# 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 |

Testing Laboratory
3023

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

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| 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),<br>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<br>☒ For low power devices |
| Test Result | Complied | |

Documented By : Joanne Lin

( Senior Project Specialist / Joanne Lin )

Tested By : Alan Chen

( Senior Engineer / Alan Chen )

Approved By : Tim Sung

( 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),<br>ROG CETRA TRUE WIRELESS |
| FCC ID (L). | 2A3PJ-RCTWL |
| FCC ID (R). | 2A3PJ-RCTWR |
| Frequency Range | 2402-2480MHz |
| Channel Number | BT: 79CH<br>BLE: V5.1: 40CH |
| Type of Modulation | BT: FHSS: GFSK(1Mbps) / $\pi$ /4DQPSK(2Mbps) / 8DPSK(3Mbps)<br>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<br>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 (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:

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.