

RF Exposure Evaluation Report

Product Name	ROG CETRA TRUE WIRELESS
Model No.	ROG CETRA TRUE WIRELESS(L),ROG CETRA TRUE WIRELESS(R), ROG CETRA TRUE WIRELESS
FCC ID (L).	2A3PJ-RCTWL
FCC ID (R).	2A3PJ-RCTWR

Applicant	PALM GARDEN ENTERPRISES CORP.
Address	4F, 540-1, Zhong Zheng Rd., Xindian Dist., New Taipei City 231, Taiwan

Date of Receipt	Nov. 20, 2021
Date of Declaration	Jan. 26, 2022
Report No.	21B0790R-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.

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: Jan. 26, 2022

Report No.: 21B0790R-RFUSMPEV03-A



Product Name	ROG CETRA TRUE WIRELESS	
Applicant	PALM GARDEN ENTERPRISES CORP.	
Address	4F, 540-1, Zhong Zheng Rd., Xindian Dist., New Taipei City 231, Taiwan	
Manufacturer	PALM GARDEN ENTERPRISES CORP.	
Model No.	ROG CETRA TRUE WIRELESS(L), ROG CETRA TRUE WIRELESS(R), ROG CETRA TRUE WIRELESS	
FCC ID (L).	2A3PJ-RCTWL	
FCC ID (R).	2A3PJ-RCTWR	
Trade Name	ASUS	
Applicable Standard	KDB 447498 D01 v06	☐ Minimum test separation distance ≥ 20 cm ☒ For low power devices
Test Result	Complied	

Documented By

:



(Senior Project Specialist / Joanne Lin)

Tested By

:



(Senior Engineer / Alan Chen)

Approved By

:



(Manager / Tim Sung)

Revision History

Report No.	Version	Description	Issued Date
21B0790R-RFUSMPEV03-A	V1.0	Initial issue of report.	2022-01-26

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	ROG CETRA TRUE WIRELESS
Trade Name	ASUS
Model No.	ROG CETRA TRUE WIRELESS(L),ROG CETRA TRUE WIRELESS(R), ROG CETRA TRUE WIRELESS
FCC ID (L).	2A3PJ-RCTWL
FCC ID (R).	2A3PJ-RCTWR
Frequency Range	2402-2480MHz
Channel Number	BT: 79CH BLE: V5.1: 40CH
Type of Modulation	BT: FHSS: GFSK(1Mbps) / π / 4DQPSK(2Mbps) / 8DPSK(3Mbps) BLE: GFSK
Antenna Type	FPC Antenna
Antenna Gain	Refer to the table "Antenna List"

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ATN	ATN1236	FPC Antenna	0.02dBi for 2.4 GHz

2. Test Facility

USA : FCC Registration Number: TW0033

Canada : IC Registration 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>

3. RF Exposure Evaluation

3.1. 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.

3.2. 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:

Operation frequency = 2450MHz and antenna separation distance = 5mm

Body SAR Test Exclusion Threshold = 10mW

Frequency Band (MHz)	Maximum peak output power Peak Gain: 0.02dBi			SAR Test Exclusion Threshold	Calculated Threshold Value (≤3.0 SAR is not required)
	conducted	EIRP	EIRP	(mW)	
	(dBm)	(dBm)	(mW)		
2480	8.69	8.71	7.43	10	2.340

Note 1: The SAR/MPE measurement is not necessary.

Note 2: The maximum peak output power is refer to report No.: 21B0790R-RFUSBLEV01-A from the DEKRA.