

BLG-AN-040 Datasheet

1. Features	3
2. Specification	3
3. VSWR & Polar Diagram	4
3.1 BLG-AN-40-868	4
3.2 BLG-AN-40-915	6
4. Mechanical	8
5. Test Report & Lobe diagram	8
6. Package	8
7. Order Info	8

1. Features

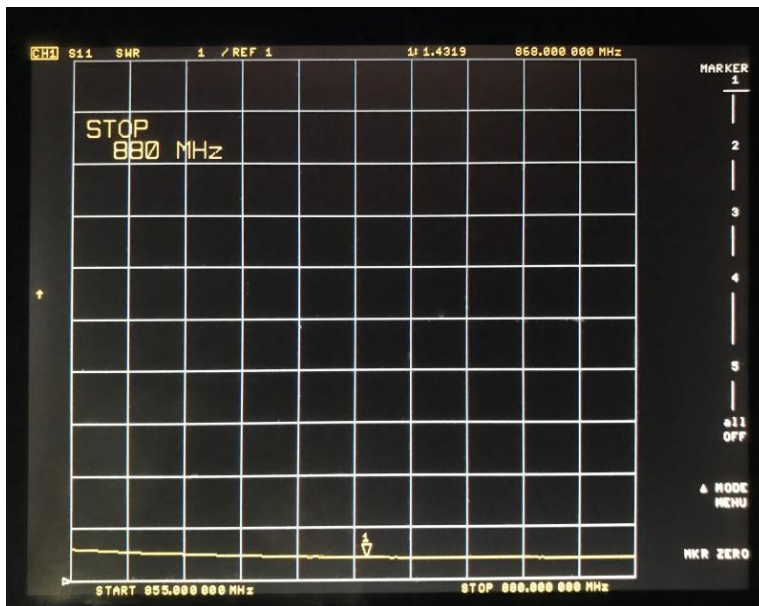
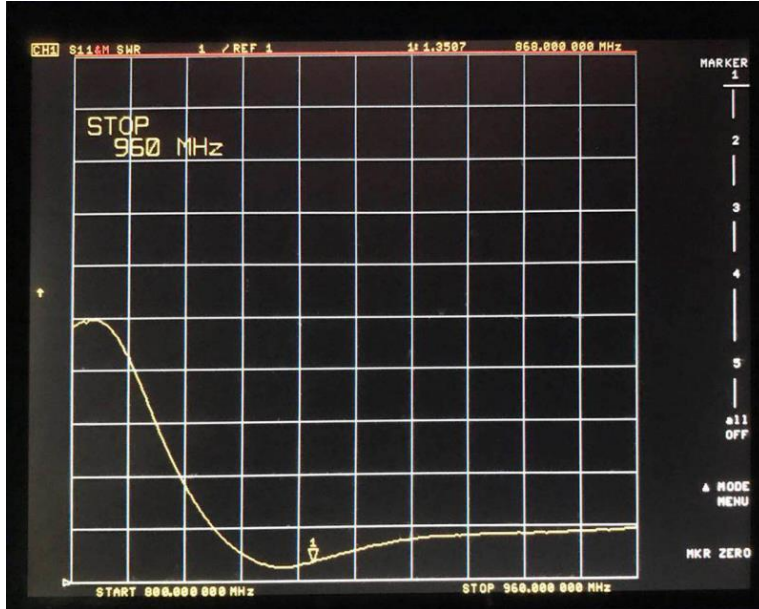
- Fiber glass antenna designed for LoRa IoT Application.
- Antenna long:40cm
- Omni Directional
- Average Gain: 3dB
- Frequency range: 860 ~ 930Mhz (Different Models)
- Mounting support for pole or wall
- Extend 60cm N-Female to SMA plug cable.

