Shenzhen HTT Technology Co., Ltd.

RF Exposure MPE

Report Reference No.....:	**HTT202606198F03**
FCC ID..... :	**2BWQ7-V11**
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Date of issue .....:	Jun. 16, 2026
Testing Laboratory Name.....:	**Shenzhen HTT Technology Co.,Ltd.**
Address.....:	1F, Building B, Huafeng International Robotics Industrial Park, Hangcheng Road,Nanchang Community, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
Applicant's name.....:	**Xi'an Sandtable Technology Co., Ltd.**
Address.....:	Rm 402-74, N Tower, Bldg 10, Western Life Science Park, Fengdong New City Xi'an, Shaanxi China
Standard .....:	**47CFR §1.1310** **47CFR §2.1091** **KDB447498 D01 General RF Exposure Guidance v06**

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Test item description .....:	**OSCORE**
Manufacturer .....:	Xi'an Sandtable Technology Co., Ltd.
Trade Mark	N/A
Model/Type reference .....:	V1.1
Rating .....:	Input: DC 9V-26V Type-C input: DC 5V
Result .....:	**PASS**

T E S T R E P O R T

Equipment under Test	:	OSCORE
Model /Type	:	V1.1
Listed Models	:	N/A
Applicant	**:**	**Xi'an Sandtable Technology Co., Ltd.**
Address	:	Rm 402-74, N Tower, Bldg 10, Western Life Science Park, Fengdong New City Xi'an, Shaanxi China
Manufacturer	**:**	**Xi'an Sandtable Technology Co., Ltd.**
Address	:	Rm 402-74, N Tower, Bldg 10, Western Life Science Park, Fengdong New City Xi'an, Shaanxi China

Test Result:	**PASS**

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1 TEST STANDARDS

The tests were performed according to following standards:

ANSI C95.1–1999: IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.
FCC KDB 447498 D01 General RF Exposure Guidance v06: Mobile and Portable Device, RF Exposure, Equipment Authorization Procedures.
FCC CFR 47 part1 1.1310: Radiofrequency radiation exposure limits.
FCC CFR 47 part2 2.1091: Radiofrequency radiation exposure evaluation: mobile devices

2 SUMMARY

2.1 General Remarks

Date of receipt of test sample	:	Jun. 02, 2026
Testing commenced on	:	Jun. 02, 2026
Testing concluded on	:	Jun. 16, 2026

2.2 Product Description

Product description:	OSCORE
Model/Type reference:	V1.1
Power supply:	Input: DC 9V-26V Type-C input: DC 5V
PC Information (Auxiliary test provided by the lab)	Model Name: Lenovo Air 13IWL Input: 20V⎓3.25A AC ADAPTER/ADAPTADOR CA/CC MODEL/MODELO: ADLX65NLC3A LENOVO PN: 5A10J40449 INPUT/ENTRADA: 100-240V ~1.8A 50-60Hz OUTPUT/SALIDA: 20V⎓3.25A
Testing sample ID：	HTT202606198-1# (Engineer sample) HTT202606198-2# (Normal sample)
Hardware version:	/
Software version:	/
WIFI :	
Supported type:	802.11b/802.11g/802.11n(HT20)/ 802.11n(HT40)
Modulation:	802.11b: DSSS 802.11g/802.11n(HT20)/ 802.11n(HT40): OFDM
Operation frequency:	802.11b/802.11g/802.11n(H20): 2412MHz~2462MHz 802.11n(H40): 2422MHz~2452MHz
Channel number:	802.11b/802.11g/802.11n(HT20): 11 802.11n(HT40):7
Channel separation:	5MHz
Antenna type:	External Antenna
Antenna gain:	3.68 dBi
Bluetooth BLE	
Supported type:	Bluetooth low Energy
Modulation:	GFSK
Operation frequency:	2402MHz to 2480MHz
Channel number:	40
Channel separation:	2 MHz
Bit Rate of Transmitter:	1Mbps
Antenna type:	External Antenna

Antenna gain:	3.68 dBi

2.3 Special Accessories

The following is the EUT test of the auxiliary equipment provided by the laboratory:

Description	Manufacturer	Model	Technical Parameters	Certificate	Provided by
/	/	/	/	/	/

2.4 Modifications

No modifications were implemented to meet testing criteria.

