



# FCC PART 15B

# TEST REPORT

For

# **CLC HONG KONG LIMITED**

802, 8/F., Harbour Centre Tower 1, No.1 Hok Cheung St., Hung Hom, Kowloon, Hong Kong

FCC ID: 2AG4WGATOR7

| Report Type:     |                               | Product Type:                                  |
|------------------|-------------------------------|--|
| Original Report  |                               | Gator 7  |
| Test Engineer:   | Walker Chen, Alex<br>Asa Chen | Hu, Asa Chon Alex HU Walker Chon               |
| Report Number:   | DG1210429-1460                | 52E-00A  |
| Report Date:     | 2021-07-08                    |  |
| Reviewed By:     | Allen Qiao<br>RF Supervisor   | Anny Dino                                      |
| Test Laboratory: | No.12, Pulong Ea              | Oongguan, Guangdong, China<br>358888<br>858891 |

# **TABLE OF CONTENTS**

| General InformationGeneral Information             | 3  |
|--|----|
| PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) | 3  |
| OBJECTIVE  |    |
| TEST METHODOLOGY                                   | 3  |
| MEASUREMENT UNCERTAINTY                            | 3  |
| TEST FACILITY                                      | 4  |
| DECLARATIONS                                       | 4  |
| System Test Configuration                          | 5  |
| DESCRIPTION OF TEST CONFIGURATION                  | 5  |
| EQUIPMENT MODIFICATIONS                            | 5  |
| EUT Exercise Software                              | 5  |
| SUPPORT EQUIPMENT LIST AND DETAILS                 | 5  |
| SUPPORT CABLE LIST AND DETAILS                     | 5  |
| BLOCK DIAGRAM OF TEST SETUP                        |    |
| TEST EQUIPMENT LIST                                |    |
| ENVIRONMENTAL CONDITIONS                           | 7  |
| Sumary of Test Results                             | 8  |
| FCC Part 15B §15.107 – Conducted emissions         | 9  |
| EUT SETUP  | 9  |
| EMI TEST RECEIVER SETUP                            | 9  |
| TEST PROCEDURE                                     | 10 |
| CORRECTED AMPLITUDE & MARGIN CALCULATION           |    |
| Test Data  | 11 |
| FCC Part 15B §15.109 – Radiated emissions          | 13 |
| EUT SETUP  |    |
| EMI TEST RECEIVER SETUP                            | 14 |
| TEST PROCEDURE                                     | 14 |
| CORRECTED AMPLITUDE & MARGIN CALCULATION           | 14 |
| Test Data  | 16 |

#### **GENERAL INFORMATION**

## **Product Description for Equipment under Test (EUT)**

|                           | EUT Name:          | Gator 7                                   |
|---------------------------|--------------------|---|
|                           | <b>EUT Model:</b>  | Z570                                      |
| Highest Ope               | eration Frequency: | 5240 MHz                                  |
| Ra                        | ted Input Voltage: | 5Vdc from Adapter or 3.85Vdc from Battery |
| 4.1                       | Model:             | PMC45                                     |
| Adapter<br>Information    | Input:             | 100-240Vac 50/60Hz 0.3A                   |
| Throi mation              | Output:            | 5.0Vdc, 2.0A, 10.0W                       |
| Serial Number:            |                    | DG1210429-14662E-RF-S1                    |
| <b>EUT Received Date:</b> |                    | 2021.04.29                                |
| EU'                       | T Received Status: | Good                                      |

Report No.: DG1210429-14662E-00A

## **Objective**

This report is prepared on behalf of *CLC HONG KONG LIMITED* in accordance with FCC Part 15B Part 2, Part J, and Part 15, Subpart A and B of the Federal Communications Commission's rules.

The objective is to determine the compliance of EUT with: FCC Part 15B.

