

# Antenna Test Report

Customer	FLYSKY
Project	
Antenna Revision	1.1
Product Description	FPC
Module Name	FG4_2.4GHZ

## **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

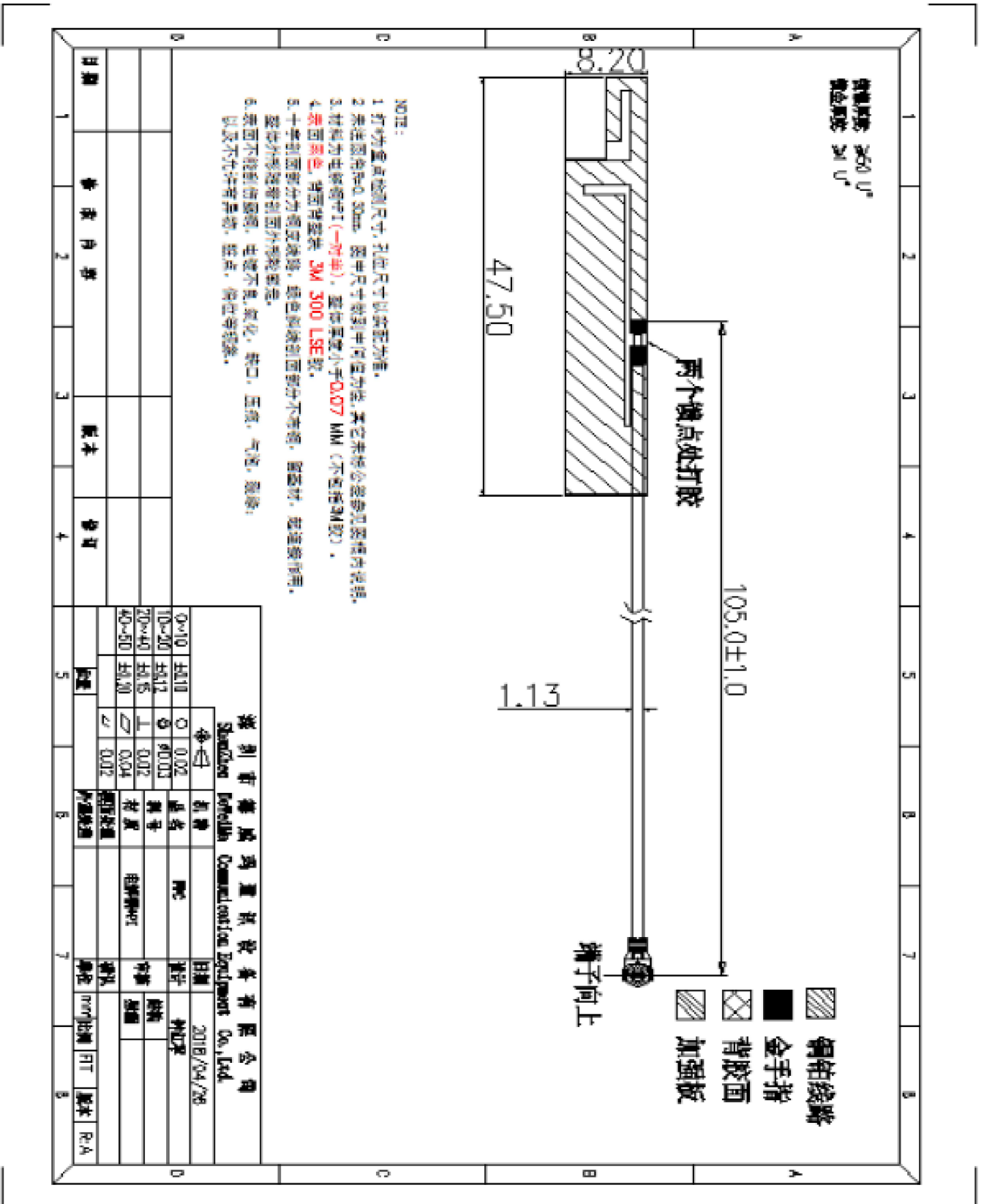
2.2 Antenna Matching Network

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

