

Antenna Specification

Manufacture : TUYA

Product Name : CB2L Antenna

Antenna Type : PCB

Test Date : 2020.11.24

Tested by : Yin Hua Zhang

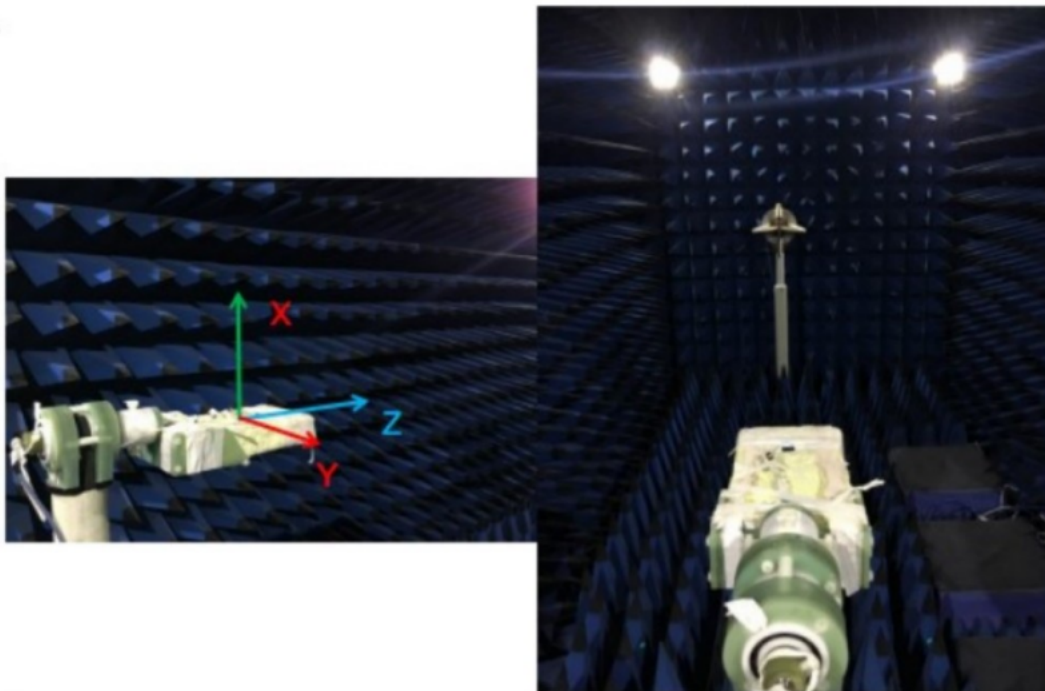
Approved by : Li cco

CB2L Antenna Specification

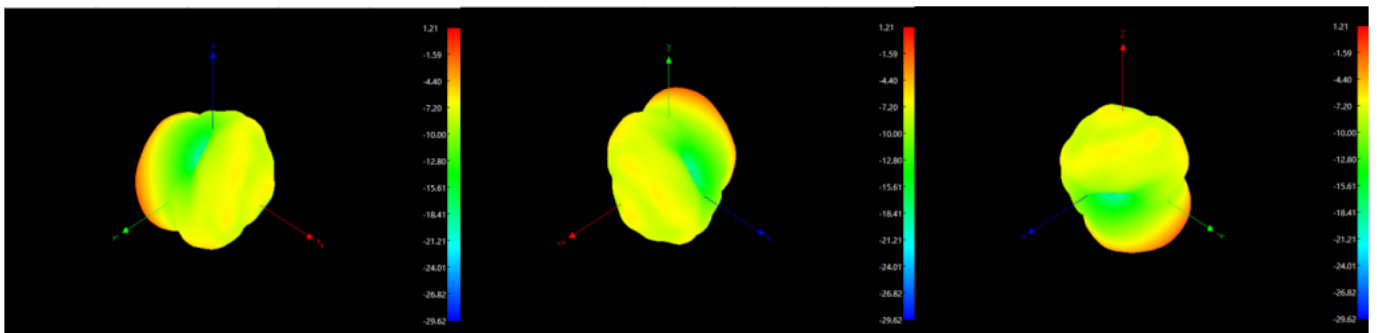
1. Antenna Information

Manufacturer	Hangzhou Tuya Information Technology Co., Ltdd
Model	CB2L
Type	PCB
Gain	1.9dBi

