

Customer	Lingdu
Project Name	V280
Customer NO.	
specification	2. 4GHz-2. 5GHz FPC+cable
Supplier NO.	N12-6858-ROA
Specification NO.	
Write by	Mingchao. Zhang
REV.	Ver.1
Date	2021/7/8
Note	

CUSTOMER APPROVED BY		
Approved by	Checked by	Prepared by
SUPPLIER APPROVED BY		
Approved by	Checked by	Prepared by

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2. Test Equipment & Conditions

2.1. **Network Analyzers** : KEYSIGHT P5002A

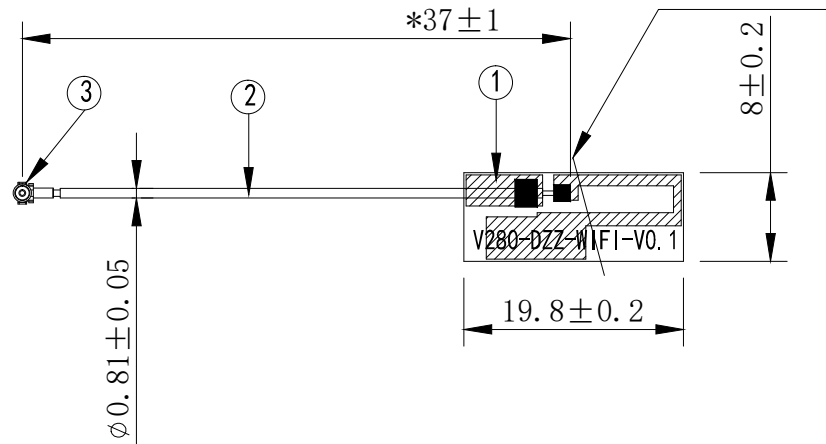
2.2. **Communications Test Set**: R&S CMW 500

2.3. **3D Chamber Test System**: 64 TEST System



1	2	3	4	5	6	7	8	
					Rev	Description	Date	Remark
					A	New drawing		

Release paper separation line



技术要求:

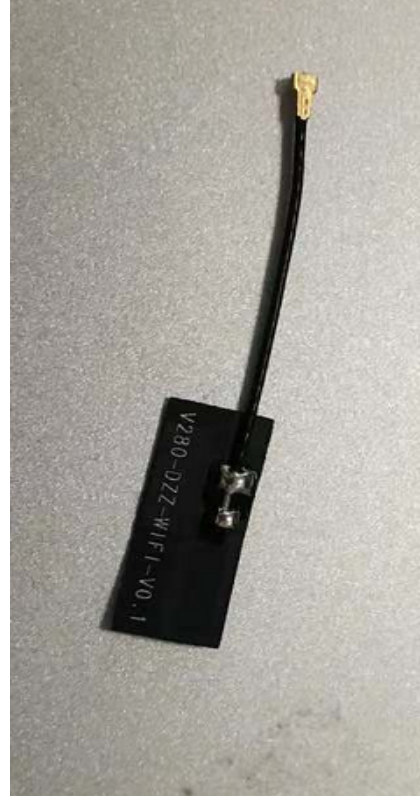
1. 标“*”尺寸为重点管控尺寸;
2. 未标注尺寸依照图纸;
3. 无虚焊、假焊、连锡、短路、断路等焊接不良现象;
4. 所有部件需符合RoHS要求;
5. 成品需全检性能。

3		端子	3代端子	1	
2		同轴线	Ø0.81*37mm单银线黑色	1	
1		FPC	PI电解铜单面板 黑色	1	
No.	Part No.	Name	Specification	Amount	Remark
1	2	3	4	5	6

