SPOT CHECK EVALUATION

FCC ID	:	**2ATUQ-6698**
Equipment	:	**Tablet**
Model Name	:	**K72LL4**
Applicant	:	**Mangled Horses LLC** **225 Wilmington-West Chester Pike,** **Suite 202 Chadds Ford, PA 19317**
Standard	:	**FCC Part 15 Subpart C §15.247** **FCC Part 15 Subpart E §15.407**

The product was received on Nov. 12, 2019 and testing was started from Nov. 12, 2019 and completed on Feb. 28, 2020. 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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.

Jones Tsai

Approved by: Jones Tsai

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History of this test report

Version	Description	Issued Date
01	Initial issue of report	Jan. 15, 2020
02	Added spot-check test data compared table.	Jan. 20, 2020
03	Revised completed date by adding Bluetooth-LE 2Mbps BW test	Mar. 10, 2020
04	Added BT5.0 spot-check test data compared table.	Mar. 12, 2020

1. Introduction Section

Mangled Horses LLC will take full responsibility for reuse the test data.

Mangled Horses LLC, hereby declares that the WLAN and Bluetooth hardware of 2ATUQ-6698 are HW identical to 2ATUQ-6699 (lead). In addition, 2ATUQ-6698 digital circuit is identical to 2ATUQ-6699 (lead). Therefore the following report of 2ATUQ-6699 (lead) may be used as reference test data for 2ATUQ-6698, along with the spot check verification data following the FCC KDB 484596 D01 v01.

- WLAN
- Bluetooth

2. Difference Section

Difference between 2ATUQ-6699 (lead) and 2ATUQ-6698:

Mangled Horses LLC, hereby declares that 2ATUQ-6699 and 2ATUQ-6698 are electrical identical except 2ATUQ-6699 has the WPC receiver function. Therefore the WLAN/Bluetooth report/data of 2ATUQ-6699 (lead) may represent for 2ATUQ-6698.

3. Spot Check Verification Data Section

Conducted power, AC Conducted Emission 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 and the verification test results were consistence with the original FCC ID. Detail spot check test result can be found in the variant model report, please refer to detail section table in section 4.

Summary of the spot check:

Test Item	Mode	2ATUQ-6699 (lead) Worst Result	2ATUQ-6698 Worst Result	Difference (dB)
Average Conducted Power (dBm)	BT3.0	7	6.88	0.12
	BT4.1	-2	-2	0
	BT5.0	-1.8	-2.2	0.4
	WLAN 2.4G	15.2	15.1	0.1
	WLAN 5G	14.2	13.7	0.5
Average Radiated Spurious Emission (Band Edge) (dBuV/m)	BT3.0	21.28	20.78	0.5
	BT4.1	45.59	45.3	0.29
	BT5.0	44.88	44.5	0.38
	WLAN 2.4G	50.5	50.69	-0.19
	WLAN 5G	46.37	45.78	0.59
Peak Radiated Spurious Emission (Harmonic) (dBuV/m)	BT3.0	44.88	44.72	0.16
	BT4.1	38.4	38.25	0.15
	BT5.0	42.09	42.06	0.03
	WLAN 2.4G	50.92	49.07	1.85
	WLAN 5G	50.96	49.33	1.63

4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Frequency Band (MHz)	Original FCC ID	Original Report	Variant Model FCC ID	Variant Model Report
15C	DTS	Bluetooth – LE WLAN	2400 – 2483.5	2ATUQ-6699	Part 15C (FR982217-01B, FR982217-01C)	2ATUQ-6698	Part 15C (FR982217-02B, FR982217-02C)
	FHSS	Bluetooth	2400 – 2483.5	2ATUQ-6699	Part 15C (FR982217-01A)	2ATUQ-6698	Part 15C (FR982217-02A)
15E	U-NII	WLAN	5150 – 5250 5250 – 5350 5470 – 5725 5725 - 5850	2ATUQ-6699	Part 15E (FR982217-01D, FR982217-01E, FZ982217-01)	2ATUQ-6698	Part 15E (FR982217-02D, FR982217-02E, FZ982217-02)

END of this report