

承认书

供应商名称: 深圳市中天迅通信技术股份有限公司

供应商物料名称: AKATW03 WIFI-4 天线

供应商规格型号: WIFI-1 天线组件

CVTE 物料代码: 004.032.0052853

承认书版次: A1

软件版本号（不涉及可不填）: _____

| 供应商承认栏 | | |
|--------|----------------------------|-----|
| 制定 | 审核 | 批准 |
| 柯友杰 | 冯家能 2024.01.31 研发专用章 | 邹国华 |

地址: 广州市黄埔区连珉路 6 号

电话: 020-86154388

传真:

地址: 深圳市宝安区石龙仔石龙大道 34 号(腾达工业园)

电话: 0755-27588320

传真: 0755-27588045

版权 CVTE 所有，本档内容属商业机密。未经允许，任何组织或个人不得以任何形式复制和传播

规格承认书

SPECIFICATION FOR APPROVAL

| | |
|----------------------------|-------------------|
| 客户 Customer | 广州视琨电子科技有限公司 |
| 项目名称 Project Name | AKATW03 WIFI-4 天线 |
| 客户料号 Customer NO. | 004.032.0052853 |
| 规格 specification | WIFI-1 天线组件 |
| 供方料号 Supplier NO. | 2.00000437 |
| 规格书编号 specification NO. | |
| 编写人 Write by | 柯友杰 |
| 版本 REV. | A1 |
| 日期 Date | 2024/1/31 |
| 备注 Note | |

| 客户确认 CUSTOMER APPROVED BY | | |
|----------------------------|---------------|----------------|
| 批准 Approved by | 审核 checked by | 制表 prepared by |
| | | |
| 供方确认 SUPPLIER APPROVED BY | | |
| 批准 Approved by | 审核 checked by | 制表 prepared by |
| 邹国华 2024.01.31 研发专用章 | 冯家能 | 柯友杰 |



ANTENNA SPECIFICATION

CUS P/N :AKATW03 WIFI-4 天线 WIFI-1 天线组件 Application Date:Jan,31,2024
ZTX P/N : AKATW03 WIFI-4 天线 WIFI-1 天线组件 Editor:

Rev: R:A1
Page 2 of 15

1. 承认书项目表 (Index)

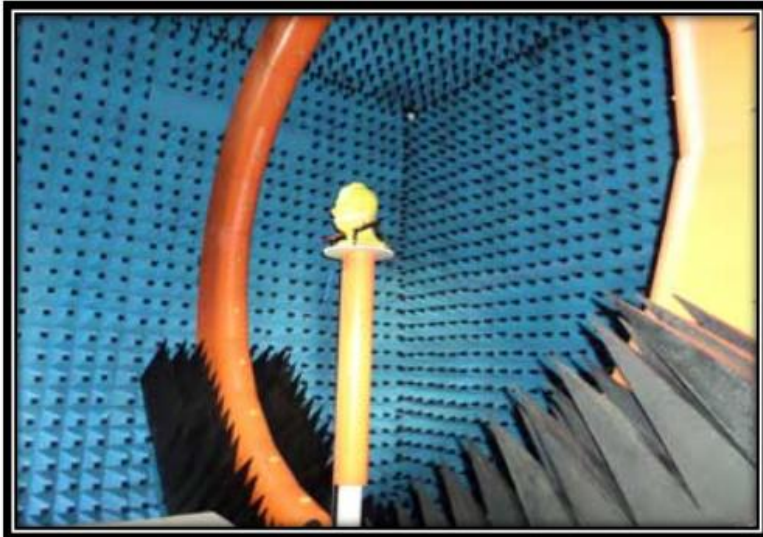
| 序号 | 内容 | 页码 |
|----|---------|-----|
| - | 承认书封面 | - |
| - | 版本变更记录 | 1 |
| 1 | 承认书项目表 | 2 |
| 2 | 试验设备和条件 | 3~7 |
| 3 | 天线实物图 | 8 |
| 4 | 驻波图 | 9 |
| 5 | 成品图 | 10 |
| 6 | 包装 | 11 |
| 7 | 全尺寸 | 12 |
| 8 | 可靠性测试报告 | 13 |
| 9 | 原材料检测清单 | 14 |

