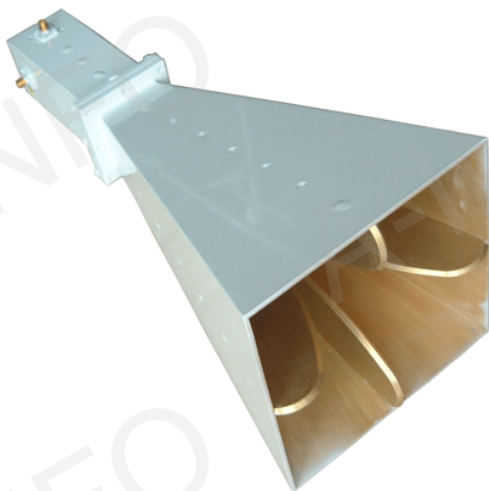




Test report is for reference only.

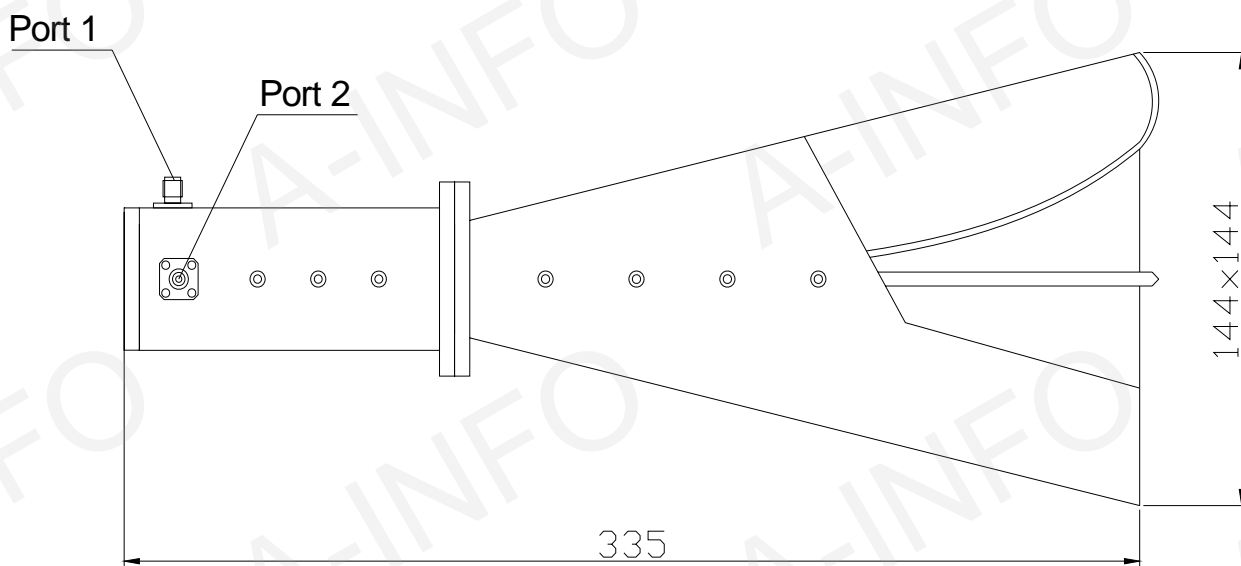
TEST REPORT
For
LB-SJ-2060-15



Technical Specification

Frequency Range(GHz)	2-6
Polarization	Dual Polarization
VSWR	3.0 :1 max
Gain(dBi)	8-18
3dB Beamwidth(°)	80-30
Cross Isolation(dB)	18 min
Power Handling(W)	10 CW
Connector	SMA -Female
Operating Temperature(°C)	-40 ~ +70
Size(mm)	144 x 144 x 335 approx.
Net Weight(Kg)	1.21 Around

Outline Drawing (Size: mm)



