

Antenna Specification

Manufacture : TUYA

Product Name : CB2L Antenna

Antenna Type : PCB

Test Date : 2020.11.24

Tested by : Yin Hua Zhang

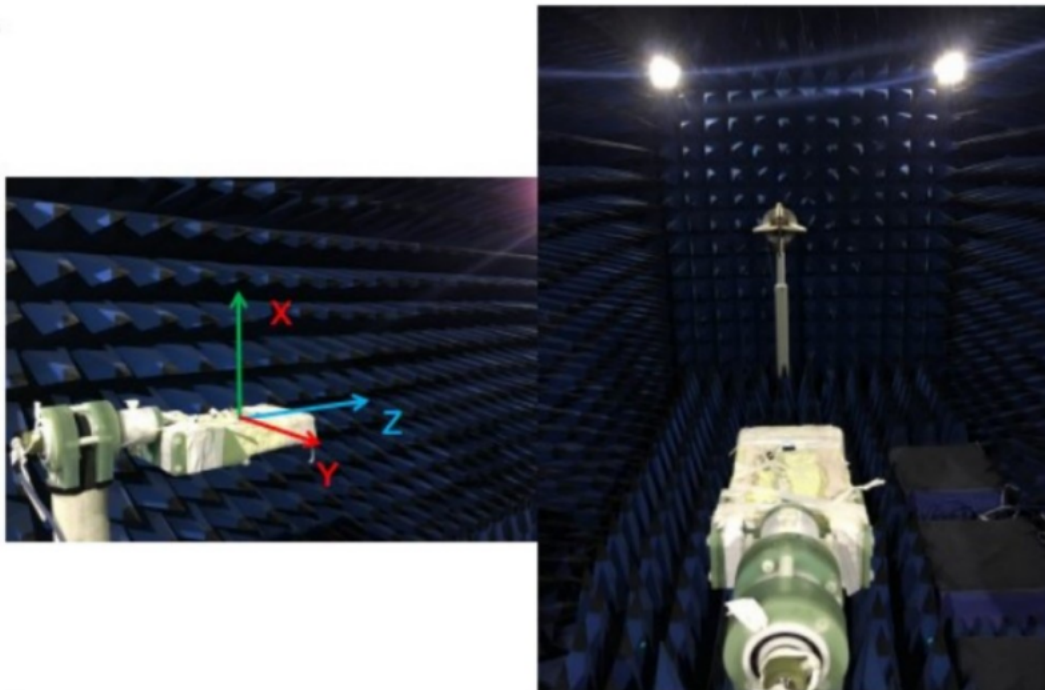
Approved by : Li cco

CB2L Antenna Specification

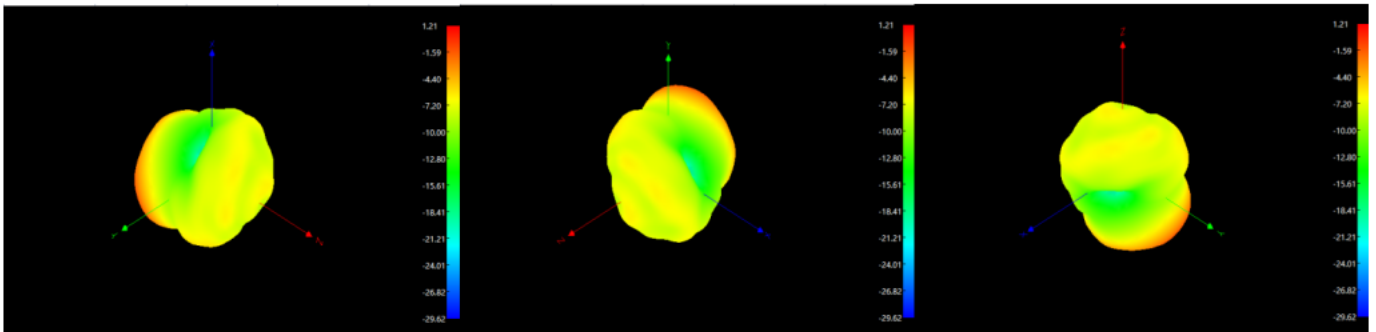
1. Antenna Information

| | |
|--------------|---|
| Manufacturer | Hangzhou Tuya Information Technology Co., Ltd |
| Model | CB2L |
| Type | PCB |
| Gain | 1.94dBi |

