

REDDOTINFORMATIONTECHNOIOGYSHENZHENCO, LTD

PRODUCT SPECIFICATION

Customer	
Customers part number	
ProductMaterialCode	HD. F-34. 5-9-43
Working Band	2400MHz-2500MHz
Issue Date	2024-10-09
ReleaseVersion	A4
Author	Zou yang cheng

Directory

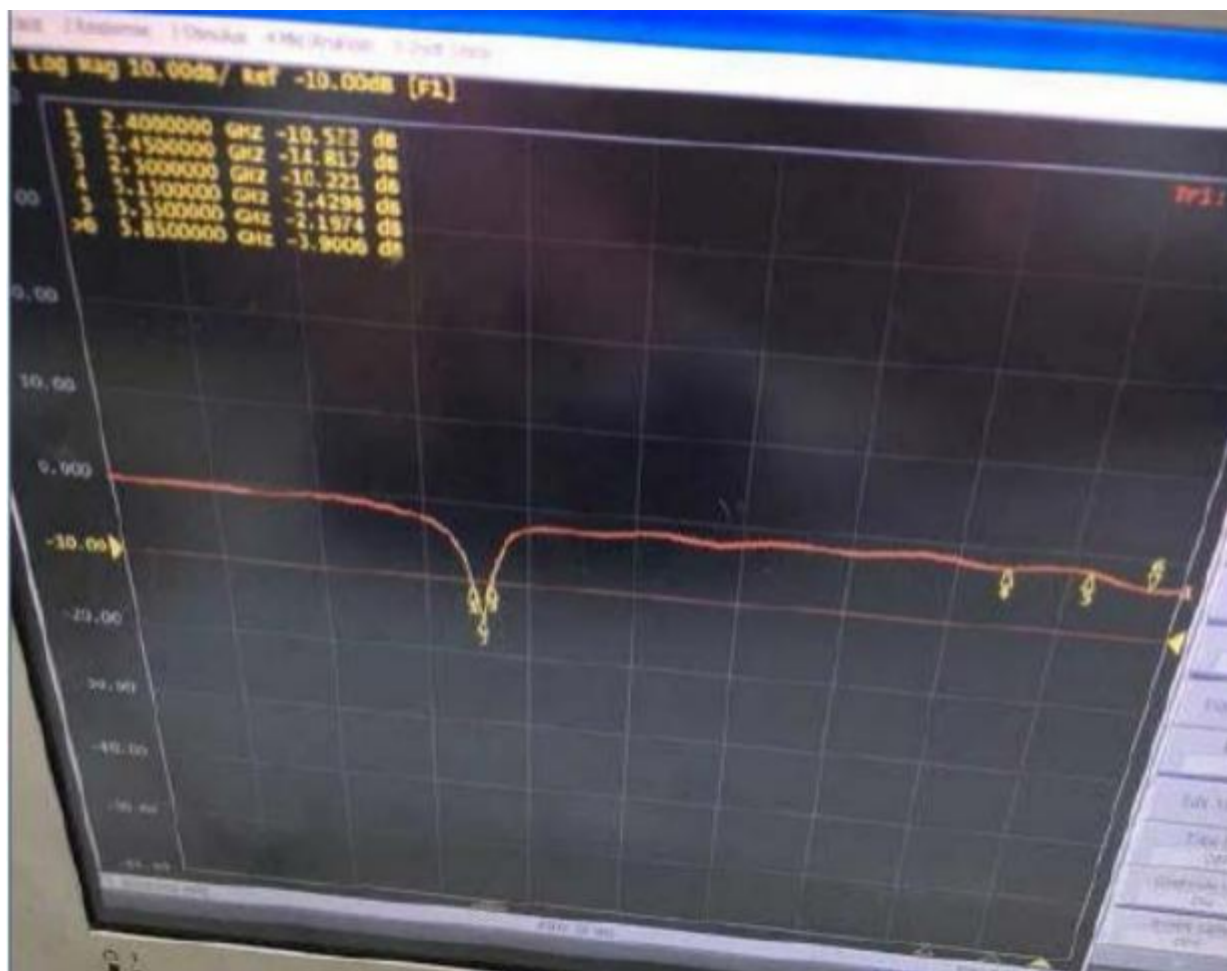
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One 、PRODUCTTECHNICALSPECIFICATION

FrequencyRange (MHz)	2400-2500
InputImpendence(Ω)	50
VSWR	≤2.0
Radiation	Omni-directional
Gain(dBi)	3.85
PolarizationType	Liner polarization
AdmittedPower Connector	2W
ConnectType	weld
Bandwidth (MHz)	100
ChassisColor	Black
Operation temperature(℃)	-40~+85
Storetemperat(℃)	-40~+85

