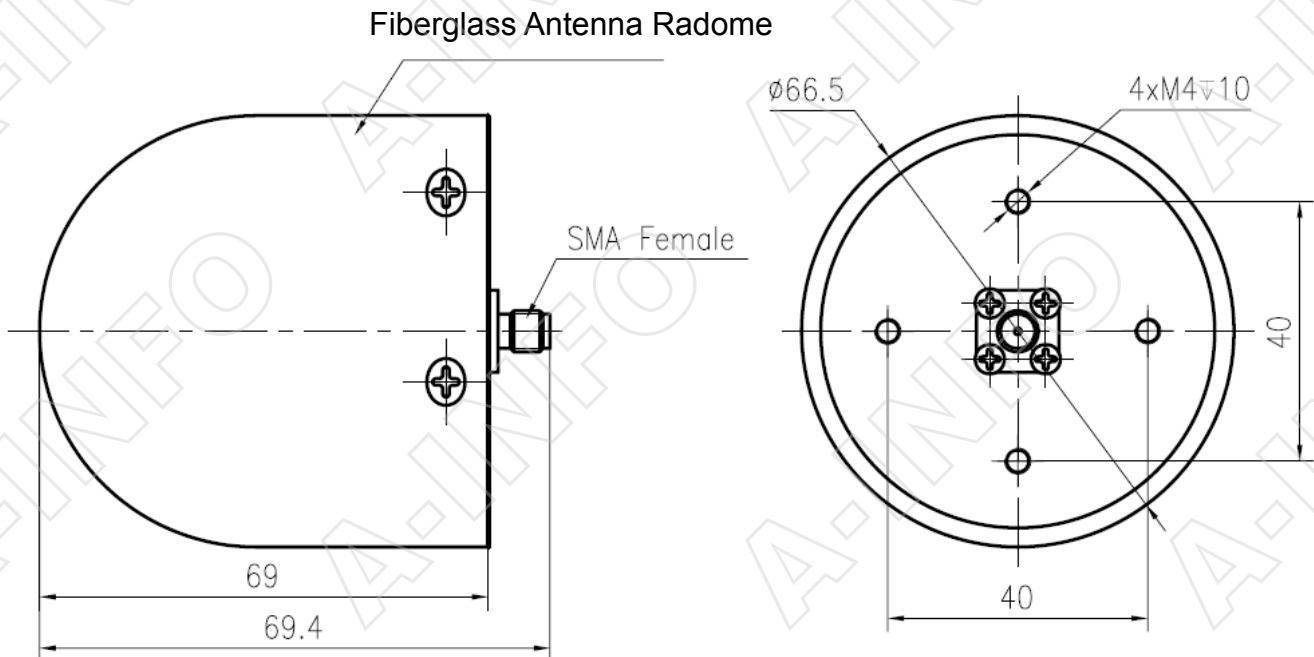


Technical Specification



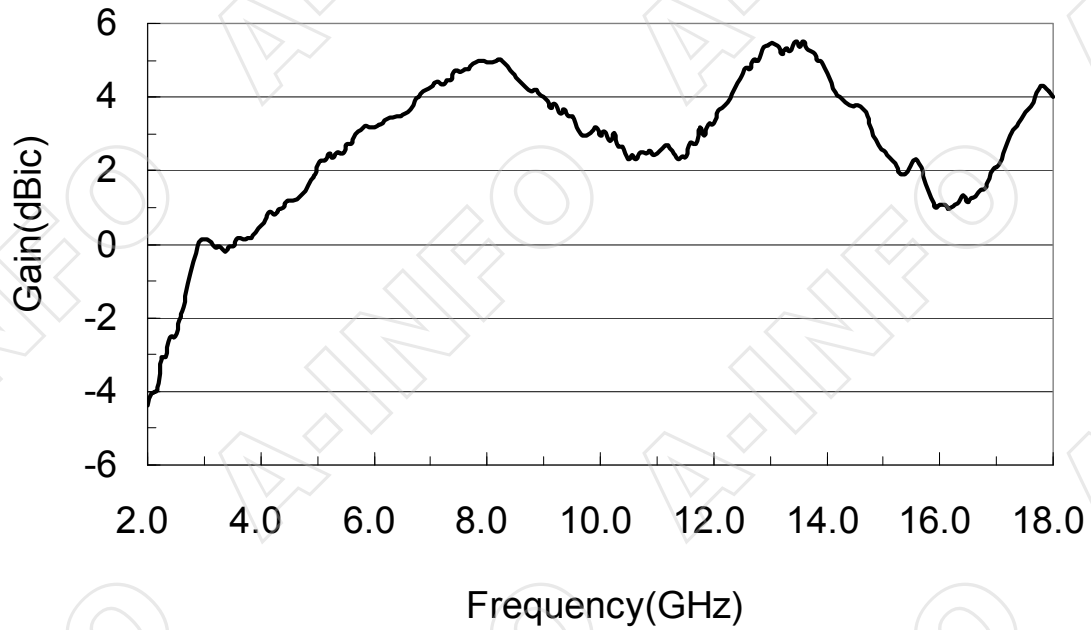
Polarization	RCHP or LHCP
Frequency Range(GHz)	2 - 18
Gain(dBic)	-4.40@2GHz
	4.94@8GHz
	4.02@18GHz
Axial Ratio(dB)	3 Max
3dB Beamwidth(deg)	E: 100 - 55
	H: 90 - 55
VSWR	2.0 : 1 Typ.
	3.0 : 1 Max
Connector	SMA- Female
Antenna Radome	With Fiberglass Antenna Radome
Size(mm)	Φ66.5x69.4
Net Weight(Kg)	0.20 Around

Outline Drawing (Size: mm)

