

BT BLE Antenna

Revision History: 2025-6-12 Rev.A1

1. MODEL: K30

Brand: DigiDraw

2. Manufacturers:

Turing Creative Technology(Shenzhen) Co., Ltd.

3. Electrical Characteristics

Frequency Band: 2402MHz~2480MHz

Max peak gain: 1.34dBi

Material: 94V0 PCB

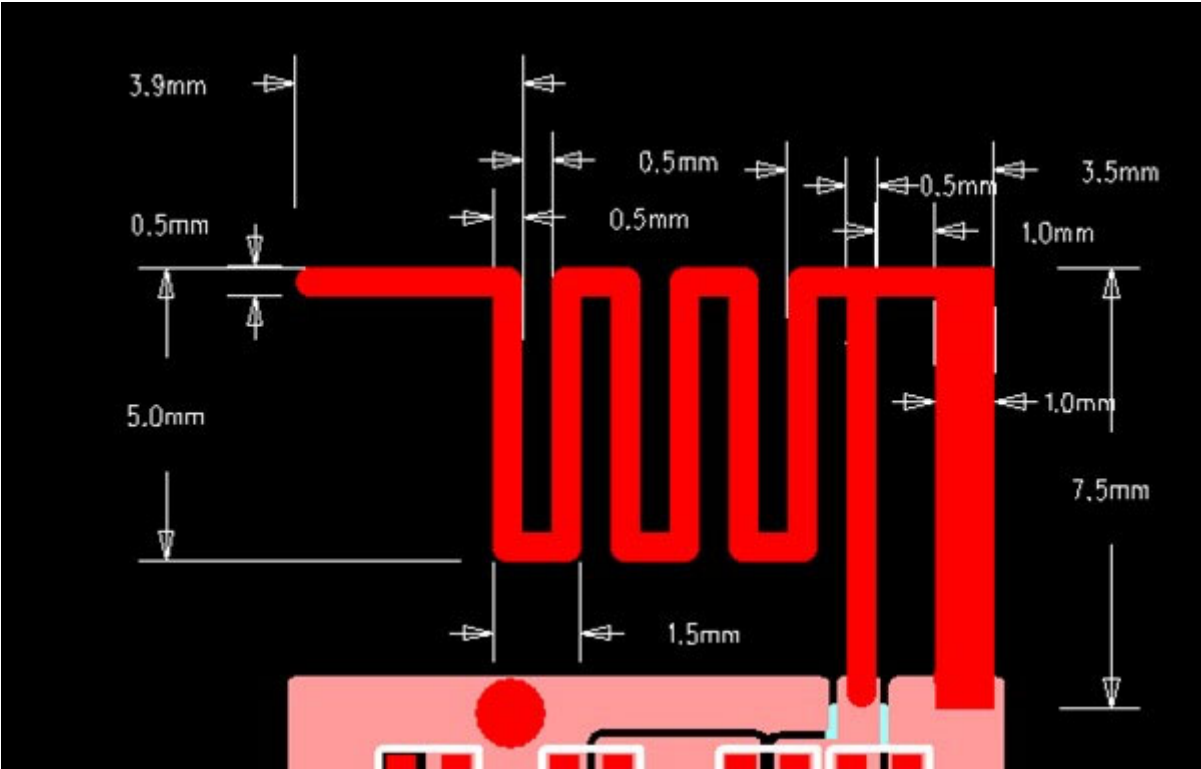
Feature: This is a PCB 2.4GHz antenna.

