



## RF EXPOSURE REPORT

|                         |   |                                                                                                                                                           |
|-------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicant               | : | RedOctane Labs LLC                                                                                                                                        |
| Address of Applicant    | : | 3142 Constitution Drive, Livermore, CA 94551, USA                                                                                                         |
| Manufacturer            | : | RedOctane Labs LLC                                                                                                                                        |
| Address of Manufacturer | : | 3142 Constitution Drive, Livermore, CA 94551, USA                                                                                                         |
| Equipment under Test    | : | Nitro Deck 2                                                                                                                                              |
| Model No.               | : | CK26N2                                                                                                                                                    |
| FCC ID                  | : | 2BAXLCK26N2                                                                                                                                               |
| Test Standard(s)        | : | KDB447498 D01 General RF Exposure Guidance v06                                                                                                            |
| Report No.              | : | DDT-RE26070825-1E07                                                                                                                                       |
| Issue Date              | : | 2026/09/14                                                                                                                                                |
| Issue By                | : | Guangdong Dongdian Testing Service Co., Ltd.<br>Unit 2, Building 1, No. 17, Zongbu 2nd Road,<br>Songshan Lake Park, Dongguan, Guangdong, China,<br>523808 |

# REPORT

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Test Report Declare

|                         |   |                                                   |
|-------------------------|---|---------------------------------------------------|
| Applicant               | : | RedOctane Labs LLC                                |
| Address of Applicant    | : | 3142 Constitution Drive, Livermore, CA 94551, USA |
| Equipment under Test    | : | Nitro Deck 2                                      |
| Model No.               | : | CK26N2                                            |
| Manufacturer            | : | RedOctane Labs LLC                                |
| Address of Manufacturer | : | 3142 Constitution Drive, Livermore, CA 94551, USA |

Test Standard Used:  
KDB447498 D01 General RF Exposure Guidance v06

We Declare:  
The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

|                  |                     |               |                       |
|------------------|---------------------|---------------|-----------------------|
| Report No.:      | DDT-RE26070825-1E07 |               |                       |
| Date of Receipt: | 2026/07/10          | Date of Test: | 2026/07/10~2026/08/21 |

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Created: Zeng Zhongyao                                                              | Reviewed: Zoe Peng                                                                  | Approved: Ella Gong                                                                   |
|  |  |  |
| 2026/08/23                                                                          | 2026/09/14                                                                          | 2026/09/14                                                                            |

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

| Version | Revision Content | Issue Date | Approved  |
|---------|------------------|------------|-----------|
| V0      | Initial issue    | 2026/09/14 | Ella Gong |
|         |                  |            |           |

## 1. General Test Information

### 1.1. Description of EUT

|                            |   |                                             |
|----------------------------|---|---------------------------------------------|
| EUT Name                   | : | Nitro Deck 2                                |
| Model Number               | : | CK26N2                                      |
| Difference of model number | : | /                                           |
| EUT Function Description   | : | Please reference user manual of this device |
| Power Supply               | : | Input: 5V=1A<br>Battery: 3.7V, 600mAh       |
| Hardware Version           | : | V1.16C                                      |
| Software Version           | : | V2.0                                        |

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual.

### 1.2. Accessories of EUT

| Accessories | Manufacturer | Model number | Description |
|-------------|--------------|--------------|-------------|
| /           | /            | /            | /           |

### 1.3. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: [ddt@dgddt.com](mailto:ddt@dgddt.com).

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

## 2. RF Exposure evaluation for FCC

### 2.1. Assessment procedure

According to 447498 D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq$  50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})]$

$\cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR, where:

$f(\text{GHz})$  is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

### 2.2. Assess result

**Manufacturing Tolerance:**

Bluetooth:

| Mode                 | Antenna | Frequency [MHz] | Target (dBm) | Tolerance $\pm$ (dB) |
|----------------------|---------|-----------------|--------------|----------------------|
| GFSK (Peak)          | Ant1    | 2402            | 3            | 1                    |
|                      |         | 2441            | 4            | 1                    |
|                      |         | 2480            | 3            | 1                    |
| $\pi/4$ DQPSK (Peak) | Ant1    | 2402            | 4            | 1                    |
|                      |         | 2441            | 4            | 1                    |
|                      |         | 2480            | 3            | 1                    |

Bluetooth LE:

| Mode                   | Antenna | Frequency [MHz] | Target (dBm) | Tolerance $\pm$ (dB) |
|------------------------|---------|-----------------|--------------|----------------------|
| Bluetooth LE 1M (Peak) | Ant1    | 2402            | 3            | 1                    |
|                        |         | 2440            | 4            | 1                    |
|                        |         | 2480            | 3            | 1                    |

**Estimation Result:**

Worse case is as below: [2441 MHz, 4 dBm, (2.51 mW) output power]

$(2.51/5) \cdot [\sqrt{2.441(\text{GHz})}] = 0.784 < 3.0$  for 1-g SAR

Then SAR evaluation is not required.

-----End Report-----