

Customer	Lingdu
Project Name	V280
Customer NO.	
specification	2. 4GHz-2. 5GHz FPC+cable
Supplier NO.	N12-6858-R0A
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

1. Index

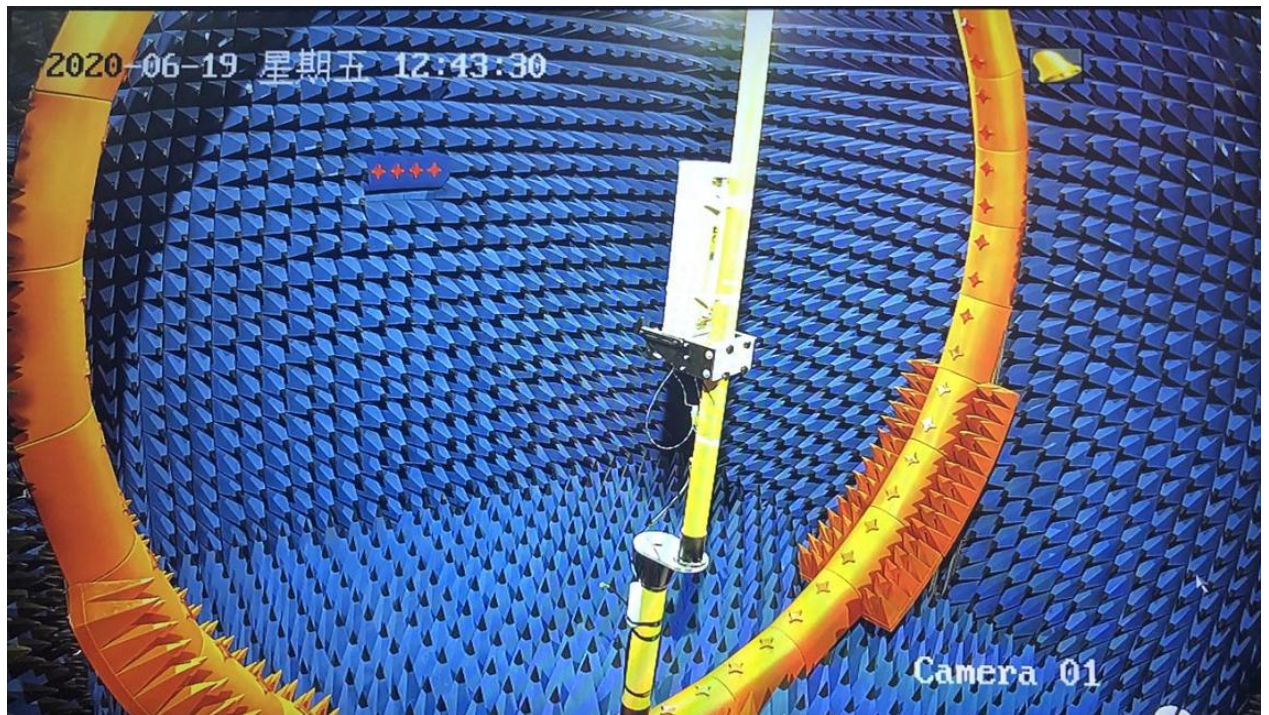
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2. Test Equipment & Conditions

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				
A										A					
B										B					
C										C					
D										D					

Release paper separation line

技术要求:

