

# 1. 产品图面 (Product Picture)

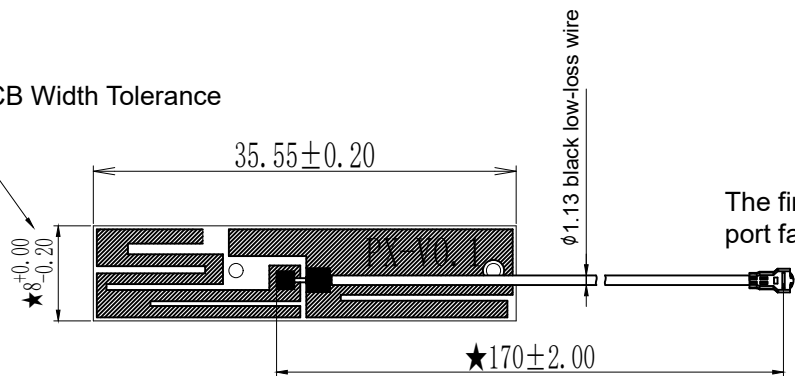
Welding spot

Copper foil area

Please control the line tolerance within 0.10 and 0.15 in shape.

Screen printing in white font

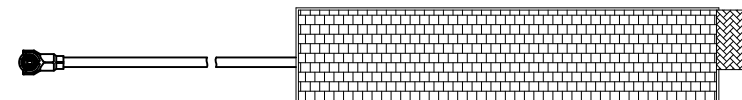
Change PCB Width Tolerance



The first generation terminal, port facing down

0.80

Position of tearing release paper manually



Double-sided adhesive on reverse side

## Remarks:

- Those marked with "★" are dimensions to be strictly controlled (required Grade A)  
 Mark "\*" as the important dimension (the mold making shall be controlled, and the mold acceptance must be measured at grade B), and others are the design reference dimension grade C;
- The shape and die size of product shall be strictly controlled;
- The surface is without oil, impurities and burrs etc.
- Without the confirmation of VLG, the materials shall not be changed at will;
- The packaging and quality standards refer to VLG packaging specifications and VLG quality standards respectively;
- The products must meet the requirements of EU DIRECTIVE 2002/95/EC (ROHS).

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Third-angle method		Type of machine	PX dual antennas	Date	2022.09.25	Page	2/12
0~10	$\pm 0.10$	○	0.02	Name	Body dual 2.4G antenna (right)	Drawing	He Farong
10~20	$\pm 0.15$	◎	0.03	Material No.	V2160-003-A-02	RF confirmation	
20~40	$\pm 0.20$	⊥	0.02	Material	High frequency board F4B T=0.8	Quality audit	
> 40	$\pm 0.25$	∕	0.04	Mold surface treatment		Structural audit	Approval
		∕	0.02	Appearance treatment		Unit	mm
Do not measure the drawings.	Location			Proportion		Version	R:B

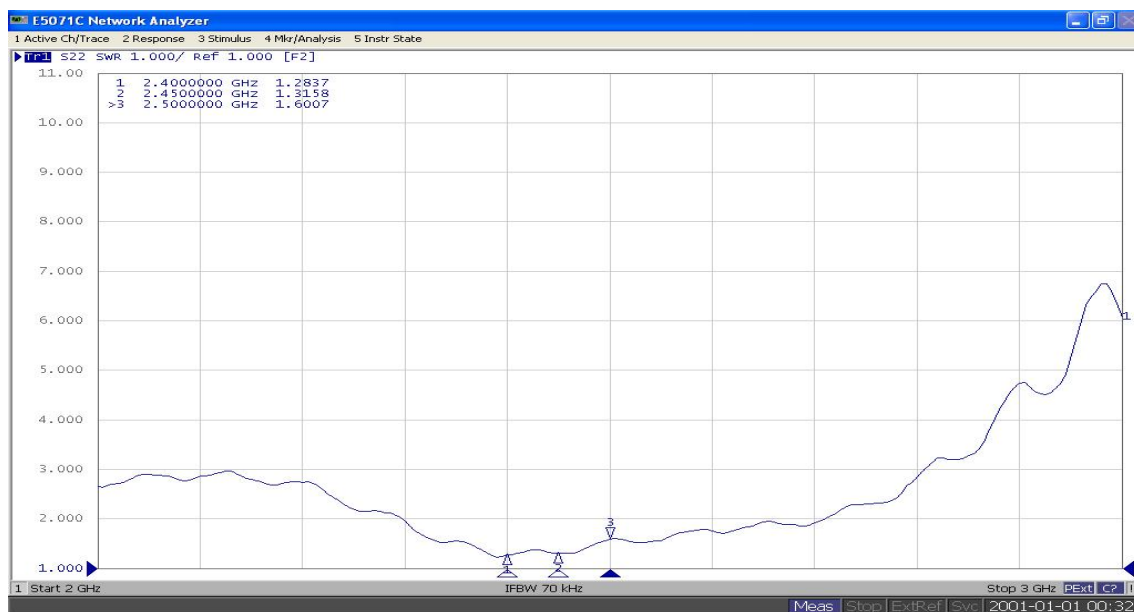
20220924	Change PCB Width Tolerance	R:B	Recovery:
Date	Modifications	Version	Remarks

