



深圳信诺山通信技术有限公司

Shenzhen Signalsen Telecom Technology Co , .Ltd

WIFI 天线承认书

物料编号: W666-1Y205B-A

客户： 华斯尔顿			项目名： 608		
频段： WIFI		日期： 2020.04.22		版本： R:A	
研发	结构：	审核：		批准：	
	射频：	审核：			
客户审核：			客户批准：		

Manufacturer Address:

*2F 211, Hengbo Innovation and Technology Industrial Park, Qingning Road,
Qinghu Community, Longhua Street, Longhua District, Shenzhen*

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1. Project information and Electrical Specification

Those specifications were specially defined for WIFI/BT model, and all characteristics were measured under the model's handset testing jig .

1-1 Project picture



1-2 Frequency Band:

Frequency Band	MHz
WiFi	2400-2500

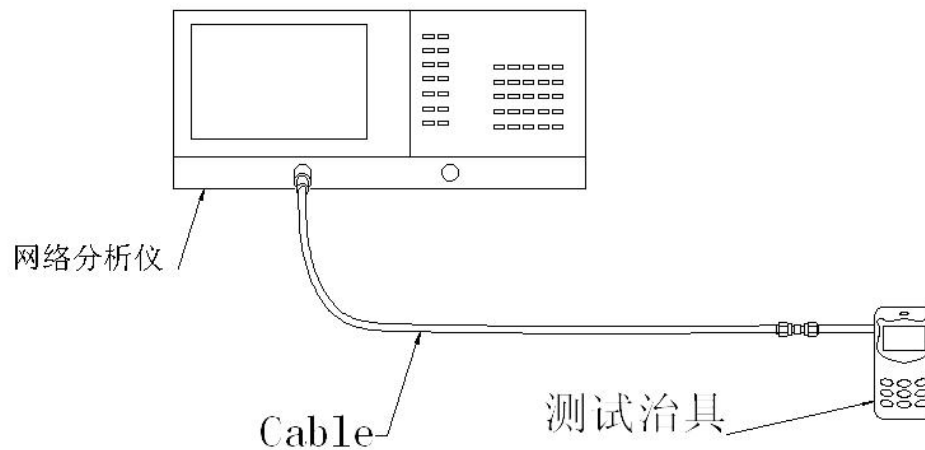
1-3 Impedance matching

2.VSWR

2-1 Measuring Method:

1. A 50 Ω coaxial cable is connected to the antenna. Then this cable

is connected to a network analyzer to measure the VSWR,
2. Keeping this jig away from metal at least 20cm.



2-2 S11 parameter values

(MHZ)	2400	2500
	1.31	1.51



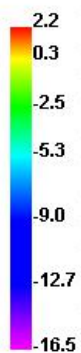
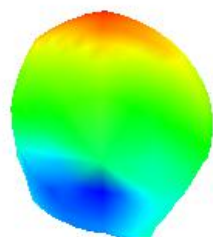
3. Efficiency and Gain

*measuring and test instruments:

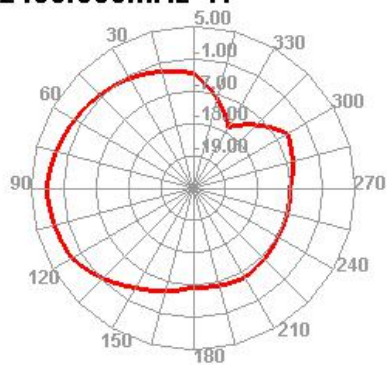
3-1 Efficiency/Peak Gain- WIFI/BT

Passive Test For wifi2.4G-2								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	48.67	-3.13	2.15	0	2.15	-16.45	51.11	50.57
2450	54.44	-2.64	2.77	0.62	2.77	-13.63	51.94	51.53
2500	55.47	-2.56	3.27	1.12	3.27	-14.84	51.98	51.64

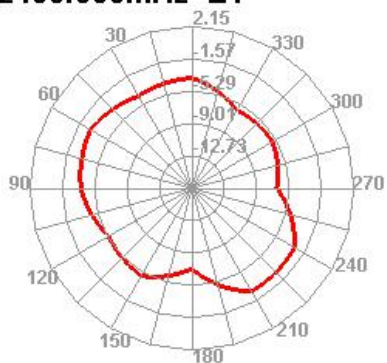
2400.000MHz



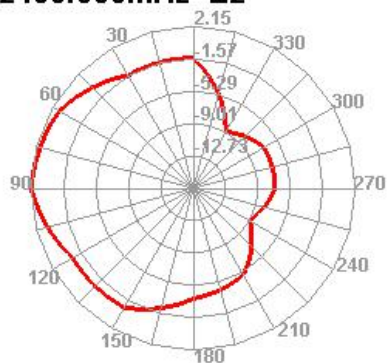
2400.000MHz H



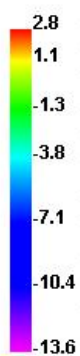
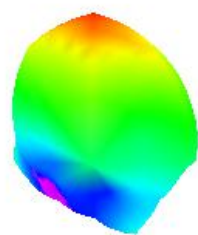
2400.000MHz E1



