

深圳市浩天诚无线科技有限公司

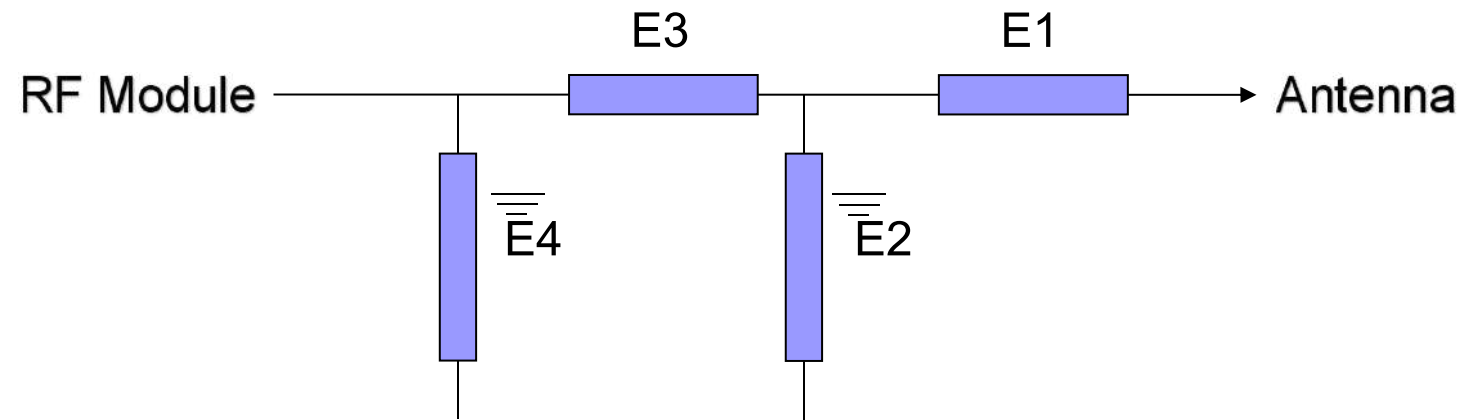
SHENZHEN HAOTIAN CHENG WIRELESS TECHNOLOGY CO.,LTD.

Building B, Block 505, Xinleiou Electronic Factory, Xingdong Community, Xin'an Street, Bao'an District, Shenzhen, China

Antenna specification

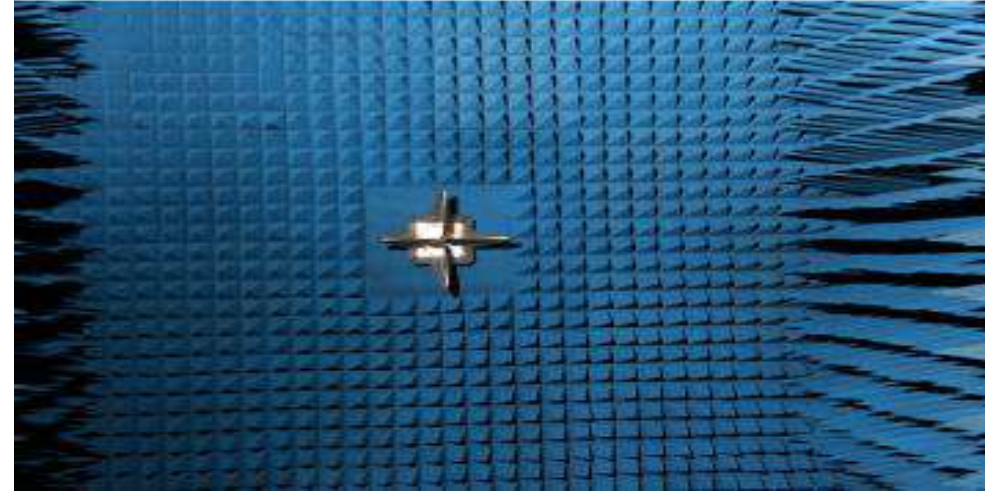
Manufacturer: WizarPos International Co., Ltd.	Model: Q3 PDA
Manufacturer Address: 4F, No 507 Wuning Rd, Shanghai, China	Date: 2025-04-05
Structure mode:FPC	Antenna type: Internal Antenna
Frequency Range: Bluetooth&WIFI; 2400-2500MHz; 5150-5850MHz	

