

2. 4G Bluetooth antenna spec

- 1. **Antenna name:** 2. 4G Bluetooth antenna
- 2. **Antenna model:** Ignite-PCB-BT2G4
- 3. **manufacturer:** Shenzhen Huaqiu Electronics Co., Ltd
- 4. **Manufacturer Address:** 5F, Building 1, New Generation Industrial Park, 136 Zhongkang Road, Meilin Street, Futian District, Shenzhen
- 5. **Antenna type:** PCB board antenna
- 6. **Antenna size:** 18x6x1.6MM



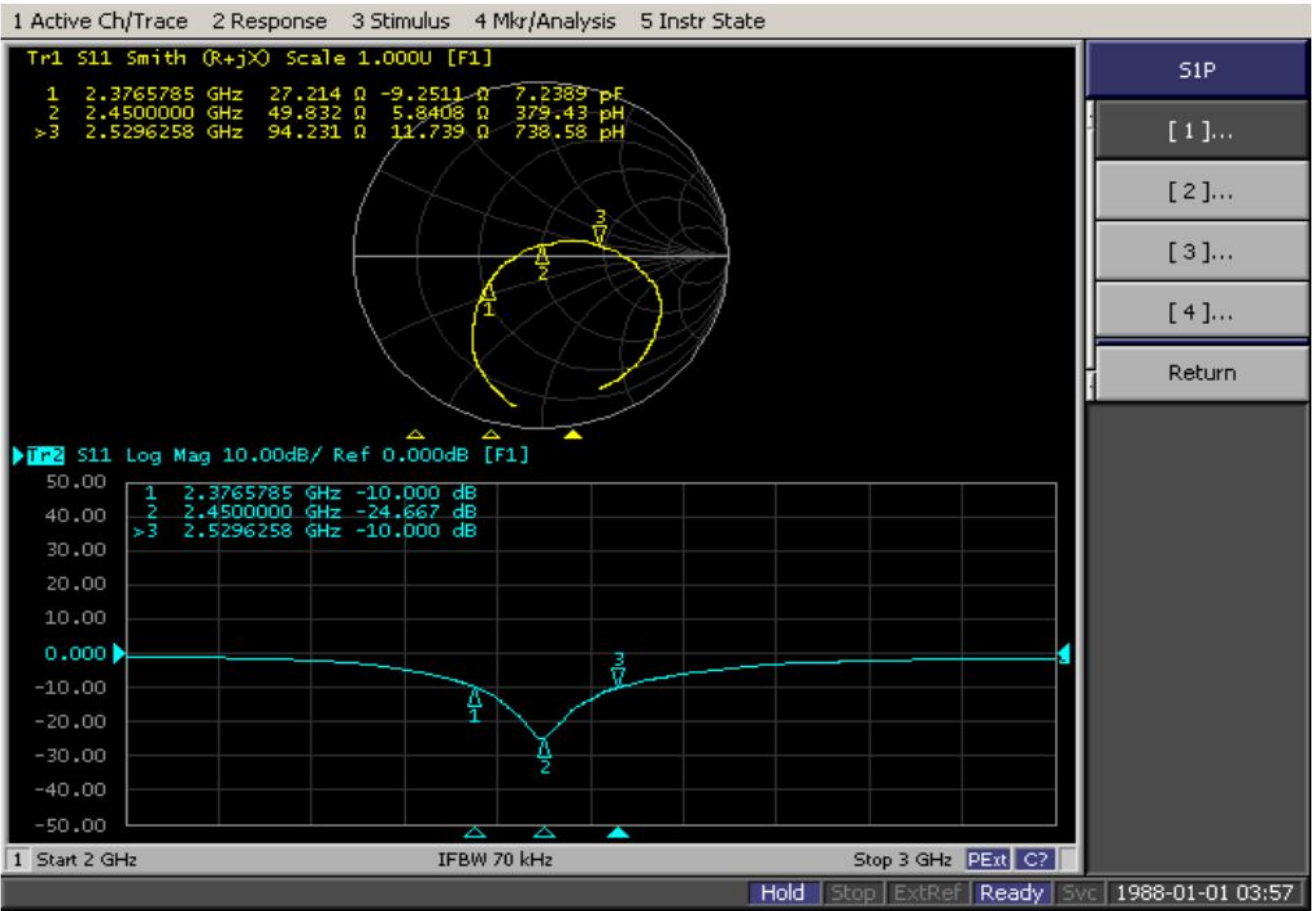
- 7. **Antenna material:**FR4
- 8. **Electrical Characteristics**

