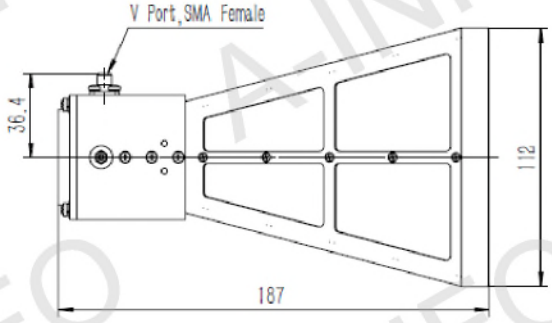
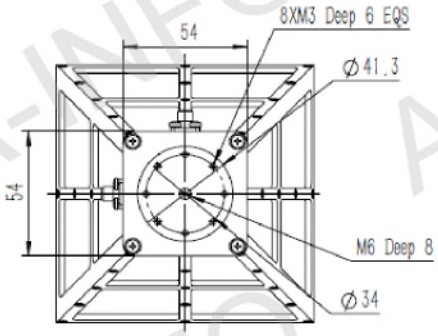
Technical Specification

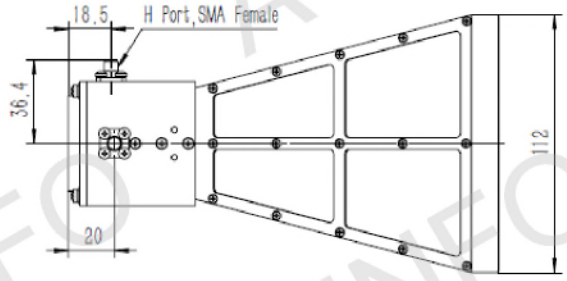
Frequency Range(GHz)	4.0 – 18.0
Gain(dBi)	15 Typ.
Polarization	Dual Pol.
3dB Beamwidth(deg)	61 - 9
Cross Pol. Isolation(dB)	20 Min.
Port to Port Isolation(dB)	20 Min.
VSWR	2.0:1 Typ.
	3.0:1 Max.
Output	SMA-Female
Power Handling(W)	25 Max. CW
Material	Al
Size(mm)	112 x 112 x 187
Net Weight(Kg)	0.68 Around

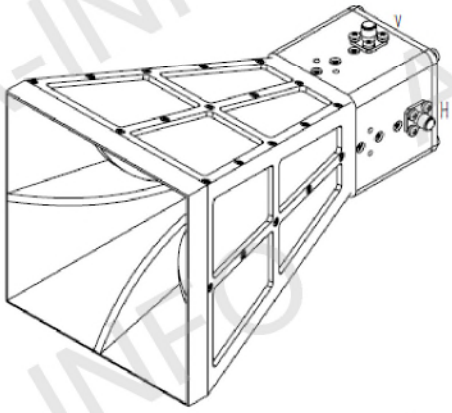
Outline Drawing (Size: mm)

