



## STI-AN-5D 915-868 Datasheet

---

<b>1. Features</b> .....	<b>3</b>
<b>2. Specification</b> .....	<b>3</b>
<b>3. VSWR &amp; Polar Diagram</b> .....	<b>4</b>
3.1 STI-AN-5D-915 .....	4
3.2 STI-AN-5D-868 .....	5
<b>4. Mechanical</b> .....	<b>8</b>
<b>5. Package</b> .....	<b>8</b>
<b>6. Order Info</b> .....	<b>8</b>

## 1. Features

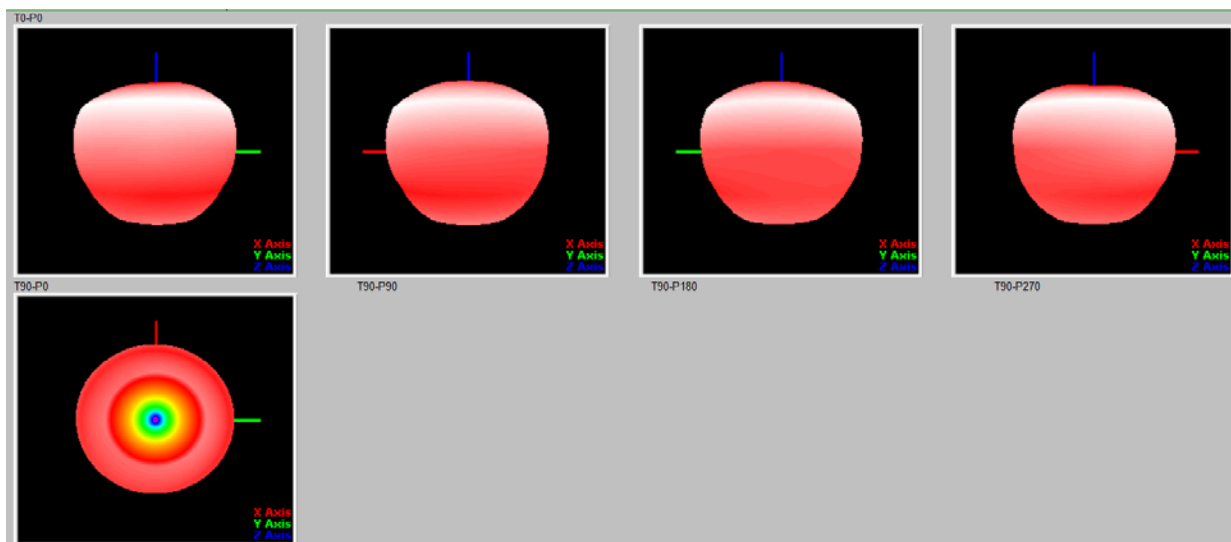
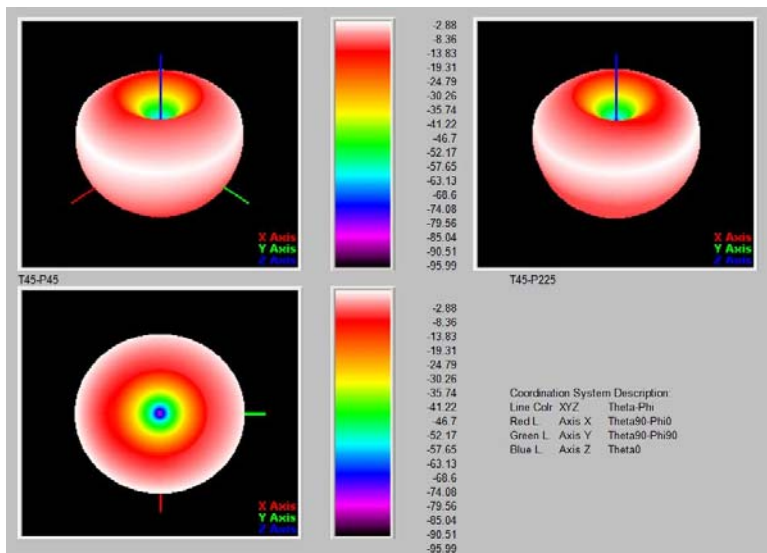
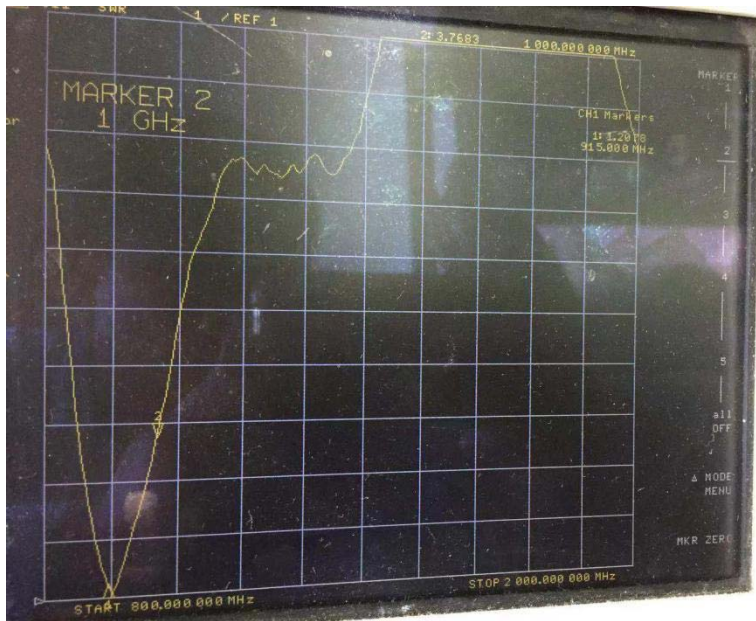
- Stick antenna designed for LoRa IoT Application.
- Antenna long:19.5cm
- Omni Directional
- Max Gain: 2dBi
- Frequency range: 860 ~ 930Mhz (Different Models)
- RP-SMA male connector

