



深圳市迪比通通讯设备有限公司

Shenzhen DBT Telecommunication Technology CO.,LTD

Antenna Test Report

客 户：沃莱科技

项 目：FG2504WB

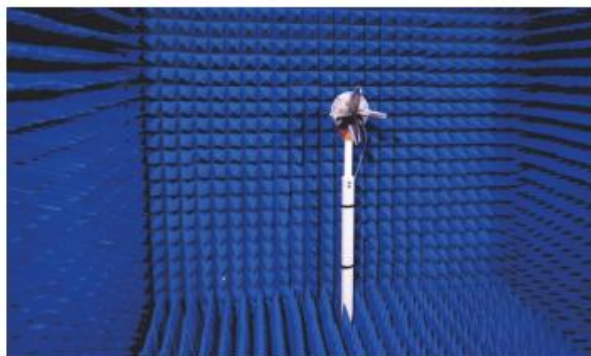
天线制式：BT

RF: 王志锋

TEL: 13823540870

Building 8, Phase 2, Nan Shan Yun Gu, Taoyuan Subdistrict, Nan Shang
District, Shenzhen City

Test equipment



OTA-800

Brand: ETS ✓

Frequency range: 370MHz-8.5GHz

Function: Passive and active testing; TRP and TIS testing for G network, C network, 2G/3G/4G, WIFI, BT and other standards.

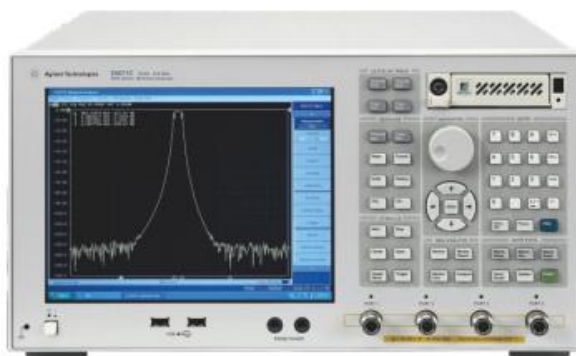


8960

Brand: Agilent

Frequency range: 292MHz-2700GHz

Function: Meets 2G/3G active testing.



5071C

Brand: Agilent ✓

Frequency range: 9KHz-8.5GHz

Function: Comprehensive passive testing of antennas such as 2G/3G/4G/BT/WIFI.



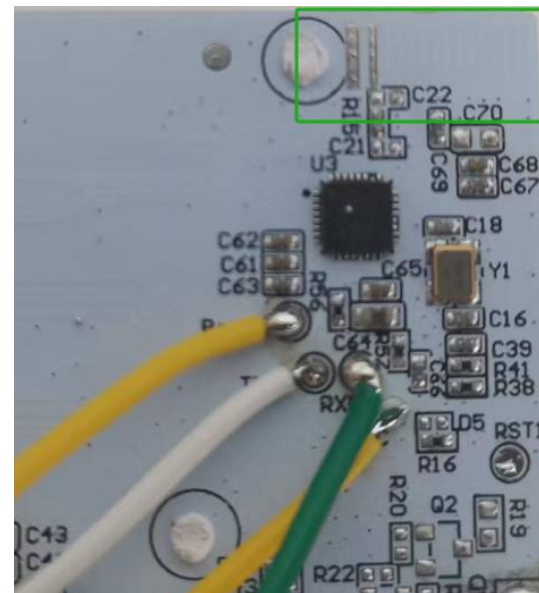
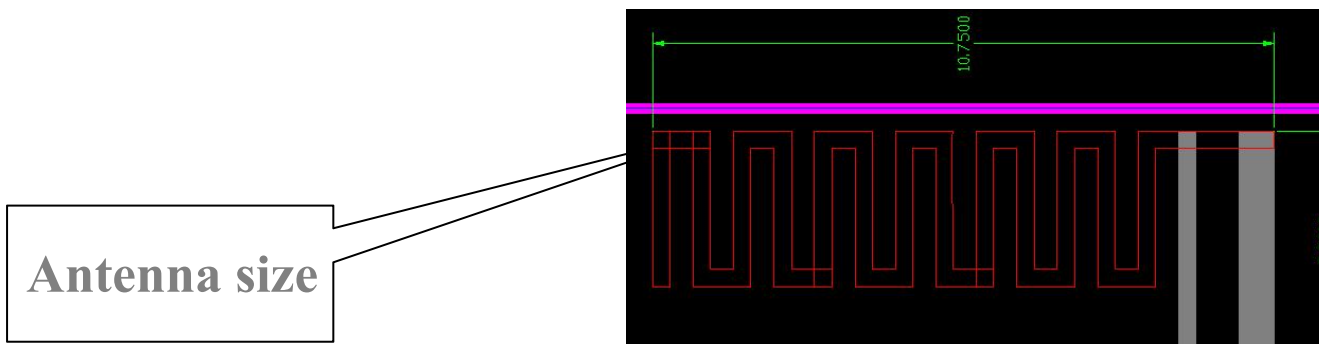
CMW500

Brand: Rohde&Schwarz

Frequency range: 70KHz-6GHz

Function: Comprehensive active testing of antennas such as 2G/3G/4G/BT/WIFI/NB Lot.

3.Physical picture of antenna assembly location



4.Electrical performance index



电性能指标 Electrical Parameter		
频率范围(MHz)	Frequency Range (MHz)	2400~2500
电压驻波比	VSWR	≤7.0
输入阻抗(Ω)	Input Impedance(Ω)	50
增益(dBi)	Gain(dBi)	0.89
极化形式(°)	Polarization(°)	vertical
最大功率(W)	Max power(W)	10
天线类型	Antenna Type	Monopole
工作温度(℃)	Working Temperature(℃)	-40~+80

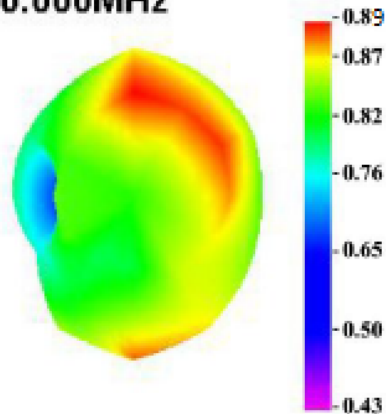
5.Passive antenna data



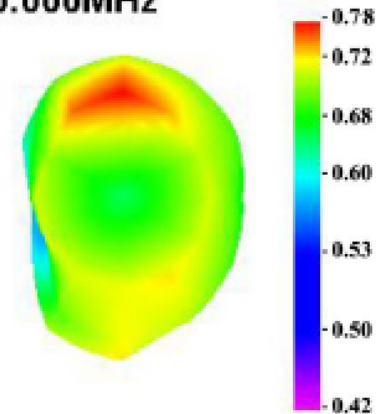
6.Antenna gain/efficiency/3D apple chart

Freq (MHz)	Effi (%)	Gain (dBi)
2400	16	0.89
2410	13.6	0.87
2420	1717	0.86
2430	14.5	0.85
2440	14.2	0.79
2450	11.8	0.78
2460	16.3	0.77
2470	15.1	0.76
2480	14	0.69
2490	13.1	0.61
2500	13.5	0.67

2400.000MHz



2450.000MHz



2500.000MHz