3 TEST ENVIRONMENT

3.1 Address of the test laboratory

Shenzhen HTT Technology Co.,Ltd.
1F, Building B, Huafeng International Robotics Industrial Park, Hangcheng Road,Nanchang Community, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 779513 Designation Number: CN1319
Shenzhen HTT Technology Co.,Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA-Lab Cert. No.: 6435.01
Shenzhen HTT Technology Co.,Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.

3.3 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01" Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 2 " and is documented in the Shenzhen HTT Technology Co.,Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.
Hereafter the best measurement capability for Shenzhen HTT Technology Co.,Ltd. :

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	9KHz~30MHz	3.12 dB	(1)
Radiated Emission	30~1000MHz	4.37 dB	(1)
Radiated Emission	1~18GHz	5.40 dB	(1)
Radiated Emission	18-40GHz	5.45 dB	(1)
Conducted Disturbance	0.15~30MHz	2.68 dB	(1)

4 Test limit

4.1 Requirement

Limits for Maximum Permissible Exposure (MPE)/Controlled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm^2)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	6
3.0 – 30	1842/f	4.89/f	($900/f^2$)*	6
30 – 300	61.4	0.163	1.0	6
300 – 1500	/	/	f/300	6
1500 – 100,000	/	/	5	6

Limits for Maximum Permissible Exposure (MPE)/Uncontrolled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm^2)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	30
3.0 – 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

F=frequency in MHz
*=Plane-wave equivalent power density

4.2 MPE Calculation Method

Predication of MPE limit at a given distance
Equation from page 18 of OET Bulletin 65, Edition 97-01

$S=PG/4\pi R^2$
Where: S=power density
P=power input to antenna
G=power gain of the antenna in the direction of interest relative to an isotropic radiator
R=distance to the center of radiation of the antenna

4.3 Conducted Power Results

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	
			ANT1	Limit
1M	SISO	2402	-0.94	<=30
		2440	-0.03	<=30
		2480	0.79	<=30
2M	SISO	2402	-0.87	<=30
		2440	0.08	<=30
		2480	0.6	<=30

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	
			ANT1	Limit
802.11b	SISO	2412	12.11	<=30
		2437	11.27	<=30
		2462	11	<=30
802.11g	SISO	2412	18.77	<=30
		2437	18.2	<=30
		2462	18.08	<=30
802.11n (HT20)	SISO	2412	18.69	<=30
		2437	18.14	<=30
		2462	18.02	<=30
802.11n (HT40)	SISO	2422	18.63	<=30
		2437	18.17	<=30
		2452	17.63	<=30

4.4 Manufacturing tolerance

Mode	Max. Peak Conducted Output Power (dBm)	Max. tune-up
BLE	0.79	1.0±1
2.4GWIFI	18.77	18.0±1

4.5 Standalone MPE Result

As declared by the Applicant, the EUT is a wireless device used in a fix application, at least 20 cm from any body part of the user or nearby persons; from the maximum EUT RF output power, the minimum separation distance, r =20cm, as well as the gain of the used antenna is refer to section 2.2, the RF power density can be obtained.

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm^2)	MPE Limits (mW/cm^2)
	dBm	mW				
BLE	2.0	1.5849	3.68	2.3335	0.0007	1.0000
2.4GWIFI	19.0	79.4328	3.68	2.3335	0.0369	1.0000

Remark:
1. Output power (Peak) including turn-up tolerance;
2. MPE evaluate distance is 20cm from user manual provide by manufacturer.

4.6 Simultaneous Transmission for MPE Result

N/A

5 Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device Threshold per KDB 447498 D01v06

********** **End of Report** **********