Test Results

1. Gain & Beamwidth

Port-1

Frequency(GHz)	Gain(dBi)	H Beamwidth(°)	E Beamwidth(°)
2	9.5	70.8	64.6
3	10.2	53.2	57.2
4	11.3	33.6	40.9
5	10.4	32.7	39.1
6	12.1	35.1	32.1

Port-2

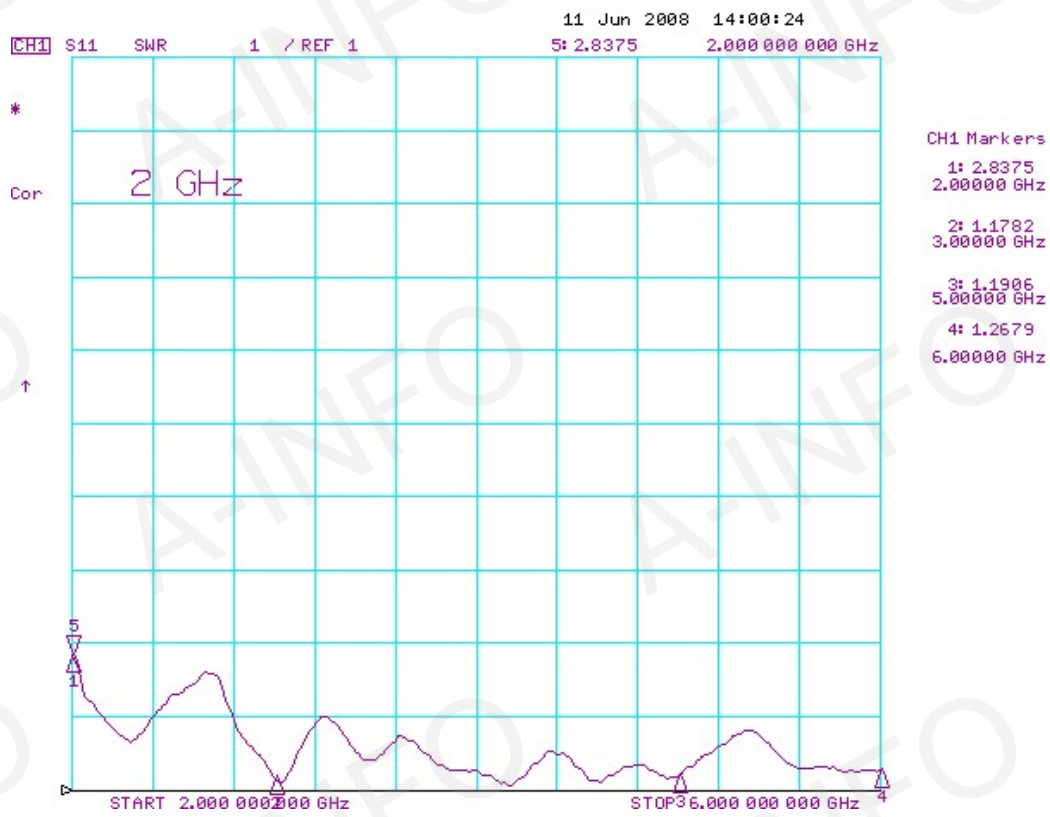
Frequency(GHz)	Gain(dBi)	H Beamwidth(°)	E Beamwidth(°)
2	9.6	69.1	49.2
3	10.3	57.5	55.5
4	12.3	34.9	38
5	10.4	32.1	41.9
6	11.6	28.5	30