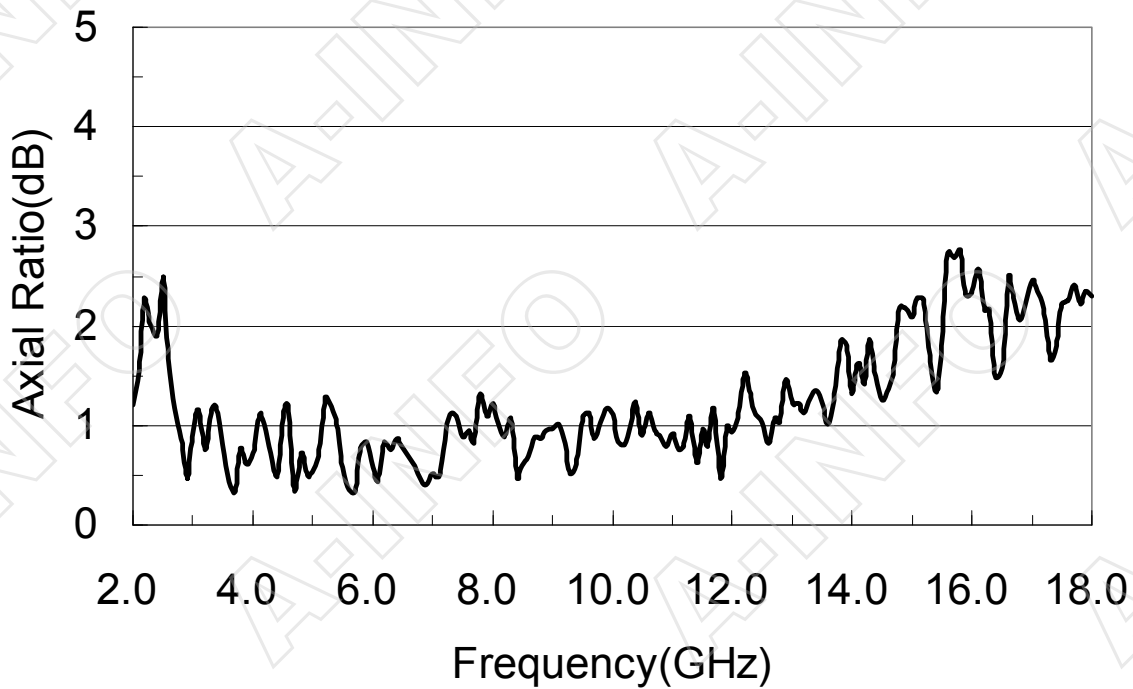


Test Results

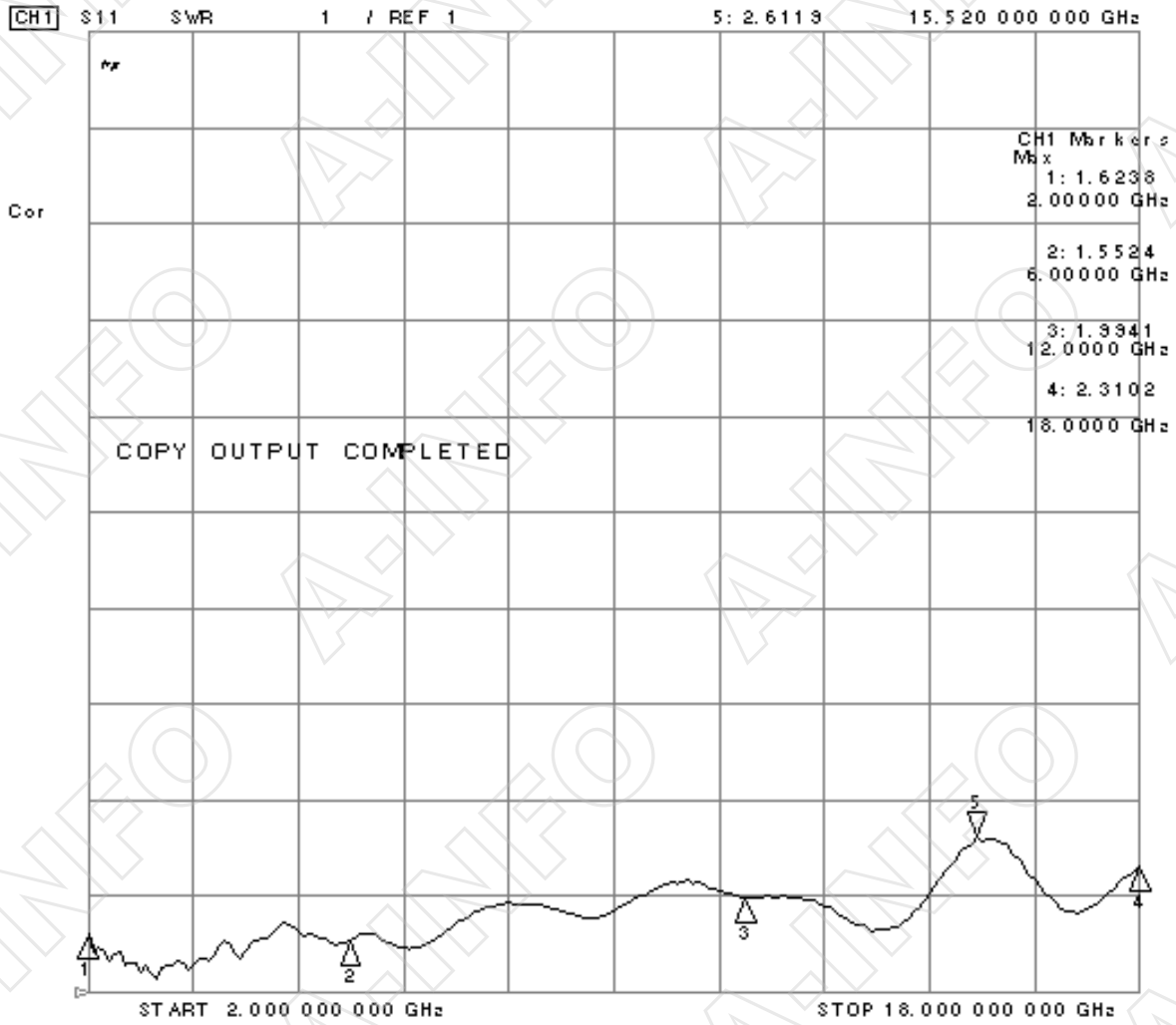
1. Gain



2. Axial Ratio

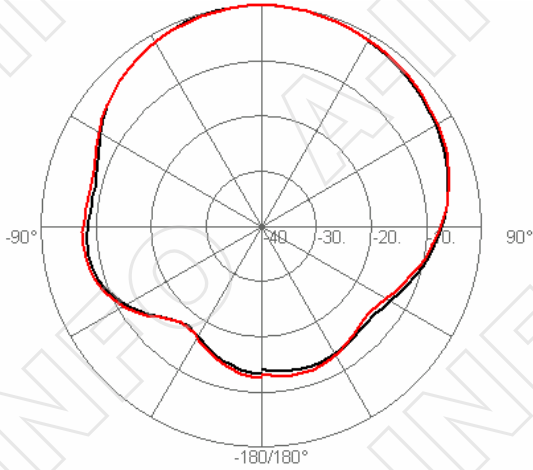


3. VSWR



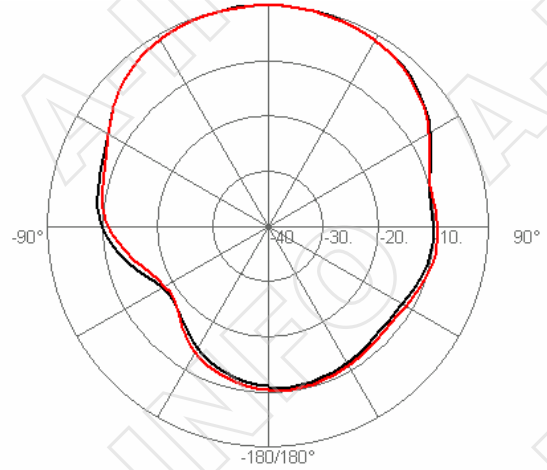
4. Pattern

Frequency: 2GHz



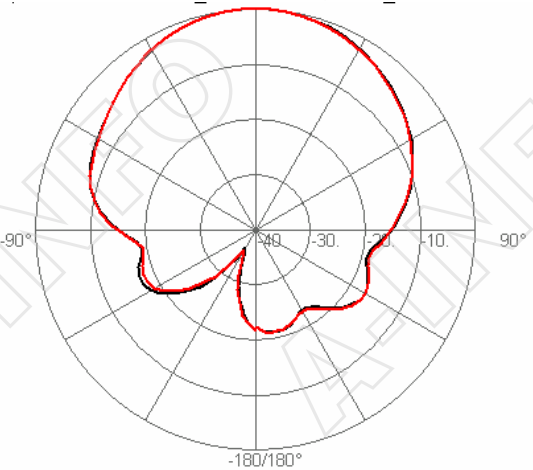
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 82.84 3dB Beamwidth(deg): 82.55

