

Reddot INFORMATION Technology (Shenzhen) Co., LTD

customer name: Shenzhen Guanzhi Technology Co., LTD
Customer model : _____
Customer P/N _____
Customer specification Redpoint
description: _____
part no: HD.F-34.5-9-65
Red dot specification FPC antenna 34.5MM*9MM black , 1.13 HV-cable
description : black 65MM _____

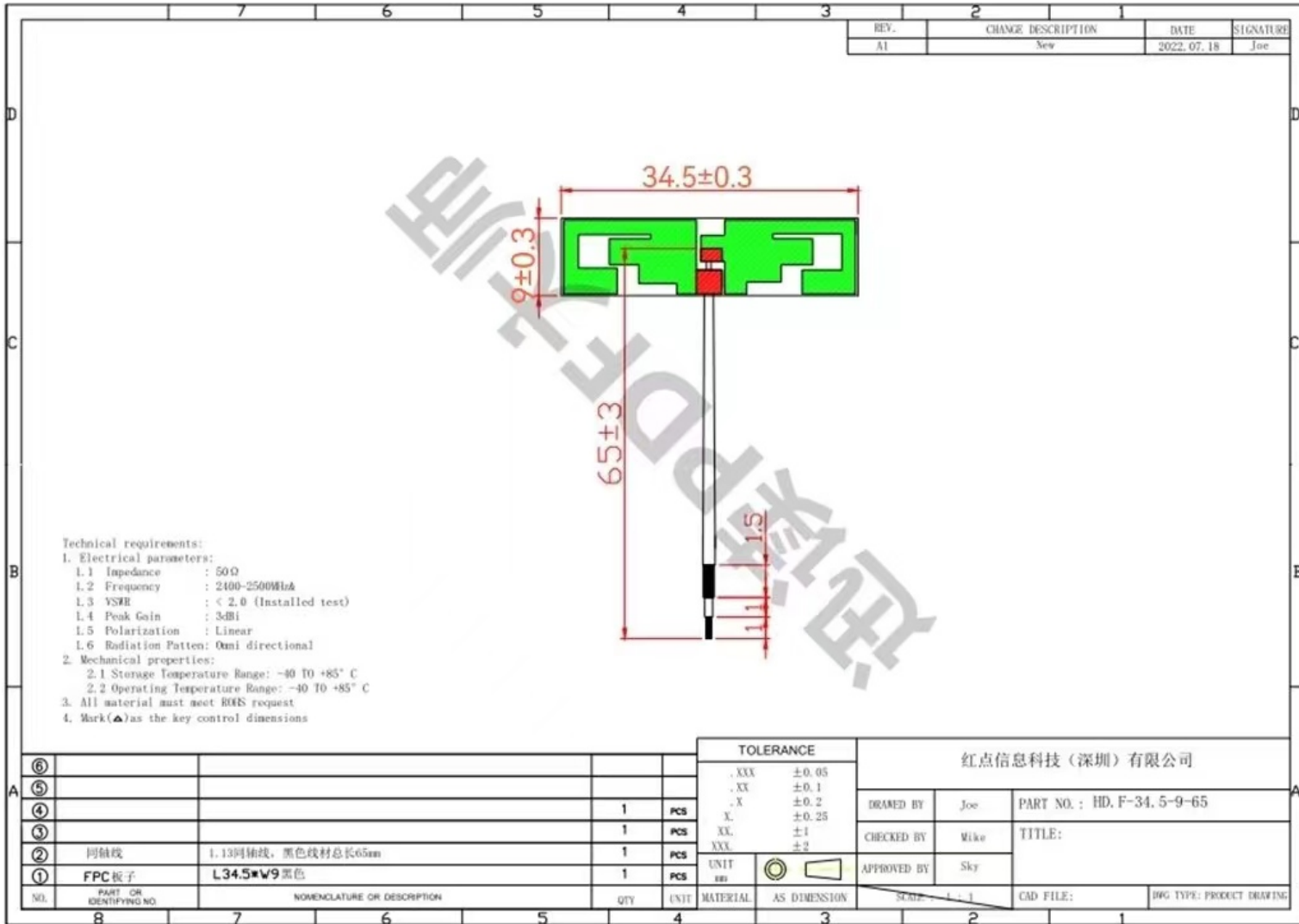
Attornment

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

Catal og

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4、 product drawing



5、Passive performance parameters

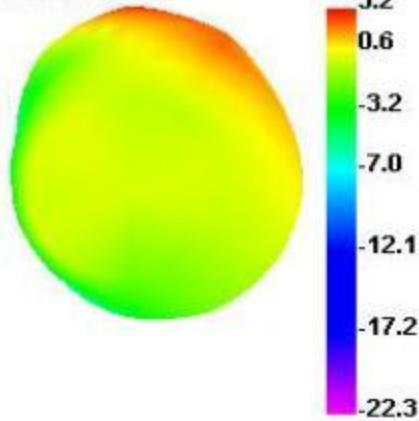
Frequency (MHz)	2400	2450	2500
Return loss	-10.5	-14.8	-10.2



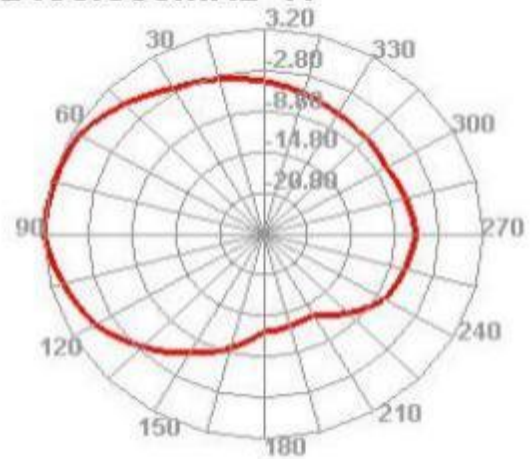
6、 2D, 3D performance plots

Passive Test For WIFI2.4				
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (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

