

天线样品承认书

The Main Antenna Sample Confirmation

客户名称 Customer	Shenzhen ADDX Innovation Technology co. ,LTD.			
项目名称 Project Name	CB160-C		日期	2023-11-20
			Date	
物料编号 Project NO.	SN1045	Type	steel plate antenna	
		Notes		
频段 Frequency Range	WIFI 2.4G			
设计 Designed By	RF Engineer		Structural Engineer	
审核 Checked By	Engineering Manager			
客户确认 Client' s Approval				

设计单位：司南微电子（深圳）有限公司
Designer: SINAWELL Electronics(Shenzhen) Co., Ltd.

地 址：深圳市宝安区新安 28 区大宝路 49-1 号金富来大厦 A 座 712-717
Add: 712-717, Block A Jinfulai Building,49-1 Dabao Road,Xinan 28th area,Baoan District,Shenzhen,China

1. Specification Overview.
The specification sheet describes the condition of the built-in CB160 antenna, which operates in the 2.4G WIFI frequency band.
2. 天线外观

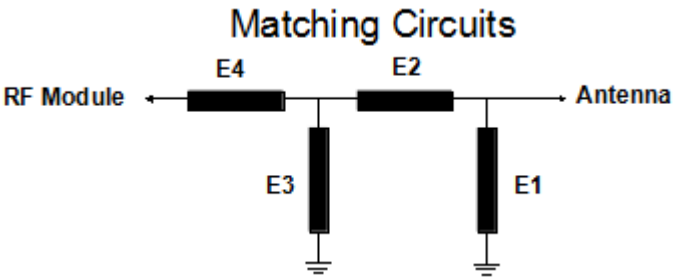


- 3.1. The frequency band.

	BT
发射频(MHz)	2400MHz-2500MHz

- 3.2. matching circuit

Element	Value
E1(0201)	NC
E2(0201)	0 欧姆
E3(0201)	NC
E4(0201)	0 欧姆



- 4.1. Antenna Type

Appendix 1: Architectural drawing
Appendix 2: OTA Data

Appendix 2

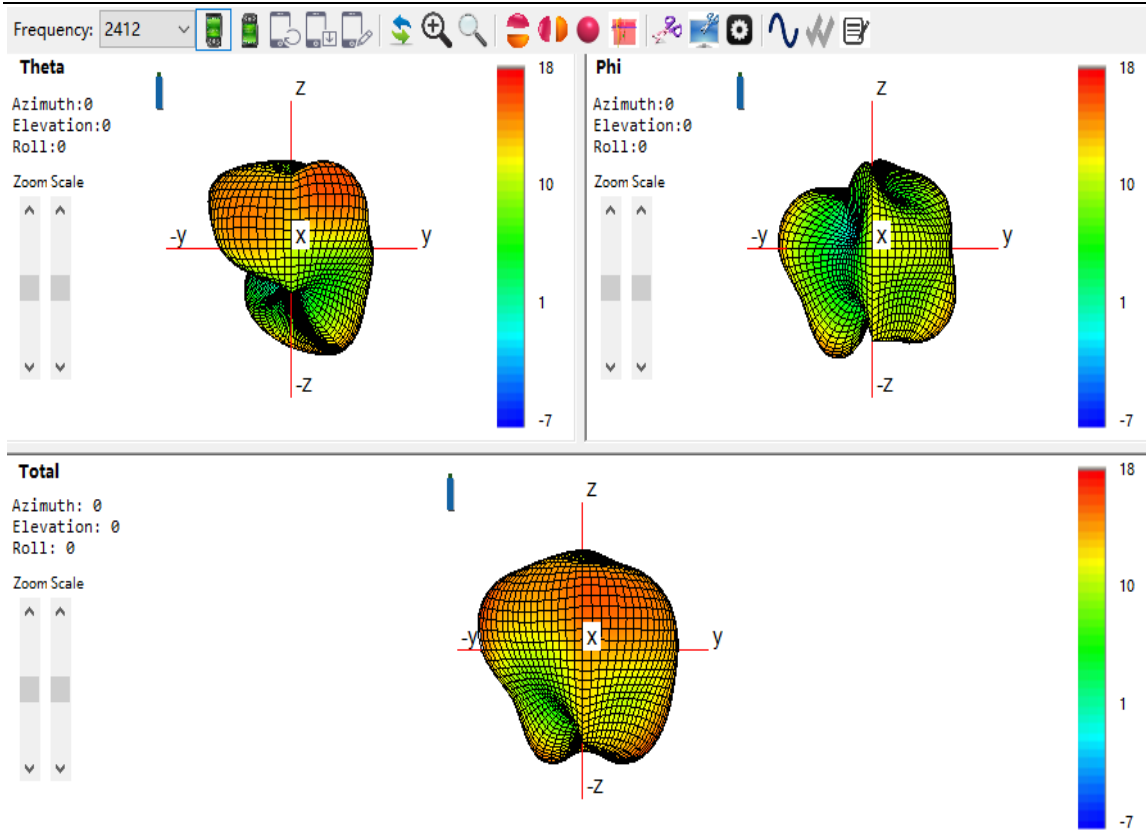
Efficiency testing data.

