

KC.IA.00478 (PAD5-4GAUX+WIFI/GPS)

Antenna Specification

1. Application:

This application shall apply for antenna unit which shall be used such as automotive, conventional communications, smart home, etc..

2. Electrical Specification:

Those specifications were specially defined for customer's model, and all characteristics were measured under the model's handset testing jig .

2-1. Frequency Band:

Frequency Band	MHz
WIFI/4GAUX	WIFI:2400-2500/5150-5850 4G-AUX:1710~2960

2-2. Impedance

50 ohm nominal

2.3: 4G Antenna VSWR

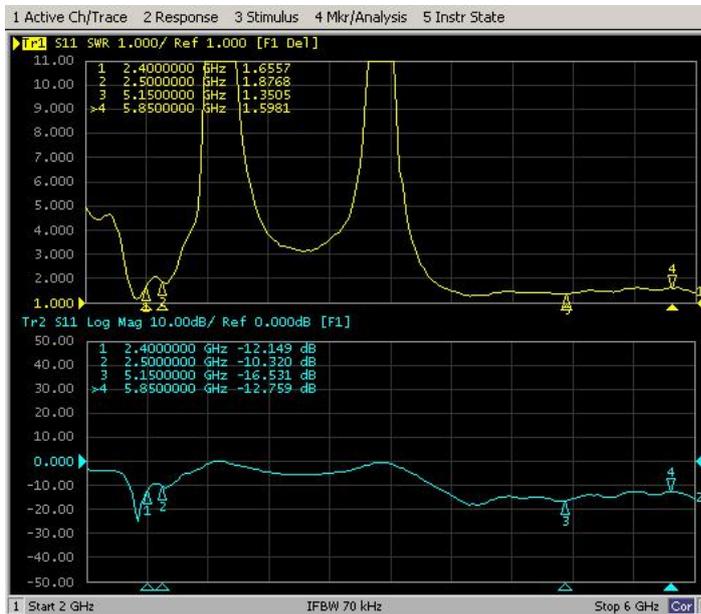
Frequency (Unit MHz)	824	960	1710	2690
VSWR			1.6	1.6

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WiFi Antenna VSWR

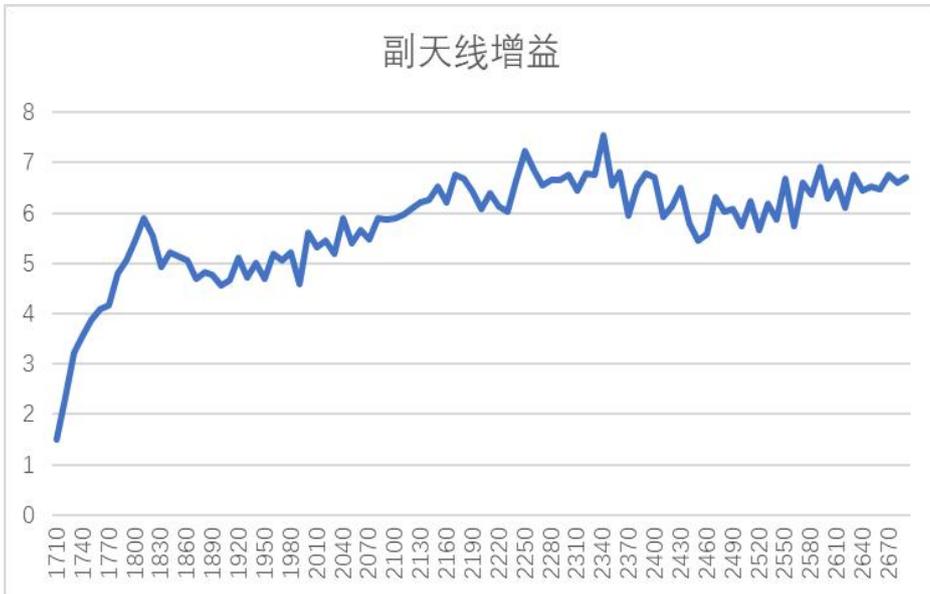
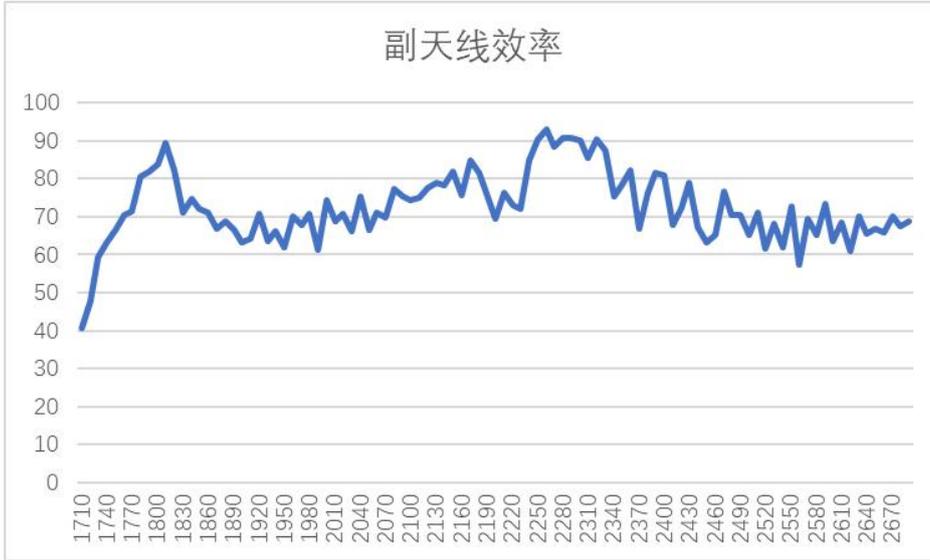
Frequency (Unit MHz)	2400	2500	5150	5850
VSWR	1.6	1.8	1.3	1.5



