

RF Exposure Evaluation Report

Product Name : Wireless Gaming Mouse
Model No. : P708
FCC ID : H4IMOP708

Applicant : Lite-on Technology Corp.

Address : 16F,392,Ruey Kuang Road,Neihu ,11492 Taipei, Taiwan

Date of Receipt : Jul. 31, 2022
Date of Declaration : Aug. 09, 2022
Report No. : 2270916R-RFUSBLEV01-A
Report Version : V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

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Product Name	Wireless Gaming Mouse	
Applicant	Lite-on Technology Corp.	
Address	16F,392,Ruey Kuang Road,Neihu ,11492 Taipei, Taiwan	
Manufacturer	Lite-on Technology Corp.	
Model No.	P708	
FCC ID	H4IMOP708	
Trade Name	ASUS	
Applicable Standard	KDB 447498 D01 v06	<input type="checkbox"/> Minimum test separation distance \geq 20 cm <input checked="" type="checkbox"/> For low power devices
Test Result	Complied	

Documented By : Jinn Chen
 (Supervisor / Jinn Chen)

Tested By : Alan Chen
 (Senior Engineer / Alan Chen)

Approved By : Tim Sung
 (Manager / Tim Sung)

Revision History

Report No.	Version	Description	Issued Date
2270916R-RFUSBLEV01-A	V1.0	Initial issue of report.	2022-08-09

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Wireless Gaming Mouse
Trade Name	ASUS
Model No.	P708
FCC ID	H4IMOP708
Frequency Range	2.4G Wireless: 2402-2480MHz BLE: 2403-2480MHz
Channel Number	2.4G Wireless: 78CH BLE: 40CH
Type of Modulation	2.4G Wireless: GFSK BLE: GFSK(1Mbps)
Antenna Type	Ceramic Chip Antenna
Channel Control	Auto
Antenna Gain	Refer to the table "Antenna List"

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Walsin	RFECA3216060A3T	Ceramic Chip Antenna	2.16dBi for 2.4GHz

1.2. Test Facility

USA : **FCC Registration Number: TW0033**

Canada : **CAB Identifier Number: TW3023 / Company Number: 26930**

Site Description : Accredited by TAF
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd
Address : No. 5-22, Ruishukeng Linkou District, New Taipei City, 24451,
Taiwan

Performed Location : No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan,
R.O.C.

Phone number : +886-3-275-7255

Fax number : +866-3-327-8031

Email address : info.tw@dekra.com

Website : <http://www.dekra.com.tw>

2. RF Exposure Evaluation

2.1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

2.2. Measurement Result:

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 (Power(mW)/separation (mm)*sqrt(f(GHz)≤3.0), SAR is required as shown in the table below where calculated values are greater than 3.0:

Operation frequency = 2450MHz and antenna separation distance = 5mm,
SAR Test Exclusion Threshold = 10mW

BLE:

Frequency Band (MHz)	Maximum peak output power Peak Gain: 2.16dBi			SAR Test Exclusion Threshold	Calculated Threshold Value (≤3.0 SAR is not required)
	conducted	EIRP	EIRP	(mW)	
	(dBm)	(dBm)	(mW)		
2402	3.83	5.99	3.97	10	0.616

Note : The SAR/MPE measurement is not necessary.

2.4G Wireless:

Frequency Band	Maximum PEAK EIRP power		SAR Test Exclusion Threshold	Calculated Threshold Value (≤3 SAR is not required)
	(dBuV/3m)	(mW)	(mW)	
2403 - 2480	101.27	4.019	10	1.246

Note : The SAR/MPE measurement is not necessary.