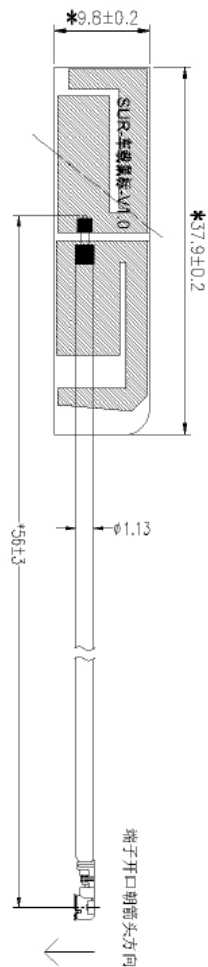


Antenna Specification

1. Antenna Describe

Antenna Manufacturer	Shenzhen Shengbanger Technology Co., Ltd.
Address	2F, Building B25, Hengfeng Industrial City, Hezhou Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China 518101
Antenna Model	E-RF2405001-F
Antenna Type	External Antenna
Antenna Gain	2.52dBi Max (2.4G)
Frequency Rang	2400-2500MHz
VSWR	≤ 2
Input Impedance	50 Ω

2. External View Drawing



Unit: mm

3. Measurement Result

3.1 Test Setup

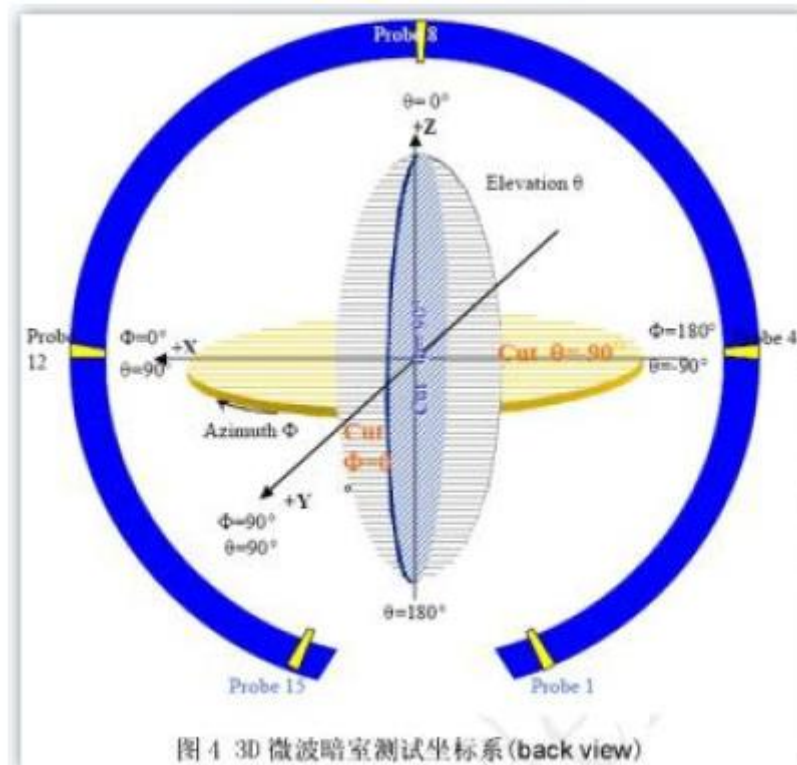
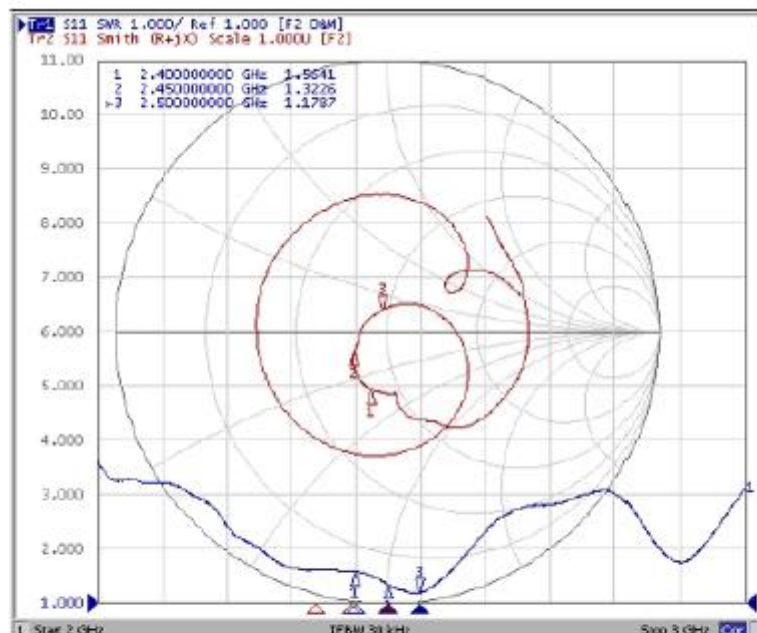


图 4 3D 微波暗室测试坐标系 (back view)

3.2 S11 Parameter



Frequency	2400	2450	2500
VSWR	1.56	1.32	1.17

3.3 Antenna test data

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	50.7%	2.05
2410	52.7%	1.94
2420	52.7%	1.90
2430	53.3%	1.93
2440	53.4%	2.09
2450	54.5%	2.09
2460	55.0%	2.31
2470	55.7%	2.52
2480	55.9%	2.40
2490	55.6%	2.40
2500	54.1%	2.29

3.4 Antenna test diagram

2.4G

