

1. 产品图面(Product Picture)

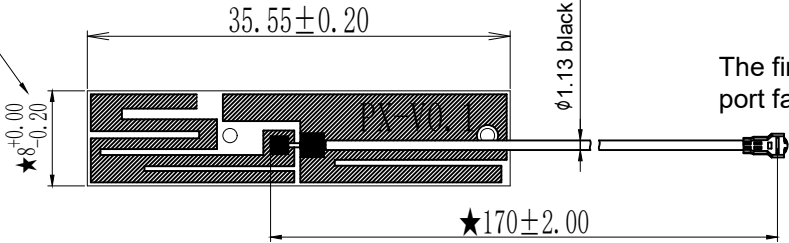
Welding spot

Copper foil area

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

Screen printing in white font

1 Change PCB Width Tolerance



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	±0.10	○	0.02	Name	Body dual 2.4G antenna (right)	Drawing	He Farong	RF confirmation	
10~20	±0.15	◎	0.03	Material No.	V2160-003-A-02	Quality audit			
20~40	±0.20	⊥	0.02	Material	High frequency board F4B T=0.8				
> 40	±0.25	∠	0.04	Mold surface treatment		Structural audit		Approval	
		↗	0.02	Appearance treatment		Unit	mm	Proportion	Version
Do not measure the drawings.		Location							R:B

20220924	1 Change PCB Width Tolerance	R:B	Recovery:
Date	Modifications	Version	Remarks

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

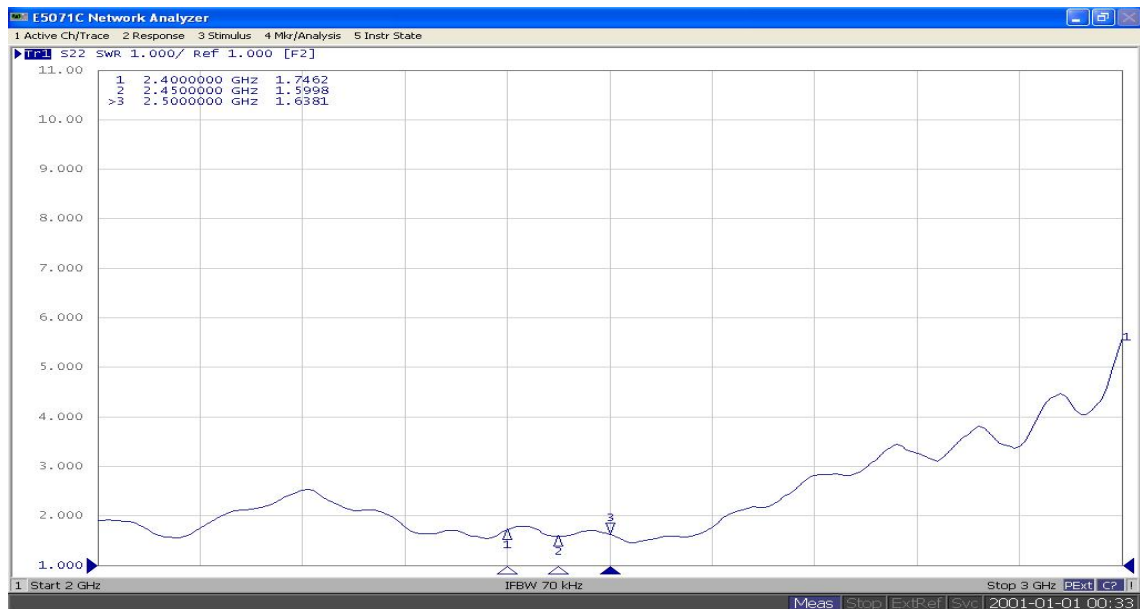
电气参数 (Parameter)	
频率范围 (Frequency)	2400-2500MHz
带宽 (Bandwidth)	/
输入阻抗 (Impedance)	50 Ω
驻波比 (VSWR)	<2.5
增益 (Gain)	> 2.5dBi
最大效率 (Max. Efficiency)	>60%
极化方式 (Polarization)	Linear polarization/Vertical
辐射方向图 (Radiation pattern)	Omni-directional
接口类型 (Connector)	IPEX
机械参数 (Mechanical Parameter)	
总长 (Length)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

