



[STI-AN-5D 915-868 Datasheet](#)

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1. Features

- Stick antenna designed for LoRa IoT Application.
- Antenna long:19.5cm
- Omni Directional
- Max Gain: 5dB
- Frequency range: 860 ~ 930Mhz (Different Models)
- SMA male connector

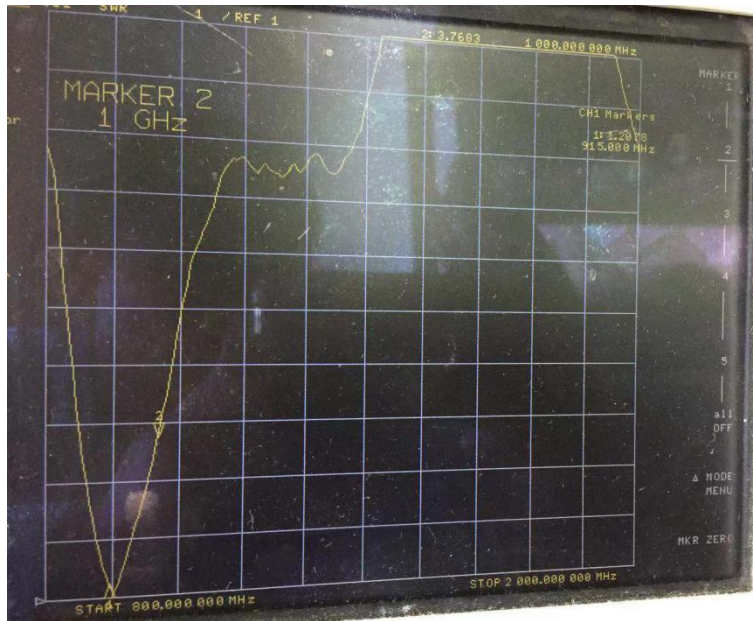
2. Specification

Frequency Range	860 ~ 930Mhz
Max Gain	5.0dB
VSWR	≤ 1.8
Efficient	> 50%
Beam Width	360°
Impedance	50 Ω
Polarization Form	Vertical
Connector	SMA Type Male
Dimension	195 $\pm$ 3mm