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

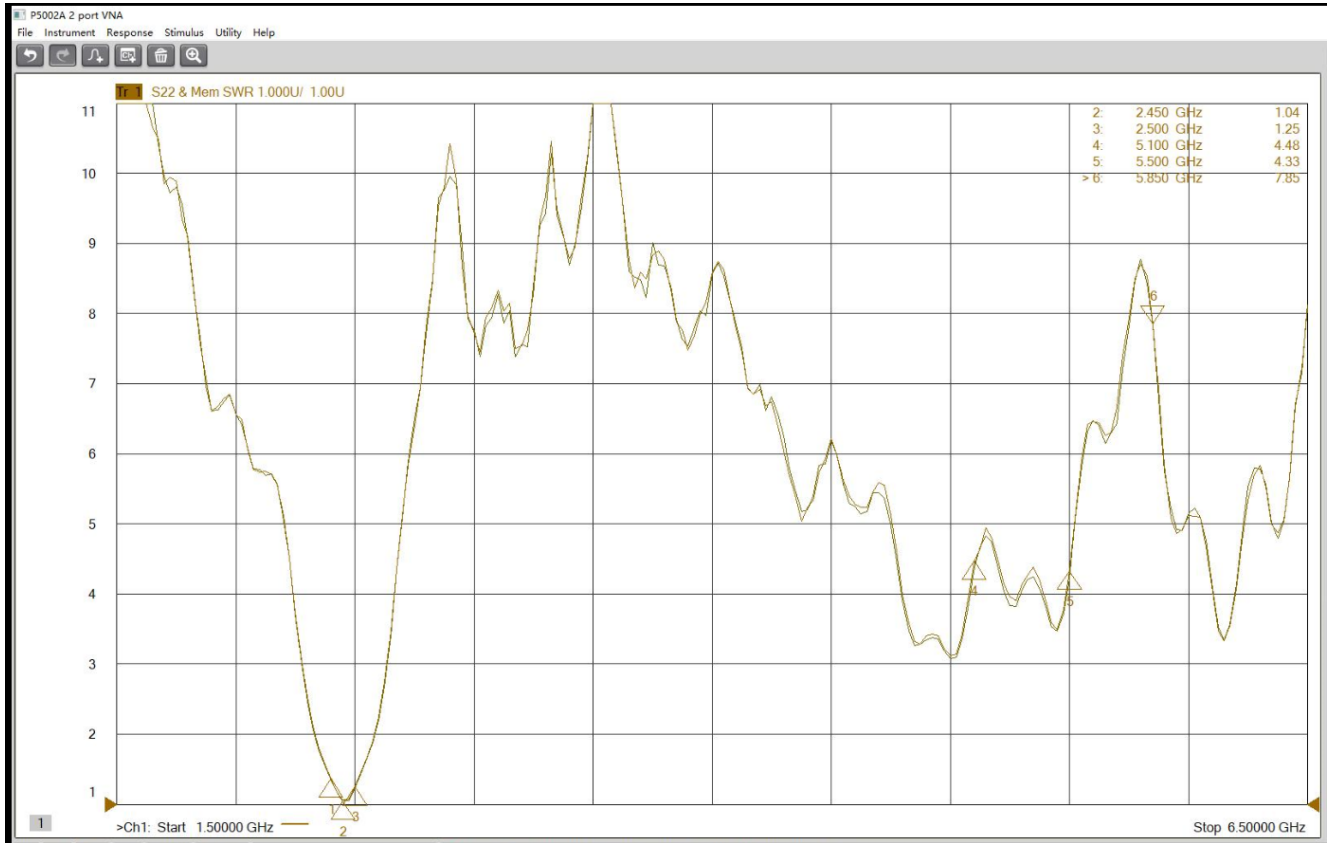
3		2		1		1		1		1		1		1	
No.	Part No.	Name	Specification	Amount	Remark										
1		端子	3代端子	1											
2		同轴线	Ø0.81*37mm单银线黑色	1											
3		FPC	PI电解铜单面板 黑色	1											

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				Part Name		WIFI天线		Designed by		王烈安					
10~18 ±0.10				Part No.		N12-6858-R0A		Checked by		MD					
18~30 ±0.12				Material		/		RF		张明超					
30~40 ±0.15				DWG No.		N12-6858-R0A		Approved by							
40~ ±0.20				Unit		mm		Scale		1:1		Rev		A	
Angle ±0.5°				Location											

