



深圳市乐进射频科技有限公司

Shenzhen Lejin Radio frequency technology Co.,Ltd

测试报告/Test Report

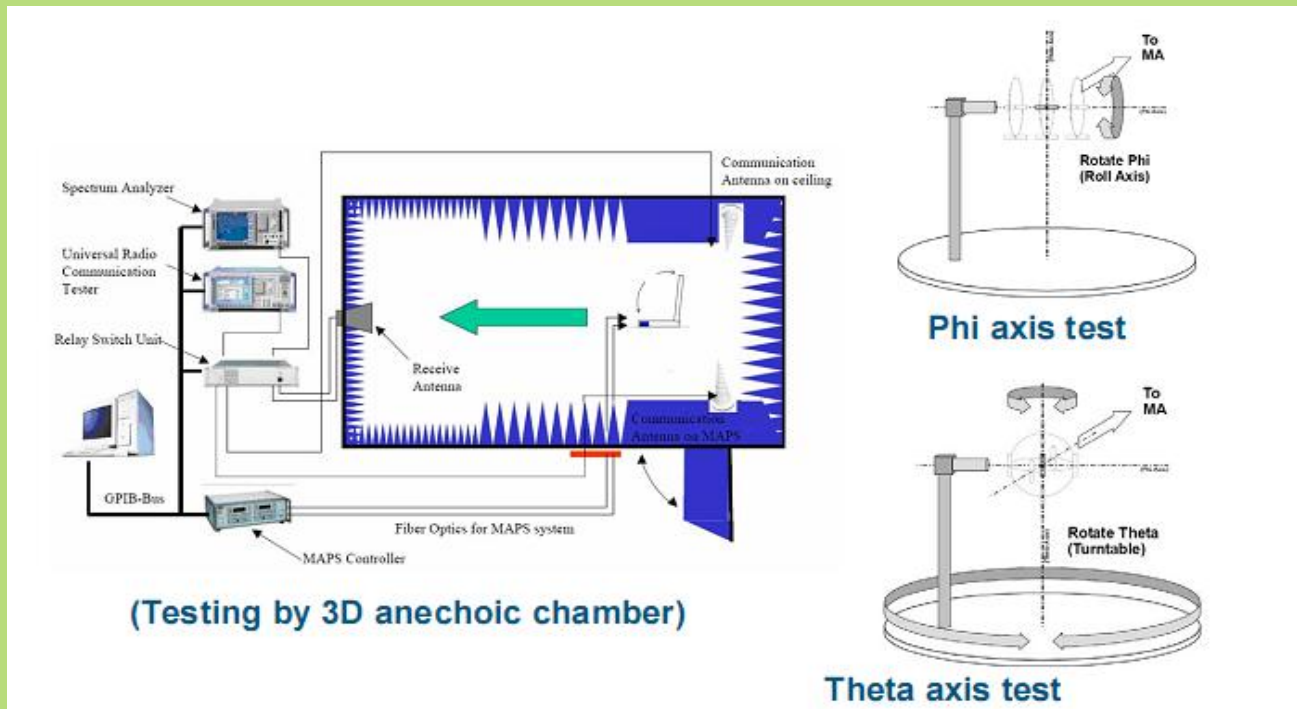
项目名称/Project Name: 88T

日期/Data: 2021-12-10



测试设备/Test equipment

1. **Network Analyzers :**
Agilent 8753D 5071B
2. **Communications Test Set:**
Agilent CMW500
3. **3D Chamber Test System**



