

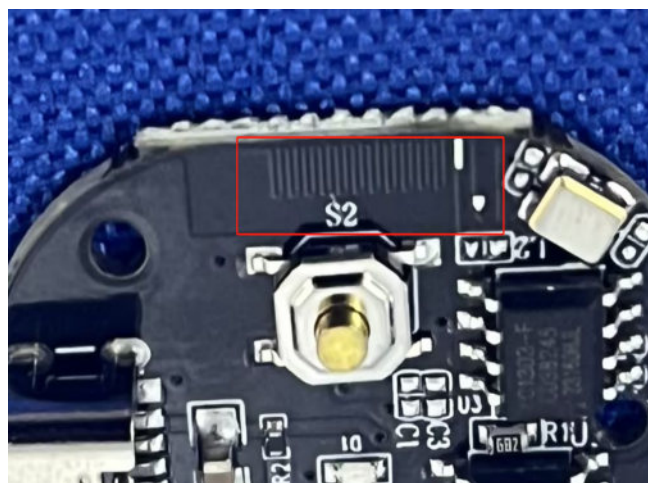
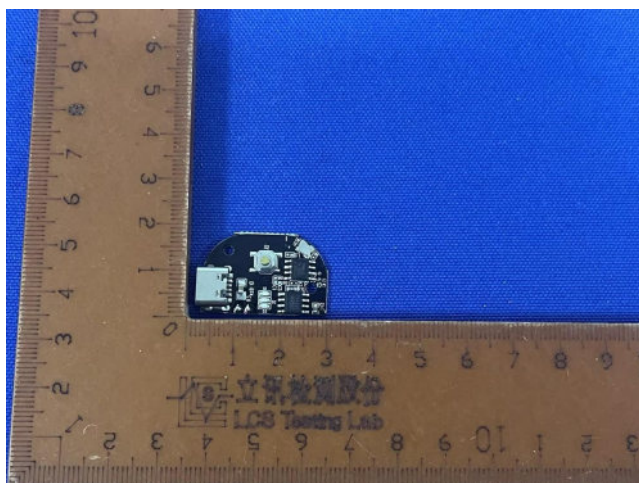
2.4 GHz PCB antenna Specification

Shenzhen Neewer Technology Co., Ltd

1 KEYWORDS

- RA005E-ANT1
- 2.4 GHz
- PCB Antenna

2 Size



3 Testing Conditions

Antenna Electrical Characteristics

Parameters	Value
Frequency Range	2400~2480MHz
Band Width	120MHz
VSWR	<2.0
Impedence	50 ohm
Max Gain	0dBi
Polarization	Single
Azimuth	Omni-directional

