SPOT CHECK EVALUATION

FCC ID	:	**2ARGE-7432**
Equipment	:	**Digital Media Receiver**
Model Name	:	**O2T2V3**
Applicant	:	**Flake LLC** **4321 W. College Avenue; Suite 200** **Appleton, Wisconsin 54914**
Standard	:	**FCC Part 15 Subpart C §15.247** **FCC Part 15 Subpart E §15.407**

We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this spot check data report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

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History of this test report

Version	Description	Issued Date
01	Initial issue of report	Jan. 17, 2022
02	Revise description in Section 1 and 2	Mar. 14, 2022

1. Introduction Section

Flake LLC will take full responsibility for reuse the test data.

Flake LLC, hereby declares that the WLAN/Bluetooth Chip MT7668 (WLAN Ant. 0/1 and Bluetooth) and Zigbee hardware of 2ARGE-7432 are HW identical to 2ARGE-6383 (lead). In addition, 2ARGE-7432 digital circuit is identical to 2ARGE-6383 (lead). Therefore the following report of 2ARGE-6383 (lead) may be used as reference test data for 2ARGE-7432, along with the spot check verification data following the FCC KDB 484596 D01 v01.

- WLAN/Bluetooth Chip MT7668 (WLAN Ant. 0/1 and Bluetooth)
- Zigbee

2. Model Difference Information

Difference between 2ARGE-6383 (lead) and 2ARGE-7432:

Flake LLC, hereby declares that 2ARGE-6383 (lead) and 2ARGE-7432 are electrical identical except 2ARGE-7432 has removed WLAN MT7658 (WLAN Ant 2). Therefore the WLAN/Bluetooth Chip MT7668 (WLAN Ant. 0/1 and Bluetooth)/Zigbee report/data of 2ARGE-6383 (lead) may represent for 2ARGE-7432.

3. Spot Check Verification Data Section

Conducted power test and radiated spurious emission test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

Summary for power and RSE spot check for each rule entry and technology is listed as below:

Test Item	Mode	2ARGE-6383 (lead) Worst Result	2ARGE-7432 Worst Result	Difference (dB)
Average Conducted Power (dBm)	BT	7.26	6.91	0.35
	BLE	7.1	6.9	0.2
	Zigbee	15.6	15.5	0.1
	WLAN 2.4G	21.31	20.93	0.38
	WLAN 5G	21	20.82	0.18
Average Radiated Spurious Emission (Band Edge) (dBuV/m)	BT	25.74	26	-0.26
	BLE	49.93	50.13	-0.2
	Zigbee	52.81	52.96	-0.15
	WLAN 2.4G	53.32	52.13	1.19
	WLAN 5G	53.46	52.61	0.85
Peak Radiated Spurious Emission (Harmonic) (dBuV/m)	BT	53.89	45.31	8.58
	BLE	53.82	45.71	8.11
	Zigbee	54.88	47.11	7.77
	WLAN 2.4G	57.33	47.14	10.19
	WLAN 5G	67.55	66.56	0.99

Conclusion:

Radiated spurious emission test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

Based on the spot check test result, the test data from the original model is representative for the variant model. The power level and RSE spot check are shown within expected level compliant to limit line.

We are using power measurements from the original parent model reports to list on the grant.

UNII DFS detection mechanism/software of variant model is the same as original model, thus the original DFS report is being reused and no spot check is done on the variant model.

We confirm that the test data reuse policy of FCC KDB 484596 D01 Referencing Test Data v01 has been followed and take full responsibility that the test data as referenced rom the parent model report represents compliance for the new FCC ID.

4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Frequency Band (MHz)	Reference FCC ID (Parent)	Type Grant/ Permissive Change	Reference Title	FCC ID Filling (Variant)
15C	DSS	Bluetooth	2400~2483.5	2ARGE-6383	Original Grant	FR8O0521-02A	2ARGE-7432
	DTS	BLE WLAN Ant.0/1 Zigbee	2400~2483.5	2ARGE-6383	Original Grant	FR8O0521-02B FR8O0521-02C FR8O0521-02D	2ARGE-7432
15E	NII	WLAN Ant.0/1	5150~5250 5250~5350 5470~5725 5725~5850	2ARGE-6383	Original Grant	FR8O0521-02E FR8O0521-02F	2ARGE-7432
		DFS	5250~5350 5470~5725	2ARGE-6383	Original Grant	FZ8O0521-02	2ARGE-7432

END of this report