RF Exposure Evaluation

For

Hunan GMCINE Technology co.,Ltd

Magnetic Mobile Screen

Test Model: VMP002
Additional Model No.:Please Refer to Page 6

Prepared for	:	Hunan GMCINE Technology co.,Ltd
Address	:	26th Floor, Building 10, Area B, Greenland V Island, Yuehu Street, Kaifu District, Changsha City, Hunan Province
Prepared by	:	Guangzhou LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample	:	July 02, 2025
Number of tested samples	:	2
Sample No.	:	A250623031-1, A250623031-2
Serial number	:	Prototype
Date of Test	:	July 02, 2025 ~ September 03, 2025
Date of Report	:	September 04, 2025

RF Exposure Evaluation	
Report Reference No.	**: LCSC06265005EE**
Date of Issue.....	: September 04, 2025
Testing Laboratory Name.....	**: Guangzhou LCS Compliance Testing Laboratory Ltd.**
Address.....	: No.44-1,Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China
Testing Location Procedure.....	: Full application of Harmonised standards ■ Partial application of Harmonised standards □ Other standard testing method □
Applicant's Name.....	**: Hunan GMCINE Technology co.,Ltd**
Address.....	: 26th Floor, Building 10, Area B, Greenland V Island, Yuehu Street, Kaifu District, Changsha City, Hunan Province
Test Specification	
Standard.....	: FCC KDB publication 447498 D01 General RF Exposure Guidance v06 FCC CFR 47 part1 1.1310 FCC CFR 47 part2 2.1093
Test Report Form No.....	**: TRF-4-E-215 A0**
TRF Originator.....	: Shenzhen LCS Compliance Testing Laboratory Ltd.
Master TRF.....	: Dated 2011-03
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EUT Description.....	**: Magnetic Mobile Screen**
Trade Mark.....	: Vaxis MIPAI
Test Model.....	: VMP002
Ratings.....	: Please Refer to Page 6
Result	**: PASS**

Compiled by:	Supervised by:	Approved by:
Lifeng Le / File administrators	Justin Zhu / Technique Director	Gavin Liang/ Manager

RF Exposure Evaluation

Test Report No. : **LCSC06265005EE**	September 04, 2025 Date of issue

EUT.....	: Magnetic Mobile Screen
Test Model.....	: VMP002
Applicant.....	**: Hunan GMCINE Technology co.,Ltd**
Address.....	: 26th Floor, Building 10, Area B, Greenland V Island, Yuehu Street, Kaifu District, Changsha City, Hunan Province
Telephone.....	: /
Fax.....	: /
Manufacturer.....	**: Hunan GMCINE Technology co.,Ltd**
Address.....	: 26th Floor, Building 10, Area B, Greenland V Island, Yuehu Street, Kaifu District, Changsha City, Hunan Province
Telephone.....	: /
Fax.....	: /
Factory.....	**: Hunan GMCINE Technology co.,Ltd**
Address.....	: 26th Floor, Building 10, Area B, Greenland V Island, Yuehu Street, Kaifu District, Changsha City, Hunan Province
Telephone.....	: /
Fax.....	: /

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.

Revision History

Report Version	Issue Date	Revision Content	Revised By
000	September 04, 2025	Initial Issue	--

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Description **Page**

1. Product Information

EUT	: Magnetic Mobile Screen
Test Model	: VMP002
Additional Model No.	: VMP001,VMP003,VMP004,VMP005,VMP006,VMP007,VMP008
Model Declaration	: PCB board, structure and internal of these model(s) are the same, So no additional models were tested
Ratings	: Input: 5V⎓1A DC 3.7V by Rechargeable Li-ion Battery, 2000mAh
Hardware Version	: /
Software Version	: /
Bluetooth	:
Frequency Range	: 2402MHz~2480MHz
Channel Number	: 40 channels for Bluetooth V5.0 (DTS)
Channel Spacing	: 2MHz for Bluetooth V5.0 (DTS)
Modulation Type	: GFSK for Bluetooth V5.0 (DTS)
Bluetooth Version	: V5.0
Antenna Description	: Internal Antenna, 2.95dBi(Max.)
WIFI(2.4G Band)	:
Frequency Range	: 2412MHz~2462MHz
Channel Spacing	: 5MHz
Channel Number	: 11 Channels for 20MHz bandwidth (2412~2462MHz) 7 Channels for 40MHz bandwidth (2422~2452MHz)
Modulation Type	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: Internal Antenna, 2.95dBi(Max.)
WIFI(5.2G Band)	:
Frequency Range	: 5180MHz~5240MHz
Channel Number	: 4 Channels for 20MHz bandwidth(5180MHz~5240MHz) 2 channels for 40MHz bandwidth(5190MHz~5230MHz)
Modulation Type	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: Internal Antenna, 2.77dBi(Max.)
WIFI(5.8G Band)	:
Frequency Range	: 5745MHz~5825MHz
Channel Number	: 5 channels for 20MHz bandwidth(5745MHz~5825MHz) 2 channels for 40MHz bandwidth(5755MHz~5795MHz)
Modulation Type	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: Internal Antenna, 2.77dBi(Max.)
Exposure category	: General population/uncontrolled environment
EUT Type	: Production Unit
Device Type	: Portable Device

Note: For a more detailed antenna description, please refer to the antenna specifications or the antenna report provided by the customer.