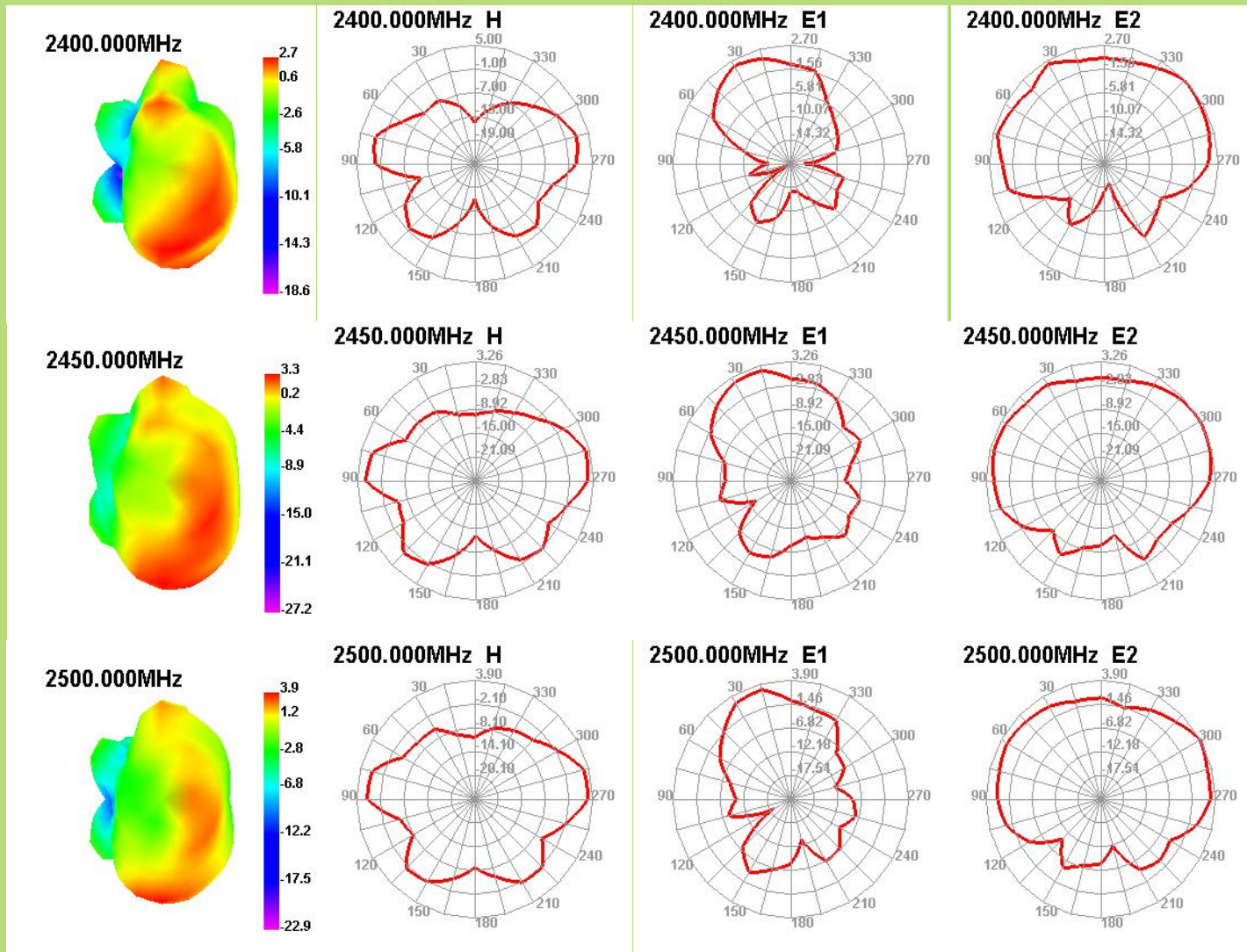


Passive test-WIFI 2.4G

Passive Test For 2.4G		
Freq(MHz)	Effi(%)	Gain(dBi)
2400	52.97	2.70
2410	50.04	2.51
2420	54.05	2.98
2430	51.14	2.84
2440	57.60	2.95
2450	56.33	2.86
2460	58.45	2.92
2470	53.78	2.91
2480	57.80	2.72
2490	55.68	2.55
2500	59.42	2.19