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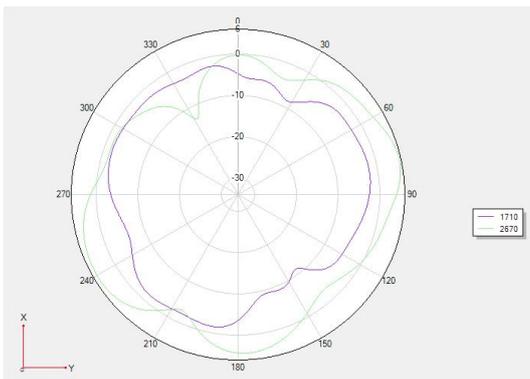
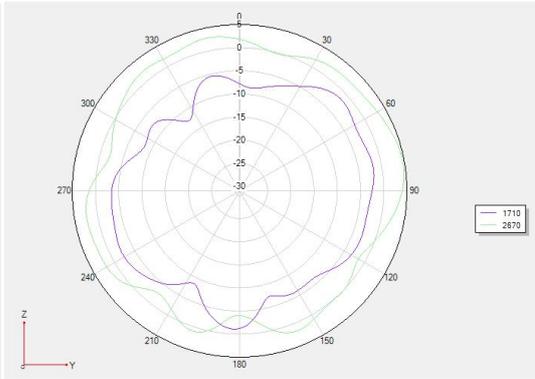
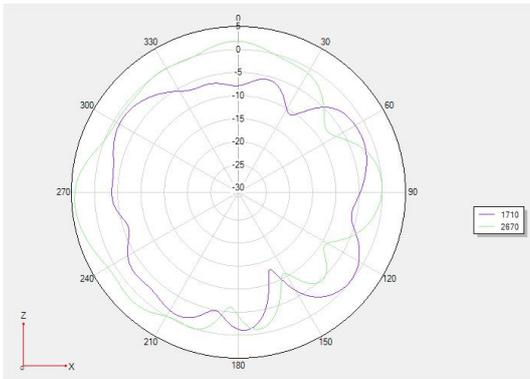
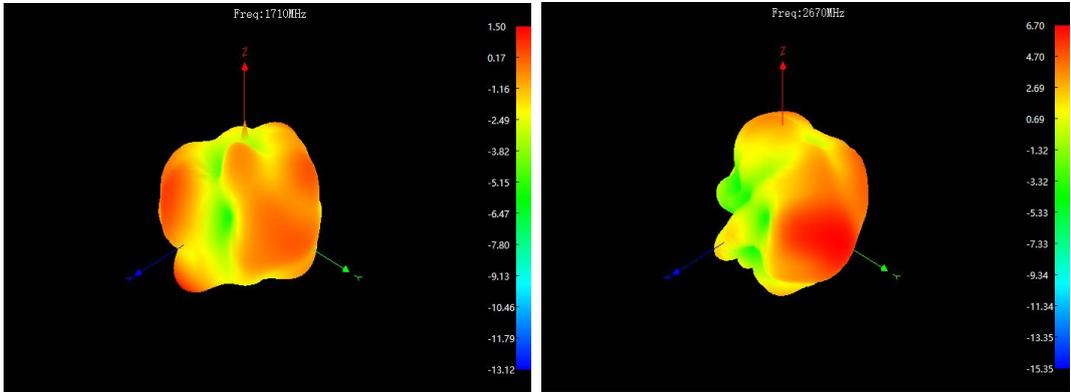
Efficiency and Gain 4G-AUX

