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Report Template Version: V04

Report Template Revision Date: 2018-07-06

TEST REPORT

Report No. : CQASZ20260100202E-06
Applicant: iCarzone Inc.
Address of Applicant: 5101 Santa Monica Blvd Ste 8 Los Angeles, CA 90029 United States
Equipment Under Test (EUT):
EUT Name: PROFESSIONAL MULTI-SYSTEM CAR DIAGNOSTIC TOOL
Model No.: JU2000
Test Model No.: JU2000
Brand Name: 
FCC ID: 2BMNZ-JU2000
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-01-23
Date of Test: 2026-01-23 to 2026-04-03
Date of Issue: 2026-6-3
Test Result : **PASS**

Tested By: Lewis Zhou
(Lewis Zhou)

Reviewed By: Timo Lei
(Timo Lei)

Approved By: Jack Ai
(Jack Ai)



The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.

1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260100202E-06	Rev.01	Initial report	2026-6-3

2. Contents

1. VERSION	2
2. CONTENTS	3
3. GENERAL INFORMATION	4
4. CLIENT INFORMATION	4
5. GENERAL DESCRIPTION OF EUT	4
6. GENERAL DESCRIPTION OF BLE	4
7. GENERAL DESCRIPTION OF BT	4
8. GENERAL DESCRIPTION OF 2.4G WIFI CLASSIC	5
RF EXPOSURE EVALUATION	6
RF EXPOSURE COMPLIANCE REQUIREMENT	6
<i>Standard Requirement</i>	6
<i>Limits</i>	6
<i>EUT RF Exposure</i>	7

3. General Information

4. Client Information

Applicant:	iCarzone Inc.
Address of Applicant:	5101 Santa Monica Blvd Ste 8 Los Angeles,CA 90029 United States
Manufacturer:	iCarzone Inc.
Address of Manufacturer:	5101 Santa Monica Blvd Ste 8 Los Angeles,CA 90029 United States
Factory:	Dongguan Yongdong Electronic Technology Co.,Ltd
Address of Factory:	No. 10, 4th Street, Zhangyang Fuzhu Industrial Zone, Zhangmutou town, Dongguan City

5. General Description of EUT

Product Name:	PROFESSIONAL MULTI-SYSTEM CAR DIAGNOSTIC TOOL
Model No.:	JU2000
Test Model No.:	JU2000
Trade Mark:	
Software Version:	System Version:V1.03
Hardware Version:	X70S1S-V2
Power Supply:	Li-ion battery DC 3.8V 10000mAh, Charge by DC 5V for adapter Adapter: Model No:FX2U-050200U Input:100-240V~50/60Hz 0.5A Output:5.0V=3.0A
Simultaneous Transmission	☒ Simultaneous TX is supported and evaluated in this report. ☐ Simultaneous TX is not supported.

6. General Description of BLE

Operation Frequency:	2402MHz~2480MHz
Modulation Type:	GFSK
Transfer Rate:	1Mbps
Number of Channel:	40
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Antenna Type:	FPC antenna
Antenna Gain:	2.15dBi

7. General Description of BT

Operation Frequency:	2402MHz~2480MHz
Modulation Type:	GFSK, $\pi/4$ DQPSK, 8DPSK
Transfer Rate:	1Mbps/2Mbps/3Mbps
Number of Channel:	79

Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Antenna Type:	FPC antenna
Antenna Gain:	2.15dBi
8. General Description of 2.4G WIFI Classic	
Operation Frequency:	2412MHz~2462MHz
Type of Modulation:	IEEE for 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE for 802.11g : OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE for 802.11n(HT20 and HT40) : OFDM (64QAM, 16QAM, QPSK, BPSK)
Number of Channel:	IEEE 802.11b/g, IEEE 802.11n HT20: 11 Channels IEEE 802.11n HT40: 7 Channels
Channel Separation:	5MHz
Transfer Rate:	IEEE for 802.11b: 1Mbps/2Mbps/5.5Mbps/11Mbps IEEE for 802.11g : 6Mbps/9Mbps/12Mbps/18Mbps/24Mbps/36Mbps/48Mbps/54Mbps IEEE for 802.11n(HT20) : 6.5Mbps/13Mbps/19.5Mbps/26Mbps/39Mbps/52Mbps/58.5Mbps/65Mbps IEEE for 802.11n(HT40) : 13.5Mbps/27Mbps/40.5Mbps/54Mbps/81Mbps/108Mbps/121.5Mbps/135Mbps
Sample Type:	☐ Mobile ☒ Portable
Antenna Type:	FPC antenna
Antenna Gain:	2.15dBi

RF Exposure Evaluation

RF Exposure Compliance Requirement

Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

4.3.1. 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.

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:

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

$f(\text{GHz})$ 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 ≤ 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

EUT RF Exposure

1) For BT

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	1.84	2.0±1	3	2.00
Middle(2441MHz)	2.52	3.0±1	4	2.51
Highest(2480MHz)	2.12	2.5±1	3.5	2.24

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.995	0.618	3.0
Middle (2441MHz)	2.512	0.785	
Highest (2480MHz)	2.239	0.704	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260100202E-01

2) For BLE

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-2.36	-2.0±1	-1	0.794
Middle(2440MHz)	-0.56	-0.5±1	0.5	1.122
Highest(2480MHz)	-0.72	-0.5±1	0.5	1.122

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	0.794	0.246	3.0
Middle (2440MHz)	1.122	0.351	
Highest (2480MHz)	1.122	0.353	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260100202E-02

3) For 2.4G WIFI

Measurement Data

Worst case: 11B				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2412MHz)	1.10	1.5±1	2.5	1.778
Middle(2437MHz)	2.40	2.5±1	3.5	2.239
Highest(2462MHz)	2.49	2.5±1	3.5	2.239

Worst case: 11B			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2412MHz)	1.778	0.552	3.0
Middle (2437MHz)	2.239	0.699	
Highest (2462MHz)	2.239	0.703	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted AV Output Power data refer to report Report No.: CQASZ20260100202E-03

Simultaneous transmission:

SAR Exclusion Threshold=

$[(\text{max. power of channel, including tune-up tolerance, mW}) /$

$(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$

BT+125Khz:

$= [(2.512\text{mW}/5\text{mm}) \cdot (\sqrt{2.441\text{GHz}/7.5})] / 1.6\text{W/kg} + 55.1\text{V/m}/614\text{V/m}$

$= 0.16 \leq 1$

*** END OF REROPT ***