SMA-Female Output

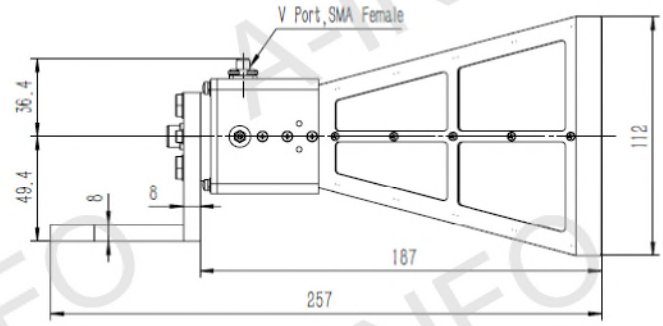


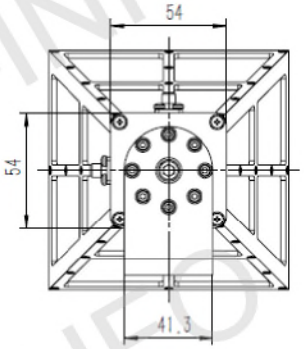


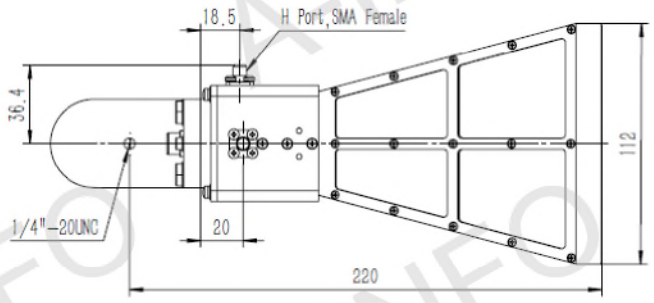


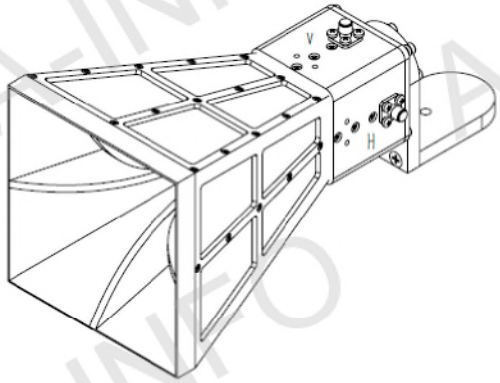


SMA-Female Output with L Type Mounting Bracket

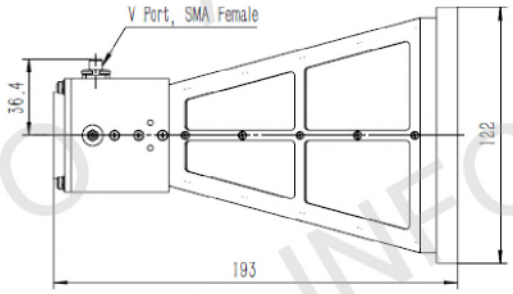


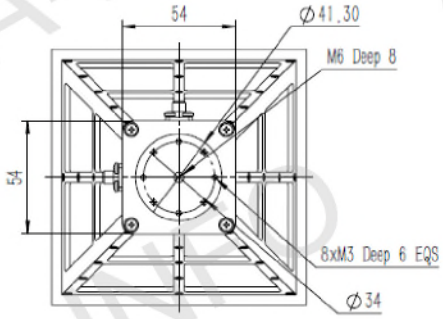


