

Antenna Test Report

Customer	FLYSKY
Project	
Antenna Revision	1.1
Product Description	FPC
Antenna model	FG4_2.4GHZ
Antenna type	FPC Antenna
Antenna manufacturer	Shenzhen DWM antenna equipment Co.Ltd
Manufacturer 's address	3 floor, Friendship Industrial Zone, 23 District, Xin 'an Street, Bao 'an District, Shenzhen

Purpose

This report is to measure the performance of FG4 FPC antenna. all test are showed as below.

Content

1. Product Overview & Dimension

2. Test Result

2.1 VSWR

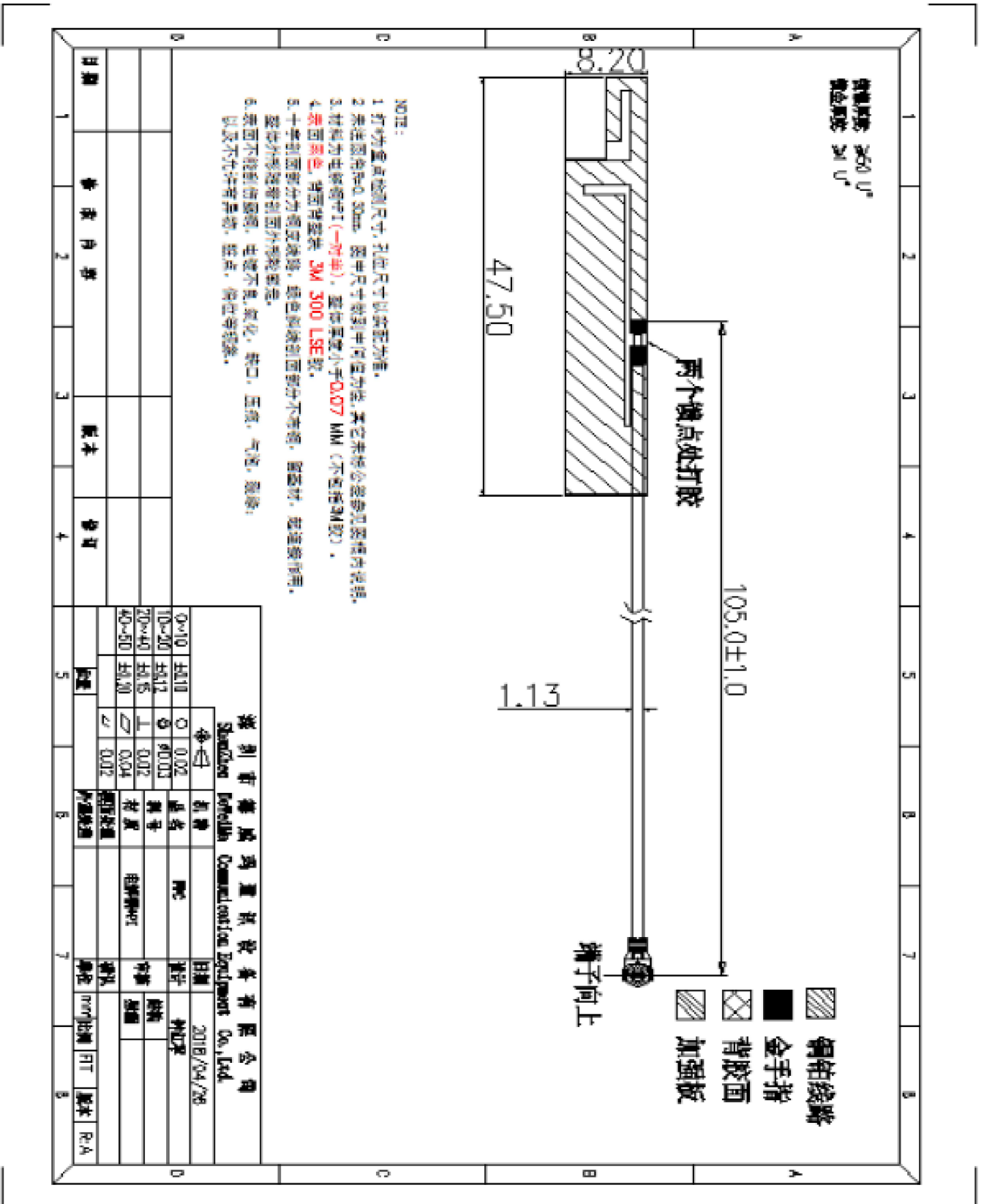
