

Specifications: BS300 On-board Antenna

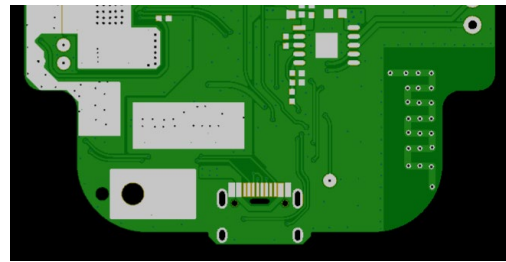
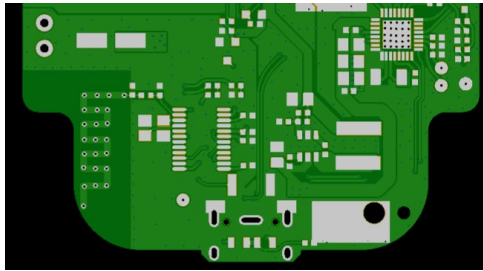
Test Equipment: Anritsu S332E Cable and Antenna Analyzer

Test by: R&D Laboratory

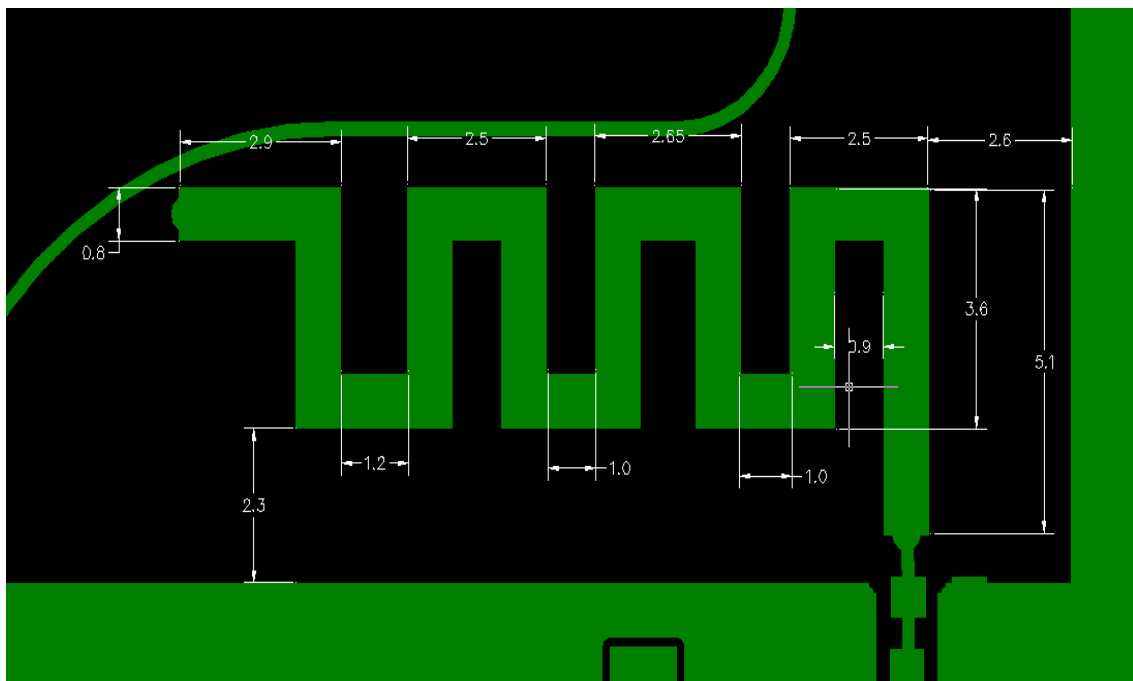
Manufacturer: Shenzhen Baojia Battery Technology Co.Ltd.

Address: 201Unit 201, Block A, Building 6, World Expo Bay South Coast, Zhancheng community, Fuhai Street, Baoan District, Shenzhen

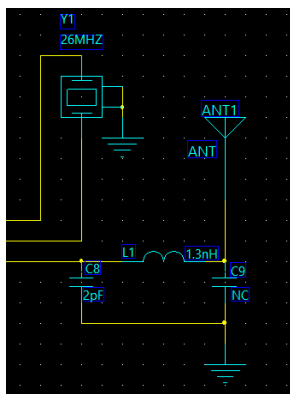
1. PW20 uses PCB board antenna.



