TEST REPORT

Product Name	:	Bluetooth voice remote control
Brand Mark	:	N/A
Model No.	:	AN4806-0KG-001
Extension model	:	AN4806-0KG-002, AN4806-0KG-003, AN4806-0KG-004, AN4806-0KG-005, AN4806-0KG-006, AN4806-0KG-007
FCC ID	:	2AN9IU6-AN4806
Report Number	:	BLA-EMC-202205-A3803
Date of Sample Receipt	:	2022/5/13
Date of Test	:	2022/5/13 to 2022/5/26
Date of Issue	:	2022/5/26
Test Standard	:	47 CFR Part 1.1307, Part 2.1093, KDB 447498
Test Result	:	Pass

Prepared for:

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

Prepared by:

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Date: 2022/5/26

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

REPORT REVISE RECORD

Version No.	Date	Description
00	2022/5/26	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

2 GENERAL INFORMATION

Applicant	Dongguan Anycon Intelligent Technologv Co.,Ltd
Address	No12,LiminRoad,jinxiaotangIndustrialPark,Fenggang,Dongguan,Guangdong, China
Manufacturer	Dongguan Anycon Intelligent Technologv Co.,Ltd
Address	No12,LiminRoad,jinxiaotangIndustrialPark,Fenggang,Dongguan,Guangdong, China
Factory	Dongguan Anycon Intelligent Technologv Co.,Ltd
Address	No12,LiminRoad,jinxiaotangIndustrialPark,Fenggang,Dongguan,Guangdong, China
Product Name	Bluetooth voice remote control
Test Model No.	AN4806-0KG-001
Extension model	AN4806-0KG-002, AN4806-0KG-003, AN4806-0KG-004, AN4806-0KG-005, AN4806-0KG-006, AN4806-0KG-007
Note	Their electrical circuit design, layout, components used and internal wiring are identical, only the Item number and color are different.

3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	V0.4
Software Version	V0.04

Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK
Channel Spacing:	2MHz
Number of Channels:	40
Antenna Type:	PCB Antenna
Antenna Gain:	2dBi(Provided by the applicant)

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.

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)] · [√f(GHz)] ≤ 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 calculation[17]

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 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 Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power		Calculated value	Exclusion threshold
			(dBm)	(mW)		
2402 MHz	2.243	±1	3.243	2.11	0.65	3.0
2442 MHz	1.168	±1	2.168	1.65	0.51	
2480 MHz	1.157	±1	2.157	1.64	0.52	
Conclusion: the calculated value ≤3.0, SAR is exempted.						

----END OF REPORT----