Frequency: 2.5GHz



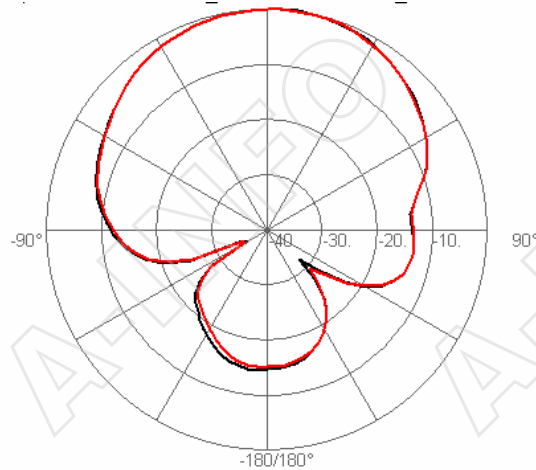
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 89.71 3dB Beamwidth(deg): 90.73

Frequency: 3.0GHz



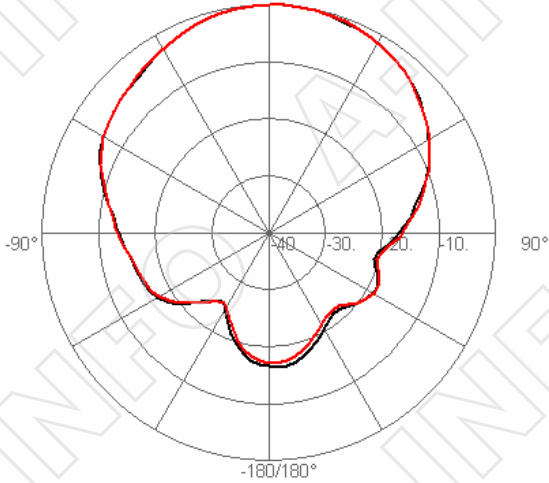
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 69.41 3dB Beamwidth(deg): 70.16