Radiation pattern-WIFI 2.4G





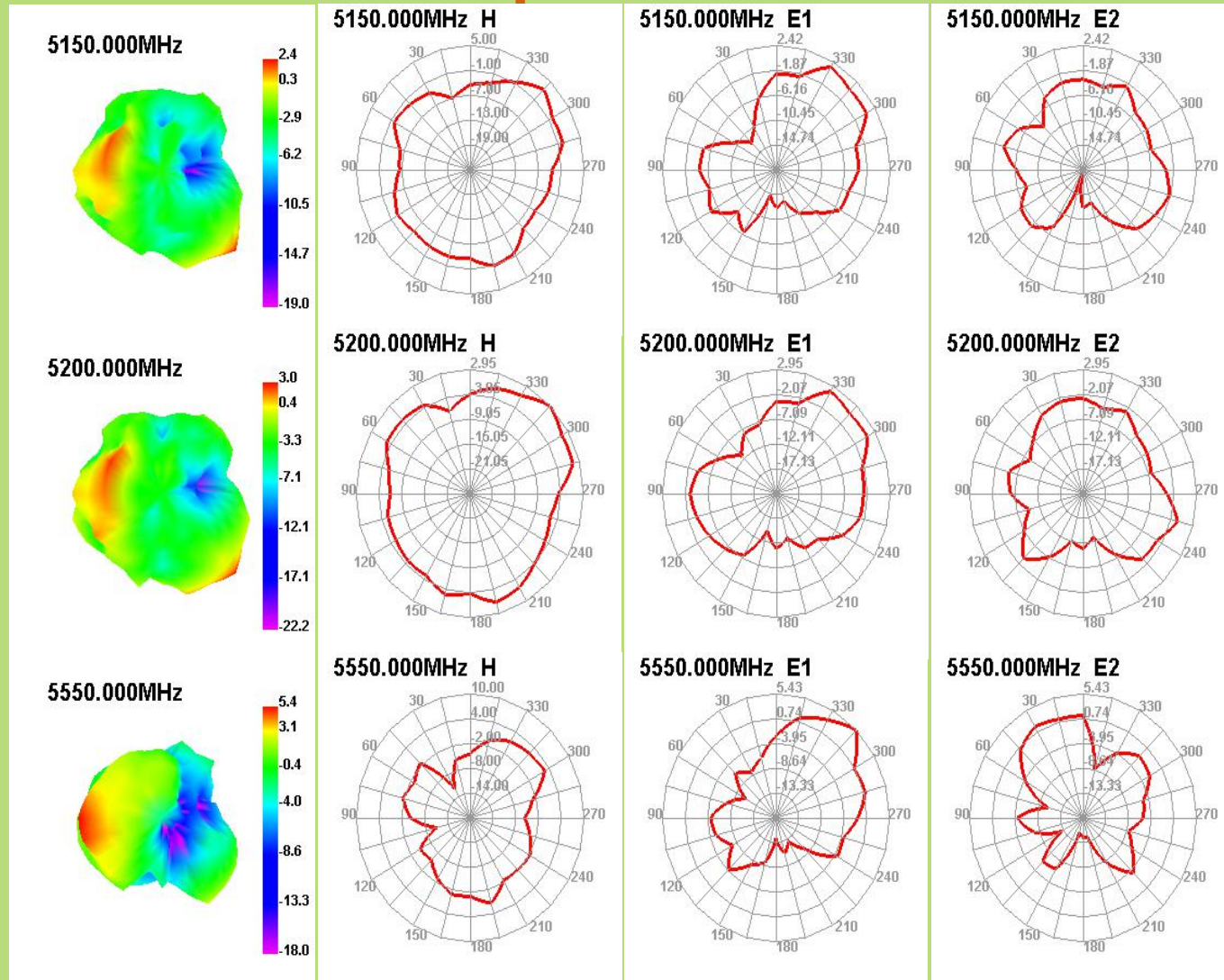
Passive test-WIFI 5G

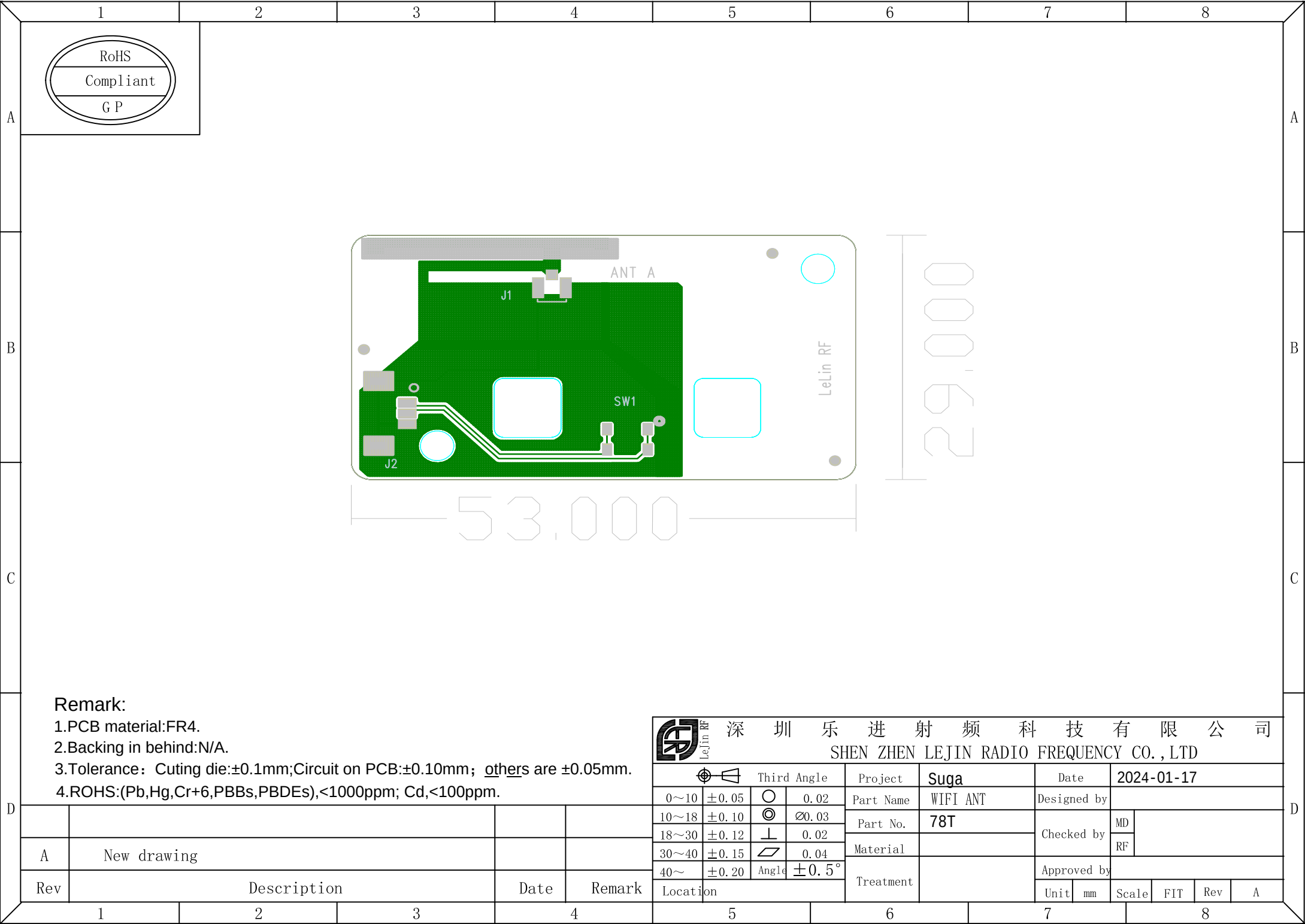
Passive Test For WIFI 5G		
Freq(MHz)	Effi(%)	Gain(dBi)
5150	43.39	2.52
5200	45.89	3.07
5250	47.44	3.17
5300	47.16	2.74
5350	48.39	3.33
5400	54.96	3.37
5450	51.11	3.33
5500	52.68	3.39
5550	54.19	3.35
5600	55.67	3.46
5650	53.12	3.41

Passive Test For WIFI 5G		
Freq(MHz)	Effi(%)	Gain(dBi)
5700	55.66	3.47
5750	55.10	3.42
5800	53.40	3.35
5850	52.49	3.45
5900	52.04	2.89
5950	51.37	3.30
6000	50.47	3.31



Radiation pattern-WIFI 5G





Remark:

- 1.PCB material:FR4.
- 2.Backing in behind:N/A.
- 3.Tolerance: Cutting die:±0.1mm;Circuit on PCB:±0.10mm; others are ±0.05mm.
- 4.ROHS:(Pb,Hg,Cr+6,PBBs,PBDEs),<1000ppm; Cd,<100ppm.

LeJin RF 深 圳 乐 进 射 频 科 技 有 限 公 司 SHEN ZHEN LEJIN RADIO FREQUENCY CO.,LTD											
		Third Angle		Project		Suga		Date		2024-01-17	
0~10	±0.05		0.02	Part Name		WIFI ANT		Designed by			
10~18	±0.10		Ø0.03	Part No.		78T		Checked by		MD	
18~30	±0.12		0.02								
30~40	±0.15		0.04	Material						RF	
40~	±0.20	Angle	±0.5°	Treatment				Approved by			
Location								Unit	mm	Scale	FIT



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Thank you