



Shenzhen DBT Telecommunication Technology CO.,LTD

Antenna Testing Report

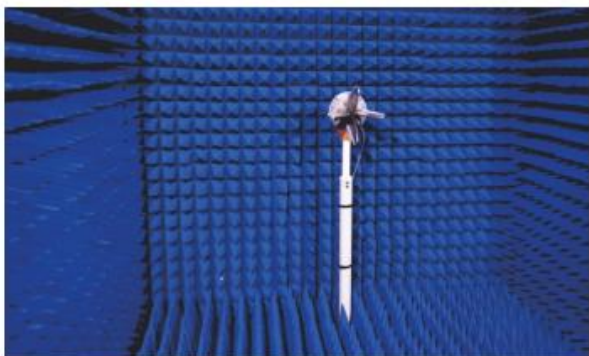
Client: Guangdong Welland Technology Co., Ltd.

Project: FI2540LB

Antenna standard: BT

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1. Test Equipment

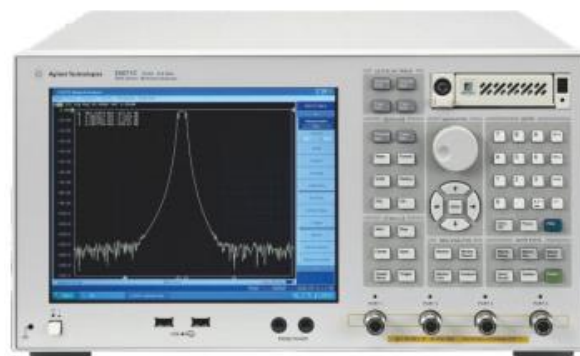


OTA-800

Brand: ETS 

Frequency range: 370MHz-8.5GHz

Features: passive、active test; G net、C net、2G/3G/4G, WIFI and BT, TRP、TIS test.



5071C

Brand: Agilent 

Frequency range: 9KHz-8.5GHz

Features: 2G/3G/4G/BT/WIFI antenna comprehensive passive test.



8960

Brand: Agilent

Frequency range: 292MHz-2700GHz

Features: 2G/3G active test.



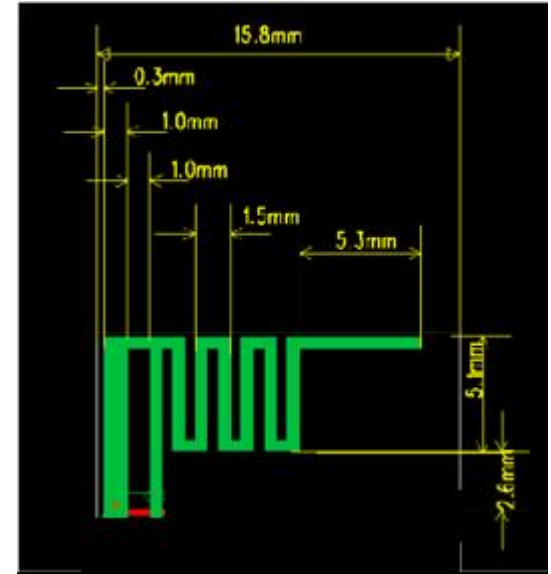
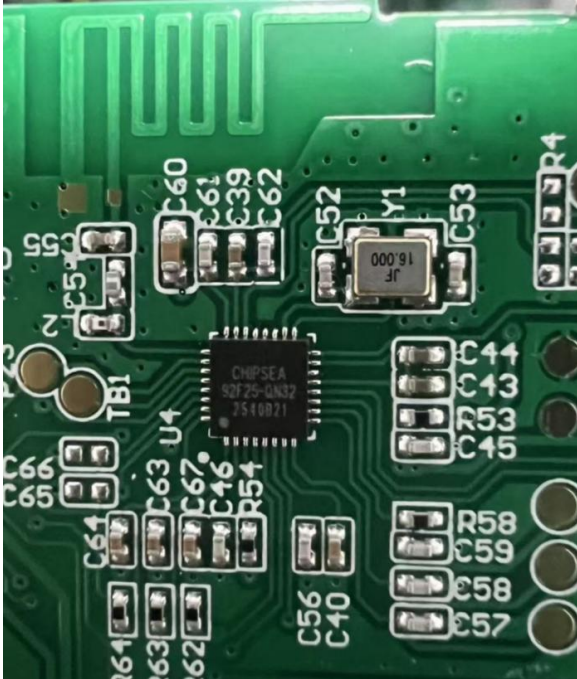
CMW500

Brand: Rohde & Schwarz

Frequency range: 70KHz-6GHz

Features: 2G/3G/4G/BT/WIFI/NB-Lot antenna comprehensive passive test.

3. Antenna assembly position



天线尺寸

4.Electrical Parameter



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)	-1.73
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(°C)	Working Temperature(°C)	-40~+80

5. Antenna Passive Data



6.Antenna Gain/Efficiency/3D Apple Chart

Freq (MHz)	Effi (%)	Gain (dBi)
2400	34.86	-1.78
2410	32.46	-2.03
2420	31.76	-2.06
2430	32.61	-1.99
2440	33.23	-1.81
2450	34.4	-1.87
2460	32.23	-1.76
2470	33.94	-1.75
2480	32.32	-1.73
2490	31.33	-2.08
2500	31.17	-2.15

