

Shenzhen Toplink Technology Co., LTD

1st, 2nd and 4th floors of Building A2 and 1st, 2nd, 3rd and 4th floors of
Building A3, Zhengfeng Industrial Park, No. 610, Fengtang Avenue,
Zhancheng Community, Fuhai Sub-district, Bao 'an District, Shenzhen
City

U13 BT Antenna Specifications

U13 蓝牙天线 规格书

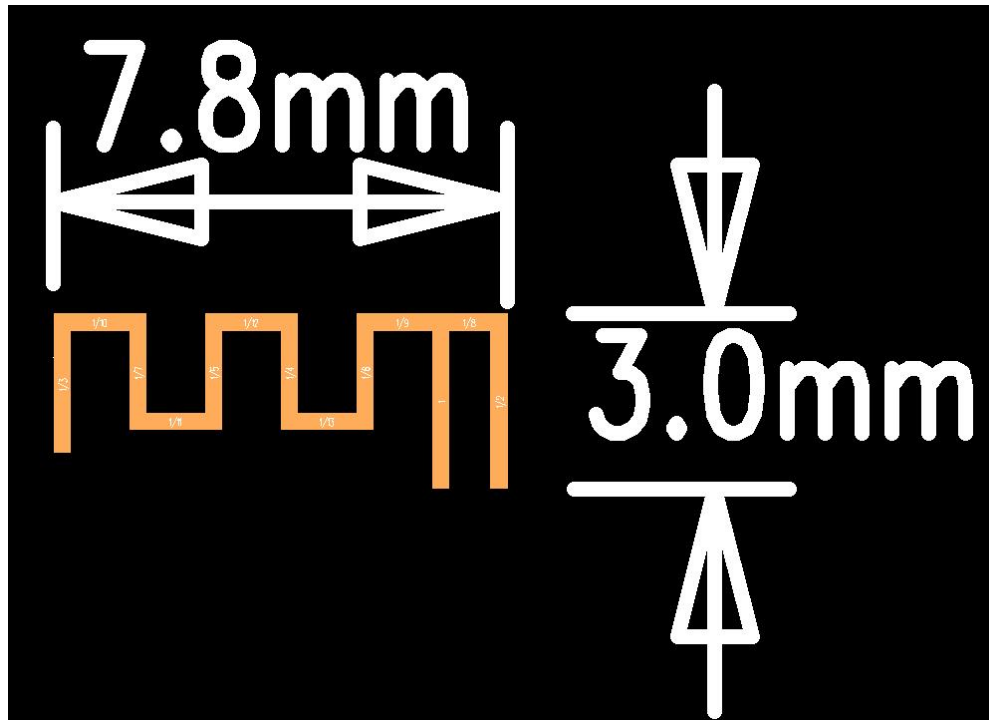
APplication (型号)

※Bluetooth Home RF (蓝牙天线)

※ISM band 2.4GHz (频率 2.4GHz)

Applications (参数)

1. Dimension (尺寸)



2. Specifications (规格)

Number (序号)	Item (项目)	Specifications (规格)
1	Working central Frequency (工作频率)	2450 MHz
2	Band width (带宽)	(2402-2480)MHz
3	Gain (增益)	2.15dBi
4	VSWR (驻波比)	≤ 3.0
5	Antenna type (天线材料)	PCB
6	Azimuth beam width (天线 方向)	Omni - directional (全 向性)
7	Impedance (阻抗)	50 R

3. Antenna Information (天线信息)

- Antenna Type (天线材料): PCB 自带板载天线
Antenna (天线图)



4. Antenna Return Loss (天线回波损耗)

4.1 Antenna S11 (天线 S11)

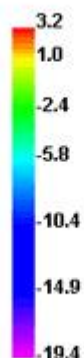
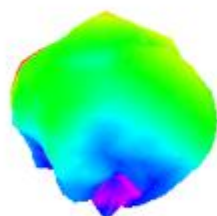


4.2 Antenna DATA (天线数据)

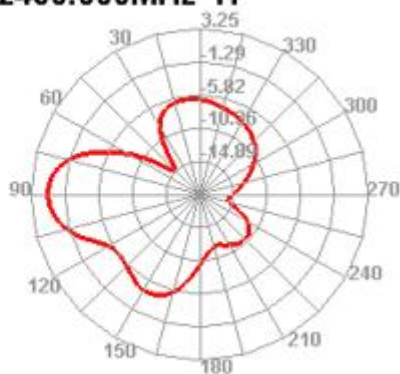
天线效率

Gain&Efficiency 增益和效率		
frequency 频率(Hz)	gain 增益(dB)	efficiency 效率
2400M	1.68	35.22%
2410M	1.70	36.92%
2420M	1.72	38.71%
2430M	1.73	38.98%
2440M	1.74	39.53%
2450M	1.75	40.11%
2460M	1.83	41.13%
2470M	1.96	42.33%
2480M	2.15	43.18%

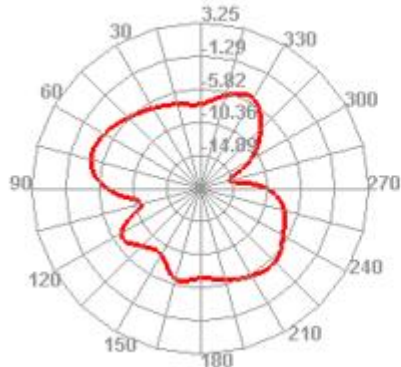
2450.000MHz



2450.000MHz H



2450.000MHz E1



2450.000MHz E2

