

RF Exposure Evaluation Report

Product Name : Gaming headset
Model No. : ROG STRIX GO BT
FCC ID : BJM-RSGB

Applicant : Tatung Company

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

Date of Receipt : Sep. 30, 2020
Date of Declaration : Dec. 18, 2020
Report No. : 2091003R-E3082100014
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.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

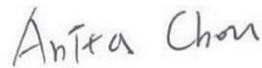
Issued Date: Dec. 18, 2020

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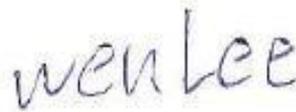
Product Name	Gaming headset	
Applicant	Tatung Company	
Address	22 Chungshan N Road Sec 3 ,Taipei 10451,Taiwan	
Manufacturer	Tatung Company	
Model No.	ROG STRIX GO BT	
FCC ID.	BJM-RSGB	
Trade Name	ASUS	
Applicable Standard	KDB 447498 D01 v06	<input type="checkbox"/> Minimum test separation distance \geq 20 cm <input checked="" type="checkbox"/> For low power devices
Test Result	Complied	

Documented By :



(Senior Engineering Adm. Specialist / Anita Chou)

Tested By :



(Senior Engineer / Wen Lee)

Approved By :



(Director / Vincent Lin)

Revision History

Report No.	Version	Description	Issued Date
2091003R-E3082100014	V1.0	Initial issue of report.	2020-12-18

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Gaming headset
Trade Name	ASUS
Model No.	ROG STRIX GO BT
FCC ID.	BJM-RSGB
Frequency Range	2402 – 2480MHz
Channel Number	BT: 79CH BLE : 40CH
Type of Modulation	BT: FHSS: GFSK(1Mbps) / π /4DQPSK(2Mbps) / 8DPSK(3Mbps) BLE V5.1: π /4DQPSK (2Mbps)
Antenna Type	PCB Antenna
Antenna Gain	Refer to the table “Antenna List”
Type C TO USB Cable	ASUS, ROG STRIX GO BT

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ACX	QEC-1907094-A	PCB Antenna	3.1dBi 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 ($\text{Power(mW)}/\text{separation (mm)} \cdot \sqrt{f(\text{GHz})} \leq 3.0$), 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 True-UP AV Power Peak Gain: 3.1dBi			SAR Test Exclusion Threshold	Calculated Threshold Value (≤ 3.0 SAR is not required)
	True-UP (dBm)	EIRP (dBm)	EIRP (mW)	(mW)	
2402-2480	2.9	6	3.98	10	1.254

Note1: The SAR/MPE measurement is not necessary.

Note2: The maximum True-UP AV power is refer to OPDes.