



STI-AN-5D 915-868 Datasheet

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

1. Features

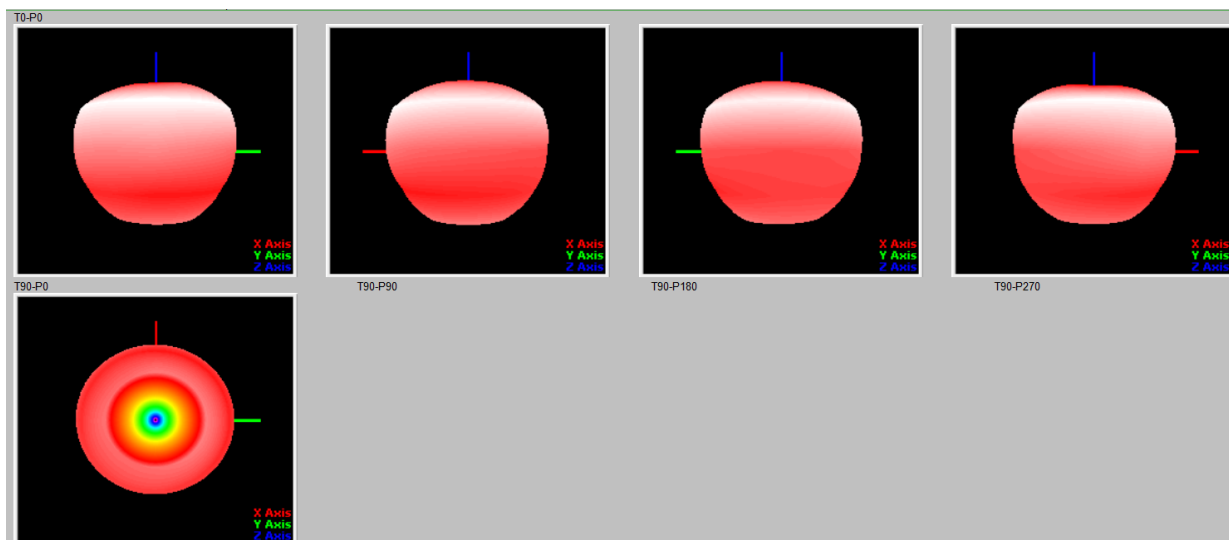
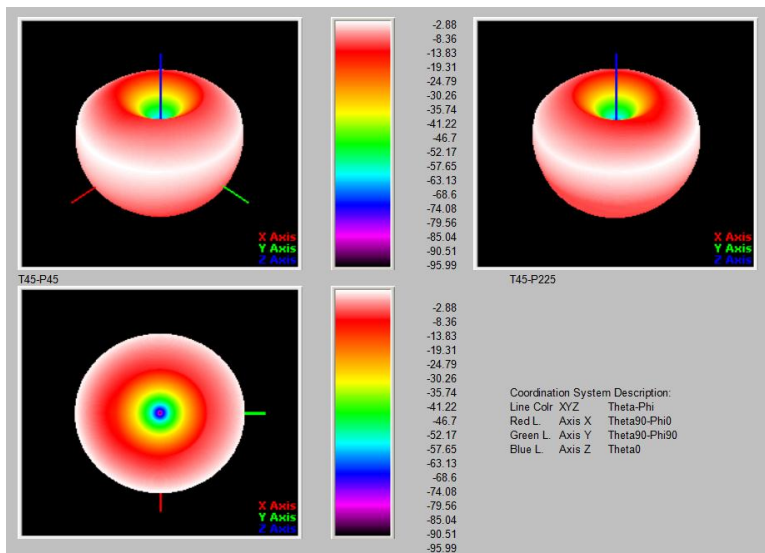
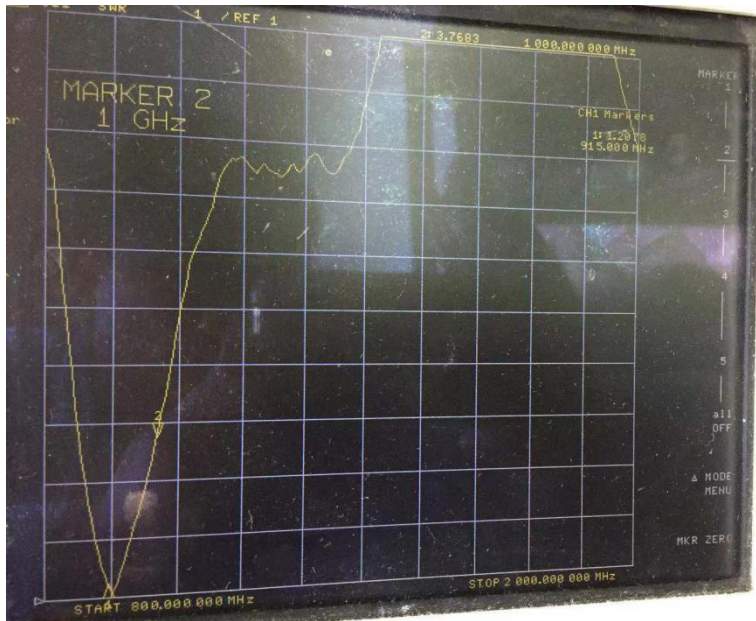
- Stick antenna designed for LoRa IoT Application.
- Antenna long:19.5cm
- Omni Directional
- Max Gain: 5dB
- Frequency range: 860 ~ 930Mhz (Different Models)
- SMA male connector

