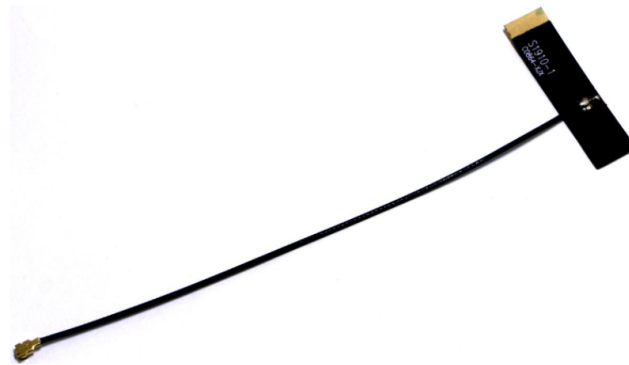


Shenzhen DreamLNK Technology Co.,Ltd.

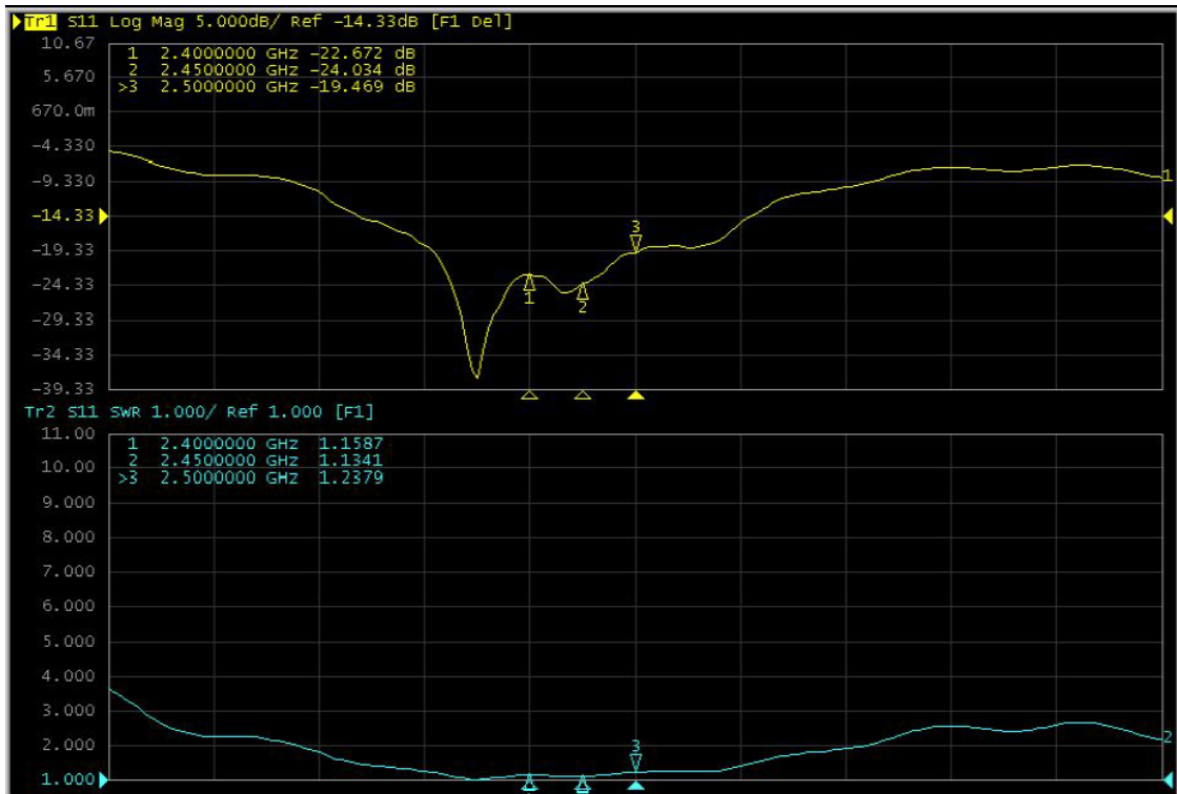
**深圳市骏晔科技有限公司**

Shenzhen DreamLNK Technology Co., Ltd.

