

Product specification sheet

Product Description: **2.4GHz** **FPC Antenna**

Release date: **August 27, 2023**

Guang Zhou Jie Quan Electronic Co.,Ltd
Y501, Building 7, No. 18, Dalingshan Road, Tianhe District, Guangzhou

1. Catalog

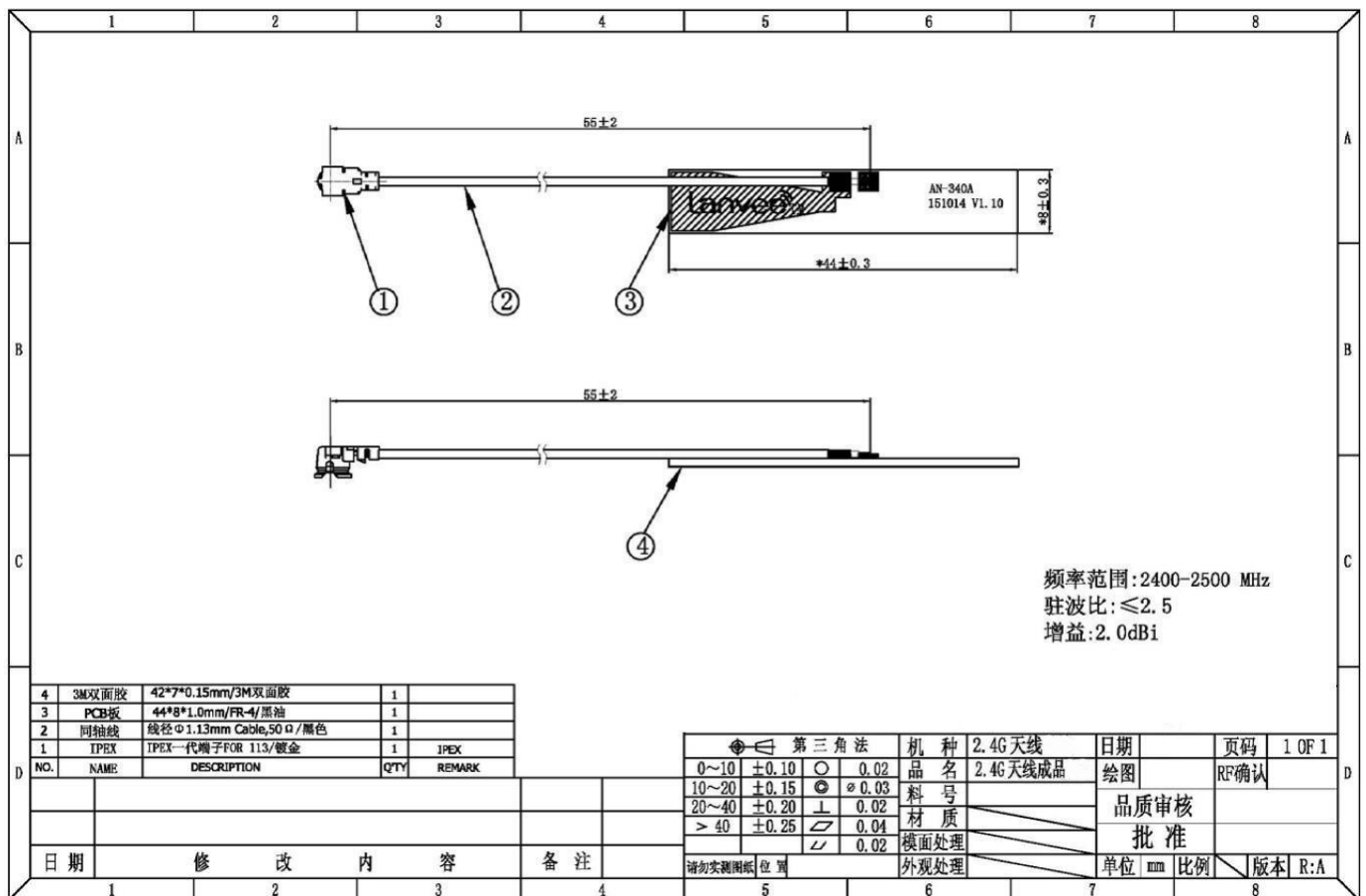
Cover	1
1. Catalog	2
2. Sample Image	3
3. Product	3-4
3.1 Image file product	3
4. Performance parameter table	4
5. Electrical Performance Test Report	5-7
5.1 S parameter	5
5.2 Efficiency	6
5.3 Antenna pattern	7
6. Reliability Test Report	8
6.1 Constant temperature and humidity test	5
6.2 Salt spray test	6