No.	Item	Specifications
a	Matching frequency	2.38-2.52GHz
b	Band Width	1200MHz typ
c	Peak Gain	4.75 dBi
d	V. S. W. R 驻波比	≤2.0
e	Polarization	Linear
f	Azimuth Beam width 方位角	Omni-directional 全向
e	Impedance 阻抗	50 Ω

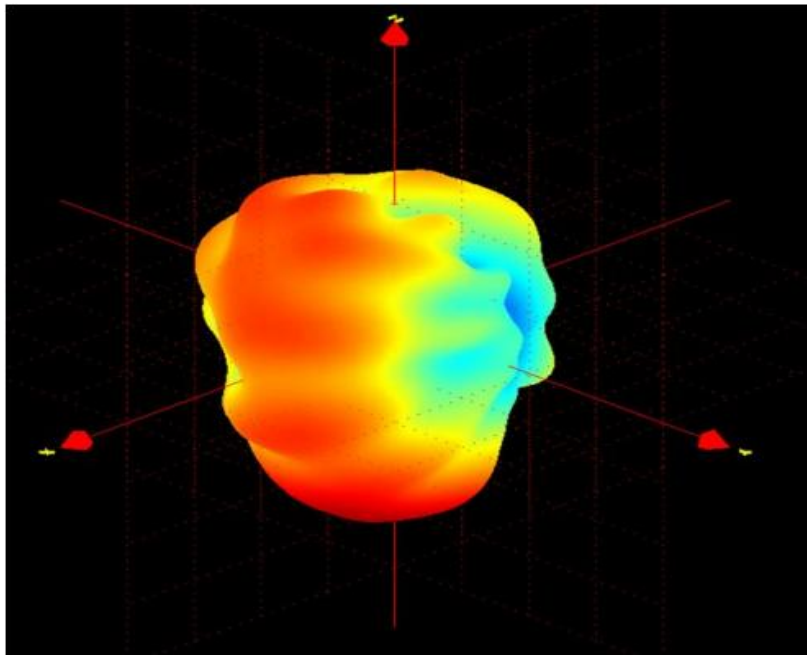
9. Dependability Test

基准条件: 温度范围 Temperature range 25±5℃
相对湿度范围 Relative Humidity range 55~75%RH
工作温度 Operating Temperature range -40℃~+85℃

