

## SPECIFICATION

Name of the buyer:

Buyer's material number:

Supplier company name: Shenzhen Jia Zhichun Technology Co., LTD

Supplier product material number: 13.3-WIFI-04202-V01(JZC)

Supplier product description: built-in FPC antenna

Remarks:

Signature of the demander:

The demander seal:

Signature of the supplier:

Seal of the Supplier:

MAKE:

Fu jian jun

DATE:

2025.4.30

ADDRESS

2nd floor, Building 12, Nangang First Industrial Park,  
Songbai Road, Nanshan District, Shenzhen

PHONE

0755-86265563

FAX

0755-26913300

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| MAKER                    | Examine and verify | Ratify      |
| Fu jian jun              | Yang Kui           | Ye Xue      |

## 1、 Product Picture



## 2、 Antenna specifications

### 2.1、 Physical characteristics

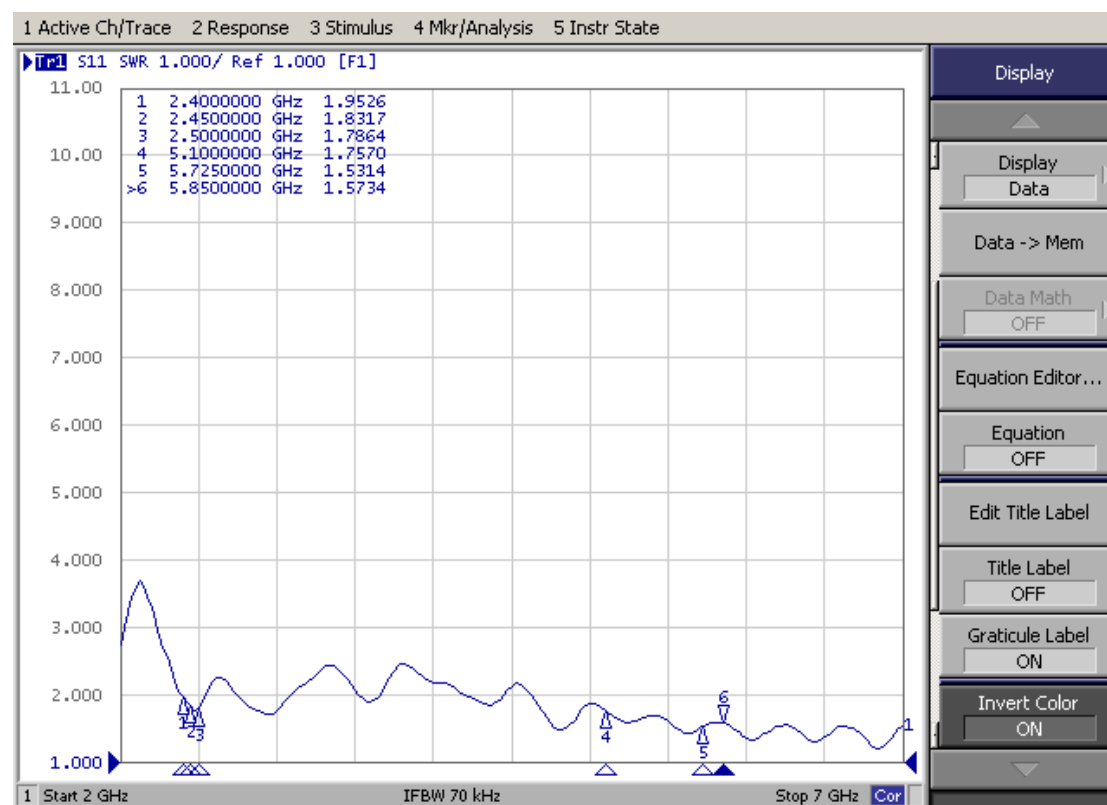
|                         |             |                   |         |
|-------------------------|-------------|-------------------|---------|
| Antenna Dimensions (mm) | 29.7 * 21.2 | Antenna material  | FPC     |
| Antenna colour          | Black       | Cable length (mm) | 250     |
| Connector model         | IPEX 1      | Type of Cable     | RF1.13  |
| Working temperature     | -30℃~75℃    | Working humidity  | 10%~95% |
| Storage temperature     | -30℃~75℃    | Storage humidity  | 10%~95% |

