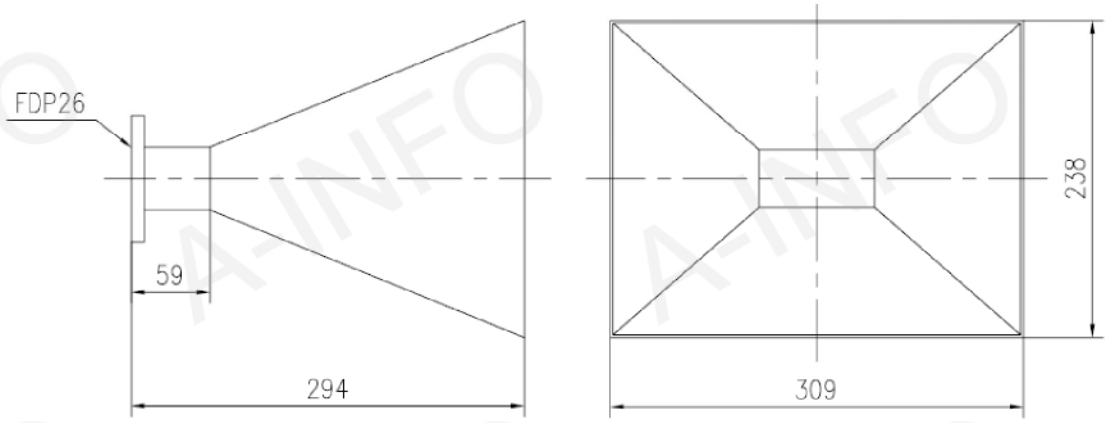
Technical Specification

Frequency Range(GHz)	2.20 - 3.30
Gain(dB)	15 Typ.
3dB Beamwidth(deg)	30 Typ.
Waveguide	WR340
Material	Al
Output	A Type: FDP26 C Type: N-F or SMA-F or 7/16-F
Size(mm) W x H x L	A Type: 309x238x294 C Type: 309x238x386
Net Weight(Kg)	A Type: 1.6 Around C Type: 2.4 Around

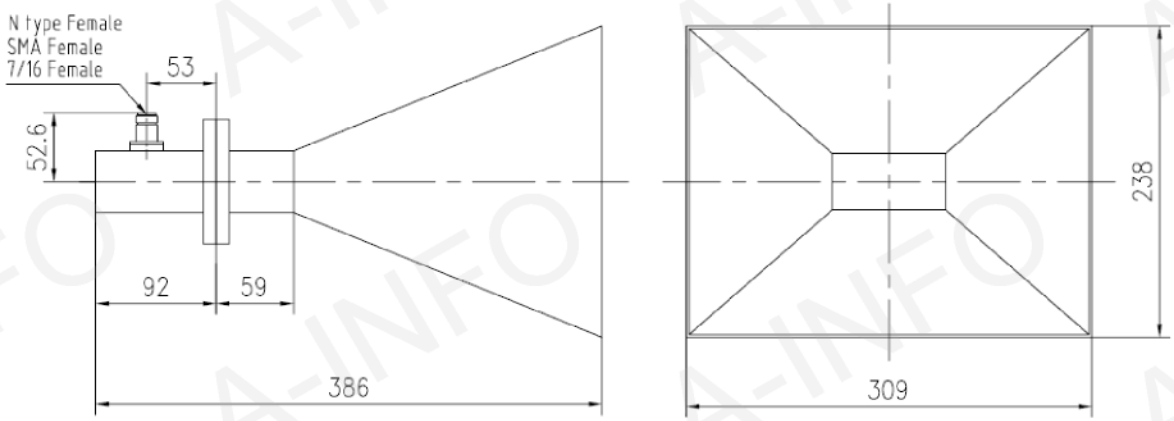
Outline Drawing (Size: mm)

