



深圳市德仕勤科技有限公司

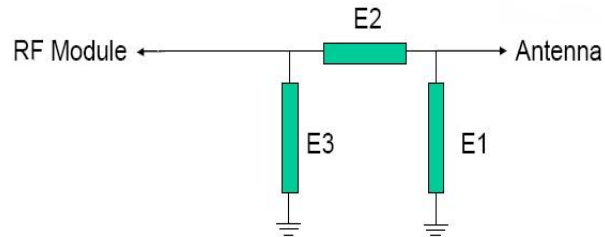
Shenzhen Deshiqin technology Co., LTD

Antenna Test Report

天线增益Antenna Gain	-1.31dbi
项目名称Project name	Bluetooth watch
调试频段 Commissioning band	BT
版本号Version number	V1.0
射频 engineer ing	Chen Gong 13126483572
Report time	2023-09-15

1.The Equipment of Active Test

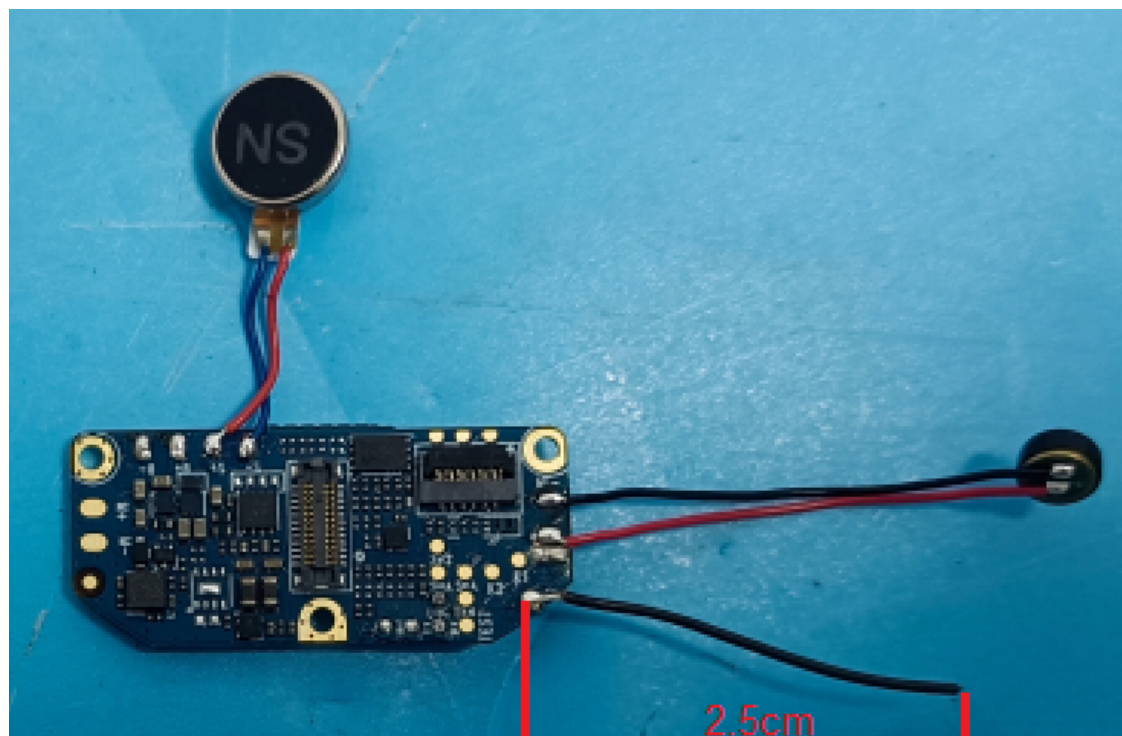
1. ETS Chamber 7×4×3(m)(3D Dysphonia)
2. Vector Network Analyzer (passive tester)
3. Network analyzer-8960/LTE CMW500/8820 支持 2G、3G、4G 网络.
4. Matching Circuit 主天线 (匹配无更改)