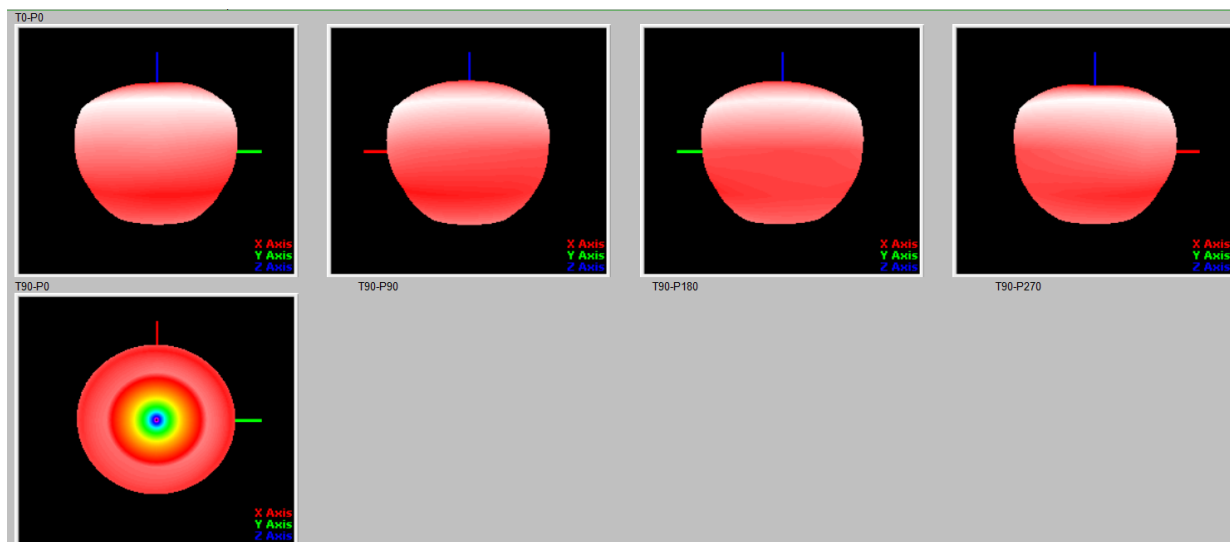
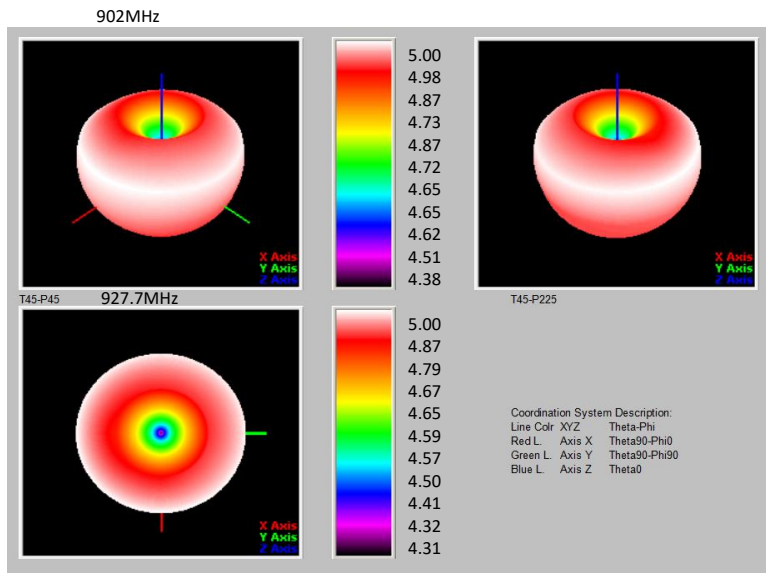
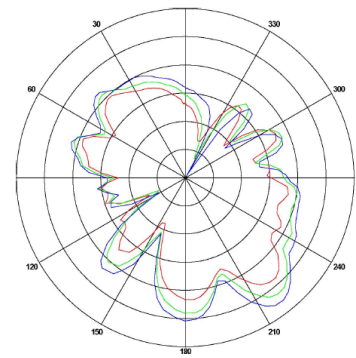
Frequency (MHz)	900	905	910	915	920	925	930
Gain(dBI)	4.12	4.25	4.56	5.00	4.89	4.76	4.69

