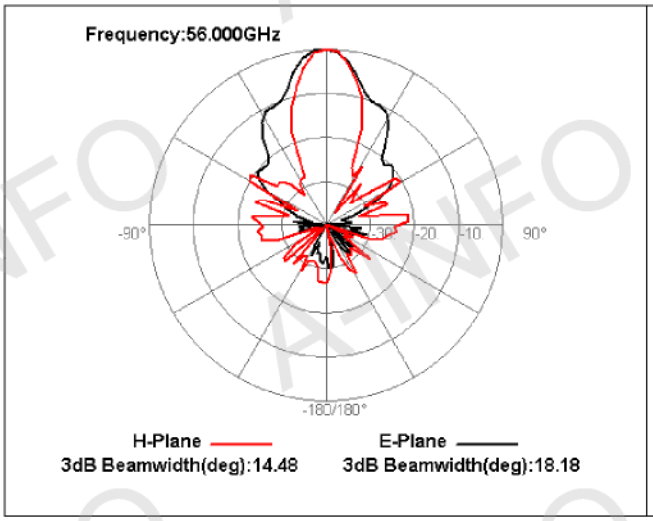
E-Plane
3dB Beamwidth(deg):25.99



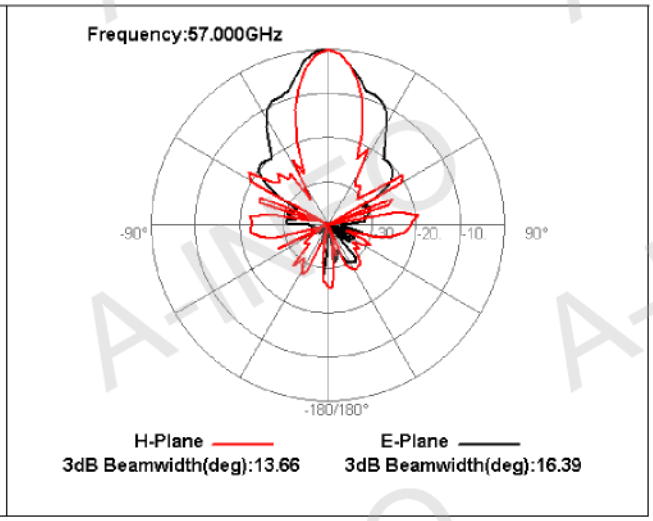
3dB Beamwidth(deg):16.16 3dB Beamwidth(deg):22.97



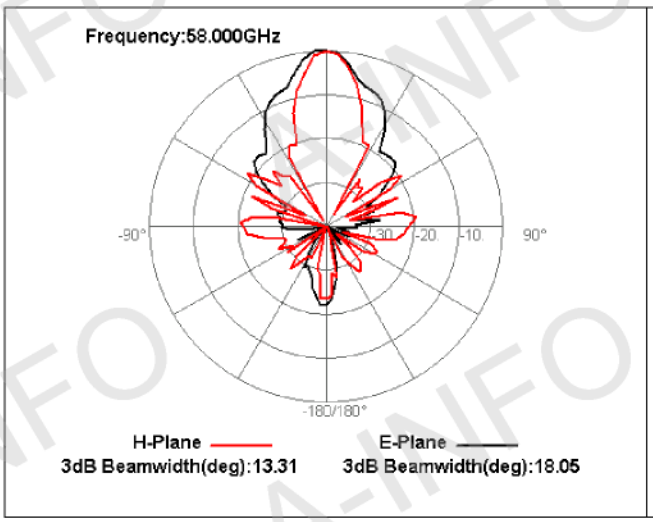
3dB Beamwidth(deg):15.20 3dB Beamwidth(deg):20.82



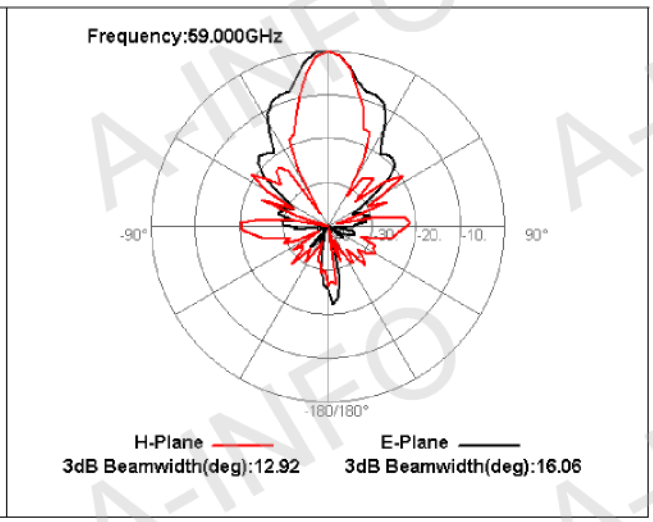
3dB Beamwidth(deg):14.48 3dB Beamwidth(deg):18.18