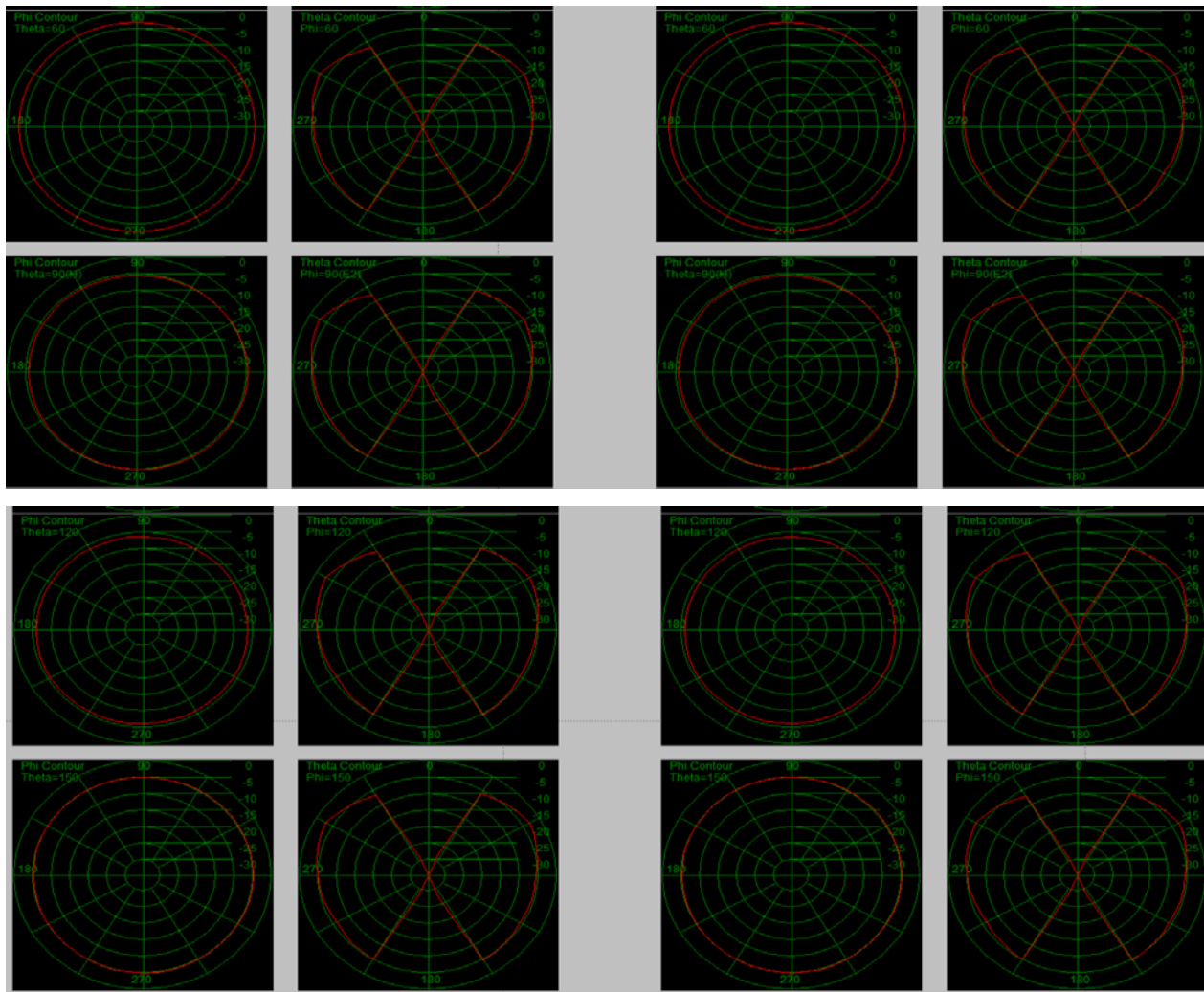
## 2. Specification

<b>Frequency Range</b>	<b>860 ~ 930Mhz</b>
<b>Max Gain</b>	2dBi
<b>VSWR</b>	≤ 1.8
<b>Efficient</b>	> 50%
<b>Beam Width</b>	360°
<b>Impedance</b>	50 Ω
<b>Polarization Form</b>	Vertical
<b>Connector</b>	RP-SMA Type Male
<b>Dimension</b>	195 ±3mm

