

SPECIFICATION

SHEET FOR APPROVAL

CUSTOMER(客户名称)	高盛达/GSD
GSD P/N(客户机种)	WC0P
PART NAME(品名)	WIFI Antenna
FREQUENCY(频率)	2.4~2.5G/5.15-5.85G
NO.(物料编号)	
DATE(日期)	2019-02-11

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章): _____

MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER

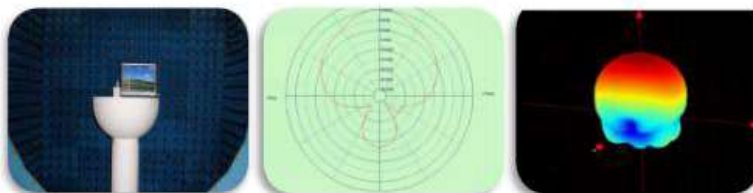
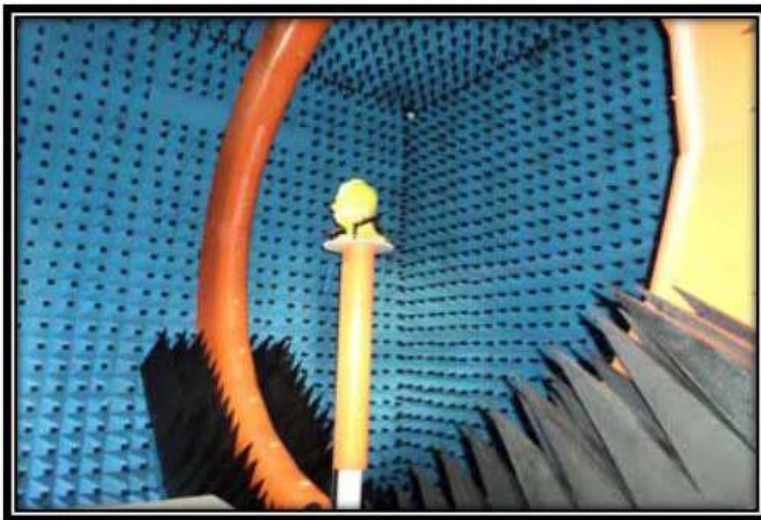
manufacturer:

惠州高盛达科技有限公司
HUIZHOU GAOSHENGDA TECHNOLOGY CO.,LTD

广东省惠州市三栋镇惠南科技园金达路 2 号
No. 2 Jinda Road, Sandong Town, HUIZHOU, CHINA

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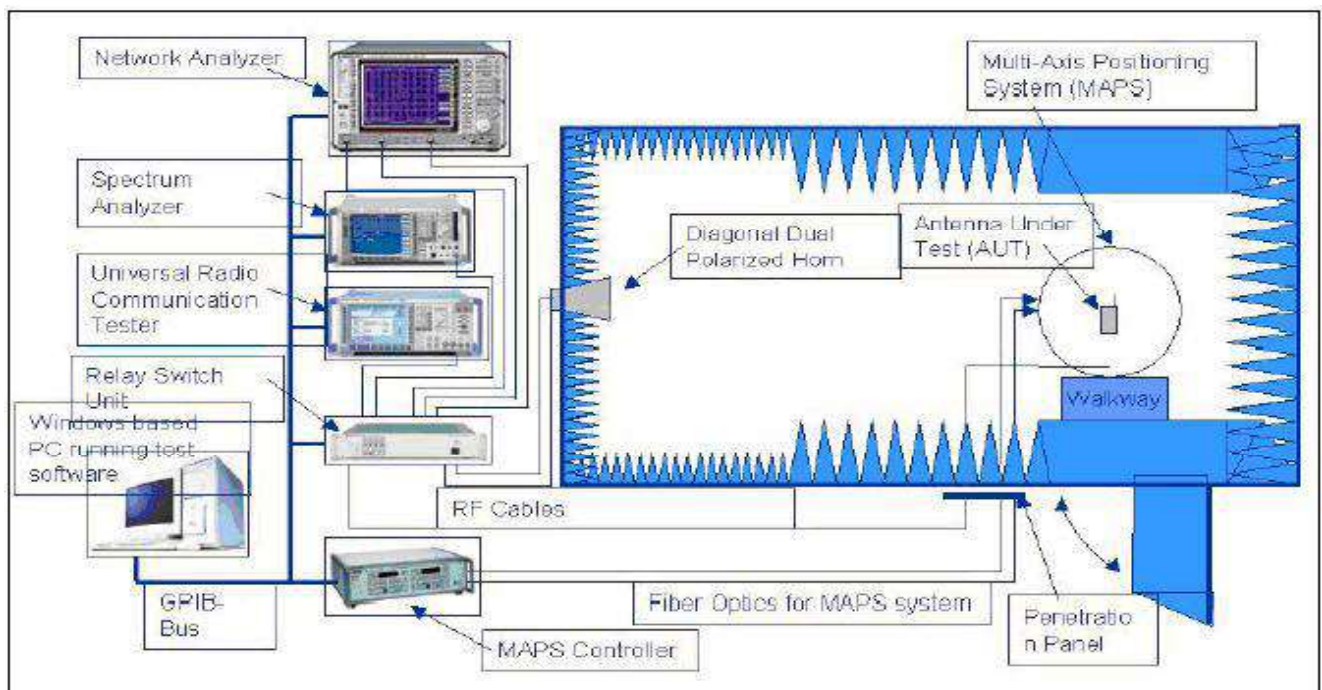
1. Test equipment