### 2.2、 Electrical character

|                 |                     |              |          |
|-----------------|---------------------|--------------|----------|
| frequency (MHz) | 2400~2500&5100~5850 | Impedance    | 50 Ω     |
| Gain (MAX)      | 2dBi                | VSWR         | ≤3.0     |
| Polarization    | Linear polarization | Antenna type | monopole |

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### 3、VSWR



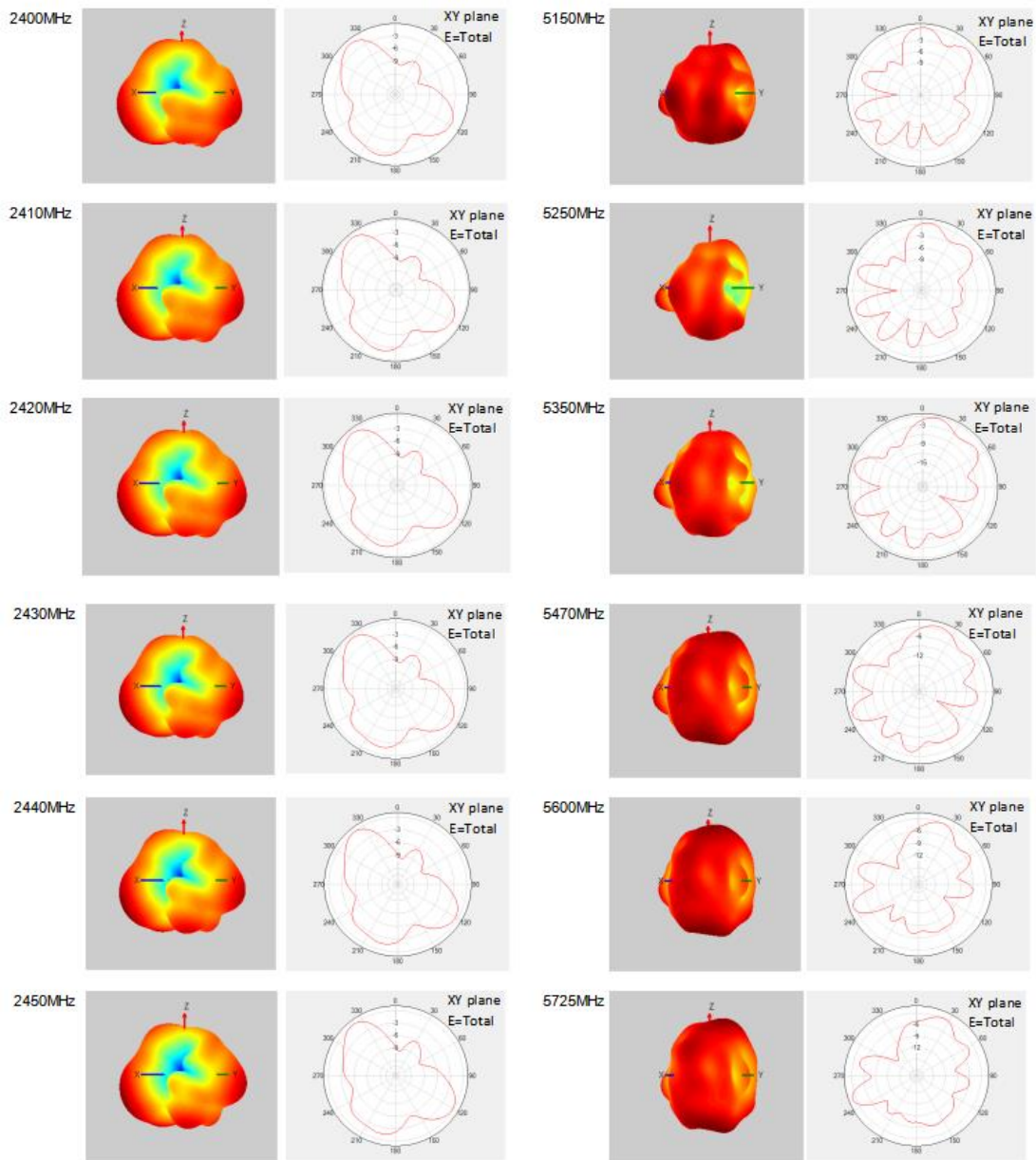
|                          |                    |             |
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## 4、Efficiency and Gain