## **Test Methodology**

All measurements contained in this report were conducted with ANSI C63.4-2014 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

### **Measurement Uncertainty**

| Parameter                         | Measurement Uncertainty                                  |
|-----------------------------------|--|
|                                   | 30M~200MHz: 4.58 dB for Horizontal, 4.59 dB for Vertical |
| Unwanted Emissions, radiated      | 200M~1GHz: 4.83 dB for Horizontal, 5.85 dB for Vertical  |
|                                   | 1G~6GHz: 4.45 dB, 6G~13GHz: 5.23 dB                      |
| Temperature                       | ±1 ℃   |
| Humidity                          | ±5%  |
| AC Power Lines Conducted Emission | 3.12 dB (150 kHz to 30 MHz)                              |

Note: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

FCC Part 15B Page 3 of 25

#### **Test Facility**

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1<sup>st</sup> Road, Tangxia Town, Dongguan, Guangdong, China.

Report No.: DG1210429-14662E-00A

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No.: 897218, the FCC Designation No.: CN1220.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

#### **Declarations**

BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "▲". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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FCC Part 15B Page 4 of 25

# **SYSTEM TEST CONFIGURATION**

## **Description of Test Configuration**

The system was configured for testing in typical use mode.

# **Equipment Modifications**

No modification was made to the EUT.

### **EUT Exercise Software**

The software "Winthrax.exe" was used during test.

## **Support Equipment List and Details**

| Manufacturer | Description     | Model         | Serial Number        |  |
|--------------|-----------------|---------------|----------------------|--|
| ThinkPad     | Laptop          | E450          | PF-0MR8KV 16/08      |  |
| DELL         | Laptop          | PP11L         | QDS-BRCM1017         |  |
| DELL         | Mouse           | MO56UOA       | F0Y02P7Y             |  |
| DELL         | Keyboard        | L100          | CNORH656658907BL05DC |  |
| zioncom      | Wireless Router | A3700R        | 200622002S1          |  |
| D-Link       | Router          | DGS-1100-08PD | S01Z1H000012         |  |

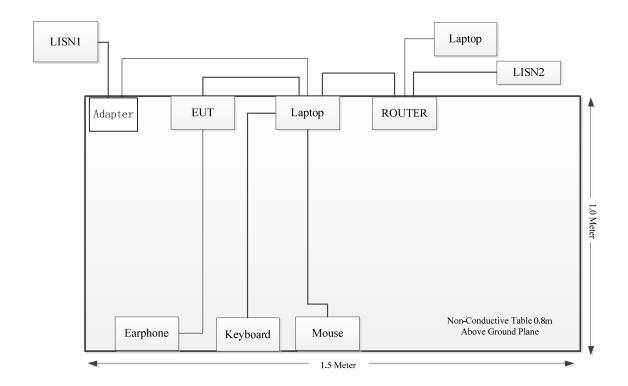
Report No.: DG1210429-14662E-00A

# **Support Cable List and Details**

| Cable Description | Shielding<br>Type | Ferrite Core | Length (m) | From Port | То       |
|-------------------|-------------------|--------------|------------|-----------|----------|
| USB Cable         | No                | No           | 1.5        | Laptop    | Keyboard |
| USB Cable         | No                | No           | 1.5        | Laptop    | Mouse    |
| Network Cable     | No                | No           | 10         | Router    | Laptop   |
| USB Cable         | No                | No           | 1.5        | Laptop    | EUT      |