2. Evaluation method and Limit

According to KDB447498 D01 General RF Exposure Guidance v06 Section 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 Test Exclusion Threshold condition, listed below, is satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions.22 The minimum test separation distance is determined by the smallest distance from the antenna and radiating structures or outer surface of the device, according to the host form factor, exposure conditions and platform requirements, to any part of the body or extremity of a user or bystander (see 5) of section 4.1). To qualify for SAR test exclusion, the test separation distances applied must be fully explained and justified by the operating configurations and exposure conditions of the transmitter and applicable host platform requirements, typically in the SAR measurement or SAR analysis report, according to the required published RF exposure KDB procedures. When no other RF exposure testing or reporting is required, a statement of justification and compliance must be included in the equipment approval, in lieu of the SAR report, to qualify for the SAR test exclusion. When required, the device specific conditions described in the other published RF exposure KDB procedures must be satisfied before applying these SAR test exclusion provisions; for example, handheld PTT two-way radios, handsets, laptops & tablets etc.“

[(max. power of channel, including tune-up tolerance, mW)/ (min. test separation distance, mm)] · [√f (GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where:

- f (GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

  The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to f) in section 4.1 is applied to determine SAR test exclusion.

When one of the following test exclusion conditions is satisfied for all combinations of simultaneous transmission configurations, further equipment approval is not required to incorporate transmitter modules in host devices that operate in the mixed mobile and portable host platform exposure conditions. The grantee is responsible for documenting this according to Class I permissive change requirements. Antennas that qualify for standalone SAR test exclusion must apply the estimated standalone SAR to determine simultaneous transmission test exclusion.

a) The [∑ of (the highest measured or estimated SAR for each standalone antenna configuration, adjusted for maximum tune-up tolerance) / 1.6 W/kg] + [∑ of MPE ratios] is ≤ 1.0.

b)The SAR to peak location separation ratios of all simultaneously transmitting antenna pairs operating in portable device exposure conditions are all ≤ 0.04, and the [∑ of MPE ratios] is ≤ 1.0.

3. Refer Evaluation Method

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 publication 447498 D01 General RF Exposure Guidance v06: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

FCC CFR 47 part1 1.1310: Radiofrequency radiation exposure limits.

FCC CFR 47 part2 2.1093: Radiofrequency radiation exposure evaluation: portable devices

4. Conducted Power Results

< BLE1M>

Mode	Channel	Frequency (MHz)	Peak Conducted Output Power (dBm)
GFSK	0	2402	-1.91
	19	2440	0.73
	39	2480	-0.18

[2.4G WIFI]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11B	1	2412	5.81
	6	2437	4.65
	11	2462	5.16
11G	1	2412	5.62
	6	2437	5.79
	11	2462	4.96
11N20 SISO	1	2412	5.21
	6	2437	5.42
	11	2462	5.49
11N40 SISO	3	2422	5.5
	6	2437	5.57
	9	2452	5.23

[5.2G WIFI]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	36	5180	2.7
	40	5200	2.63
	48	5240	1.23
11N20 SISO	36	5180	2.98
	40	5200	3.07
	48	5240	1.62
11N40 SISO	38	5190	2.82
	46	5230	1.73
11AC20 SISO	36	5180	2.98
	40	5200	2.97
	48	5240	1.67
11AC40 SISO	38	5190	2.84
	46	5230	1.71

[5.8G WIFI]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	149	5745	2.28
	157	5785	1.52
	165	5825	2.0
11N20 SISO	149	5745	2.38
	157	5785	1.56
	165	5825	2.03
11N40 SISO	151	5755	2.18
	159	5795	1.46
11AC20 SISO	149	5745	2.65
	157	5785	1.78

	165	5825	2.41
11AC40 SISO	151	5755	2.16
	159	5795	1.33

5. Manufacturing Tolerance

< BLE1M>

GFSK (Peak)			
Channel	Channel 0	Channel 19	Channel 39
Target (dBm)	-1.0	0	0
Tolerance ±(dB)	1.0	1.0	1.0

[2.4G WIFI]

11B (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	5.0	4.0	5.0
Tolerance ±(dB)	1.0	1.0	1.0
11G (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	5.0	5.0	4.0
Tolerance ±(dB)	1.0	1.0	1.0
11N20(Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	5.0	5.0	5.0
Tolerance ±(dB)	1.0	1.0	1.0
11N40(Peak)			
Channel	Channel 3	Channel 6	Channel 9
Target (dBm)	5.0	5.0	5.0
Tolerance ±(dB)	1.0	1.0	1.0

[5.2G WIFI]

