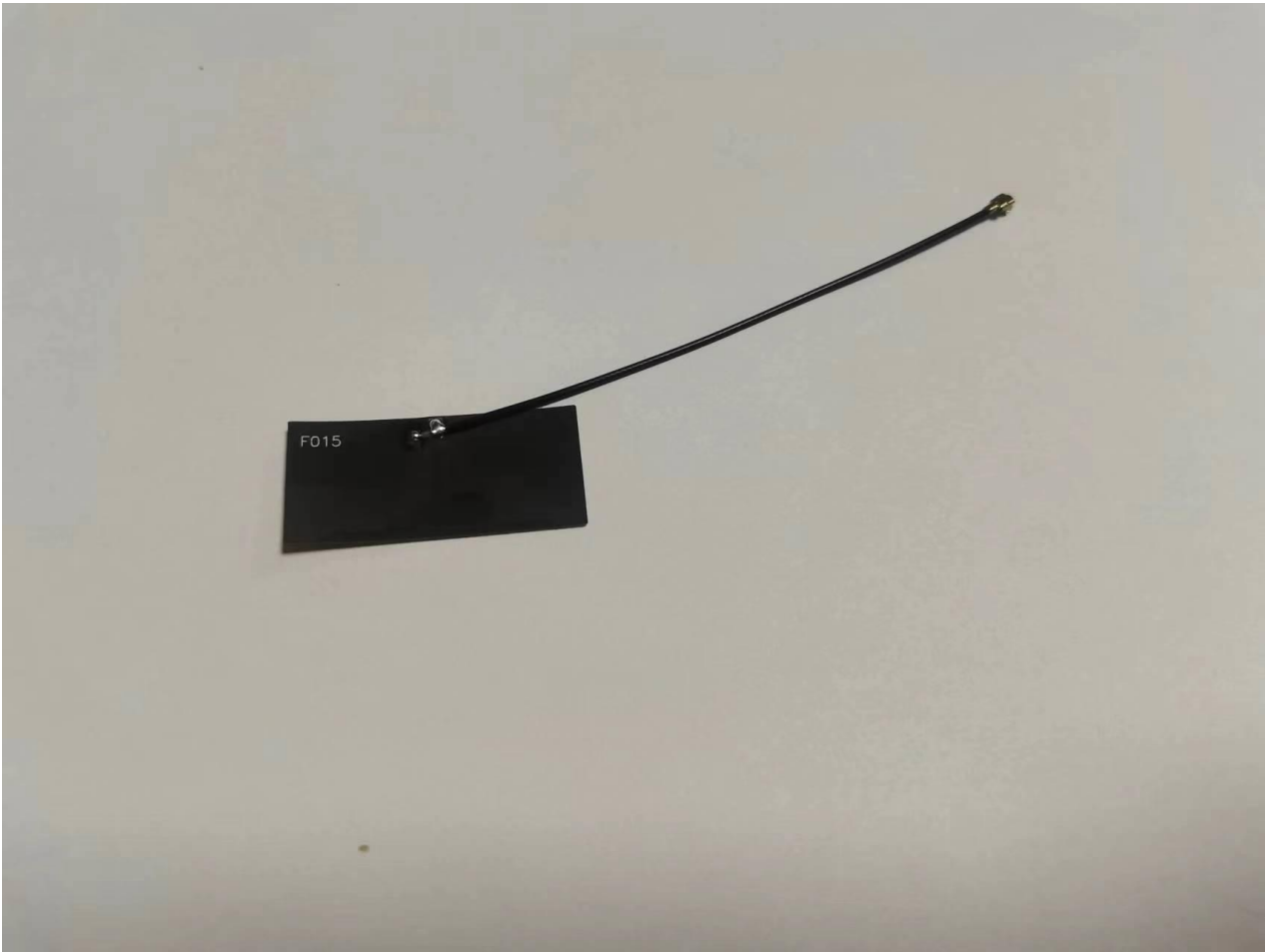


一、Product Image



二、Product parameters

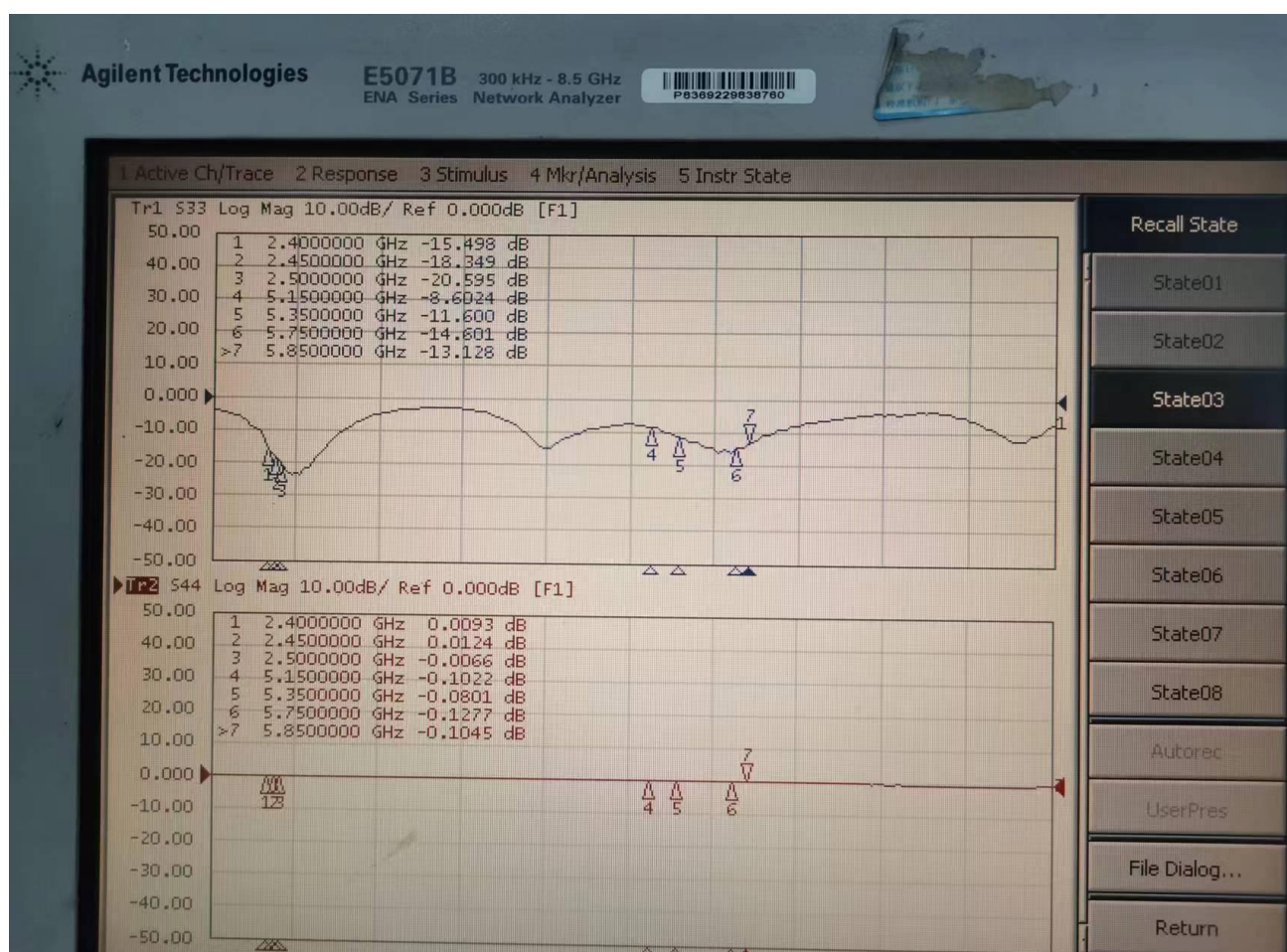
Product test parameters			
产品名称(Name)	F015-WIFI-2.4G ANT	产品型号(Model Type)	
电 性 能 指 标 (Electrical Specifications)			
频率范围 (Frenquency Range)	2400-2500MHZ	极化方式 (Polarization)	vertical
输入阻抗(Impedance)	50 Ω	Radiation direCtion	OmnidireCtional
驻波比 (VSWR)	≤2	功率容量(Power)	50W
增益(Gain)	3dBi	带宽 (Bandwidth	100MHz

机械指标 (Mechanical Specifications)

