

红点信息科技有限公司（深圳）有限公司

Customer Name: Shenzhen Zhuolimei Electronics Co., Ltd

Model _____

Customer Item No: _____

Customer specifications: _____

Red Dot Item No.: HD.F-21-13-IPX _____

Red dot specification description: _____

2.4G antenna 0.81 black wire length 45mm, third generation
terminal pasted with foam (RoHS)

承 认 书

确 认 签 字 盖 章					
红 点 确 认			客 户 确 认		
制样	审核	批准	验证	审核	批准
周路超	左婧	张冬梅			
红点签字盖单			客户签字盖单		
日 期	2022 04- 12		日 期	2022 04- 12	

Redpoint Information Technology (Shenzhen) Co., Ltd

Document preparation/modification/resume

[illegible]

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Street, Longhua District, Shenzhen

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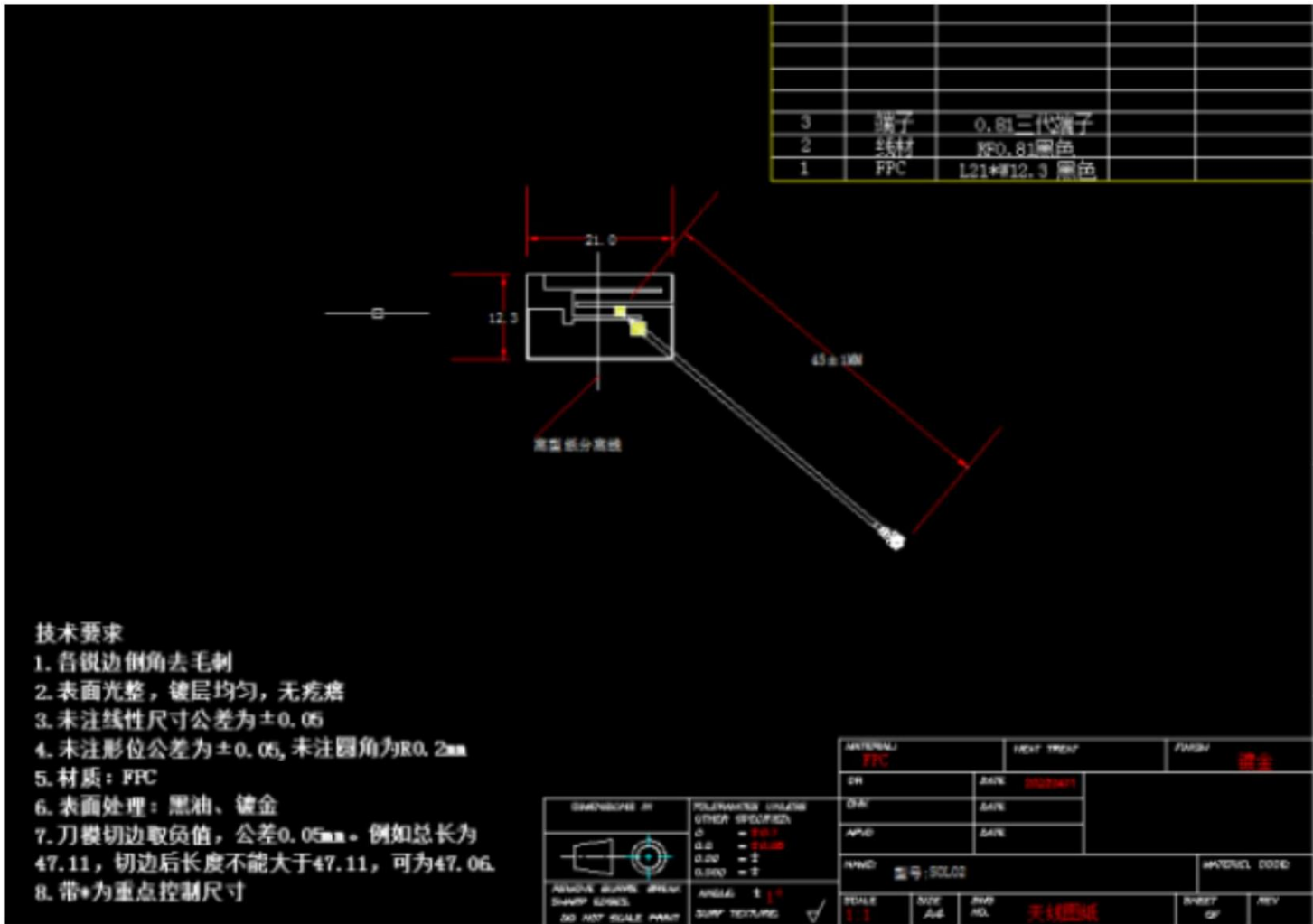
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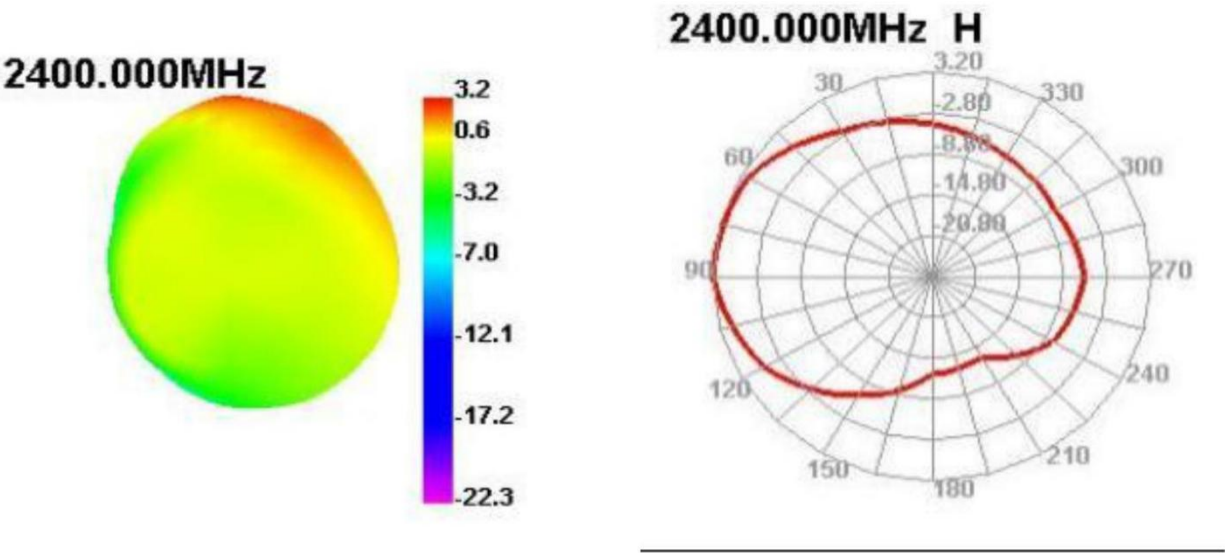
5. Passive performance test parameters