Passive Test For wifi			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2400	24.05	-6.19	-1.55
2410	24.59	-6.09	-1.62
2420	25.23	-5.98	-1.7
2430	25.84	-5.88	-1.83
2440	26.89	-5.7	-1.85
2450	27.51	-5.61	-1.81
2460	28.36	-5.47	-1.69
2470	23.68	-6.26	-2.44
2480	25.03	-6.02	-1.98
2490	26.05	-5.84	-1.72
2500	27.89	-5.55	-1.51

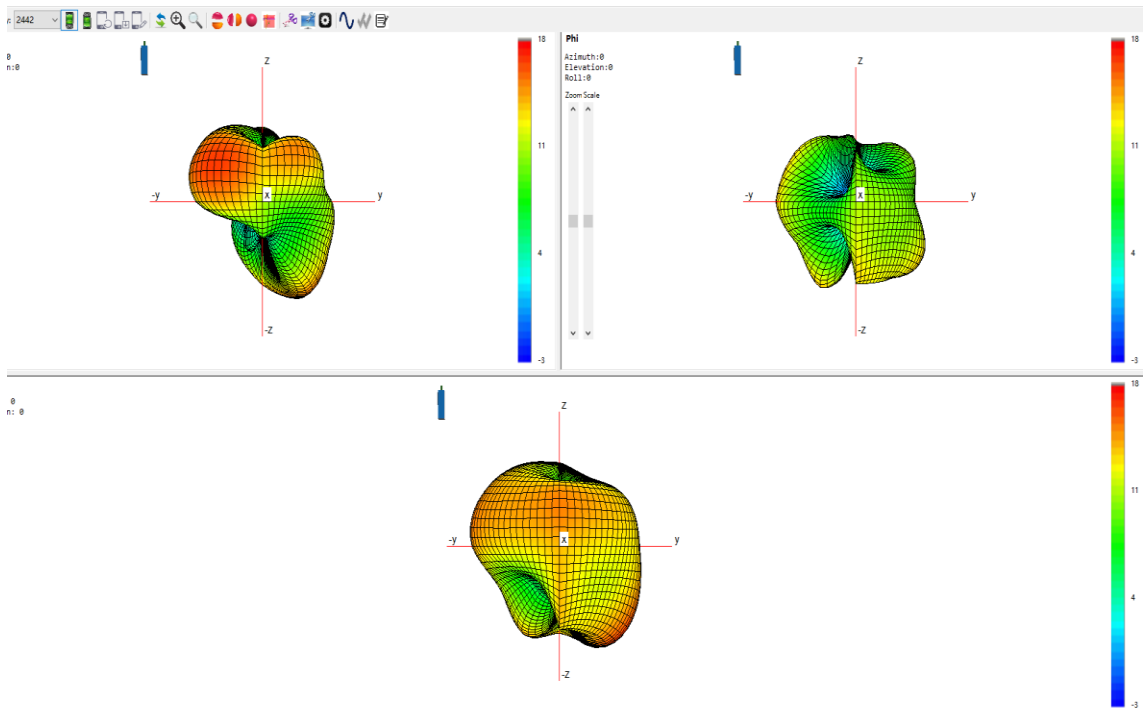
Active testing.

Band		CH	TRP	TIS
11B	1	13.65	1	-78
	7	13.77	7	-71.1
	13	14.06	13	-78.67

2412MHz 场强图



2442MHz 场强图



2472MHz 场强图

