

---

# **Antenna Data Sheet**

## **Catalogue**

- 1. Capability Status**
- 2. Antenna Location**
- 3. Antenna Passive Efficiency**
- 4. Simple Antenna Pattern Plot**
- 5. Antenna return loss**

---

## 1. Capability Status

**Project Name:** T302AA

**Company:** Shenzhen Rui De Communication Technology CO.,LTD

**Address:** Zone B and D, 3rd Floor, Building 1, Baisha Technology Industrial Park, No. 3011 Shahe West Road, Nanshan District, Shenzhen

**Web:** [www.myetheta.com](http://www.myetheta.com)

**TEL:** 0755-26625028

Shanghai: Satimo:2 GTS1800:3 NFC Micropross:1

SAR DASY 5:1

Shenzhen: GTS1800:1 GTS2800:1 NFC Micropross:1

Xian: GTS2800:1

Beijing: GTS1800:2 GTS2800:1



Satimo SG24



GTS2800



DASY4/5



NFC

---

a. Full category testing capability

Support system

GSM/WCDMA/EVDO/TDSCDMA/TDD/FDD/5G-SA/5G-NSA/eMTC/NB-iot/GPS/WiFi/BT/  
CA/ENDC

Common equipment

SP9500

Anritsu MT8820C

5071C

CMW500

DASY4/5 SAR



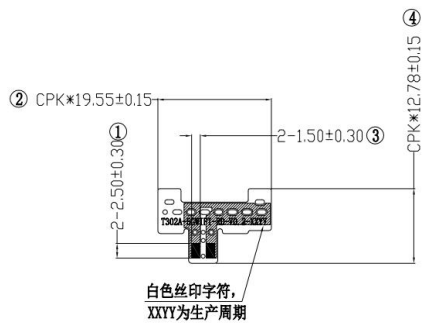
**StarPoint SP9500**



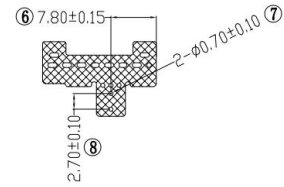
**Anritsu MT8820C**

## 2. Antenna Location

### ANT1: 5G WIFI

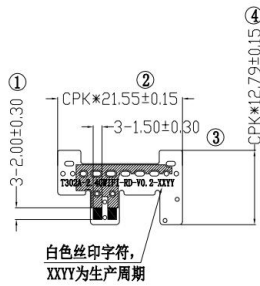


正面铜线

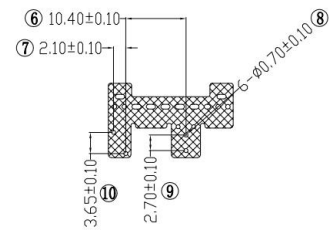
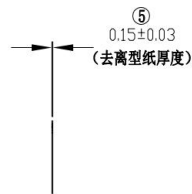


反面背胶

### ANT2: 2.4 WIFI

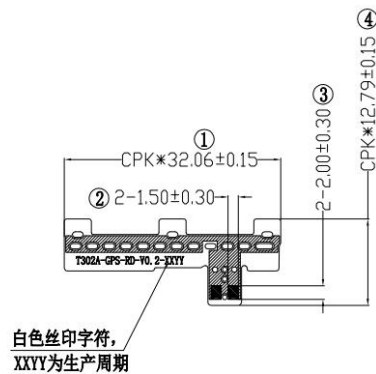


正面铜线

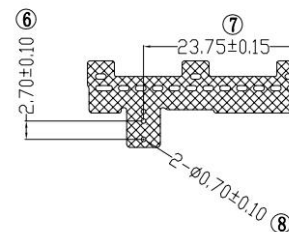
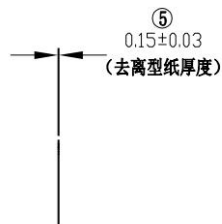


