

RF Exposure Evaluation Report

Product Name : Gaming Mouse Dongle

Model No. : P704DONGLE

FCC ID : H4IP704DONGLE

Applicant : Lite-on Technology Corp.

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

Date of Receipt : Aug. 25, 2019

Date of Declaration : Sep. 27, 2019

Report No. : 1980363R-SAUSP03V00

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.

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Issued Date: Sep. 27, 2019

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Product Name	Gaming Mouse Dongle
Applicant	Lite-on Technology Corp.
Address	16F,392,Ruey Kuang Road,Neihu ,Taipei
Manufacturer	Lite-on Technology Corp.
Model No.	P704DONGLE
FCC ID.	H4IP704DONGLE
Trade Name	ASUS
Applicable Standard	FCC 47 CFR 1.1307 KDB 447498 D01 v06
Test Result	Complied

Documented By

:



(Adm. Assistant / Peggy Tu)

Tested By

:



(Senior Engineer / Wen Lee)

Approved By

:



(Director / Vincent Lin)

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Gaming Mouse Dongle
Trade Name	ASUS
Model No.	P704DONGLE
FCC ID.	H4IP704DONGLE
Frequency Range	2403-2480MHz
Number of Channels	78CH
Channel Separation	1MHz
Type of Modulation	GFSK
Antenna Type	MULTILAYER CERAMIC
Antenna Gain	Refer to the table "Antenna List"
Channel Control	Auto

1.2. Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	PSA	RFANT3216120A5T	MULTILAYER CERAMIC	2.93dBi for 2.4 GHz

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 $(\text{Power(mW)}/\text{separation (mm)} \cdot \sqrt{f(\text{GHz})} \leq 3.0)$, SAR is required as shown in the table below where calculated values are greater than 3.0:

1.)

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

Frequency Band (MHz)	Maximum peak output power Peak Gain: 2.93dBi			SAR Test Exclusion Threshold	Calculated Threshold Value (≤ 3.0 SAR is not required)
	Conducted (dBm)	EIRP (dBm)	EIRP (mW)	(mW)	
2403 ~ 2480	0.56	3.49	2.23	10	0.698

Note1: The SAR/MPE measurement is not necessary.

Note2: The conducted output power is refer to report No.: 1980363R-RFUSP01V00-A from the DEKRA.