

# SPECIFICATION FOR APPROVAL

<b>CUSTOMER :</b>	PETKIT Network Technology (Shanghai) Co., Ltd.
<b>PART NAME :</b>	T5
<b>PART NO. :</b>	
<b>NO. :</b>	XP-01-A0
<b>REV. :</b>	V1.0

	<b>MANUFACTURERR SIGNATURE</b>	<b>CUSTOMER SIGNATURE</b>
<b>APPROVED BY:</b>		
<b>DATE:</b>		

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# Antenna Assembly

## Specification

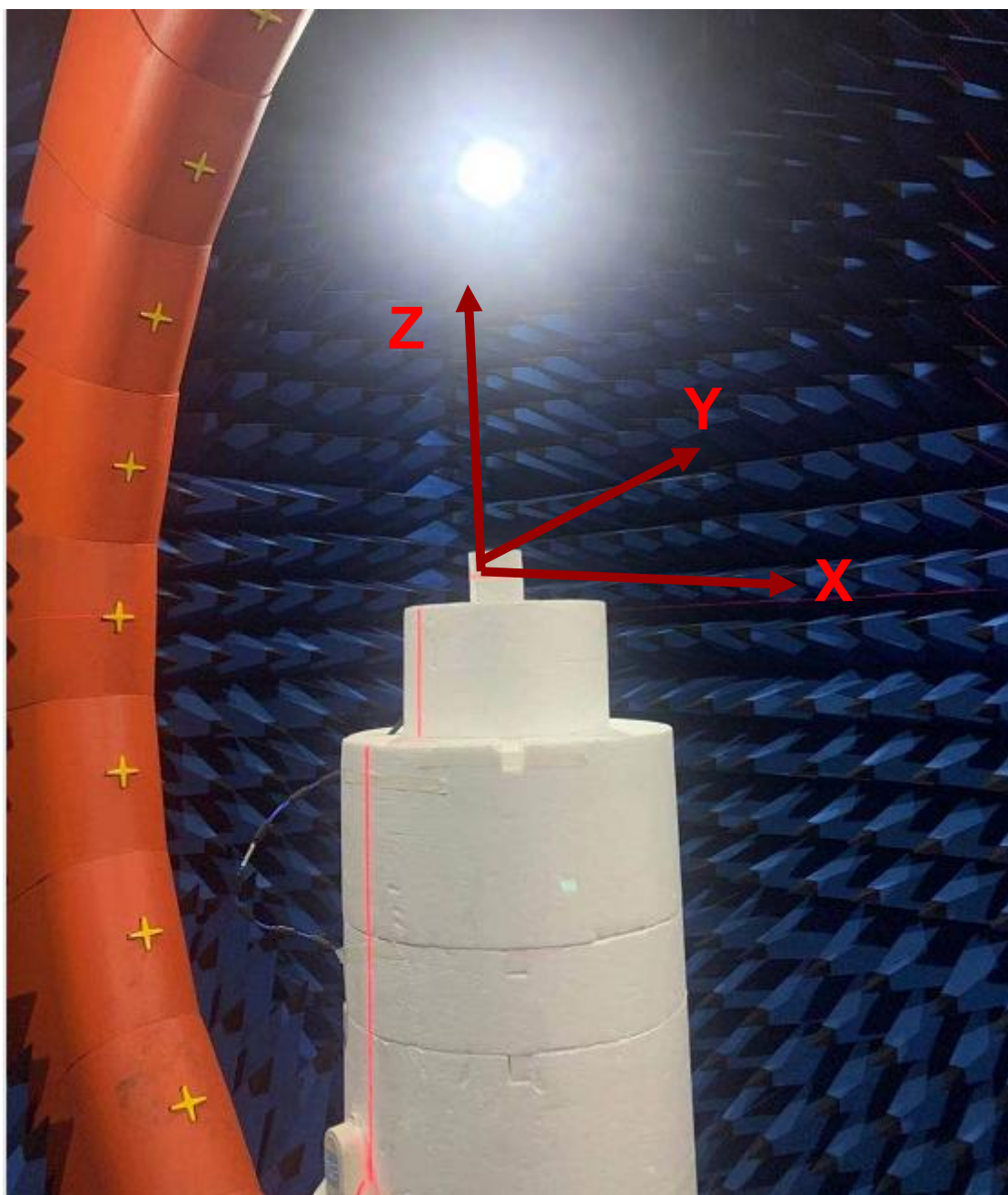
### 1. Electrical Properties

- 1.1 Frequency range.....2.4G & 5G
- 1.2 Impedance.....50Ω Norminal
- 1.3 VSWR ..... <2
- 1.4 Radiation.....Omni
- 1.5 Gain(Peak).....3 dBi
- 1.6 Polarization.....Linear
- 1.7 Admitted Power.....1W
- 1.8 Connector.....IpeX