ANTENNA SPECIFICATION

CUS P/N :AKATW03 WIFI-4 天线 WIFI-1 天线组件 Application Date:Jan,31,2024
ZTX P/N : AKATW03 WIFI-4 天线 WIFI-1 天线组件 Editor:

Rev: R:A1
Page 3 of 15

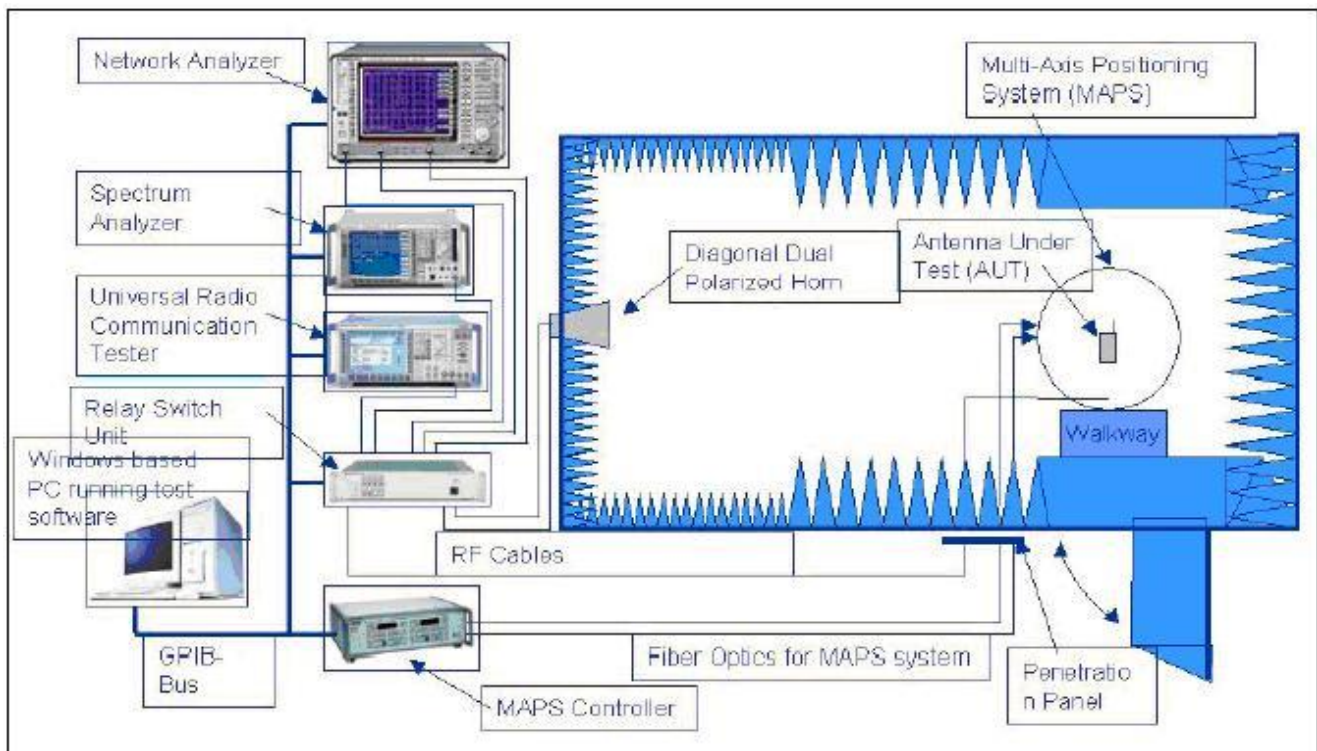
2. 试验设备和条件(Test Equipment & Conditions)



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CITA standards.

Testing range:

Support active, passive testing of
GSM/CDMA/WCDMA/TD-
SCDMA/LTE/WIFI/WLAN/WiMax/BT
/GPS/MIMO/UWB within 0.4-6G.