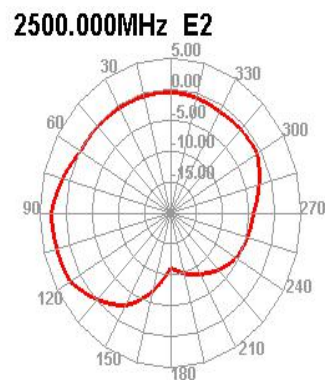
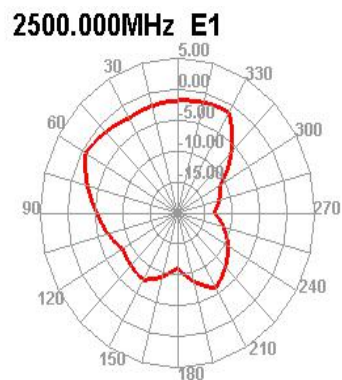
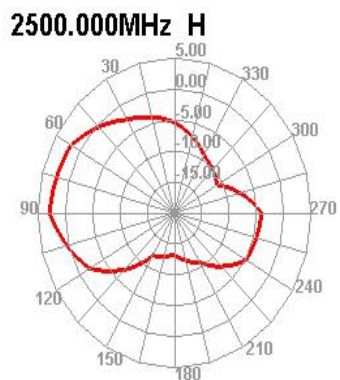
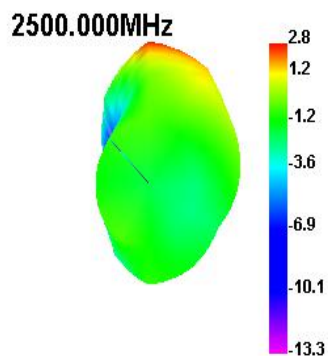
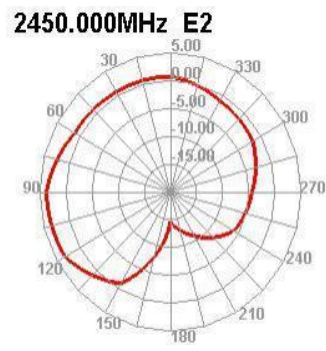
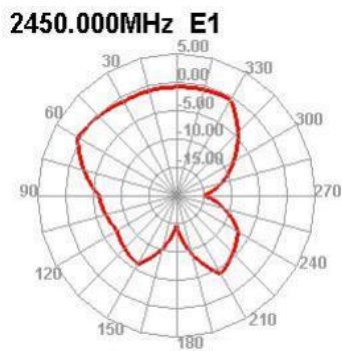
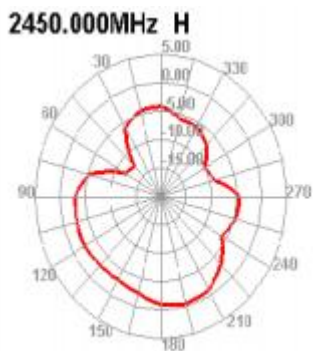
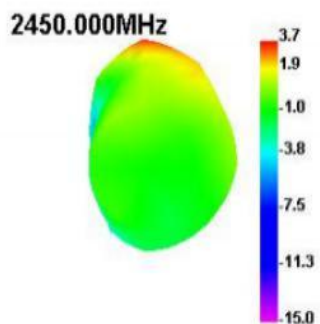
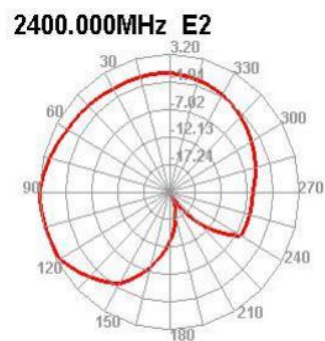
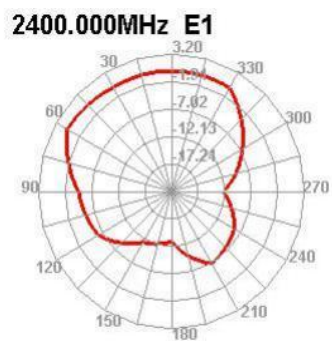
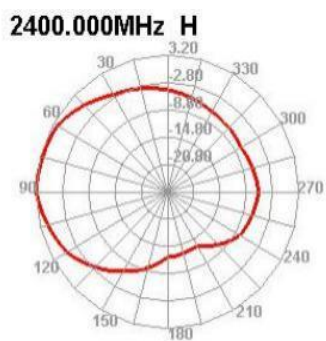
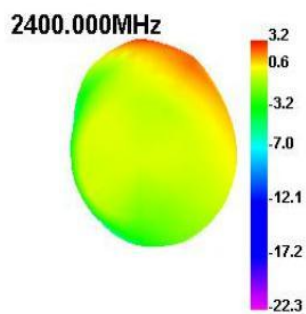
Two 、 VSWR

Frequency (MHz)	2400	2450	2500
VSWR	-10.5	-14.8	-10.2



Three、Efficiency/Gain/DirectivityDiagram

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



Four、Product drawing