Frequency (MHz)	2400	2450	2500
Return loss	-10.5	-14.8	-10.2

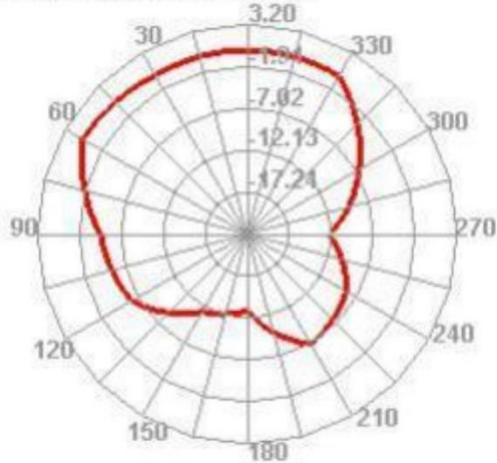


6、2D. 3D Performance Chart

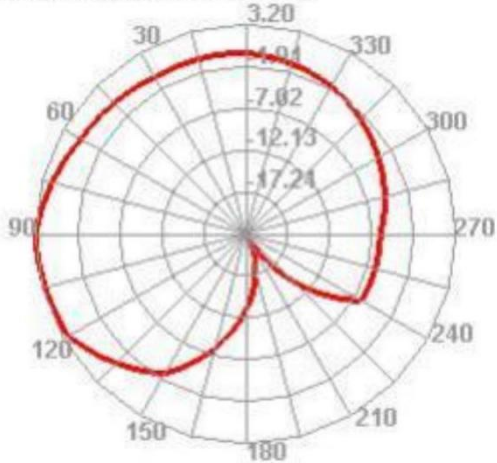
Passive Test For WIFI2.4				
Freq	Effi	Effi	Gain	Gain
(MHz)	(%)	(dB)	(dBi)	(dBd)
2400	56.8	-2.37	3.1	1.06
2410	60.05	-2.22	3.38	1.25
2420	61	-2.08	3.56	1.41
2430	63.05	-3	3.85	1.68
2440	62.57	-2.56	3.58	1.45
2450	62.07	-2.1	3.76	1.7
2460	58.9	-2.39	3.48	1.3
2470	61.23	-2.25	3.7	1.56
2480	56.5	-2.6	3.39	1.25
2490	59.05	-2.38	3.46	1.35
2500	53.05	-2.31	2.85	0.67