Product Testing Conditions

Parameters	Value
Working Temp	-30°C ~ +60°C

Antenna 2D patterns

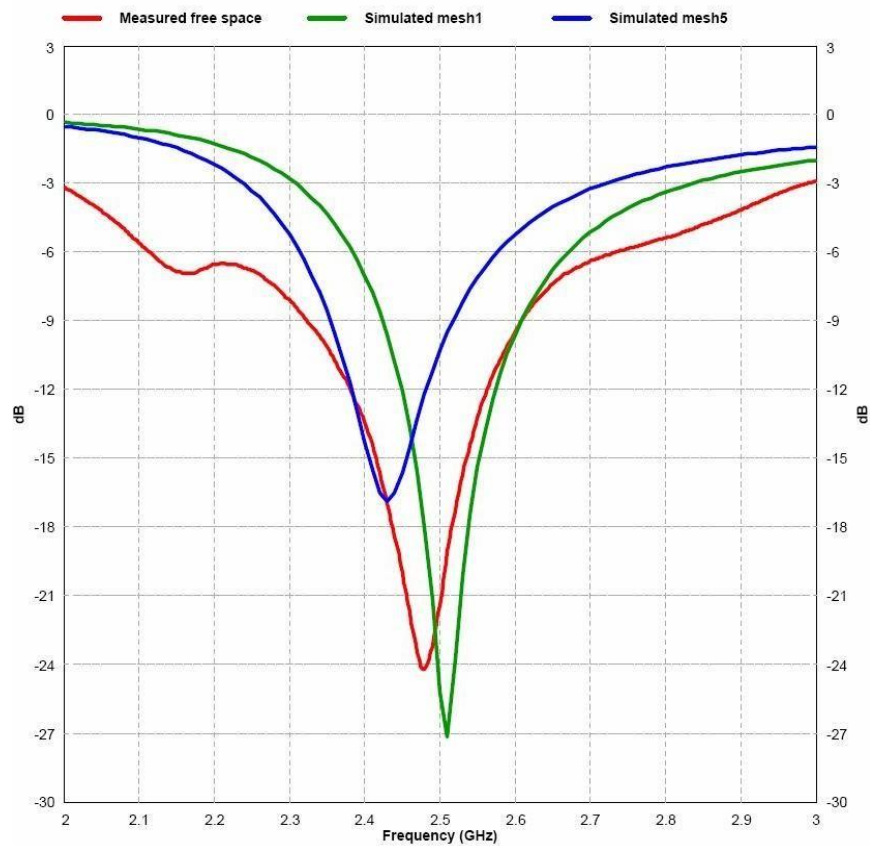


Figure : Comparison of Simulation and Measurements Results