A Type



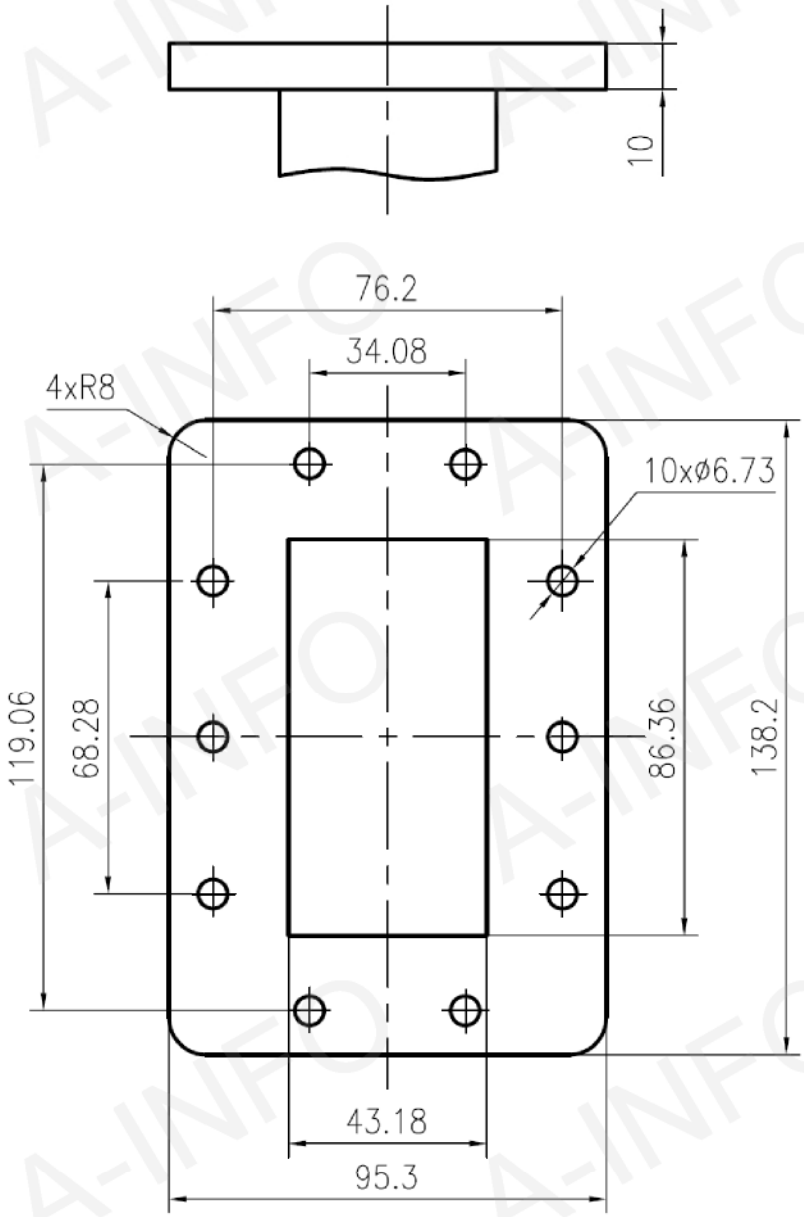
W x H x L: 309x238x294

C Type