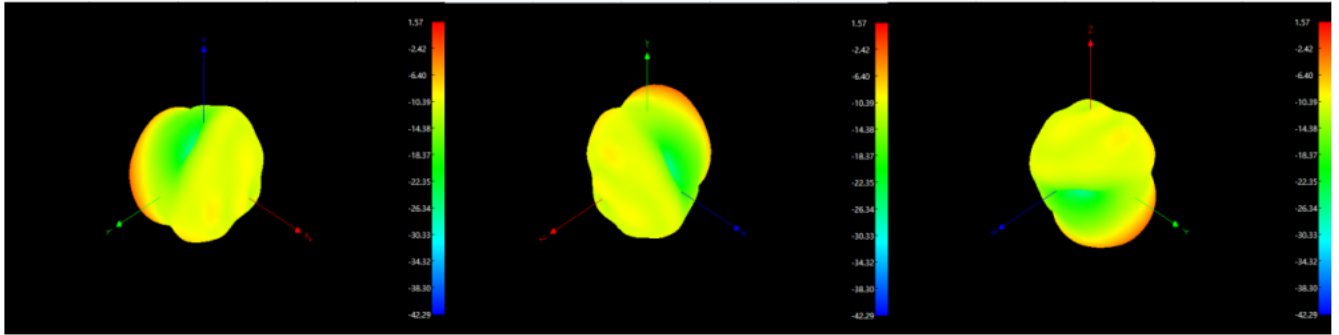
2. Radiation Pattern



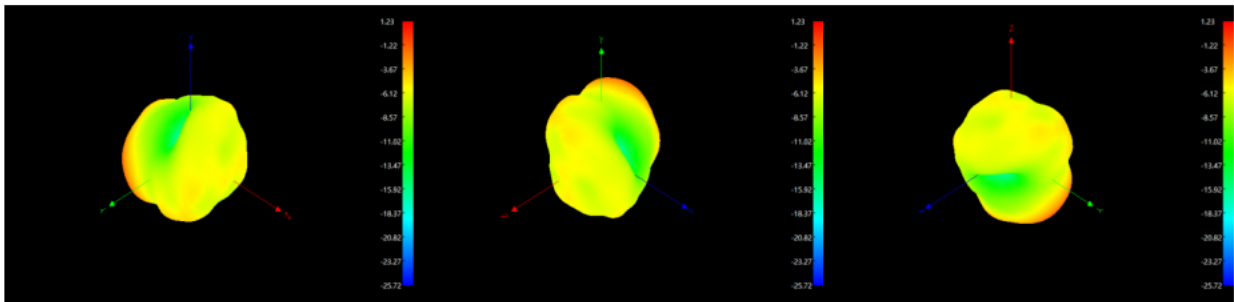
2400M:



2450MHz



2500MHz



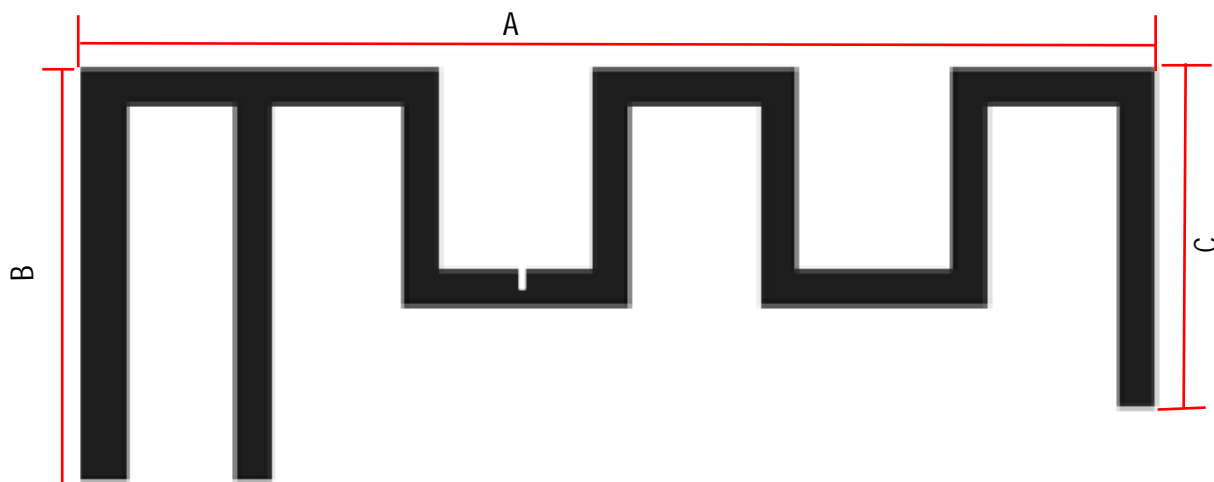
3. Gain table of Antenna

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: $4.6 \pm 0.35\text{mm}$