2. Sample image



3. Product

3.1 Image based products

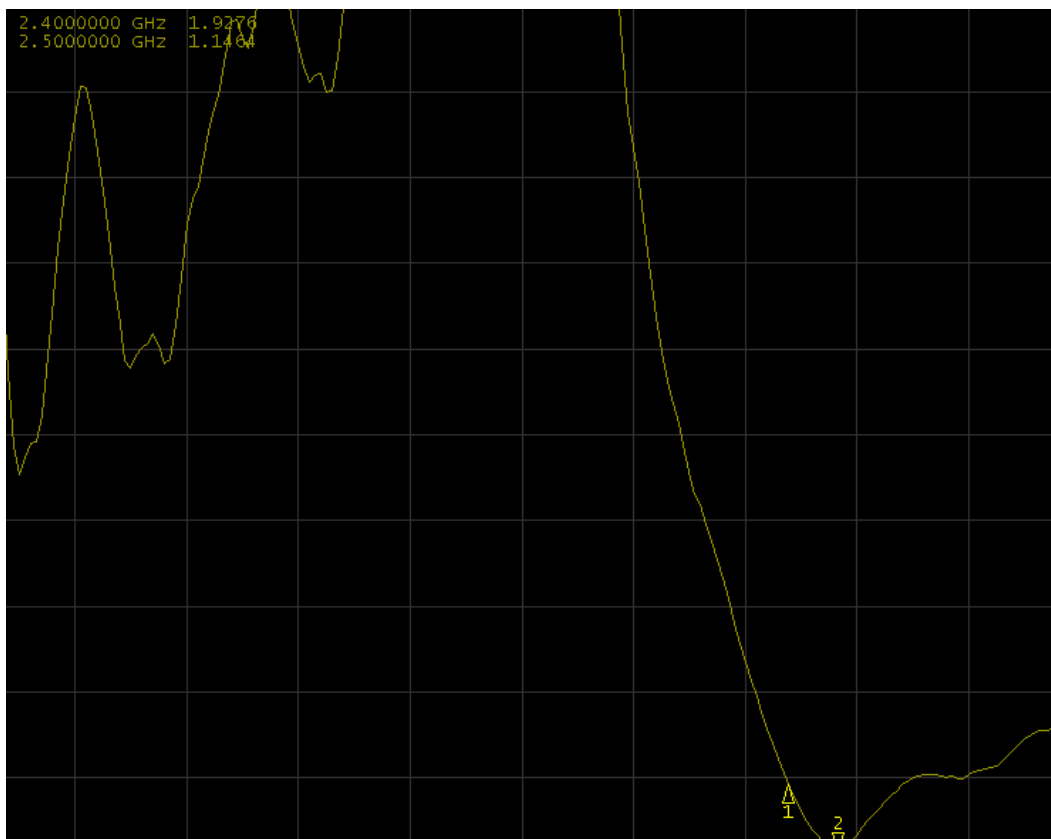
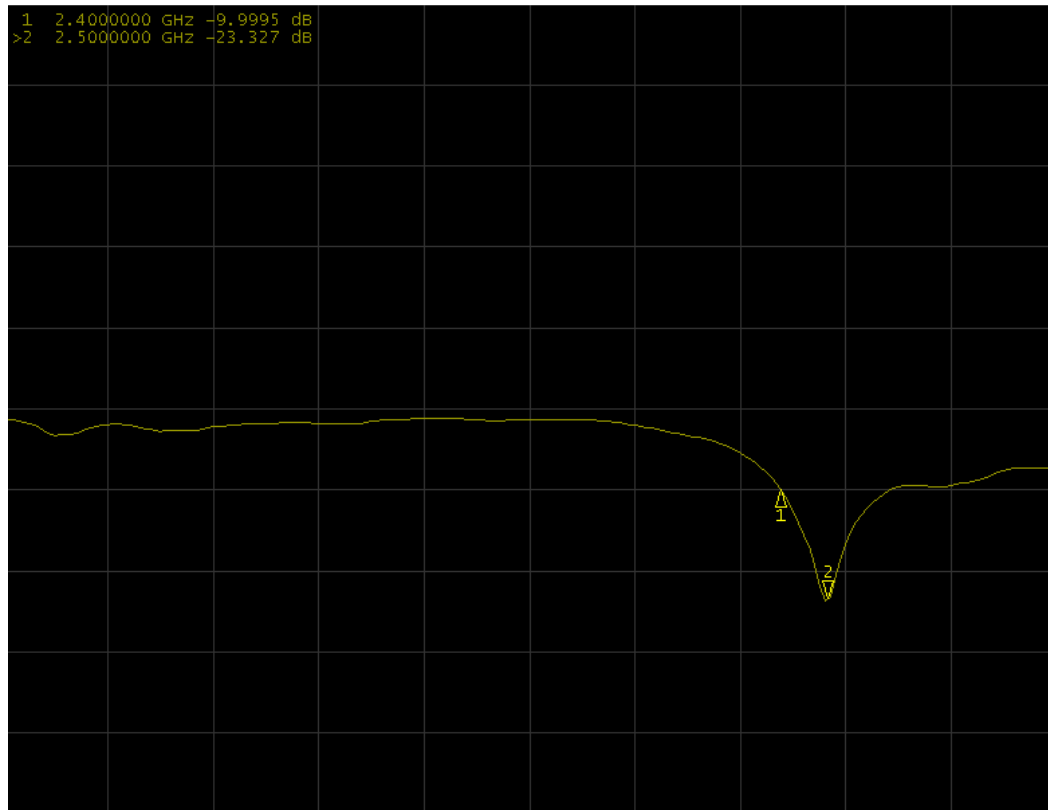