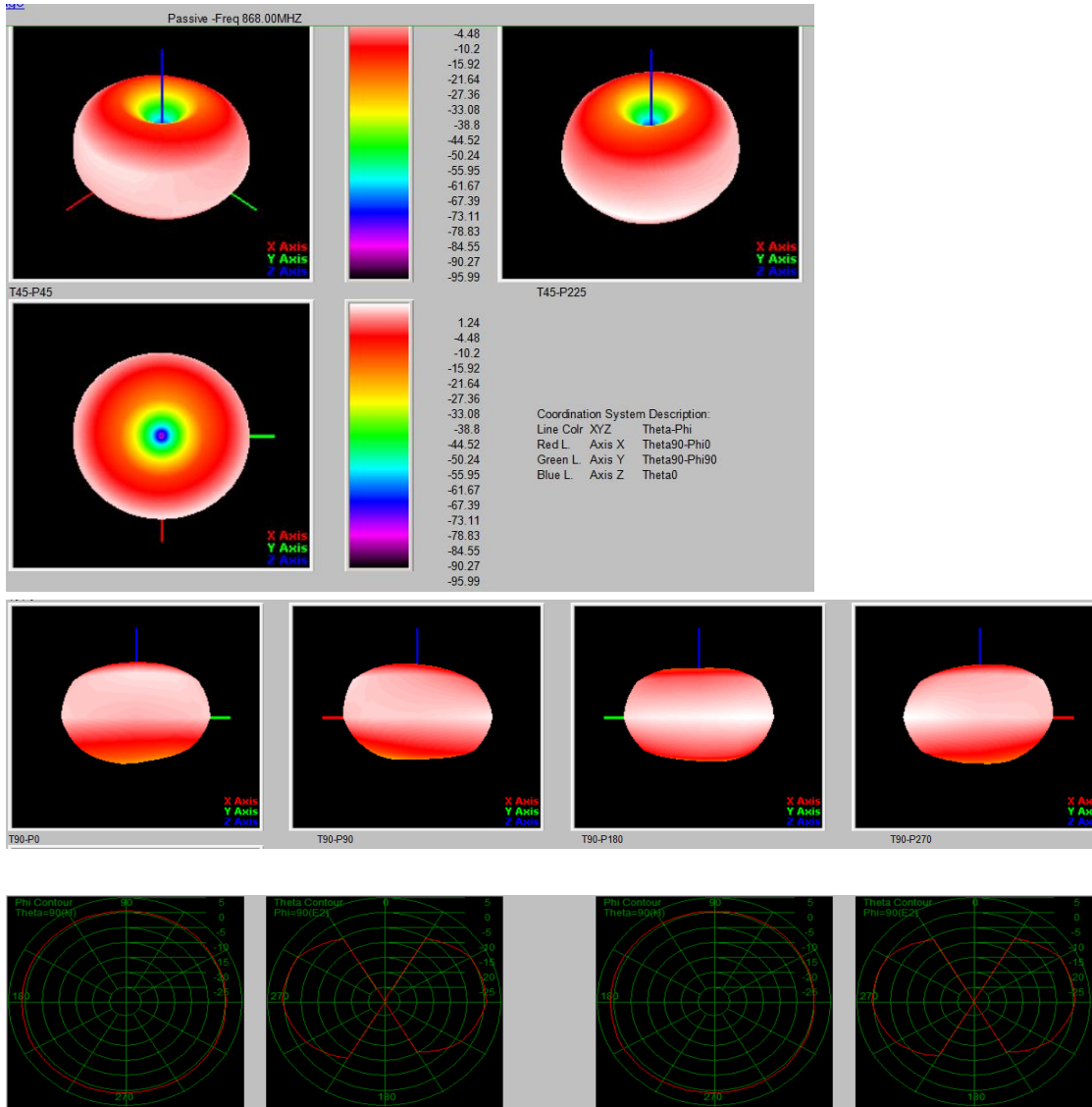
2. Specification

Frequency Range	860 ~ 930Mhz
Average Gain	3.0dB
VSWR	≤ 2.0
Efficient	> 65%
Beam Width	360°
Impedance	50 Ω
Polarization Form	Vertical
Material	Glass Fiber
Interface (Antenna Side)	N Type Male
Interface (Cable Side)	SMA Plug
Dimension	Φ 22 x L400 ±10mm
Extend Cable Length	60cm

