

# BT BLE Antenna

Revision History: 2022-8-12 Rev.A1

## 1. MODEL: K20, Q630M



## 2. Manufacturers:

Shenzhen Huion Trend Technology Co., Ltd.

## 3. Electrical Characteristics

Frequency Band: 2402MHz ~ 2480MHz

Max peak gain: 1.34dBi

Material: 94V0 PCB

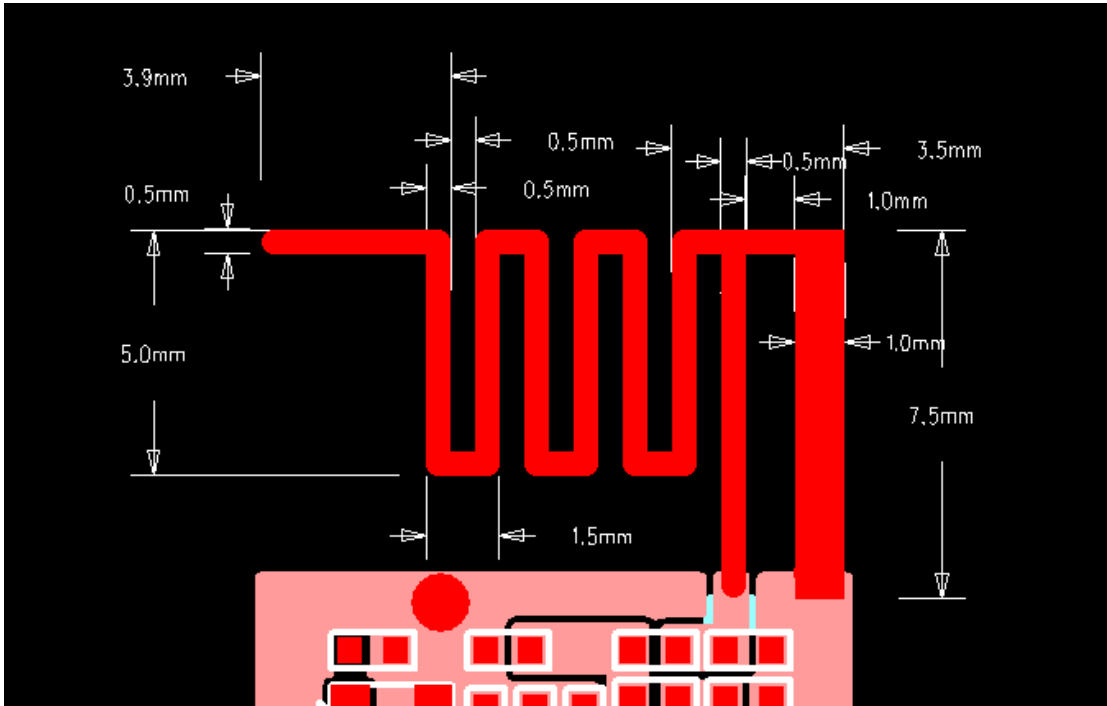
Feature: This is a PCB 2.4GHz antenna.

## 4. Antenna Dimension

| Frequency | E Total.<br>dB(dBi) |
|-----------|---------------------|
| 2402MHz   | 0.05                |
| 2444MHz   | 0.51                |
| 2480MHz   | 1.34                |