4. Performance parameter table

Electrical parameters	
frequency range	2400-2500MHz
Input impedance	50Ω
Standing Poppy	≤2.5
gain	2.0dBi
Power capacity	2W
Voltage withstand test	1KV
On-off test	access
Polarization mode	vertical
Radiation direction	omnidirectional
Transfer model	/
Mechanical parameters	
External dimensions	Refer to the product in the picture file
Maintaining power	/
Insertion and extraction force	/
Coaxial cable	black
Environmental parameters	
working temperature	-30℃~65℃
Storage temperature	-30℃~75℃

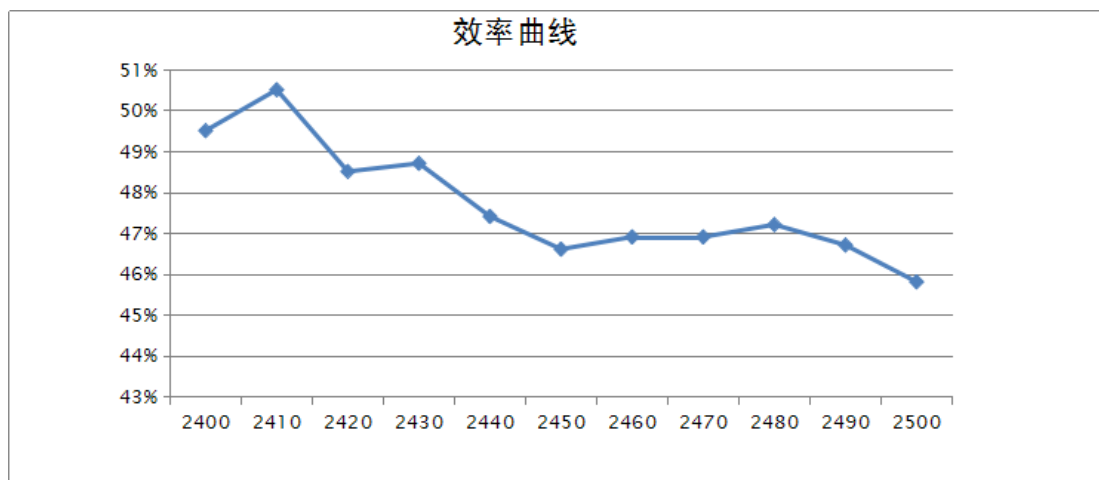
5. Electrical Performance Test Report

5.1 S parameter



5.2 Efficiency

Frequency(MHz) 频点	Efficiency 效率	Standard 标准
2400	50%	15%
2410	51%	15%
2420	49%	15%
2430	49%	15%
2440	47%	15%
2450	47%	15%
2460	47%	15%
2470	47%	15%
2480	47%	15%
2490	47%	15%
2500	46%	15%



5.3 Antenna pattern