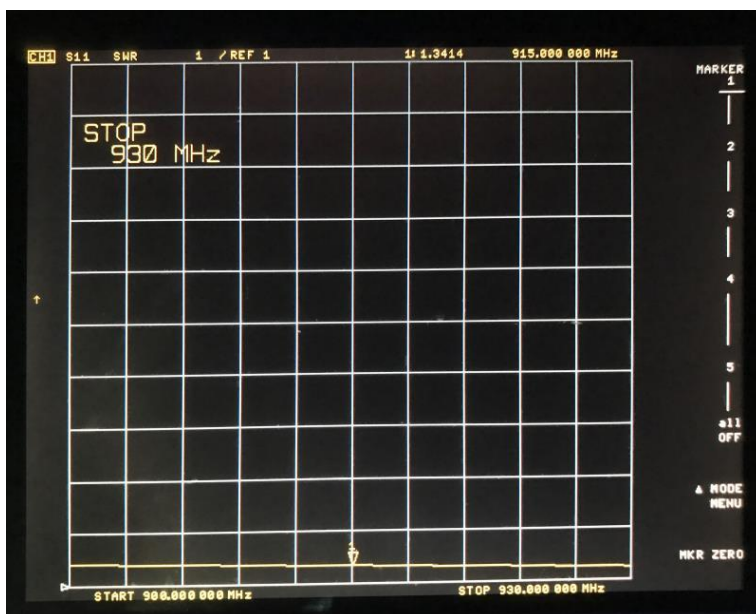
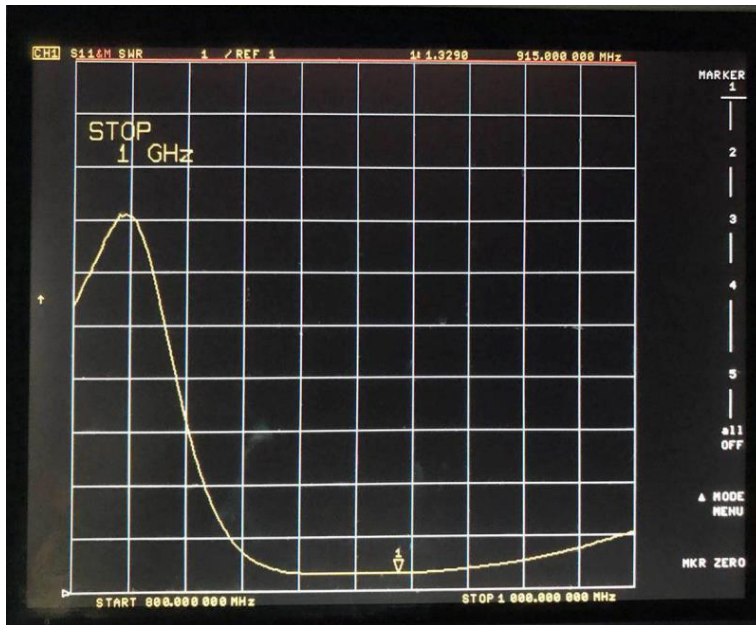
3. VSWR & Polar Diagram