## PCB LAYOUT

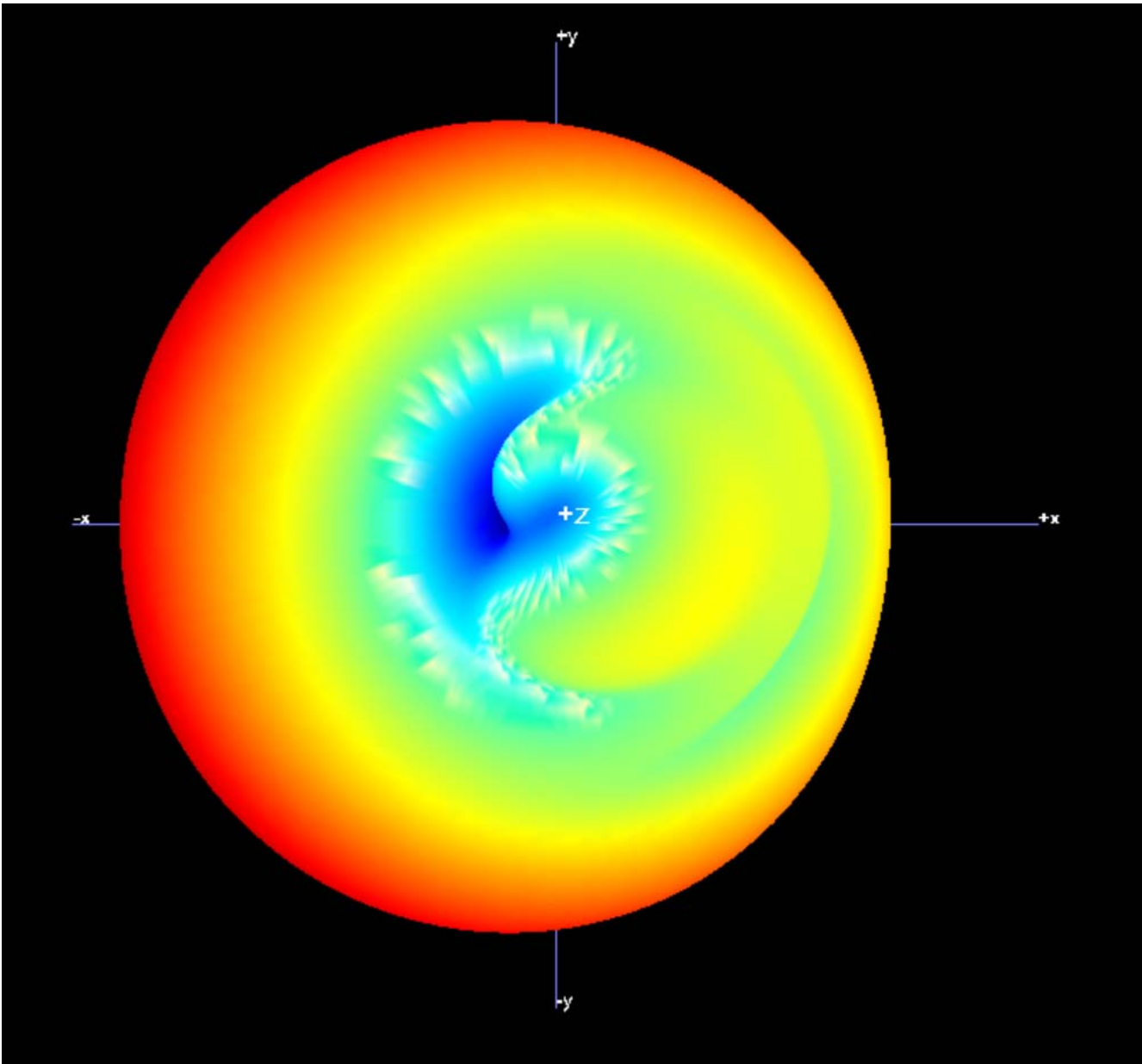
|          |         |          |
|----------|---------|----------|
| Prepared | Checked | Approved |
| Tom      | Fred    | TONY     |



**5. Typical Free Space Radiation Pattern**

|          |         |          |
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| Prepared | Checked | Approved |
| Tom      | Fred    | TONY     |

