

RF Exposure Evaluation Report

Product Name : Detachable Keyboard
Model No. : GZ700G Mobile Dock
FCC ID : MSQ-GZ700KB

Applicant : ASUSTeK Computer Inc
Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt : Dec. 20, 2018
Date of Declaration : April 17, 2019
Report No. : 18C0278R-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: April 17, 2019

Report No.: 18C0278R-SAUSP03V00



Product Name	Detachable Keyboard
Applicant	ASUSTeK Computer Inc
Address	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan
Manufacturer	ASUSTeK Computer Inc
Model No.	GZ700G Mobile Dock
FCC ID.	MSQ-GZ700KB
Trade Name	ASUS
Applicable Standard	FCC 47 CFR 1.1307 KDB 447498 D01 v06
Test Result	Complied

Documented By :



(Senior Adm. Specialist / Rita Huang)

Tested By :



(Senior Engineer / Wen Lee)

Approved By :



(Director / Vincent Lin)

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Detachable Keyboard
Trade Name	ASUS
Model No.	GZ700G Mobile Dock
FCC ID.	MSQ-GZ700KB
Frequency Range	2402~2480MHz
Channel Control	Auto
Antenna Type	PIFA Antenna
Channel Number	40
Type of Modulation	GFSK

1.2. Antenna List

No.	Manufacturer	Part No.	ASUS No.	Antenna Type	Peak Gain
1	INPAQ	WAG-P-LA-00-012	14008-03420500	PIFA Antenna	-0.8 dBi 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 H-Field power		SAR Test Exclusion Threshold	Calculated Threshold Value (≤ 3.0 SAR is not required)
	(dBuV/3m)	(mW)	(mW)	
2402 ~ 2480	87.353	0.16	10	0.051

Note1: The SAR/MPE measurement is not necessary.

Note2: The conducted output power is refer to report No.: 18C0278R-RFUSP15V00 from the DEKRA.