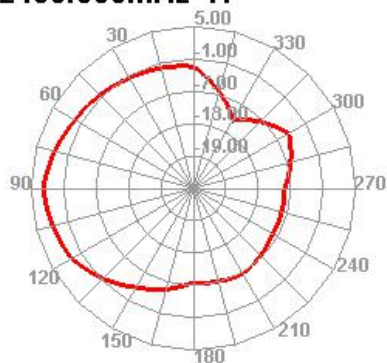
2400.000MHz E2



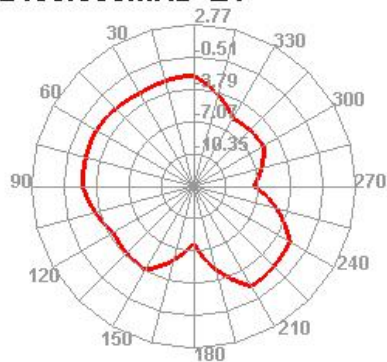
2450.000MHz



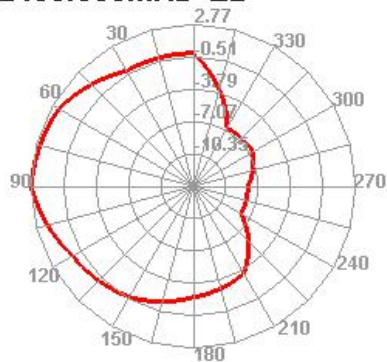
2450.000MHz H



2450.000MHz E1

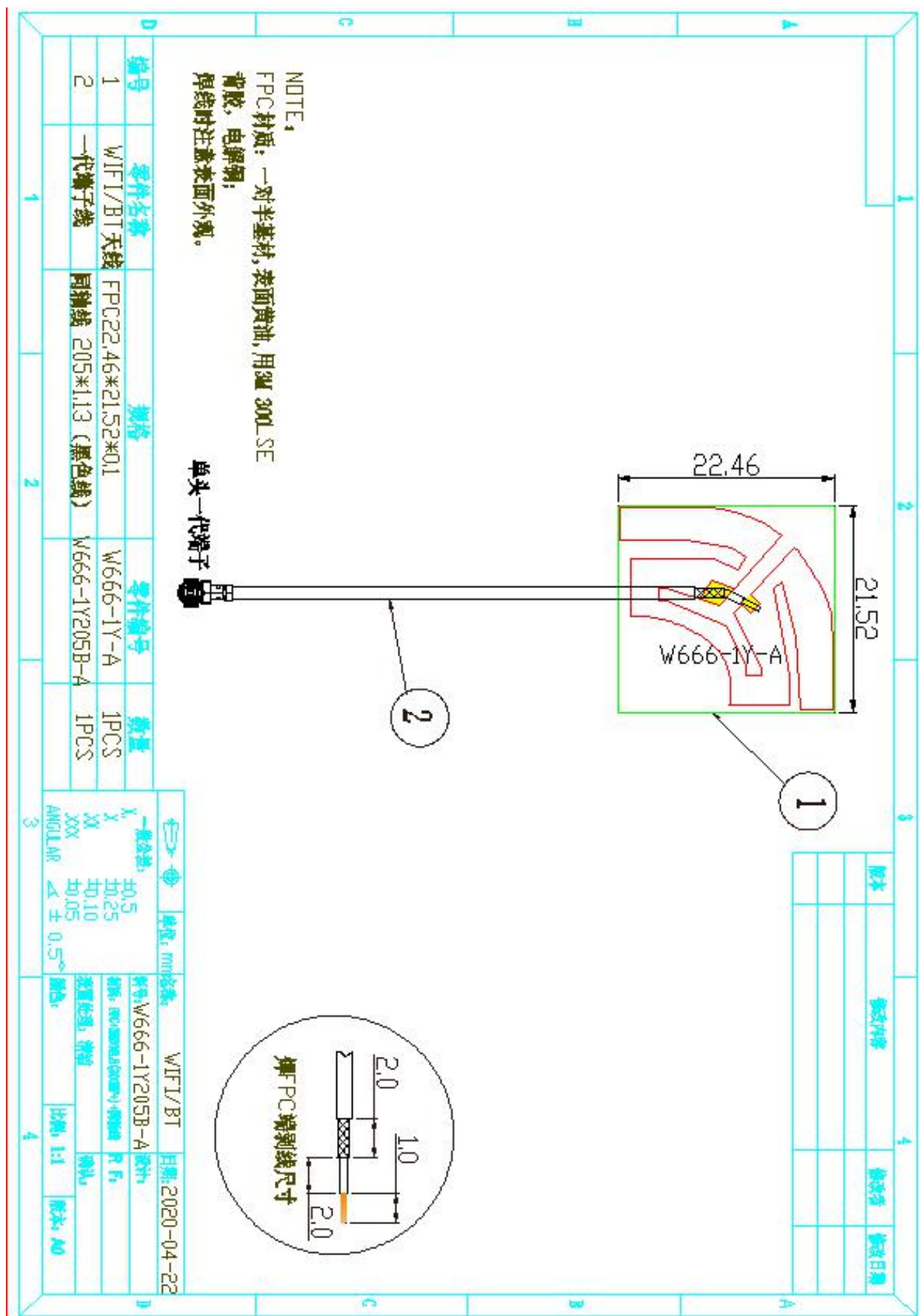


2450.000MHz E2





STRUCTURAL DRAWINGS:



PLACE:

