

Antenna Approval Document

APPROVAL SHEET

C u m e r : Shenzhen Xingxian Yunzhi Technology Co., Ltd.

P r o j e c t N a m e : Wi-Fi Antenna

M o d e l / S p e c i f i c a t i o n : 2.4G-5.8GWIFI Antenna

F R P / N : 366WQ0101

D a t e : 2026-06-02

R e v . : V1.0

FR Approved	Approved (核准)	Checked (审核)	Prepared (承办)
Customer Approved	Approved (核准)	Checked (审核)	Inspected(检验)

Shenzhen Fufang Communications Technology Co., Ltd.
B601, The First Industrial Zone, Baihuadong, Guangming District, Shenzhen

Antenna Specification



2.4G- 5.8G Wi- Fi Blade Rubber Antenna, Black, Bendable, IPEX 1st Gen, Cable L180mm (Black Wire)

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz 5150-5850MHz	
Antenna Type	Rob Antenna	
Peak Gain	2.4G:4.46 dBi, 5.2G: 3.32dBi, 5.8G: 2.8dBi	
VSWR	2400-2500MHz≤2.0 5150-5850MHz≤2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	IPEX	
Dimension	L196mm*13mm	
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

1.VSWR Graph



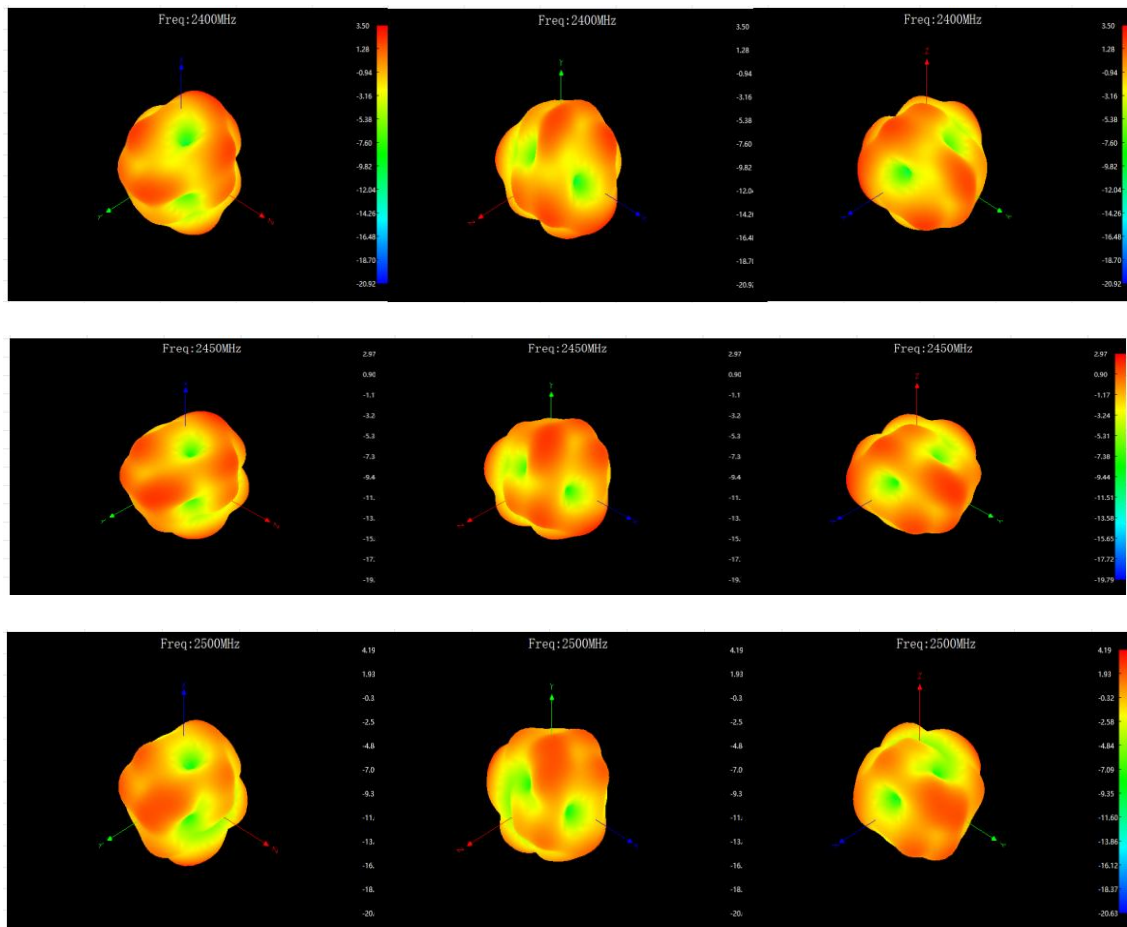
2.Efficiency

Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	3.6	51.76
2410	3.92	54.45
2420	3.96	54.7
2430	4.15	58.48
2440	4.09	59.7
2450	4.14	62.81
2460	4.41	66.37
2470	4.37	68.23
2480	4.46	70.63
2490	4.39	68.87
2500	4.87	70.96
5150	2.64	50.35
5170	2.76	48.64
5190	2.53	47.21
5210	2.74	45.29
5230	2.72	44.16
5250	2.86	44.67
5270	3.32	46.03
5290	3.14	45.81
5310	3.13	44.46
5330	2.96	43.35
5350	3.08	44.46