Frequency: 3.5GHz



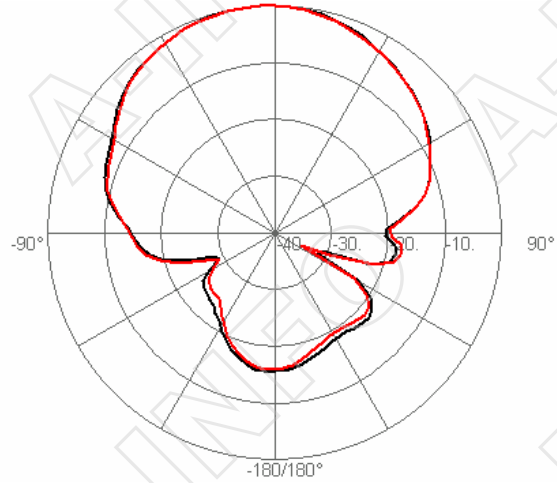
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 81.15 3dB Beamwidth(deg): 81.89

Frequency: 4.0GHz



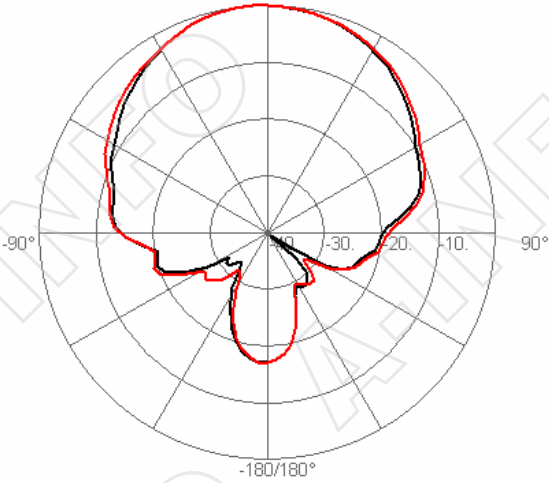
H-Plane — E-Plane —
3dB Beamwidth(deg): 71.59 3dB Beamwidth(deg): 70.52

Frequency: 4.5GHz



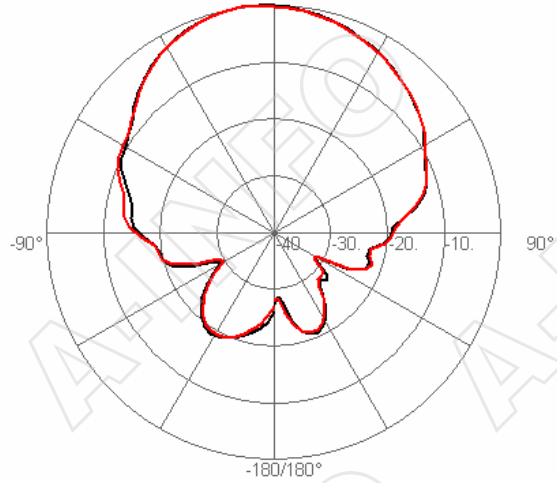
H-Plane — E-Plane —
3dB Beamwidth(deg): 70.57 3dB Beamwidth(deg): 71.79

Frequency: 5.0GHz



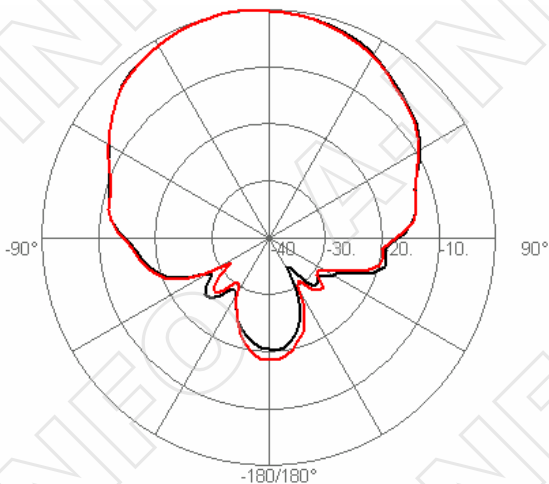
H-Plane — E-Plane —
3dB Beamwidth(deg): 64.32 3dB Beamwidth(deg): 60.70

Frequency: 5.5GHz



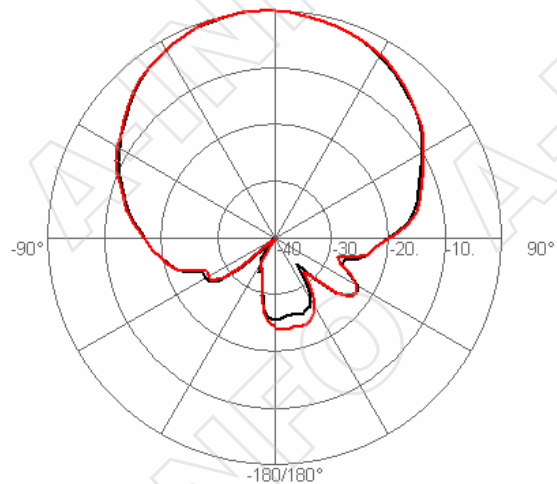
H-Plane — E-Plane —
3dB Beamwidth(deg): 59.59 3dB Beamwidth(deg): 62.00

Frequency: 6.0GHz



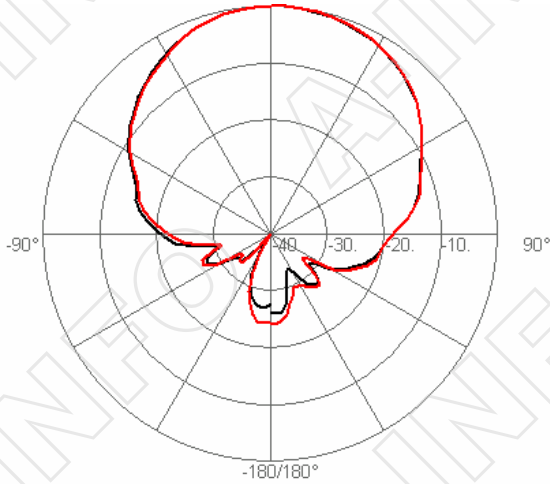
H-Plane — E-Plane —
3dB Beamwidth(deg): 71.97 3dB Beamwidth(deg): 73.94

