

SPECIFICATION FOR APPROVAL

CUSTOMER :	远传融创
PART NAME :	S2+A WIFI天线
PART NO. :	
DZZ NO. :	N12-7701-R0A
REV. :	1.0

	MANUFACTURERR SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY:		
DATE:		

Shenzhen be-comfortable technology.co.,LTD

深圳市得自在科技有限公司

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上海市盟钜科技有限公司

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Area,Shanghai

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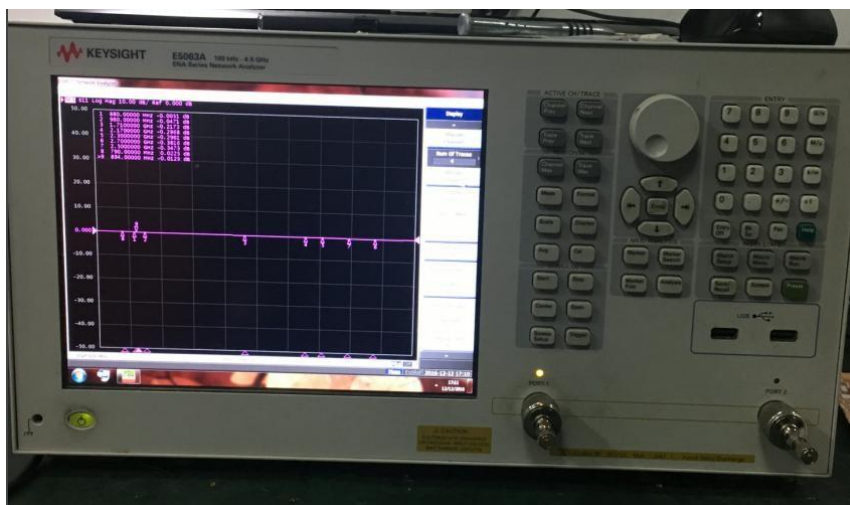
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1.RF Fixture Experiment

1.1 Test Setup

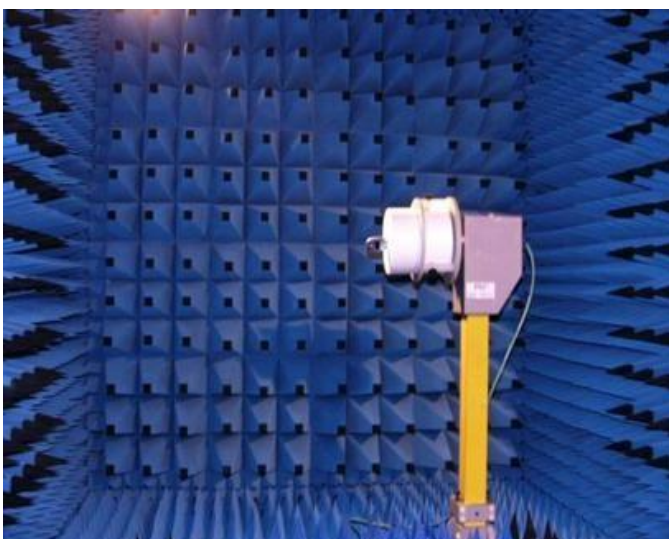
1.1.1 VNA Test Setup

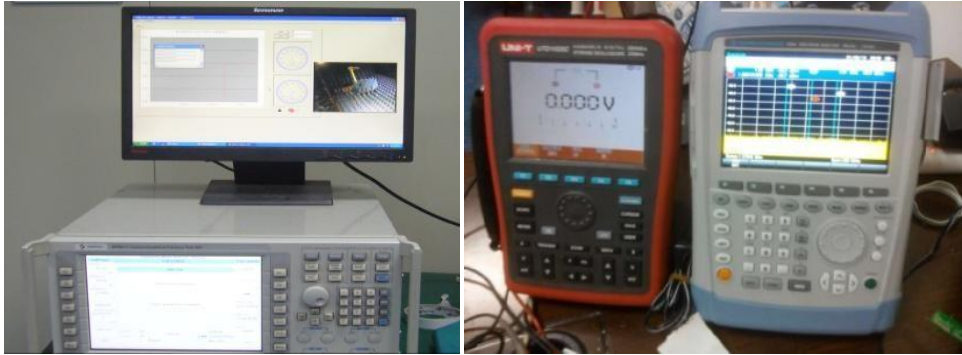
VSWR and Return Loss measurements (S11) were performed using an KeySight E5071C Network Analyzer. The isolation between antennas is also teste. The testing was performed with apparatus in free space.



