

PCB Antenna Specification

Revision History: 2025.9.1

Rev.A0

1. MODEL No.: V-BIKE ANT

2. Applications

This antenna is designed for Bluetooth.

3. Electrical Characteristics

Frequency Band: 2400MHz ~ 2500MHz

Polarization *Gain :

Max peak gain: 0 dBi

Impedance: 50Ω

Material: Copper foil

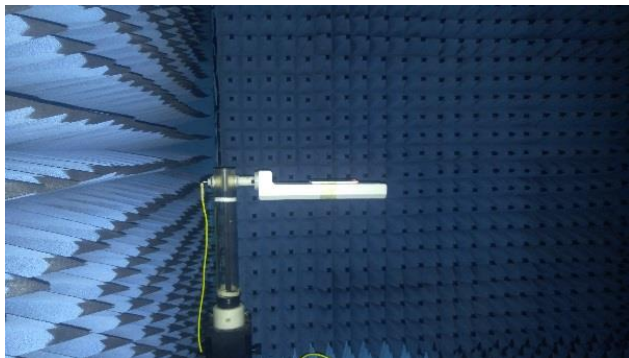
Prepared	Checked	Approved
Eric Han	Guojintao	Zenghongqiao

4. Chamber System Info.

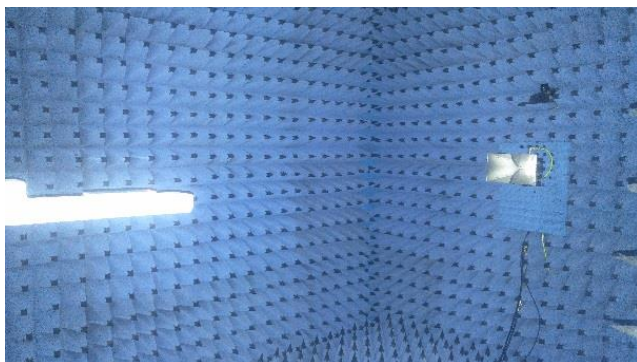
Chamber System: KSS Compact Chamber



[Fig.1] Shield Box



[Fig.2] DUT JIG(Quiet Zone 20Cm)

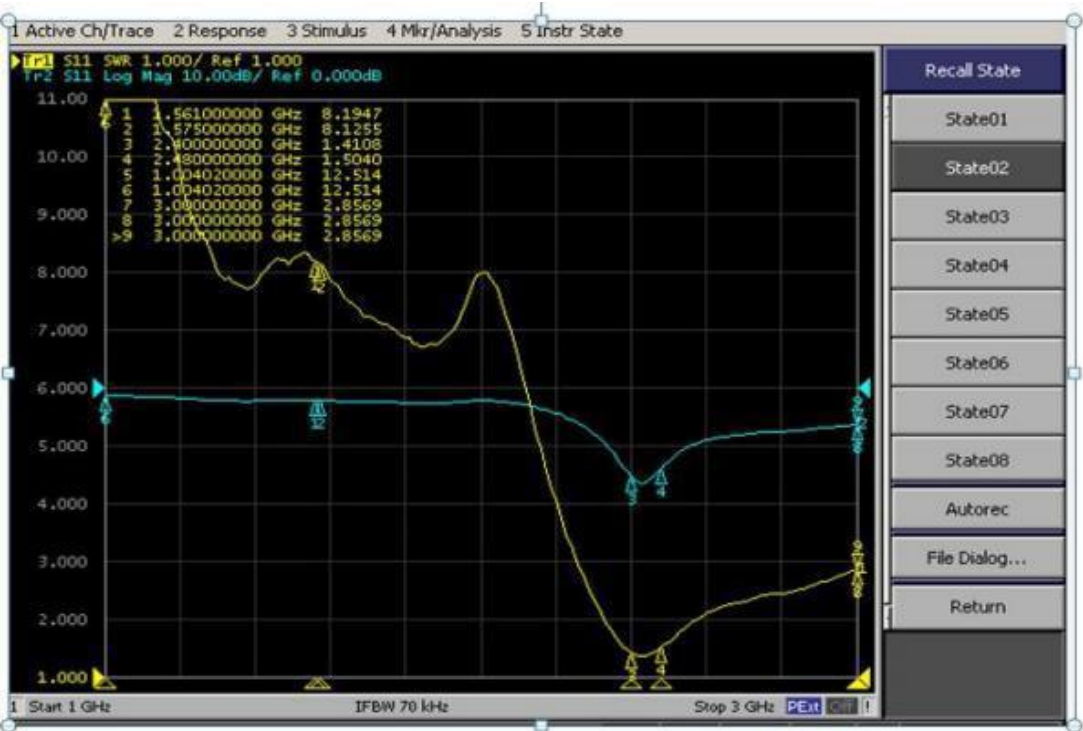


[Fig.3] Horn Antenna

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5. Typical Free Space Radiation Pattern

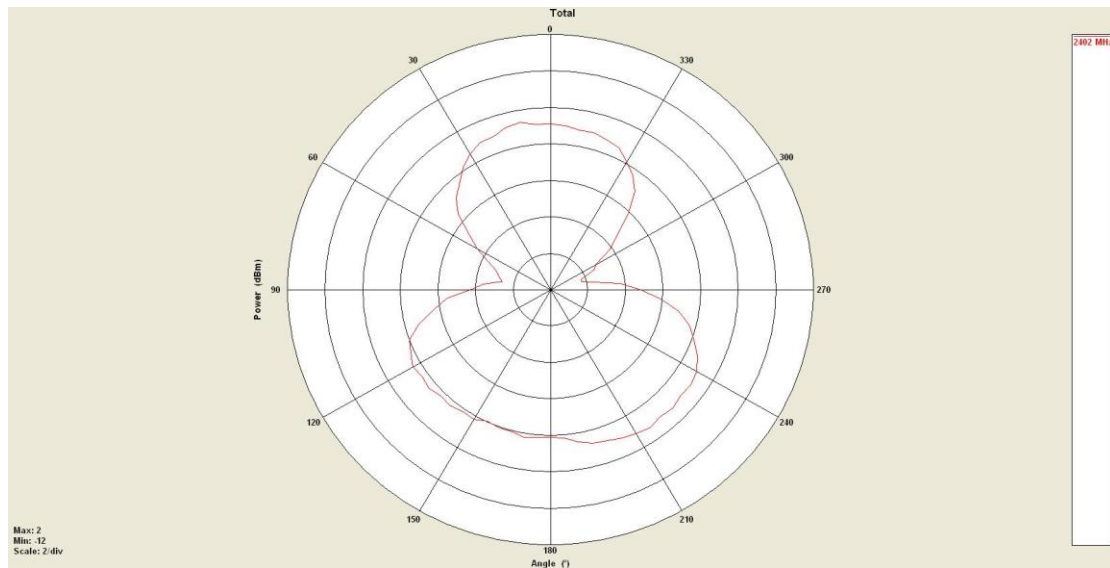
3D Radiation Pattern



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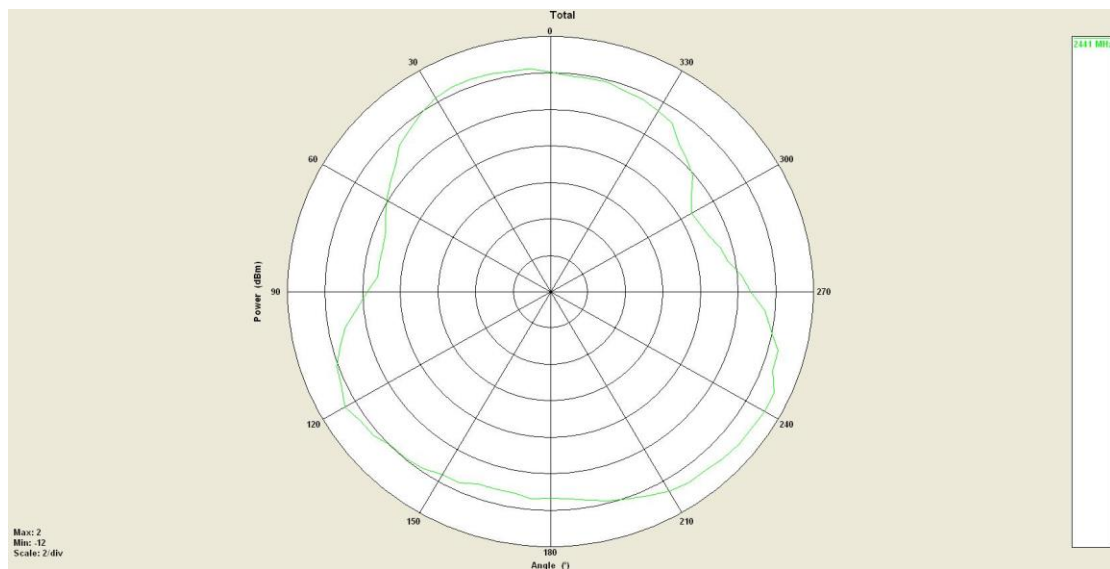
Radiation pattern@2402MHz