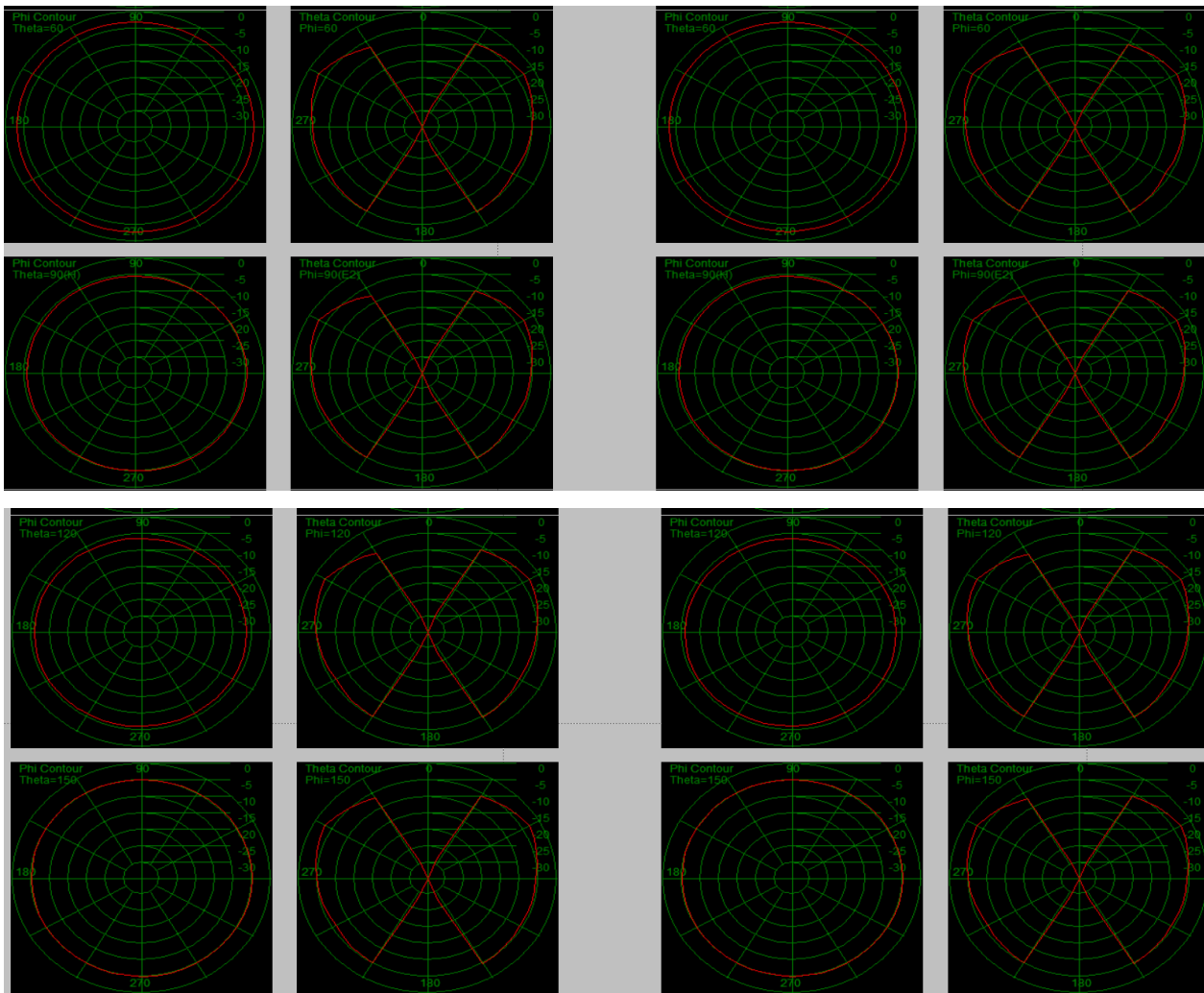
2. Specification

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