Antenna 3D patterns

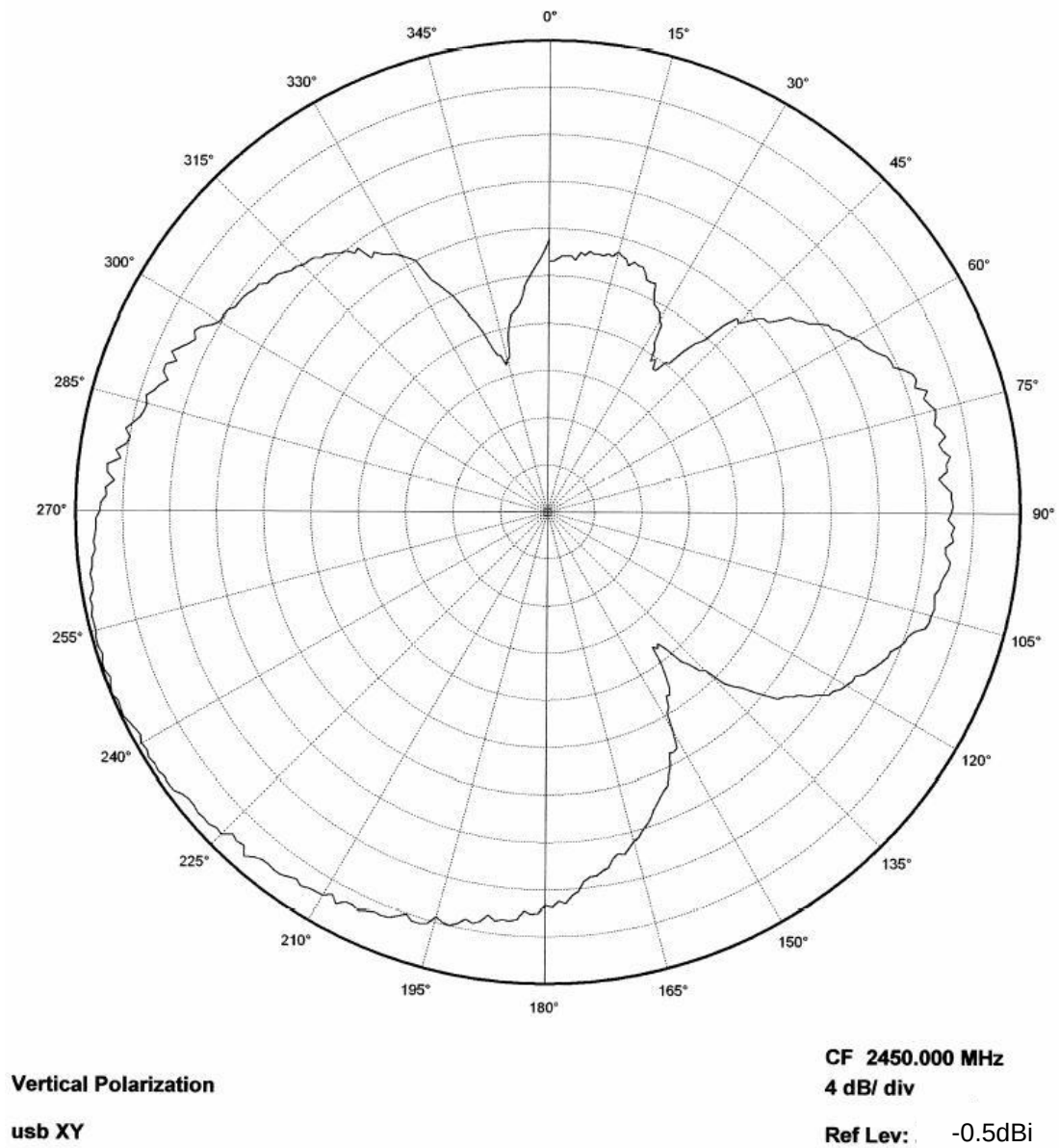


Figure : XY Plane

