

RF Exposure Evaluation Report

Product Name : Gaming Mouse

Model No. : P705

FCC ID : XW3DKMSP705

Applicant : Dongguan Siliten Electronics CO.,LTD

Address : Sijia Yewu Industrial estate, Shijie Town, Dongguan, China

Date of Receipt : Sep. 16, 2019

Date of Declaration : Nov. 04, 2019

Report No. : 1990207R-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: Nov. 04, 2019

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Product Name	Gaming Mouse
Applicant	Dongguan Siliten Electronics CO.,LTD
Address	Sijia Yewu Industrial estate, Shijie Town, Dongguan, China
Manufacturer	Dongguan Siliten Electronics CO.,LTD
Model No.	P705
FCC ID.	XW3DKMSP705
Trade Name	ASUS
Applicable Standard	FCC 47 CFR 1.1307 KDB 447498 D01 v06
Test Result	Complied

Documented By : Genie Chang

(Senior Adm. Specialist / Genie Chang)

Tested By : wenlee

(Senior Engineer / Wen Lee)

Approved By : Vincent Lin

(Director / Vincent Lin)

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Gaming Mouse
Trade Name	ASUS
Model No.	P705
FCC ID.	XW3DKMSP705
Frequency Range	GFSK: 2403-2480MHz BLE V4.2: 2402-2480MHz
Number of Channels	GFSK: 78CH BLE V4.2: 40CH
Channel Separation	1MHz
Type of Modulation	GFSK
Antenna Type	Printed on PCB
Antenna Gain	Refer to the table "Antenna List"
Channel Control	Auto

1.2. Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ASUS	P705	Printed on PCB	-2.76dBi 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 ($\text{Power(mW)}/\text{separation (mm)}*\sqrt{f(\text{GHz})}\leq 3.0$), 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		SAR Test Exclusion Threshold	Calculated Threshold Value (≤ 3.0 SAR is not required)
	(dBm)	(mW)	(mW)	
2402 ~ 2480	-0.19	0.96	10	0.297

Note1: The SAR/MPE measurement is not necessary.

Note2: The conducted output power is refer to report No.: 1990207R-RFUSP23V00,
1990207R-RFUSP01V00-B from the DEKRA.