迪比通

SHENGZHEN IBITONG TELECOMMUNICATION TECHNOLOGY CO.,LTD.

Mobile Communication Terminal Antenna

Mobile communication terminal antenna

Product Design and Manufacturing Specifications

Product design and manufacturing specifications

- Customer Name / Customer: Neewer
- Project Name/Project: DBTQ6-WIFI-V3
- Material Name: 2.4G antenna

  shrapnel ☐ FPC ■ support ☐ varnished wire ☐ coaxial cable ■
- Material No./Part No.:
- Designer:
- Review/Check:
- Customer confirmation signature/Approved:

Add: 505, Building 8, Yungu Phase II, Ping Shan Road, Xili Town, Nanshan District, Shenzhen
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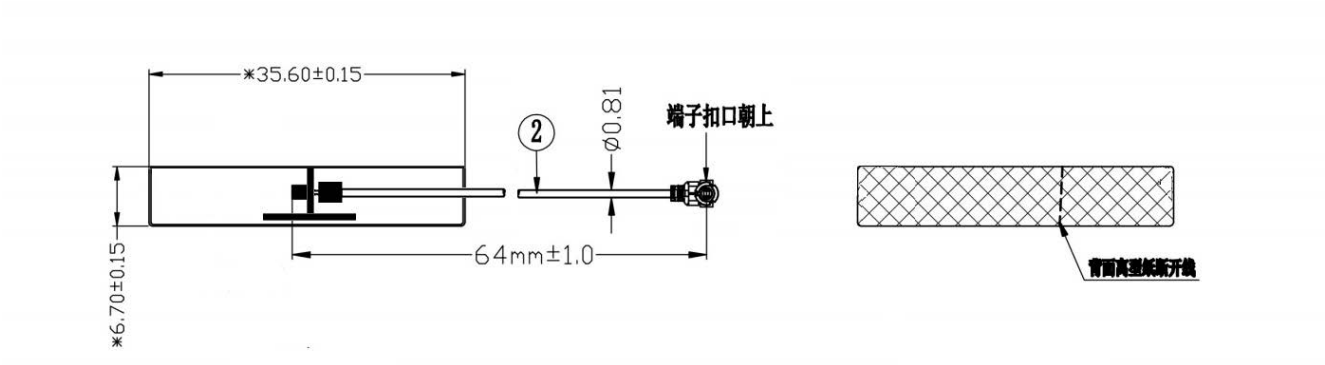
Catalogue ：