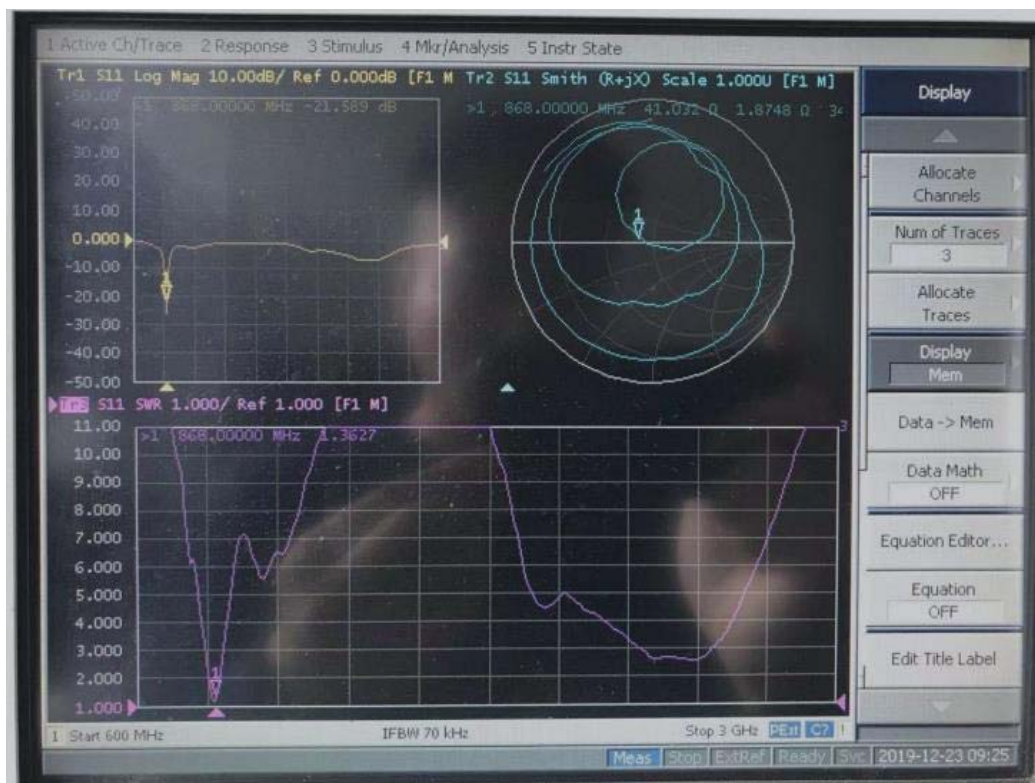
### 3. VSWR & Polar Diagram

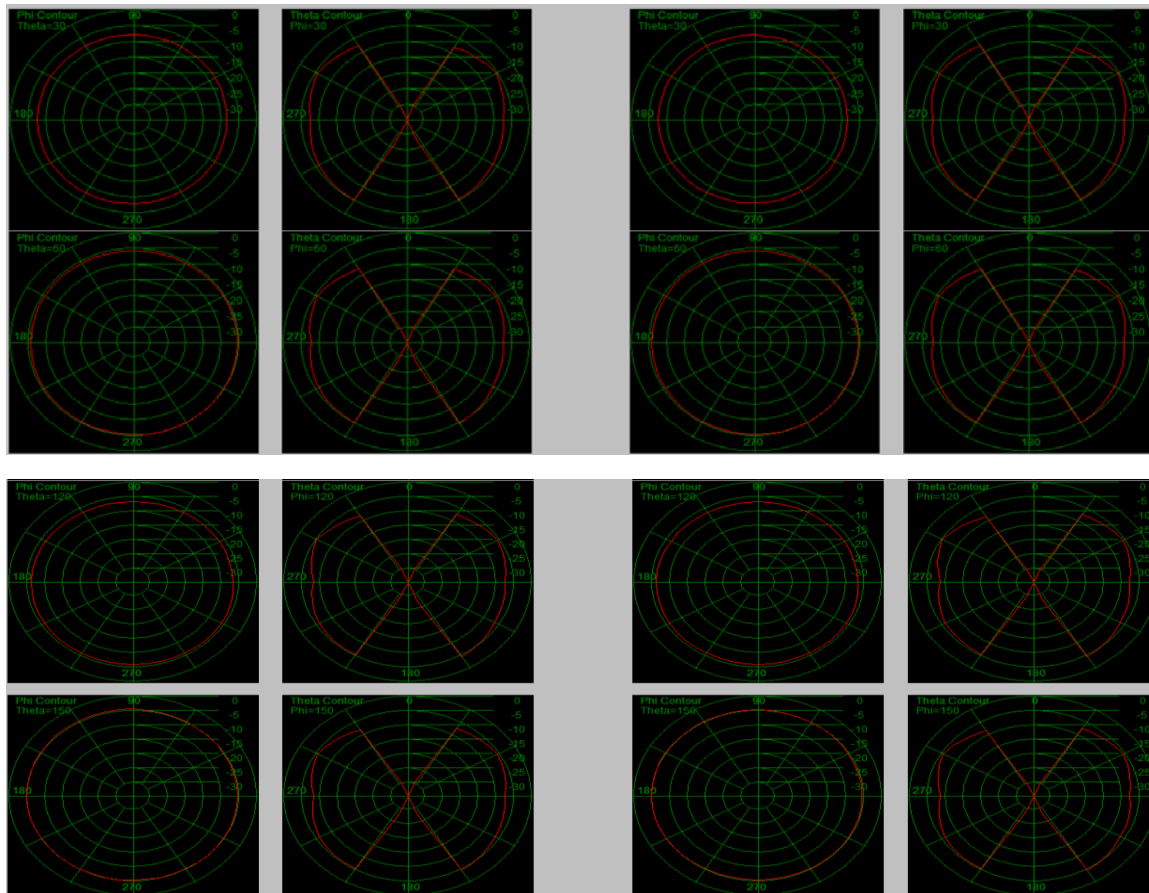