FCC Part 15B Page 5 of 25

# **Block Diagram of Test Setup**



FCC Part 15B Page 6 of 25

## **Test Equipment List**

| Manufacturer             | Description          | Model                | Serial Number      | Calibration<br>Date | Calibration<br>Due Date |
|--------------------------|----------------------|----------------------|--------------------|---------------------|-------------------------|
|                          |                      | Conducted emis       | sions              |                     |                         |
| R&S                      | LISN                 | ENV 216              | 101614             | 2020-09-12          | 2021-09-12              |
| R&S                      | EMI Test<br>Receiver | ESCI                 | 101121             | 2020-07-07          | 2021-07-07              |
| MICRO-COAX               | Coaxial<br>Cable     | C-NJNJ-50            | C-0200-01          | 2020-09-05          | 2021-09-05              |
| R&S                      | Test<br>Software     | EMC32                | Version 9.10.00    | N/A                 | N/A                     |
|                          |                      | Radiated emissions B |                    | 1                   |                         |
| Sunol Sciences           | Antenna              | JB3                  | A060611-2          | 2020-08-25          | 2023-08-25              |
| R&S                      | EMI Test<br>Receiver | ESCI                 | 100224             | 2020-09-12          | 2021-09-12              |
| Unknown                  | Coaxial<br>Cable     | C-NJNJ-50            | C-1000-01          | 2020-09-05          | 2021-09-05              |
| Unknown                  | Coaxial<br>Cable     | C-NJNJ-50            | C-0400-02          | 2020-09-05          | 2021-09-05              |
| Unknown                  | Coaxial<br>Cable     | C-NJNJ-50            | C-0530-01          | 2020-09-24          | 2021-09-24              |
| Sonoma                   | Amplifier            | 310N                 | 185914             | 2020-10-13          | 2021-10-13              |
| Farad                    | Test<br>Software     | EZ-EMC               | V1.1.4.2           | N/A                 | N/A                     |
|                          |                      | Radiated emissions A | bove 1GHz          |                     |                         |
| ETS-Lindgren             | Horn<br>Antenna      | 3115                 | 9912-5985          | 2020-10-13          | 2023-10-12              |
| Ducommun<br>Technolagies | Horn<br>Antenna      | ARH-4223-02          | 1007726-01<br>1304 | 2020-12-05          | 2023-12-04              |
| Ducommun<br>Technolagies | Horn<br>Antenna      | ARH-2823-02          | 1007726-01<br>1302 | 2020-12-05          | 2023-12-04              |
| R&S                      | Spectrum<br>Analyzer | FSP 38               | 100478             | 2020-07-07          | 2021-07-07              |
| HUBER+SUHNER             | Coaxial<br>Cable     | SUCOFLEX 126EA       | MY369/26/26EA      | 2020-09-25          | 2021-09-25              |
| Mini                     | Pre-amplifier        | ZVA-183-S+           | 5969001149         | 2020-09-05          | 2021-09-05              |
| Quinstar                 | Amplifier            | QLW-18405536-JO      | 15964001001        | 2020-06-27          | 2021-06-27              |
| Farad                    | Test<br>Software     | EZ-EMC               | V1.1.4.2           | N/A                 | N/A                     |

<sup>\*</sup> Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

## **Environmental Conditions**

| Environmental conditions |   |            |                                    |  |  |  |
|--------------------------|---|------------|------------------------------------|--|--|--|
| Test Item:               | Conducted Radiated emissions (Below 1GHz) |            | Radiated emissions<br>(Above 1GHz) |  |  |  |
| Temperature:             | 25.8°C                                    | 24.6°C     | 29.7°C                             |  |  |  |
| Relative Humidity:       | 67%                                       | 53.5%      | 61%                                |  |  |  |
| ATM Pressure:            | 100.5kPa                                  | 100.4kPa   | 100.4kPa                           |  |  |  |
| Tester:                  | Walker Chen                               | Asa Chen   | Alex Hu                            |  |  |  |
| Test Date:               | 2021-05-25                                | 2021-05-27 | 2021-05-17                         |  |  |  |

FCC Part 15B Page 7 of 25

# **SUMARY OF TEST RESULTS**

## FCC Part 15B

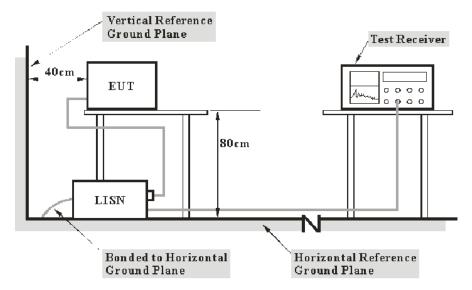
| Clause  | Description of Test | Test Result |
|---------|---------------------|-------------|
| §15.107 | Conducted emissions | Compliance  |
| §15.109 | Radiated emissions  | Compliance  |

Report No.: DG1210429-14662E-00A

FCC Part 15B Page 8 of 25

## FCC PART 15B §15.107 – CONDUCTED EMISSIONS

## **EUT Setup**



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The adapter was connected to the main LISN with a 120 V/60 Hz AC power source.