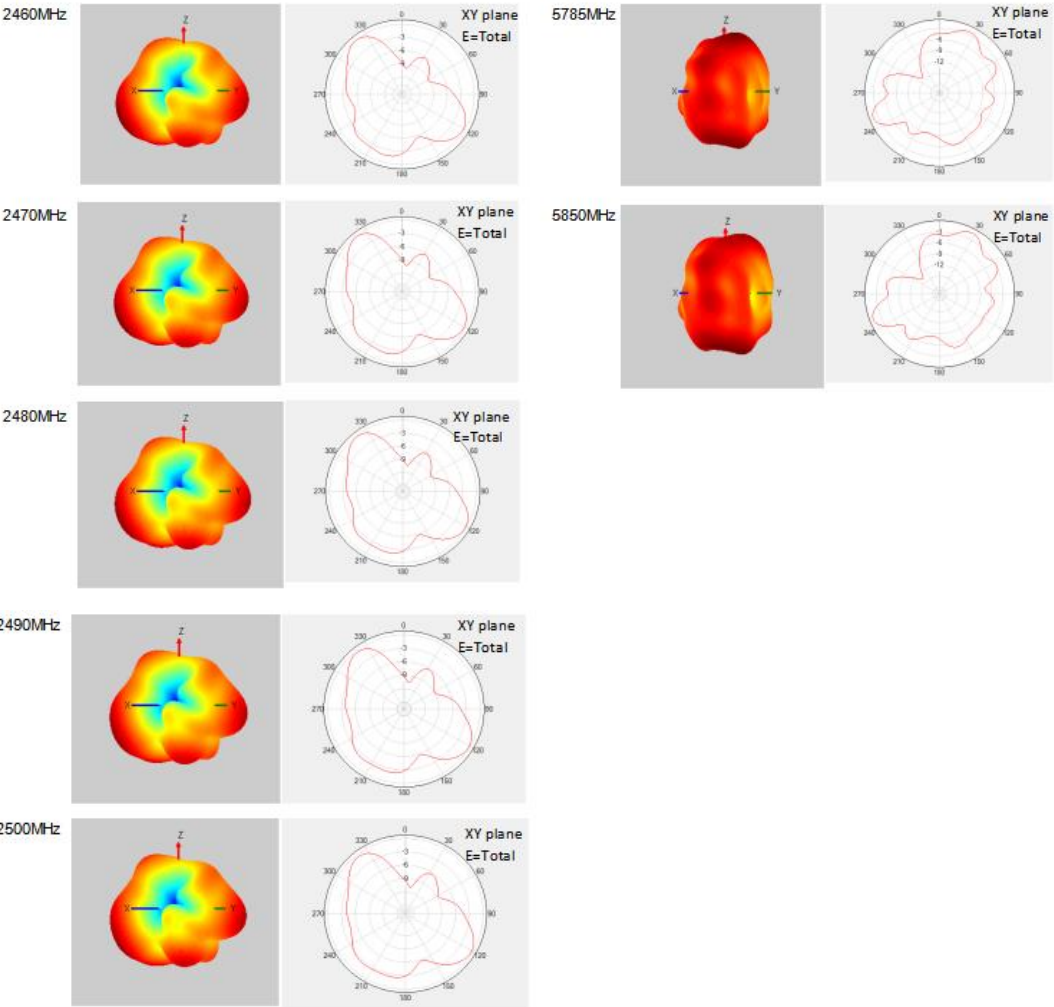
| Frequenc(MHz) | Peak Gain(dBi) | Efficiency(%) |
|---------------|----------------|---------------|
| 2400          | 1.4            | 41.05         |
| 2410          | 1.6            | 43.64         |
| 2420          | 1.6            | 45.17         |
| 2430          | 1.7            | 47.31         |
| 2440          | 1.9            | 49.91         |
| 2450          | 2.0            | 52.09         |
| 2460          | 1.9            | 51.00         |
| 2470          | 1.7            | 49.25         |
| 2480          | 1.8            | 49.98         |
| 2490          | 1.7            | 49.07         |
| 5150          | 0.9            | 51.27         |
| 5250          | 1.6            | 50.29         |
| 5350          | 1.5            | 47.69         |
| 5470          | -1.0           | 32.18         |
| 5600          | -0.3           | 36.59         |
| 5725          | 0.5            | 41.30         |
| 5785          | 0.9            | 47.37         |
| 5850          | 1.5            | 47.17         |

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## 5、3D/2D Radiation pattern



|                          |                    |             |
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## 6、Schedule Drawing

