SPOT CHECK EVALUATION

FCC ID	:	**2AWRO-8767**
Equipment	:	**Wireless Tablet**
Model Name	:	**T76N2P**
Applicant	:	**Abyssal Plain LLC** **CASTLE HILLS** **1100 NW LOOP 410, SUITE 700,** **SAN ANTONIO, TEXAS, 78213**
Standard	:	**FCC Part 15 Subpart C §15.247** **FCC Part 15 Subpart E §15.407**

We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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 report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

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TABLE OF CONTENTS

History of this test report

Version	Description	Issued Date
01	Initial issue of report	Mar. 03, 2021
02	Revise conclusion description in section 3	Mar. 11, 2021

1. Introduction Section

Abyssal Plain LLC will take full responsibility for reuse the test data.

Abyssal Plain LLC, hereby declares that the WLAN and Bluetooth hardware of 2AWRO-8767 are HW identical to 2AWRO-8762 (lead). In addition, 2AWRO-8767 digital circuit is identical to 2AWRO-8762 (lead). Therefore the following report of 2AWRO-8762 (lead) may be used as reference test data for 2AWRO-8767, along with the spot check verification data following the FCC KDB 484596 D01 v01.

- WLAN
- Bluetooth

2. Model Difference Information

Difference between 2AWRO-8762 (lead) and 2AWRO-8767:

Abyssal Plain LLC, hereby declares that 2AWRO-8762 (lead) and 2AWRO-8767 are electrical identical except 2AWRO-8767 has the WPC receiver function. Therefore the WLAN/Bluetooth report/data of 2AWRO-8762 (lead) may represent for 2AWRO-8767.

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	2AWRO-8762 (lead) Worst Result	2AWRO-8767 Worst Result	Difference (dB)
Average Conducted Power (dBm)	BT	7.67	7.65	0.02
	BLE	7.7	7.6	0.1
	WLAN 2.4G	15.2	15.2	0
	WLAN 5G	13.8	13.8	0
Average Radiated Spurious Emission (Band Edge) (dBuV/m)	BT	20.41	20.64	-0.23
	BLE	46.56	46.13	0.43
	WLAN 2.4G	52.97	50.63	2.34
	WLAN 5G	53.45	53.01	0.44
Peak Radiated Spurious Emission (Harmonic) (dBuV/m)	BT	44.05	43.67	0.38
	BLE	44.09	44.11	-0.02
	WLAN 2.4G	54.4	54.23	0.17
	WLAN 5G	52.59	51.88	0.71

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 and ERP/EIRP 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.

SAR testing has been fully tested on the variant model.

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	2AWRO-8762	Original Grant	FR072932-01A	2AWRO-8767
	DTS	BLE Wi-Fi	2400~2483.5	2AWRO-8762	Original Grant	FR072932-01B FR072932-01C	2AWRO-8767
15E	NII	Wi-Fi	5150~5250 5250~5350 5470~5725 5725~5850	2AWRO-8762	Original Grant	FR072932-01E FR072932-01F	2AWRO-8767
		DFS	5250~5350 5470~5725	2AWRO-8762	Original Grant	FZ072932-01	2AWRO-8767

END of this report