

<b>Customer</b>	Launch Tech Co., Ltd
<b>Project</b>	/
<b>Product Description</b>	FPC antenna

<b>Report Date</b>	<b>2019.01.04</b>
<b>Report Version</b>	<b>V0</b>
<b>Prepared by</b>	JOE

Model: 2.4G FPC WIFI ANTENNA

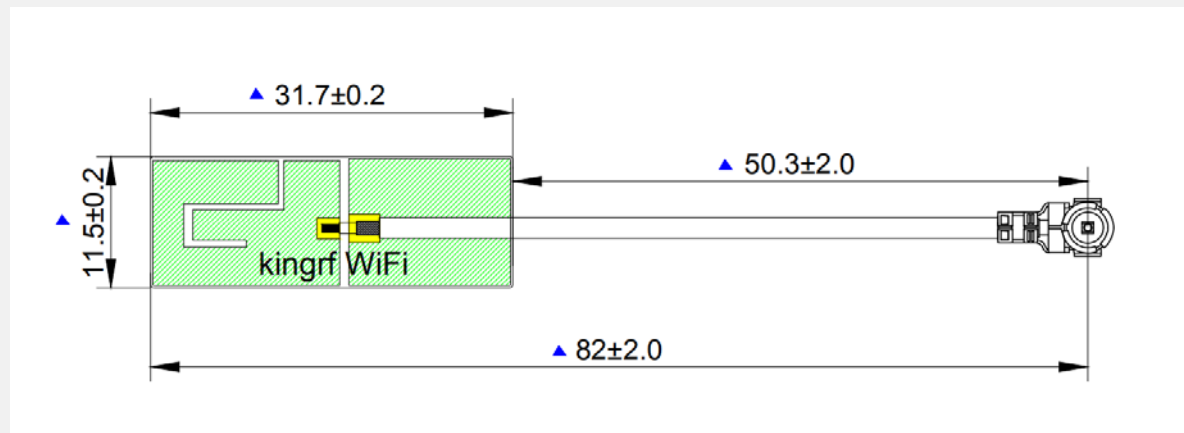
Dongguan KingRF Electronics Technology Co.,Ltd

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# Introduction

- 1. Product Overview & Dimension
- 2. Test Results
  - 2.1. VSWR
  - 2.2. 2D/3D DATA
  - 2.3. Efficiency And Peak Gain