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CITA standards.

Testing range:

Support active, passive testing of GSM/CDMA/WCDMA/TD-SCDMA/LTE/WIFI/WLAN/WiMax/BT/GPS/MIMO/UWB within 0.4-6G.



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2.Product figure



3.Antenna test data

3-1 VSWR

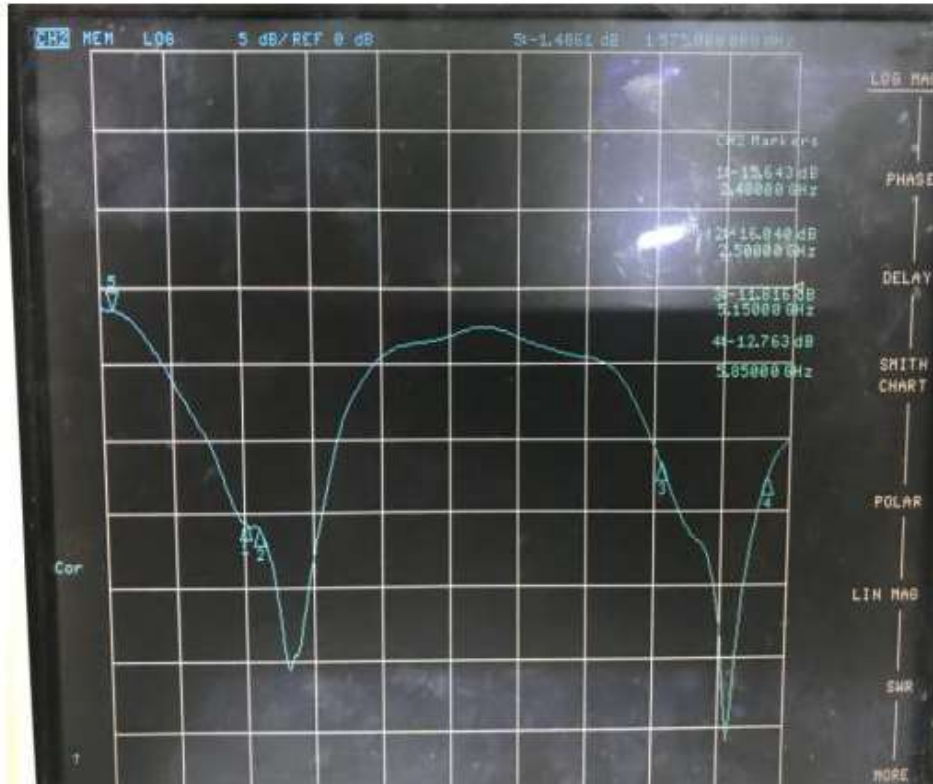
2.4G	2.5G	5.15G	5.85G
1.39	1.37	1.69	1.59