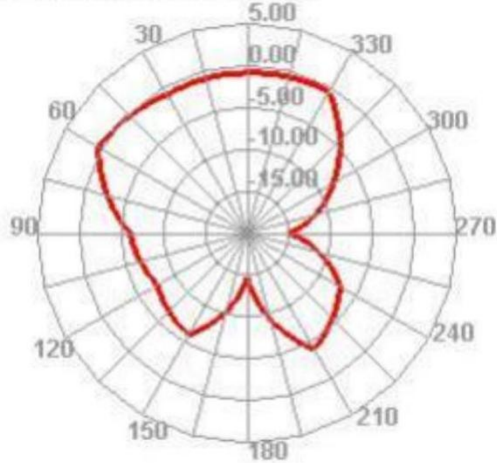
2400.000MHz E1



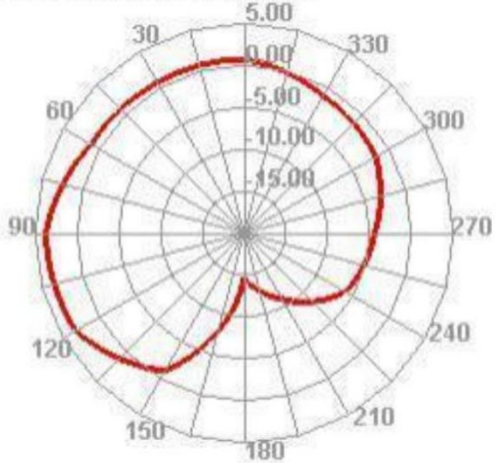
2400.000MHz E2



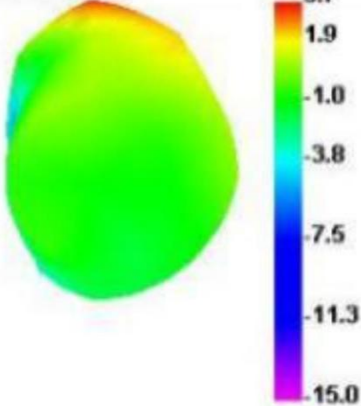
2450.000MHz E1

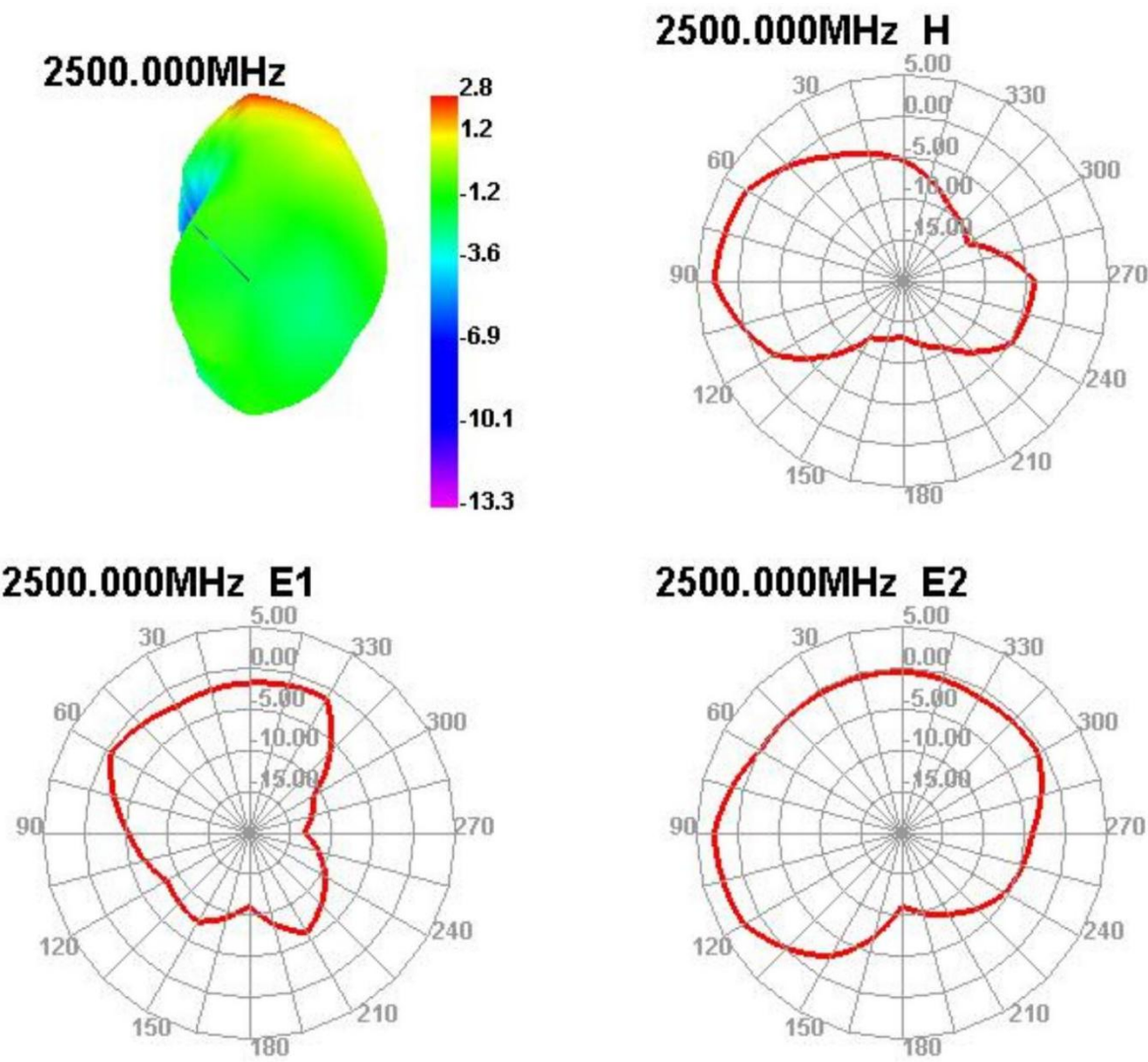


2450.000MHz E2



2450.000MHz





7、电气性能参数

名称 项目	2.4G 天线	Name	2.4G Antenna
频率范围 (MHz)	2400-2500	Frequency (MHz)	2400-2500
带宽 (MHz)	100	Bandwidth (MHz)	100
极化方式	线极化	Polarization Type	linear polarization
天线增益 (dBi)	3.85	Gain (dBi)	3.85
辐射方向	全向	Radiation Pattern	Omni directional
电压驻波比	≤2.5	VSWR	≤2.5
输入阻抗 (Ω)	50	Input Impedance (Ω)	50
电缆线长度 (mm)	45	Cable length (mm)	45
电缆线颜色	黑色	Cable Colour	Black
接口形式	IPEX	Connector Type	IPEX MHF
工作温度 (℃)	-40~+85	Operation temperature (℃)	-40~+85
存储温度 (℃)	-40~+85	Store temperat (℃)	-40~+85

8、Packaging specification

Product Item No.: HD.F-21-13-IPX

specificati 2.4G antenna 0.81 black wire length 45mm third generation terminal

on:

Demander:

supplier: Redpoint Information Technology (Shenzhen) Co., Ltd