Frequency: 6.5GHz



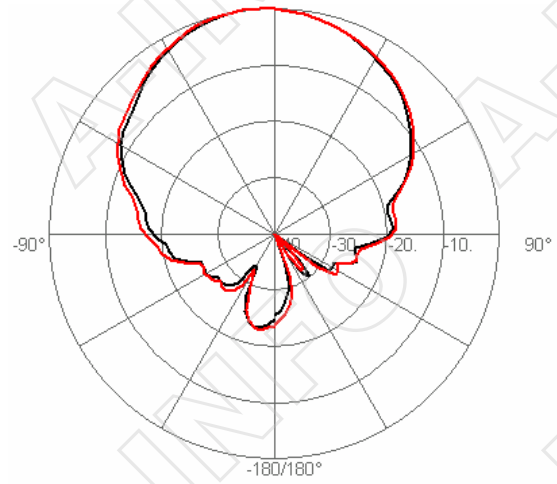
H-Plane — E-Plane —
3dB Beamwidth(deg): 68.39 3dB Beamwidth(deg): 67.16

Frequency: 7.0GHz



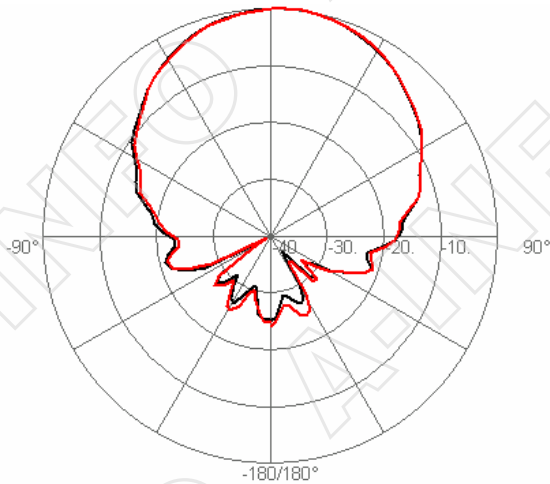
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 63.49 3dB Beamwidth(deg): 64.07

Frequency: 7.5GHz



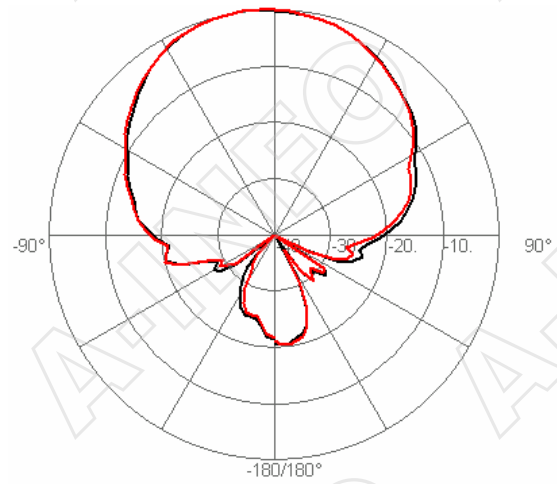
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 60.42 3dB Beamwidth(deg): 57.53

Frequency: 8.0GHz



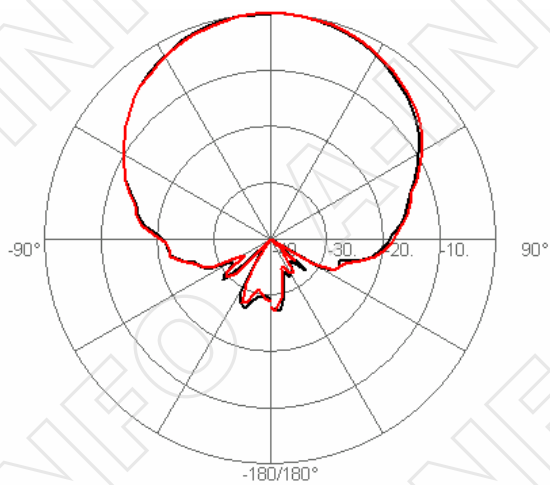
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 58.81 3dB Beamwidth(deg): 58.13

Frequency: 8.5GHz



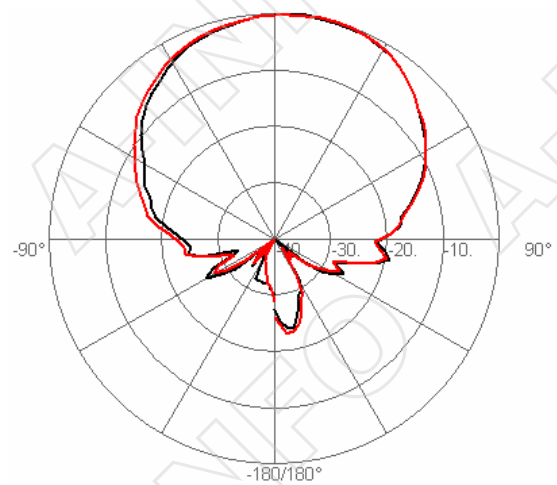
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 61.30 3dB Beamwidth(deg): 62.14