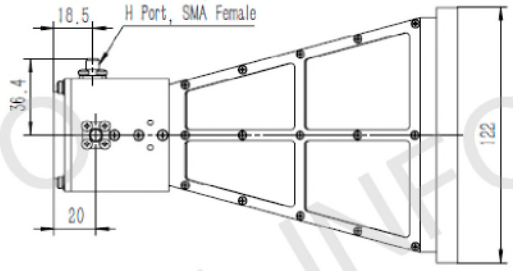


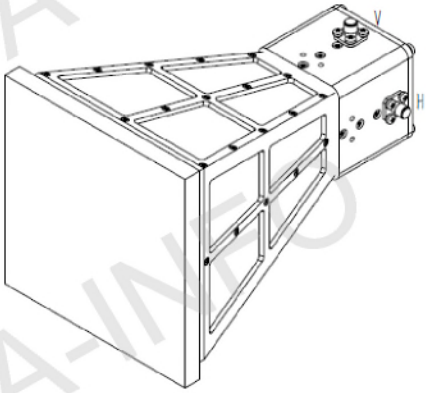


SMA-Female Output with Radome

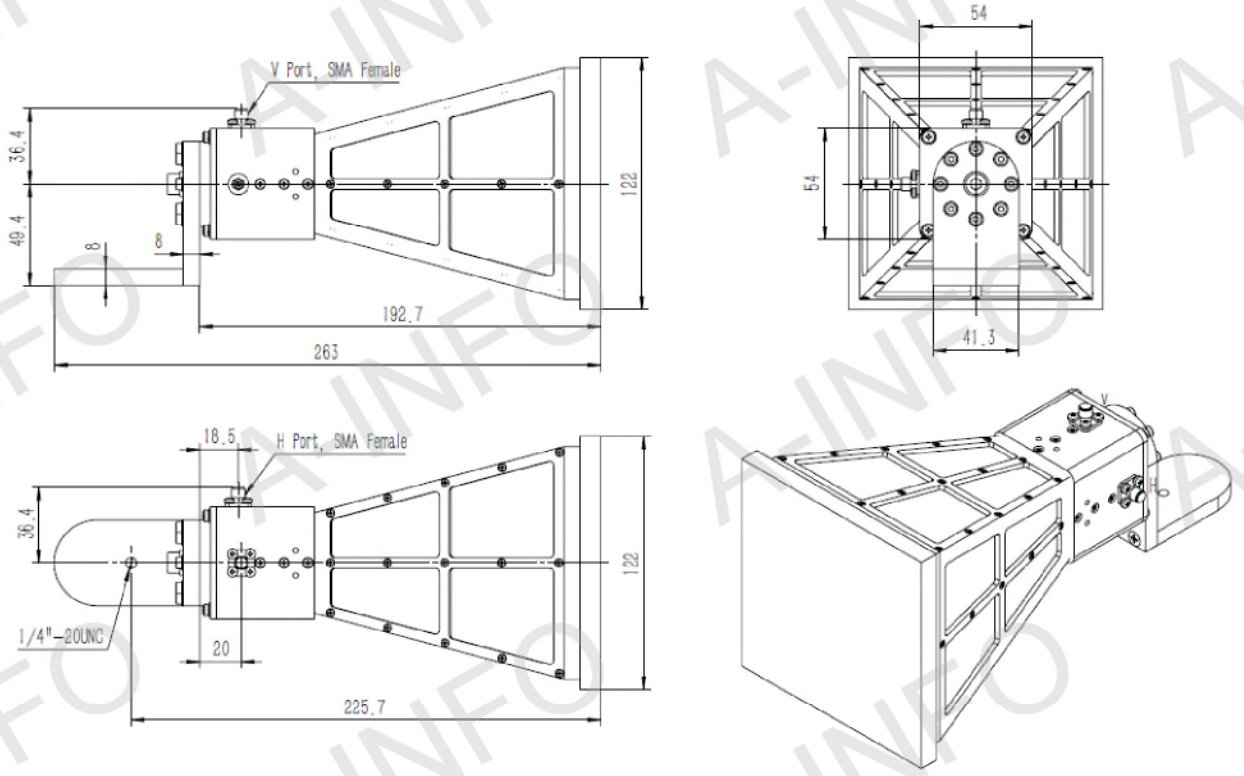






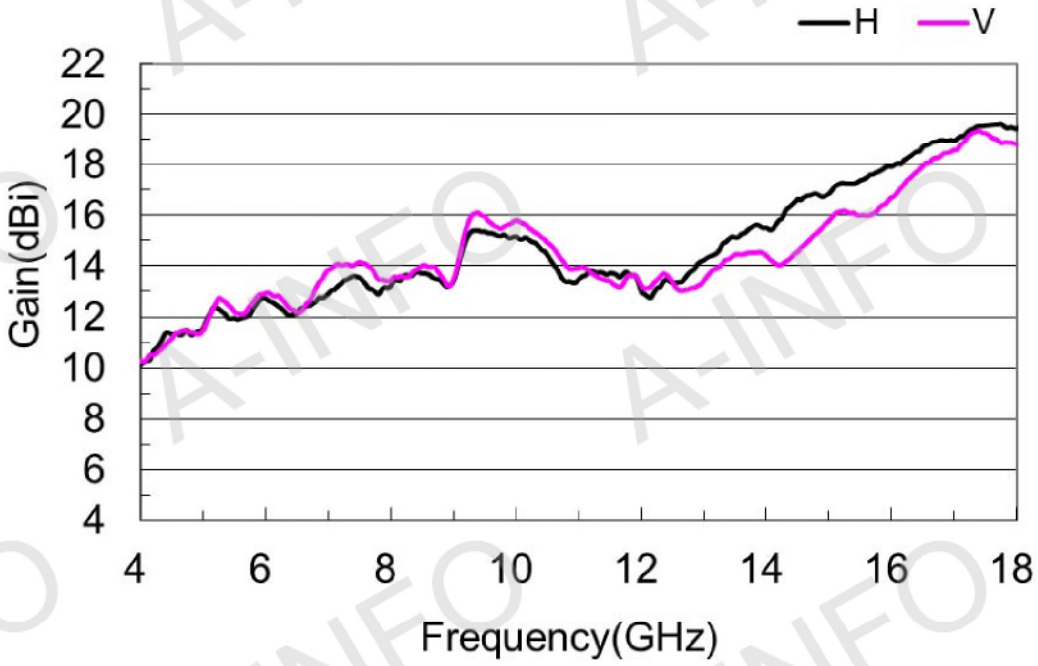


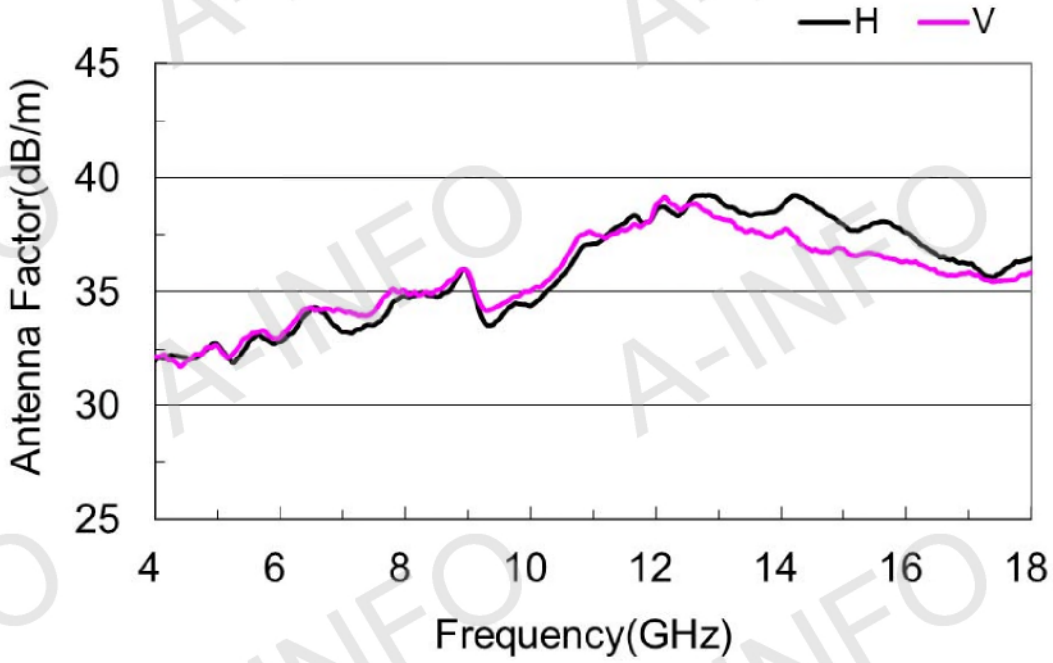
SMA-Female Output with L Type Mounting Bracket & Radome



