

RF Exposure Evaluation Report

Product Name : Gaming Mouse Dongle

Model No. : P705DONGLE

FCC ID : XW3DKP705DONGLE

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. 11, 2019

Report No. : 1990208R-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. 11, 2019

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Product Name	Gaming Mouse Dongle	
Applicant	Dongguan Siliten Electronics CO.,LTD	
Address	Sijia Yewu Industrial estate, Shijie Town, Dongguan, China	
Manufacturer	Dongguan Siliten Electronics CO.,LTD	
Model No.	P705DONGLE	
FCC ID.	XW3DKP705DONGLE	
Trade Name	ASUS	
Applicable Standard	KDB 447498 D01 v06	☐ Minimum test separation distance ≥ 20 cm ☒ For low power devices
Test Result	Complied	

Documented By :



(Adm. Specialist / Vita Wang)

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.	P705DONGLE
FCC ID.	XW3DKP705DONGLE
Frequency Range	2403-2480MHz
Number of Channels	78CH
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	P705DONGLE	Printed on PCB	-2.27dBi 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		SAR Test Exclusion Threshold	Calculated Threshold Value (≤ 3.0 SAR is not required)
	Conducted (dBm)	Conducted (mW)	(mW)	
2403 ~ 2480	-0.70	0.85	10	0.268

Note1: The SAR/MPE measurement is not necessary.

Note2: The conducted output power is refer to report No.: 1990208R-RFUSP23V00 from the DEKRA.