

## 2.4G PCB Antenna

|                 |                                                                            |
|-----------------|----------------------------------------------------------------------------|
| Test Ccompany   | TA Technology (Shanghai) Co., Ltd.                                         |
| Test Address    | Building 1, No. 400, Fangchun Road, China (Shanghai) Pilot Free Trade Zone |
| Test Date       | 2020/7/24                                                                  |
| Test Instrument | Keysight E5071B                                                            |
| Manufacturer :  | GUANGDONG BAOLI CULTURAL DEVELOPMENT CO.,LTD                               |
| Address of      | WEST ER HENG, QUJIAN RAOD, FENGXIN GANGKOU INDUSTRIAL PARK,                |
| Manufacturer:   | FENGXIANG STREET,CHENGHAI,SHANTOU,GUANGDONG, CHINA                         |

### antenna design specification

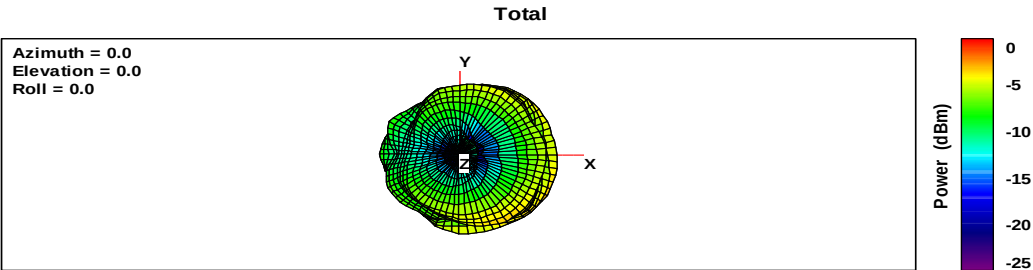
Antenna dimensions as blow picture show: the material is FR4 and the thickness is 1.0mm of PCB.



### Gian and Efficiency

| Frequency<br>(MHz) | Efficiency(%) | Gain(dBi) |
|--------------------|---------------|-----------|
| 2402               | 14.86         | -0.93     |
| 2420               | 12.54         | -1.17     |
| 2440               | 9.92          | -2.03     |
| 2460               | 7.46          | -2.47     |
| 2480               | 6.11          | -2.98     |

3D and 1D Radiation Patterns



2440M TRP 1