Frequency: 9.0GHz



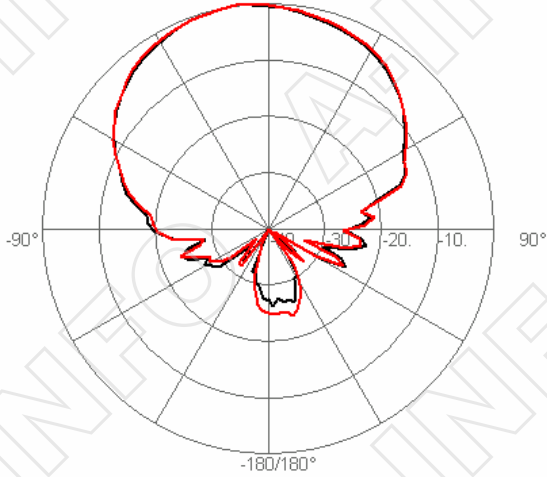
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 66.16 3dB Beamwidth(deg): 65.33

Frequency: 9.5GHz



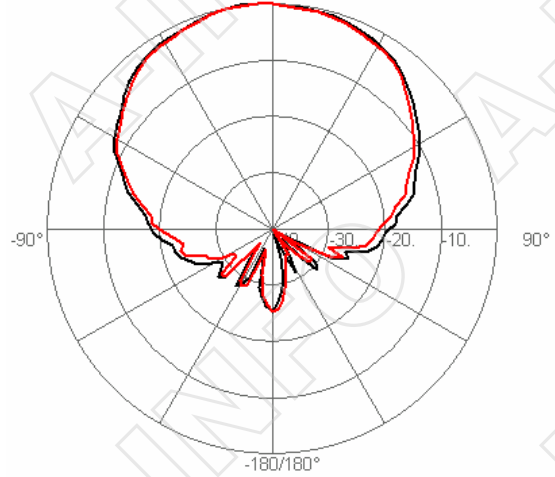
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 67.80 3dB Beamwidth(deg): 64.89

Frequency: 10.0GHz



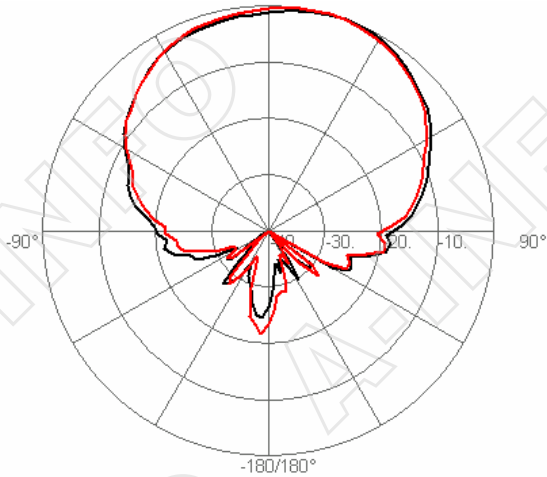
H-Plane — E-Plane —
3dB Beamwidth(deg): 68.61 3dB Beamwidth(deg): 64.09

Frequency: 10.5GHz



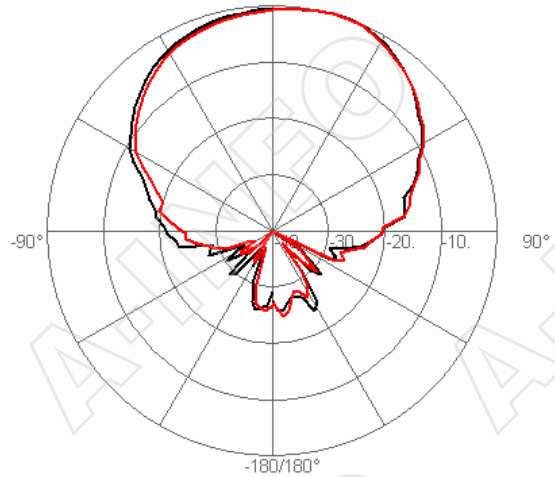
H-Plane — E-Plane —
3dB Beamwidth(deg): 72.80 3dB Beamwidth(deg): 76.66

Frequency: 11.0GHz



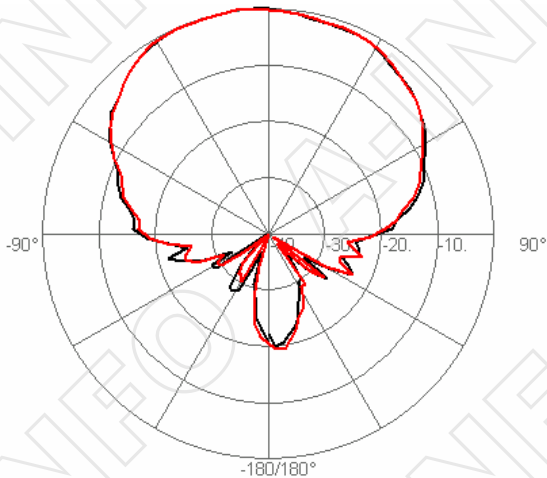
H-Plane — E-Plane —
3dB Beamwidth(deg): 70.96 3dB Beamwidth(deg): 72.06

Frequency: 11.5GHz



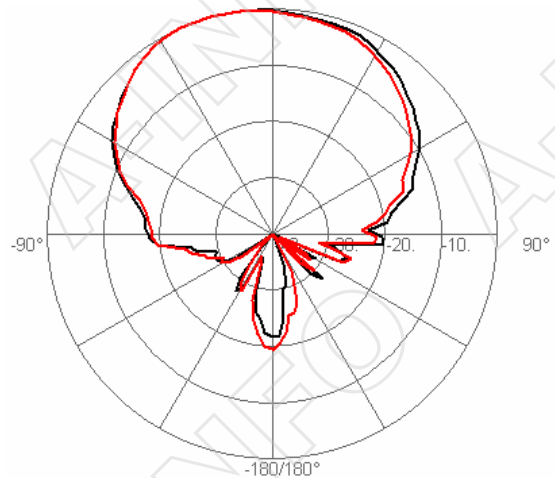
H-Plane — E-Plane —
3dB Beamwidth(deg): 64.22 3dB Beamwidth(deg): 68.31