3. 电气性能测试报告(Radiation Report)

A-01 驻波图(VSWR)

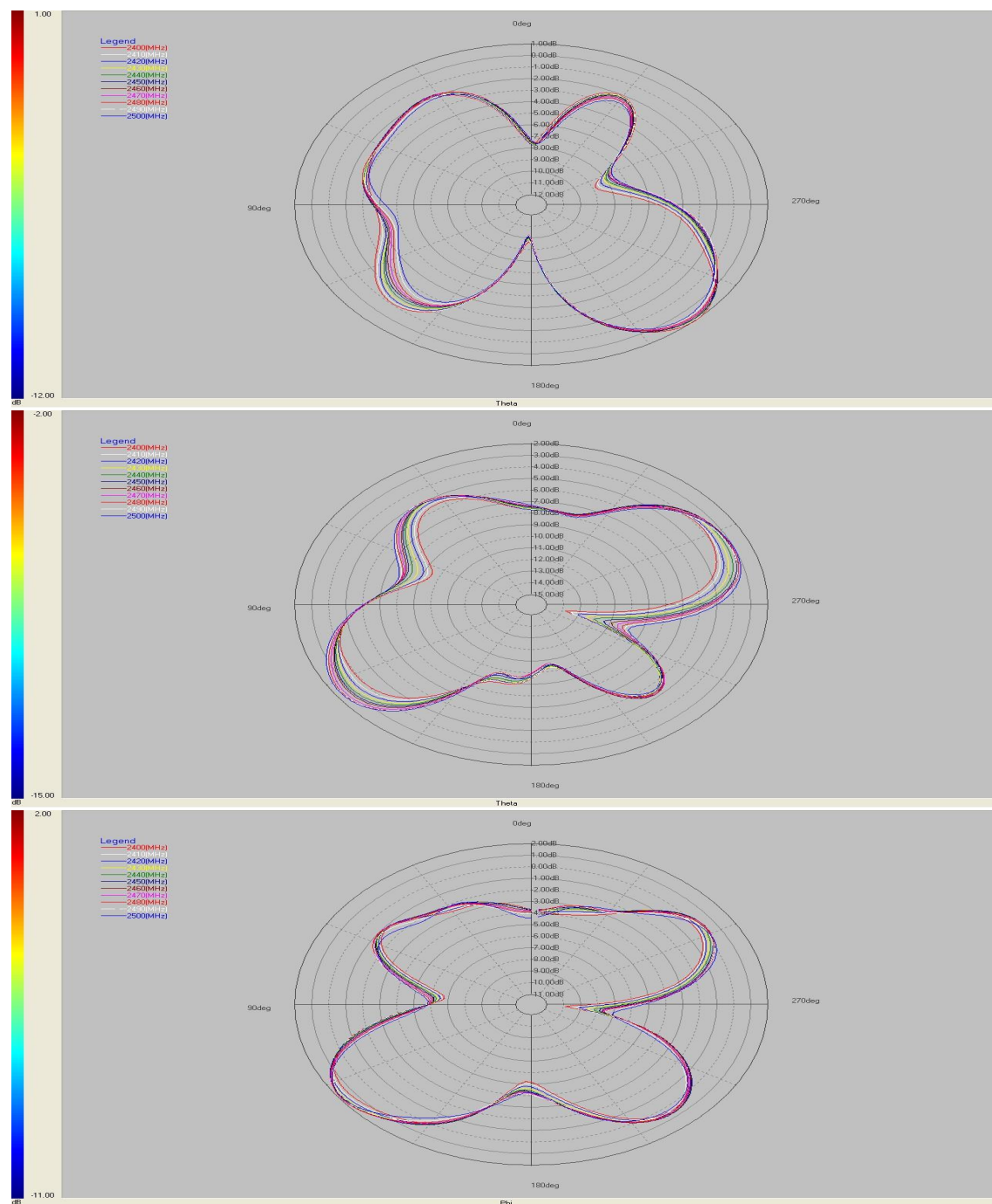


A-02 驻波图(VSWR)



2400-2500MHz

A-01 方向图(radiation pattern)



2400-2500MHz

A-02 方向图(radiation pattern)