W x H x L: 309x238x386

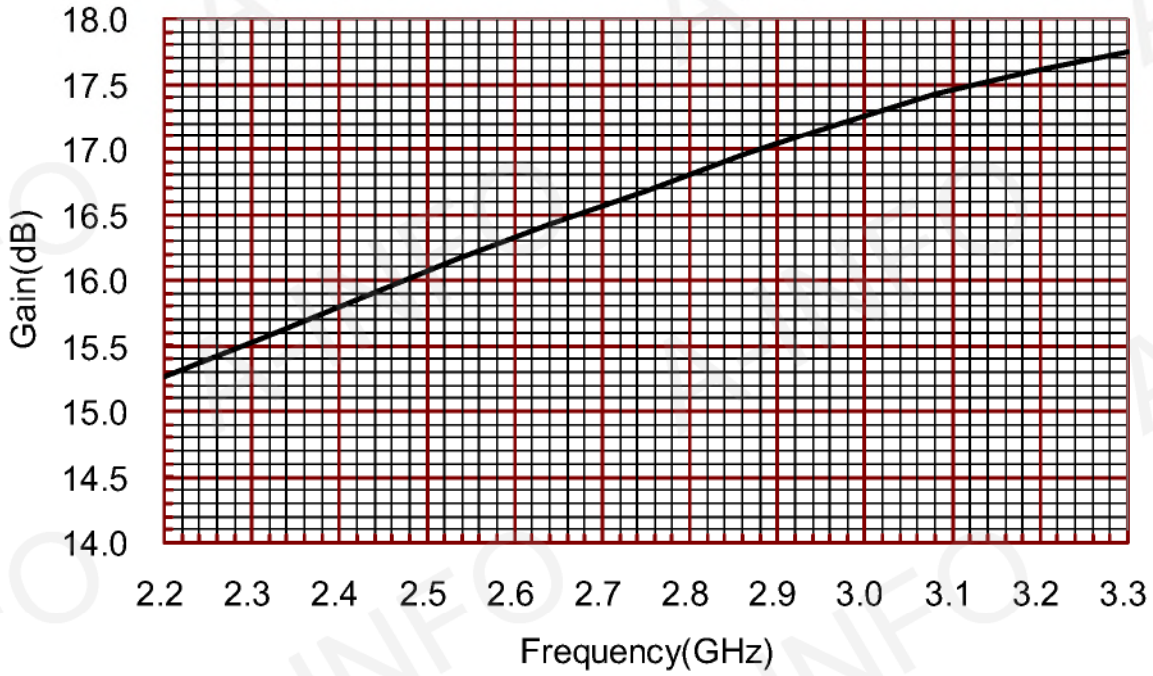
Flange Drawing (Size: mm)