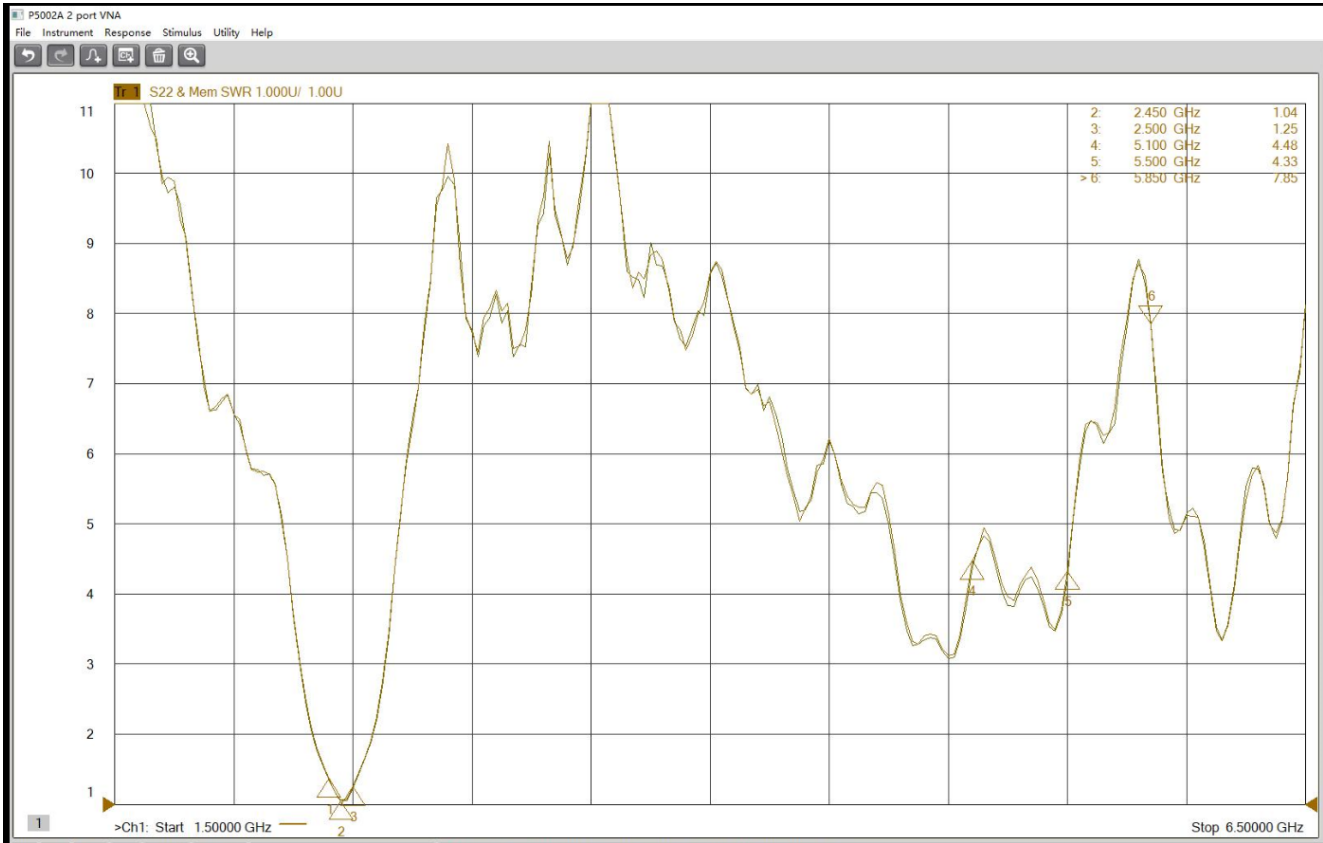
Be-Comfortable —— 得自在 ——		深圳市得自在科技有限公司 SHEN ZHEN BE-COMFORTABLE CO., LTD					
Third Angle		Project	V280	Date	2021-07-24		
0~10	±0.05	○	0.02	Part Name	WIFI天线		
10~18	±0.10	◎	Ø0.03	Part No.	N12-6858-R0A		
18~30	±0.12	⊥	0.02	Material	/		
30~40	±0.15	▱	0.04	DWG No.	N12-6858-R0A		
40~	±0.20	Angle	±0.5°				
Location		Unit	mm	Scale	1:1	Rev	A