# 1. Product Overview & Dimension



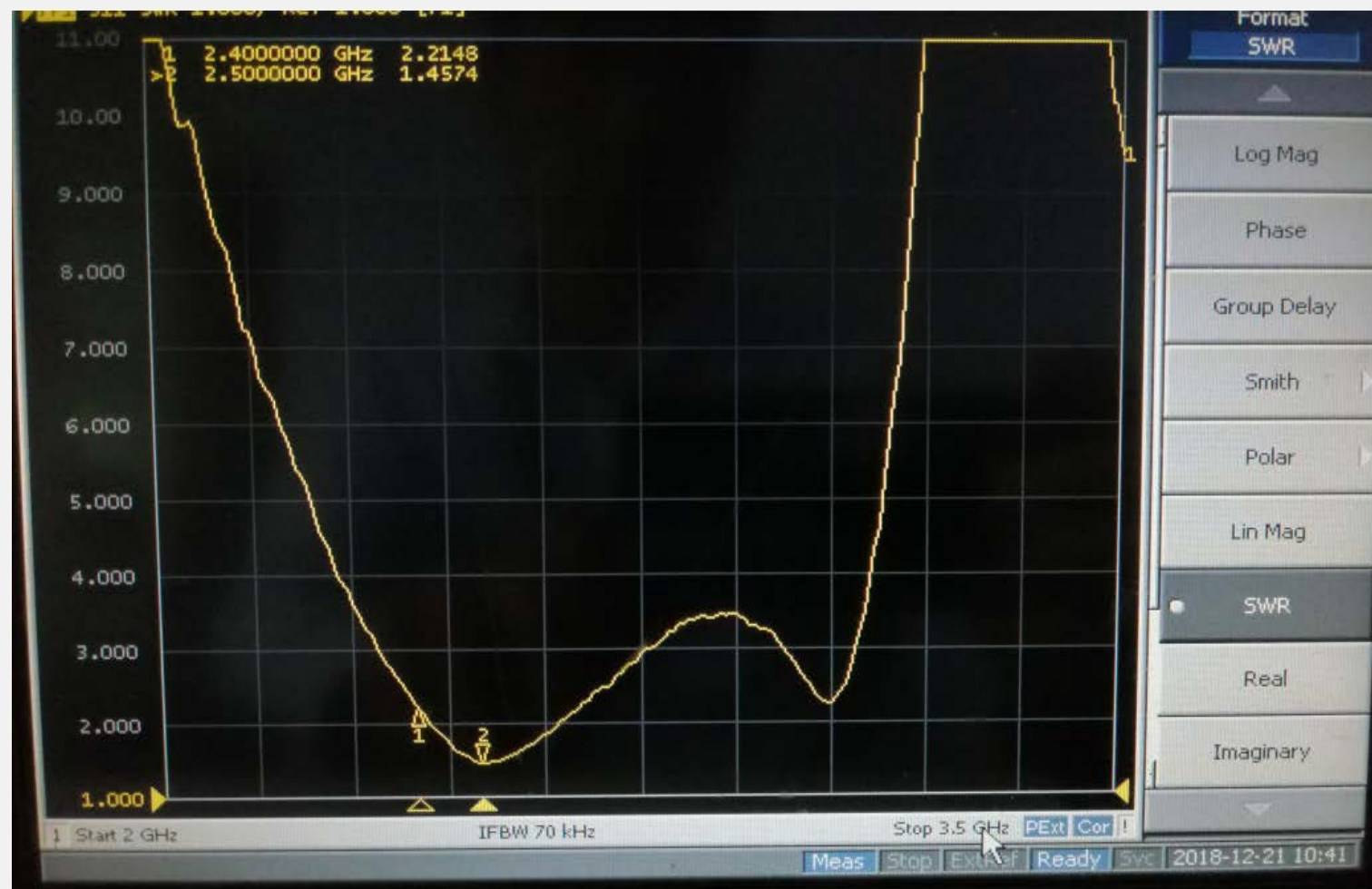
## 2. Test result

Test summary

Passive Test For TEST-2.4G			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	46.03	-3.37	1.71
2410	45.27	-3.44	1.48
2420	39.97	-3.98	0.85
2430	44.01	-3.56	1.25
2440	42.59	-3.71	0.99
2450	47.57	-3.23	1.45
2460	45.45	-3.42	1.25
2470	50.98	-2.93	1.81
2480	50.6	-2.96	1.72
2490	50.08	-3	1.77
2500	49.04	-3.09	1.62

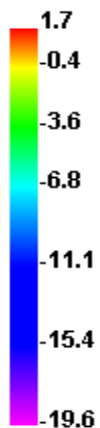
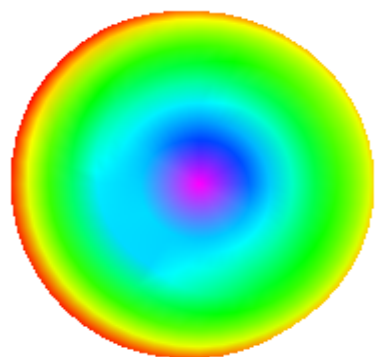
## 2.1. VSWR

Frequency (Unit MHz)	2400	2500
Sample VSWR	2.2148	1.4574
VSWR	$\leq 2.5$	$\leq 2.5$

