

**SHENZHEN QIXINTONTDA Technology
Co.,Ltd.**

Antenna Test Report

Item: GF018

Band: BT antenna

Engineering: FU (137 6016 7811)

Date: March 20,2023

1. Test Project

	Test Project	Equipment
S Parameter	1. Return Loss (RL) 2. VSWR 3. Gain&Efficiency	Network Analyzer: Agilent 5071B

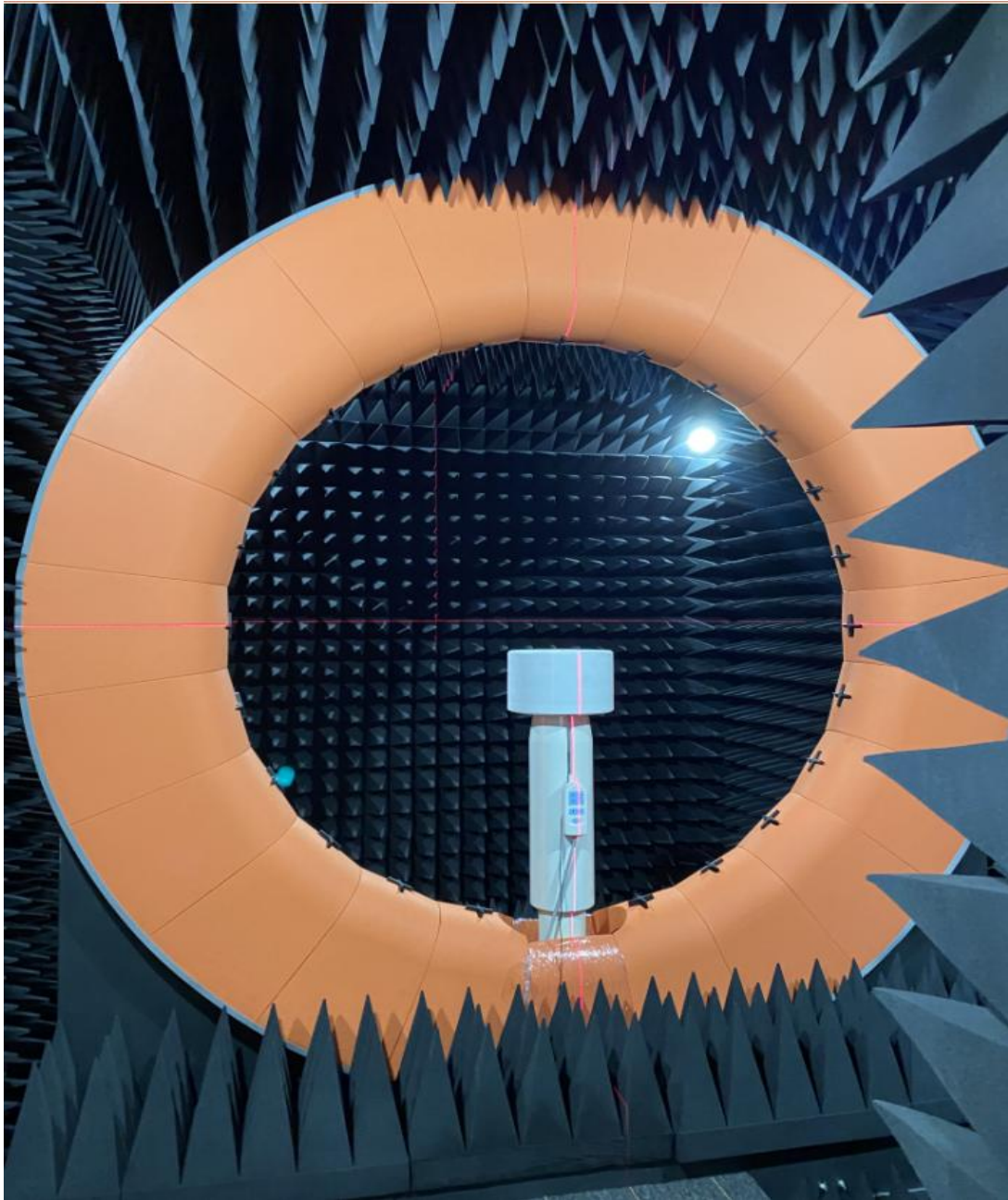
2. Test Equipment



Agilent 5071B (S Parameter RL/VSWR Test Equipment)

Agilent 5071B (Gain&Efficiency Test Equipment)