3. VSWR & Polar Diagram

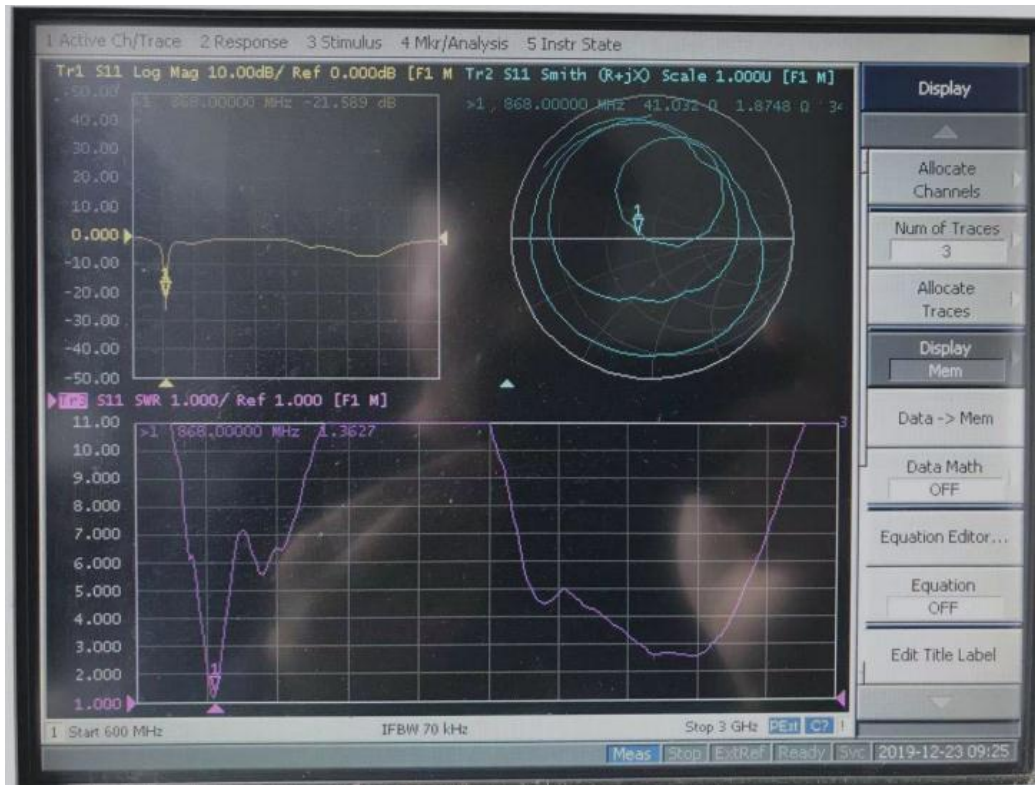
3.1 STI-AN-5D-915

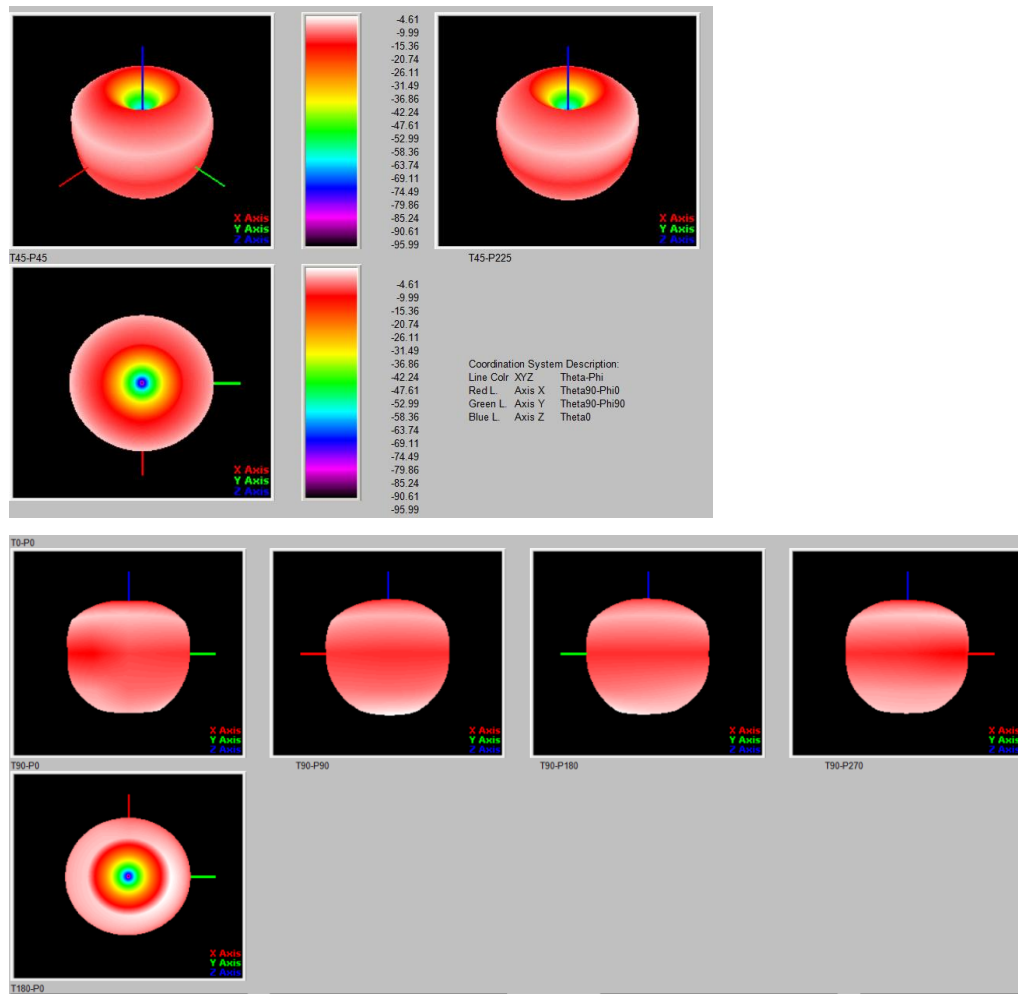


Vertical: 902 MHz
unit (dBi)
Max: 6Min: -6 Scale: 2/div



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.