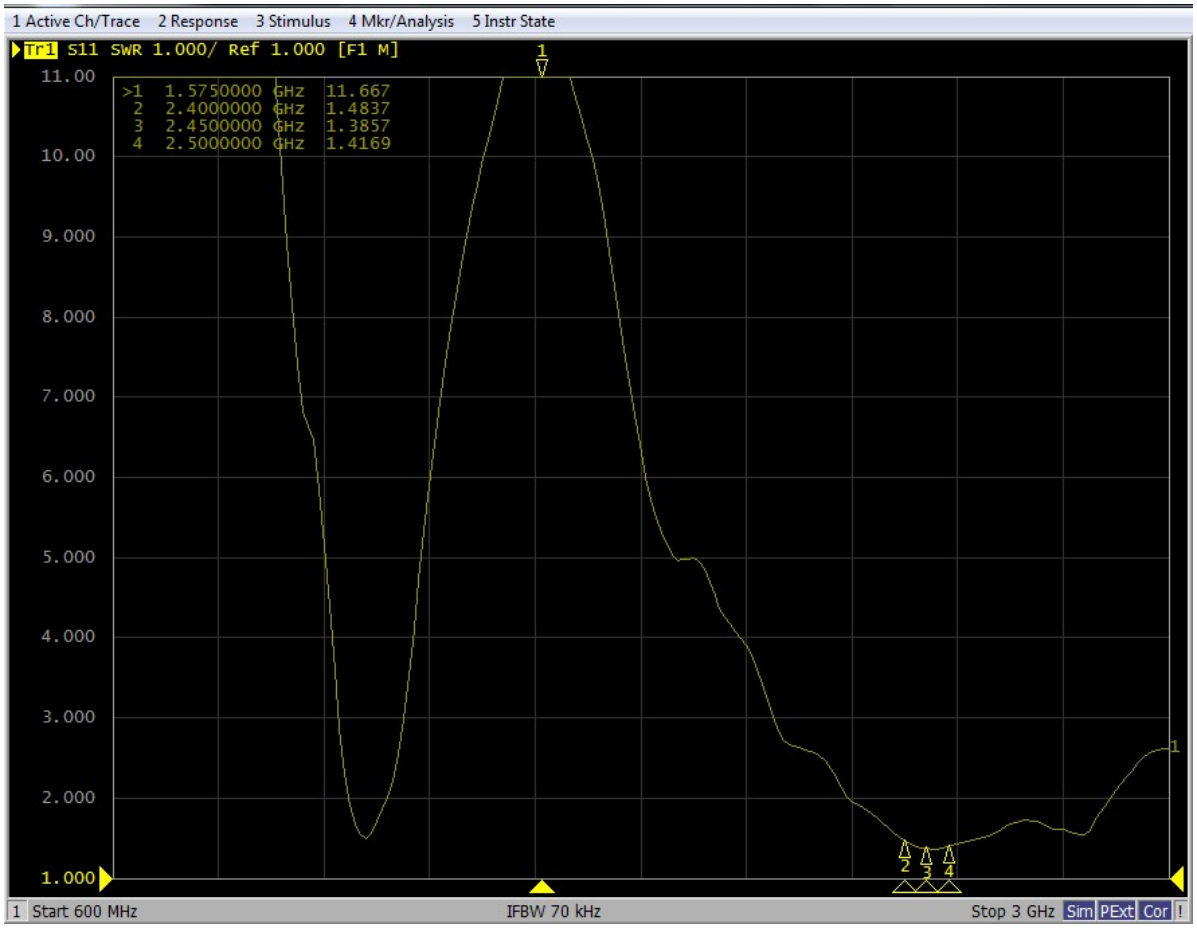
1. Finished Antenna



2.Qualification

A. behaviour of electricity	
Working frequency range	2400 ~ 2500 MHz
standing-wave ratio	≤1.5
maximum gain	-0.19dBi
input impedence	50 ohm
maximum power	10W
B. material	
FPC+CABLE	
C. environment	
working temperature	- 30˚C ~ + 85 ˚C
Storage temperature	- 30˚C ~ + 85 ˚C

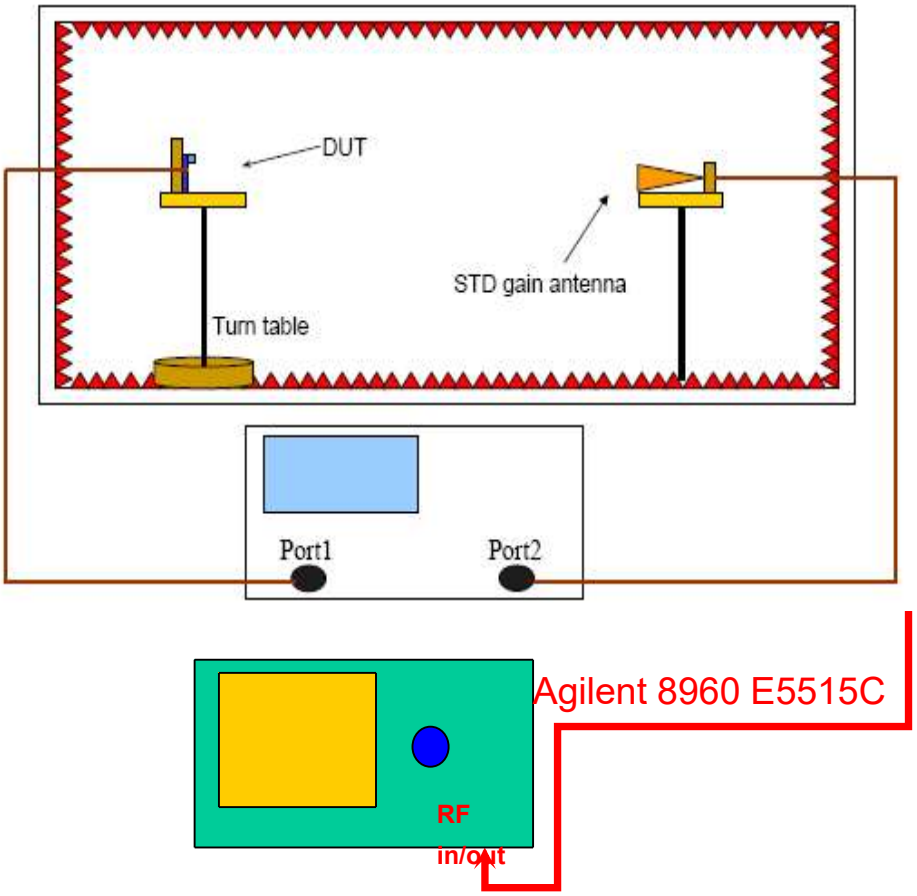
3.S11 Impedance Ratio/impedance Test Results