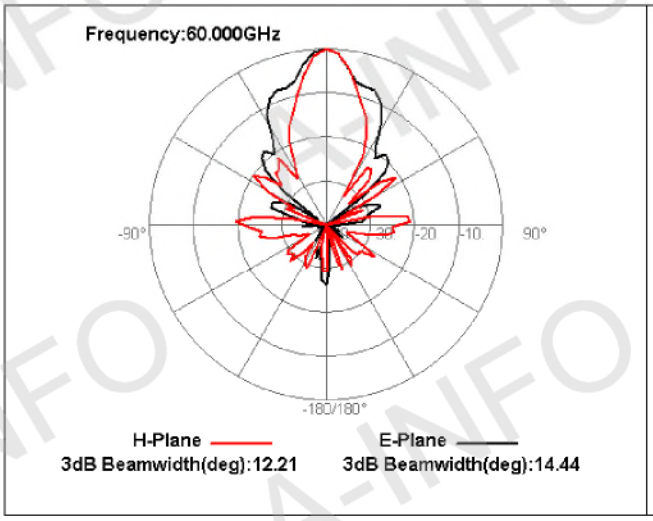
3dB Beamwidth(deg):13.66 3dB Beamwidth(deg):16.39



3dB Beamwidth(deg):13.31 3dB Beamwidth(deg):18.05

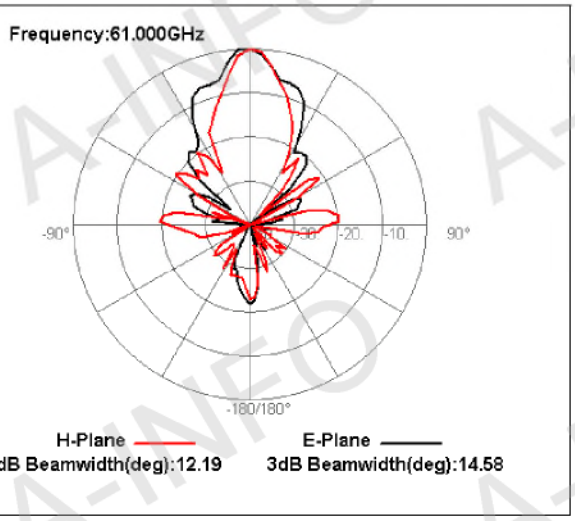


3dB Beamwidth(deg):12.92 3dB Beamwidth(deg):16.06



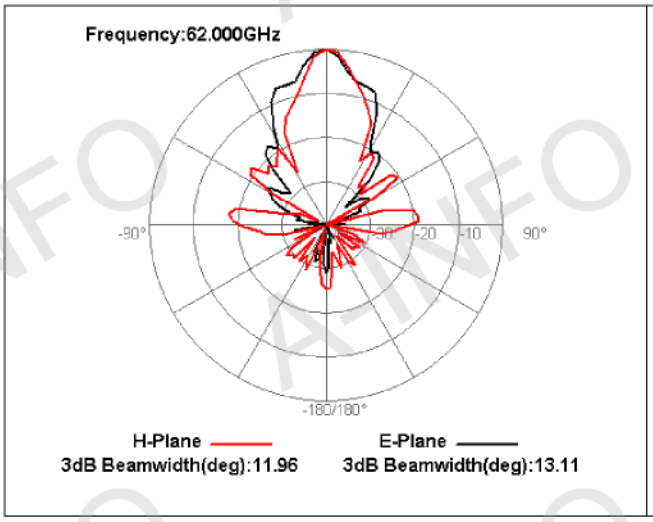
H-Plane
3dB Beamwidth(deg):12.21

E-Plane
3dB Beamwidth(deg):14.44



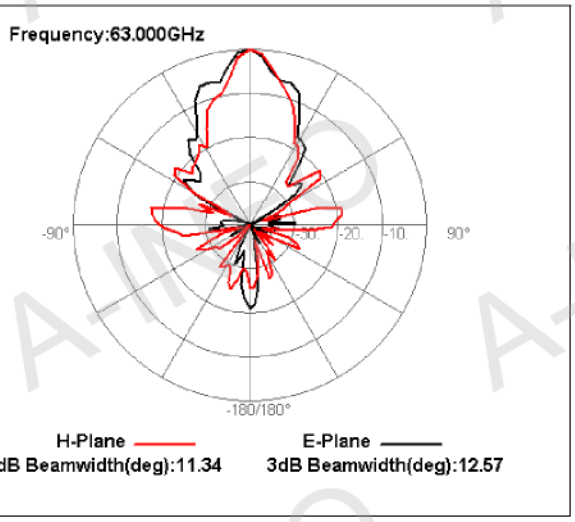
H-Plane
3dB Beamwidth(deg):12.19

E-Plane
3dB Beamwidth(deg):14.58



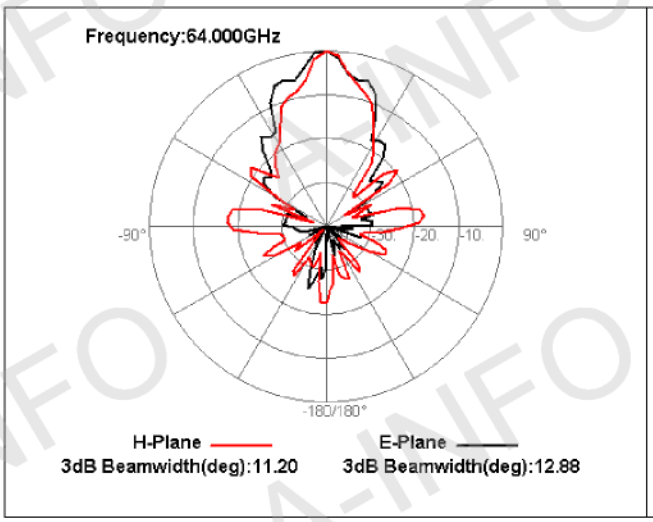
H-Plane
3dB Beamwidth(deg):11.96

E-Plane
3dB Beamwidth(deg):13.11