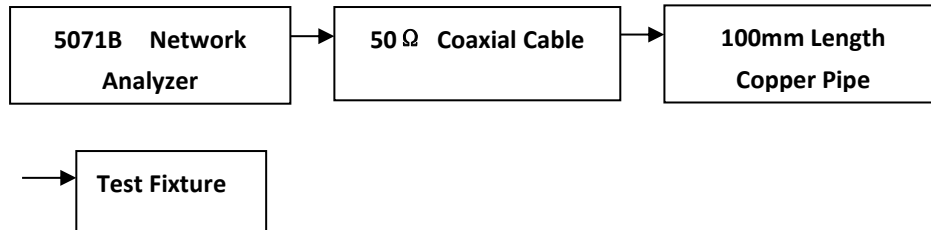
3. Test Environment



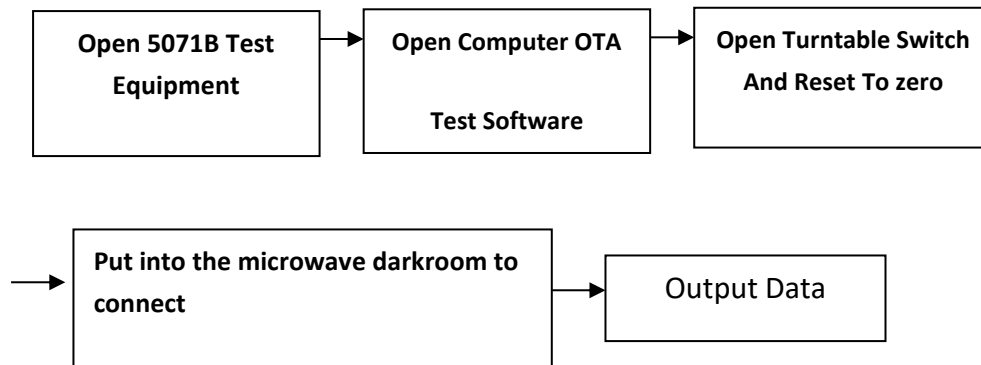
Microwave Anechoic Chamber

4. Test Steps

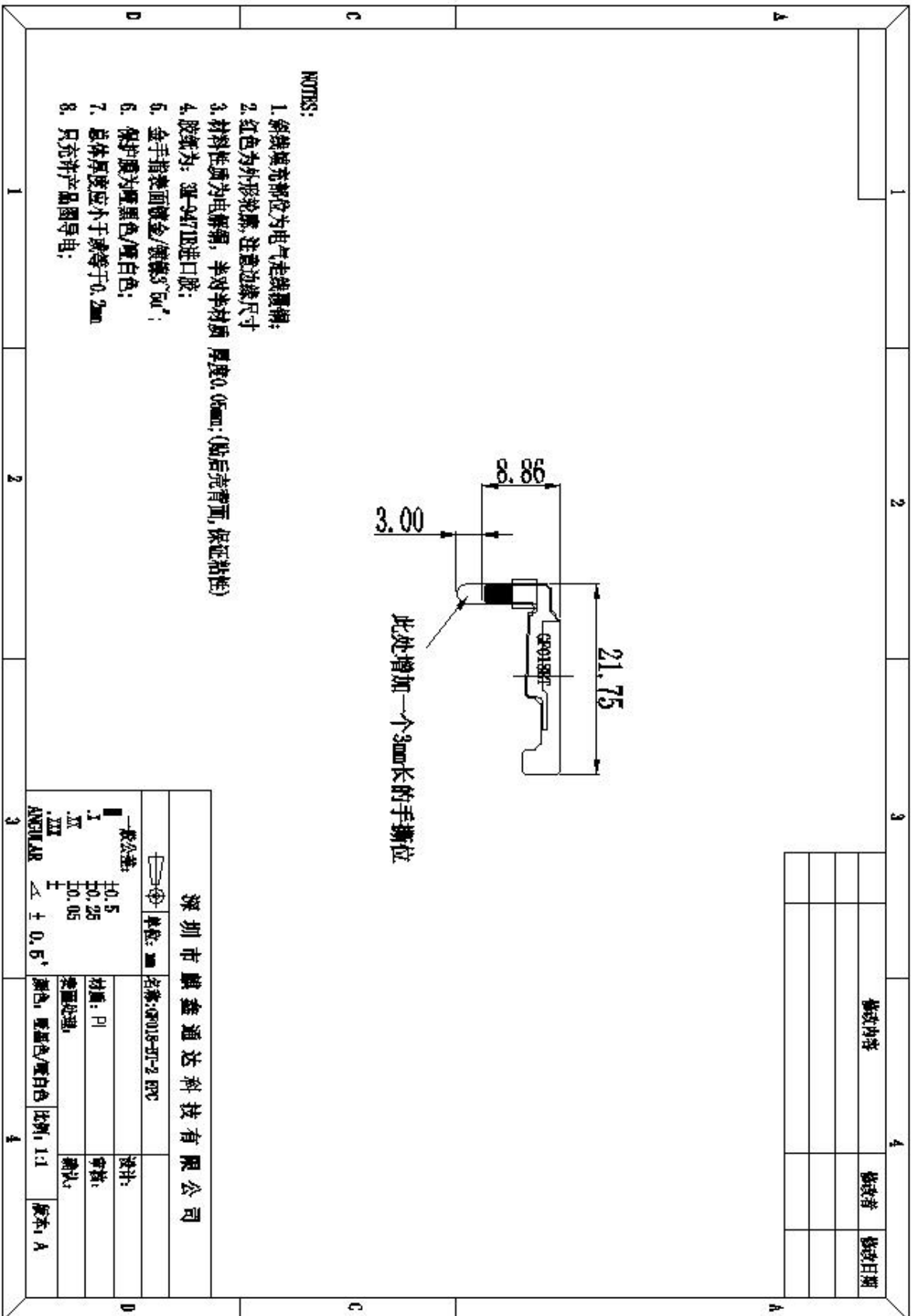
Passive VSWR/RL Test Steps:



Gain & Efficiency Test Steps:



5. Antenna Dimensions



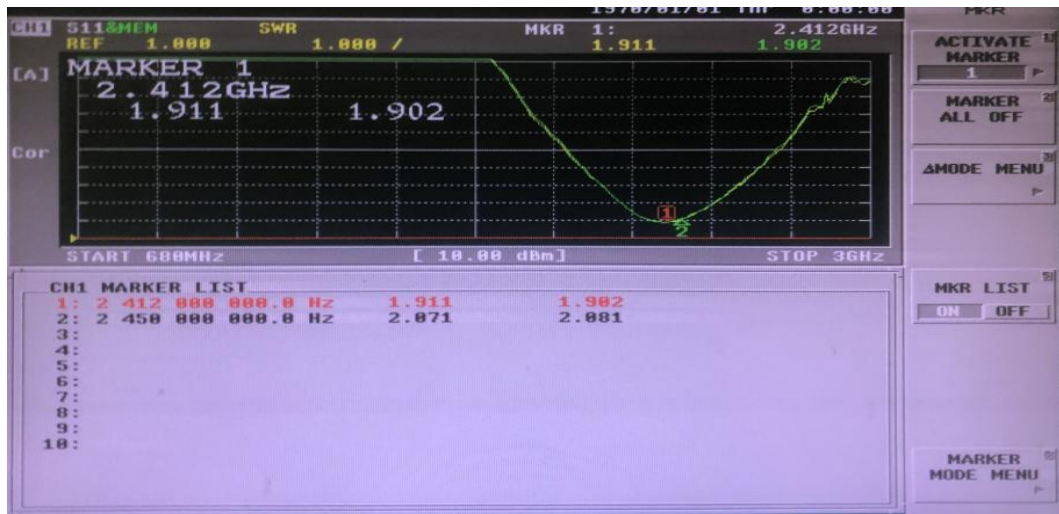
NOTES:

1. 铜线填充部位为电气走线覆铜;
2. 红色为外形轮廓, 注意边缘尺寸
3. 材料性质为电解铜, 半对半材质 厚度0.05mm; (贴后壳背面, 保证粘性)
4. 胶纸为: 3M-9471B进口胶;
5. 金手指表面镀金/镀镍5^μm;
6. 保护膜为黑色/覆白色;
7. 总体厚度应小于或等于0.2mm
8. 只允许产品图导电;

深圳市麒鑫通达科技有限公司			
	单位: mm	名称: 0901B-5T-2 PCB	设计:
一般公差:			审核:
I ±0.5			确认:
II ±0.25			版本: A
III ±0.05			
IV ±0.05			
V ±0.05			
VI ±0.05			
VII ±0.05			
VIII ±0.05			
IX ±0.05			
X ±0.05			
XI ±0.05			
XII ±0.05			
XIII ±0.05			
XIV ±0.05			
XV ±0.05			
XVI ±0.05			
XVII ±0.05			
XVIII ±0.05			
XIX ±0.05			
XX ±0.05			
XXI ±0.05			
XXII ±0.05			
XXIII ±0.05			
XXIV ±0.05			
XXV ±0.05			
XXVI ±0.05			
XXVII ±0.05			
XXVIII ±0.05			
XXIX ±0.05			
XXX ±0.05			

修改内容	修改者	修改日期

6. Antenna SWR



7. Antenna Gain & Efficiency

Band	Max Gain	Efficiency
Bluetooth	-0.3	36%

8. 3D Lobe Diagram