1.1.2 Anechoic Chamber Test Setup

When we test Gain and Efficiency of the antenna, we will use the ETS 3D chamber. The chamber provides test frequency from 400MHz to 6GHz. The real test environment is showing as following picture



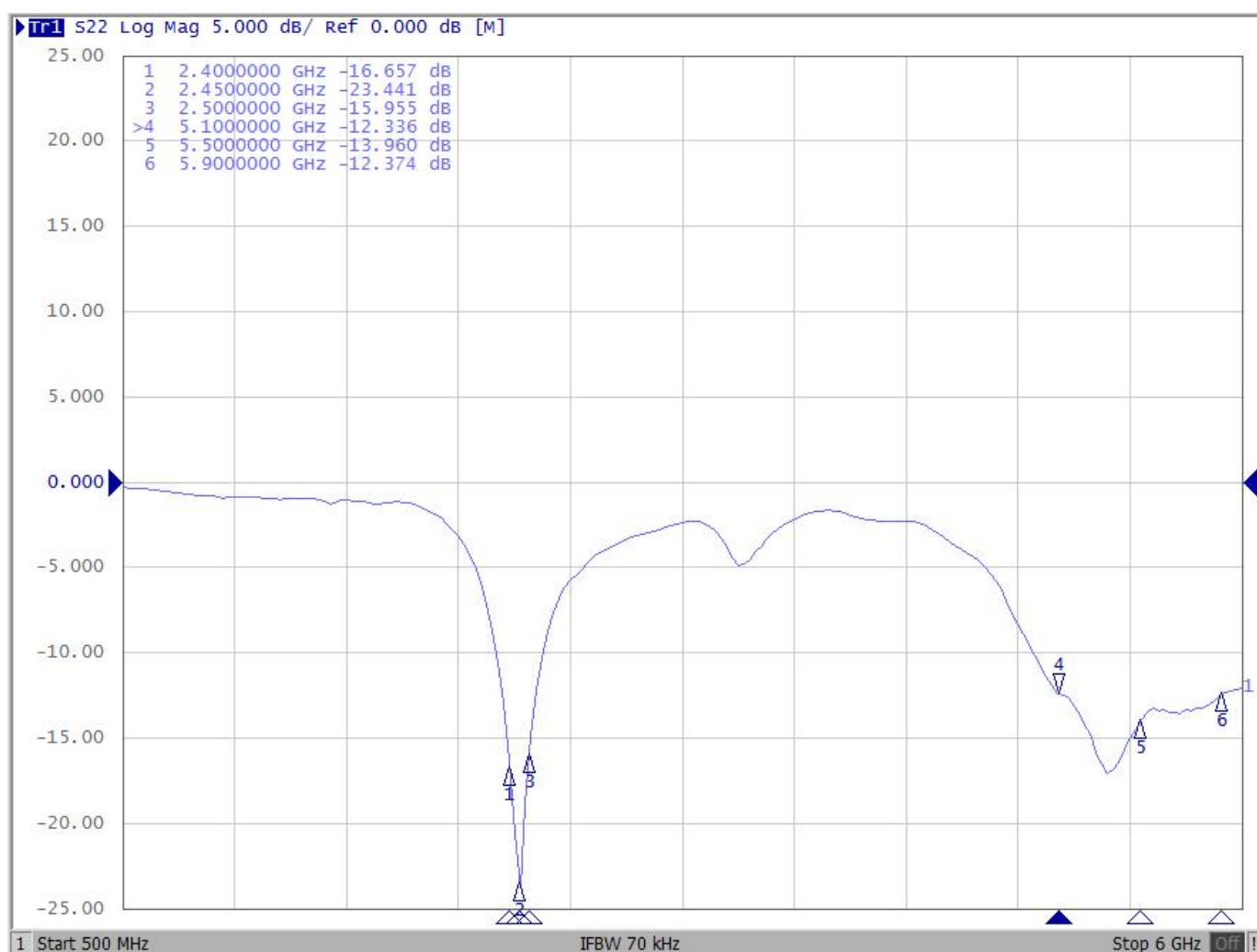


1.2 UE configuration

1.2.1 Antenna location pictures



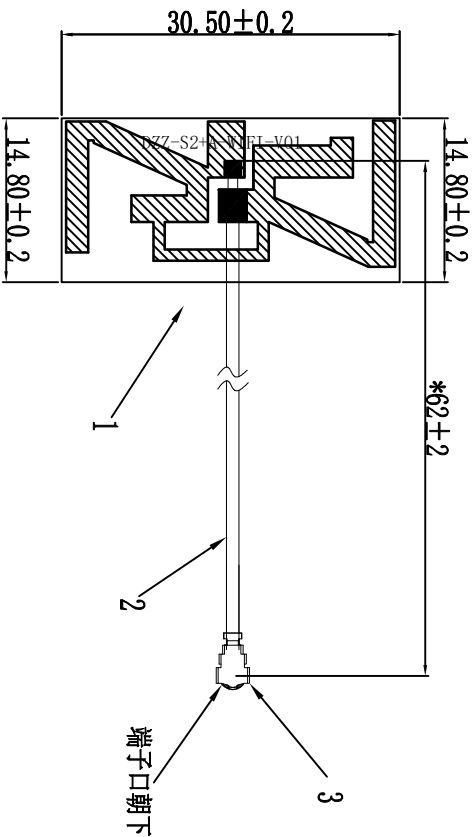
2. S11



3. Peak Gain & Efficiency

Frequency (MHz)	Gain(dBi)	Efficiency(%)
2400	2.04	62.48
2410	2.13	62.94
2420	2.15	63.58
2430	2.22	63.83
2440	2.31	62.94
2450	2.35	63.58
2460	2.38	63.77
2470	2.19	62.34
2480	2.21	62.58
2490	2.25	62.19
2500	2.17	61.57