ANTENNA SPECIFICATION

CUS P/N :AKATW03 WIFI-4 天线 WIFI-1 天线组件 Application Date:Jan,31,2024

Rev: R:A1

ZTX P/N : AKATW03 WIFI-4 天线 WIFI-1 天线组件 Editor:

Page 4 of 15

2-1 Passive Test

| Frequency | Efficiency | Efficiency . dB | Gain . dB |
|-----------|------------|-----------------|-----------|
| 2400 | 52% | -2.84 | 3.47 |
| 2410 | 52% | -2.84 | 3.55 |
| 2420 | 54% | -2.68 | 3.71 |
| 2430 | 55% | -2.60 | 3.94 |
| 2440 | 54% | -2.68 | 3.97 |
| 2450 | 54% | -2.68 | 4.07 |
| 2460 | 51% | -2.92 | 3.95 |
| 2470 | 52% | -2.84 | 3.57 |
| 2480 | 52% | -2.84 | 3.57 |
| 2490 | 52% | -2.84 | 4.01 |
| 2500 | 53% | -2.76 | 4.58 |

| | | | |
|------|-----|-------|------|
| 5150 | 43% | -3.67 | 3.88 |
| 5200 | 42% | -3.77 | 3.90 |
| 5250 | 42% | -3.77 | 4.42 |
| 5300 | 42% | -3.77 | 3.73 |
| 5350 | 44% | -3.57 | 4.89 |
| 5400 | 45% | -3.47 | 4.08 |
| 5450 | 44% | -3.57 | 3.59 |
| 5500 | 46% | -3.37 | 3.12 |
| 5550 | 45% | -3.47 | 3.99 |
| 5600 | 43% | -3.67 | 3.89 |
| 5650 | 45% | -3.47 | 4.10 |
| 5700 | 45% | -3.47 | 4.06 |
| 5750 | 47% | -3.28 | 3.61 |
| 5800 | 43% | -3.67 | 3.61 |
| 5850 | 44% | -3.57 | 3.41 |