### 2. Physical Properties

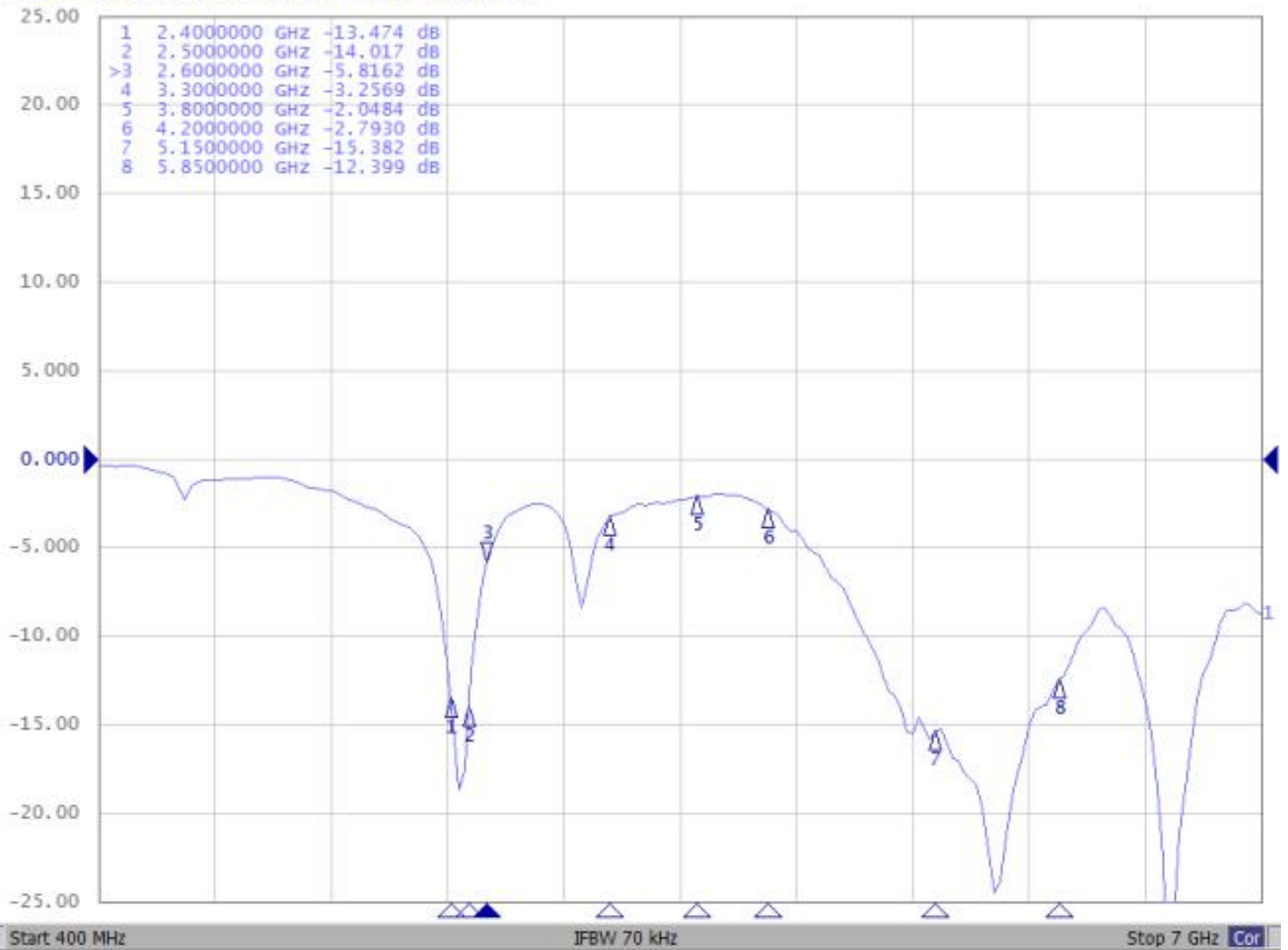
- 2.1 Working Temperature.....-40°C~+85°C
- 2.2 Storage Temperature.....-40°C~+85°C