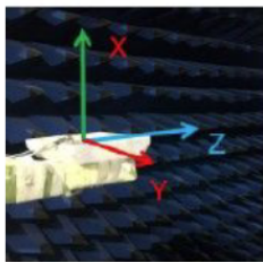
**2400-2500MHz(FPC)**

<b>Product Test Parameters</b>			
Name	FPC Antenna	Model Type	F5- 2.4G
<b>Electrical Specifications</b>			
Frequency Range	2400-2500 MHz	Polarization	Vertical
Impedance	50 $\Omega$	Radiation Direction	Omnidirectional
VSWR	$\leq 1.3$	Admitted Power	1W
Gain	3.15	Bandwidth	135/ 46MHz
Connector Type	Cable+IPEX		
<b>Mechanical Specifications</b>			
Dimensions	34. 3* 9. 5mm	Antenna cover	FR- 4
Connector	IPEX I	Cable Length	130 $\pm$ 3mm
Working Temperature	(- 20 $^{\circ}$ C- +70 $^{\circ}$ C)	Limit Temperature	(- 40 $^{\circ}$ C- +85 $^{\circ}$ C)

# 1. S11 VSWR Return loss Smith

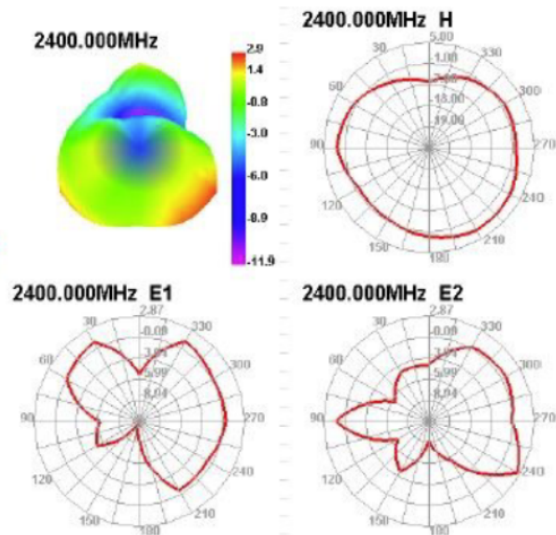


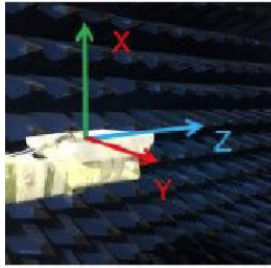
# 2. 2D 3DRaditation Pattern



H面: XY  
E1面: XZ  
E2面: YZ

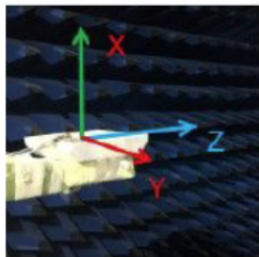
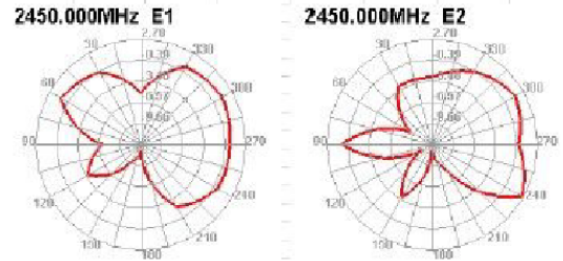
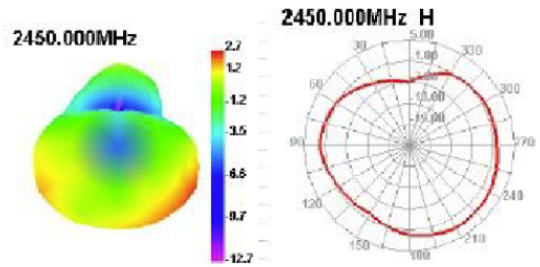
2400 MHz  
ANT





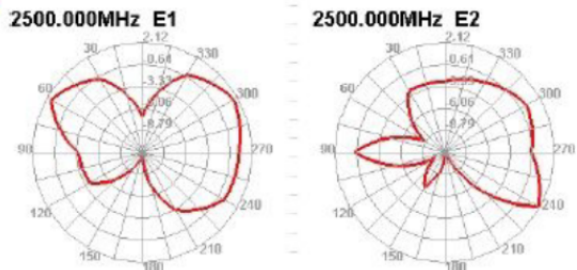
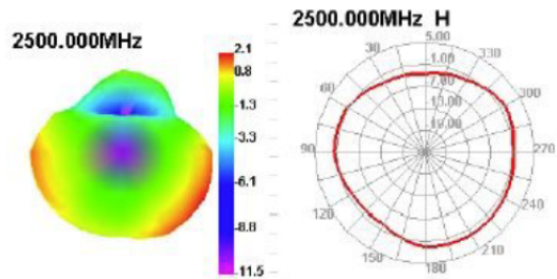
H面: XY  
E1面: XZ  
E2面: YZ