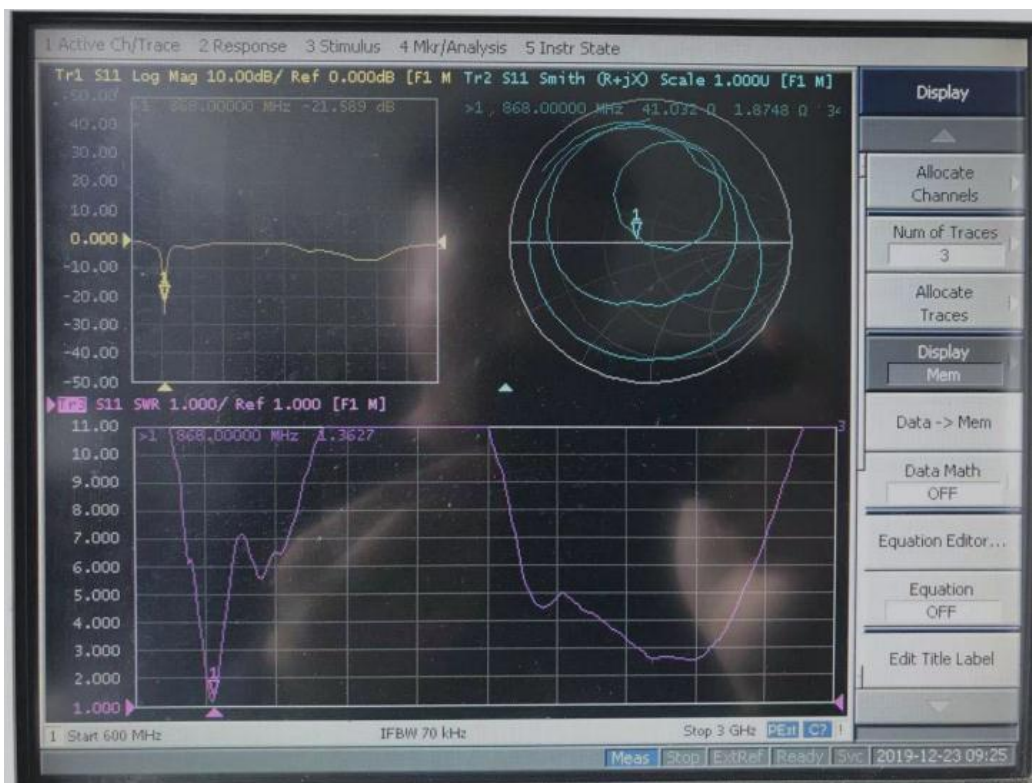
3. VSWR & Polar Diagram

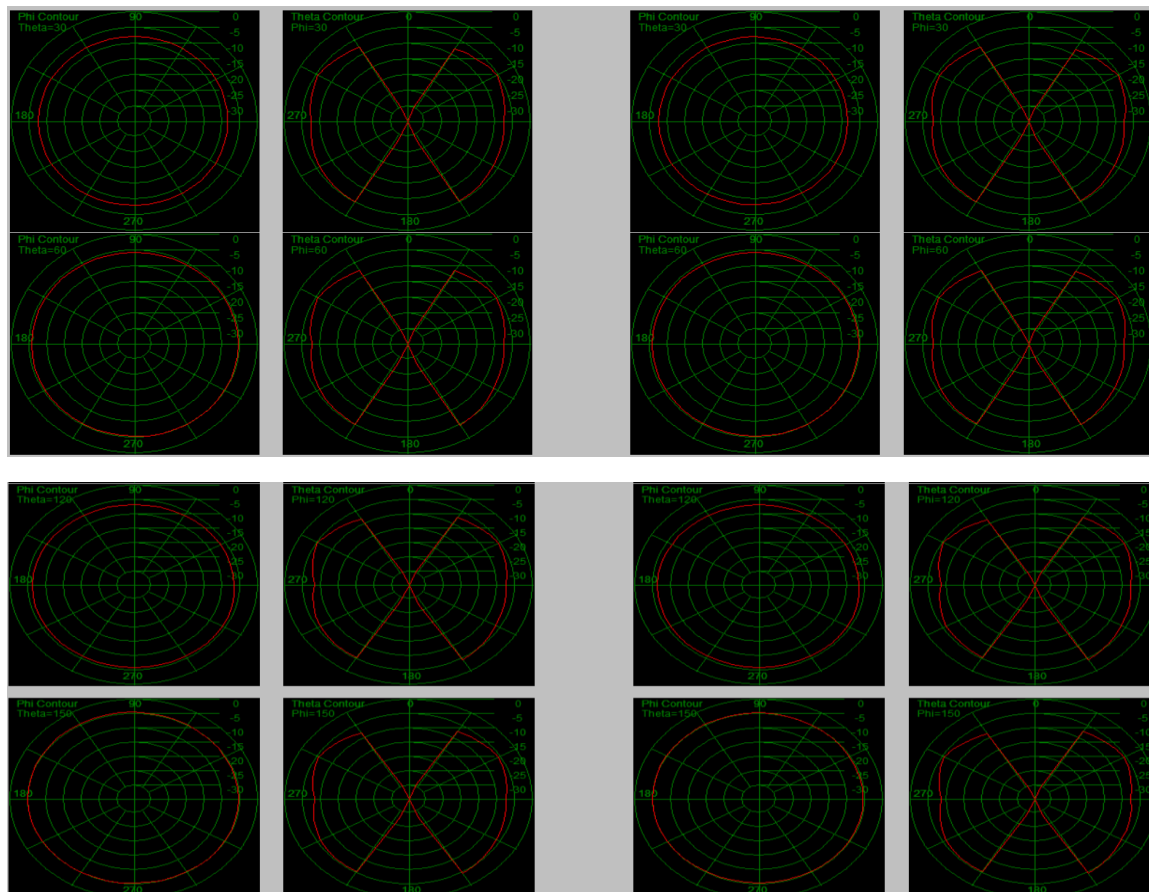
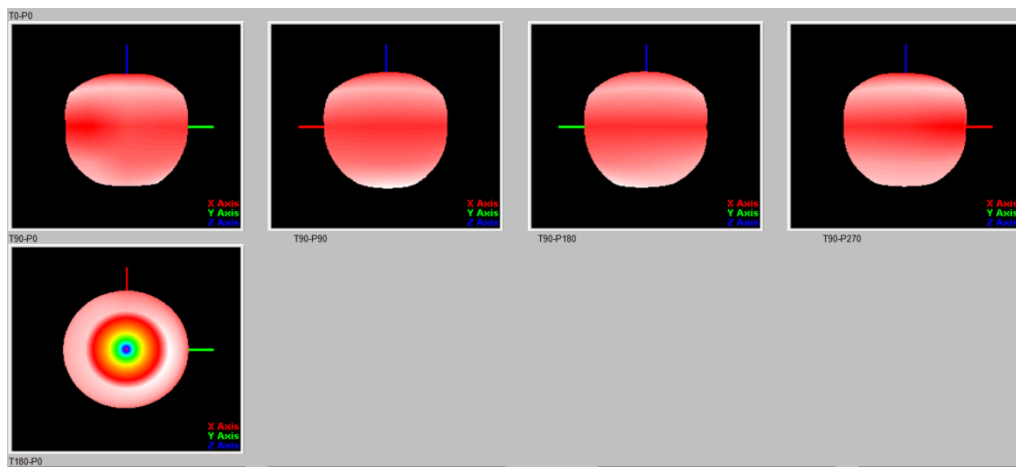