4. Antenna Dimension

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

Prepared	Checked	Approved
Tom	Fred	TONY

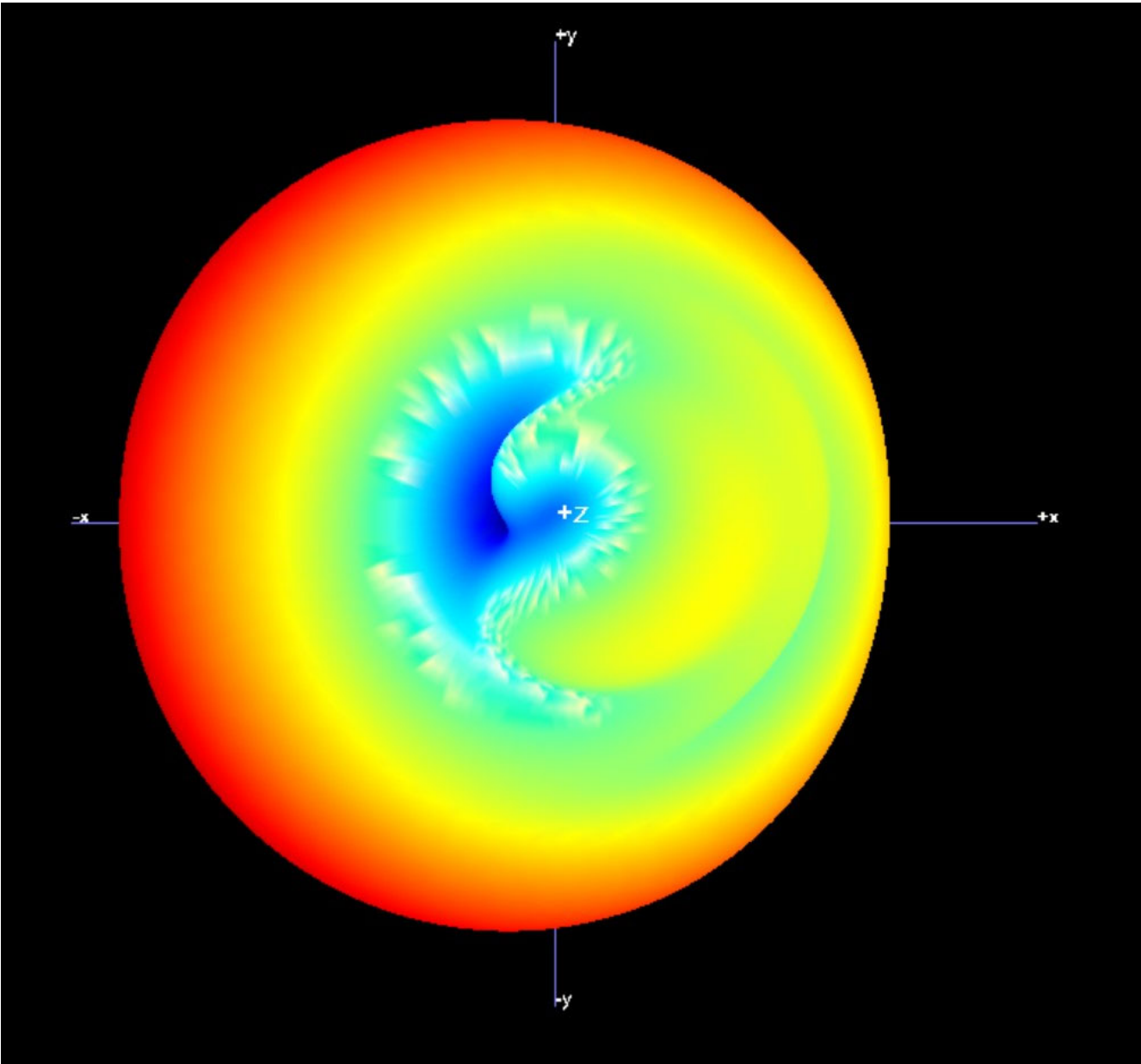
PCB LAYOUT



Prepared	Checked	Approved
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5. Typical Free Space Radiation Pattern