Frequency: 12.0GHz



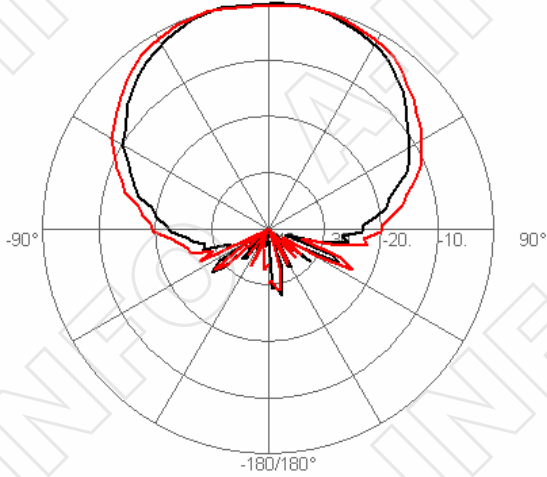
H-Plane — E-Plane —
3dB Beamwidth(deg): 80.10 3dB Beamwidth(deg): 79.37

Frequency: 12.5GHz



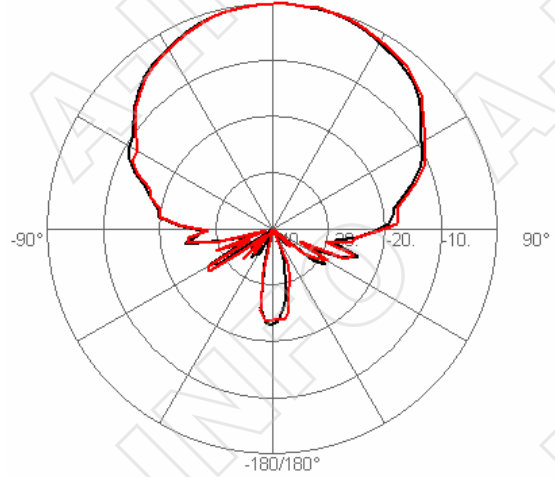
H-Plane — E-Plane —
3dB Beamwidth(deg): 71.02 3dB Beamwidth(deg): 75.89

Frequency: 13.0GHz



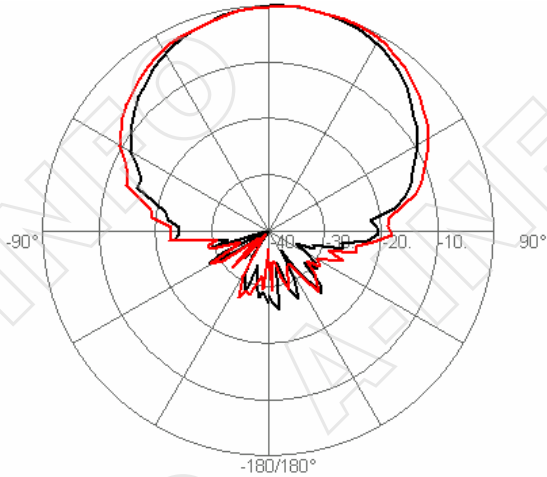
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 79.78 3dB Beamwidth(deg): 67.76

Frequency: 13.5GHz



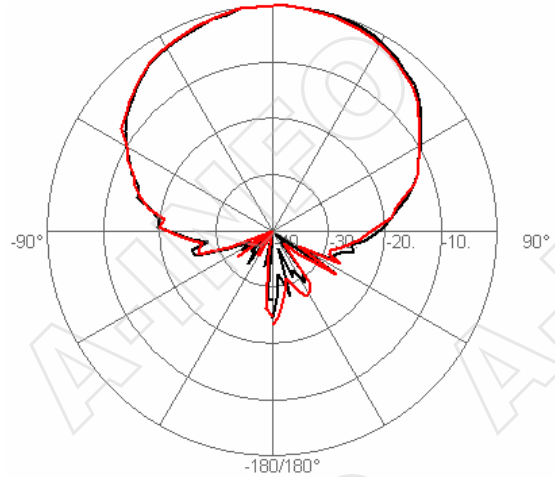
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 70.45 3dB Beamwidth(deg): 67.93

Frequency: 14.0GHz



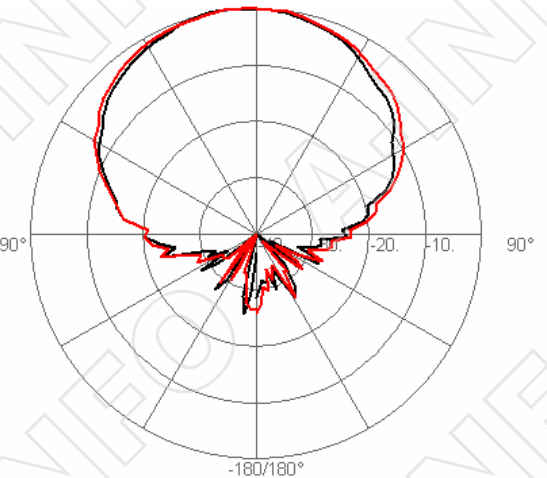
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 73.45 3dB Beamwidth(deg): 63.46

