RF Exposure Evaluation Report

Product Name : Optical Gaming Mouse Dock

Model No. : P707 (Dock)

FCC ID : NIYP707RX

Applicant : Dexin Corp

Address : 14F-8, No. 258, Lian Cheng Rd Chung Ho City, Taipei Hsien, Taiwan

Date of Receipt : Dec. 11, 2020

Date of Declaration : Jan. 18, 2021

Report No. : 20C0446R-E3082100014

Report Version : V1.0

Testing Laboratory

3023

Issued Date: Jan. 18, 2021
Report No.: 20C0446R-E3082100014

Product Name	Optical Gaming Mouse Dock	
Applicant	Dexin Corp	
Address	14F-8, No. 258, Lian Cheng Rd Chung Ho City, Taipei Hsien, Taiwan	
Manufacturer	Dexin Corp	
Model No.	P707 (Dock)	
FCC ID.	NIYP707RX	
Trade Name	ASUS	
Applicable Standard	KDB 447498 D01 v06	☐ Minimum test separation distance ≥ 20 cm ☒ For low power devices
Test Result	Complied	

Documented By : Ida Tung

(Adm. Specialist / Ida Tung)

Tested By : wen Lee

(Supervisor / Wen Lee)

Approved By :

(Director / Vincent Lin)

Revision History

Report No.	Version	Description	Issued Date
20C0446R-E3082100014	V1.0	Initial issue of report.	Jan. 18, 2021

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Optical Gaming Mouse Dock
Trade Name	ASUS
Model No.	P707 (Dock)
FCC ID.	NIYP707RX
Frequency Range	2403-2480MHz
Channel Number	78CH
Type of Modulation	GFSK
Channel Control	Auto
Antenna Type	Print on PCB Antenna
Antenna Gain	Refer to the table “Antenna List”

1.2. Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ASUS	P707	Print on PCB Antenna	-2.21dBi for 2.4GHz

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:

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

Frequency Band	Maximum H-Field power		SAR Test Exclusion Threshold	Calculated Threshold Value (≦3.0 SAR is not required)
	(dBuV/3m)	(mW)	(mW)	
2480 MHz	100.100	3.06988	10	0.967

Note1: The SAR/MPE measurement is not necessary.

Note2: The maximum H-Field power is refer to report No.: 20C0446R-E3032110120 from the DEKRA.