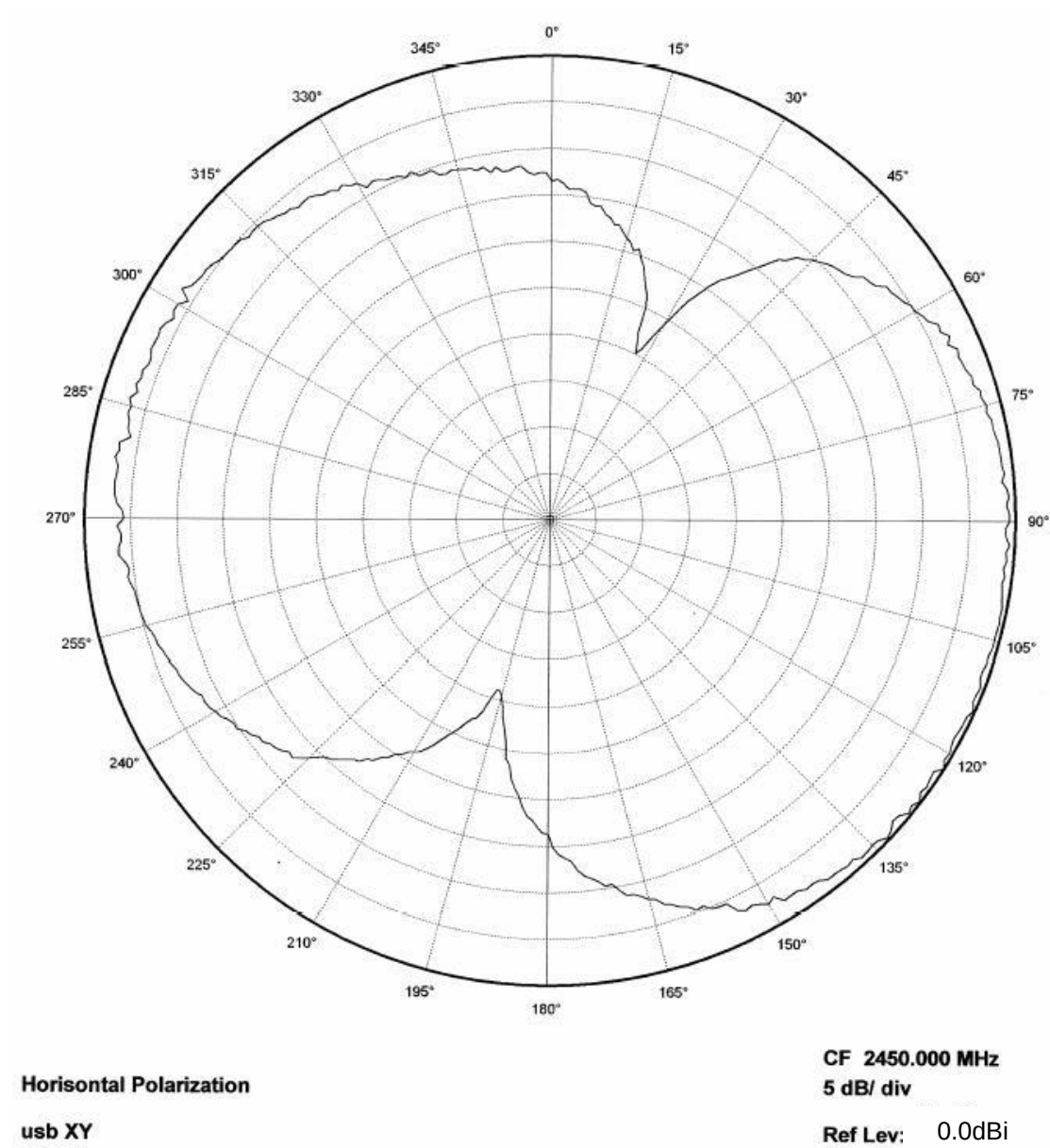


Figure :XY Plane

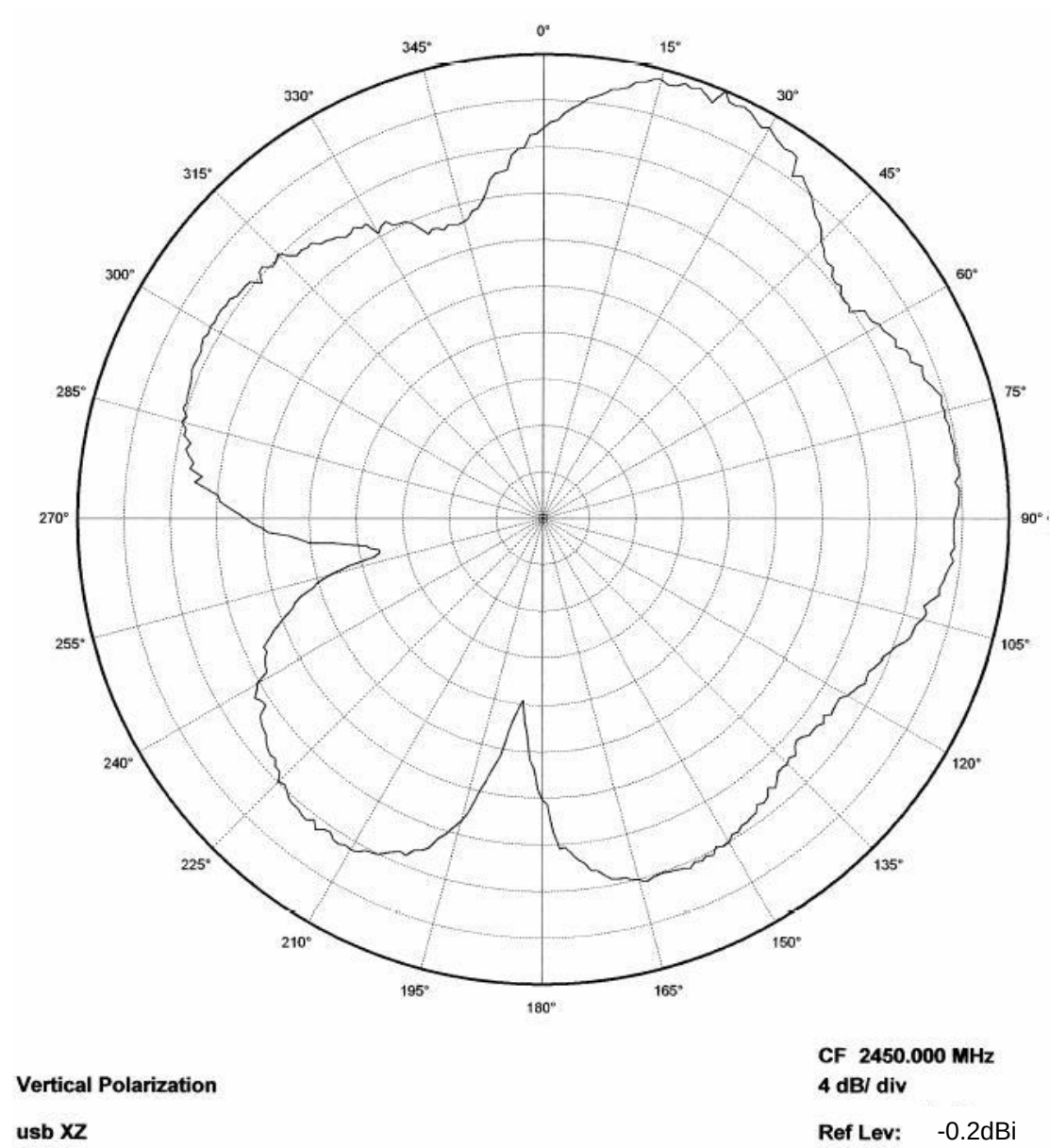


Figure : XZ Plane

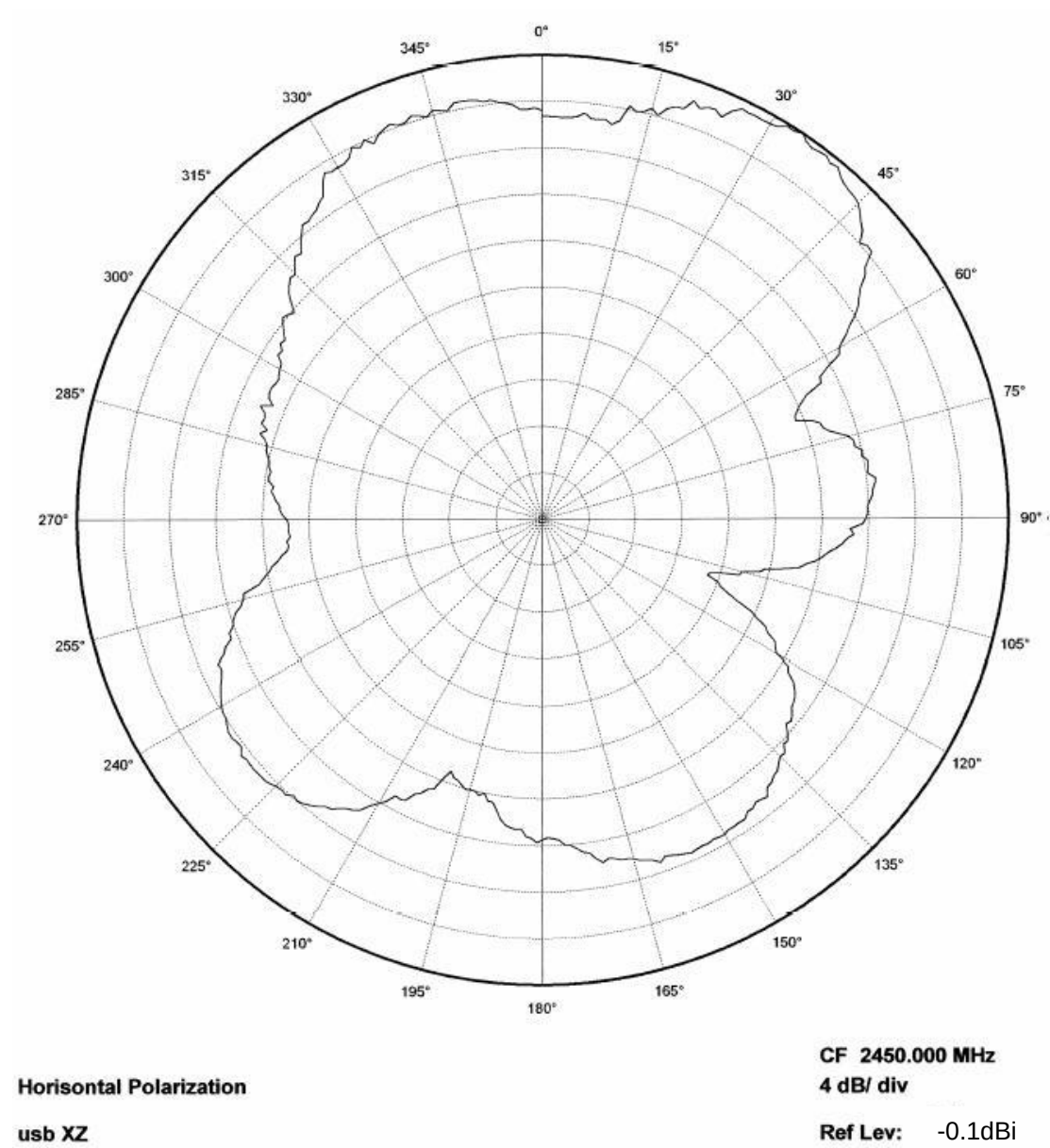
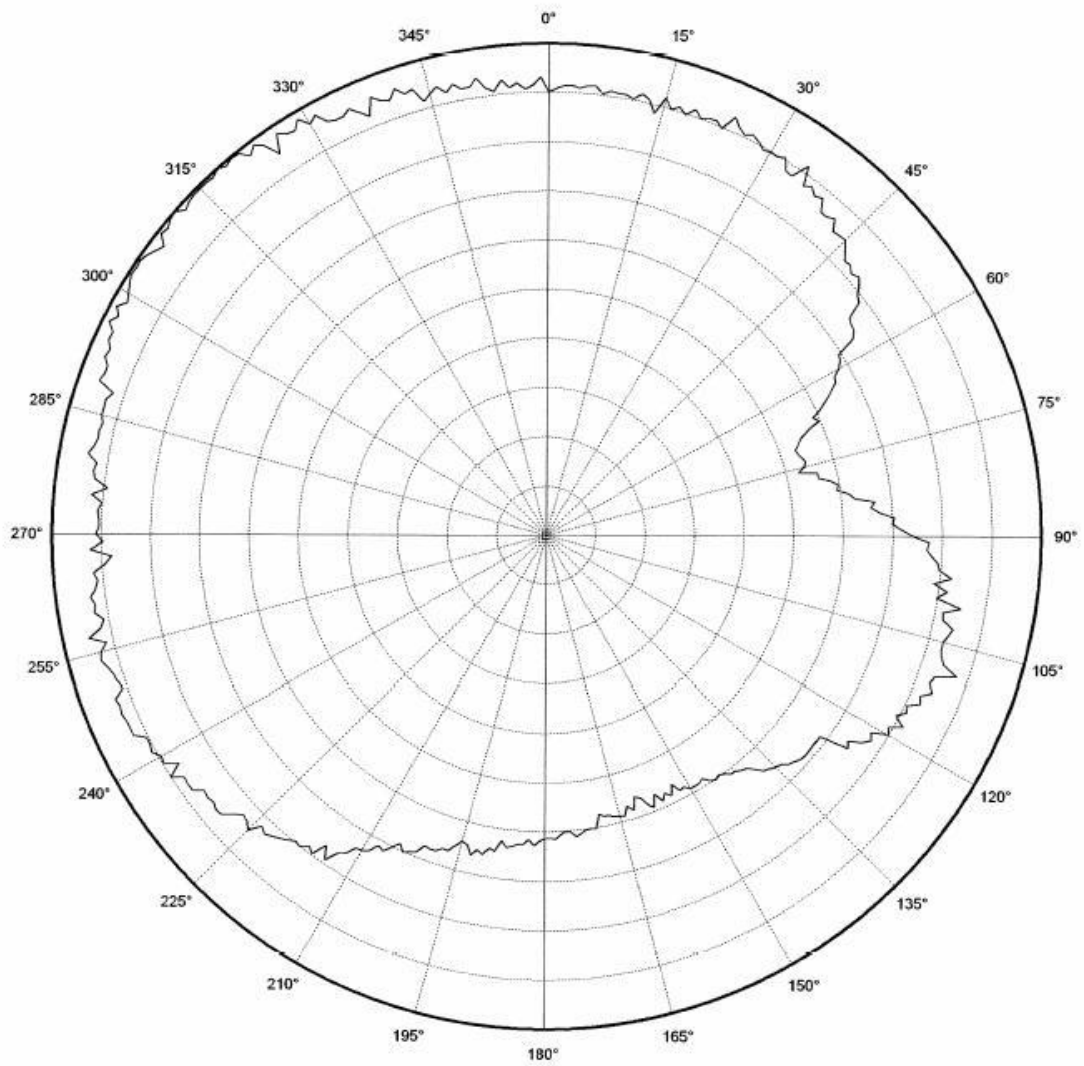