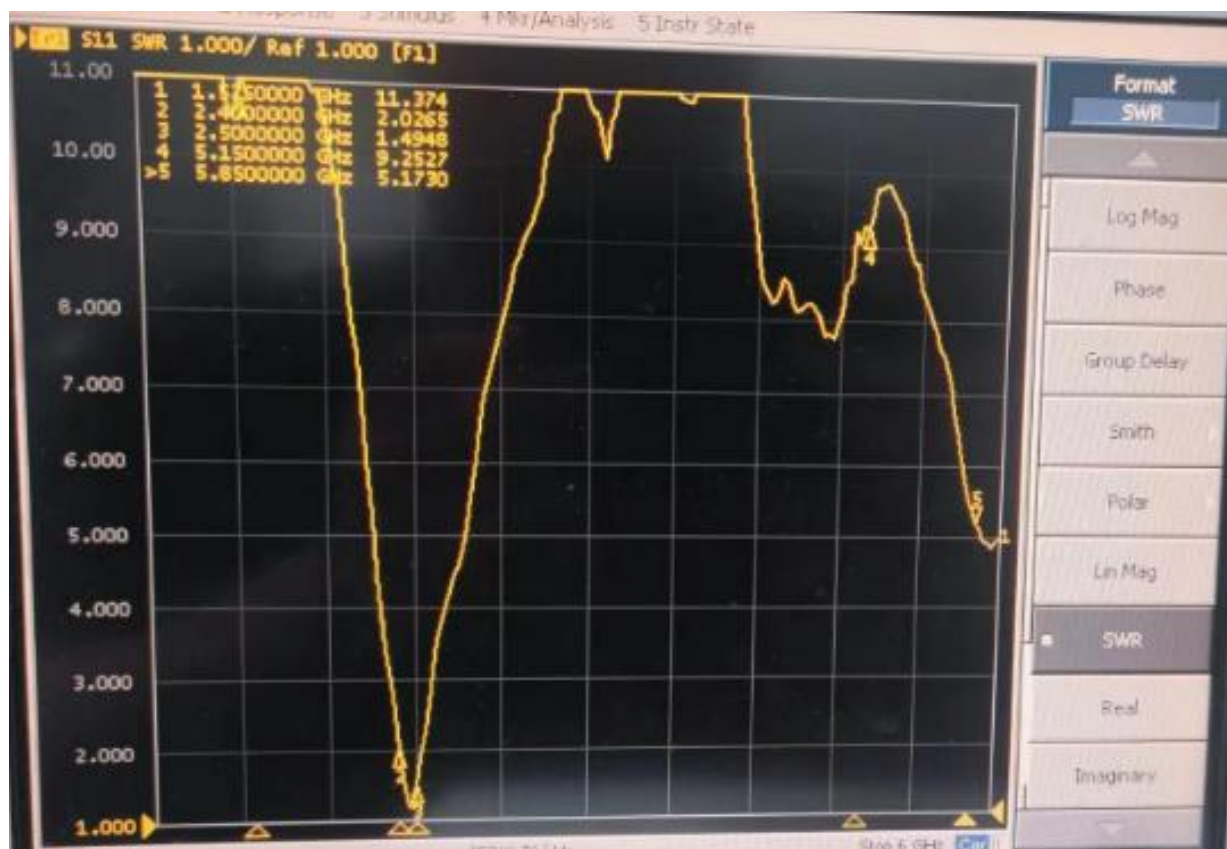
Element	Matched value
E1(0201)	
E2(0201)	
E3(0201)	

注：

Antenna size chart



Passive standing wave ratio diagram:

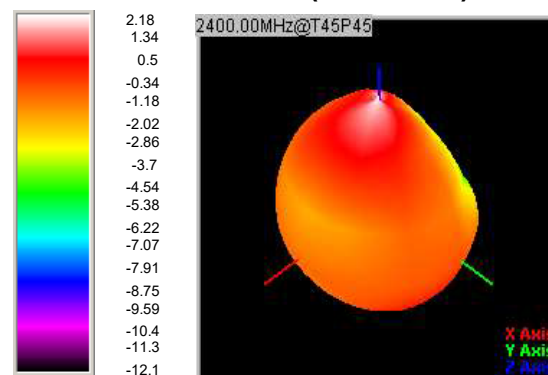


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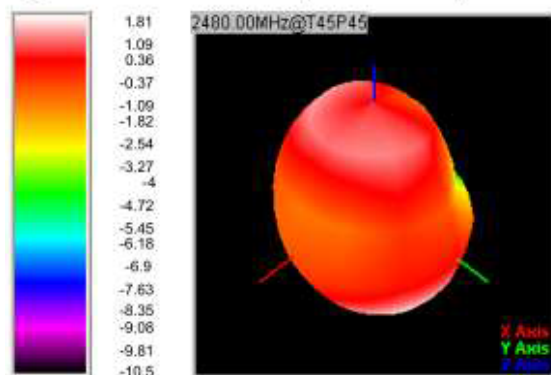
Passive efficiency/gain

Passive Test For 2400-2480		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	21.58	-1.75
2440	23.28	-1.31
2480	22.16	-1.59

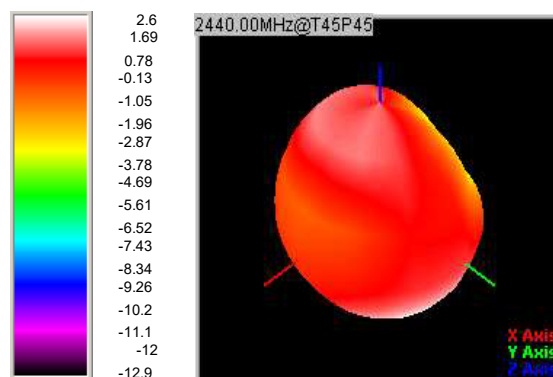
◎ 3D Gain Pattern (2400 MHz)



◎ 3D Gain Pattern (2480 MHz)



◎ 3D Gain Pattern (2440 MHz)



Category	Total
1	8.5
2	7.5
3	6.5
4	5.5
5	4.5
6	3.5
7	2.5
8	3.5
9	4.5
10	5.5
11	6.5
12	7.5



实测距离：（带手上隔人身 360 度转身实测）