### **EMI Test Receiver Setup**

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

| Frequency Range  | IF B/W |  |
|------------------|--------|--|
| 150 kHz – 30 MHz | 9 kHz  |  |

FCC Part 15B Page 9 of 25

#### **Test Procedure**

During the conducted emission test, the adapter or EUT was connected to the first LISN.

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

Report No.: DG1210429-14662E-00A

#### **Corrected Amplitude & Margin Calculation**

The basic equation is as follows:

Result (QuasiPeak or Average) = Meter Reading + Corr.

Note:

Corr. = Cable loss + Factor of coupling device

The "Margin" column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin = Limit - Result

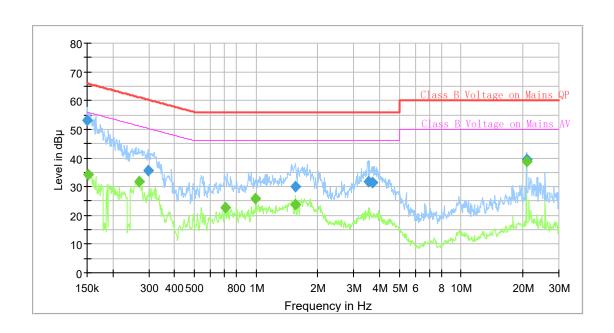
FCC Part 15B Page 10 of 25

Please refer to following table and plots:

Port:

Test Mode: Downloading Power Source: AC 120V/60Hz

Note:



Report No.: DG1210429-14662E-00A

# **Final Result**

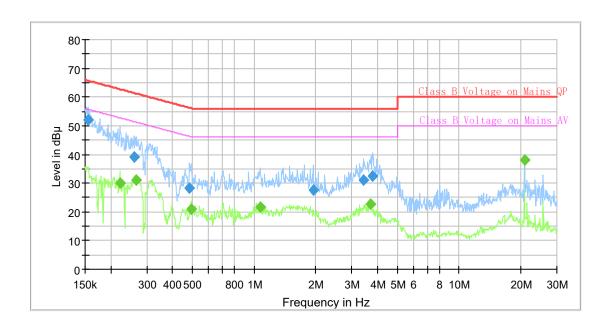
| Erogueney | QuasiPeak | Averes  | Limit  | Marain | Bandwidth | Line  | Corr. |
|-----------|-----------|---------|--------|--------|-----------|-------|-------|
| Frequency |           | Average | _      | Margin |           | Lille | _     |
| (MHz)     | (dBµV)    | (dBµV)  | (dBµV) | (dB)   | (kHz)     |       | (dB)  |
| 0.150750  | 53.02     |         | 65.96  | 12.94  | 9.000     | L1    | 9.6   |
| 0.152261  |           | 34.41   | 55.88  | 21.47  | 9.000     | L1    | 9.6   |
| 0.270201  |           | 31.68   | 51.11  | 19.43  | 9.000     | L1    | 9.6   |
| 0.297058  | 35.71     |         | 60.32  | 24.61  | 9.000     | L1    | 9.6   |
| 0.707516  |           | 22.76   | 46.00  | 23.24  | 9.000     | L1    | 9.7   |
| 0.998148  |           | 25.74   | 46.00  | 20.26  | 9.000     | L1    | 9.7   |
| 1.563653  | 29.99     |         | 56.00  | 26.01  | 9.000     | L1    | 9.7   |
| 1.563653  |           | 23.80   | 46.00  | 22.20  | 9.000     | L1    | 9.7   |
| 3.525400  | 31.87     |         | 56.00  | 24.13  | 9.000     | L1    | 9.7   |
| 3.705689  | 31.47     |         | 56.00  | 24.53  | 9.000     | L1    | 9.7   |
| 20.916663 |           | 38.94   | 50.00  | 11.06  | 9.000     | L1    | 10.0  |
| 20.916663 | 39.49     |         | 60.00  | 20.51  | 9.000     | L1    | 10.0  |