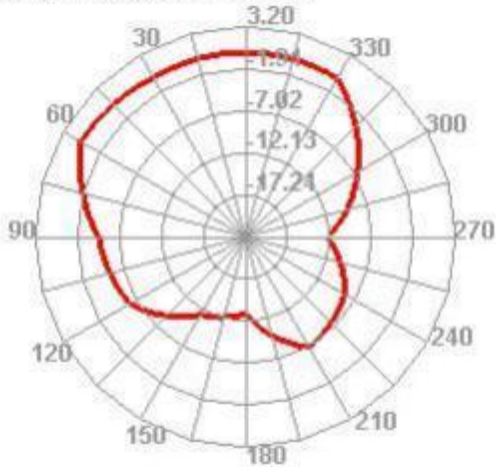
2400.000MHz



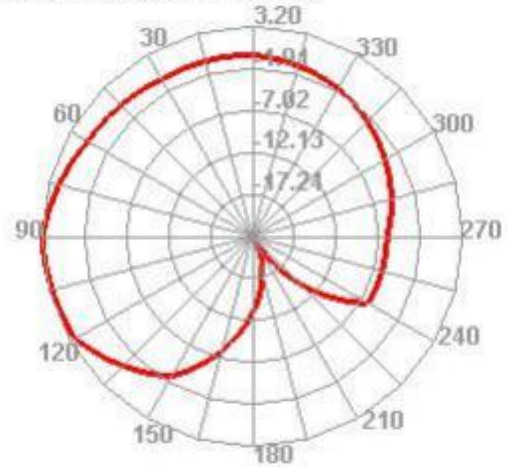
2400.000MHz H



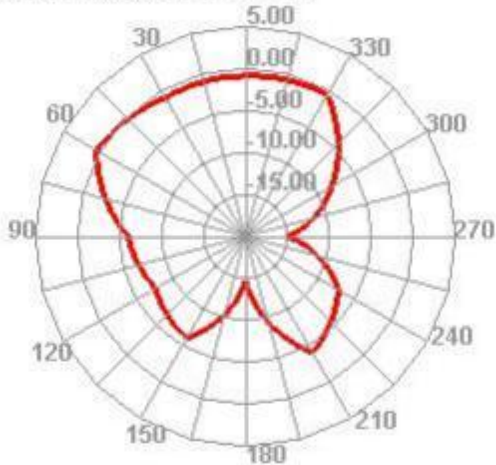
2400.000MHz E1



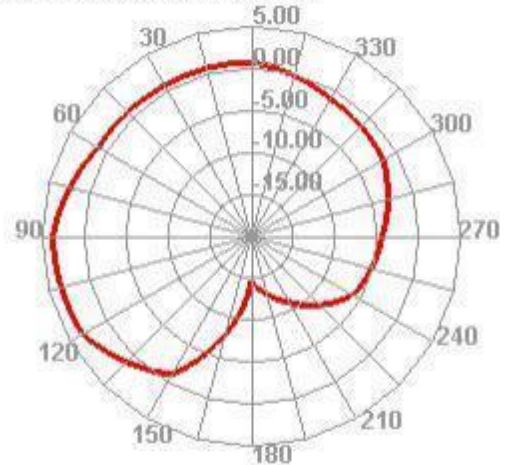
2400.000MHz E2



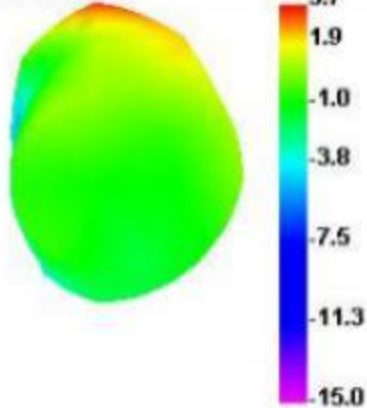
2450.000MHz E1



2450.000MHz E2

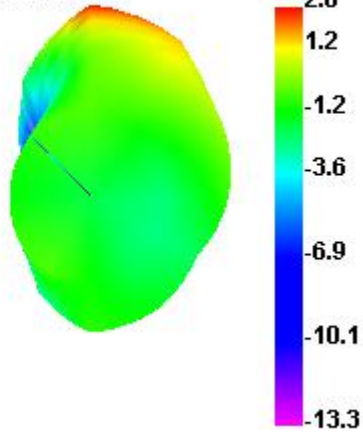


2450.000MHz

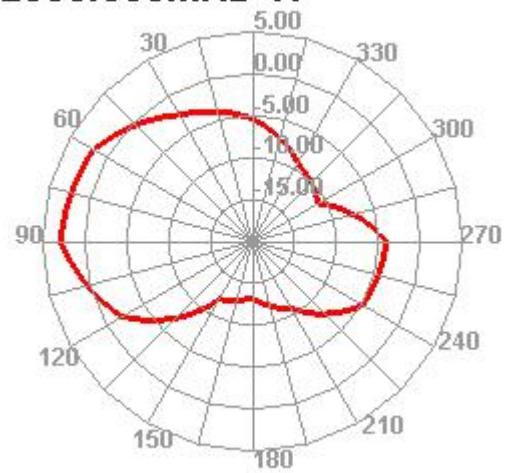


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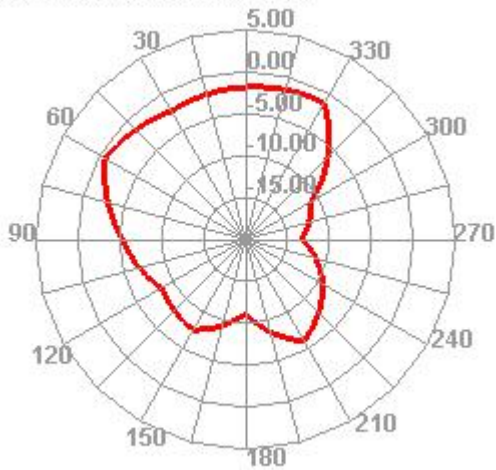
2500.000MHz



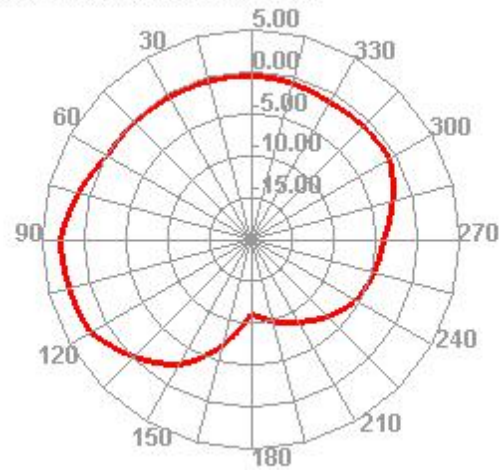
2500.000MHz H



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 (°C)	-40~+85	Operation temperature (°C)	-40~+85
存储温度 (°C)	-40~+85	Store temperat (°C)	-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		
Quantity/Unit	date of manufacture		
remark			
二、packing requirements			
1、inner packing product xxx PCS/stab xxx PCS/packet			
2、external packing xxx PCS BOX			
Notes:			