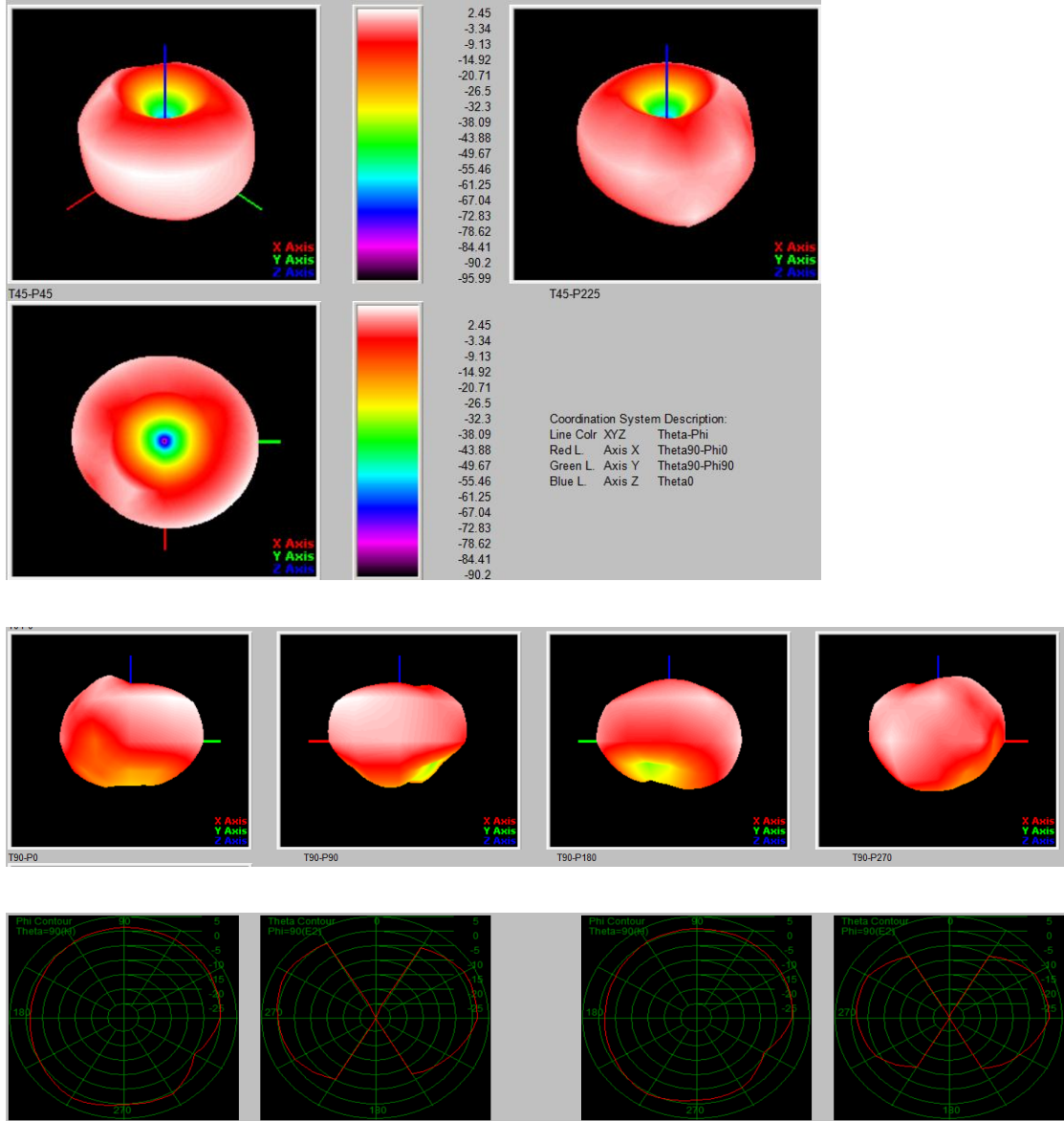
3.1 BLG-AN-40-868



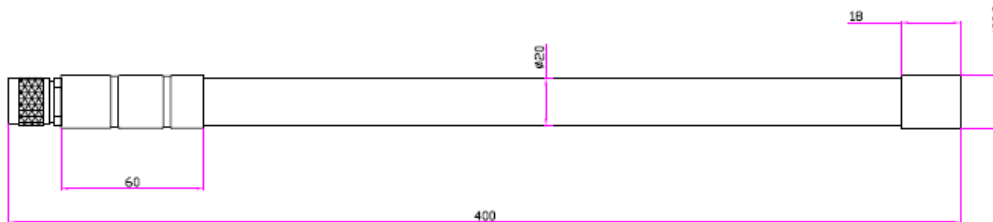


3.2 BLG-AN-40-915





4. Mechanical



5. Test Report & Lobe diagram

<http://www.dragino.com/downloads/index.php?dir=accessories/Antenna/BLG-AN/>

6. Package

- BLG-AN-040 Fiber Glass Antenna x 1
- N-Female to SMA Plug cable x 1
- Mounting Support x 1 set

7. Order Info

PART: BLG-AN-040-XXX:

XXX: Frequency Band

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