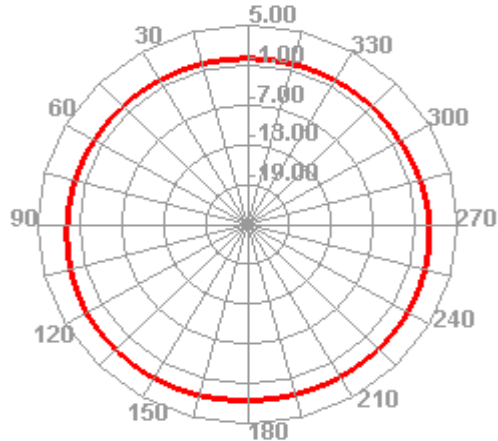


# 2.2. 2D/3D DATA

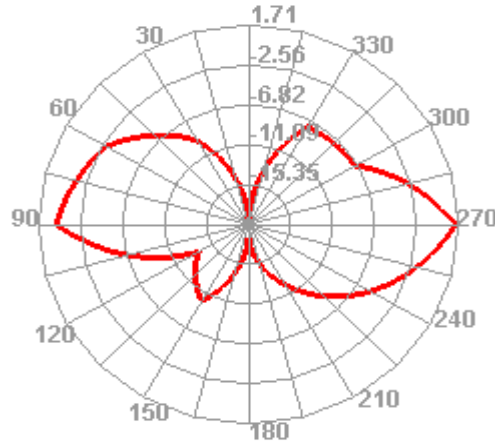
2400.000MHz



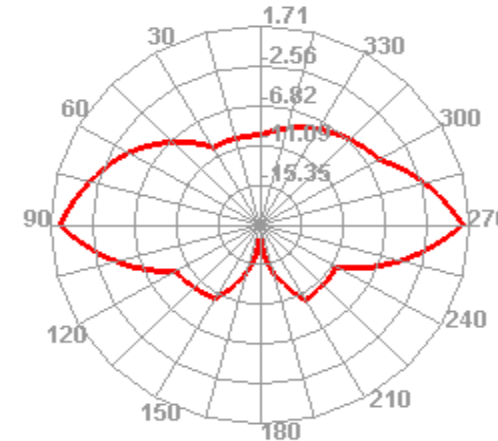
2400.000MHz H



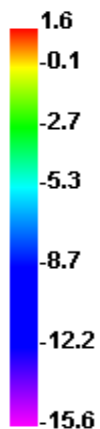
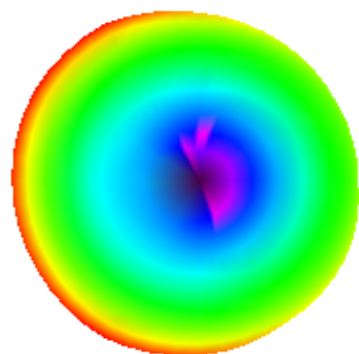
2400.000MHz E1