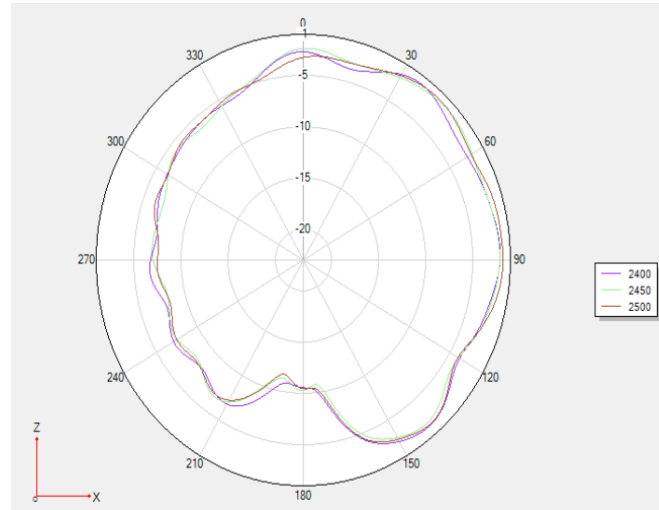
尺寸 (Dimensions)	38MM±1MM	天线颜色(Chassis Color)	black
连接器型号 (Connector)	M2	引线长度(Cable Length)	150MM±1MM
天线材料 (Chassis Material)	ABS		
工作温度 (Working Temperature)	-40℃±85℃	存放温度 (Limit Temperature)	-40℃±85℃

