

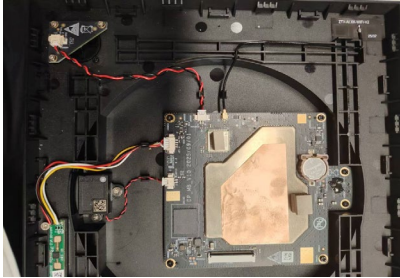
无源调试目录 (Passive Debugging Directory)
一：项目信息 (item information)
二：无源数据 (Passive Data)

公司：深圳市中天迅通信技术股份有限公司
Shenzhen ZTX Communication Technology Co., Ltd

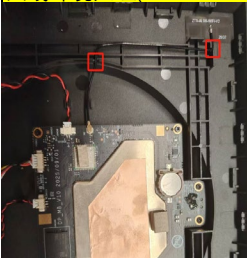
地址：深圳宝安石岩街道龙仔路东
侧厂房A栋一层西面、二层
NO.34
ShilongRoad,Bao'anDistrict,Shenzhen,Guangdong Province,China

一：项目信息 (item information)

天线布局与方案设计 (Antenna layout and scheme design)

				
天线信息(Antenna information)	数量(quantity)	频段(frequency band)	标准(standard)	天线型号(Antenna model)
天线(Antenna)				
WIFI	1	2400-2500 MHz 5150-7125MHz	VSWR < 3 efficiency > 40%	ZTX-AI XK-WIFI-V2

天线环境处理(Antenna environment processing)

	同轴线线径(Coaxial line diameter): 1.13mm 外壳预留开槽, 避免压断同轴线(The shell is provided with slots, to prevent the coaxial cable from being crushed.)
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天线安装说明Antenna Installation Instructions

走线方式如天线布局图所示，焊点高度1mm，扣帽摆向朝外(The wiring method for antenna installation is as shown in the antenna layout diagram. The height of the solder points is 1mm, and the snap caps are positioned outward.)

二：无源数据Passive data

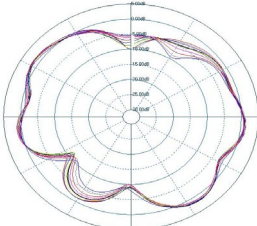
VSWR

	<table><tr><th>Frequency.MHz</th><th>VSWR</th></tr><tr><td>2400</td><td>1.31</td></tr><tr><td>2450</td><td>1.09</td></tr><tr><td>2500</td><td>1.17</td></tr><tr><td>5150</td><td>2.34</td></tr><tr><td>5450</td><td>1.64</td></tr><tr><td>5850</td><td>2.26</td></tr></table>	Frequency.MHz	VSWR	2400	1.31	2450	1.09	2500	1.17	5150	2.34	5450	1.64	5850	2.26
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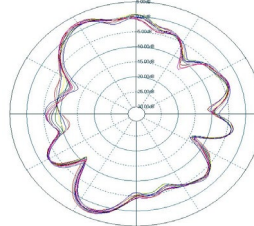
#NAME?

2D/3D图

XOY



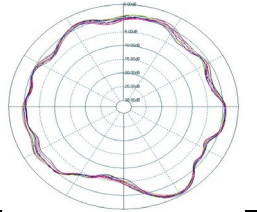
XOZ



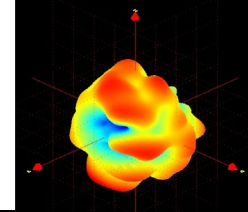
2.4G

Legend
— 2400.00(MHz)
— 2410.00(MHz)
— 2420.00(MHz)
— 2430.00(MHz)
— 2440.00(MHz)
— 2450.00(MHz)
— 2460.00(MHz)
— 2470.00(MHz)
— 2480.00(MHz)
— 2490.00(MHz)
— 2500.00(MHz)

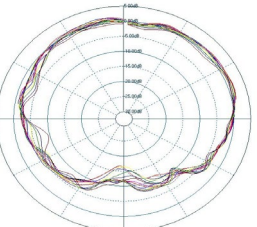
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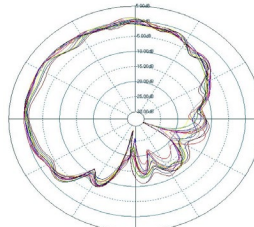
3D



XOY



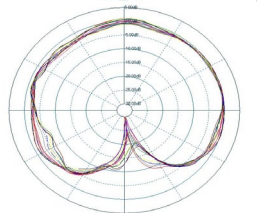
XOZ



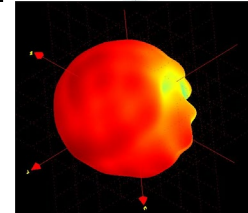
5G

Legend
— 5150.00(MHz)
— 5200.00(MHz)
— 5250.00(MHz)
— 5300.00(MHz)
— 5350.00(MHz)
— 5400.00(MHz)
— 5450.00(MHz)
— 5500.00(MHz)
— 5550.00(MHz)
— 5600.00(MHz)
— 5650.00(MHz)
— 5700.00(MHz)
— 5750.00(MHz)
— 5800.00(MHz)
— 5850.00(MHz)

YOZ



3D



效率&增益(Efficiency & Gain)

Frequency . MHz	Efficiency	Efficiency . dB	Gain . dB
2400	58%	-2.35	3.31
2410	57%	-2.45	3.32
2420	57%	-2.43	3.71
2430	55%	-2.63	3.68
2440	53%	-2.75	3.53
2450	55%	-2.61	3.62
2460	57%	-2.42	3.45
2470	56%	-2.55	3.83
2480	54%	-2.65	3.8
2490	54%	-2.66	3.85
2500	55%	-2.62	4.1

Frequency . MHz	Efficiency	Efficiency . dB	Gain . dB
5150	48%	-3.18	0.96
5200	48%	-3.23	0.91
5250	48%	-3.18	0.99
5300	47%	-3.25	0.91
5350	50%	-2.98	1.14
5400	52%	-2.86	1.4
5450	52%	-2.81	1.45
5500	52%	-2.85	1.44
5550	55%	-2.61	1.56
5600	51%	-2.95	1.19
5650	51%	-2.9	1.4
5700	49%	-3.12	1.17
5750	45%	-3.49	0.94
5800	47%	-3.18	0.96
5850	44%	-3.23	0.91