

## SPECIFICATION FOR ANTENNA

|                        |             |
|------------------------|-------------|
| Project                | CAD 01      |
| Product Name           | BT 2.4G     |
| Frequency R (MHz)      | 2.4-2.5GHz  |
| Impedance ( $\Omega$ ) | 50          |
| Antenna type           | PCB antenna |

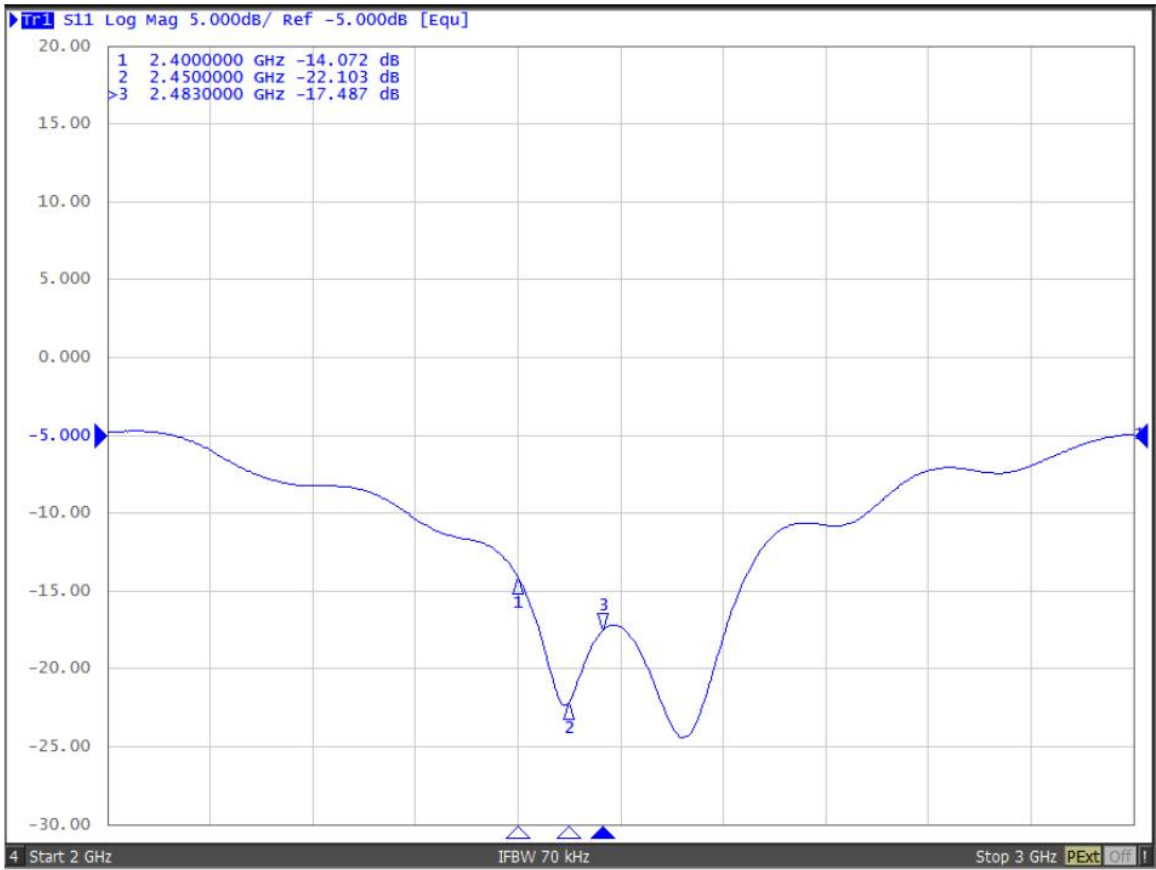
## 1. Antenna Structure



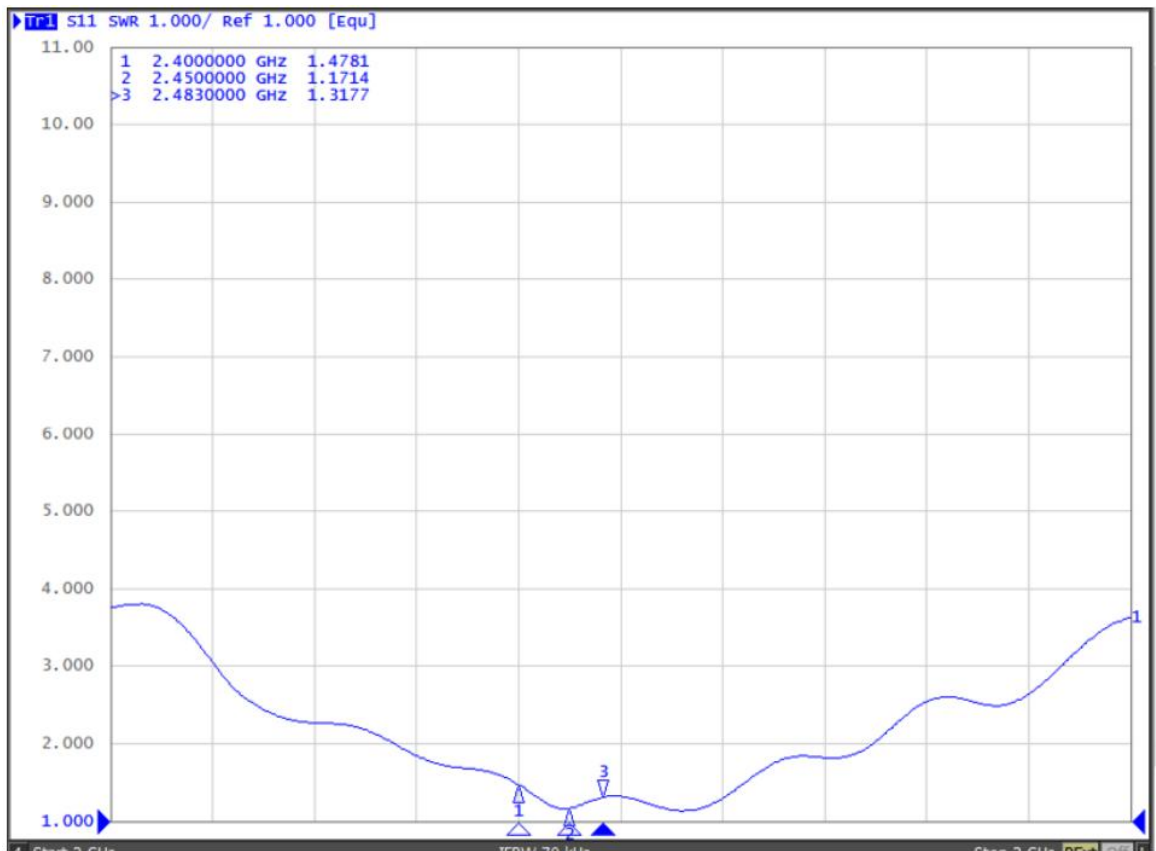
## 2. Antenna Text Fixture



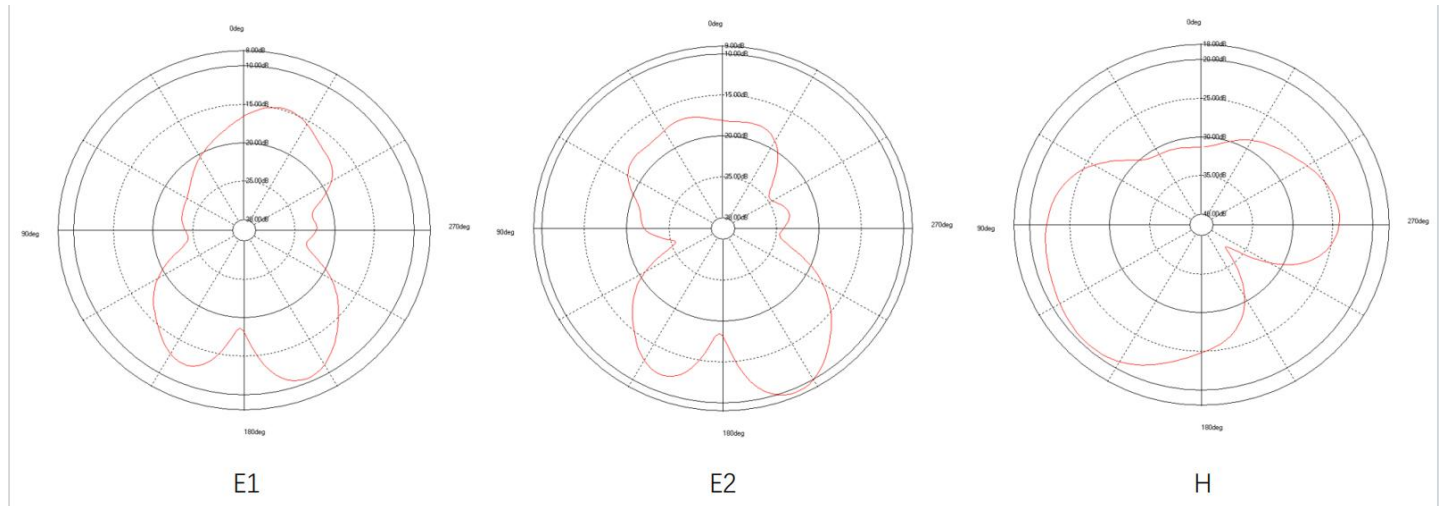
3. Return Loss



4. VSWR



## 5. Directional Diagram



## 6. Efficiency&Gain

| Frequency | Efficiency | Efficiency . dB | Gain . dB |
|-----------|------------|-----------------|-----------|
| 2400      | 3.3%       | -14.8           | -9.7      |
| 2410      | 3.3%       | -14.9           | -9.7      |
| 2420      | 3.2%       | -14.9           | -9.8      |
| 2430      | 3.2%       | -15.0           | -9.9      |
| 2440      | 3.2%       | -15.0           | -9.9      |
| 2450      | 3.2%       | -14.9           | -9.9      |
| 2460      | 3.2%       | -15.0           | -10.0     |
| 2470      | 3.1%       | -15.0           | -10.1     |
| 2480      | 3.1%       | -15.1           | -10.2     |
| 2490      | 3.0%       | -15.3           | -10.3     |
| 2500      | 2.9%       | -15.4           | -10.4     |

Antenna Photo & Length (mm)