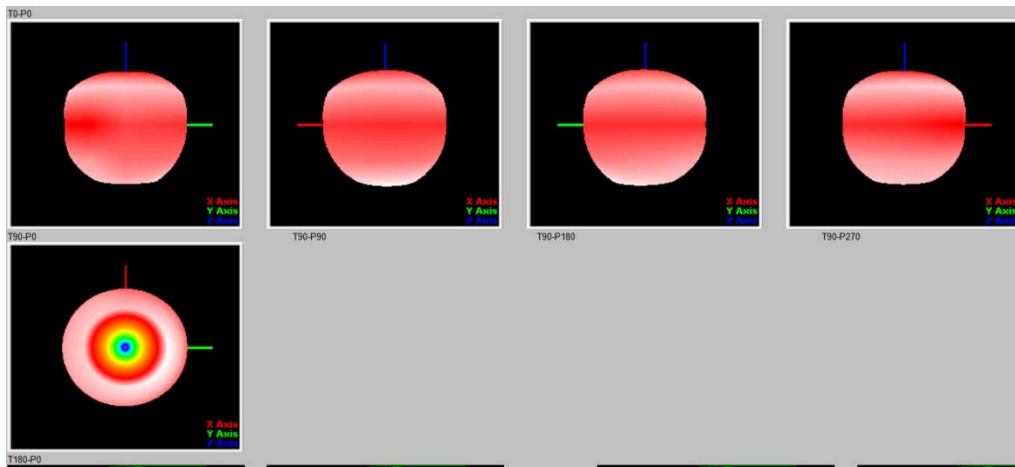
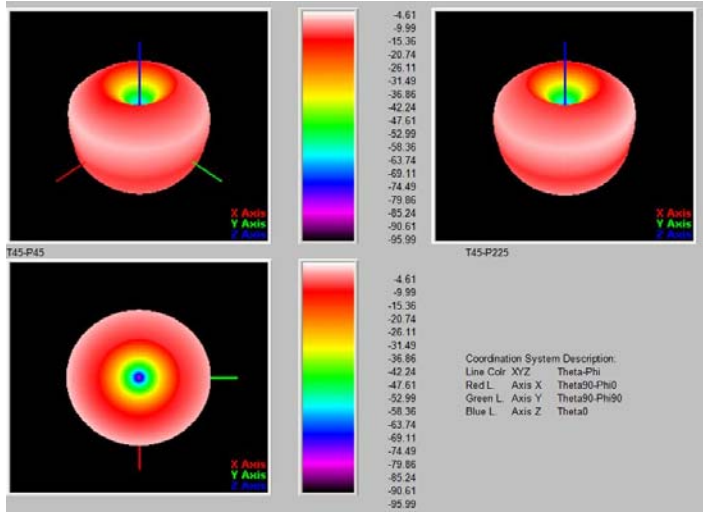
#### 3.1 STI-AN-5D-915