Test Results

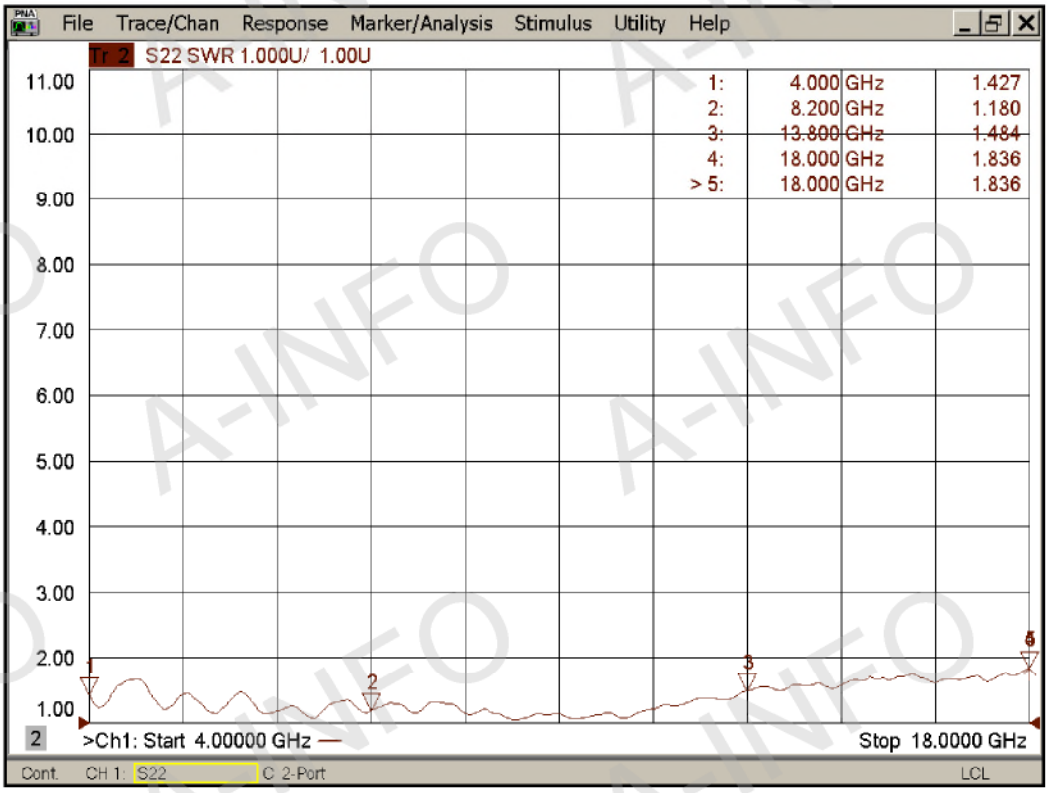
1. Gain and Antenna Factor



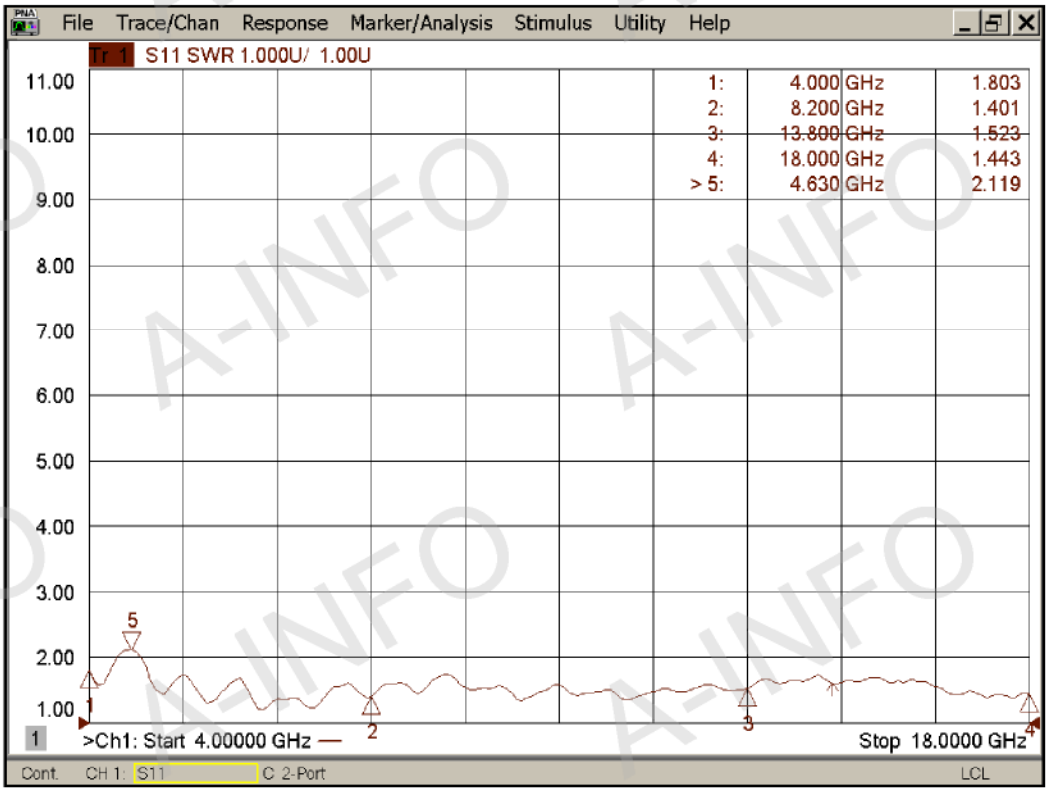


2. VSWR

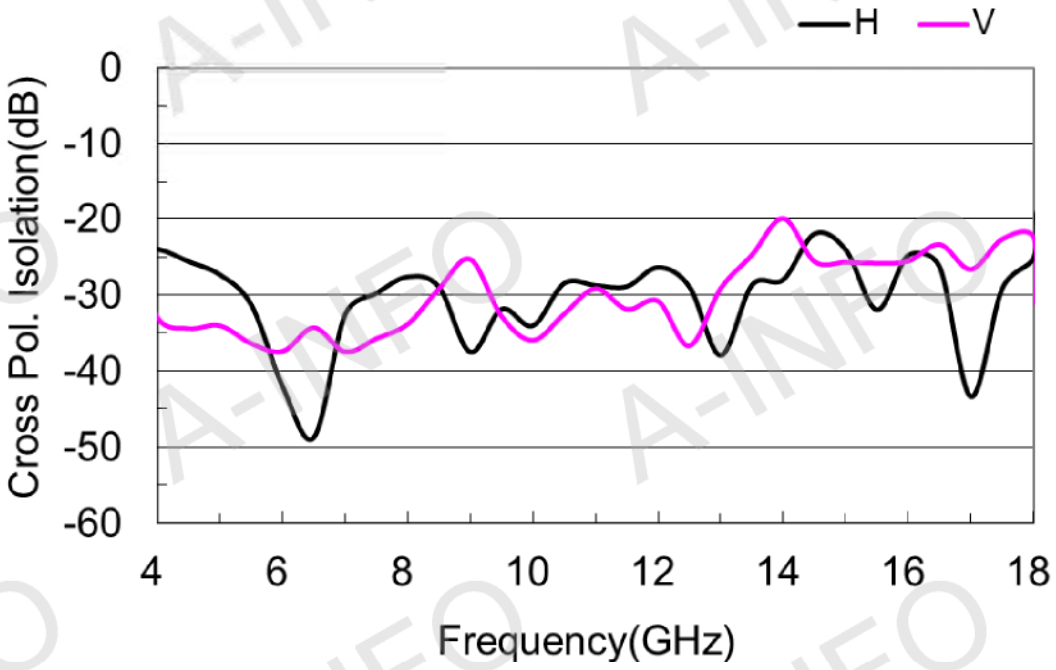
Port-V



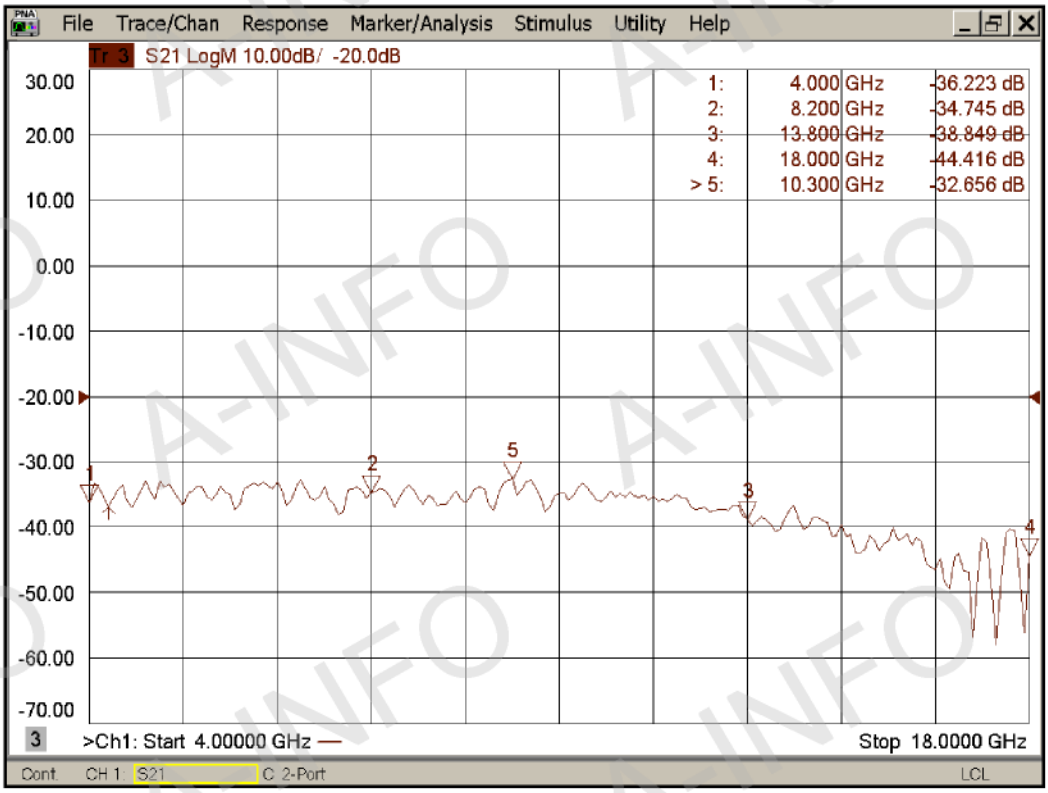
Port-H



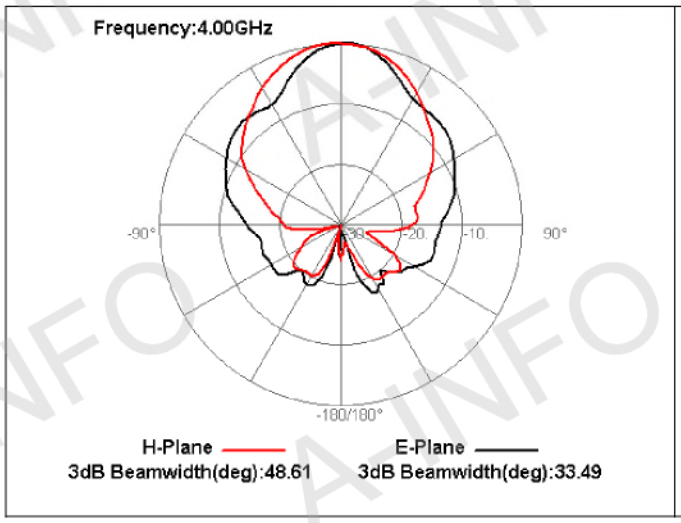
3. Cross Polarization Isolation



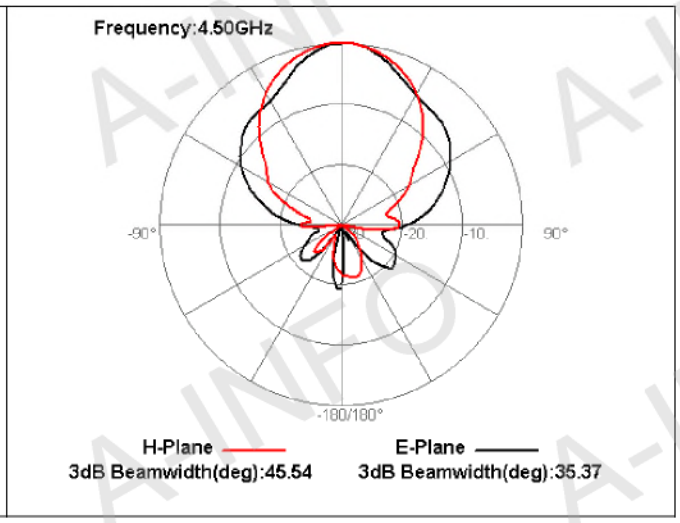