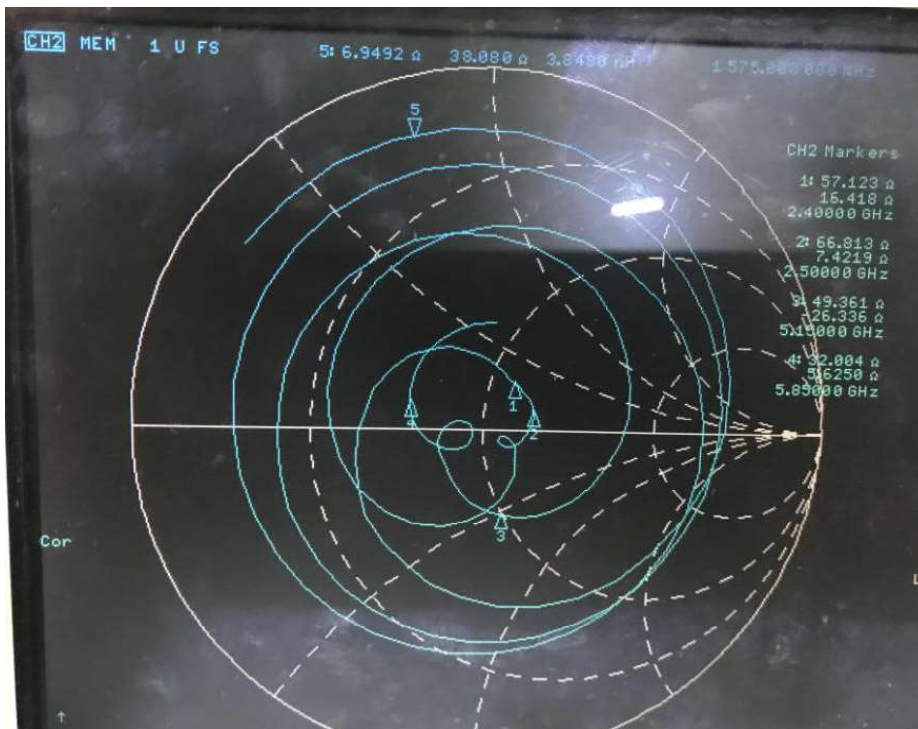
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3-2 Return loss plot

2.4G	2.5G	5.15G	5.85G
-15.6dB	-16.0dB	-11.8dB	-12.7dB



3-3 Smith Chart

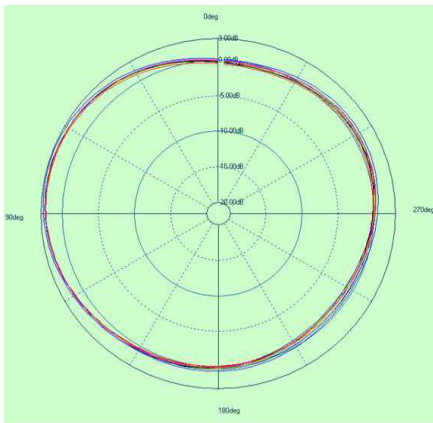


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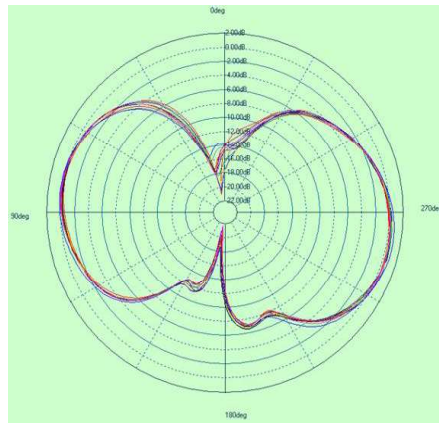
3-4 No-source test data

Frequency	Max Gain
2400MHz	2.1dBi
2450MHz	2.5dBi
2485MHz	2.3dBi
5150MHz	2.8dBi
5500MHz	2.7dBi
5850MHz	3.0dBi

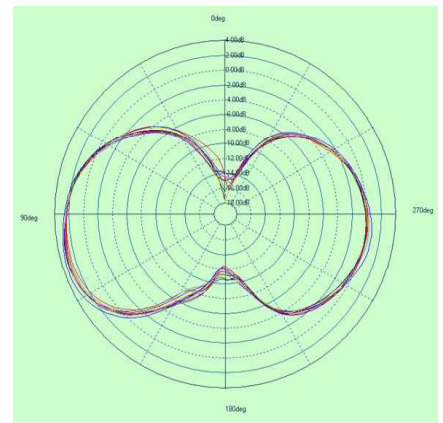
3-5 Directional drawing of horizontal plane of (2.4G)



