

RF Exposure Evaluation Report

Report Reference No...... : **MTEB26010274-H**

FCC ID..... : **2A397-HK968A**

Compiled by

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Date of issue..... : **Jan.30,2026**

Representative Laboratory Name.: **Shenzhen Most Technology Service Co., Ltd.**

Address..... : No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park,
Nanshan, Shenzhen, Guangdong, China.

Applicant's name..... : **QINGDAO HISTONE INTELLIGENT COMMERCIAL SYSTEM CO., LTD.**

Address..... : Wisdom Valley, No.8 Shengshui Road, Laoshan District, Qingdao
City, China

Test specification/ Standard..... : **47 CFR Part 1.1310**

KDB447498D01 General RF Exposure Guidance v06

TRF Originator..... : Shenzhen Most Technology Service Co., Ltd.

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Test item description..... : POS COMPUTER

Trade Mark..... : HiStone

Model/Type reference..... : HK968A

(HK968A(second display:10.1 inch)&HK968A(second display:VFD))

Listed Models : HK968, HK9600

Modulation Type..... : ASK

Operation Frequency..... : 13.56MHz

Hardware Version..... : PCB-S1194

Software Version..... : S1194

	DC 24V by Adapter
	24V ,2.5A,60W(by Adapter 1: 100-240V~,50/60Hz,2.0A (GM60-240250-F))
Rating.....:	24V ,2.5A,60W(by Adapter 2: 100-240V~,50-60Hz,1.8A (FSP060-DAAN3))
	24V ,5A,120W(by Adapter 3: 100-240V~, 50-60Hz,1.8A (FSP120-AAAN3))
Result.....:	PASS

TEST REPORT

Equipment under Test : POS COMPUTER

Model /Type : HK968A(HK968A(second display:10.1 inch)&HK968A
(second display:VFD))

Listed Models : HK968, HK9600

Remark : Products may be available in a variety of color combinations
according to customer needs.

Applicant : QINGDAO HISTONE INTELLIGENT COMMERCIAL SYSTEM
CO., LTD.

Address : Wisdom Valley, No.8 Shengshui Road, Laoshan District, Qingdao
City, China

Manufacturer : QINGDAO HISTONE INTELLIGENT COMMERCIAL SYSTEM
CO., LTD.

Address : Wisdom Valley, No.8 Shengshui Road, Laoshan District, Qingdao
City, China

Test Result:	PASS
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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.

1. Revision History

Revision	Issue Date	Revisions	Revised By
00	2026.01.30	Initial Issue	Alisa Luo

2. SAR Evaluation

2.1 RF Exposure Compliance Requirement

2.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

2.1.2 Limits

According to FCC Part1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in part1.1307(b)

For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C): 33

- 1) For test separation distances > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$
- 2) For test separation distances ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$
- 3) SAR measurement procedures are not established below 100 MHz.

When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any SAR test results below 100 MHz to be acceptable.³⁴

2.1.3 EUT RF Exposure

Measurement Data

For 13.56MHz wireless:

Field strength=79.0dBuV/m

EIRP =79.0dBuV/m-95.2+6= -10.2dBm

Antenna: 3dBi ,so Ant numeric gain=2

Channel	EIRP (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power (dBm)	Maximum tune-up Power (MW)	Limit (MW)	Result
13.56 MHz	-10.2	± 1	-9.2	0.120	474	Pass

Note: Refer to report MTEB26010274-R for EUT test Maximum field strength value

.....**THE END OF REPORT**.....