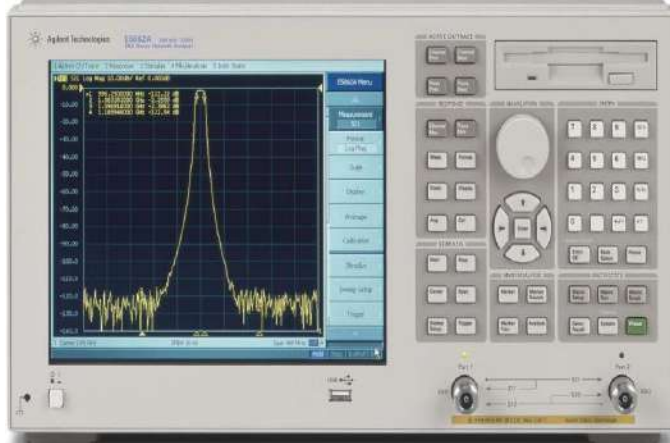
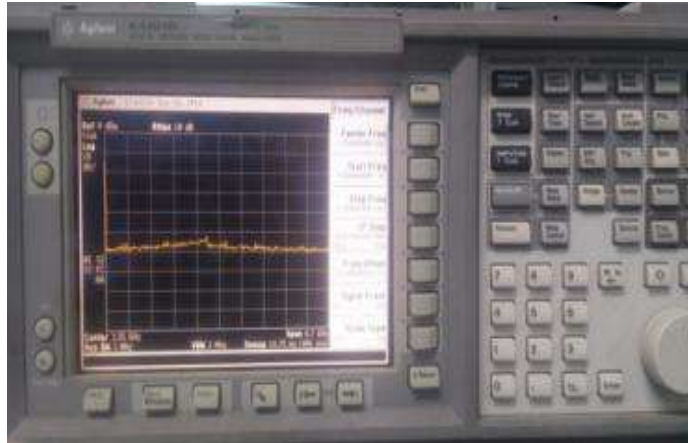
1. Matching circuit