Frequency (MHz)	Gain(dBi)	Efficiency(%)
5100	2.38	54.38
5200	2.34	54.83
5300	2.31	53.97
5400	2.44	54.61
5500	2.46	54.89
5600	2.55	55.13
5700	2.52	54.87
5800	2.46	54.61
5900	2.41	53.89



A diagram of a compliant robot with a single joint. It is represented as an oval divided into three horizontal sections. The top section is labeled "RoHS", the middle section is labeled "Compliant", and the bottom section is labeled "G P".

备注:

1. 标注“*”为重点尺寸，未标公差尺寸按照±0.15检测。
2. 未标注尺寸请依图纸。
3. 符合ROHS

No.	Name	Material	Color	Treatment	Amount	Remark
3	端子头	一代端子	金色		1	
2	射频线	Ø1.3, 单银线	蓝色		1	
1	WiFi	FPC	黑色		1	

深圳得自在科技有限公司				
SHEN ZHEN Be Comfortable CO., LTD				
	Third Angle	Project	Date	
0~10	±0.05	○	0.02	Part Name
WIFI			Designed by	
			2025.4.8	

[illegible]

产品包装规范

日期: 2025.4.8

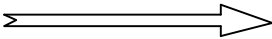
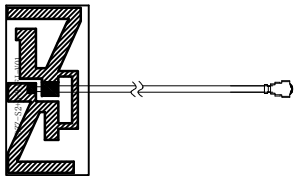
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成品类型: S2+A WIFI天线

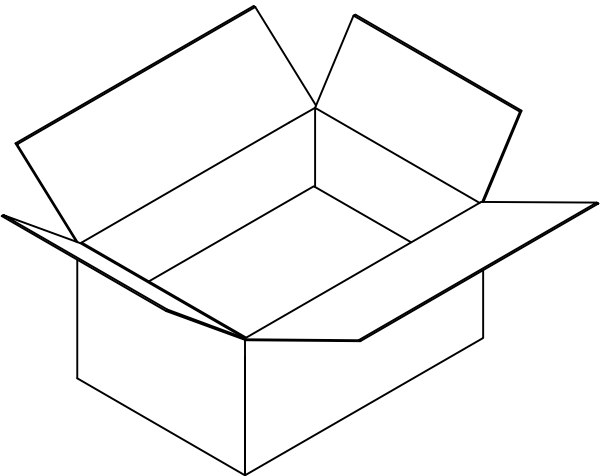
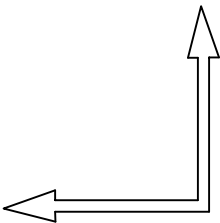
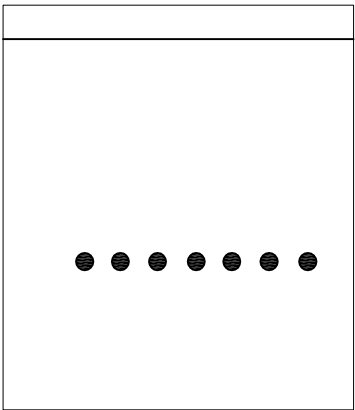
版本: A

客户:

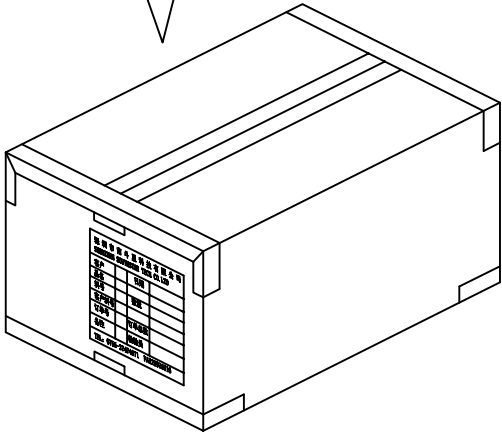
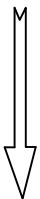
一: 成品天线



二: 用PE袋包装, 一袋装20pcs.



三: 装一箱, 一箱装12000PCS (以实际包装为准)



四: 封箱, 外箱贴我司生产标签和 ROHS标签.

批准: _____

确认: _____ 拟制: _____

田进

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