Total Peak Gain:-0.09dBi



Radiation pattern@2440MHz

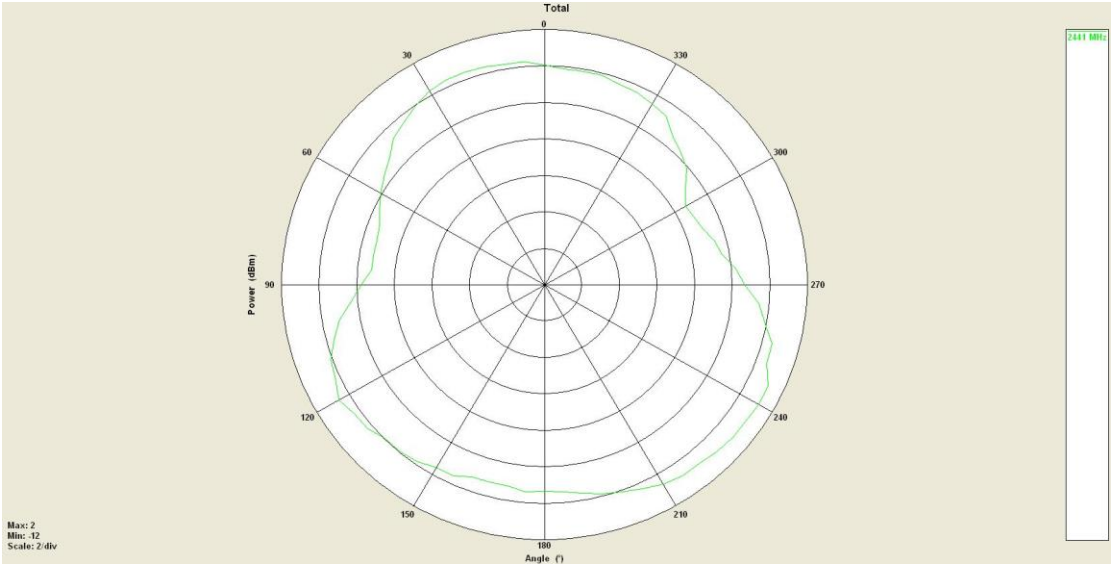
Total Peak Gain:0dBi



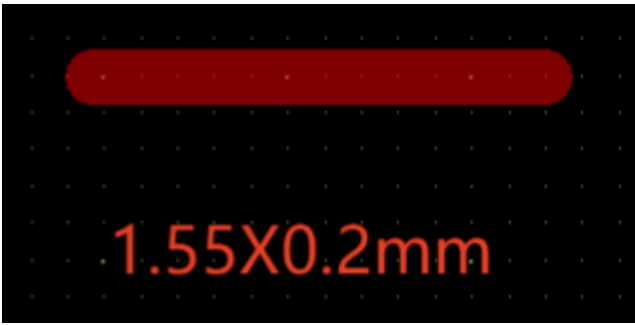
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Radiation pattern@2480MHz

Total Peak Gain:-0.05dBi



6. Antenna Dimension



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