3. Mechanical instruction



4. VSWR



Antenna efficiency

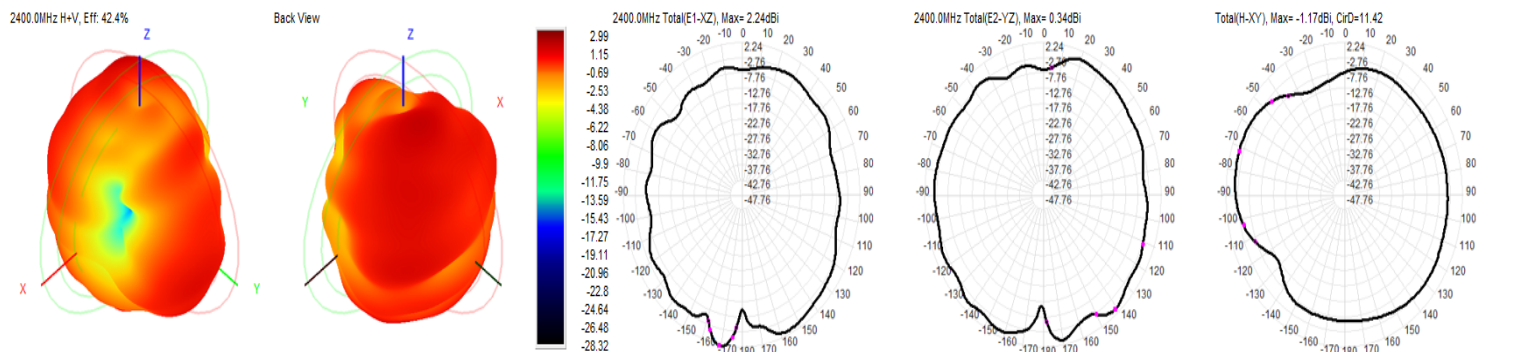


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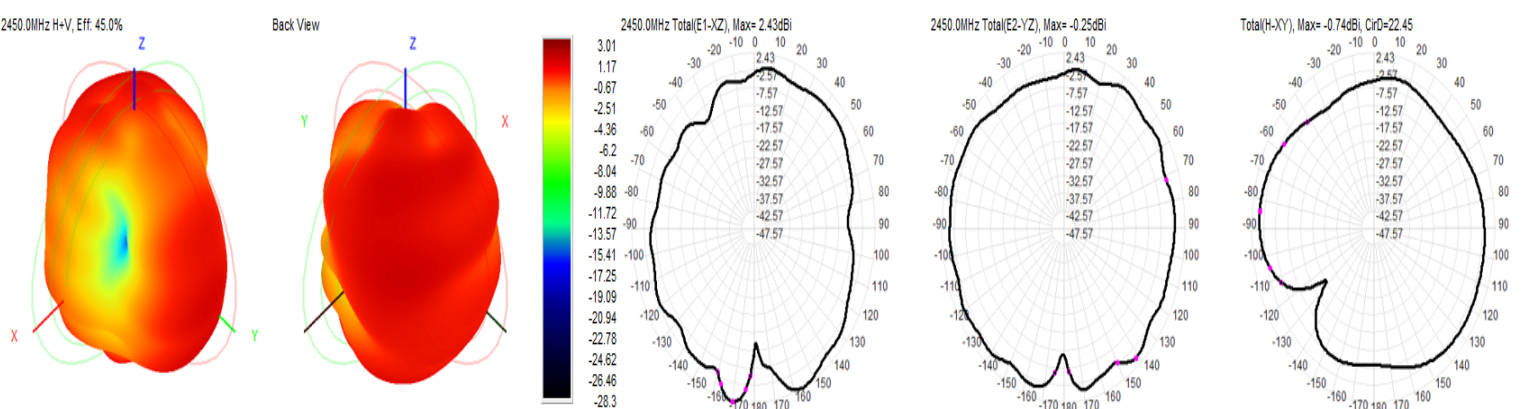
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-3.72	-3.60	-3.48	-3.36	-3.38	-3.47	-3.54	-3.53	-3.63	-3.82	-3.83
Gain (dBi)	2.99	2.99	2.97	3.12	3.14	3.01	2.83	2.74	2.58	2.40	2.26
Efficiency (%)	42.42	43.66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