## 2. 产品规格描述 (Product specification describes)

电气参数 (Parameter)	
频率范围 (Frequency)	2400-2500MHz
带宽 (Bandwidth)	/
输入阻抗 (Impedance)	50 $\Omega$
驻波比 (VSWR)	<2.5
增益 (Gain)	> 2.5dBi
最大效率 (Max. Efficiency)	>60%
极化方式 (Polarization)	Linear polarization/Vertical
辐射方向图 (Radiation pattern)	Omni-directional
接口类型 (Connector)	IPEX
机械参数 (Mechanical Parameter)	
总长 (Length)	
盐雾测试 (Salt Spray Test)	48H
环境参数 (Environment Parameter)	
工作温度 (Operation Temperature)	-30 $^{\circ}$ C~65 $^{\circ}$ C
储藏温度 (Storage Temperature)	-30 $^{\circ}$ C~75 $^{\circ}$ C

### 3. 电气性能测试报告(Radiation Report)

#### A-01 驻波图(VSWR)

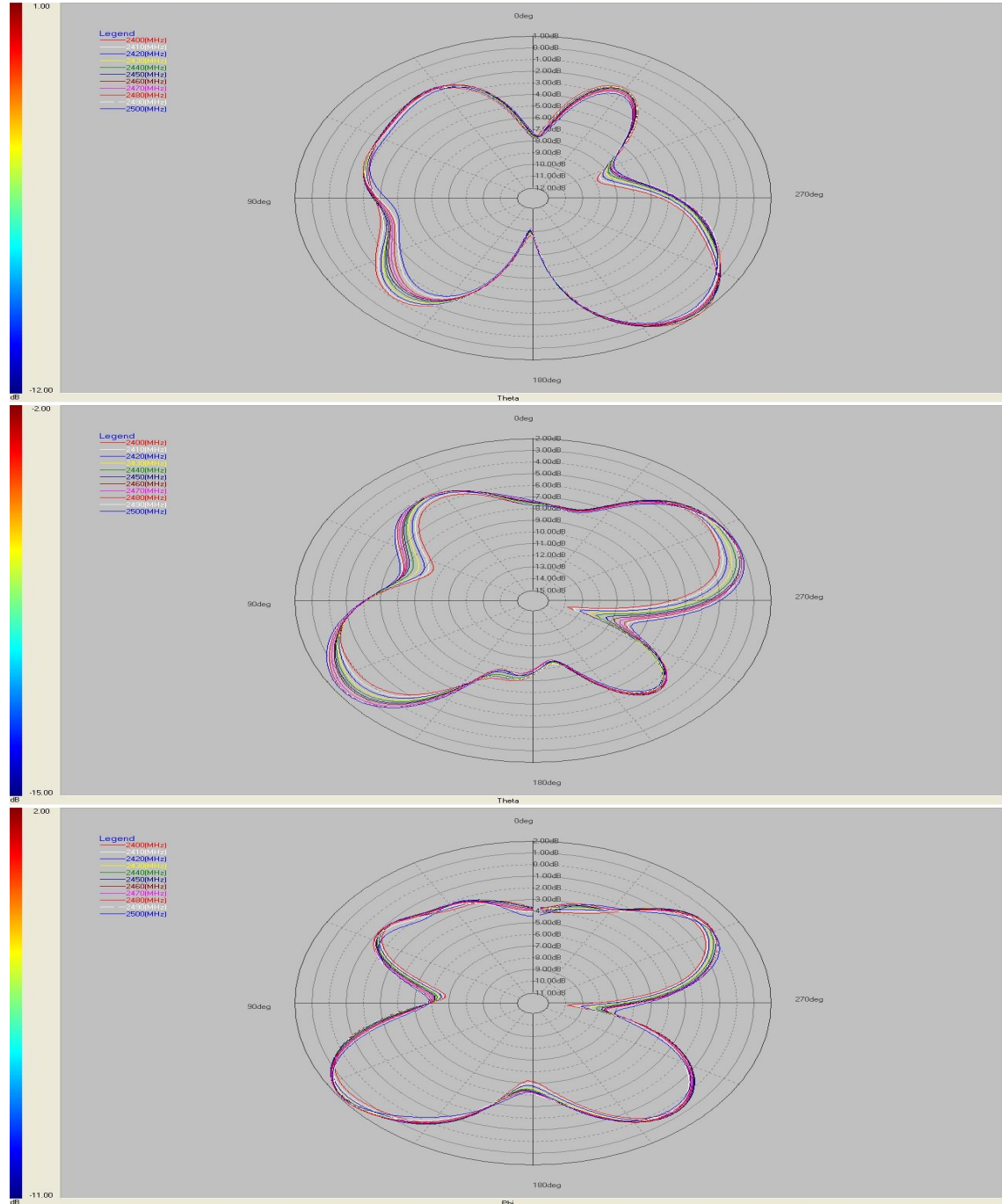


#### A-02 驻波图(VSWR)



# 2400-2500MHz

## A-01 方向图(radiation pattern)



# 2400-2500MHz

## A-02 方向图(radiation pattern)