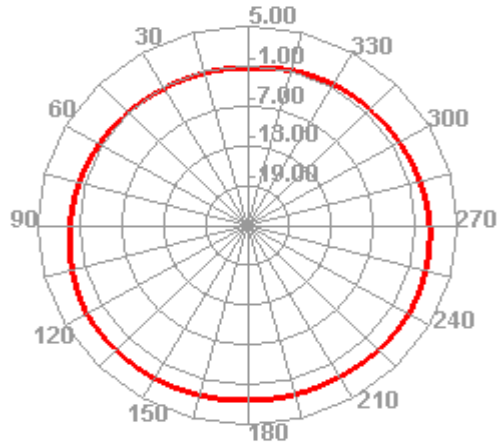
2400.000MHz E2



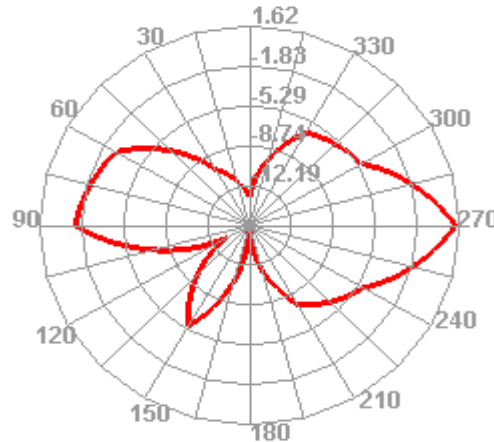
2500.000MHz



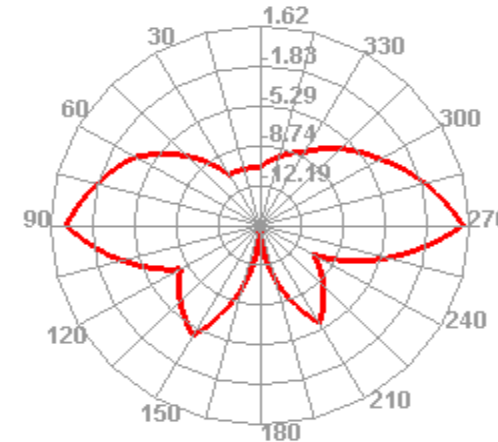
2500.000MHz H



2500.000MHz E1

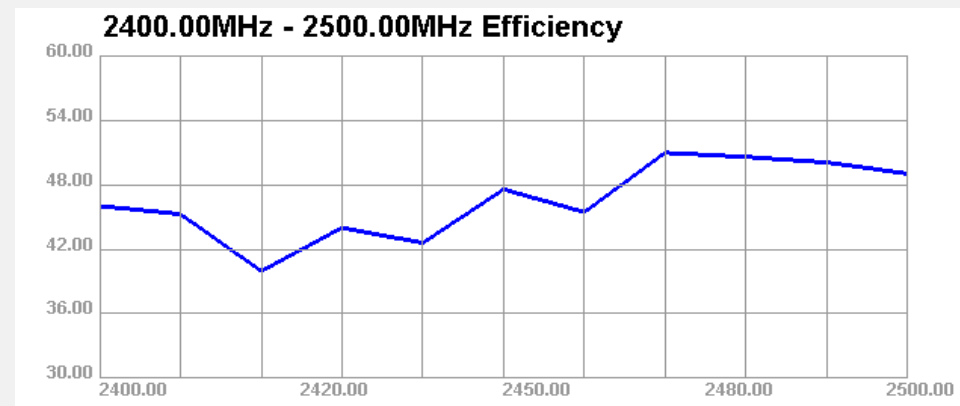


2500.000MHz E2

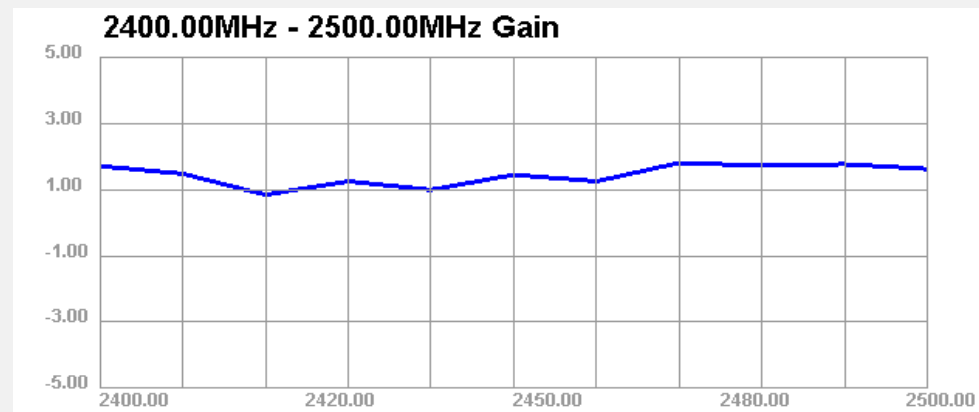


## 2.3. Efficiency And Peak Gain

Efficiency chart



Peak gain chart





**THKAS!**