Theta 90deg

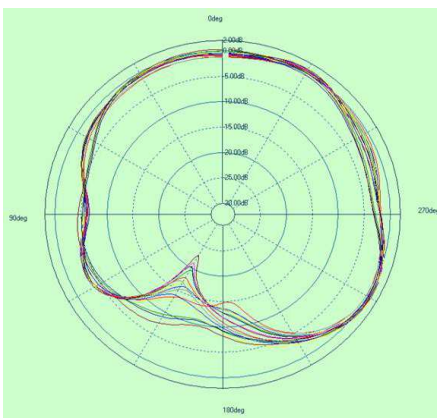


Phi 0deg

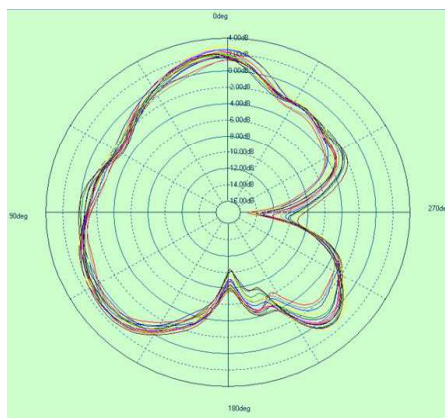


Phi 90deg

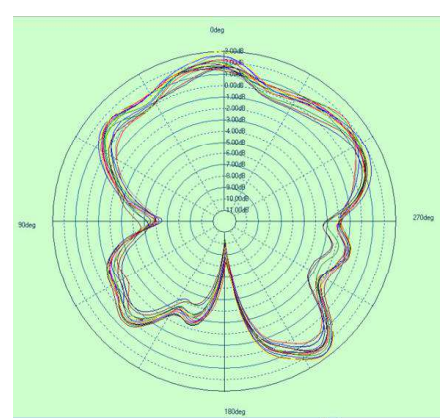
(5G)



Theta 90deg



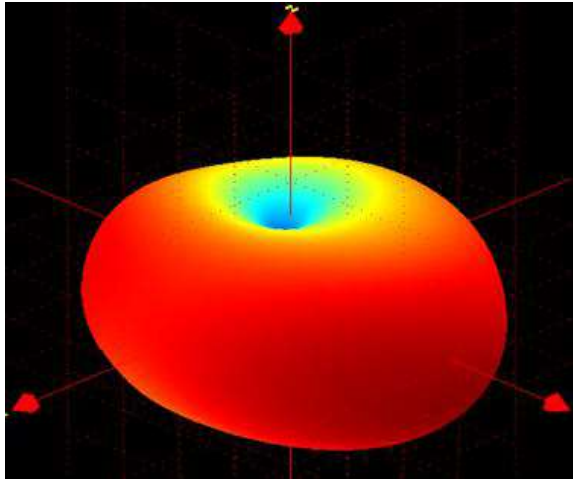
Phi 0deg



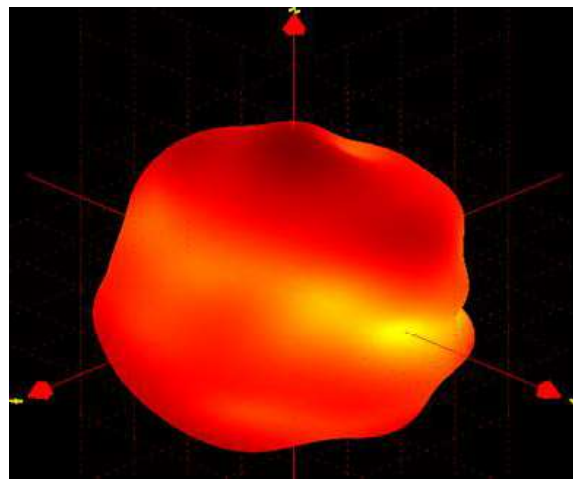
Phi 90deg

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3-6 3D radiation drawing



(2.4G)



(5G)