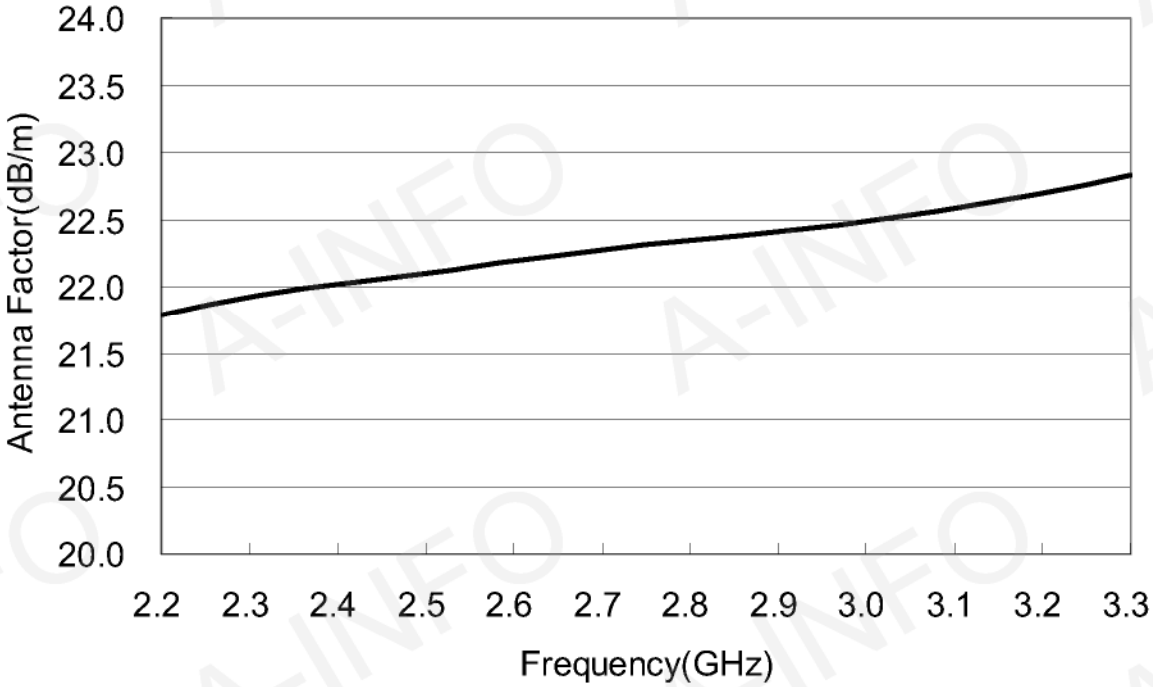


FDP26

Test Results

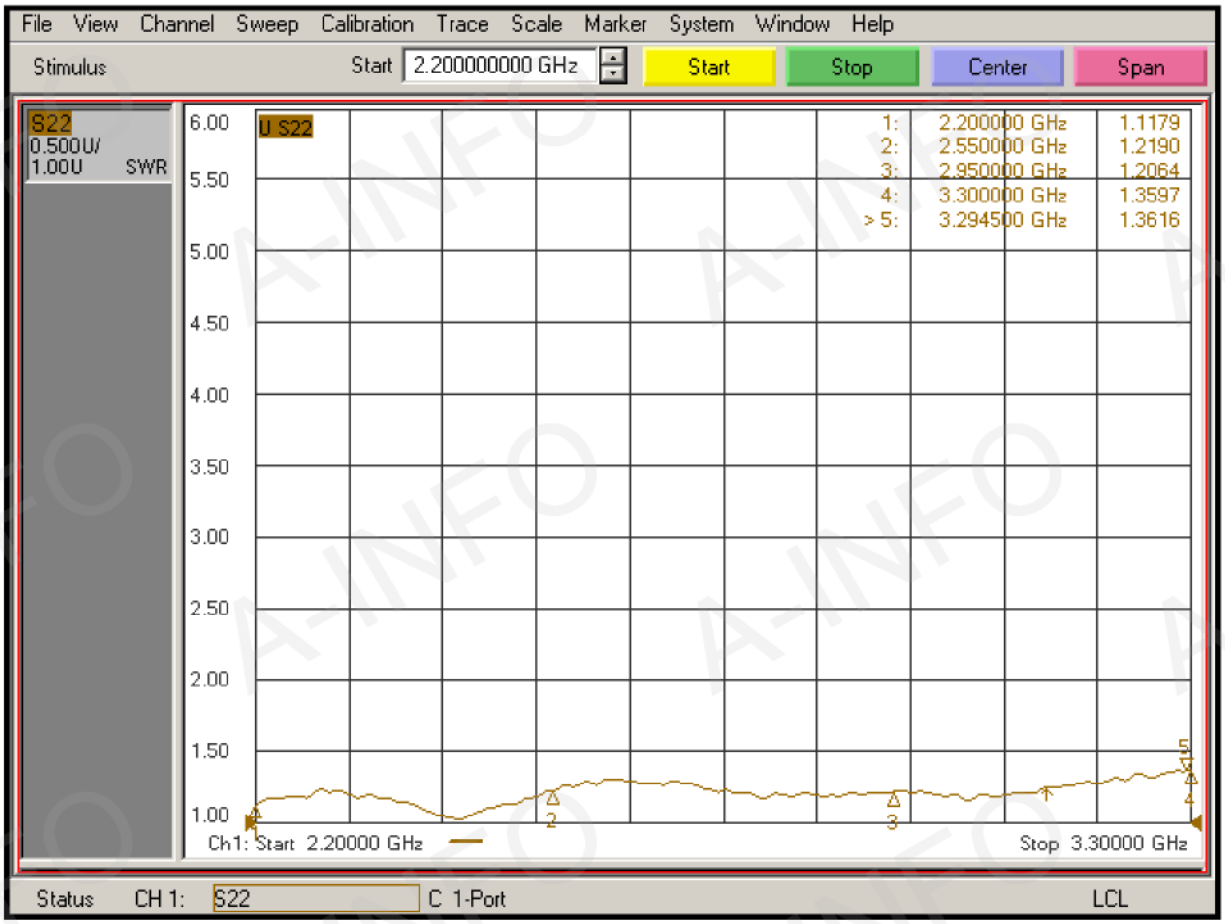
1. Gain and Antenna Factor



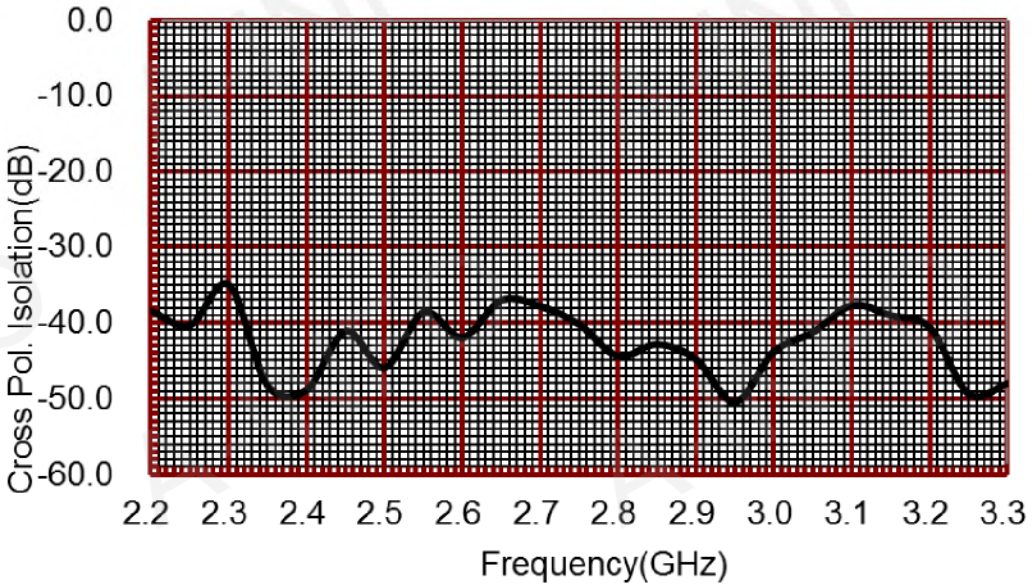


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
2.20	15.27	21.79
2.31	15.55	21.93
2.42	15.85	22.04
2.53	16.15	22.12
2.64	16.42	22.22
2.75	16.68	22.32
2.86	16.95	22.39
2.97	17.20	22.47
3.08	17.42	22.56
3.19	17.60	22.69
3.30	17.75	22.83