2. Antenna size.Unit:mm



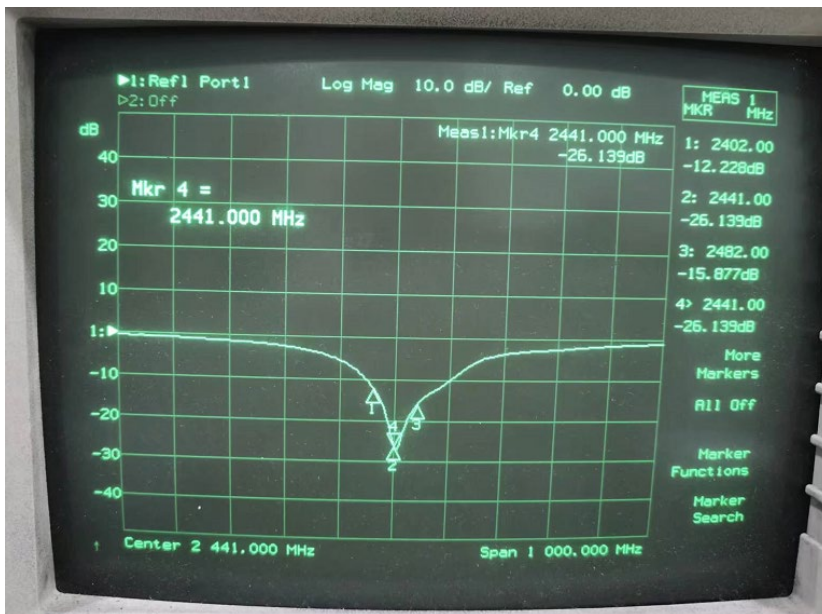
3. Matching circuit:(Center frequency is about 2441MHz)



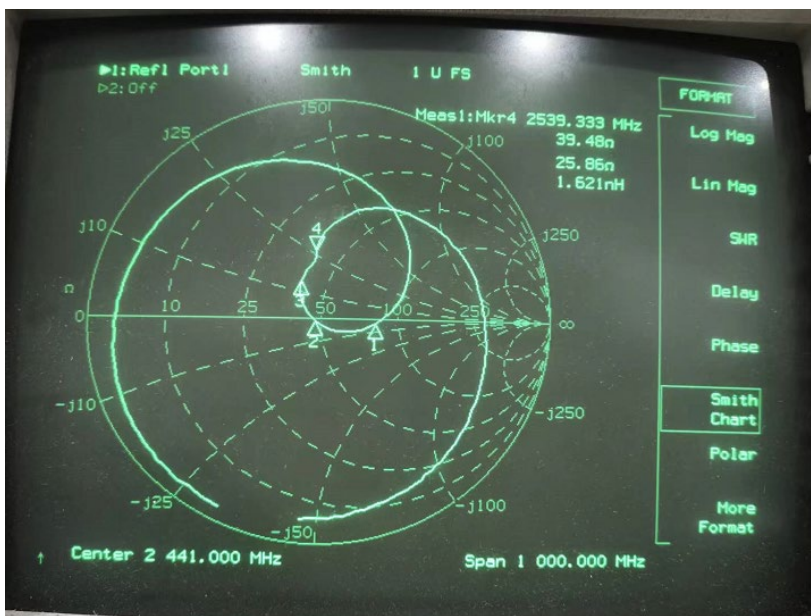
4. Description:

- 4.1. Antenna name: PW20
- 4.2. Material:FR4 (PCB board antenna)
- 4.3. Working frequency: B:2400~2500 MHz
- 4.4. VSWR:<2
- 4.5 Peak Gain: 2 dBi@2450MHz
- 4.6 Impedance: 50 OHM
- 4.7 Return Loss, Smith chart & VSWR

