

BT BLE Antenna

Revision History: 2023-8-12 Rev.A2

1. MODEL: WH851



2. Manufacturers:

Shenzhen Huion Trend Technology Co., Ltd.

3. Electrical Characteristics

Frequency Band: 2402MHz ~ 2480MHz

Max peak gain: 1.34dBi

Material: 94V0 PCB

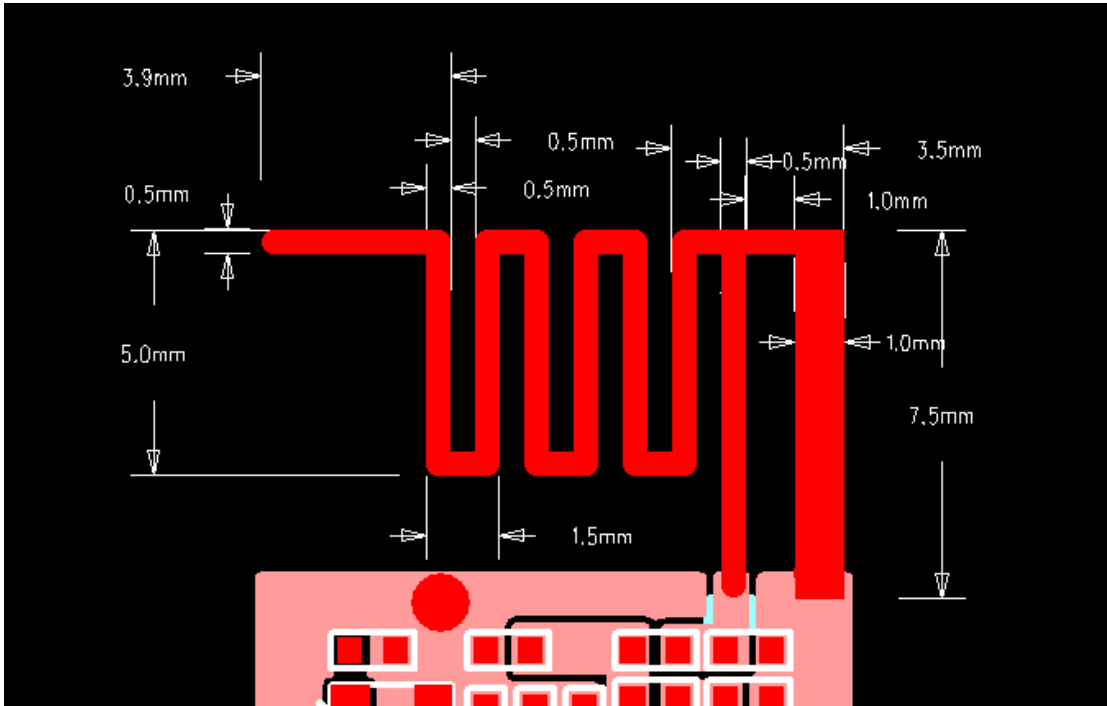
Feature: This is a PCB 2.4GHz antenna.