2.2 Antenna Matching Network

2.3 Gain & Efficiency

2.4 3D Data

3. Conclusion

1. Product Overview & Dimension



2. Test Result

2.1 VSWR



Frequency (MHz)	2400	2450	2500
VSWR	3.31	1.42	2.89

2.2 Antenna Matching Network

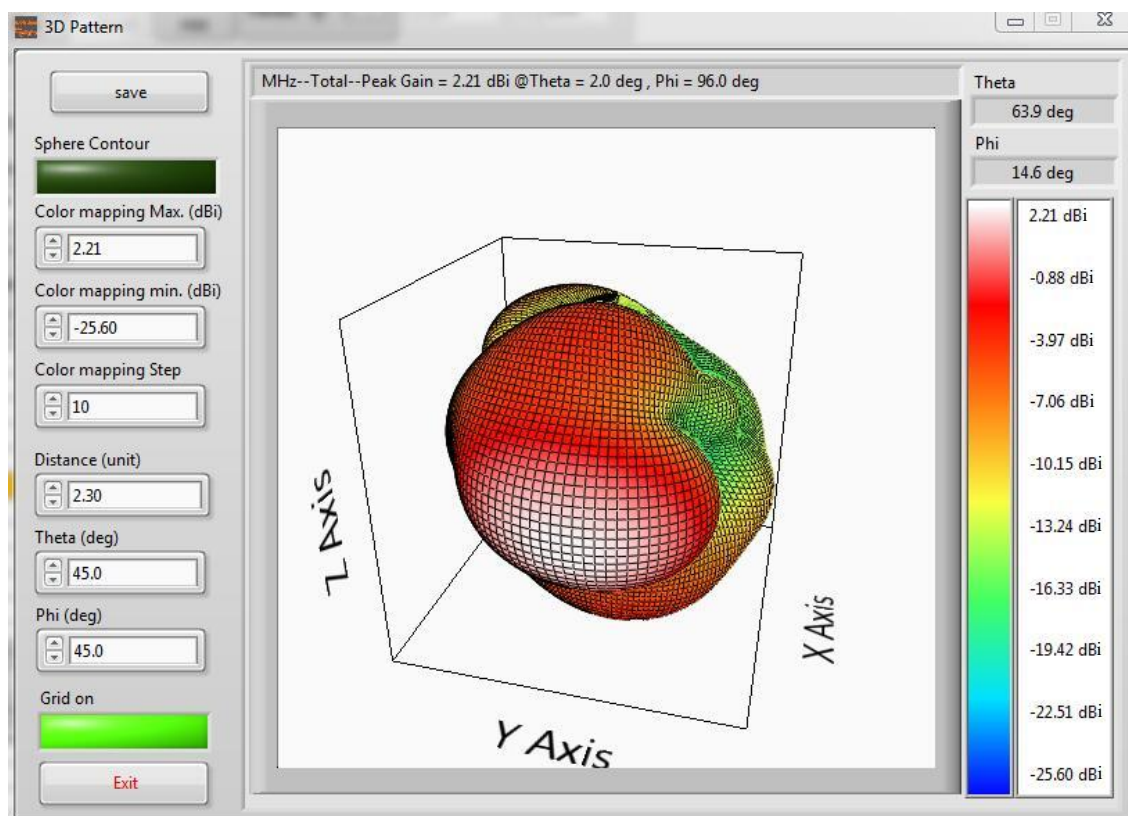
PCB board side of the matching circuit is not changed.

2.3 Gain & Efficiency

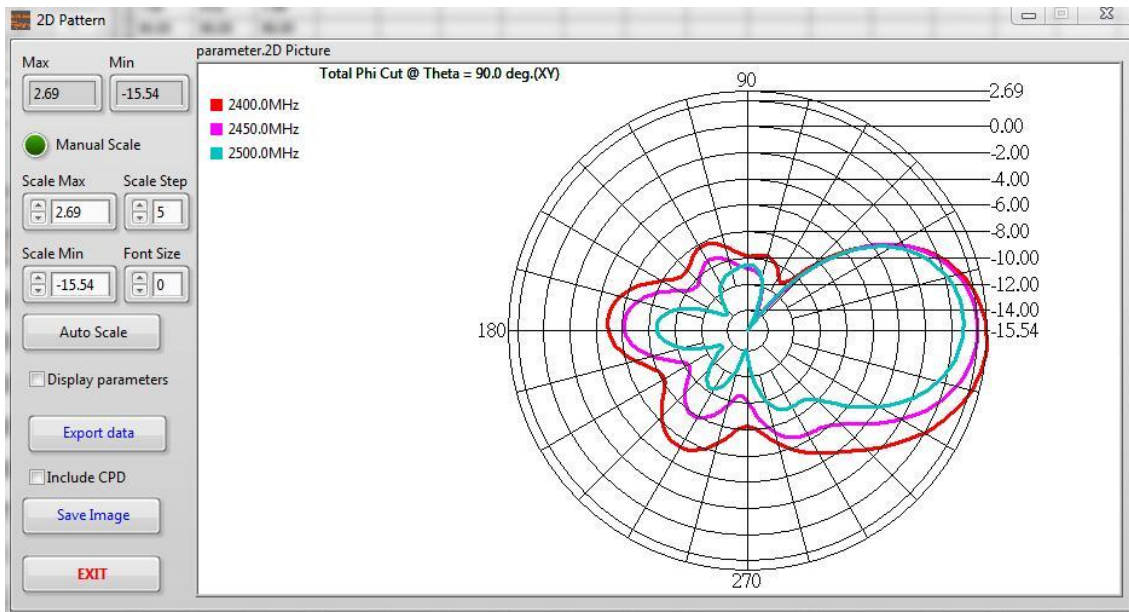
Frequency (MHz)	Efficiency(%)	Average Gain	Peak Gain
2400	29.12	-5.36	2.77
2450	20.71	-6.84	2.21
2500	13.48	-8.70	1.18