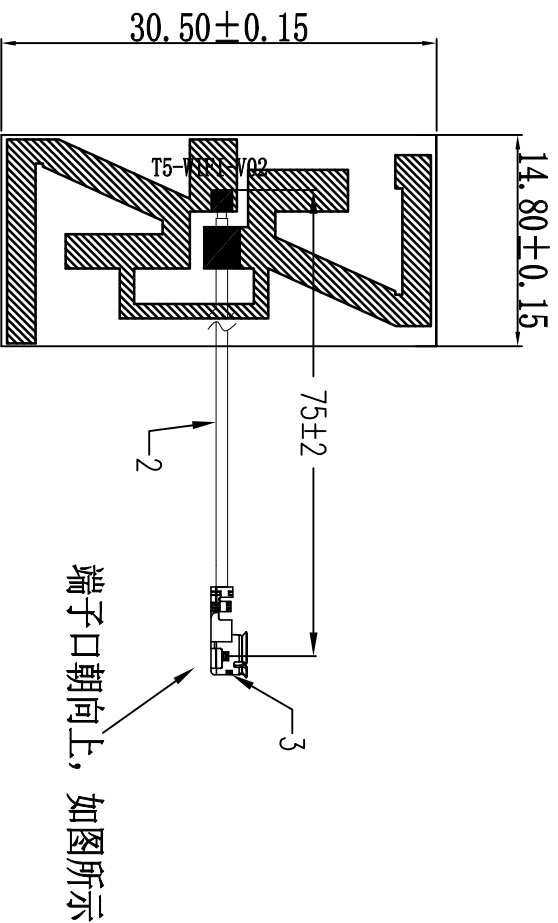
## 2. Ant S11 passive test results

S11 Log Mag 5.000 dB/ Ref 0.000 dB [F1 M]



### 3. Passive Data

Frequency (MHz)	Gain (dB)	Efficiency (%)
2400	3.2	70.5
2410	3.4	72.4
2420	3.6	75.6
2430	3.9	75.6
2440	3.0	74.2
2450	3.1	74.8
2460	3.0	75.6
2470	3.9	73.5
2480	3.8	72.8
2490	3.7	72.1
2500	3.5	70.4
<b>5150</b>	3.4	69.9
<b>5250</b>	3.6	71.1
<b>5350</b>	3.8	71.3
<b>5450</b>	3.0	71.7
<b>5550</b>	3.9	71.0
<b>5650</b>	3.8	68.1
<b>5750</b>	3.4	68.7
<b>5850</b>	3.9	66.3



- 备注:
1. 标注“\*”为重点尺寸, 未标公差尺寸按照 $\pm 0.15$ 检测
  2. 未标注尺寸请依图纸。
  3. 符合ROHS
  4. 出货方式: 单片出货

序号	工艺要求	规格	数量	备注
3	端子	一代端子	1	
2	同轴线	$\phi 1.13$ 黑色 L=110mm	1	
1	FPC	0.5oz 电解铜 0.5MMI PI	1	

NO.	SORT	SPECIFICATION	QTY	VENDOR

DCI NO	版本	变更内容	日期	确认
RANGE TOLERANCES				
0-30	$\pm 1.5$	客户名称:		
31-100	$\pm 2$	料号:	XR-01-10	
101-200	$\pm 3$	制		
201以上	$\pm 4$	图:	70M	
REF	$\pm 3$	物料审核:	N/A	
METRIC: mm	$\pm 3$	核准:		
产品名称: T5		日期:	2024.7.4	
次: 1/1		比例:	1:1	
本: A0		校:	70M	

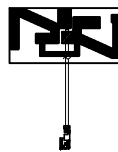


成品类型: FPC天线

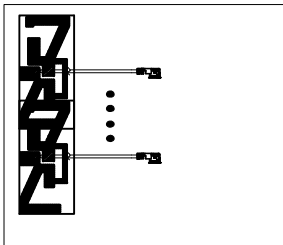
版本: A

客户:

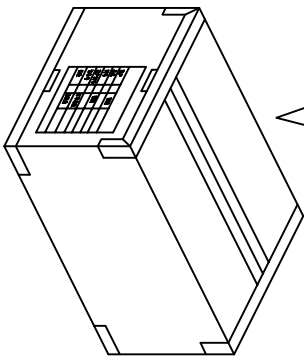
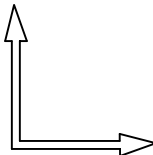
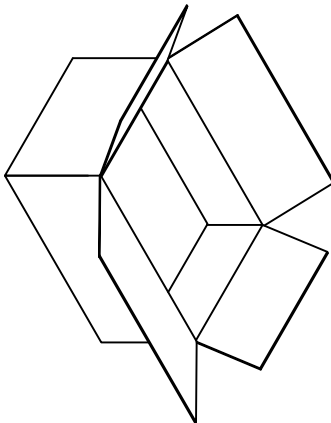
一: 成品天线



二: 防静电袋, 一共50pcs.



三: 共一包, 一共2000PCS (防静电袋封装)



四: 封箱, 外箱贴我司生产标签和ROHS标签

批准:

编制:

审核:

田进