4. Antenna Dimension

Frequency	E Total. dB(dBi)
2402MHz	0.05
2444MHz	0.51
2480MHz	1.34

PCB LAYOUT

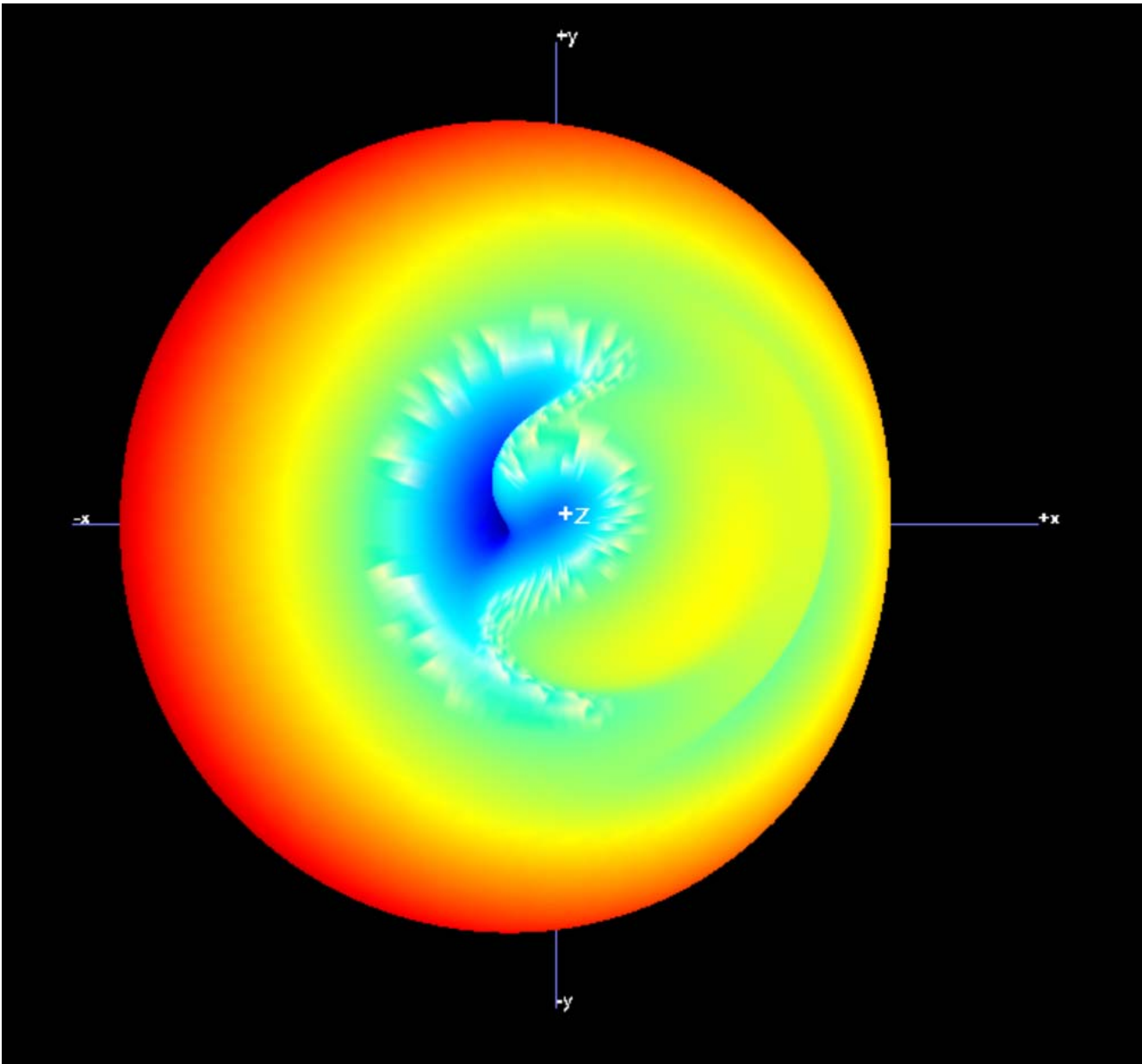
Prepared	Checked	Approved
Tom	Fred	TONY



5. Typical Free Space Radiation Pattern

Prepared	Checked	Approved
Tom	Fred	TONY

3D Radiation Pattern

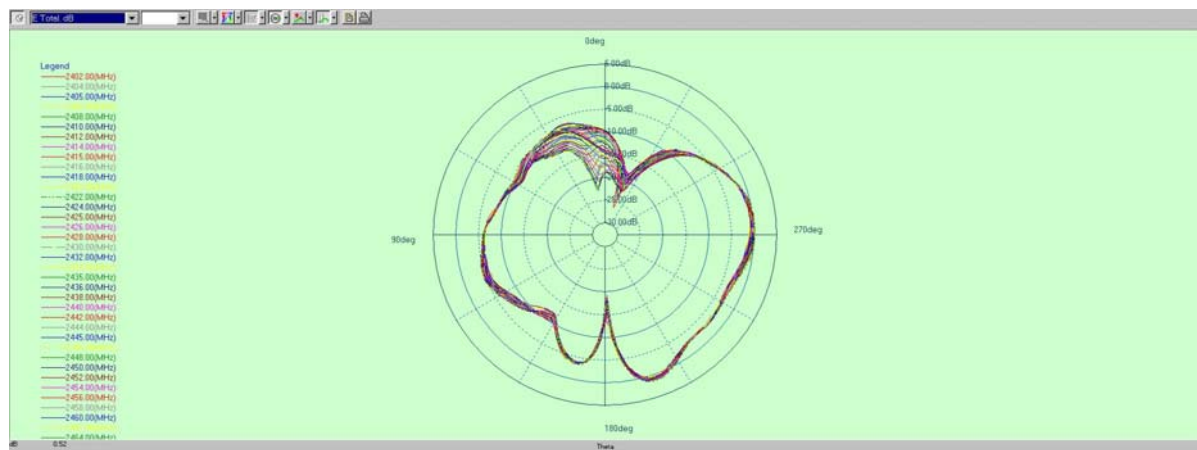