2. VSWR

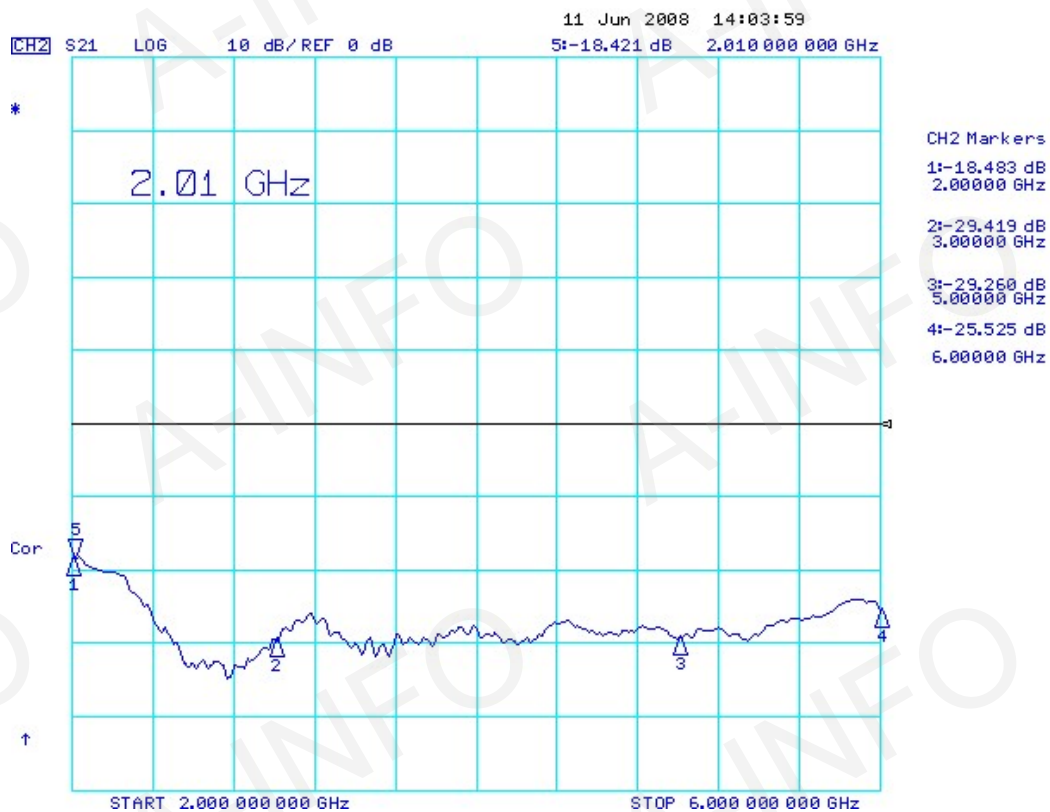
Port-1



Port-2



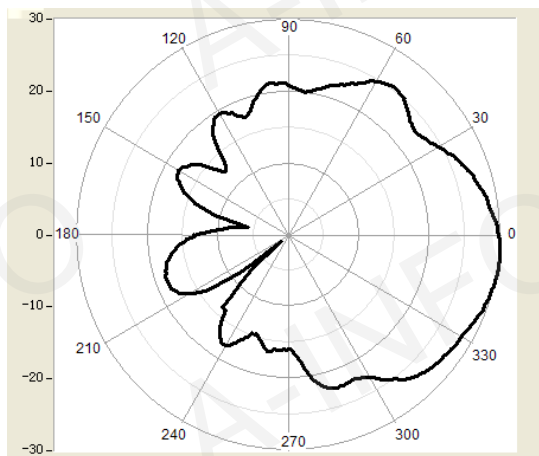
3. Isolation



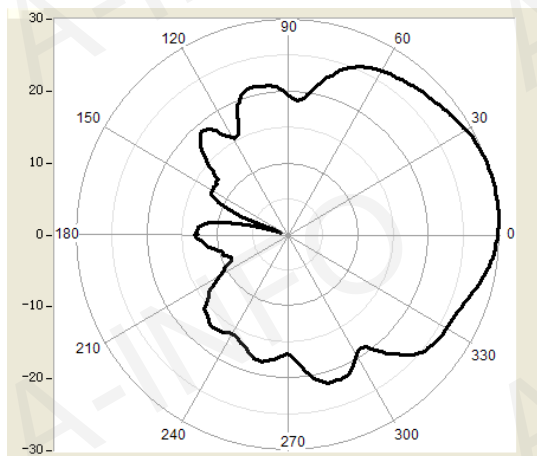
4. Pattern
Port-1

Frequency: 2GHz

E Plane

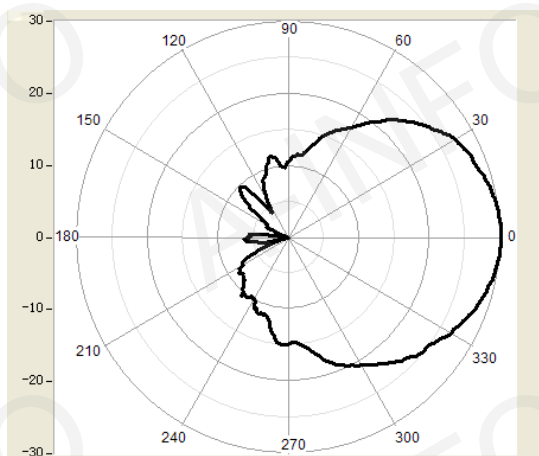