反面背胶

### ANT3: GPS



正面铜线



反面背胶

---

### 3. Antenna Passive Efficiency

#### a. Antenna1

Band		Average Gain		Maximum Gain	
		TX	RX	TX	RX
WIFI 5G	5.15Ghz-5.25Ghz	-1.5dbi	-1.5dbi	-0.65dbi	-0.65dbi
	5.25Ghz-5.35Ghz	-1.2dBi	-1.0dBi	-0.6dBi	-0.6dBi
	5.47Ghz-5.725Ghz	-1.1dBi	-1.1dBi	-0.5dBi	-0.5dBi
	5.725Ghz-5.85Ghz	-1.2dBi	-1.2dBi	-0.7dBi	-0.7dBi

#### b. Antenna2

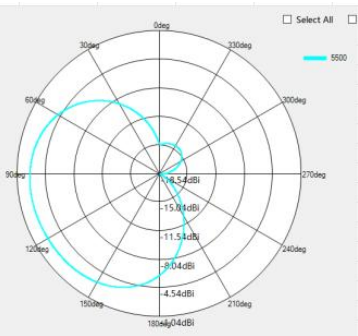
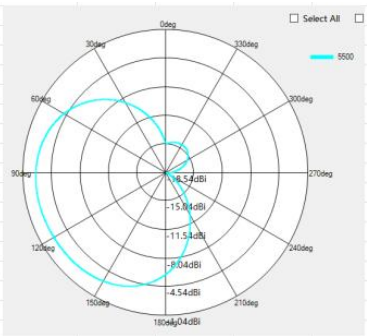
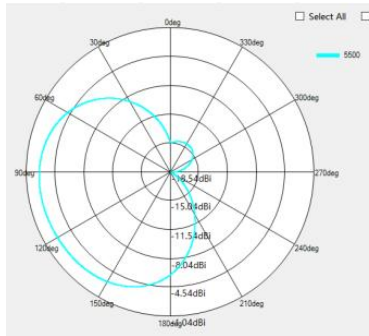
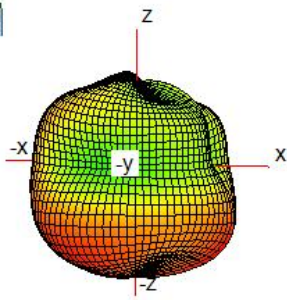
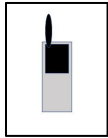
Band		Average Gain		Maximum Gain	
		TX	RX	TX	RX
WIFI 2.4G	2.4Ghz-2.5Ghz	-2.8dbi	-2.8dbi	-2.6dbi	-2.6dbi

#### c. Antenna3

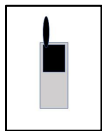
Band		Average Gain		Maximum Gain	
		TX	RX	TX	RX
GPS	L1 1575.5	/	-6.1dbi	/	-6.1dbi

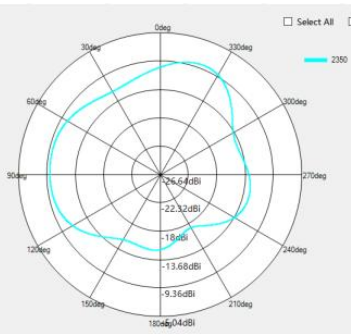
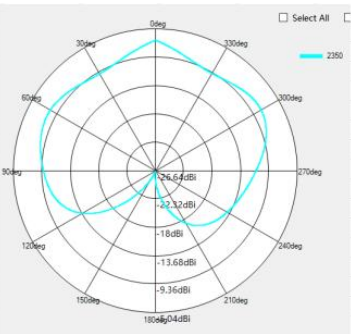
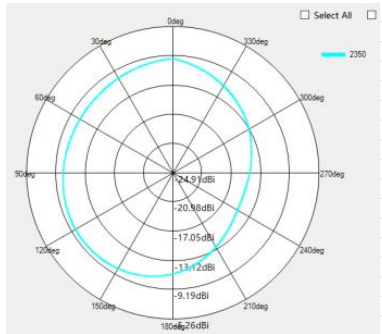
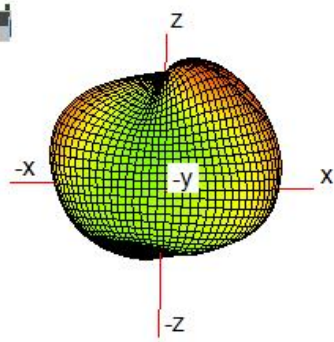
## 4.Simple Antenna Pattern Plot