6. Typical Free Space Radiation Pattern

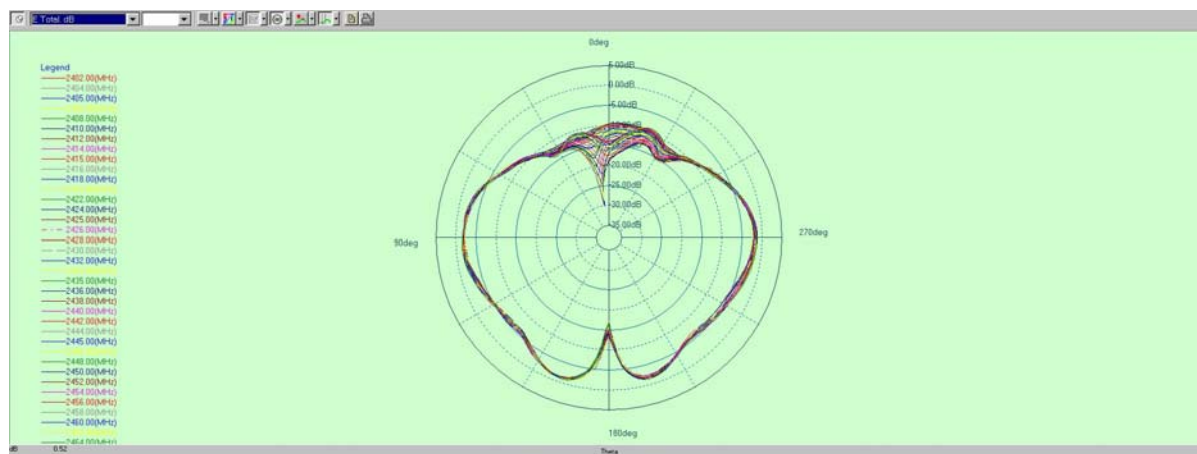
Prepared	Checked	Approved
Tom	Fred	TONY

2D Radiation Pattern

PHI=0

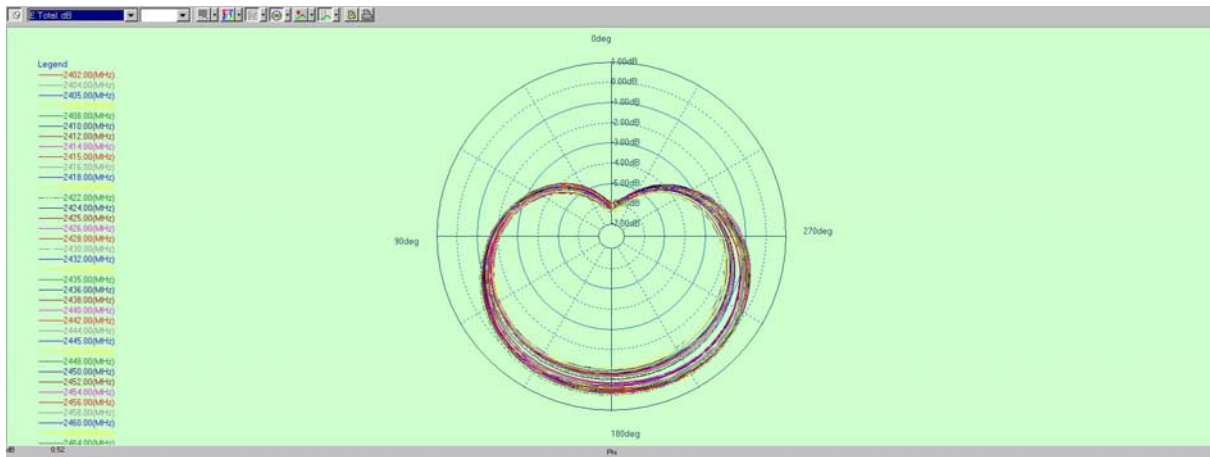


PHI=90



THETA=90

Prepared	Checked	Approved
Tom	Fred	TONY



Prepared	Checked	Approved
Tom	Fred	TONY