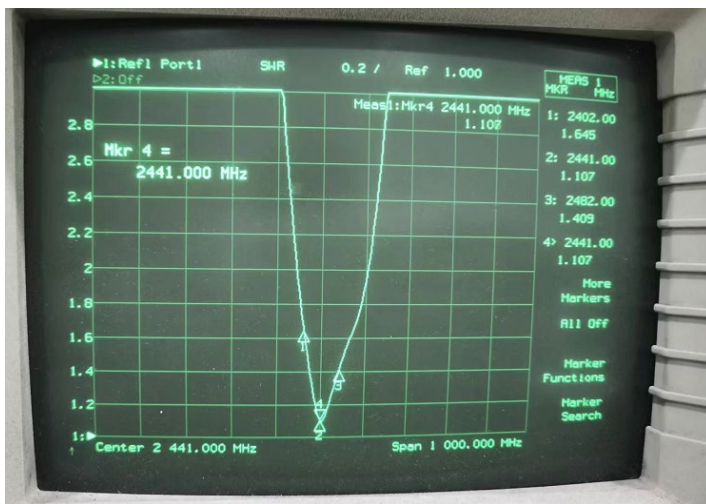
Return Loss



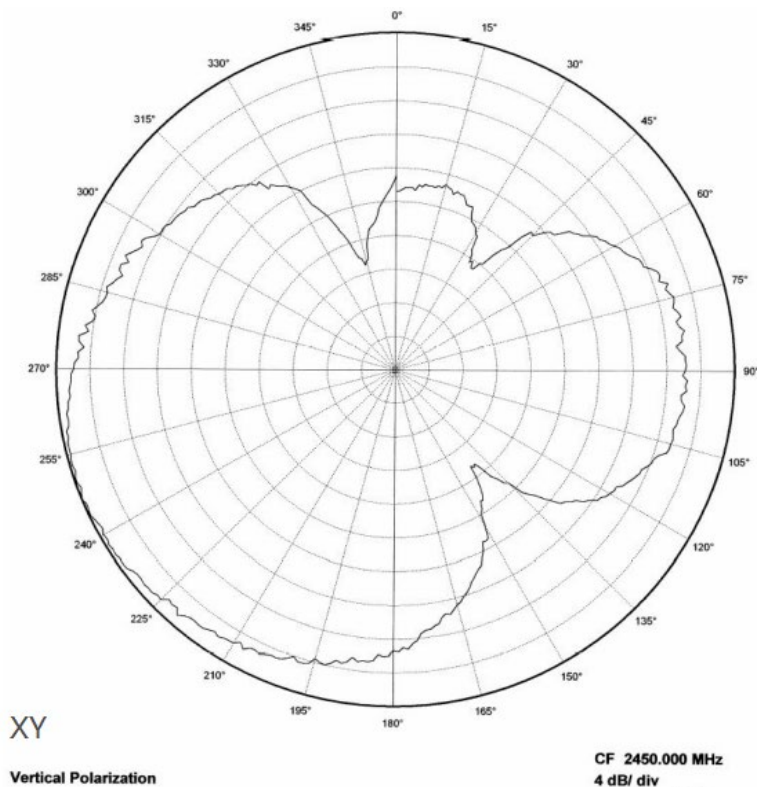
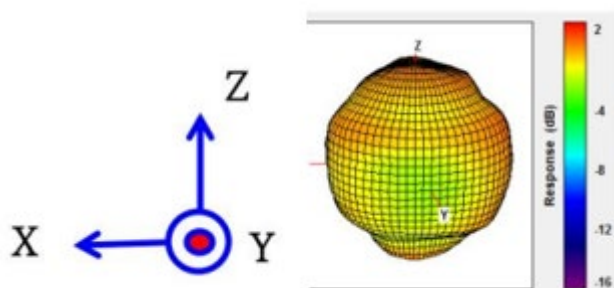
Smith chart