4. Port to Port Isolation



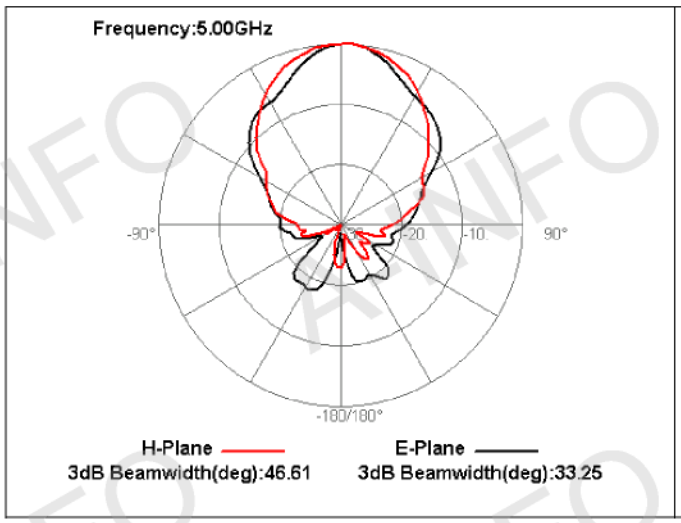
5. Pattern



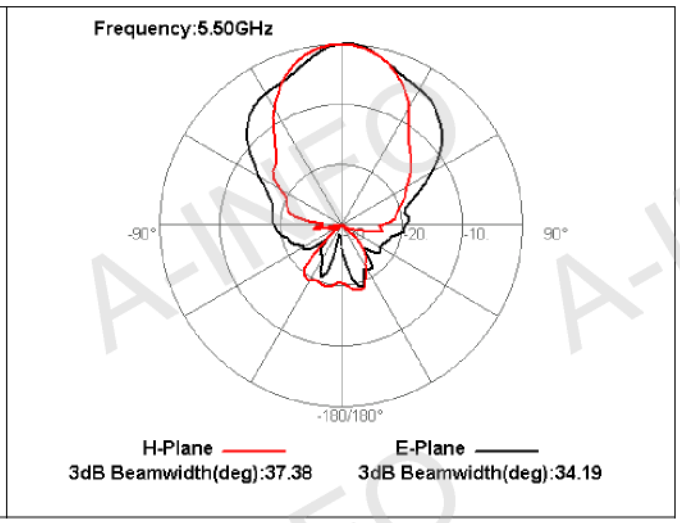
3dB Beamwidth(deg):48.61 3dB Beamwidth(deg):33.49



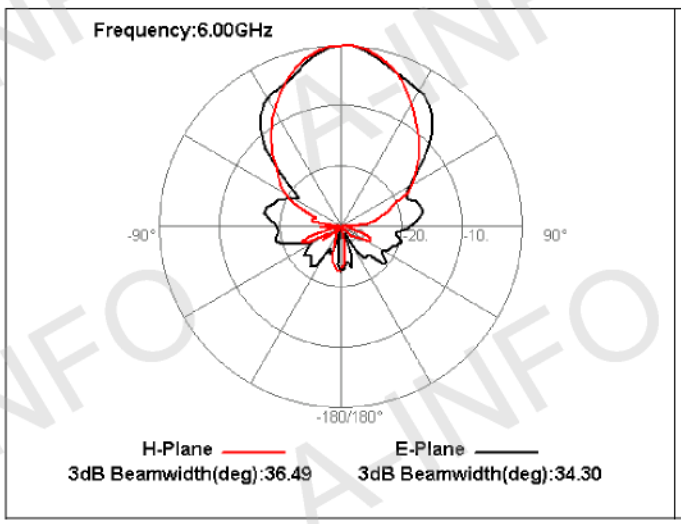
3dB Beamwidth(deg):45.54 3dB Beamwidth(deg):35.37



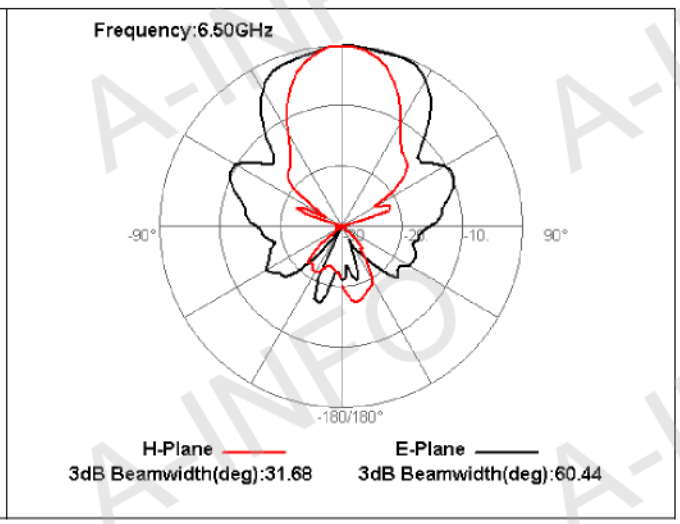
3dB Beamwidth(deg):46.61 3dB Beamwidth(deg):33.25