Figure : XZ Plane



Vertical Polarization

usb YZ

CF 2450.000 MHz

2 dB/ div

Ref Lev: -0.1dBi

Figure : YZ Plane

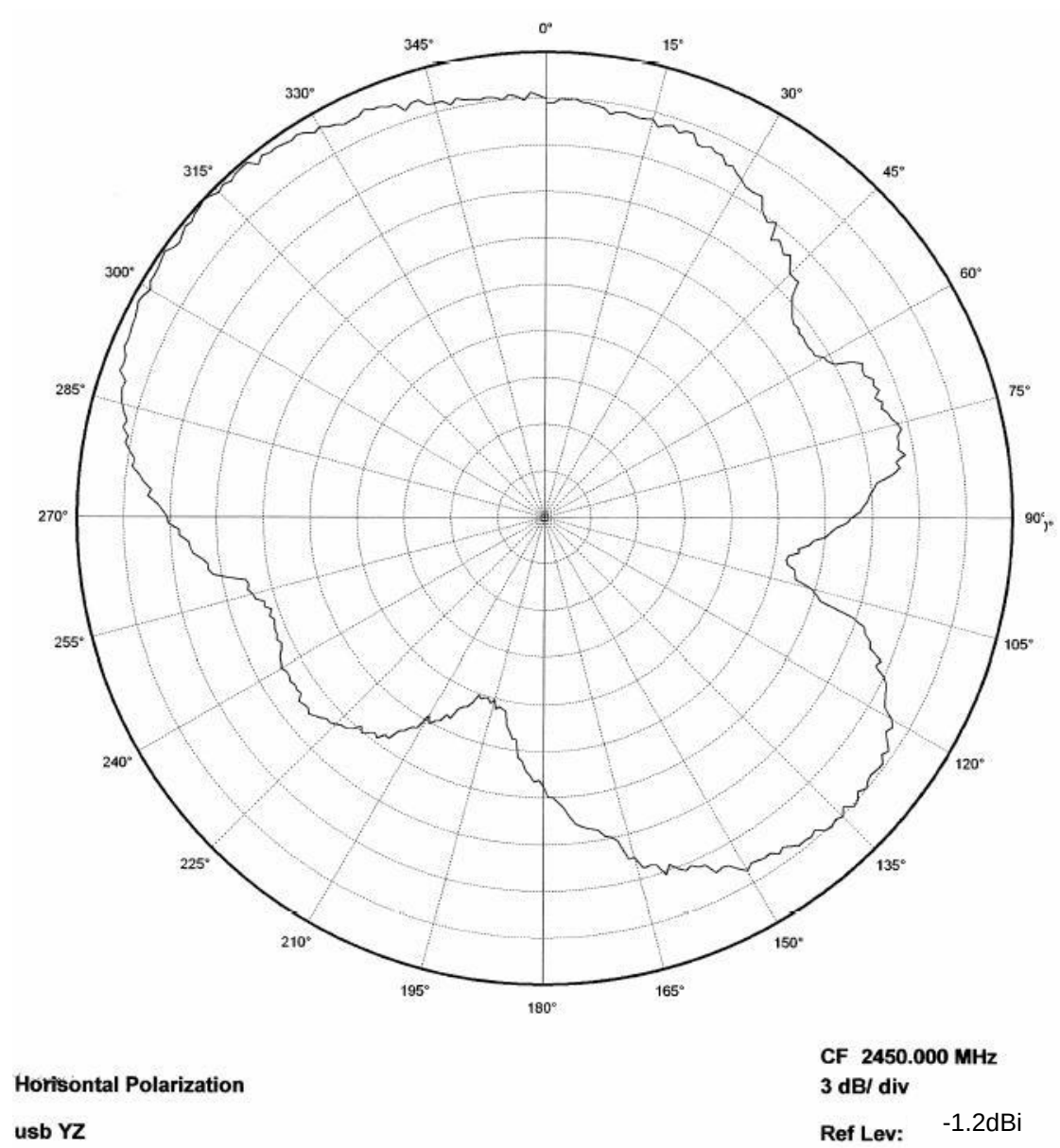