H Plane

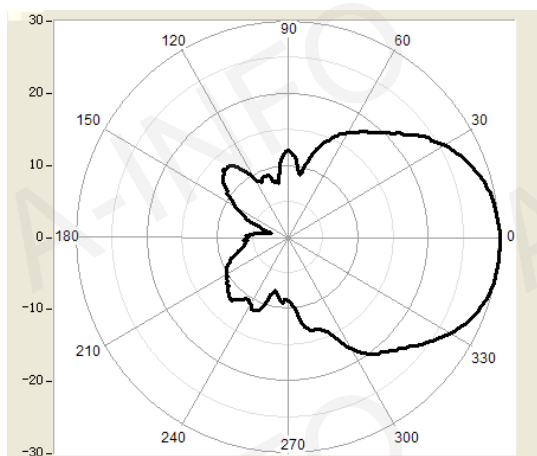


Frequency: 3GHz

E Plane

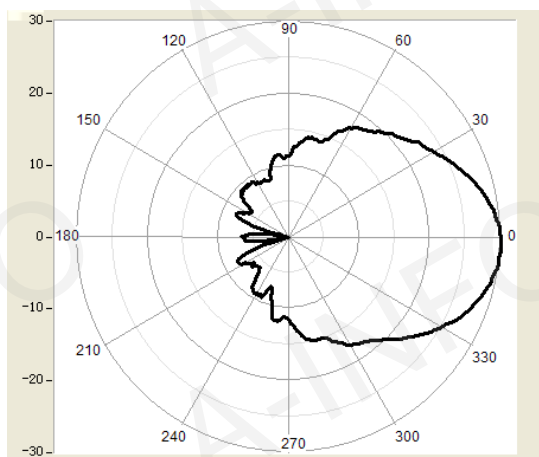


H Plane

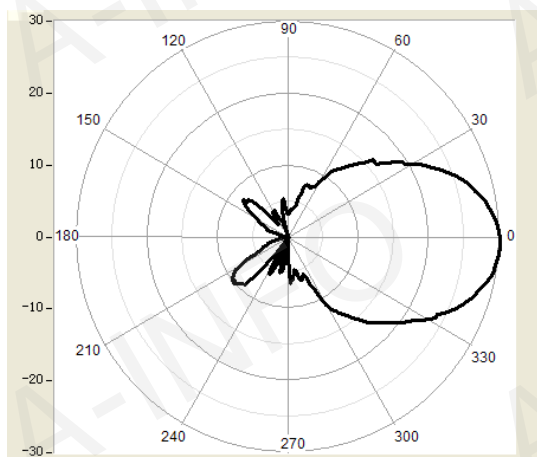


Frequency: 4GHz

E Plane

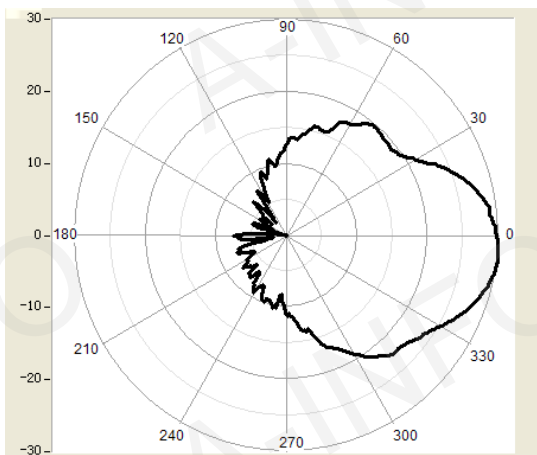


H Plane

