

RF Exposure Evaluation Report

Product Name : ROG DELTA S WIRELESS

Model No. : ROG DELTA S WIRELESS

FCC ID : 2AD8P-RDSWL

Applicant : Dongguan Laccess Electronic Technology Co., Ltd.

Address : No 20 Xiang Yang Road, Tianxin, Qiaotou Town, Dongguan,
GuangDong, China

Date of Receipt : Jan. 25, 2022

Date of Declaration : Apr. 18, 2022

Report No. : 2210776R-RFUSMPEV03-A

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.

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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.

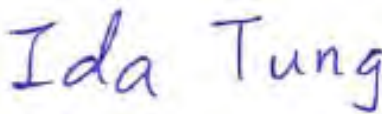
Issued Date: Apr. 18, 2022

Report No.: 2210776R-RFUSMPEV03-A



Product Name	ROG DELTA S WIRELESS	
Applicant	Dongguan Laccess Electronic Technology Co., Ltd.	
Address	No 20 Xiang Yang Road, Tianxin, Qiaotou Town, Dongguan, Guangdong, China	
Manufacturer	Dongguan Laccess Electronic Technology Co., Ltd.	
Trade Name	ASUS	
Model No.	ROG DELTA S WIRELESS	
FCC ID.	2AD8P-RDSWL	
Applicable Standard	KDB 447498 D04 v01	☐ Minimum test separation distance ≥ 20 cm ☒ For low power devices
Test Result	Complied	

Documented By :



(Project Specialist / Ida Tung)

Tested By :



(Senior Engineer / Alan Chen)

Approved By :



(Manager / Tim Sung)

Revision History

Report No.	Version	Description	Issued Date
2210776R-RFUSMPEV03-A	V1.0	Initial issue of report.	Apr. 18, 2022

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	ROG DELTA S WIRELESS
Model No.	ROG DELTA S WIRELESS
Trade Name	ASUS
FCC ID.	2AD8P-RDSWL
Frequency Range	2.4G Wireless: 2403-2479MHz BT: 2402-2480MHz
Channel Number	2.4G Wireless: 77 BT: 79
Type of Modulation	2.4G Wireless: GFSK BT: GFSK(1Mbps) / π / 4DQPSK(2Mbps) / 8DPSK(3Mbps)
Antenna Type	PCB Antenna
Antenna Gain	Refer to the table "Antenna List"

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Dongguan Laccess Electronic Technology Co., Ltd.	22.H200-0002	PCB Antenna	2.59dBi for 2.4GHz

1.2. Test Facility

USA : FCC Registration Number: TW0033
Canada : CAB Identifier Number: TW3023 / Company Number: 26930

Site Description : Accredited by TAF
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd
Address : No. 5-22, Ruishukeng Linkou District, New Taipei City,
24451, Taiwan

Performed Location : No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City
333411, Taiwan, R.O.C.

Phone number : +886-3-275-7255
Fax number : +866-3-327-8031
Email address : info.tw@dekra.com
Website : <http://www.dekra.com.tw>

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 = 2480MHz and antenna separation distance = 5mm,
SAR Test Exclusion Threshold = 2.72mW

BT:

Frequency Band (MHz)	Antenna Gain	Output power				SAR Test Exclusion Threshold	Calculated Threshold Value (≤3.0 SAR is not required)
	(dBi)	Conducted (dBm)	Conducted (mW)	EIRP (dBm)	EIRP (mW)	(mW)	
2480	2.59	2.35	1.72	4.94	3.12	4.45	0.982

2.4G Wireless:

Frequency Band	Maximum EIRP power		SAR Test Exclusion Threshold	Calculated Threshold Value (≤3 SAR is not required)
	(dBuV/3m)	(mW)	(mW)	
2403 - 2479	98.31	2.03	4.45	0.64

Note1: No RF Exposure evaluation required since maximum Transmitter Pout (both conducted and EIRP) is below exclusion threshold.

Note2: The SAR/MPE measurement is not necessary.

Note3: The maximum output power is refer to report No.: 2210776R-RFUSBT2V01-A, 2210776R-RFUSOTHV06-A from the DEKRA.