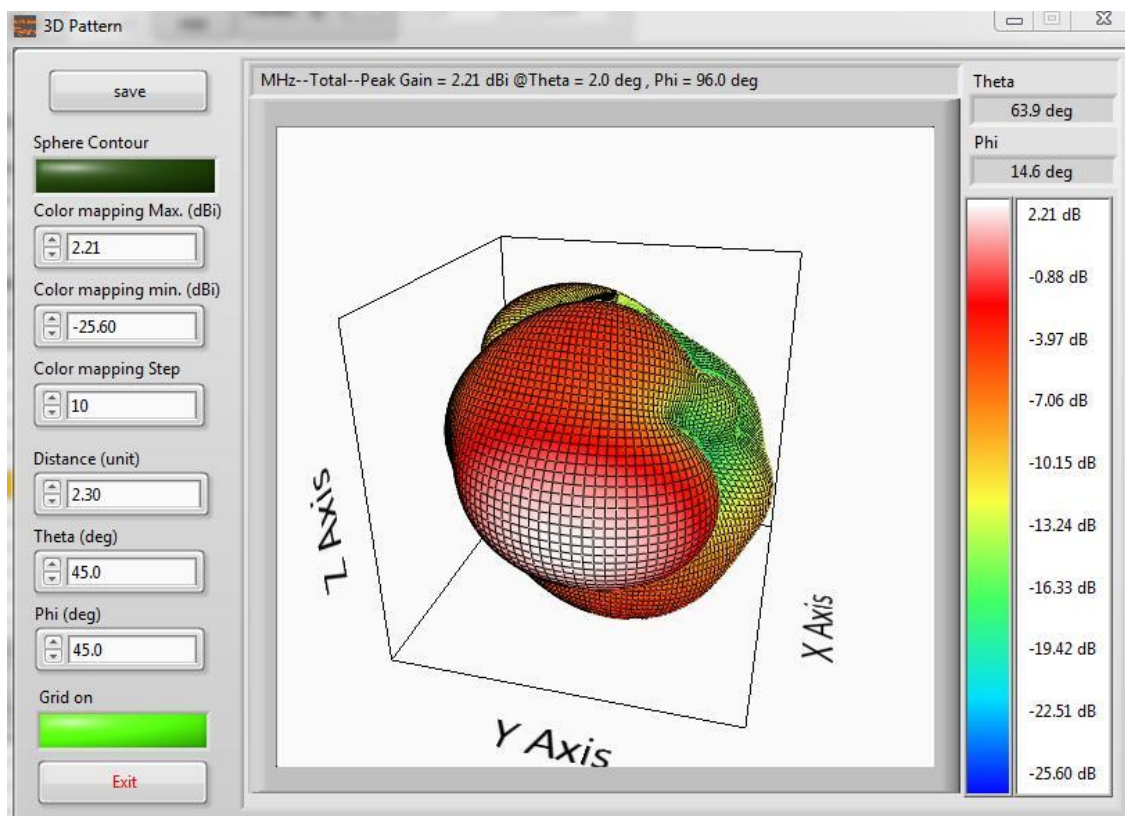
PCB board side of the matching circuit is not changed.

## 2.3 Gain & Efficiency

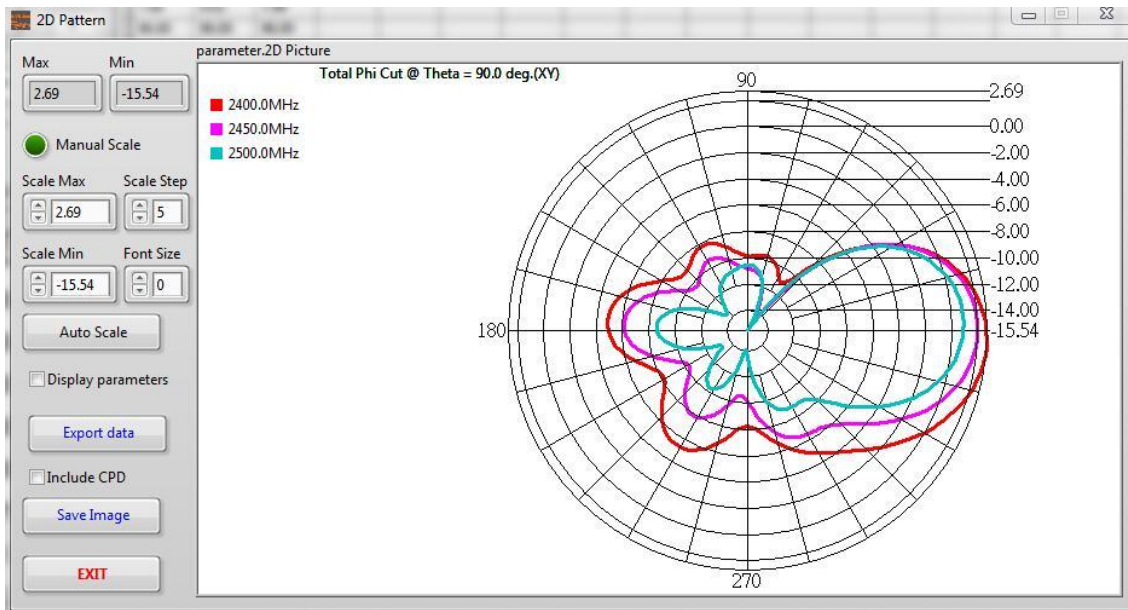
Frequency (MHz)	Efficiency(%)	Average Gain	Peak Gain
2400	29.12	-5.36	2.15
2450	20.71	-6.84	2.21
2500	13.48	-8.70	1.18