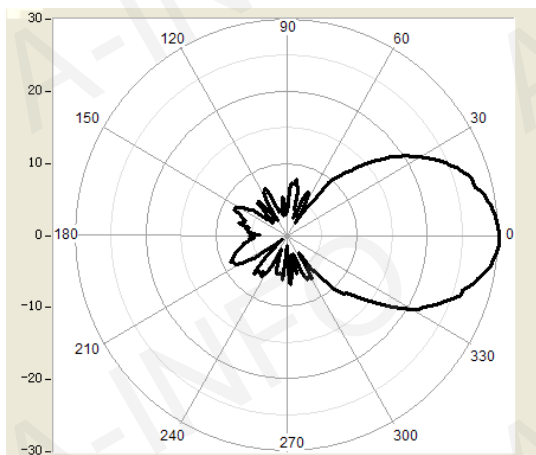


Frequency: 5GHz

E Plane

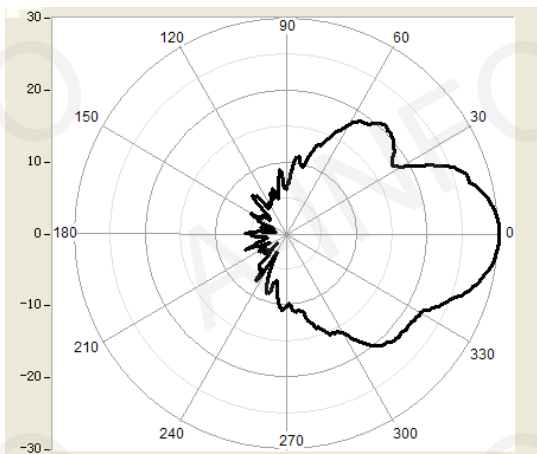


H Plane

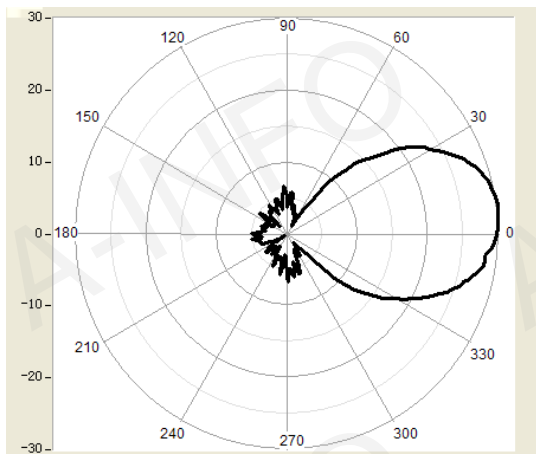


Frequency: 6GHz

E Plane



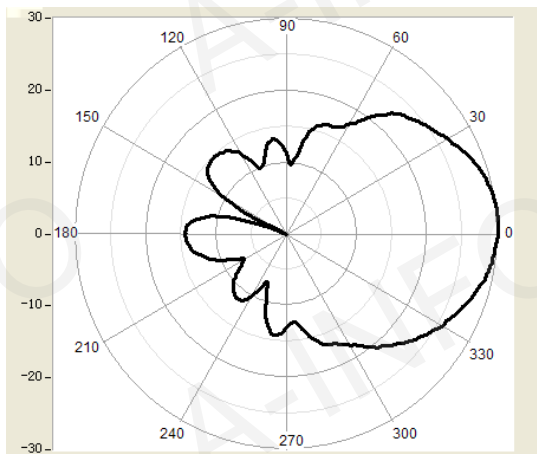
H Plane