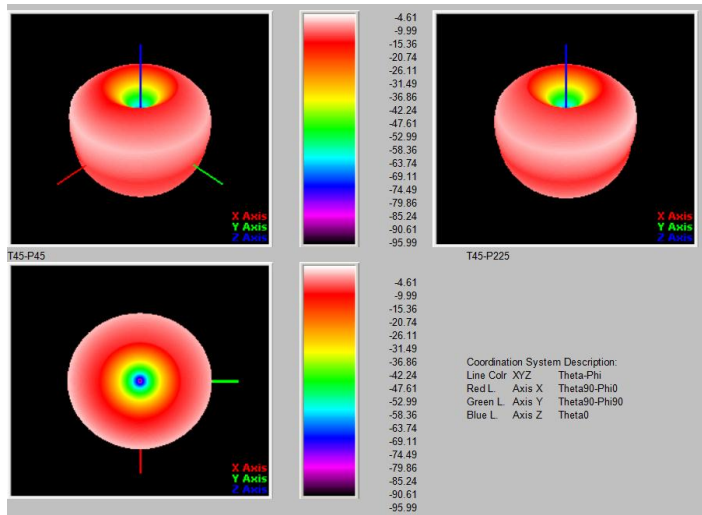
3.1 STI-AN-5D-915





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.