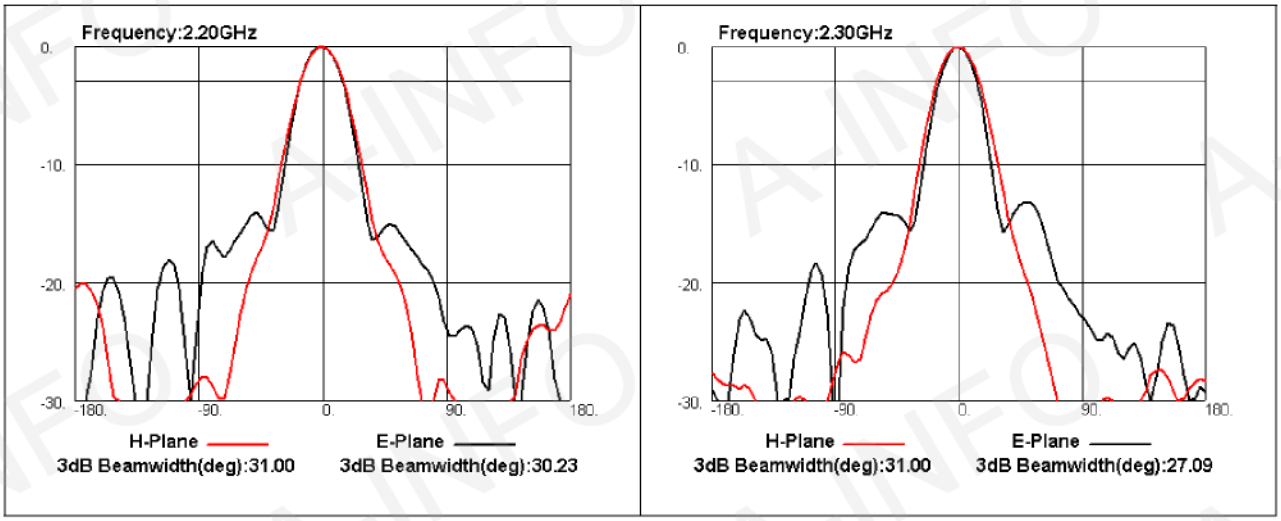
2. VSWR

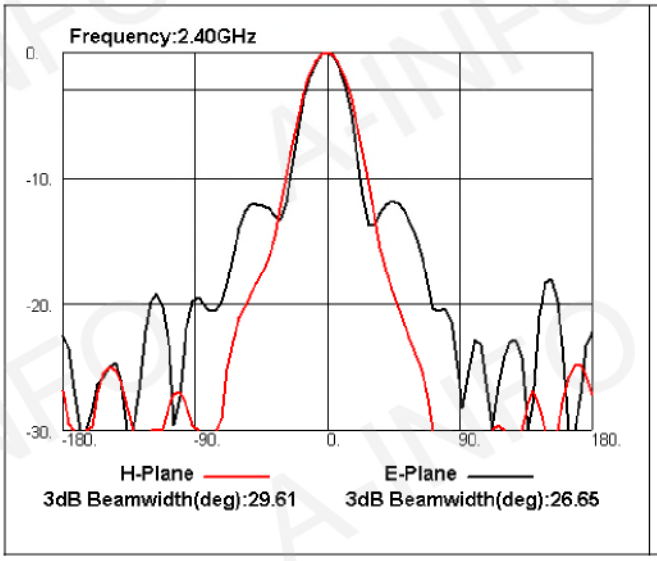


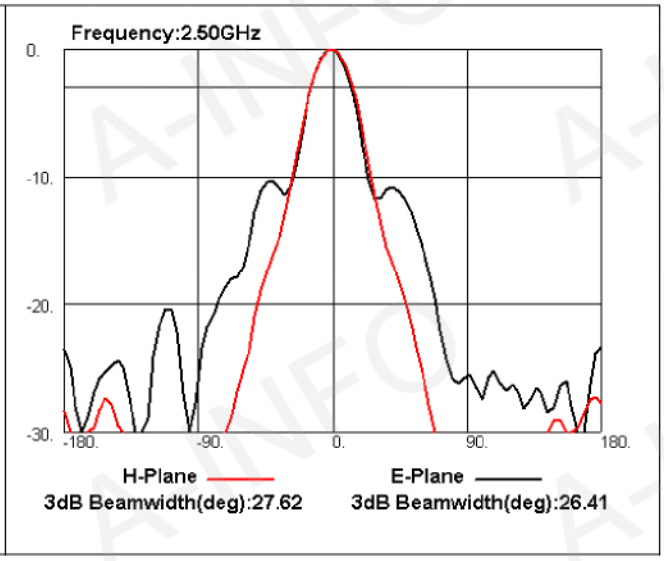
3. Cross Polarization Isolation

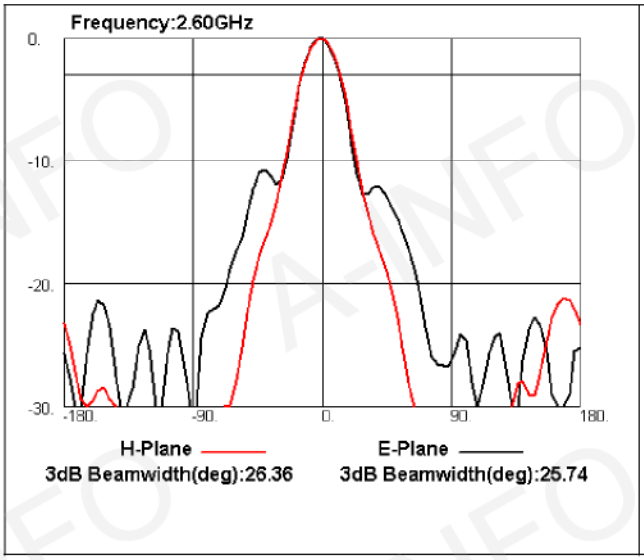