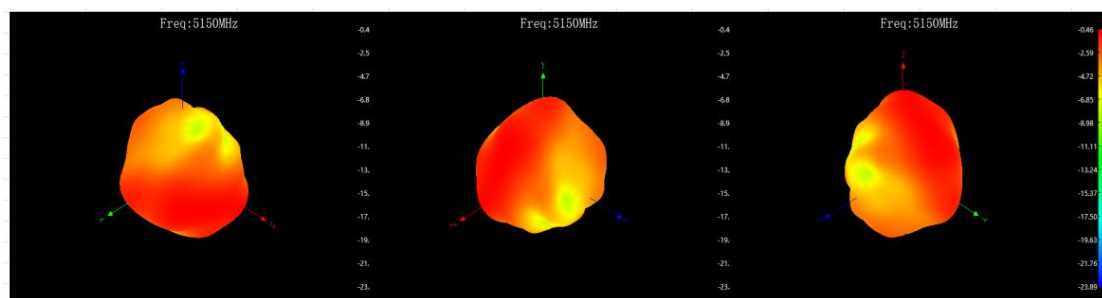
5370	3.38	44.26
5390	3.12	44.16
5410	3.2	44.26
5430	3.19	46.13
5450	3.28	50
5470	3.34	50.23
5490	2.98	49.09
5510	2.96	51.17
5530	2.94	51.4
5550	2.92	54.2
5570	3.11	55.85
5590	2.86	56.23
5610	2.72	57.68
5630	2.8	57.68
5650	2.45	56.89
5670	2.71	59.7
5690	2.73	59.16
5710	2.67	60.39
5730	2.8	60.26
5750	2.8	62.66

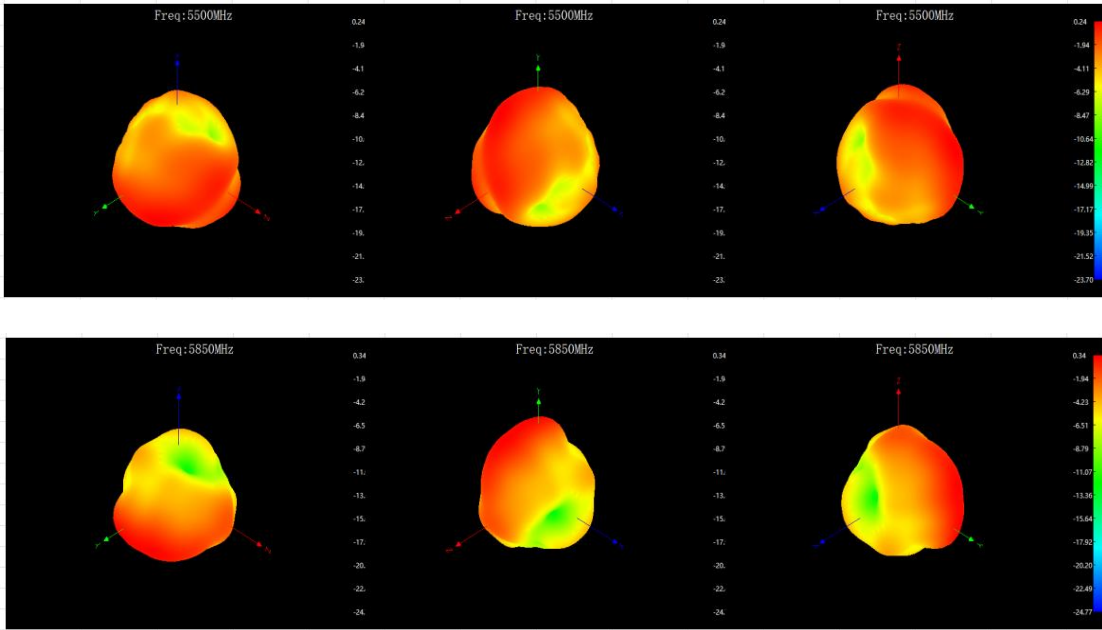
3、Radiation Pattern

2.4G



5.8G





3、Antenna Dimension