三、S11 (VSWR 、 Return loss 、 Smith) data

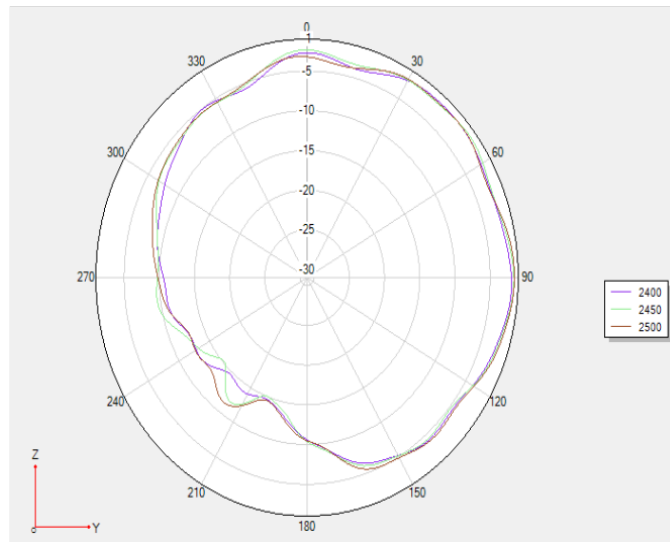
一. Network Analyzer Report



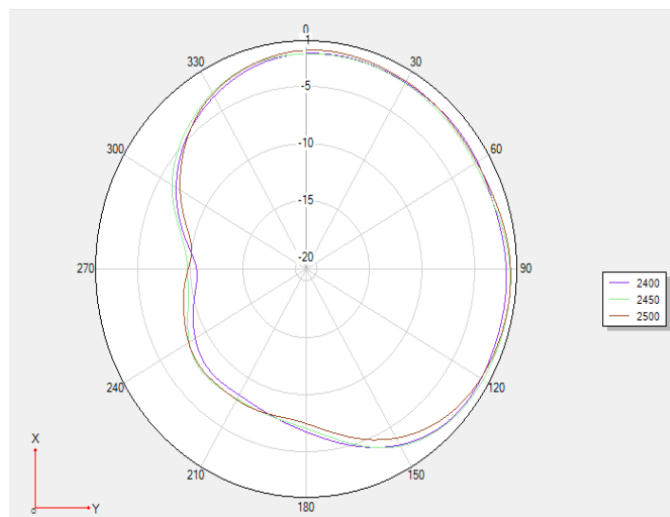
二.darkroom data



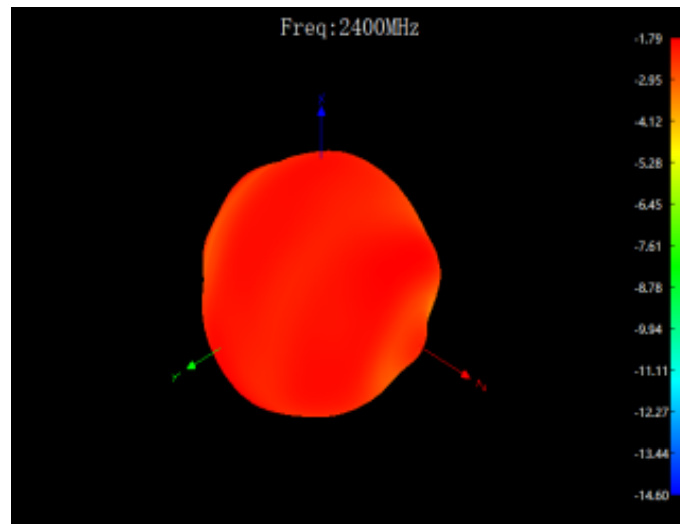
phi 0 2D



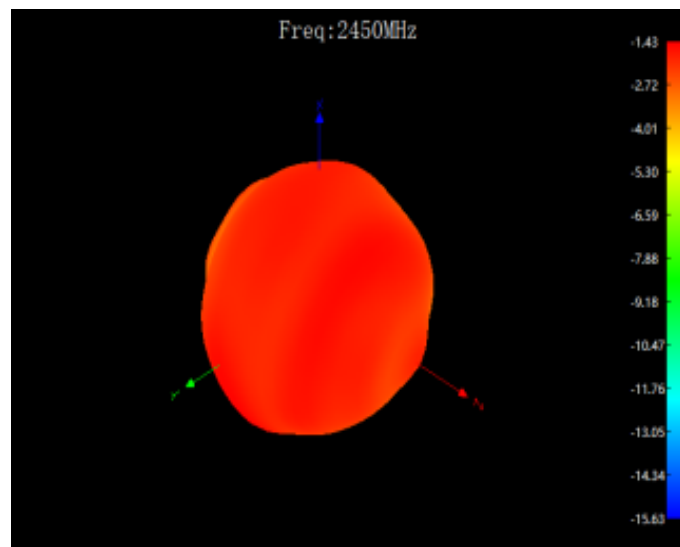
phi 90 2D



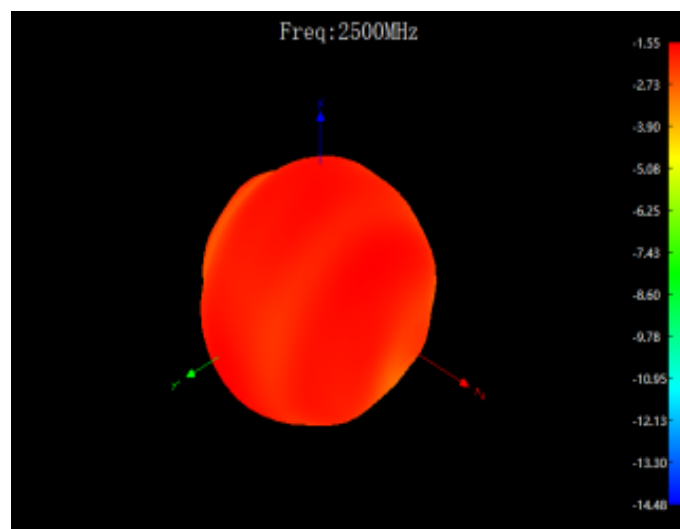
Theta 90 2D



2400HMZ



2450HMZ



2500HMZ

四、Antenna efficiency, gain value

Freque	Efficier	Efficiency / %	Freque	MaxGa	AvgGain/dBi
2400	-3.33	46.45	2400	1.68	-3.33
2450	-2.98	50.35	2450	2.85	-2.98
2500	-2.64	54.45	2500	4.63	-2.64

Technical drawing of a cable assembly. The main view shows a cable with a yellow connector being inserted into a green component. Dimensions are given: 38.±0.5 for the total length of the cable and connector, and 18.±0.5 for the length of the green component. A side view shows the cable with a diameter of 1.58 and a length of 150.

设计		周永辉		名称		WIFI天线	
审核				物料号		F015	
批准				比例		1:1	
				图次		01	
				单位		mm	
				视图		主视图	
				变更标记		—	
				变更数量		—	