

RF Exposure Evaluation Report

Product Name : ROG Strix F-WL Dongle

Model No. : ROG Strix F-WL Dongle

FCC ID : BJM-ROGSTRIXFWLD

Applicant : Tatung Company

Address : 22 Chungshan N Road Sec 3 , Taipei 10451, Taiwan

Date of Receipt : Apr. 18, 2018

Date of Declaration : Jun. 05, 2018

Report No. : 1840181R-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: Jun. 05, 2018

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Applicant	Tatung Company
Address	22 Chungshan N Road Sec 3 , Taipei 10451, Taiwan
Manufacturer	Tatung Company
Model No.	ROG Strix F-WL Dongle
FCC ID.	BJM-ROGSTRIXFWLD
Trade Name	ASUS
Applicable Standard	FCC 47 CFR 1.1307
Test Result	Complied

Documented By :



(Senior Adm. Specialist / Joanne Lin)

Tested By :



(Engineer / Wen Lee)

Approved By :



(Director / Vincent Lin)

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	ROG Strix F-WL Dongle
Trade Name	ASUS
Model No.	ROG Strix F-WL Dongle
FCC ID.	BJM-ROGSTRIXFWLD
Frequency Range	2405.35-2477.35MHz
Channel Number	37ch
Type of Modulation	Pi/4 DQPSK
Antenna Type	Multilayer ceramic Antenna
Antenna Gain	2dBi

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)	
2405.35MHz	99.535	2.695	10	0.2

The SAR/MPE measurement is not necessary.