

RF Exposure Report

Report No.: SA180403E04

FCC ID: 2AAP4-GYGPRO1T

Test Model: GYGPRO1-T

Received Date: Apr. 10, 2018

Test Date: May 07, 2018

Issued Date: June 13, 2018

Applicant: Game Your Game, Inc.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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**FCC Registration /
Designation Number:** 723255 / TW2022

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Release Control Record

| Issue No. | Description | Date Issued |
|-------------|-------------------|---------------|
| SA180403E04 | Original release. | June 13, 2018 |

1 Certificate of Conformity

Product: Digital golf tracking system

Brand: Game Golf

Test Model: GYGPRO1-T

Sample Status: R&D SAMPLE

Applicant: Game Your Game, Inc.

Test Date: May 07, 2018

Standards: FCC Part 2 (Section 2.1093)

KDB 447498 D01 General RF Exposure Guidance v06

IEEE C95.1-1992

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : Mary Ko , **Date:** June 13, 2018
Mary Ko / Specialist

Approved by : May Chen , **Date:** June 13, 2018
May Chen / Manager

2 Evaluation Result

Following FCC KDB 447498 D01 “General SAR test exclusion guidance”

The corresponding SAR Exclusion Threshold condition, listed below:

- 1) The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
$$\frac{[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$
 - $f(\text{GHz})$ 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. The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.
- 2) At 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following:
 - a) [Threshold at 50 mm in step 1) + (test separation distance - 50mm) · (f(MHz)/150)] mW, at 100MHz to 1500 MHz
 - b) [Threshold at 50 mm in step 1) + (test separation distance - 50 mm) · 10] mW at > 1500 MHz and ≤ 6 GHz
- 3) At frequencies below 100 MHz, the following may be considered for SAR test exclusion.
 - a) The threshold at the corresponding test separation distance at 100 MHz in step 2) is multiplied by $[1 + \log(100/f(\text{MHz}))]$ for test separation distances > 50 mm and < 200 mm.
 - b) The threshold determined by the equation in a) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$ for test separation distances ≤ 50 mm.
 - c) SAR measurement procedures are not established below 100 MHz. When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any test results to be acceptable.

3 SAR Test Exclusion Thresholds

BT-LE Avg. Power Table

| Channel | Frequency (MHz) | Avg. Power | |
|---------|-----------------|------------|-------|
| | | (mW) | (dBm) |
| 0 | 2402 | 1.132 | 0.54 |
| 20 | 2442 | 1.413 | 1.50 |
| 39 | 2480 | 1.148 | 0.60 |

For BT-LE SAR Test Exclusion Thresholds

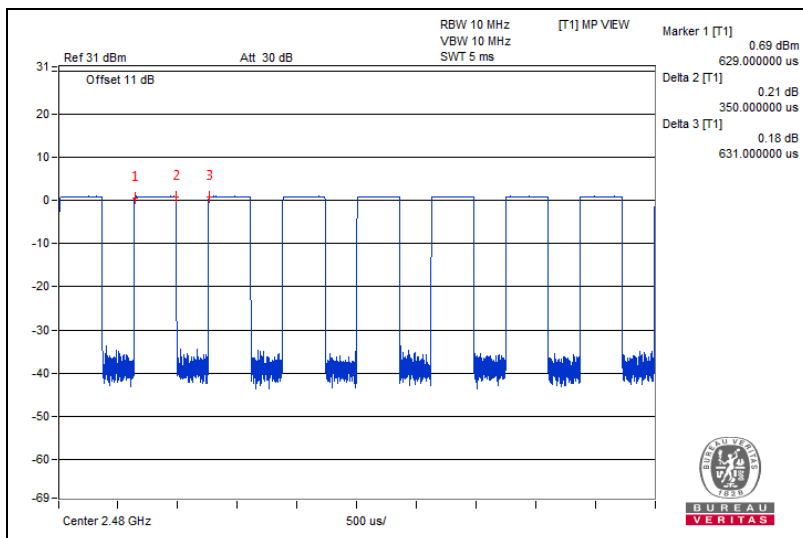
| Frequency (MHz) | Max Avg. Power (dBm) | *Max Time Avg. Power (dBm) | Max Time Avg. Power (mW) | SAR test exclusion calculation value ^(NOTE 1) | 1-g SAR test exclusion thresholds | Result |
|-----------------|----------------------|----------------------------|--------------------------|--|-----------------------------------|--------|
| 2402 ~ 2480 | 1.50 | -1.06 | 0.783 | 0.2447 | 3 | Pass |

NOTE: 1. Calculate SAR test exclusion thresholds from condition "1" formulas.
 2. *Time Avg. Power= Avg. Power+Duty factor

BT-LE Duty Cycle of Test Signal

| Duty Cycle | Tx on (ms) | Tx total (ms) | Duty Factor (dB) |
|------------|------------|---------------|------------------|
| | | 0.35 | 0.631 |

Duty Factor = $10 * \log(\text{Tx on} / \text{Tx total})$



4 Conclusion

Since Source-base time average power is below SAR test exclusion power thresholds, the SAR evaluation is not required.

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