3D Radiation Pattern

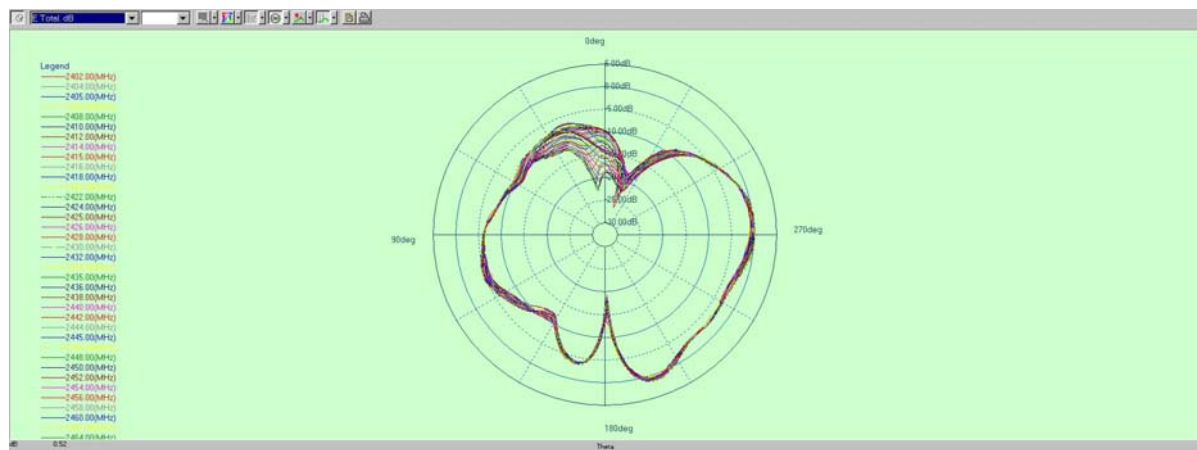


6. Typical Free Space Radiation Pattern

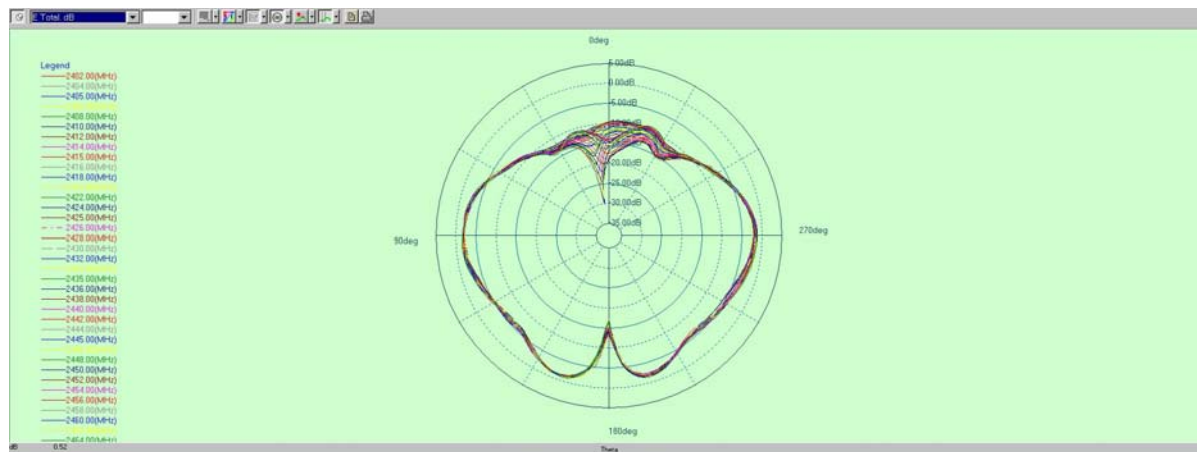
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| Prepared | Checked | Approved |
| Tom      | Fred    | TONY     |

2D Radiation Pattern

PHI=0

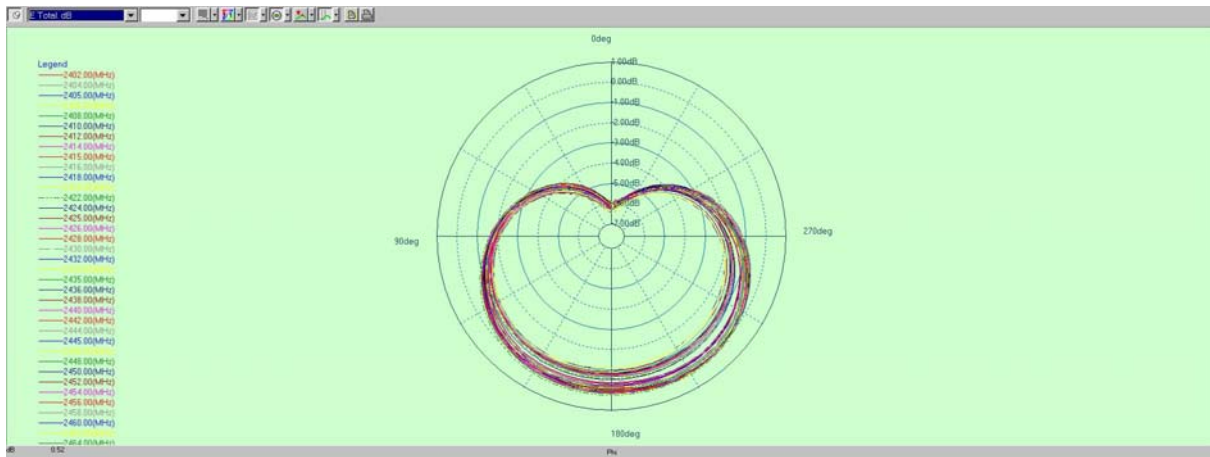


PHI=90



THETA=90

|          |         |          |
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| Prepared | Checked | Approved |
| Tom      | Fred    | TONY     |



|          |         |          |
|----------|---------|----------|
| Prepared | Checked | Approved |
| Tom      | Fred    | TONY     |