

Reddot INFORMATION Technology (Shenzhen) Co., LTD

customer name: Shenzhen Guanzhi Technology Co., LTD

Customer model :

Customer P/N

Customer specification
description: Redpoint

part no: HD.F-34.5-9-65

Red dot
specification
description : FPC antenna 34.5MM*9MM black, 1.13 HV-cable
black 65MM

At tornment

Confirm signature and seal					
Red dot confirmation			customer confirmation		
preparation	check	ratify	verify	check	ratify
Zhou Lu Chao	Zuo Qiang	Zhang Dongmei			
Red dot signature cover sheet			Customer signature and cover sheet		
date	2022 07-27		date	2022 07-27	

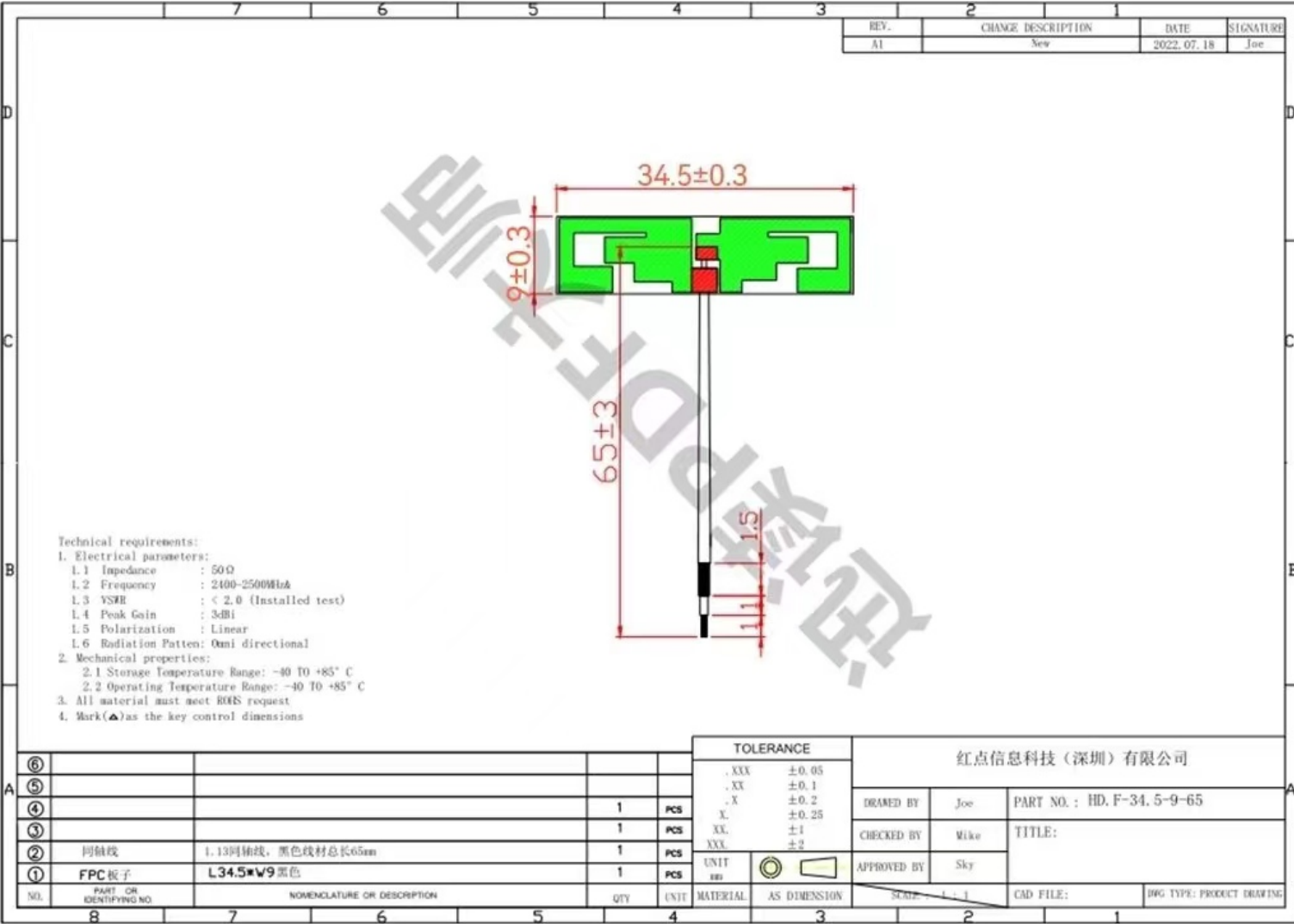
2. Document formulation/revision/abolition of resume