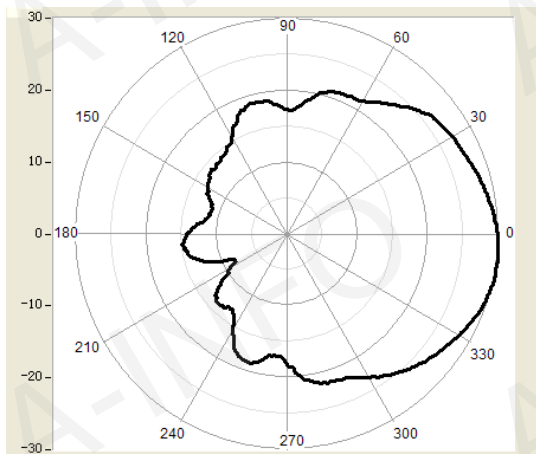
Port-2

Frequency: 2GHz

E Plane

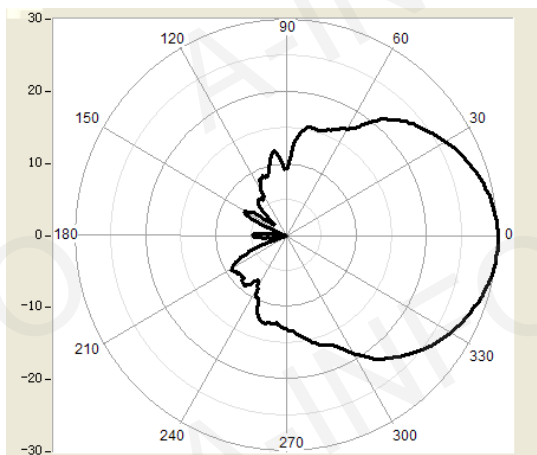


H Plane

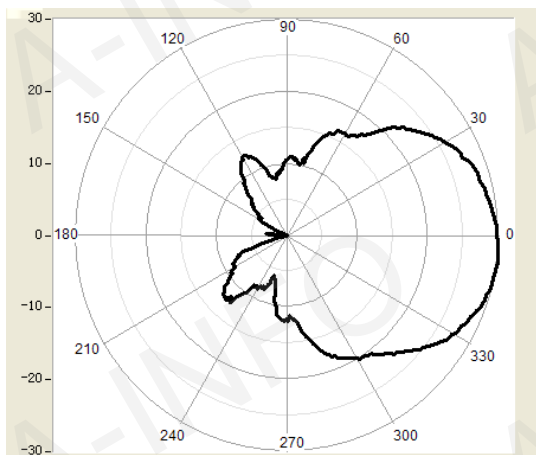


Frequency: 3GHz

E Plane

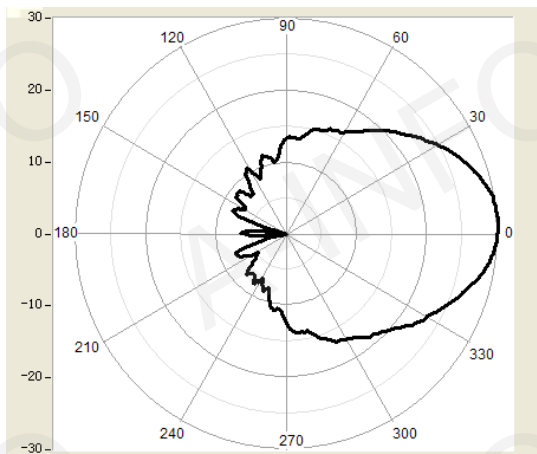


H Plane

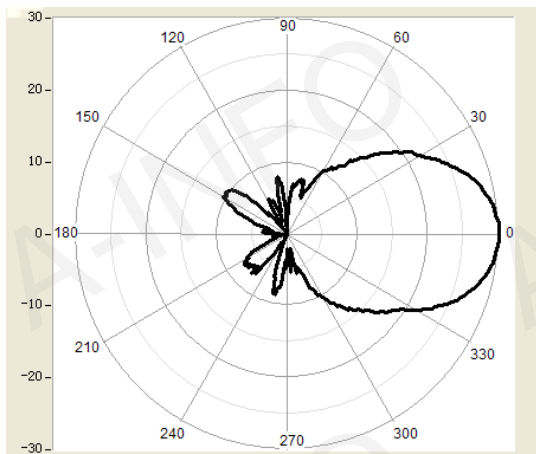