FCC Part 15B Page 11 of 25

Port:

Test Mode: Downloading
Power Source: AC 120V/60Hz

Note:



# **Final Result**

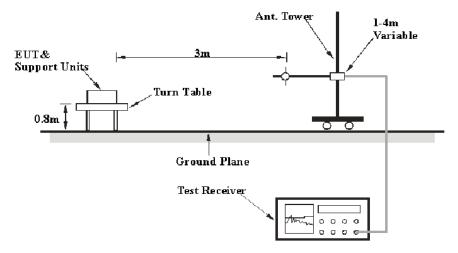
| <u>ao</u> | <del>ou.</del> t |         |        |        |           |      |       |
|-----------|------------------|---------|--------|--------|-----------|------|-------|
| Frequency | QuasiPeak        | Average | Limit  | Margin | Bandwidth | Line | Corr. |
| (MHz)     | (dBµV)           | (dBµV)  | (dBµV) | (dB)   | (kHz)     |      | (dB)  |
| 0.155329  | 51.97            |         | 65.71  | 13.74  | 9.000     | N    | 9.6   |
| 0.221332  |                  | 29.89   | 52.77  | 22.88  | 9.000     | N    | 9.6   |
| 0.259632  | 39.11            |         | 61.44  | 22.33  | 9.000     | N    | 9.6   |
| 0.266188  |                  | 31.19   | 51.24  | 20.05  | 9.000     | N    | 9.6   |
| 0.484301  | 28.37            |         | 56.26  | 27.89  | 9.000     | N    | 9.6   |
| 0.491602  |                  | 21.13   | 46.14  | 25.01  | 9.000     | N    | 9.6   |
| 1.070335  |                  | 21.57   | 46.00  | 24.43  | 9.000     | N    | 9.6   |
| 1.947363  | 27.60            |         | 56.00  | 28.40  | 9.000     | N    | 9.6   |
| 3.421464  | 30.99            |         | 56.00  | 25.01  | 9.000     | N    | 9.6   |
| 3.705689  |                  | 22.60   | 46.00  | 23.40  | 9.000     | N    | 9.6   |
| 3.799262  | 32.44            |         | 56.00  | 23.56  | 9.000     | N    | 9.6   |
| 20.916663 |                  | 37.96   | 50.00  | 12.04  | 9.000     | N    | 9.9   |

FCC Part 15B Page 12 of 25

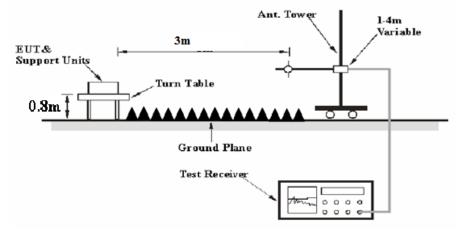
# FCC PART 15B §15.109 – RADIATED EMISSIONS

## **EUT Setup**

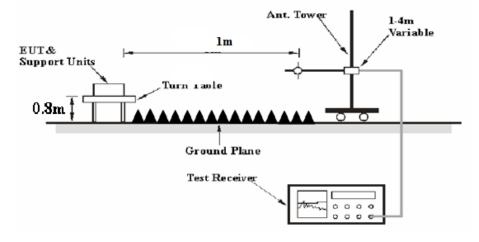
#### **Below 1GHz:**



#### **Above 1-26.5 GHz:**



### 26.5-30 GHz:



FCC Part 15B Page 13 of 25 The radiated emission below 1GHz tests were performed in the 10 meters chamber test site, above 1GHz tests were performed in the 3 meters chamber test site A, using the setup accordance with the ANSI C63.4-2014. The specification used was with the FCC Part 15 B Class B limits.

### **EMI Test Receiver Setup**

The system was investigated from 30 MHz to 30 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

| Frequency Range   | RBW     | Video B/W               | IF B/W  | Measurement |
|-------------------|---------|-------------------------|---------|-------------|
| 30 MHz – 1000 MHz | 120 kHz | 300 kHz                 | 120 kHz | QP          |
|                   | 1 MHz   | 3 MHz                   | /       | Peak        |
| Above 1 GHz       | 1 MHz   | Reduced video bandwidth | /       | AVG         |

#### **Test Procedure**

During the radiated emissions, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz, peak and average detection mode above 1 GHz.