[illegible]

Catalog

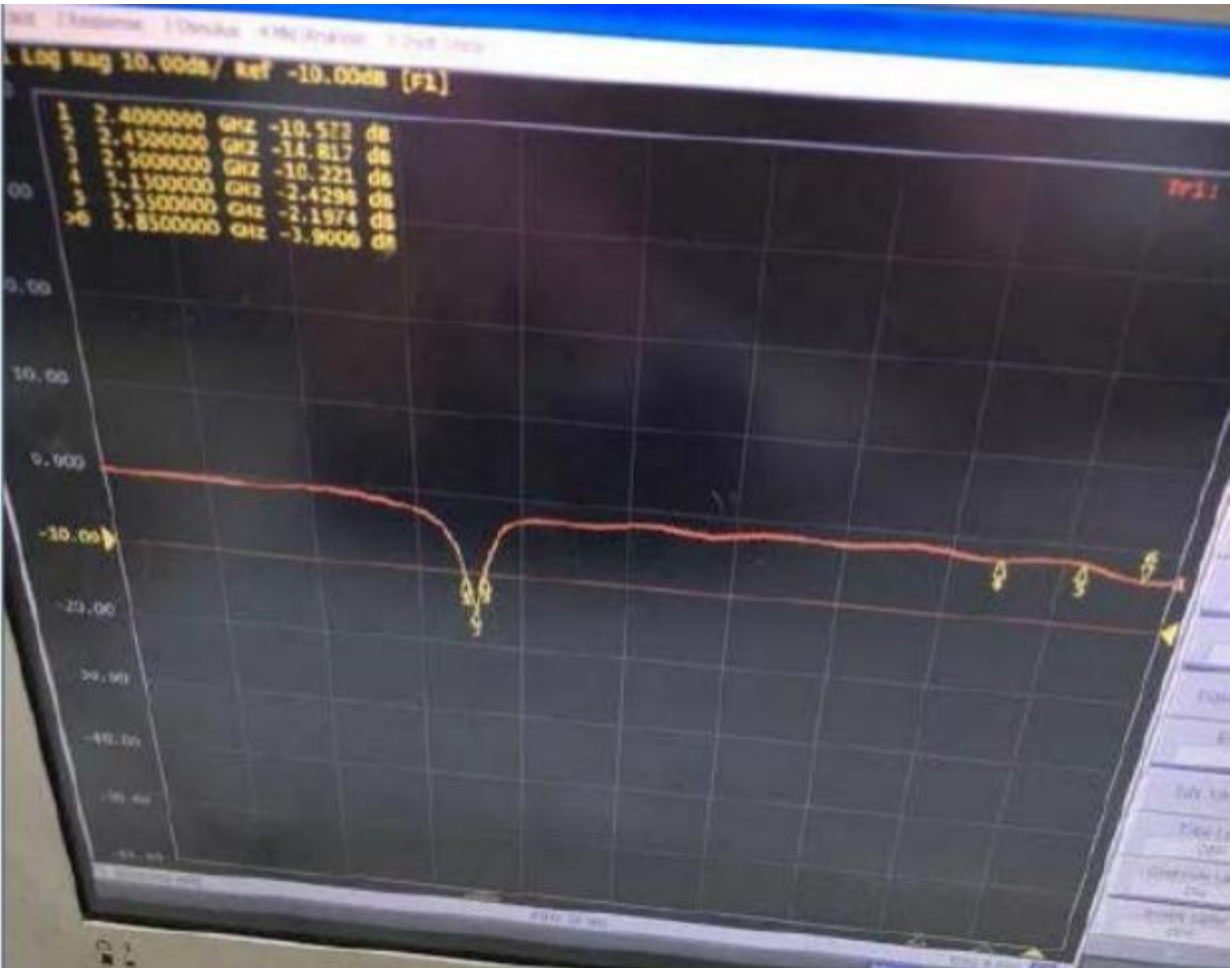
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4、product drawing