Frequency (MHZ)	1710	1880	1990	2170	2250	2370	2500	2670
Efficiency / %	40.39	68.41	70.2	78.62	84.29	67.52	70.72	67.68
MaxGain/dBi	1.5	4.72	4.95	6.48	6.65	6.24	5.93	6.7



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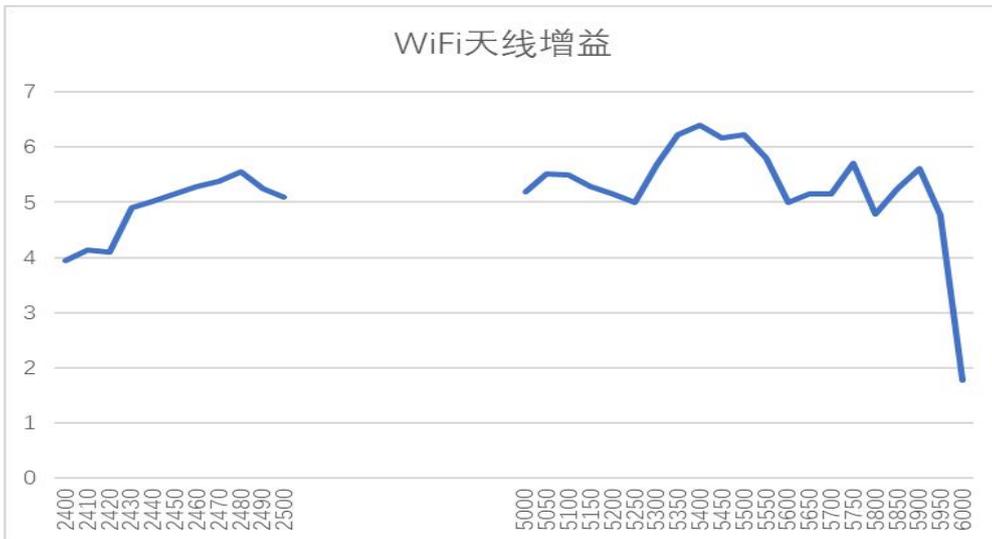
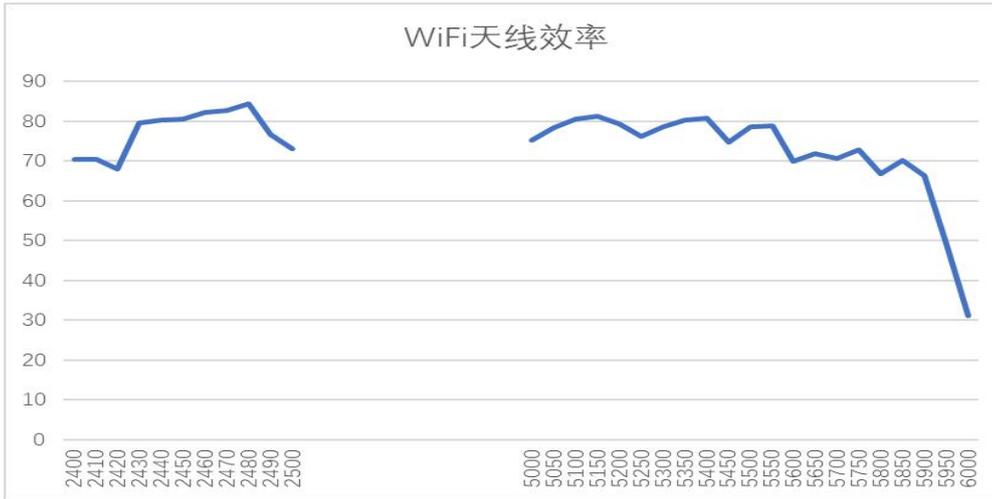
4G-AUX direction:



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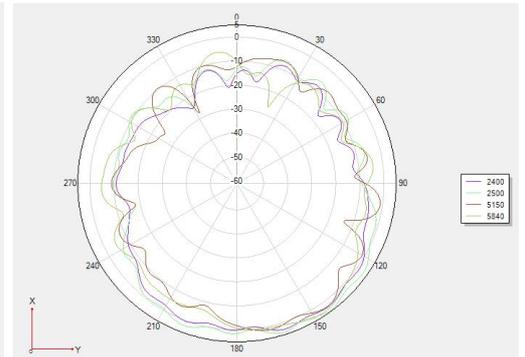
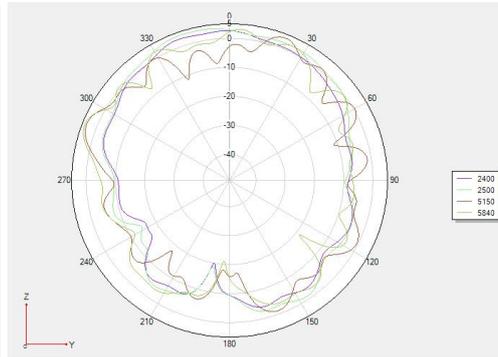
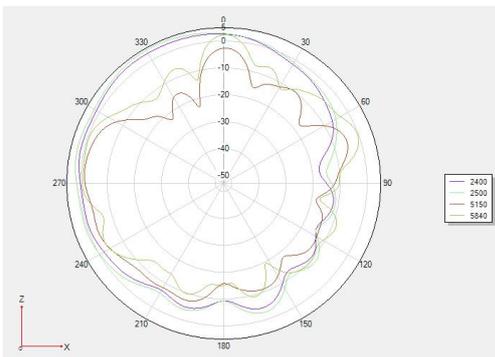
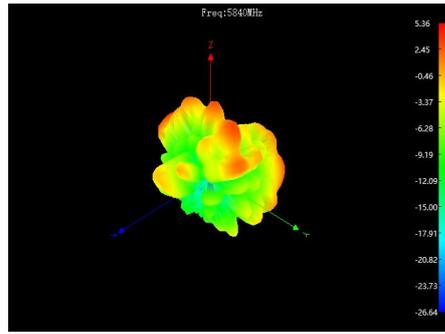
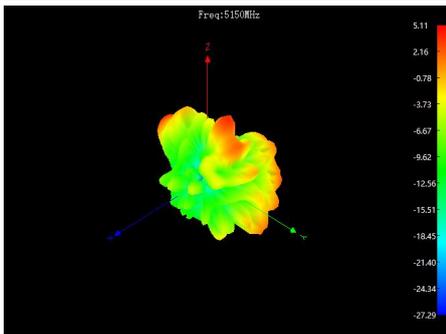
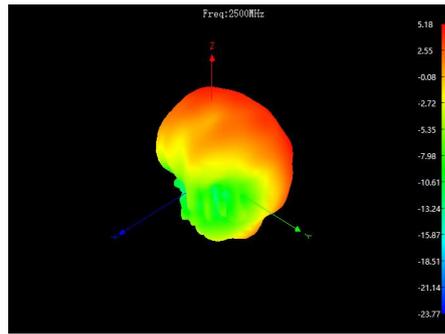
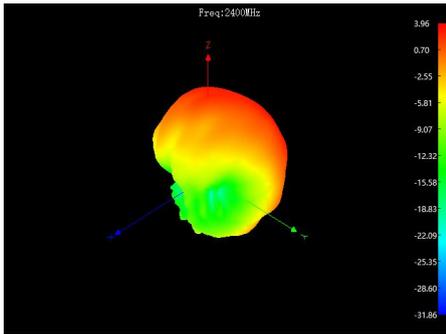
Efficiency and Gain WIFI

Frequency (MHZ)	2400	2450	2500	5150	5250	5500	5750	5840
Efficiency / %	70.08	80.1	73.24	79.85	76.42	78.41	72.36	66.83
MaxGain/dBi	3.96	5.11	5.18	5.11	5.01	6.28	5.42	5.36



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WiFi direction:

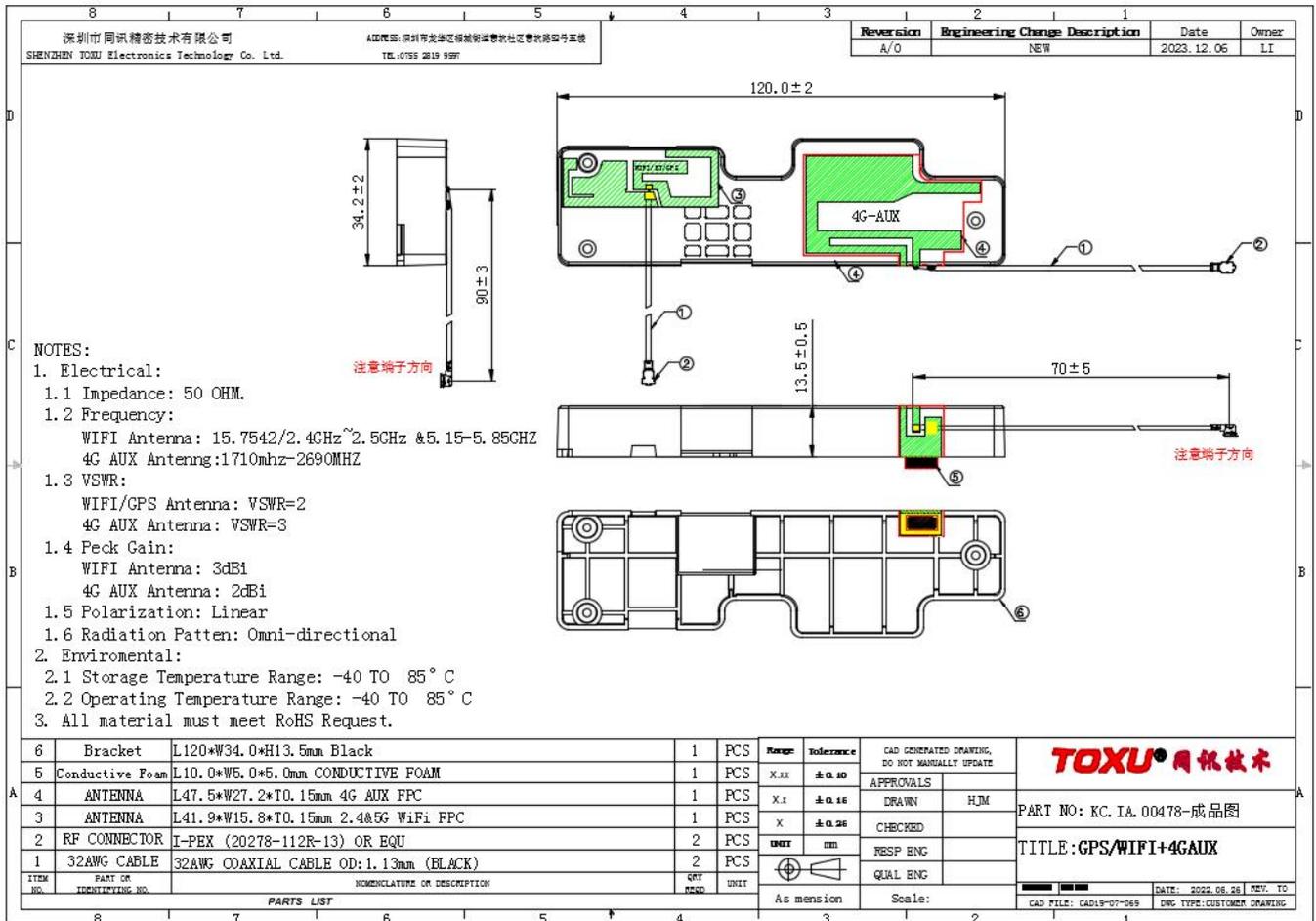


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3. Mechanical Specification:

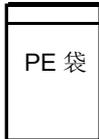
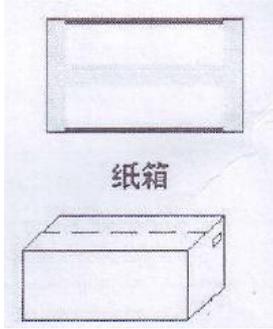
3-1. Mechanical Configuration (Unit: mm)

The appearance of the antenna is according to drawing



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4.包装规格:

产品料号: XXX			
产品型号: XXX			
一、标签要求:			
需方	XXX		
供方	XXXXX		
物料编码	XX		
产品型号	XX		
数量/单	XXX PCS	出厂日期	X 年 X 月 X 日
备注/其他			
二、装箱要求:			
作业说明:			
1. 内包装:			
产品 XX pcs 一袋, 放入小 PE 袋;			
2. 外包装:			
X PCS 一箱;			
3. 注意事项:			
a. 是否要增设隔板、珍珠棉;			
b. 标签的帖附, 如 ROHS 等;			

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