11A (AVG)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	2.0	2.0	1.0
Tolerance ±(dB)	1.0	1.0	1.0
11N20(AVG)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	2.0	3.0	1.0
Tolerance ±(dB)	1.0	1.0	1.0
11N40(AVG)			
Channel	Channel 38		Channel 46
Target (dBm)	2.0		1.0
Tolerance ±(dB)	1.0		1.0
11AC20(AVG)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	2.0	2.0	1.0
Tolerance ±(dB)	1.0	1.0	1.0

11AC40(AVG)		
Channel	Channe 38	Channel 46
Target (dBm)	2.0	1.0
Tolerance ±(dB)	1.0	1.0

[5.8G WIFI]

11A (AVG)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	2.0	1.0	2.0
Tolerance ±(dB)	1.0	1.0	1.0
11N20(AVG)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	2.0	1.0	2.0
Tolerance ±(dB)	1.0	1.0	1.0
11N40(AVG)			
Channel	Channel 151		Channel 159
Target (dBm)	2.0		1.0
Tolerance ±(dB)	1.0		1.0
11AC20(AVG)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	2.0	1.0	2.0
Tolerance ±(dB)	1.0	1.0	1.0
11AC40(AVG)			
Channel	Channe151		Channel 159
Target (dBm)	2.0		1.0
Tolerance ±(dB)	1.0		1.0

6. Evaluation Results

6.1 Standalone Evaluation

Band/Mode		f (GHz)	Antenna Distance (mm)	RF output power		SAR Test Exclusion Threshold	SAR Test Exclusion	Ratio 0
				dBm	mW			
BLE 1M	GFSK	2.480	5	1.0	1.2589	0.3965 < 3.0	Yes	0.1322

[2.4G WIFI]

Band/Mode	Frequency (GHz)	Antenna Distance (mm)	RF output power		SAR Test Exclusion Threshold	SAR Test Exclusion	Ratio 1
			dBm	mW			
IEEE 802.11b	2.462	5	6.0	3.9811	1.2493< 3.0	Yes	0.4164
IEEE 802.11g	2.437	5	6.0	3.9811	1.2430< 3.0	Yes	0.4143
IEEE 802.11n HT20	2.462	5	6.0	3.9811	1.2493< 3.0	Yes	0.4164
IEEE 802.11n HT40	2.452	5	6.0	3.9811	1.2468< 3.0	Yes	0.4156

[5.2G WIFI]

Band/Mode	Frequency (GHz)	Antenna Distance (mm)	RF output power		SAR Test Exclusion Threshold	SAR Test Exclusion	Ratio 1
			dBm	mW			
IEEE 802.11a	5.200	5	3.0	1.9953	0.9100< 3.0	Yes	0.3033
IEEE 802.11n HT20	5.200	5	4.0	2.5119	1.1456< 3.0	Yes	0.3819
IEEE 802.11n HT40	5.190	5	3.0	1.9953	0.9091< 3.0	Yes	0.3030
IEEE 802.11ac VHT20	5.200	5	3.0	1.9953	0.9100< 3.0	Yes	0.3033
IEEE 802.11ac VHT40	5.190	5	3.0	1.9953	0.9091< 3.0	Yes	0.3030

[5.8G WIFI]

Band/Mode	Frequency (GHz)	Antenna Distance (mm)	RF output power		SAR Test Exclusion Threshold	SAR Test Exclusion	Ratio 1
			dBm	mW			
IEEE 802.11a	5.825	5	3.0	1.9953	0.9631< 3.0	Yes	0.3210
IEEE 802.11n HT20	5.825	5	3.0	1.9953	0.9631< 3.0	Yes	0.3210
IEEE 802.11n HT40	5.755	5	3.0	1.9953	0.9573< 3.0	Yes	0.3191
IEEE 802.11ac VHT20	5.825	5	3.0	1.9953	0.9631< 3.0	Yes	0.3210
IEEE 802.11ac VHT40	5.755	5	3.0	1.9953	0.9573< 3.0	Yes	0.3191

Remark:

1. Output power including tune up tolerance;

2. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to f) in section 4.1 is applied to determine SAR test exclusion.

6.2 Simultaneous Transmission for SAR Exclusion

The sample support one BT and one WIFI modular. Therefore, it is necessary to consider simultaneous transmission.

BLE Ant0 Max MPE (Ratio)	WIFI Ant1 Max MPE (Ratio)	simultaneous MPE (Ratio)	MPE Limits (Ratio)
0.1322	0.4164	0.5486	1.0000

7. Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1093 for the uncontrolled RF Exposure and SAR Exclusion Threshold per KDB 447498 v06.

8. Description of Test Facility

CNAS Registration Number is L11555
A2LA Certificate Number: 5099.01
FCC Designation Number is CN1379
Test Firm Registration Number: 729882

9. Measurement Uncertainty

Test Item		Frequency Range	Uncertainty	Note
Output power	:	1GHz-40GHz	±0.57dB	(1)

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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