FCC TEST REPORT

For

Enterprise Tablet

Model Number: H1000

FCC ID: SWSH1000

Report Number : WT208001247

Test Laboratory	:	Shenzhen Academy of Metrology and Quality Inspection
Site Location	:	NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China
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TEST REPORT DECLARATION

Applicant	:	UROVO TECHNOLOGY CO., LTD
Address	:	36F,High-Tech Zone Union Tower,No.63,Xuefu Road,Nanshan district,Shenzhen,Guangdong,China
Manufacturer	:	UROVO TECHNOLOGY CO., LTD
Address	:	36F,High-Tech Zone Union Tower,No.63,Xuefu Road,Nanshan district,Shenzhen,Guangdong,China
EUT Description	:	Enterprise Tablet
Model No	:	H1000
Trade mark	:	UROVO
FCC ID	:	SWSH1000

Test Standards:

FCC Part 2.1091 (2018)

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer:	(Zhou Li 周立)	Date:	Jul. 20, 2020
Checked by:	(Lin Yi Xiang 林奕翔)	Date:	Jul. 20, 2020
Approved by:	(Lin Bin 林斌)	Date:	Jul. 20, 2020

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1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	Test Results
RF Exposure	Pass

2. GENERAL INFORMATION

2.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

The sample/s mentioned in this report is/are supplied by Applicant, SMQ therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.

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The lab will not be liable for any loss or damage resulting for false, inaccurate, inappropriate or incomplete product information provided by the applicant/manufacturer.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China.

At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is Accredited Testing Laboratory of FCC with Designation number CN1165 and Site registration number 582918.

The Laboratory is registered to perform emission tests with Innovation, Science and Economic Development (ISED), and the registration number is 11177A.

3. PRODUCT DESCRIPTION

3.1.EUT Description

Table 2 Specification of the Equipment under Test

Product Type:	Enterprise Tablet
Hardware Version:	MP612-MainBoard-P2
Software Version :	MP612_T_01_022_EQ001
FCC ID:	SWSH1000
Frequency:	Wi-Fi 2.4G:2412MHz~2462MHz BT: 2402MHz~2480MHz
Type(s) of Modulation:	DSSS (DBPSK, DQPSK, CCK) for 802.11b OFDM (BPSK, QPSK, 16QAM, 64QAM) for 802.11g/n
Antenna Type:	BT: PIFA Antenna Wi-Fi 2.4G: PIFA Antenna
Operating voltage:	10V (Low)/12V (Nominal)/ 18V (Max)

4. RF EXPOSURE

4.1. LIMIT FOR MAXIMUM PERMISSIBLE EXPOSURE(MPE)

This product can be classified as mobile device, so the 20cm separation distance warning is required. In this section, the power density at 20cm location is calculated to examine if it is lower than the limit.

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm^2)	Averaging Time (minutes)
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f^2)	30
30–300	27.5	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

4.2. MPE Calculation Method

Power Density: Pd(Mw/cm^2)=P*G /4Pid^2

P=Peak RF output power (mW)

G=EUT Antenna numeric gain (numeric)

Pi=3.14

d=Separation distance between radiator and human body (cm)

4.3. CALCULATED RESULT

WLAN 802.11b

P=21.19dBm (max: 131.52mW)

G=0.5dBi (numeric:1.12)

d=20cm

Pd=131.52*1.12/4*3.14*400=0.029<1

WLAN 802.11g

P=23.21dBm (max: 209.41mW)

G=0.5dBi (numeric: 1.12)

d=20cm

Pd=209.41*1.12/4*3.14*400=0.047<1

WLAN 802.11HT20

P=24.10dBm (max: 257.04mW)

G=0.5dBi (numeric: 1.12)

d=20cm

Pd=257.04*1.12/4*3.14*400=0.057<1

WLAN 802.11HT40

P=23.89dBm (max: 244.91mW)

G=0.5dBi (numeric: 1.12)

d=20cm

Pd=244.91*1.12/4*3.14*400=0.055<1

BT

P=9.84dBm (max: 9.64mW)

G=0.5dBi (numeric:1.12)

d=20cm

Pd=9.64*1.12/4*3.14*400=0.002<1

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