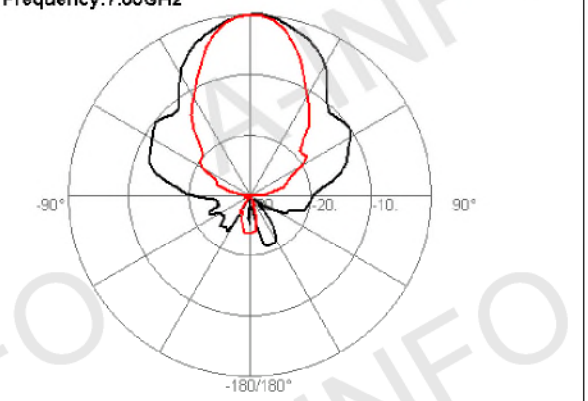
3dB Beamwidth(deg):37.38 3dB Beamwidth(deg):34.19



3dB Beamwidth(deg):36.49 3dB Beamwidth(deg):34.30

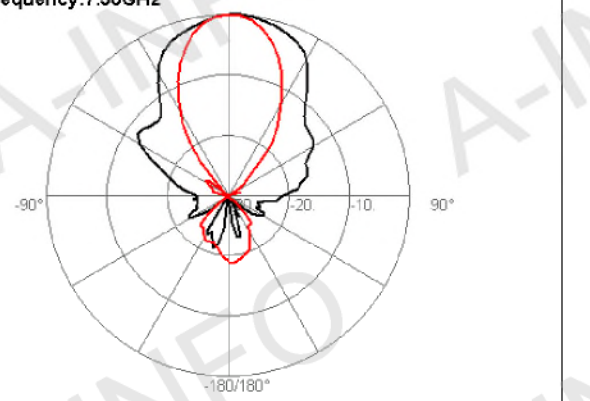


3dB Beamwidth(deg):31.68 3dB Beamwidth(deg):60.44



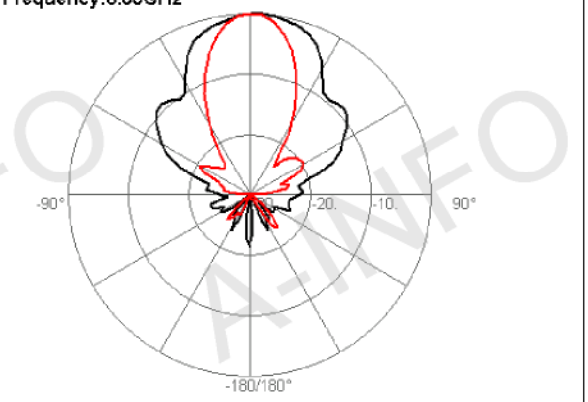
H-Plane
3dB Beamwidth(deg):27.01

E-Plane
3dB Beamwidth(deg):40.78



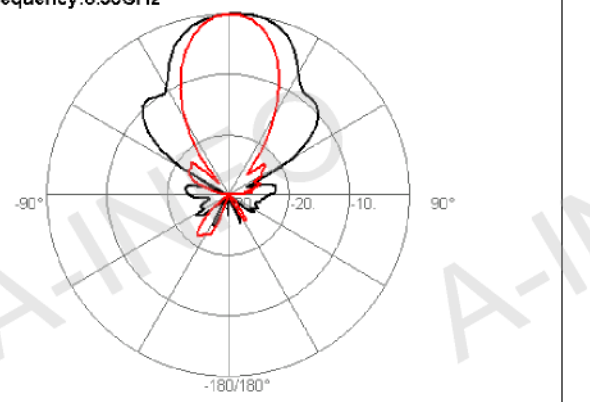
H-Plane
3dB Beamwidth(deg):27.15

E-Plane
3dB Beamwidth(deg):47.73



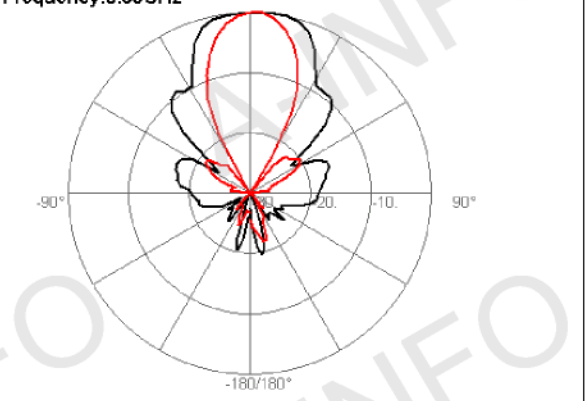
H-Plane
3dB Beamwidth(deg):23.38

E-Plane
3dB Beamwidth(deg):44.23



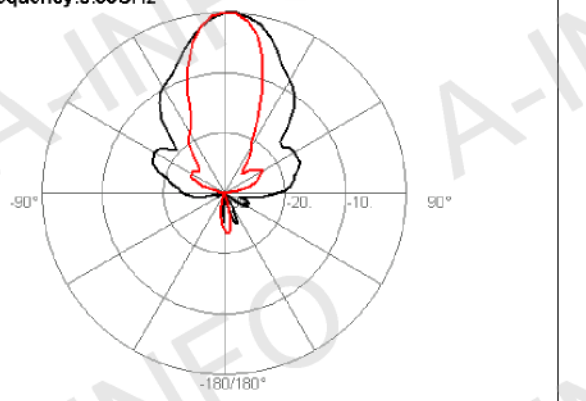
H-Plane
3dB Beamwidth(deg):26.24

E-Plane
3dB Beamwidth(deg):40.30



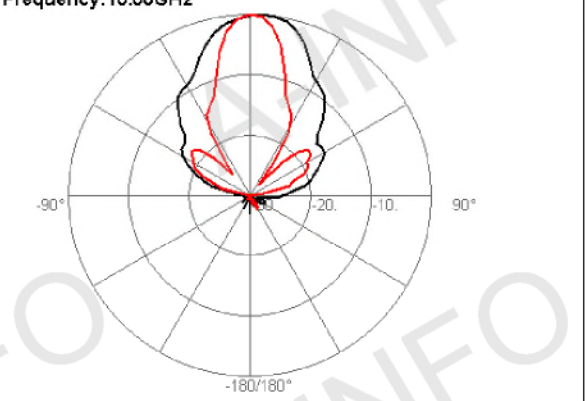
H-Plane
3dB Beamwidth(deg):24.42

E-Plane
3dB Beamwidth(deg):41.54



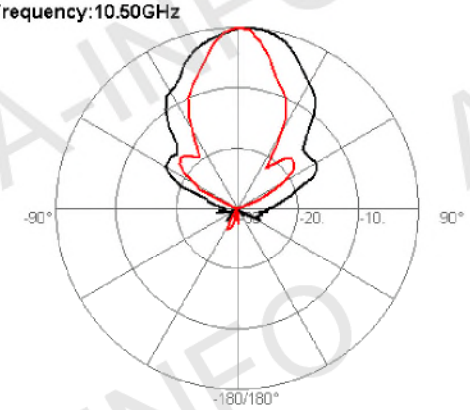
H-Plane
3dB Beamwidth(deg):20.52

E-Plane
3dB Beamwidth(deg):26.16