Frequency: 14.5GHz



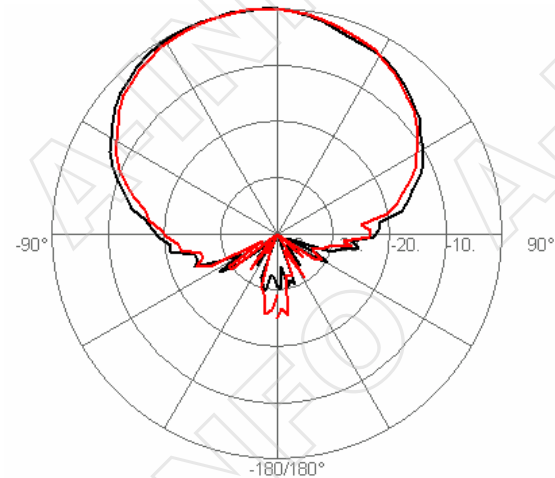
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 72.27 3dB Beamwidth(deg): 73.82

Frequency: 15.0GHz



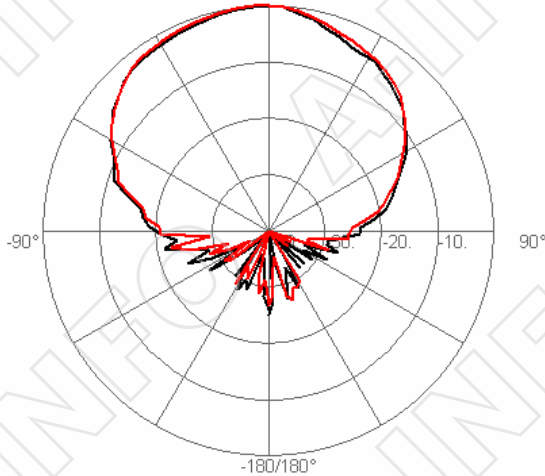
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 73.32 3dB Beamwidth(deg): 66.29

Frequency: 15.5GHz



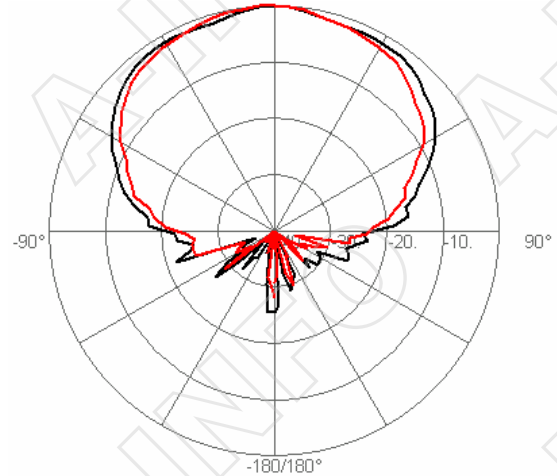
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 73.72 3dB Beamwidth(deg): 73.10

Frequency: 16.0GHz



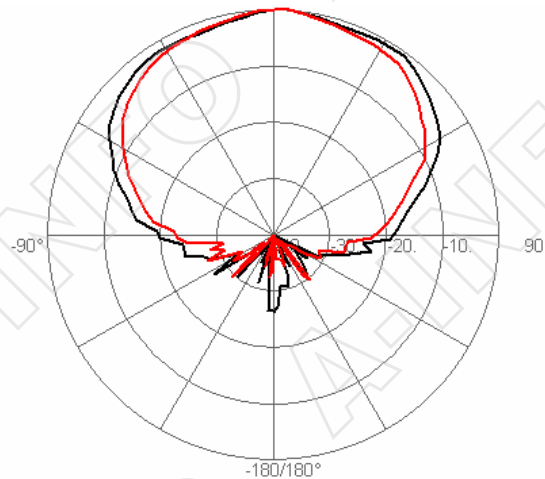
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 65.15 3dB Beamwidth(deg): 60.03

Frequency: 16.5GHz



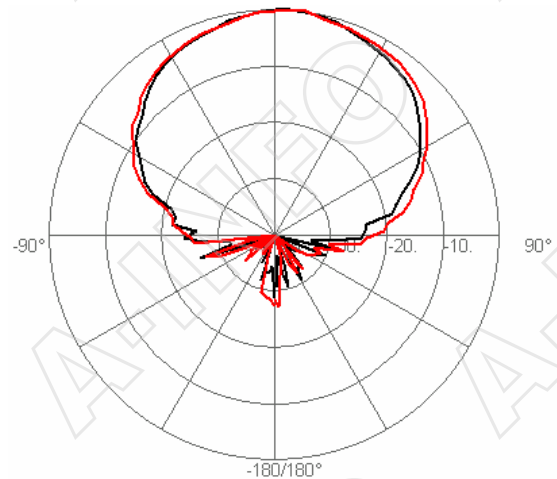
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 75.19 3dB Beamwidth(deg): 91.13

Frequency: 17.0GHz



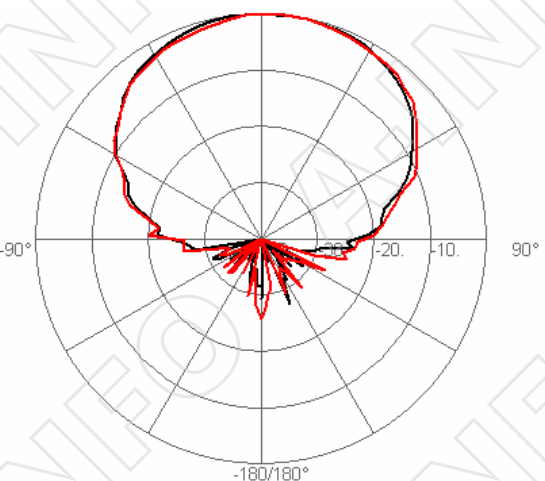
H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 75.54 3dB Beamwidth(deg): 93.77

Frequency: 17.5GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 68.28 3dB Beamwidth(deg): 58.97

Frequency: 18.0GHz



H-Plane ——— E-Plane ———
3dB Beamwidth(deg): 75.58 3dB Beamwidth(deg): 75.22