

TEST REPORT

Product Name : Bluetooth voice remote control

Brand Mark : N/A

Model No. : AN2301B-0KG-003 **Extension model** : AN2301B-0KG-001 **FCC ID** : 2AN9IU6-AN2301B

: BLA-EMC-202206-A7403 **Report Number**

Date of Sample Receipt : 2022/6/20

Date of Test : 2022/6/20 to 2022/6/30

Date of Issue : 2022/6/30

47 CFR Part 1.1307, Part 2.1093, KDB Test Standard

447498 **Test Result** : Pass

Prepared for:

Dongguan Anycon Intelligent Technology Co.,Ltd No12, LiminRoad, jinxiaotangIndustrialPark, Fenggang, Dongguan, **Guangdong China**

Prepared by:

BlueAsia of Technical Services(Shenzhen) Co.,Ltd. Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China

TEL: +86-755-23059481

Compiled by: Josu
Approved by:

Blue Thony

Review by:

Date:







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REPORT REVISE RECORD

| Version No. | Date | Description | |
|-------------|-----------|-------------|--|
| 00 | 2022/6/30 | Original | |



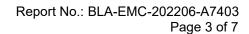




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1 TEST SUMMARY

| Test item | Test Requirement | Test Method | Class/Severity | Result |
|-------------|---|-----------------------|--------------------|--------|
| RF Exposure | 47 CFR Part 1.1307, Part 2.1093, KDB 447498 | CFR 47 Part 2.1093 | CFR 47 Part 2.1093 | Pass |





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2 GENERAL INFORMATION

| Applicant | Dongguan Anycon Intelligent Technology Co.,Ltd | | |
|-----------------|---|--|--|
| Address | No12, LiminRoad, jinxiaotangIndustrialPark, Fenggang, Dongguan, Guangdong China | | |
| Manufacturer | Dongguan Anycon Intelligent Technology Co.,Ltd | | |
| Address | No12, LiminRoad, jinxiaotangIndustrialPark, Fenggang, Dongguan, Guangdong China | | |
| Factory | Dongguan Anycon Intelligent Technology Co.,Ltd | | |
| Address | No12, LiminRoad, jinxiaotangIndustrialPark, Fenggang, Dongguan, Guangdong China | | |
| Product Name | Bluetooth voice remote control | | |
| Test Model No. | AN2301B-0KG-003 | | |
| Extension model | AN2301B-0KG-001 | | |
| Note | All above models are identical in the same PCB layout, interior structure and electrical circuits. The differences are model name for commercial purpose. | | |

3 GENERAL DESCRIPTION OF E.U.T.

| Hardware Version | V01 |
|----------------------|----------------------------------|
| Software Version | V0.0.9 |
| Operation Frequency: | 2402MHz-2480MHz |
| Modulation Type: | GFSK |
| Channel Spacing: | 2MHz |
| Number of Channels: | 40 |
| Antenna Type: | PCB Antenna |
| Antenna Gain: | 1dBi (Provided by the applicant) |



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4 LABORATORY LOCATION

All tests were performed at:

BlueAsia of Technical Services(Shenzhen) Co., Ltd.

Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province,

China

Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673

No tests were sub-contracted.





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5 RF EXPOSURE COMPLIANCE REQUIREMENT

5.1 STANDARD REQUIREMENT

According to KDB447498D01 General RF Exposure Guidance v06

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

5.2 LIMITS

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is \leq 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is \leq 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

5.3 EUT RF EXPOSURE

| Operational Mode: BLE | | | | | | |
|---|----------------------------|------------------------|-----------------------|------|------------|-----------|
| Channel | Maximum Peak nel Conducted | Tune up tolerance (dB) | Maximum tune-up Power | | Calculated | Exclusion |
| Grianner | Output Power (dBm) | | (dBm) | (mW) | value | threshold |
| 2402 MHz | 3.125 | ±1 | 4.125 | 2.59 | 0.80 | 2.0 |
| 2442 MHz | 2.894 | ±1 | 3.894 | 2.45 | 0.77 | 3.0 |
| 2480 MHz | 3.899 | ±1 | 4.899 | 3.09 | 0.97 | 1 |
| Conclusion: the calculated value ≤3.0, SAR is exempted. | | | | | | |

----END OF REPORT----

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