5、Passive performance parameters

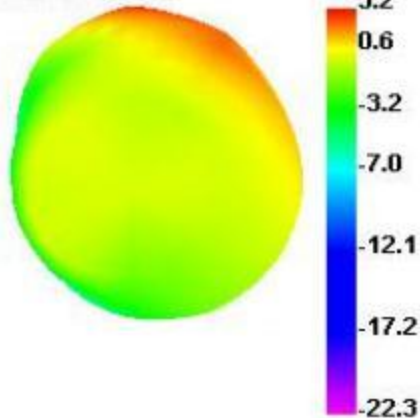
Frequency (MHz)	2400	2450	2500
Return loss	-10.5	-14.8	-10.2



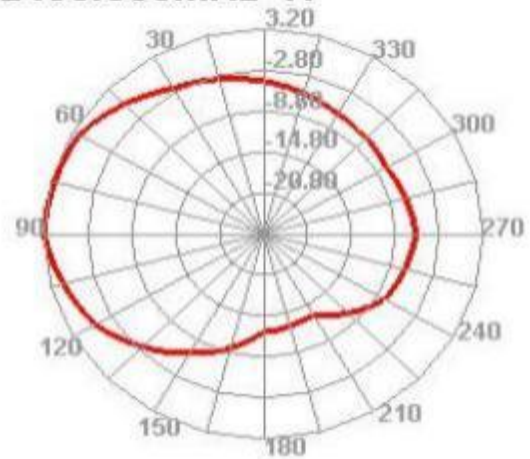
6、 2D,3D performance plots

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

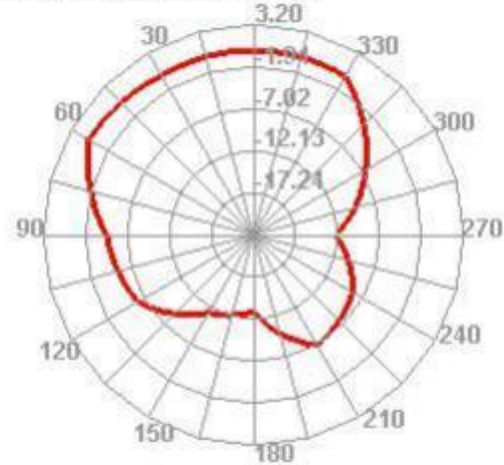
2400.000MHz



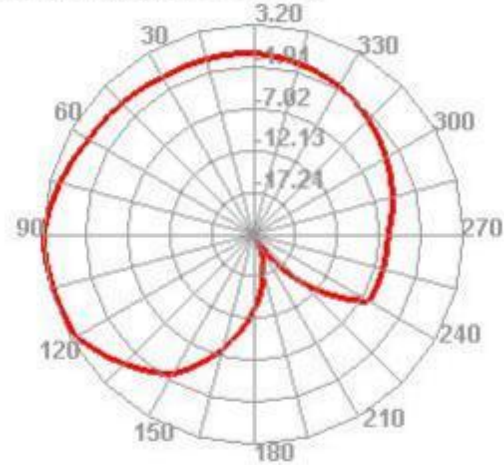
2400.000MHz H



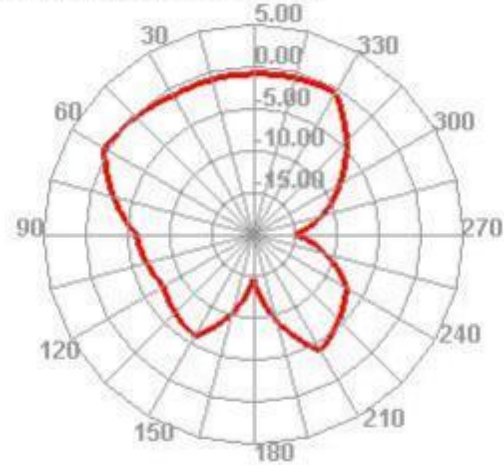
2400.000MHz E1



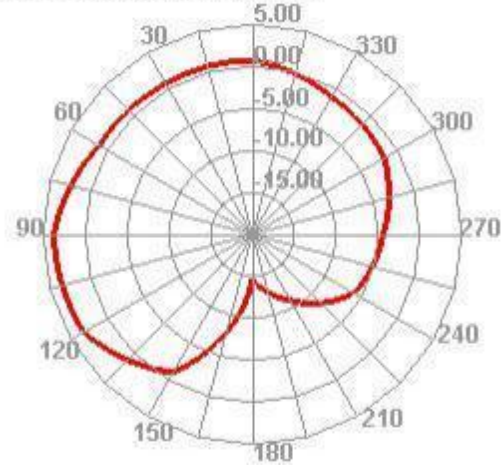
2400.000MHz E2



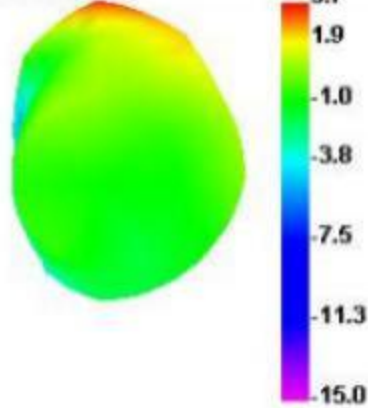
2450.000MHz E1



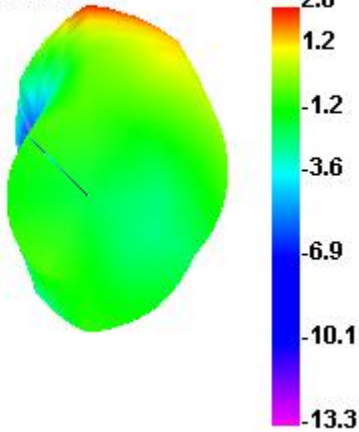
2450.000MHz E2



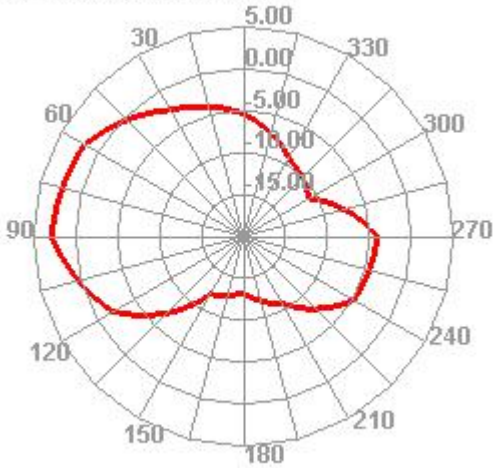
2450.000MHz



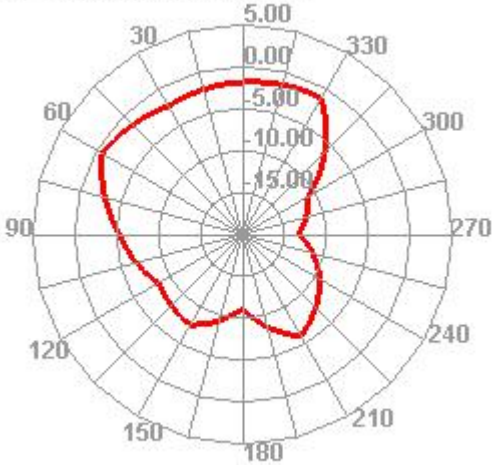
2500.000MHz



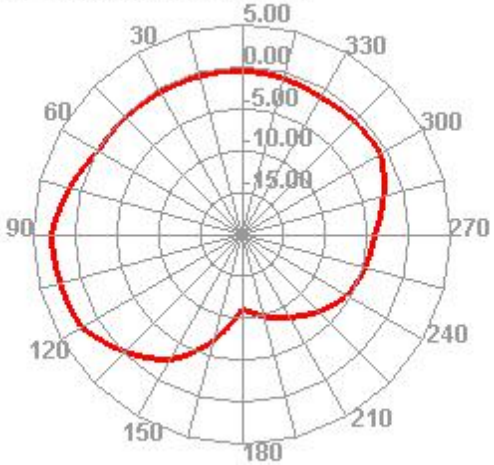
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



7、Electrical performance name

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)	65	Cable length (mm)	65
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

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8、Product packaging specification

Product part number: HD.F-34.5-9-65														
Specifications: FPC antenna 34.5MM*9MM black, 1.13 black wire 65MM														
一、labeling requirement														
The inner label is 45 long and 70 wide										The outer label is 45 in length and 70 in width				
acquirer										acquirer				
supplier		Reddot INFORMATION Technology (Shenzhen) Co., LTD								supplier		Reddot INFORMATION Technology (Shenzhen) Co., LTD		
Customer order number										客户订单				
Customer P/N										Customer P/N				
material code										material code				
Product name Specification			inspector								Product name Specification		inspector	
Quantity/Unit			date of manufacture								Quantity/Unit		date of manufacture	
remark										remark				
二、packing requirements														
1、inner packing														
product xxx PCS/stab xxx PCS/packet														
2、external packing														
xxx PCS BOX														
Notes:														