

RF Exposure Evaluation declaration

Product Name : ROG Strix Fusion 700 Gaming Headset
Model No. : ROGSTRIX F700/BLK/UBD/AS
FCC ID : MSQ-ROGSTRIXF700

Applicant : ASUSTeK COMPUTER INC.

Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt : Apr. 19, 2018

Date of Declaration : Jun. 05, 2018

Report No. : 1840232R-SAUSP03V00

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 of the equipment and evaluated measurement uncertainty herein.

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1. GENERAL INFORMATION

1.1. EUT Description

Product Name	ROG Strix Fusion 700 Gaming Headset
Model No.	ROGSTRIX F700/BLK/UBD/AS
Trade Name	ASUS
Contains FCC ID	MSQ-ROGSTRIXF700
Frequency Range	2402 – 2480MHz
Number of Channels	79CH V4.0: 40CH
Type of Modulation	FHSS: GFSK(1Mbps) / π /4DQPSK(2Mbps) / 8DPSK(3Mbps) V4.0: GFSK(1Mbps)
Antenna Type	PIFA Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”

1.2. Antenna List :

For BT:

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ASUS	N/A	PIFA Antenna	2.62dBi for 2.4 GHz

For BLE:

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ASUS	N/A	PIFA Antenna	1.73dBi for 2.4 GHz

2. 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.

3. Measurement Result:

According to KDB 447498 D01 Mobile Portable RF Exposure v05,
Operation frequency = 2450MHz and antenna separation distance = 5mm,
SAR Test Exclusion Threshold = 10mW

Frequency Band	Maximum Antenna Gain: 2.62dBi Maximum peak output power		SAR Test Exclusion Threshold (mW)
	(dBm)	EIRP (mW)	
2480MHz	6.91	8.97	10

The SAR/MPE measurement is not necessary.