2.4 3D Data

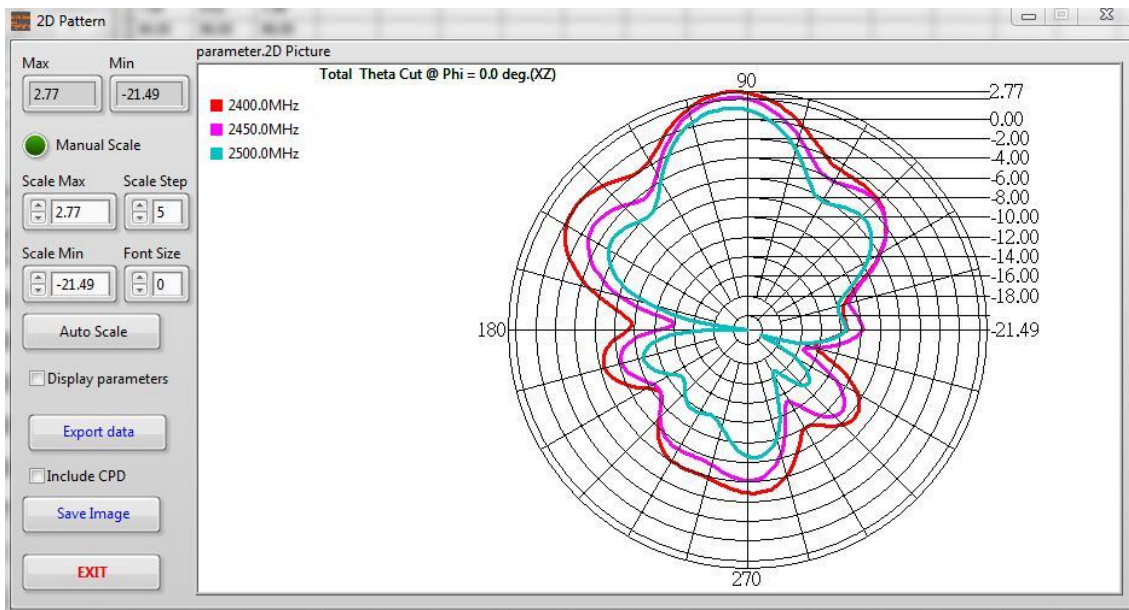
2. 45G-3D



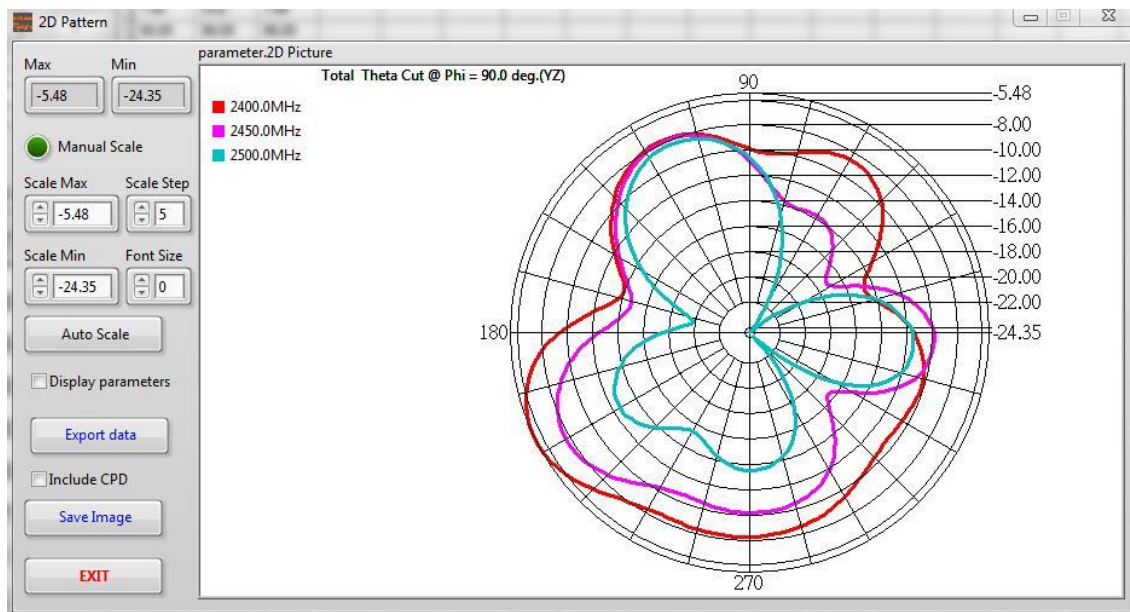
XY-2D



XZ-2D



YZ-2D



3. Conclusion

Passive performance of antenna OK。