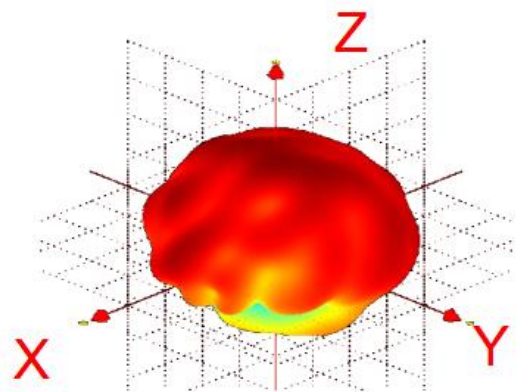
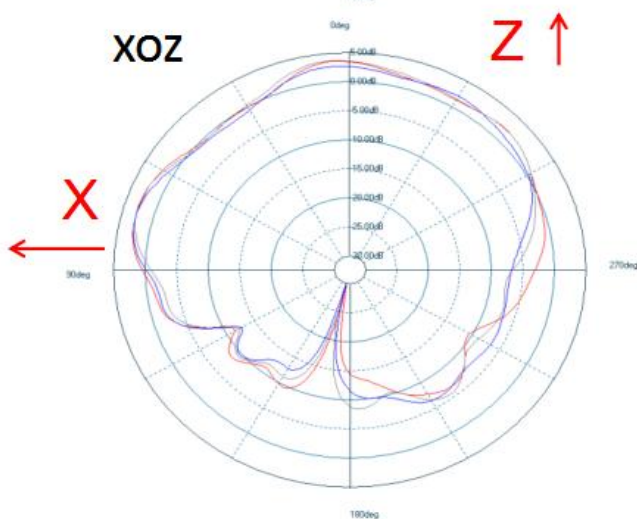
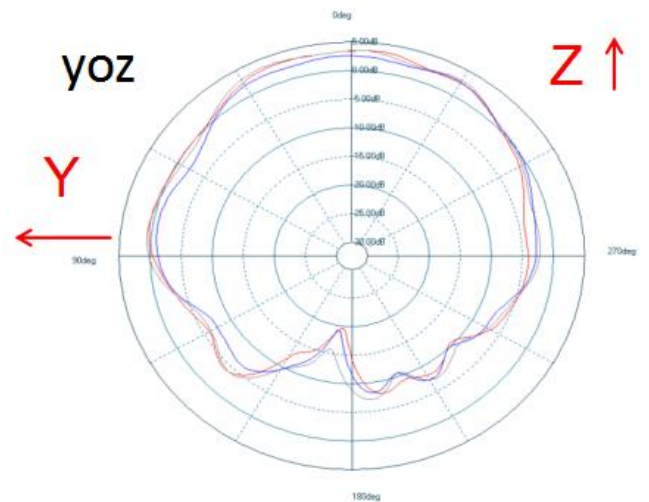
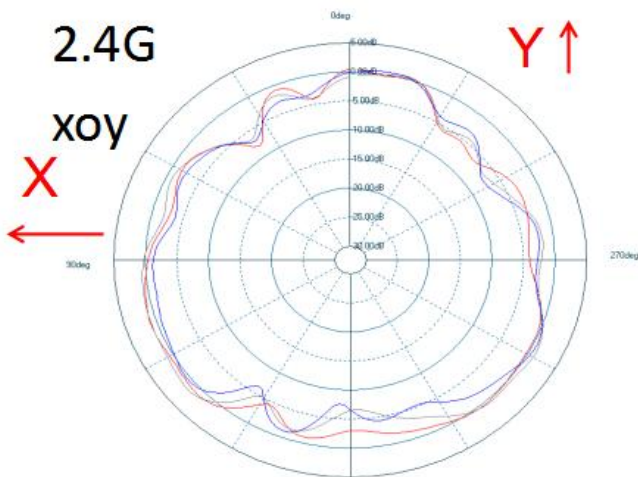
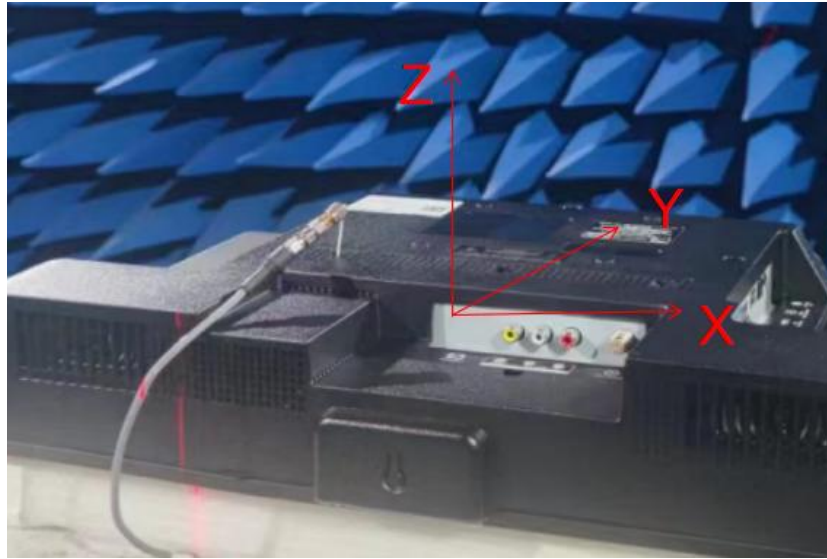
ANTENNA SPECIFICATION

CUS P/N :AKATW03 WIFI-4 天线 WIFI-1 天线组件
ZTX P/N : AKATW03 WIFI-4 天线 WIFI-1 天线组件

Application Date:Jan,31,2024
Editor:

Rev: R:A1
Page 5 of 15

2-2 2D/3D Radiation Pattern Results

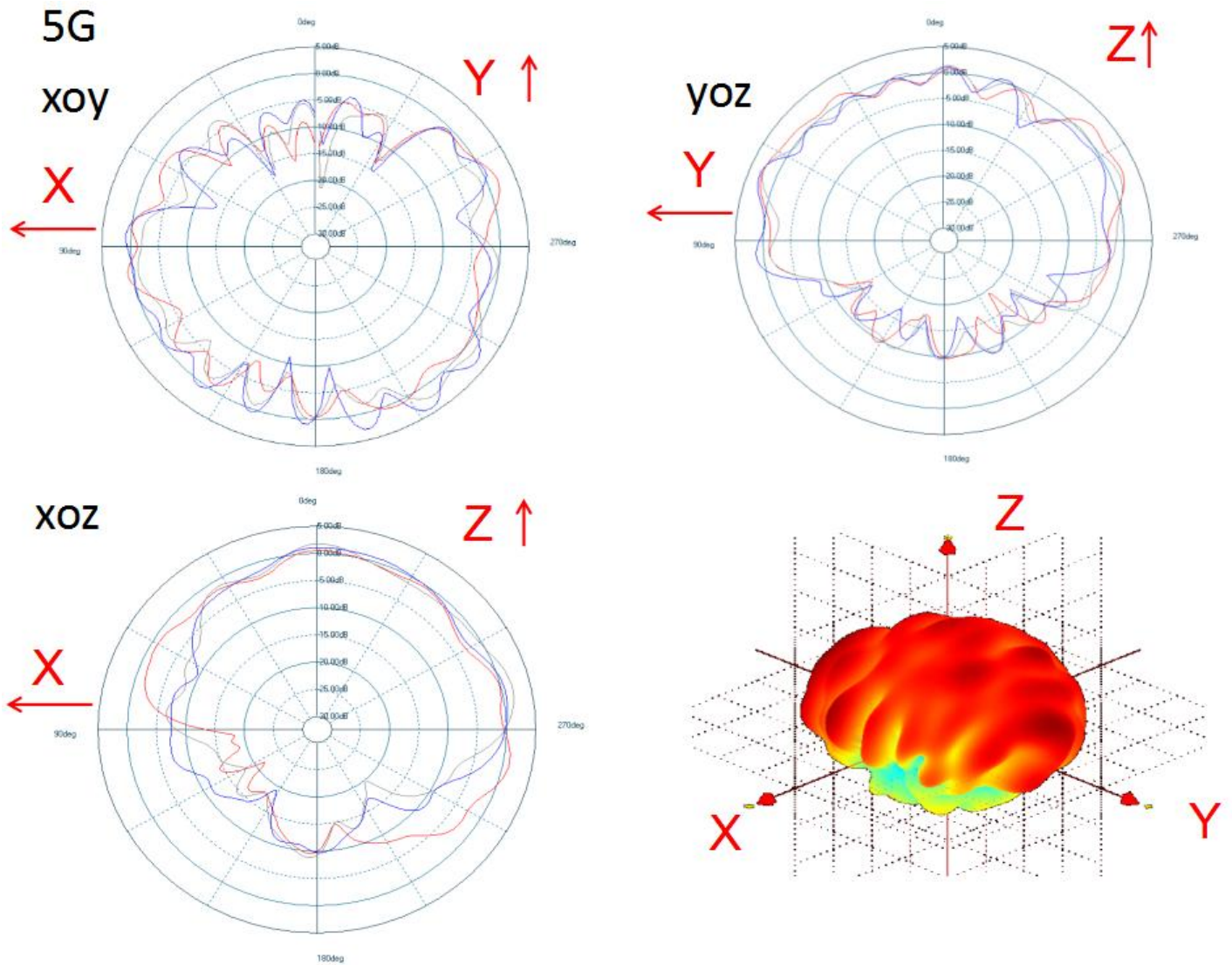


ANTENNA SPECIFICATION

CUS P/N :AKATW03 WIFI-4 天线 WIFI-1 天线组件
ZTX P/N : AKATW03 WIFI-4 天线 WIFI-1 天线组件

Application Date:Jan,31,2024
Editor:

Rev: R:A1
Page 6 of 15



ANTENNA SPECIFICATION

CUS P/N :AKATW03 WIFI-4 天线 WIFI-1 天线组件
ZTX P/N : AKATW03 WIFI-4 天线 WIFI-1 天线组件

Application Date:Jan,31,2024
Editor:

Rev: R:A1
Page 7 of 15

2-3 Environmental treatment



BT天线后期可添加定位标记



wifi天线边缘卡准螺丝周边边角处



ANTENNA SPECIFICATION

CUS P/N :AKATW03 WIFI-4 天线 WIFI-1 天线组件 Application Date:Jan,31,2024

Rev: R:A1

ZTX P/N : AKATW03 WIFI-4 天线 WIFI-1 天线组件 Editor:

Page 8 of 15

3.FPC 天线实物图(Mechanical instruction)