10. Characteristic curve



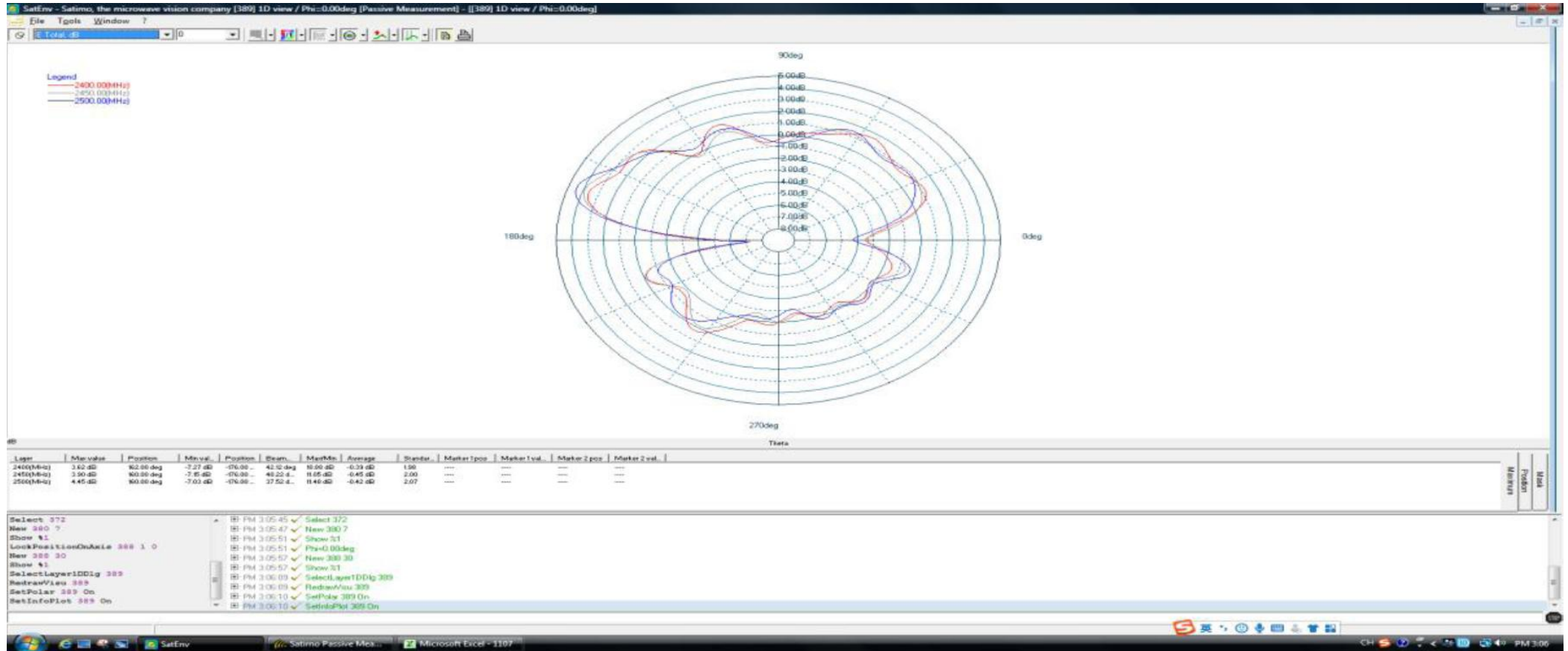
11.3D Radiation Pattern



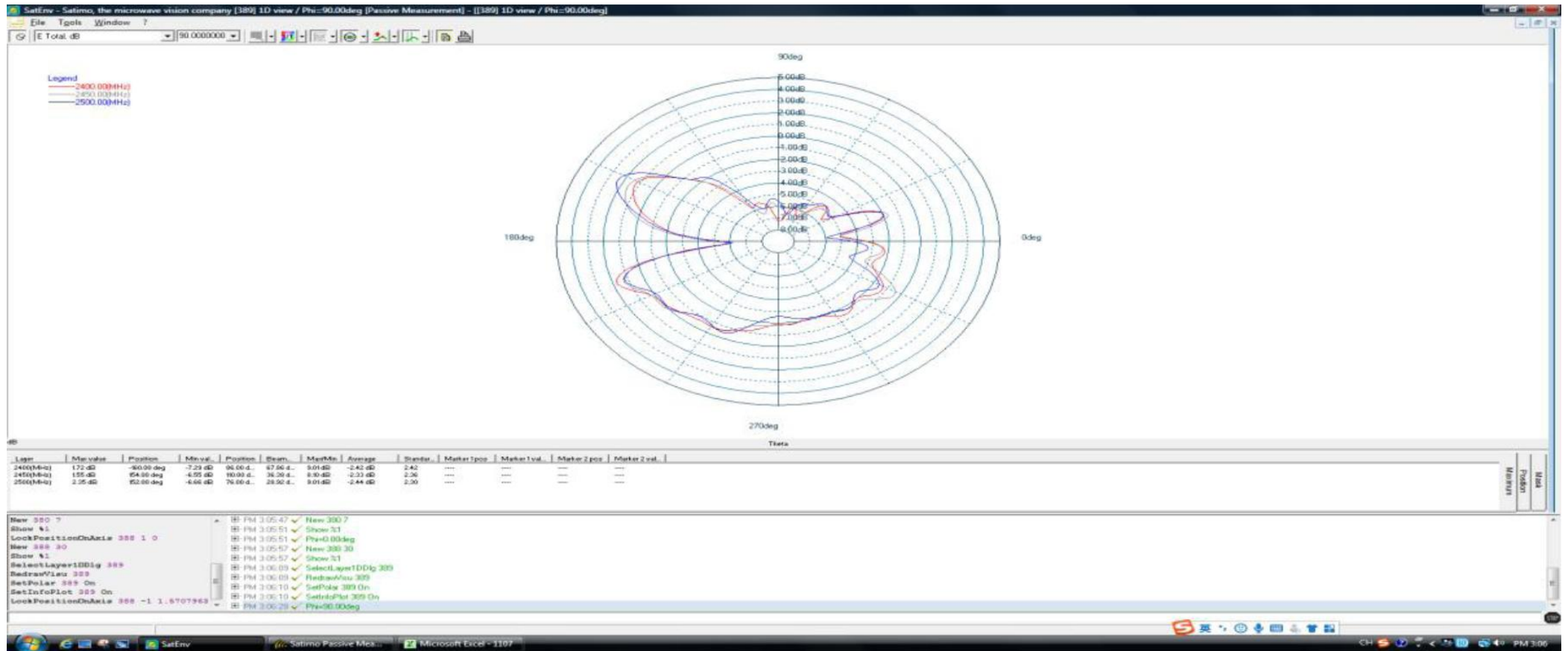
Frequency (MHz)	2400	2450	2500
Avg. Gain(dBi)	-2.25	-2.23	-2.25
Peck Gain(dBi)	3.68	4.75	3.72
Efficiency(%)	68	71	69

12. Radiation Pattern

a. X-Z Plane



b. Y-Z Plane



c. X-Y Plane