1	2	3	4	5	6	7	8
				Unit	mm	Scale	1:1
				Rev	A		


3. Mechanical instruction



4. VSWR



Antenna efficiency

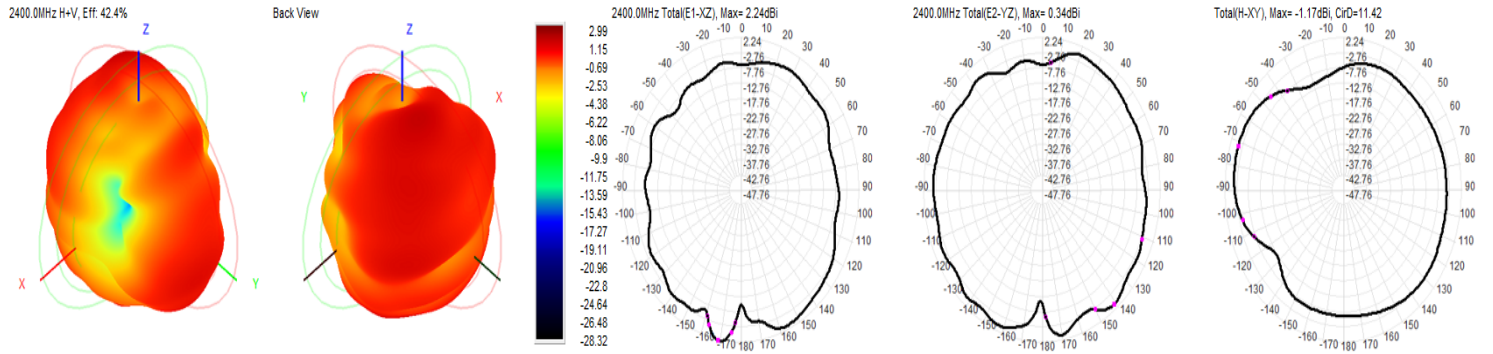


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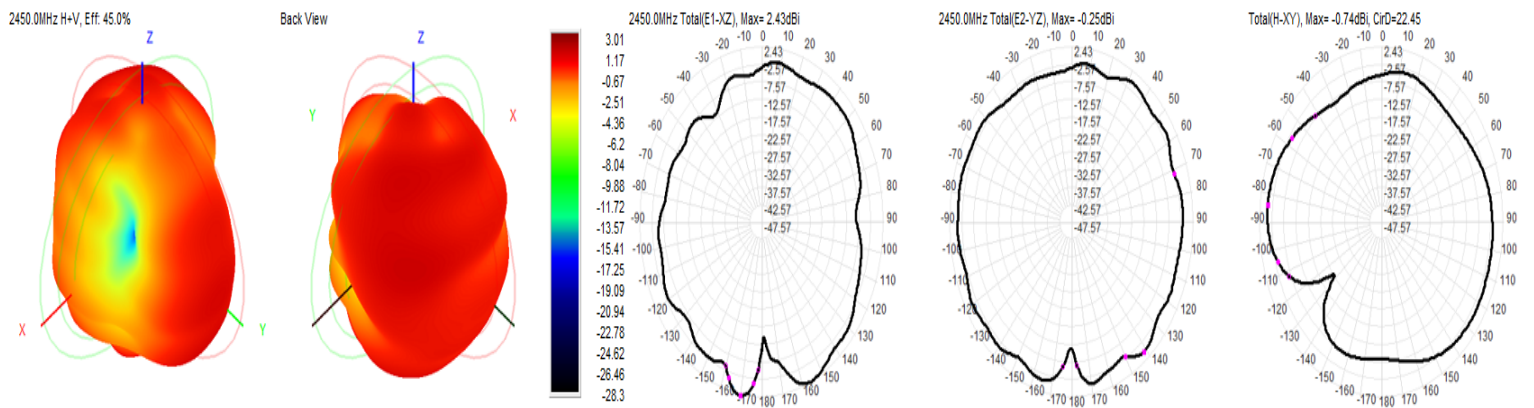
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-3.72	-3.60	-3.48	-3.36	-3.38	-3.47	-3.54	-3.53	-3.63	-3.82	-3.83
Gain (dBi)	2.99	2.99	2.97	3.12	3.14	3.01	2.83	2.74	2.58	2.40	2.26
Efficiency (%)	42.42	43.66	44.89	46.17	45.96	45.01	44.23	44.40	43.35	41.52	41.50

5. 3D、2D drawing

2.4G



2.45G



2.5G