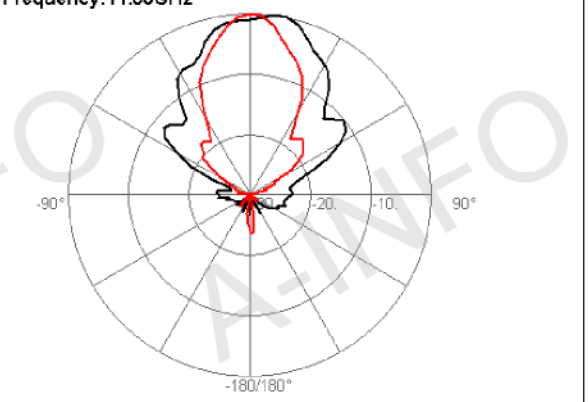
H-Plane
3dB Beamwidth(deg):18.03

E-Plane
3dB Beamwidth(deg):32.51



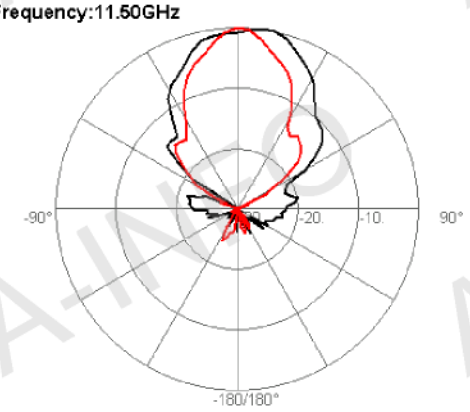
H-Plane
3dB Beamwidth(deg):18.47

E-Plane
3dB Beamwidth(deg):36.55



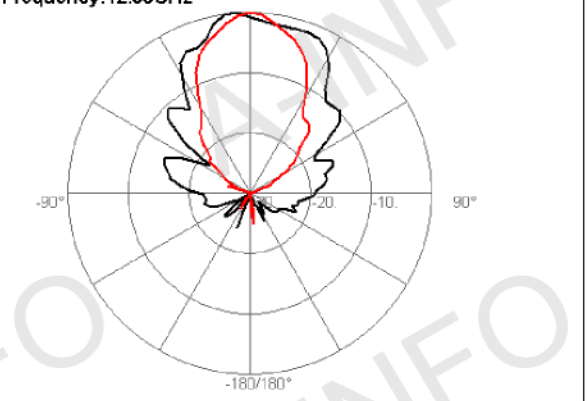
H-Plane
3dB Beamwidth(deg):20.56

E-Plane
3dB Beamwidth(deg):36.01



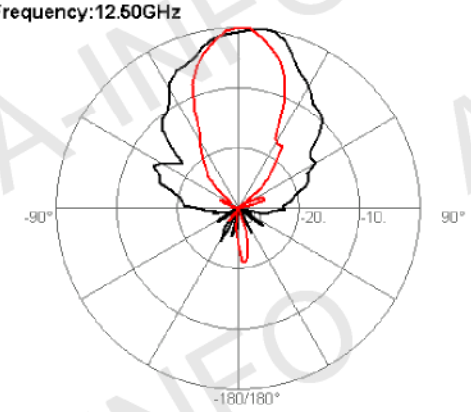
H-Plane
3dB Beamwidth(deg):21.02

E-Plane
3dB Beamwidth(deg):39.45



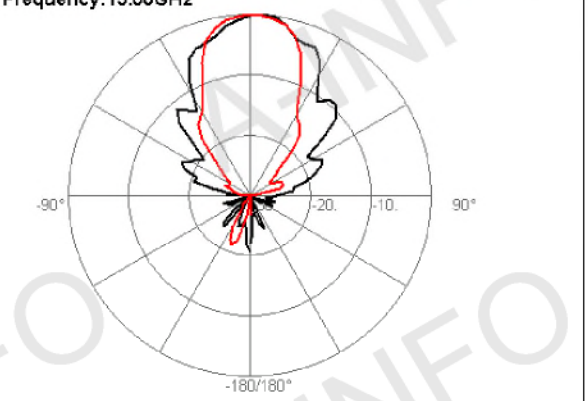
H-Plane
3dB Beamwidth(deg):25.89

E-Plane
3dB Beamwidth(deg):42.62



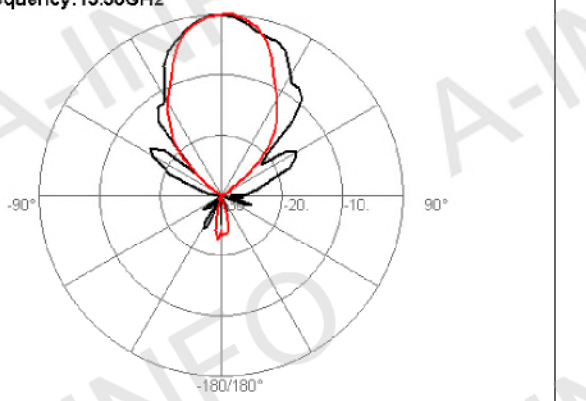
H-Plane
3dB Beamwidth(deg):22.54

E-Plane
3dB Beamwidth(deg):32.31



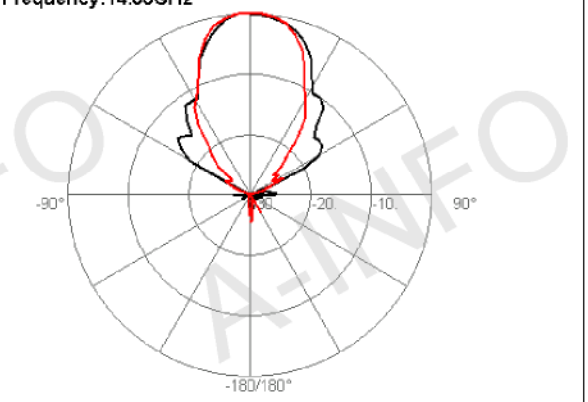
H-Plane
3dB Beamwidth(deg):31.05

E-Plane
3dB Beamwidth(deg):28.35



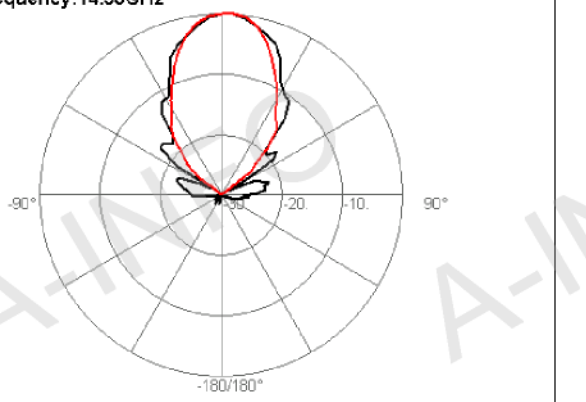
H-Plane
3dB Beamwidth(deg):28.89

E-Plane
3dB Beamwidth(deg):34.93