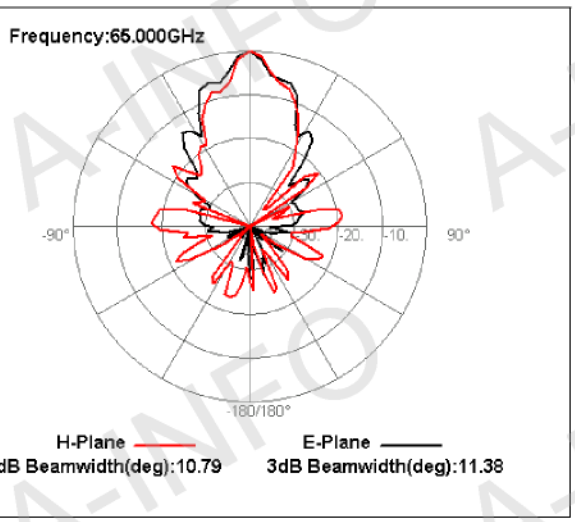
H-Plane
3dB Beamwidth(deg):11.34

E-Plane
3dB Beamwidth(deg):12.57



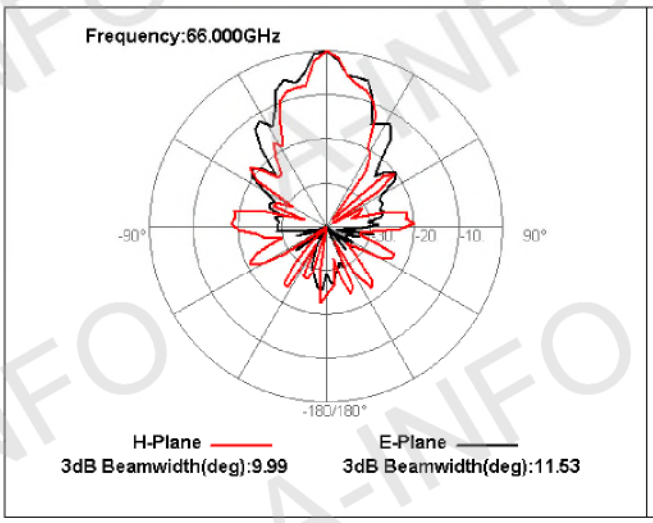
H-Plane
3dB Beamwidth(deg):11.20

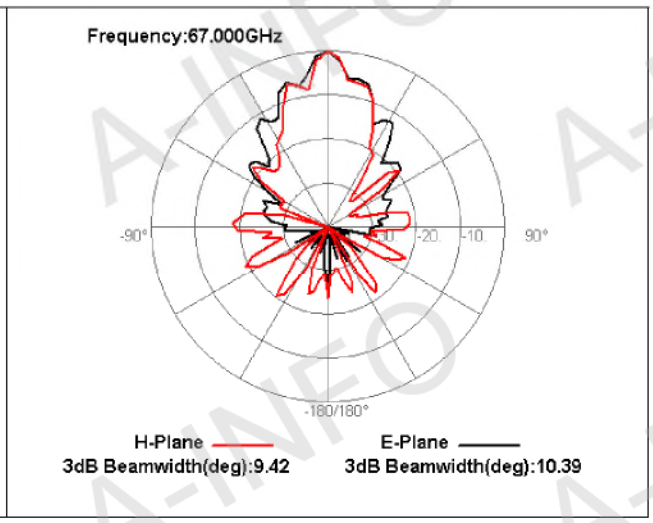
E-Plane
3dB Beamwidth(deg):12.88



H-Plane
3dB Beamwidth(deg):10.79

E-Plane
3dB Beamwidth(deg):11.38


Frequency:66.000GHz
-90°
-30
-20
-10
90°
-180/180°
H-Plane
E-Plane
3dB Beamwidth(deg):9.99
3dB Beamwidth(deg):11.53


Frequency:67.000GHz
-90°
-30
-20
-10
90°
-180/180°
H-Plane
E-Plane
3dB Beamwidth(deg):9.42
3dB Beamwidth(deg):10.39