



1.Antenna Specification/天线技术参数

1.1: Electrical Specification/电气特性	
Freq.Range/频段范围（MHz）	2400-2500； 5100-5850
Impedance/输入阻抗（Ω）	50
VSWR/驻波比	≤3.0
Directional/辐射方向	Omni directional/全向性
Polarization/极化方式	Linear/线极化
Peak Gain/最大增益（dBi）	3.22
Efficiency效率	2400-2500MHz: ≥30%
	5100-5850MHz: ≥40%
1.2: Mechanical Specification/机械指标	
Antenna Size/天线尺寸	37.8*14.2mm
Material/材质	FPC
RF Cable Type/射频线型号	RF0.81
Connector Type/连接器类型	N/A
Pulling force/拉拔力	0.8kgf
Salt spray test/盐雾试验	48H
1.3: Environmental Specification/环境指标	
Operation temp/工作温度	-40℃～+85℃
Storage temp/储存温度	+19℃～+23℃



2. Antenna Picture and Installation Instructions/天线图片及安装说明

2.1: Antenna Picture/天线图片



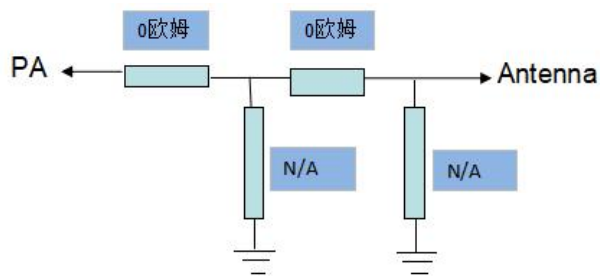
2.2: Installation Instructions/安装说明





3.Test Report/测试报告

3.1: The matching circuits/匹配电路



3.2: Active test data/有源测试数据

1#WIFI测试数据					2#WIFI测试数据			
Band	Channel	TRP	TIS		Band	Channel	TRP	TIS
2.4G	Low	16.21	-73.21		2.4G	Low	15.89	-73.25
	Mid	16.68	-74.1			Mid	16.13	-74.89
	High	14.32	-75.68			High	14.25	-75.62
5G	Low	12.33	-69.56		5G	Low	12.19	-68.72
	Mid	13.14	-68.25			Mid	13.25	-68.33
	High	13.55	-68.34			High	13.27	-68.15

3.3: Pactive test data/无源测试数据

Freq (MHz)	Effi (%)	Gain (dBi)		Freq (MHz)	Effi (%)	Gain (dBi)
2400	48.1	1.68		5450	50.74	2.27
2410	51.63	1.88		5460	52.56	2.37
2420	50.79	1.7		5470	52.3	2.28
2430	51.41	1.8		5480	55.15	2.39
2440	50.62	1.93		5490	51.44	1.96
2450	47.48	1.81		5500	54.17	2.07
2460	45.35	1.4		5510	47.07	1.34
2470	43.97	1.26		5520	49.34	1.43
2480	45.36	1.66		5530	50.17	1.37
2490	45.51	1.75		5540	50.19	1.23
2500	43.79	1.6		5550	53.84	1.55
				5560	50.74	1.4
5150	32.27	-1.02		5570	51.93	1.58
5160	31.98	-1.02		5580	49.22	1.53
5170	31.44	-1.08		5590	53.97	2.07
5180	35.64	-0.5		5600	55.53	2.37
5190	34.09	-0.69		5610	52.96	2.3
5200	36.17	-0.43		5620	53.99	2.5
5210	35.93	-0.41		5630	50.87	2.41
5220	37.94	-0.14		5640	54.62	2.84
5230	38.71	-0.13		5650	53.97	2.9
5240	36.65	-0.39		5660	56.46	3.22
5250	42.34	0.12		5670	55.77	3.18
5260	41.08	-0.05		5680	52.73	3.04
5270	41.5	-0.06		5690	51.53	2.91
5280	39.69	-0.08		5700	49.75	2.81
5290	41.67	0.41		5710	53.12	3.08
5300	44.33	0.87		5720	52.16	2.99
5310	45.64	1.1		5730	52.08	2.95
5320	50.08	1.68		5740	49.49	2.59
5330	45.03	1.29		5750	46.25	2.15
5340	50.39	1.85		5760	48.18	2.24
5350	48.27	1.72		5770	47.67	2.06
5360	54.4	2.46		5780	51.4	2.29
5370	54.87	2.58		5790	47.79	1.8
5380	54.5	2.66		5800	46.69	1.48
5390	57.93	2.98		5810	47.73	1.48
5400	51.05	2.51		5820	49.1	1.48
5410	55.12	2.88		5830	52.65	1.75
5420	55.28	2.97		5840	53.64	1.99
5430	60.99	3.19		5850	53.45	1.96
5440	52.98	2.61				

3:4: Directional diagram/方向图

