

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME: Heltec Automation Technology Co., Ltd

产 品 名 称

PRODUCT NAME: 2.4G Folding Antenna 11CM nickel-plated SMA inner screw inner needle

客 户 料 号

CUSTOMER P/N:

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versions	date	change record
V1.0	2022-11-23	Initial Release

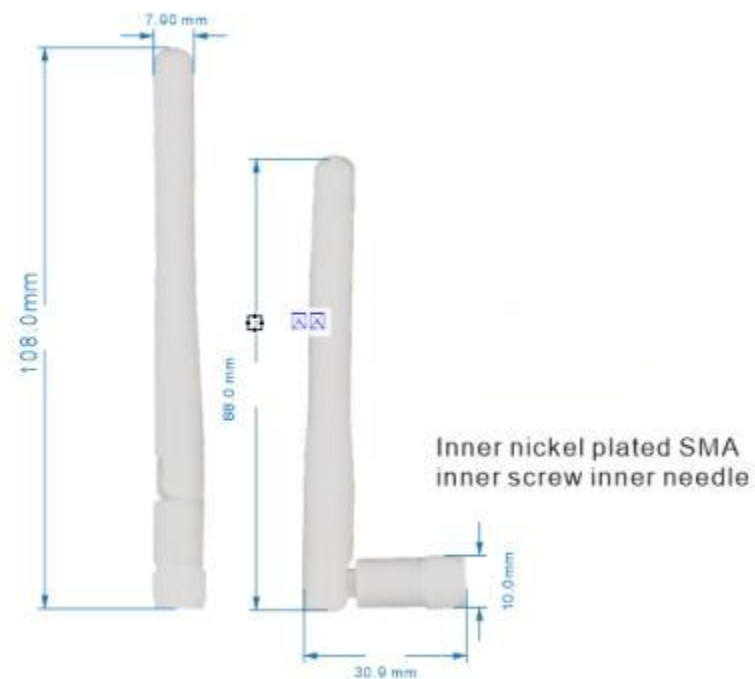
一、 change resume

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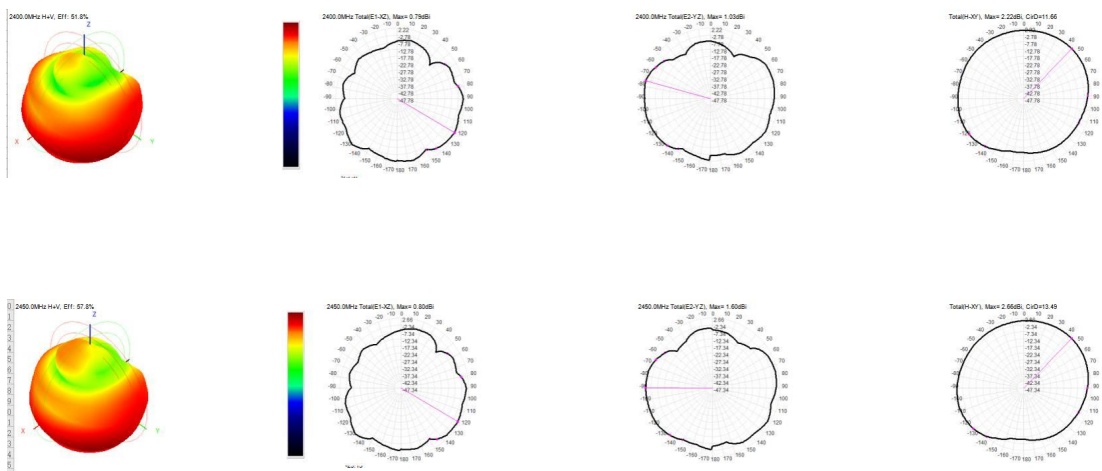
二、specification table

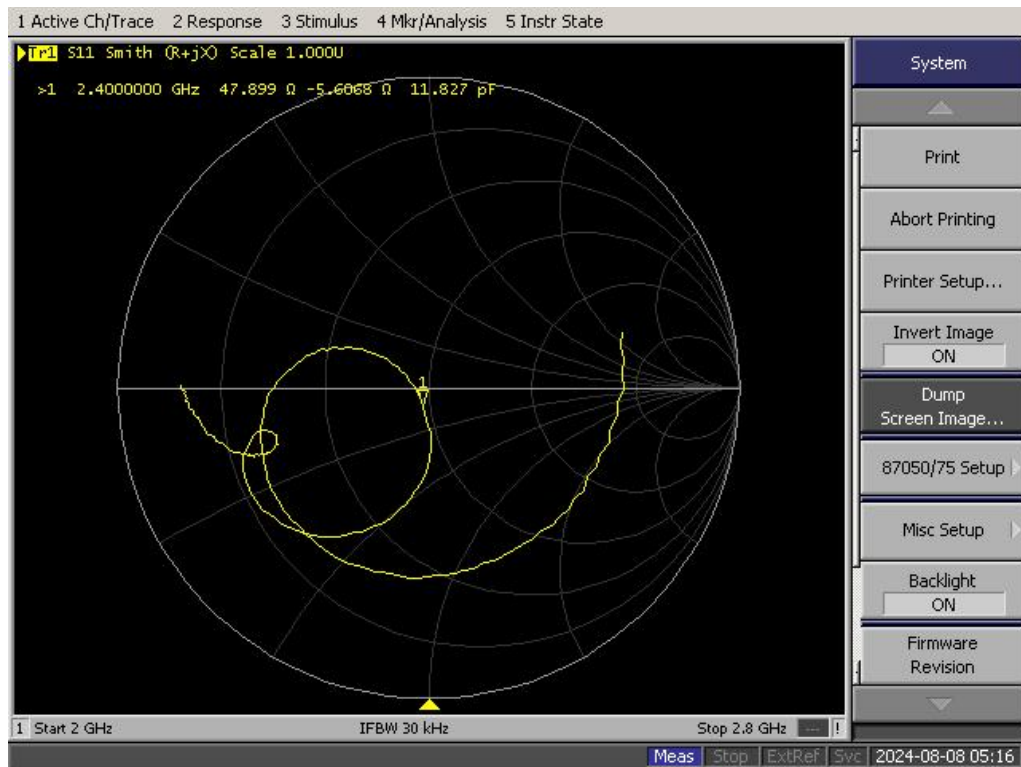
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
峰值增益(dBi)	3.0	Peak Gain(dBi)	3.0
输出电压 驻波比	≤ 1.5	VSWR	≤ 1.5
极化方式	全向	Polarization	omnidirectional
方向性	全向性	Radiation	Omni-directional
连接方式	SMA 内螺内针	Connector Type	SMA (Male pin)
物理性能		Physical Properties	
天线外套材料		Antenna cover	
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

三、 finished product figure:



4. Test report





Frequency/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain/dBi	2.22	2.33	2.17	2.36	2.39	2.66	3	2.73	2.60	2.68	2.46
Efficiency%	51.82	53.28	51.76	54.30	54.43	57.77	59.73	60.40	59.74	62.50	61.58