Figure YZ Plane

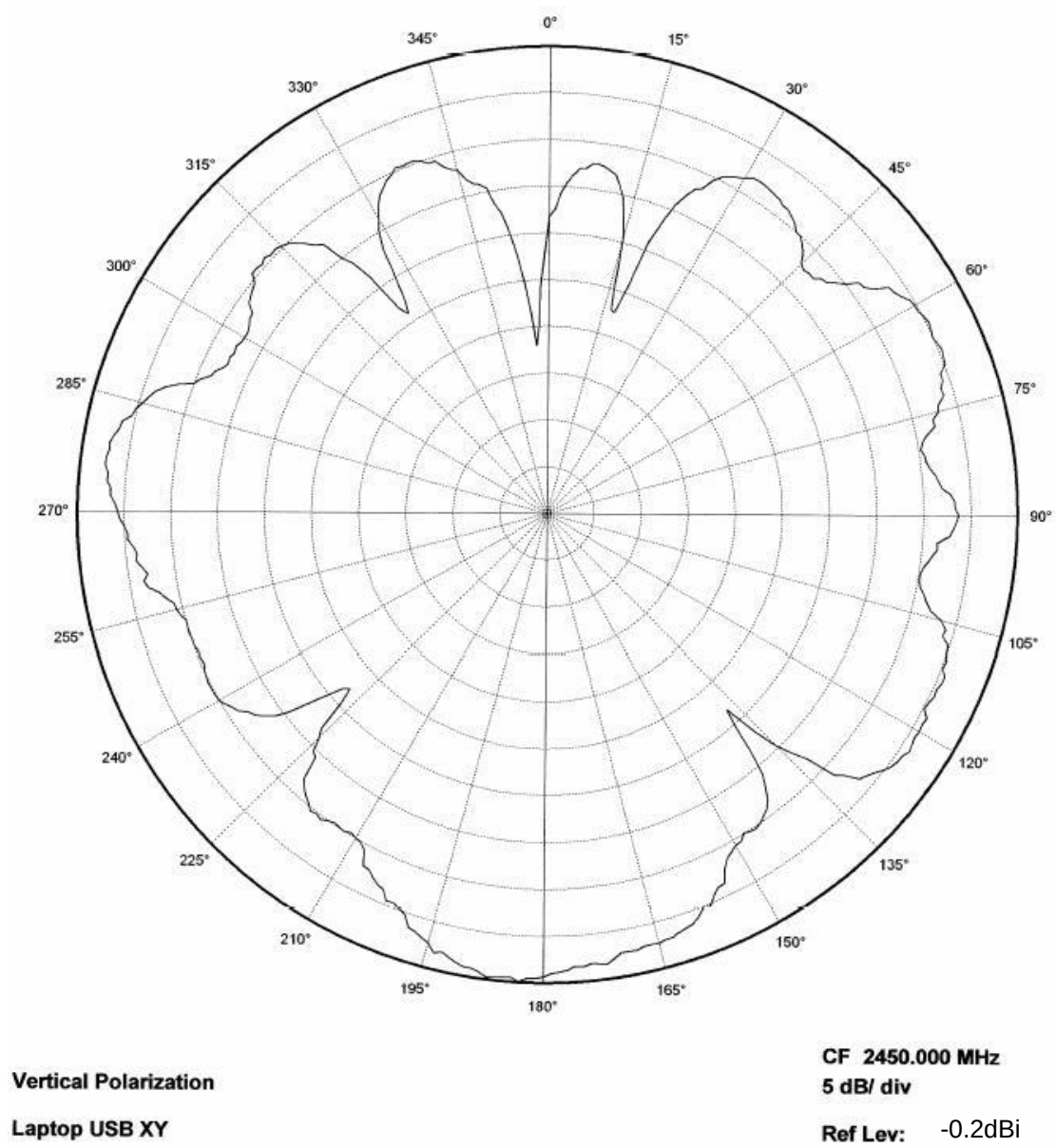


Figure: Laptop XY Plane

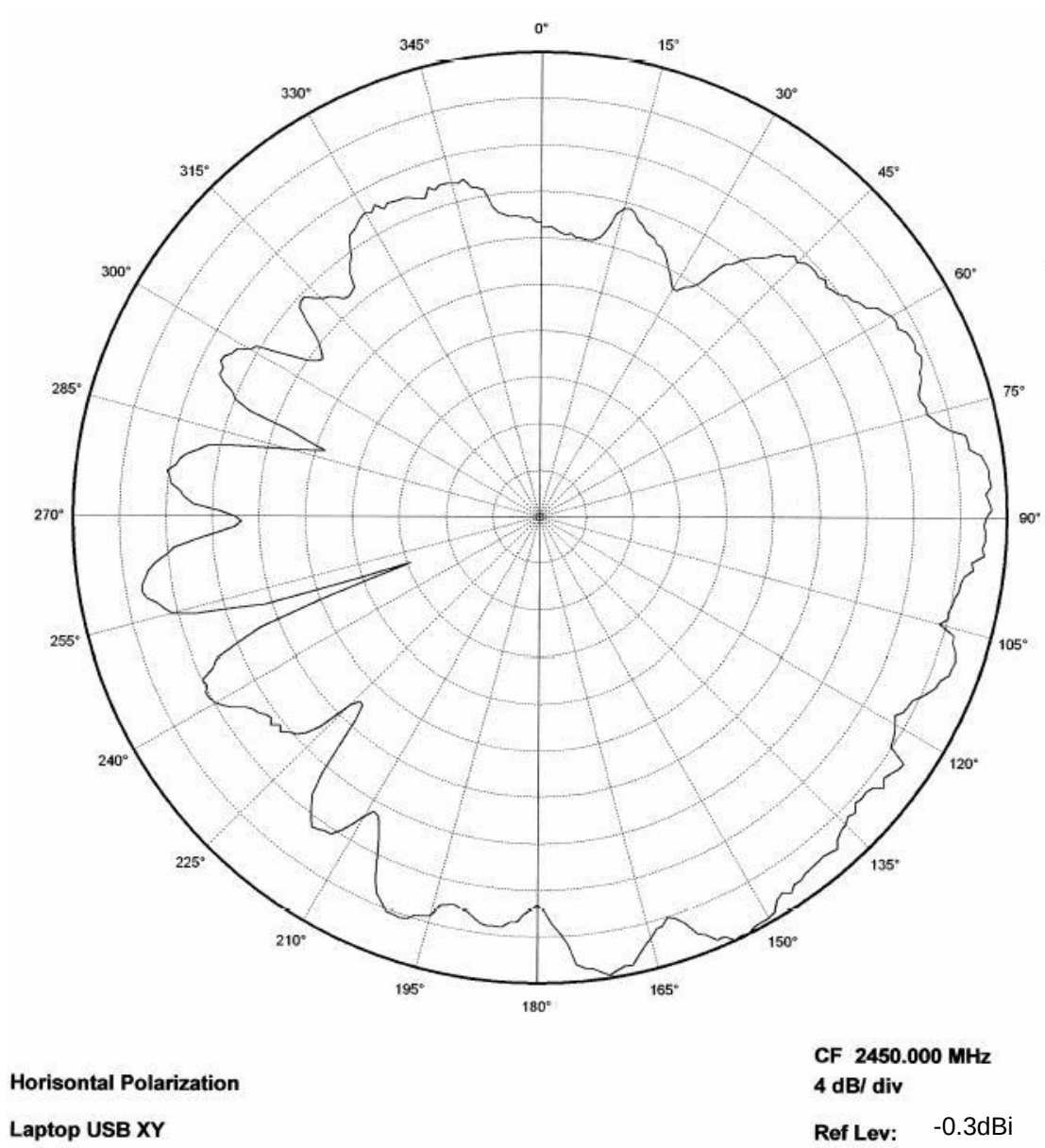


Figure: Laptop XY