impedance ： 50 Ohm

4. Dynamic test data--Antennas are placed inside the machine

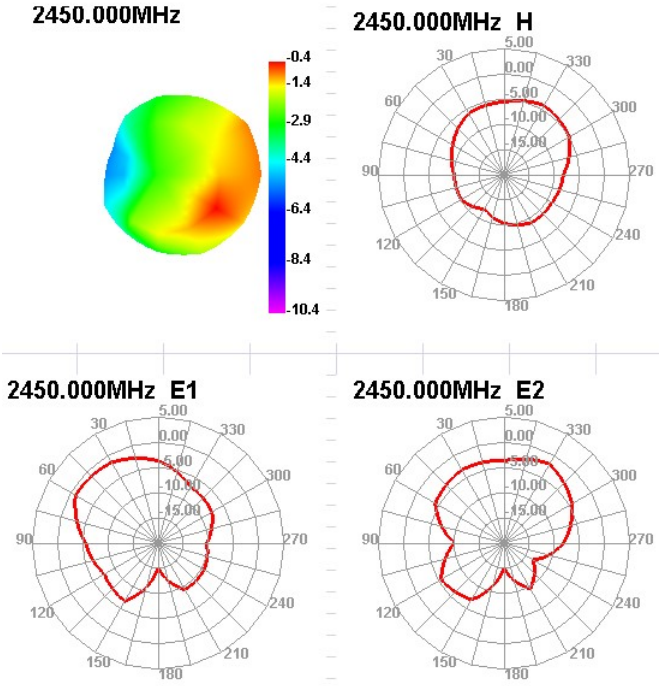
Test instrument: Agilent 8960 E5515B+ Shield Box



5.Actual Antenna Test Data

无源效率增益

Freq (MHz)	Effi (%)	Gain (dBi)
2400	28.92	-0.56
2410	26.26	-0.96
2420	26.49	-0.7
2430	25.5	-0.72
2440	26.18	-0.55
2450	26.18	-0.37
2460	23.07	-0.91
2470	24.48	-0.68
2480	24.66	-0.44
2490	25.85	-0.19
2500	25.11	-0.32



pour ：

1.The above test results are limited to the test prototype;

2. Complete housing material process, software version, accessories (camera FPC, speaker, receiver, motor, battery, etc.), core

The change of a single piece will lead to the change of the antenna performance of the whole machine;

3. The performance of the whole machine changes due to the change of the environmental treatment (such as grounding position, size, shielding method, etc.).

A solemn declaration:

The design and research and development intellectual property rights of this antenna are owned by our company. If we find that the same product is supplied to your company without our permission, we will investigate the corresponding legal responsibilities according to law. Please respect the intellectual property rights. Your support is our infinite motivation. Thank you for cooperation!