3D Radiation Pattern

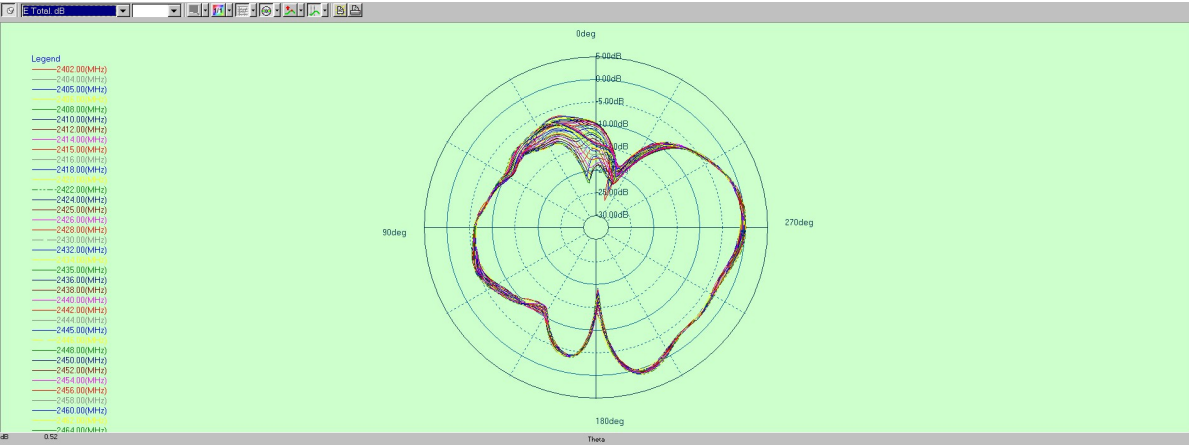


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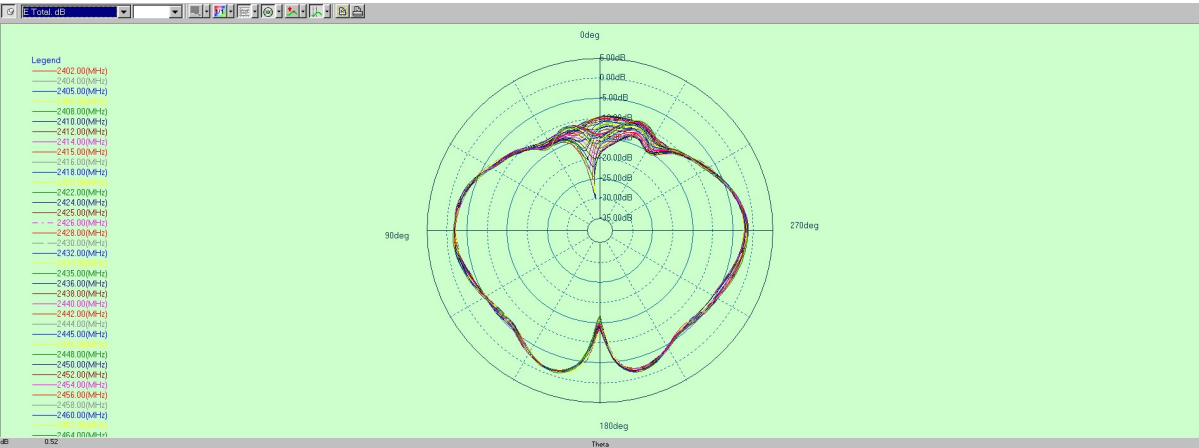
6. Typical Free Space Radiation Pattern

2D Radiation Pattern

PHI=0

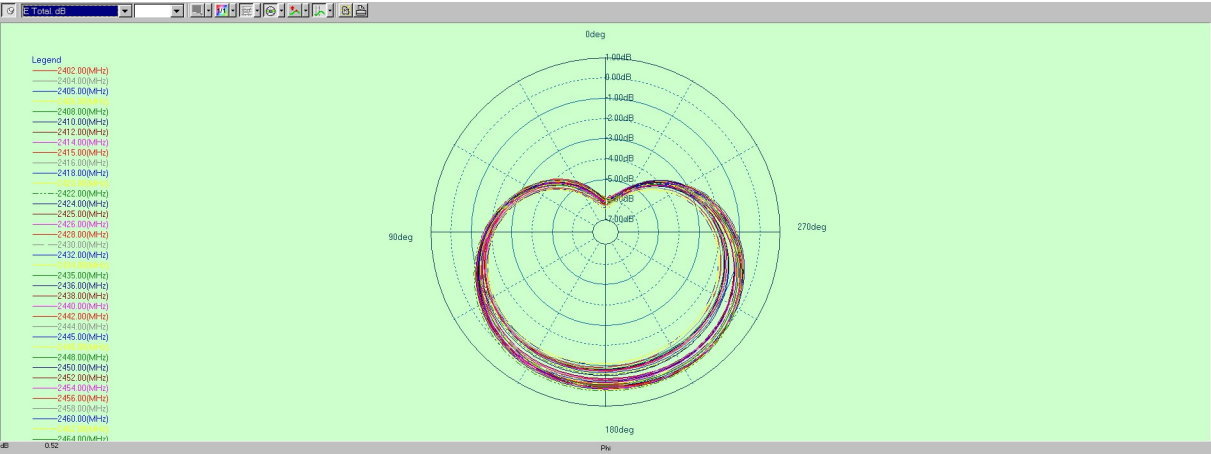


PHI=90



Prepared	Checked	Approved
Tom	Fred	TONY

THETA=90



Prepared	Checked	Approved
Tom	Fred	TONY