2. Test equipment and test environment

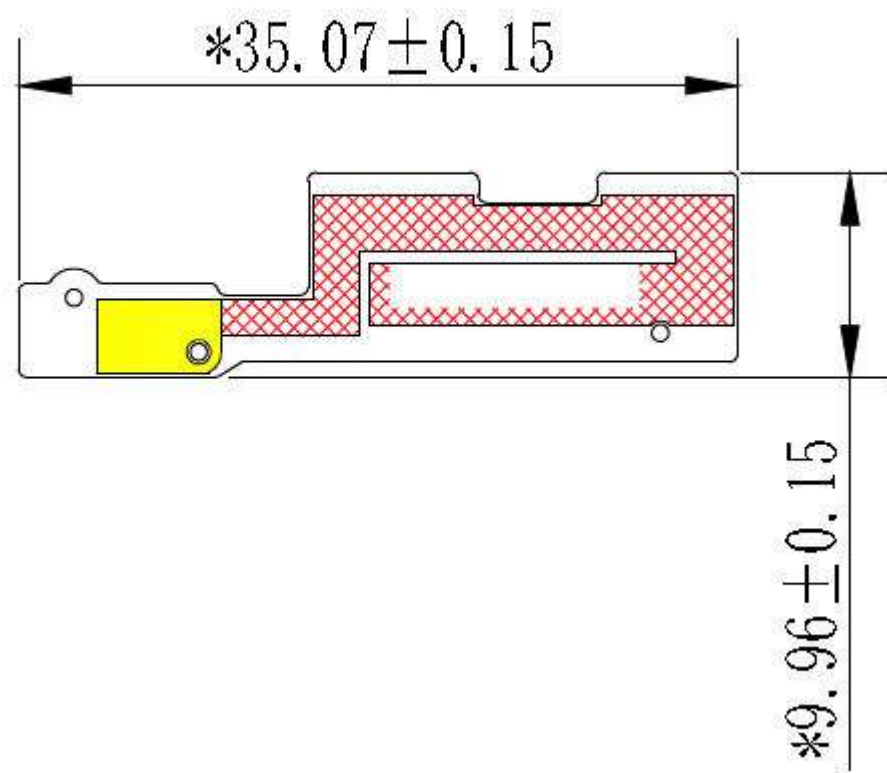
ETS





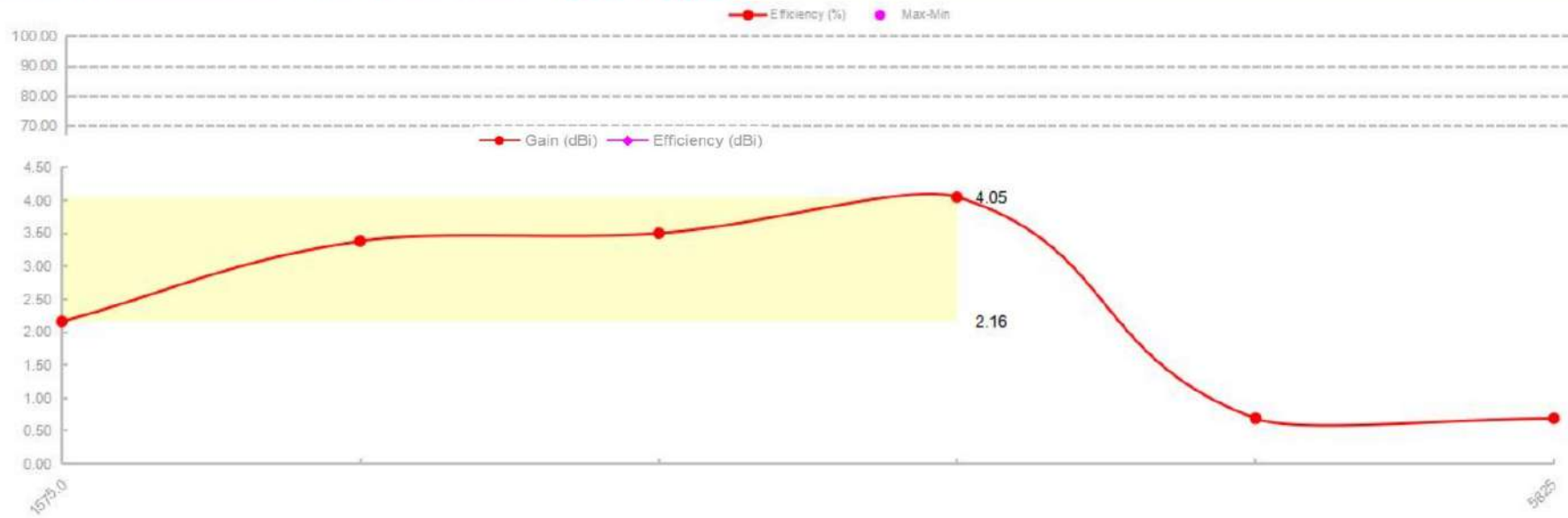
3. Antenna position and size



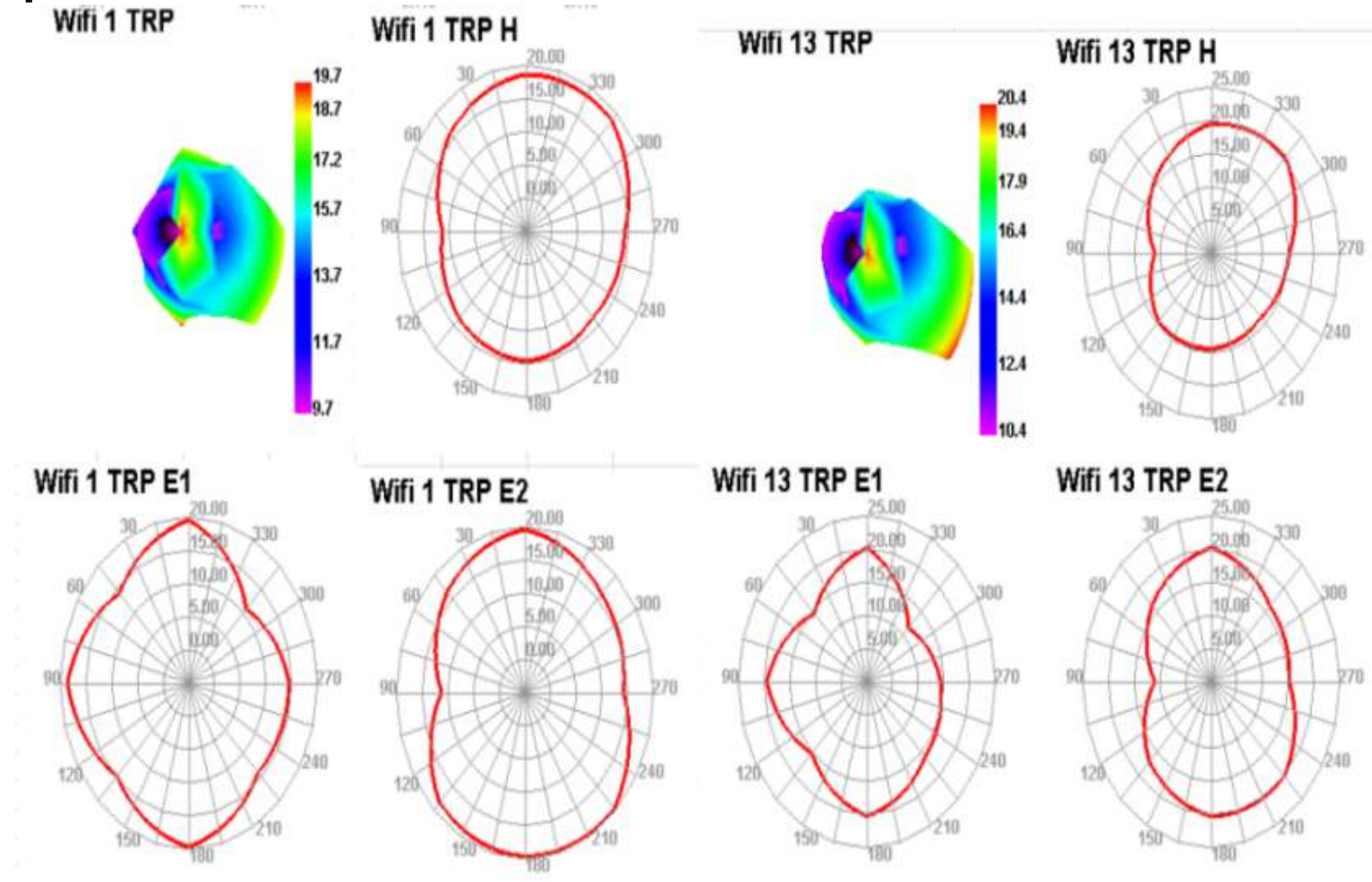


4. Antenna efficiency and Gain

Frequency ID	1	2	3	4	5	6
Frequency (MHz)	1575.0	2400.0	2450.0	2500.0	5180	5825
Gain (dBi)	2.16	3.38	3.50	4.05	0.69	0.69
Efficiency (%)	45.05	38.48	46.06	48.85	33.15	32.61