2450 MHz  
ANT



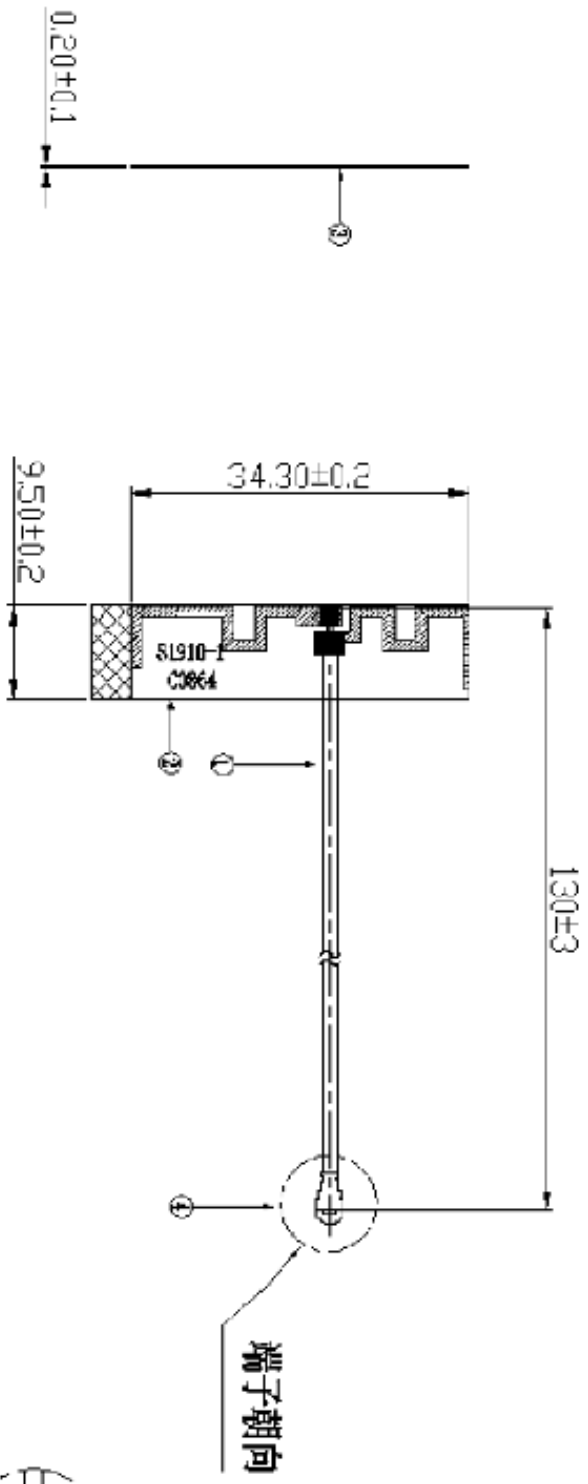
H面: XY  
E1面: XZ  
E2面: YZ

2500 MHz  
ANT



Frequency (MHz)	ANT	
	Efficiency (%)	Peak Gain (dBi)
2400	78.85	2.87
2410	81.9	3.15
2420	80.32	3.13
2430	78.25	2.98
2440	78.23	2.88
2450	77.33	2.7
2460	76.85	2.53
2470	78.23	2.47
2480	77.21	2.39
2490	77.45	2.37
2500	74.34	2.12

REV	DATE	DESCRIPTION
A	2017-10-16	NEW ISSUE



**DETAIL A**  
SCALE: 2.5/1

**Specification:**  
**Frequency Range : 2.4GHz**  
**VSWR: 2.0:1max**  
**Gain(Peak): 3dBi**

产品符合环保RoHS 2.0之要求  
 带公差尺寸为检验尺寸

XXX, ±2.0	APPROVED
XX, ±1.0	
X, ±0.5	CHECKED
.X, ±0.2	
.XX, ±0.1	DRAWING

NO	DESCRIPTION	QTY	REMARK
4	PEX	1	Brass
3	双面胶	1	3M300
2	FPC	1	FPC-PI
1	线材	1	L13 Cable Bkktin

CUSTOMER: \_\_\_\_\_  
 PART NO : \_\_\_\_\_  
 PART NAME : K- Antenna Assembly  
 R.F.P.NO : RF1107-803

REV	UNIT	SCALE	SIZE	SHEET
A	mm	1:1	A4	1 OF 1

A B C D E F G