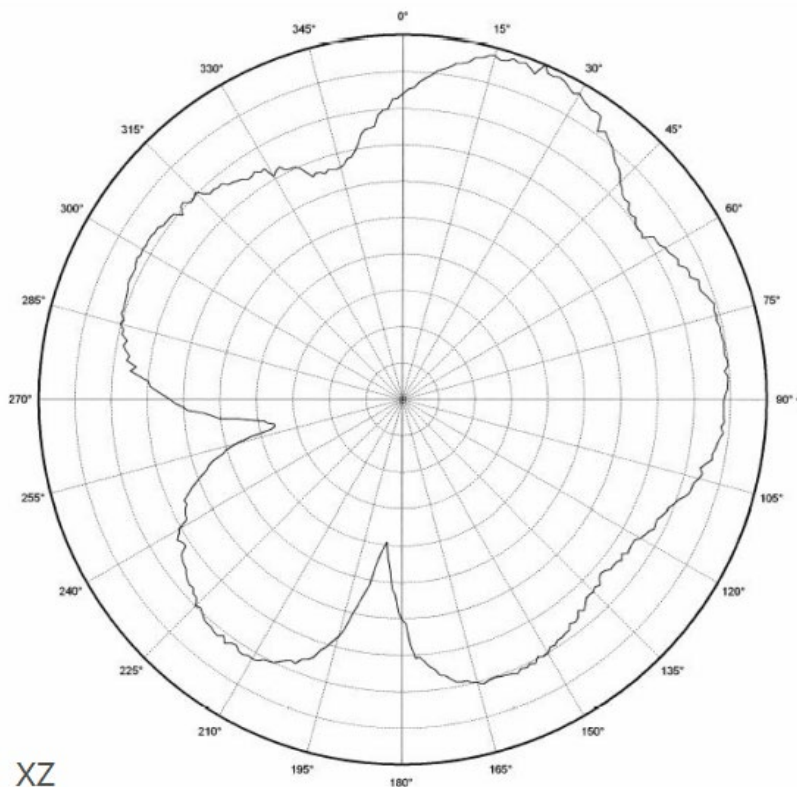


VSWR



5. 3D Radiation Gain @2450MHz(unit:dBi)

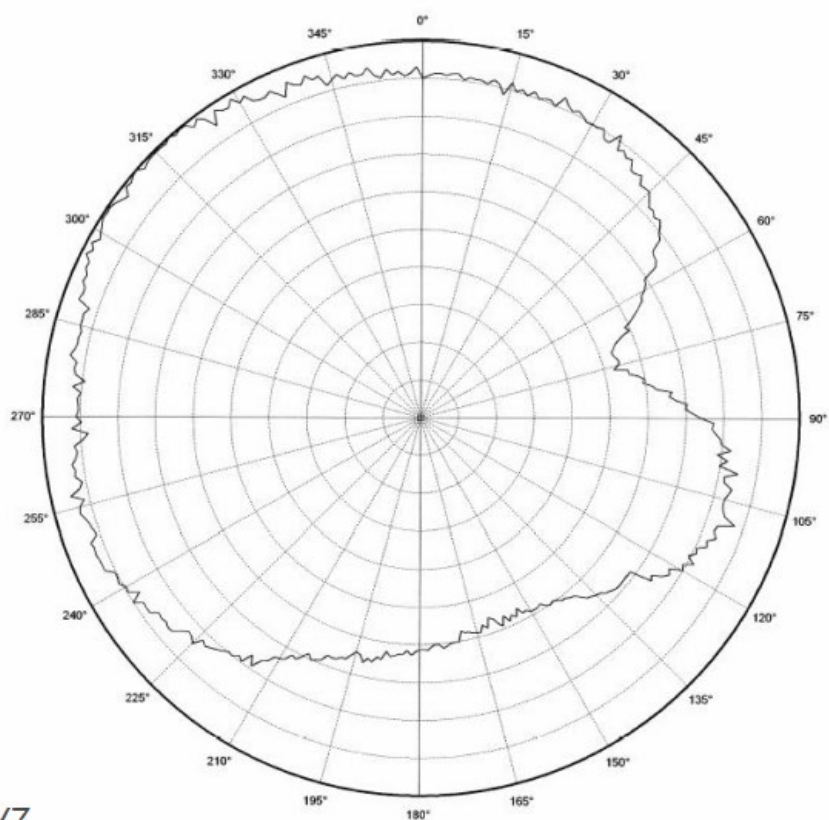




XZ

Vertical Polarization

CF 2450.000 MHz
4 dB/ div



YZ

Vertical Polarization

CF 2450.000 MHz
2 dB/ div