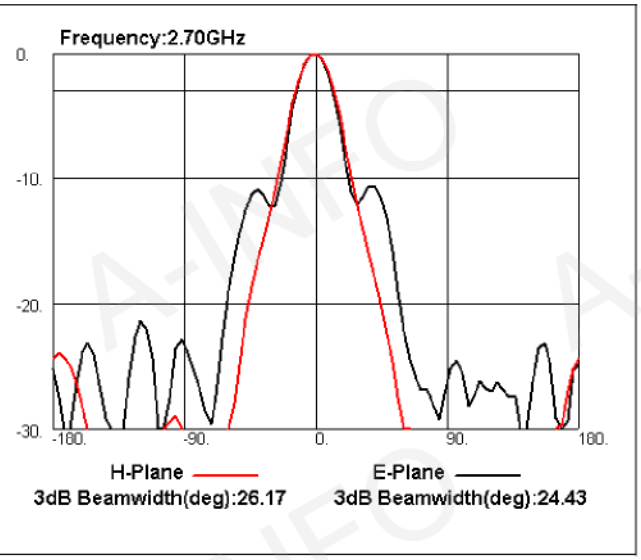
4. Pattern

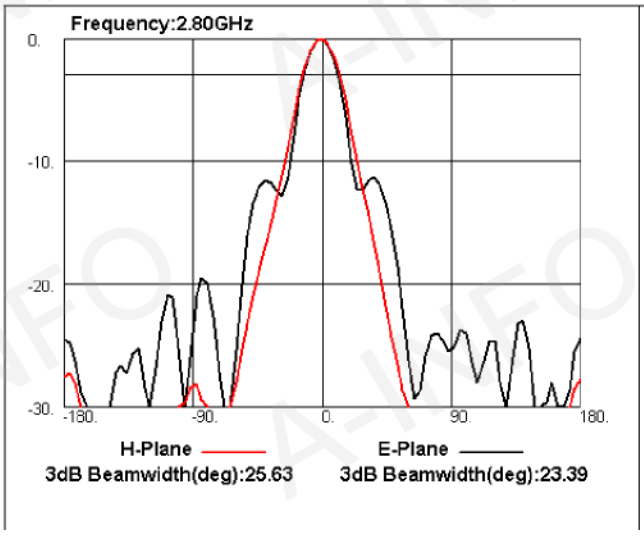


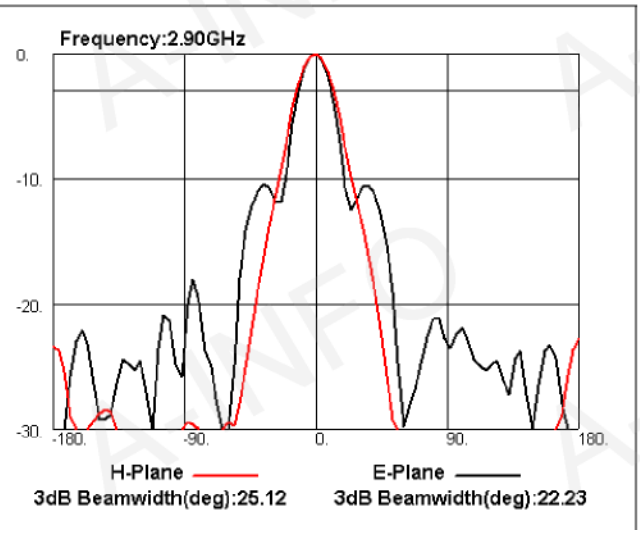

Frequency:2.40GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):29.61
E-Plane
3dB Beamwidth(deg):26.65