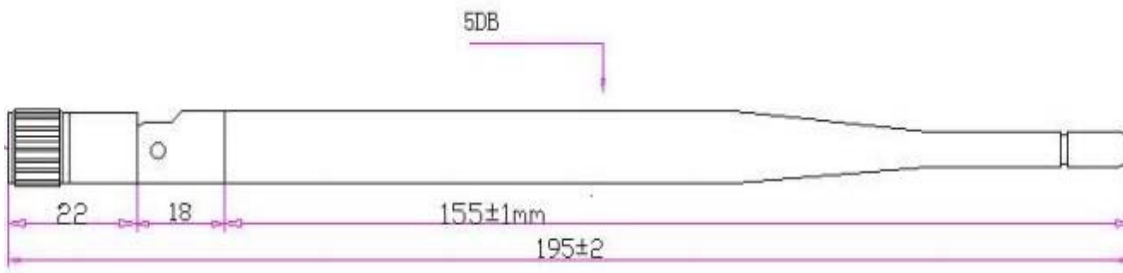


### 3.2 STI-AN-5D-868





#### 4. Mechanical



#### 5. Package

- STI-AN-5D-AN 915-868 Antenna x 1

#### 6. Order Info

**PART: STI-AN-5D-XXX:**

**XXX: Frequency Band**

- **868**: valid frequency: 863Mhz ~ 870Mhz.
- **915**: valid frequency: 902Mhz ~ 928Mhz.