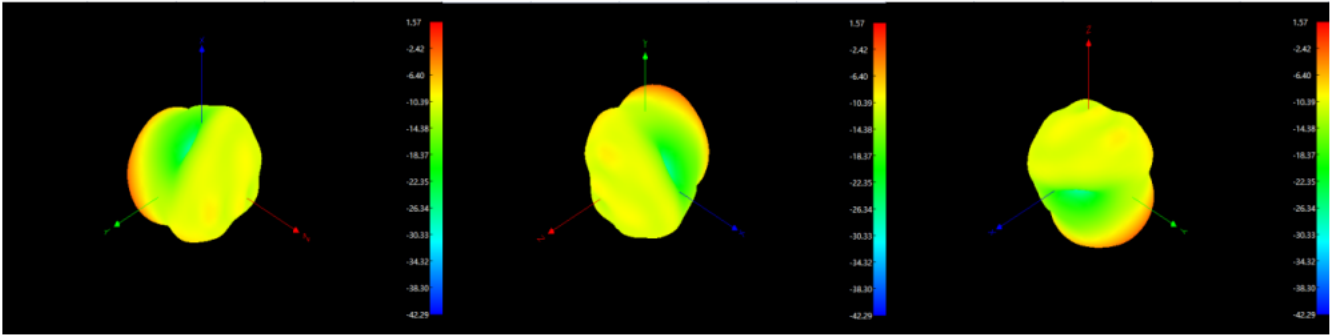
2. Radiation Pattern



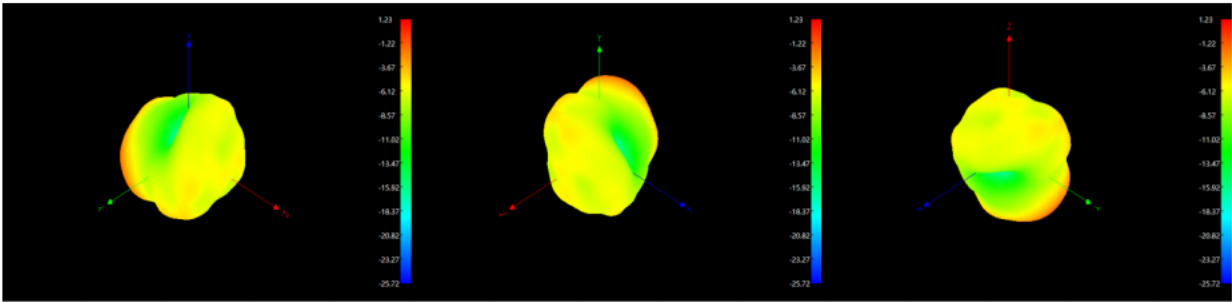
2400MHz



2450MHz



2500MHz



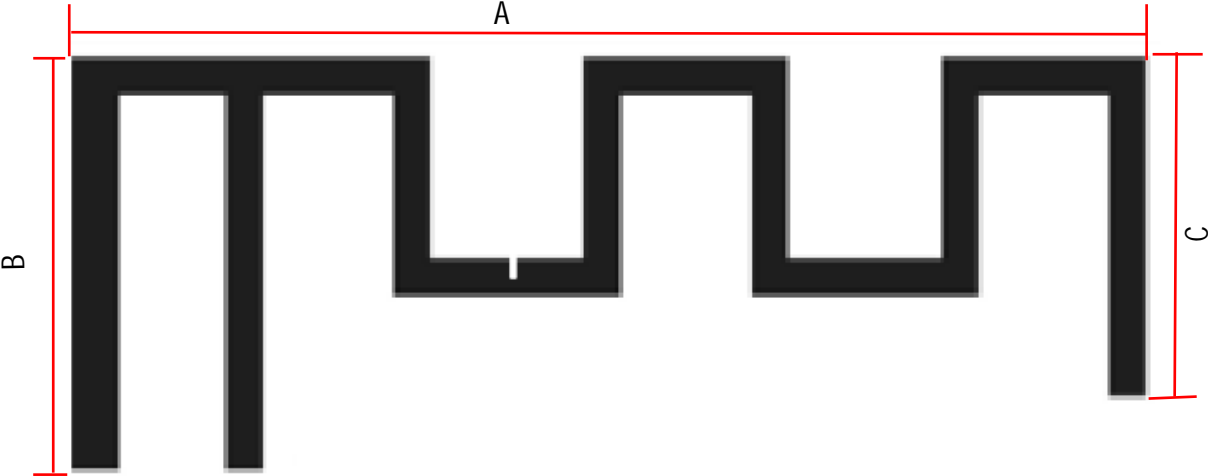
3. Gain table of Antenna

| Frequency / MHz | Gain/ dBi | Efficiency / % |
|-----------------|-----------|----------------|
| 2400 | 1.21 | 31.99 |
| 2410 | 1.2 | 32.06 |
| 2420 | 1.31 | 31.62 |
| 2430 | 1.43 | 31.99 |
| 2440 | 1.69 | 33.73 |
| 2450 | 1.57 | 33.11 |
| 2460 | 1.9 | 34.28 |
| 2470 | 1.94 | 33.96 |
| 2480 | 1.58 | 32.21 |
| 2490 | 1.69 | 32.28 |
| 2500 | 1.23 | 29.38 |

4. PCB photo



5. Antenna Dimensions



A: $15 \pm 0.35\text{mm}$; B: $5.6 \pm 0.35\text{mm}$; C: $4.6 \pm 0.35\text{mm}$