## 2.4 3D Data

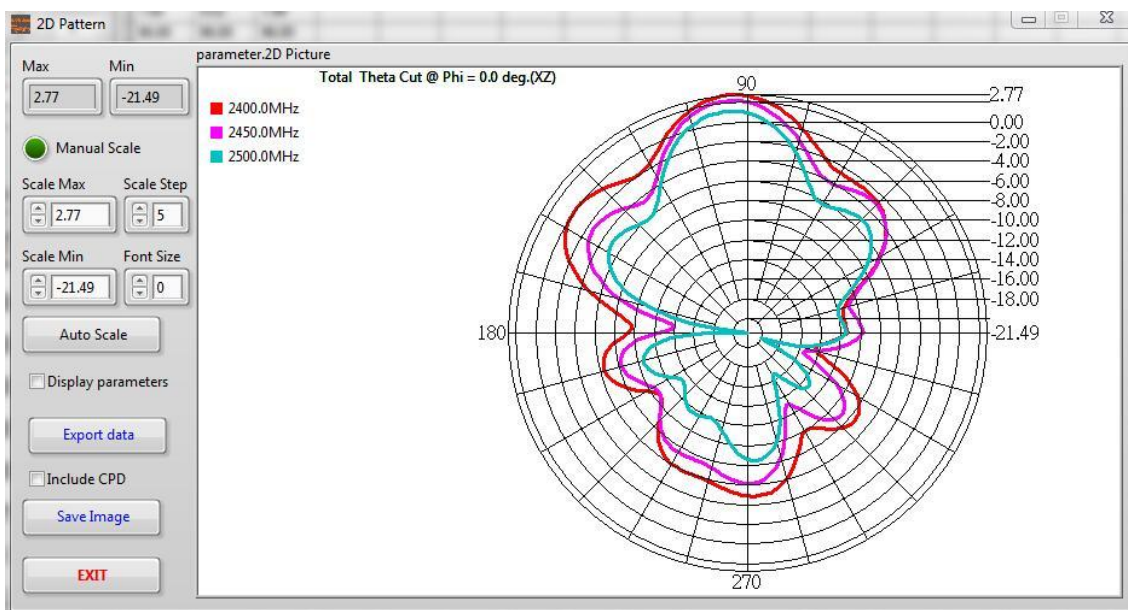
### 2. 45G-3D



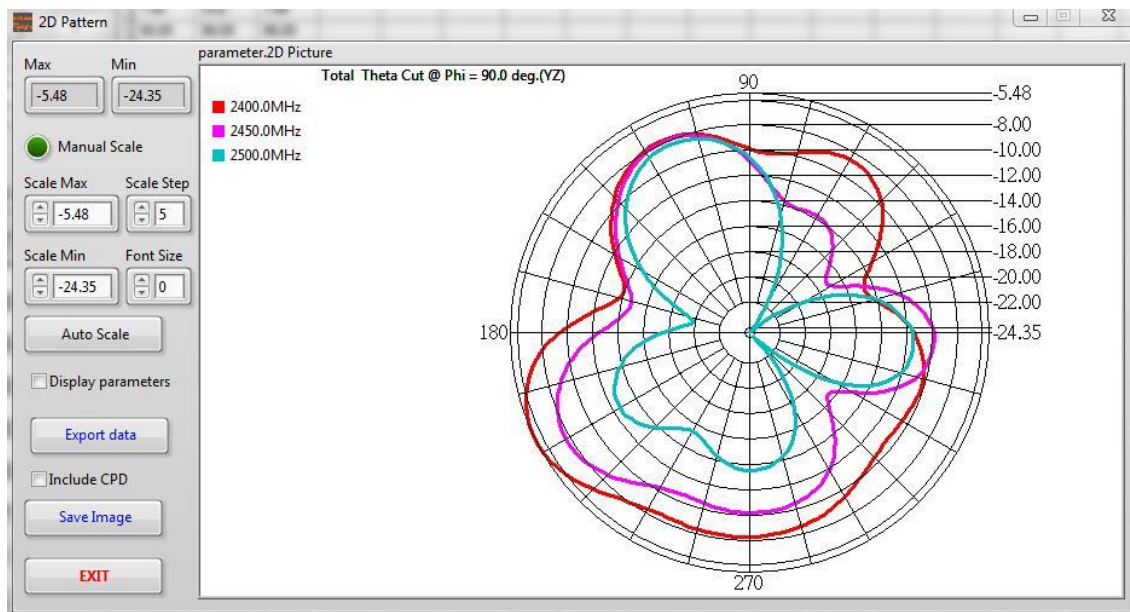
## XY-2D



## XZ-2D



# YZ-2D



## 3. Conclusion

Passive performance of antenna OK。