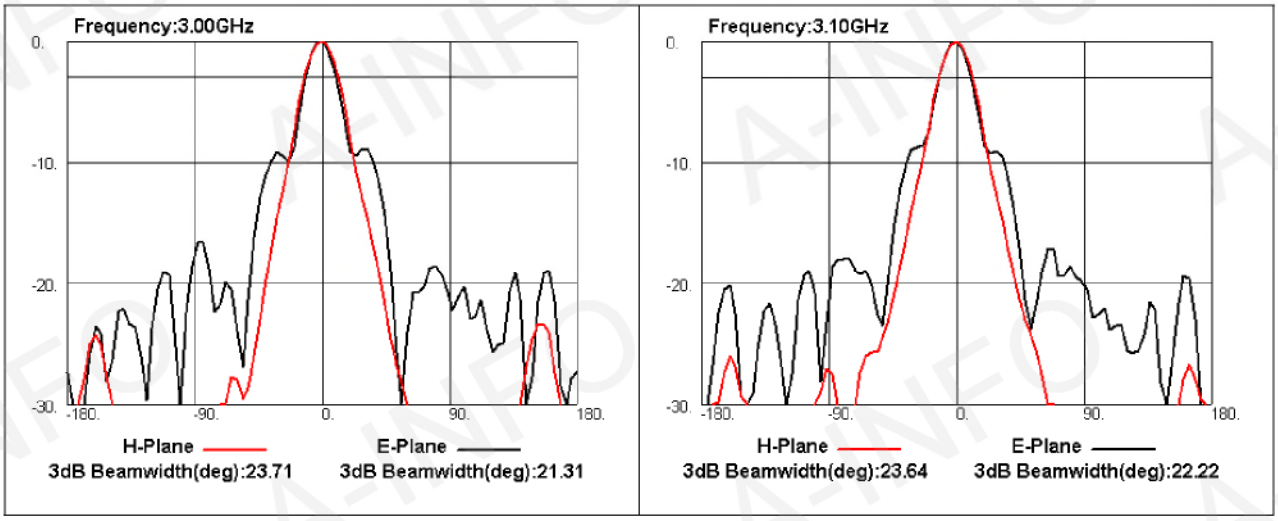

Frequency:2.50GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):27.62
E-Plane
3dB Beamwidth(deg):26.41


Frequency:2.60GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):26.36
E-Plane
3dB Beamwidth(deg):25.74

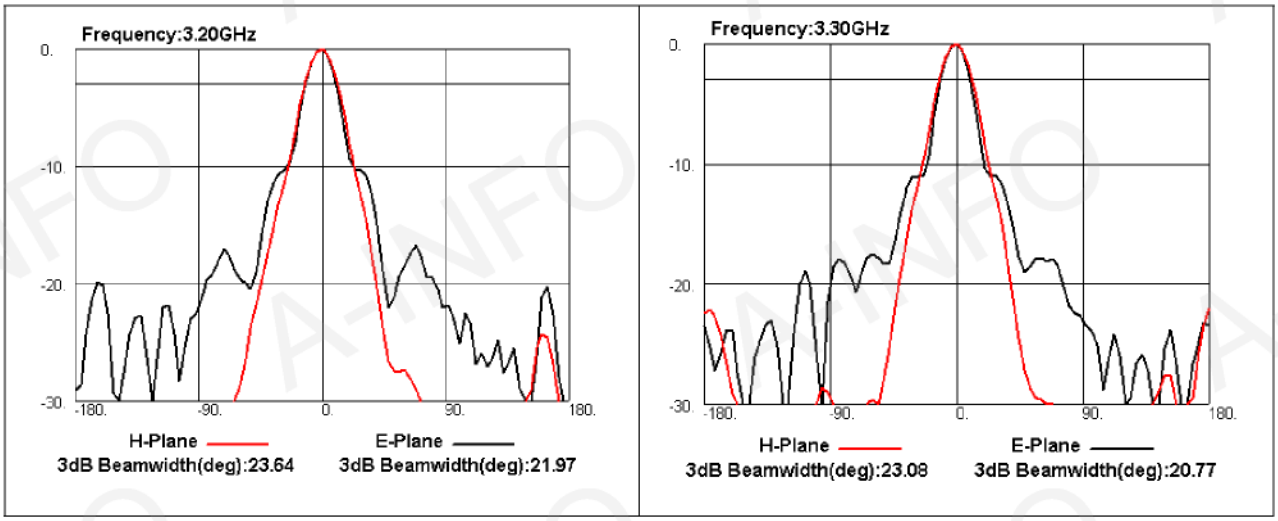

Frequency:2.70GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):26.17
E-Plane
3dB Beamwidth(deg):24.43


Frequency:2.80GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):25.63
E-Plane
3dB Beamwidth(deg):23.39


Frequency:2.90GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):25.12
E-Plane
3dB Beamwidth(deg):22.23


Frequency:3.00GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):23.71
E-Plane
3dB Beamwidth(deg):21.31

Frequency:3.10GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):23.64
E-Plane
3dB Beamwidth(deg):22.22


Frequency:3.20GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):23.64
E-Plane
3dB Beamwidth(deg):21.97

Frequency:3.30GHz
0.
-10.
-20.
-30.
-180.
-90.
0.
90.
180.
H-Plane
3dB Beamwidth(deg):23.08
E-Plane
3dB Beamwidth(deg):20.77