Frequency: 4GHz

E Plane

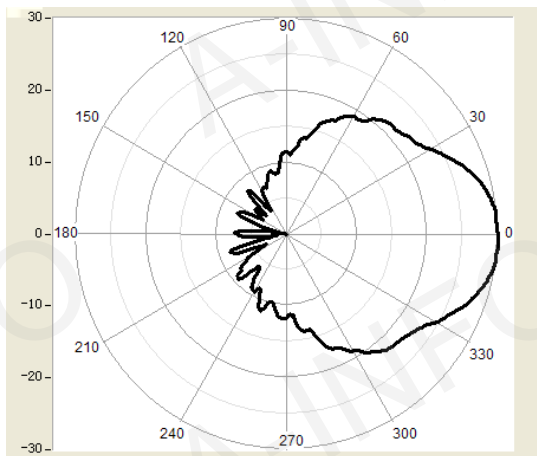


H Plane

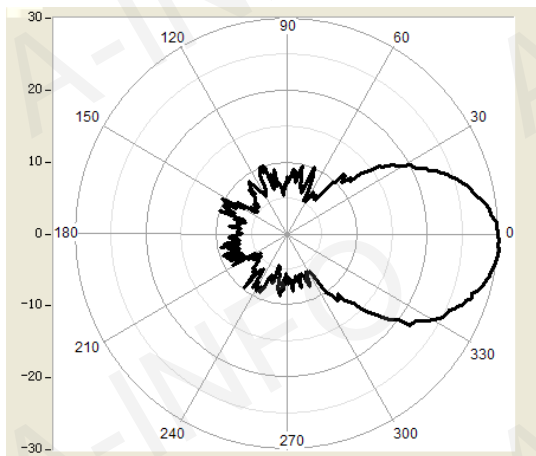


Frequency: 5GHz

E Plane

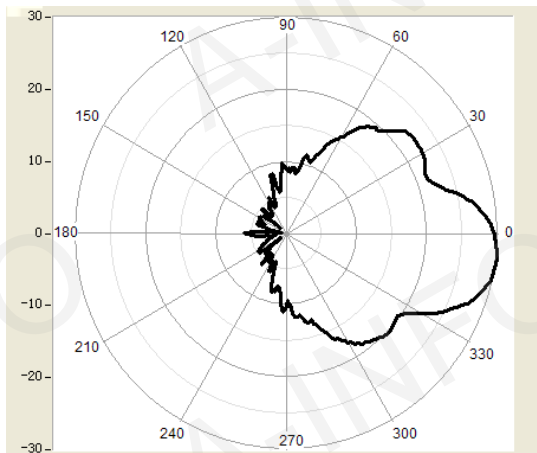


H Plane



Frequency: 6GHz

E Plane



H Plane