a. Antenna1

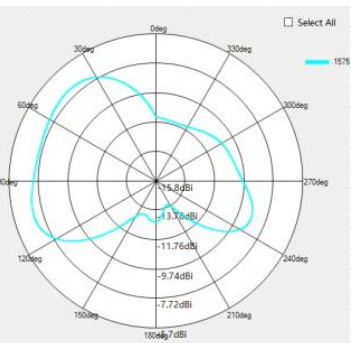
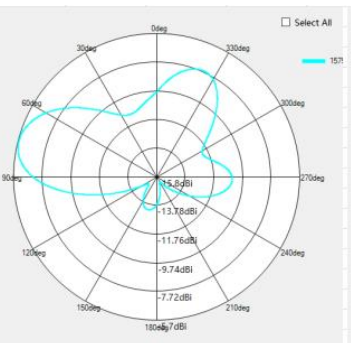
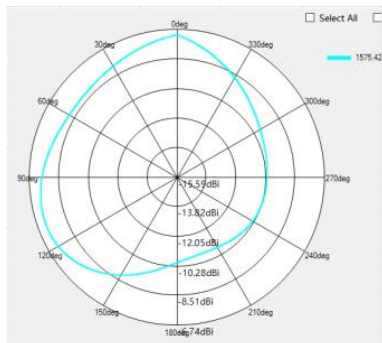
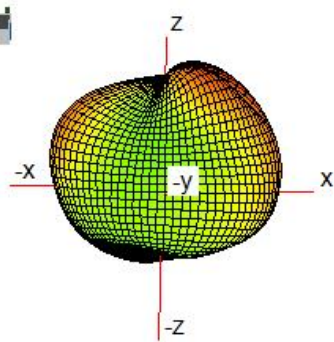
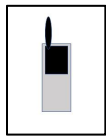


b. Antenna2





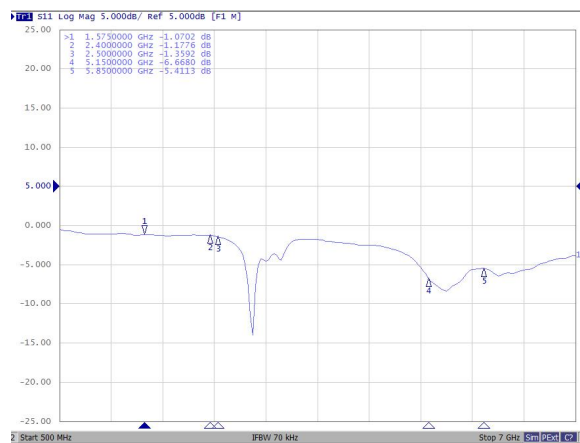
c. Antenna3



## 5. Antenna return loss

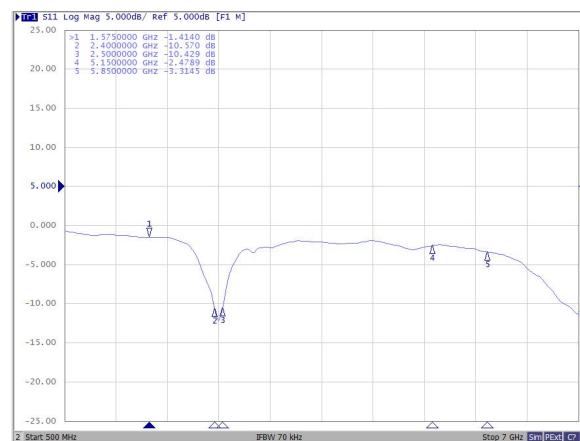
a. Antenna1

### 5G WIFI



b. Antenna2

### 2.4 WIF



c. Antenna3

### GPS