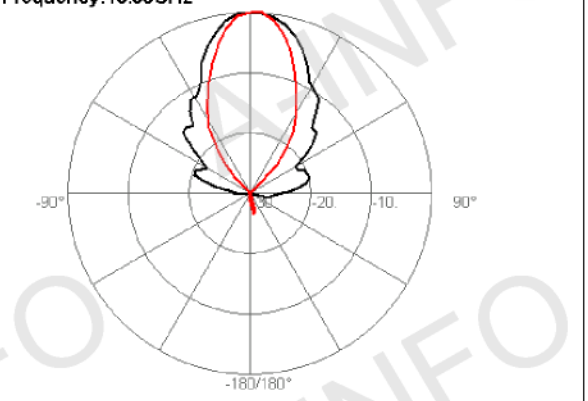
H-Plane
3dB Beamwidth(deg):32.49

E-Plane
3dB Beamwidth(deg):33.23



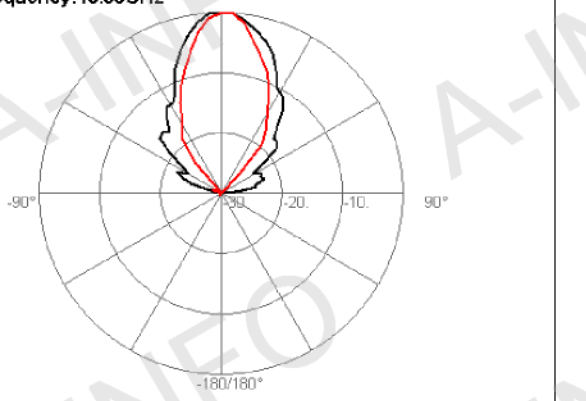
H-Plane
3dB Beamwidth(deg):27.54

E-Plane
3dB Beamwidth(deg):29.54



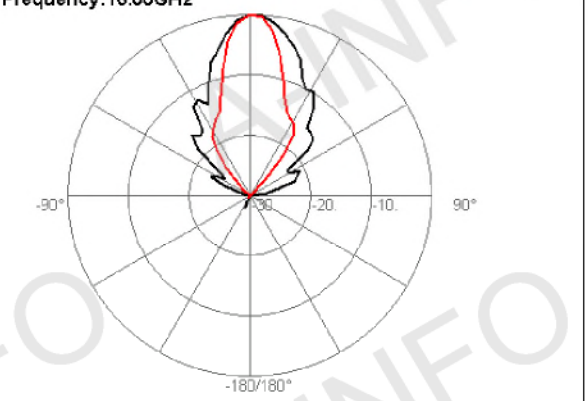
H-Plane
3dB Beamwidth(deg):21.03

E-Plane
3dB Beamwidth(deg):28.15



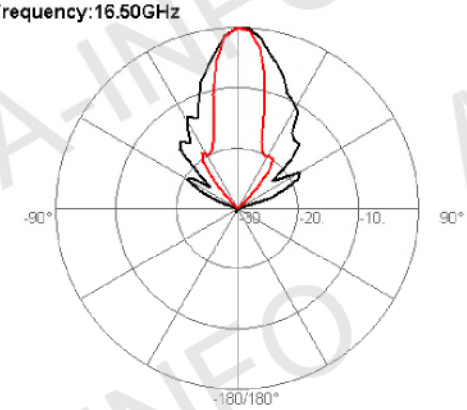
H-Plane
3dB Beamwidth(deg):17.83

E-Plane
3dB Beamwidth(deg):24.87



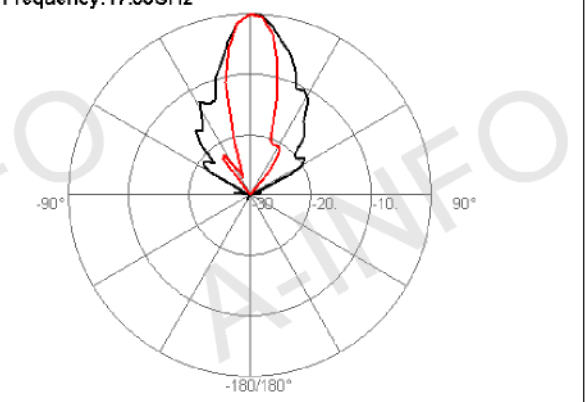
H-Plane
3dB Beamwidth(deg):14.62

E-Plane
3dB Beamwidth(deg):20.86



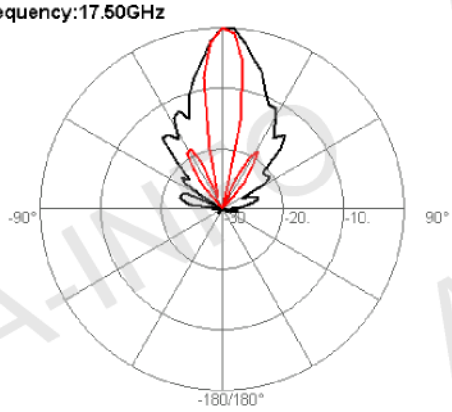
H-Plane
3dB Beamwidth(deg):13.05

E-Plane
3dB Beamwidth(deg):16.86



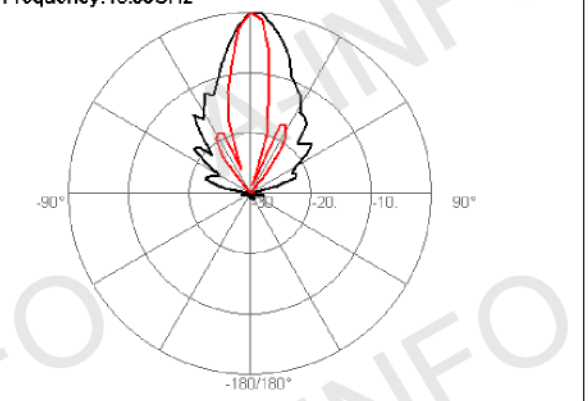
H-Plane
3dB Beamwidth(deg):13.44

E-Plane
3dB Beamwidth(deg):15.70



H-Plane
3dB Beamwidth(deg):10.26

E-Plane
3dB Beamwidth(deg):14.08



H-Plane
3dB Beamwidth(deg):9.70

E-Plane
3dB Beamwidth(deg):15.06