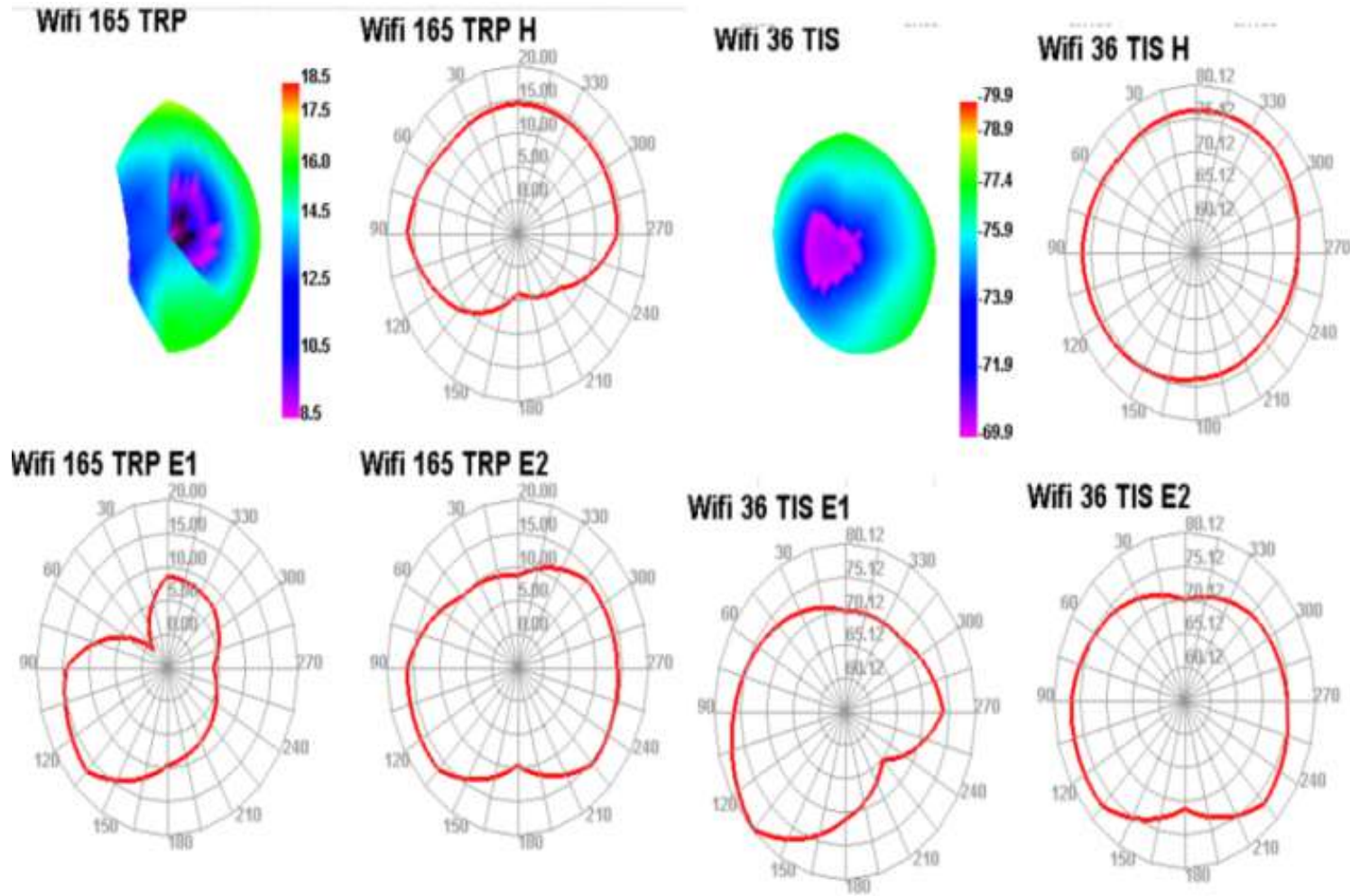
5. 1 2D/3D diagram 2.4G WIFI



5. 2

2D/3D diagram

5G WIFI



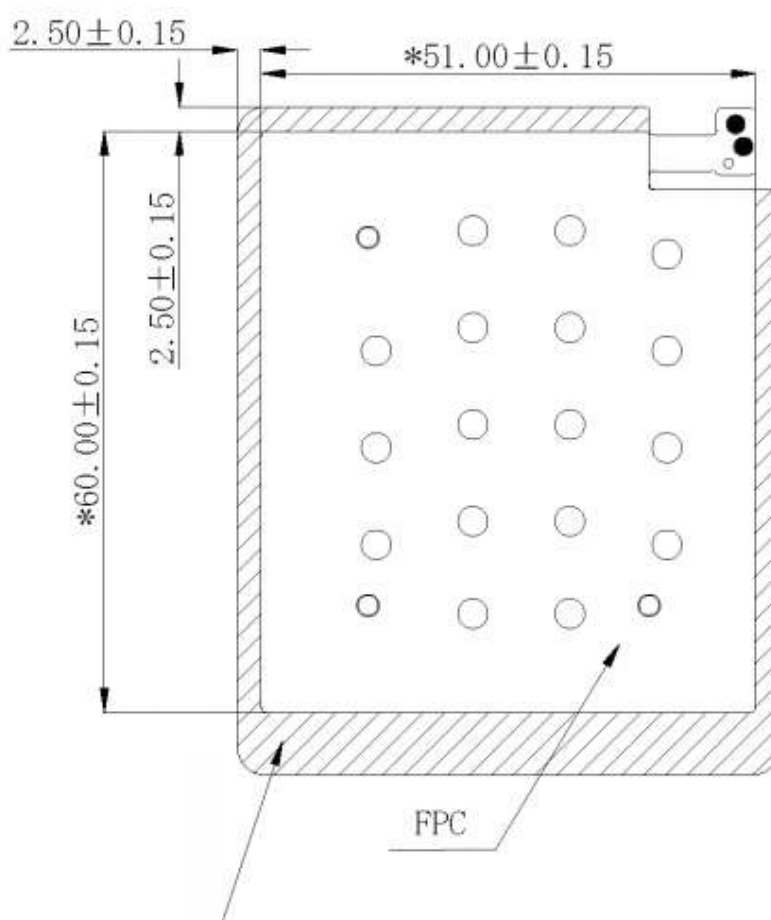
Antenna specification

Manufacturer: WizarPos International Co., Ltd.

Address: 4F, No 507 Wuning Rd, Shanghai, China

PN	Internal Antenna
Standard	NFC
Frequency	13.56MHz
Antenna Gain	0dBi
FeedImpedance	30.8ohm
Q	28
La	360nH
Rs	30.58ohm
Rp	30.93ohm
Workingprinci ple Interface	LCoscillator Directconnected

Antenna Size



We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.