According to C63.4, the above 1G test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1m

Distance extrapolation Factor = 20 log (specific distance [3m]/test distance [1m]) dB= 9.54 dB

All emissions under the average limit and under the noise floor have not recorded in the report.

#### **Corrected Amplitude & Margin Calculation**

For the range 30MHz-1GHz, the Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Corrected Amplitude = Meter Reading + Antenna Factor + Cable Loss - Amplifier Gain

The "Margin" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin = Limit - Corrected Amplitude

FCC Part 15B Page 14 of 25

Report No.: DG1210429-14662E-00A

For the range 1GHz-40GHz, Test performed at 1.5m or 1m, the Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading and the Distance extrapolation Factor. The basic equation is as follows:

#### Corrected Amplitude

= Meter Reading + Antenna Factor + Cable Loss - Amplifier Gain-Distance extrapolation factor

The "Margin" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin = Limit- Corrected Amplitude

FCC Part 15B Page 15 of 25

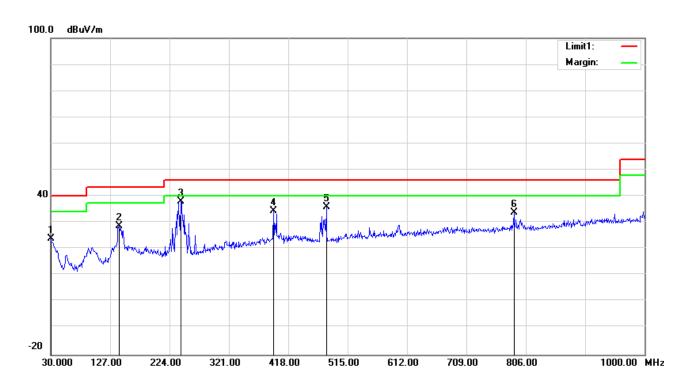
## **Test Data**

Please refer to following table and plots:

Condition:FCC Part 15B Class BPolarization:HorizontalEUT:Gator 7Power:DC 5VModel:Z570Distance:3m

**Test Mode:** Downloading

Note:



| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 30.0000   | 28.17   | peak     | -4.10     | 24.07    | 40.00    | 15.93  |
| 2   | 141.5500  | 37.91   | peak     | -9.17     | 28.74    | 43.50    | 14.76  |
| 3   | 242.4300  | 47.81   | peak     | -9.87     | 37.94    | 46.00    | 8.06   |
| 4   | 393.7500  | 39.99   | peak     | -5.42     | 34.57    | 46.00    | 11.43  |
| 5   | 480.0800  | 39.84   | peak     | -3.82     | 36.02    | 46.00    | 9.98   |
| 6   | 786.6000  | 32.77   | peak     | 1.04      | 33.81    | 46.00    | 12.19  |

FCC Part 15B Page 16 of 25

Vertical

DC 5V

3m

Polarization:

Power:

**Distance:** 

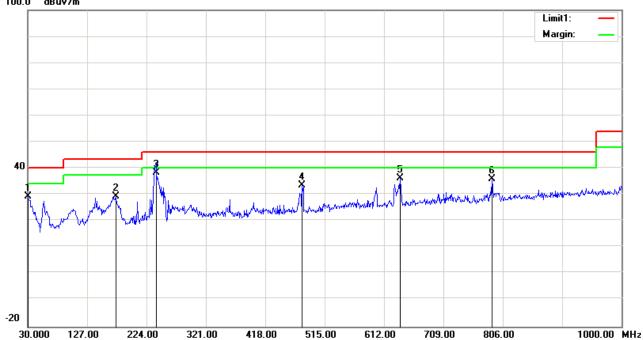
**Condition:** FCC Part 15B Class B

**EUT:** Gator 7 Model: Z570

**Test Mode:** Downloading

Note:





| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 30.0000   | 33.55   | peak     | -4.10     | 29.45    | 40.00    | 10.55  |
| 2   | 173.5600  | 38.87   | peak     | -9.66     | 29.21    | 43.50    | 14.29  |
| 3   | 239.5200  | 48.55   | QP       | -10.05    | 38.50    | 46.00    | 7.50   |
| 4   | 478.1400  | 37.42   | peak     | -3.80     | 33.62    | 46.00    | 12.38  |
| 5   | 638.1900  | 37.05   | peak     | -0.78     | 36.27    | 46.00    | 9.73   |
| 6   | 788.5400  | 34.89   | peak     | 1.15      | 36.04    | 46.00    | 9.96   |

FCC Part 15B Page 17 of 25

Horizontal

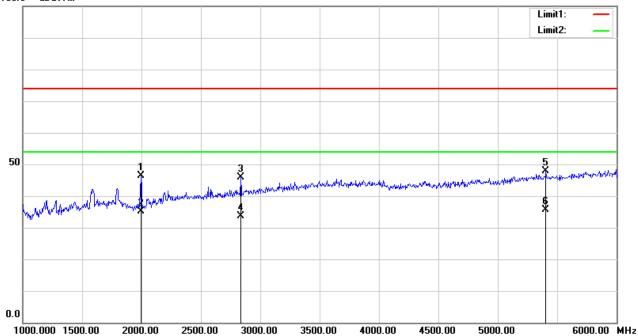
Condition:FCC Part 15B Class B PeakPolarization:EUT:Gator 7Power:

EUT: Gator 7 Power: DC 5V Model: Z570 Distance: 3m

Test Mode: Downloading

Note:





| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 1997.500  | 44.62   | peak     | 1.67      | 46.29    | 74.00    | 27.71  |
| 2   | 1997.500  | 33.47   | AVG      | 1.67      | 35.14    | 54.00    | 18.86  |
| 3   | 2837.500  | 41.36   | peak     | 4.45      | 45.81    | 74.00    | 28.19  |
| 4   | 2837.500  | 29.25   | AVG      | 4.45      | 33.70    | 54.00    | 20.30  |
| 5   | 5405.000  | 36.74   | peak     | 11.11     | 47.85    | 74.00    | 26.15  |
| 6   | 5405.000  | 24.57   | AVG      | 11.11     | 35.68    | 54.00    | 18.32  |

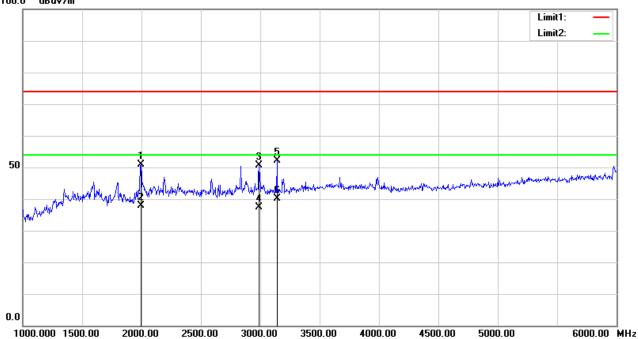
FCC Part 15B Page 18 of 25

Condition:FCC Part 15B Class B PeakPolarization:VerticalEUT:Gator 7Power:DC 5VModel:Z570Distance:3m

**Test Mode:** Downloading

Note:





| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 1997.500  | 49.22   | peak     | 1.67      | 50.89    | 74.00    | 23.11  |
| 2   | 1997.500  | 36.16   | AVG      | 1.67      | 37.83    | 54.00    | 16.17  |
| 3   | 2992.500  | 45.34   | peak     | 5.26      | 50.60    | 74.00    | 23.40  |
| 4   | 2992.500  | 32.18   | AVG      | 5.26      | 37.44    | 54.00    | 16.56  |
| 5   | 3142.500  | 46.10   | peak     | 6.03      | 52.13    | 74.00    | 21.87  |
| 6   | 3142.500  | 34.08   | AVG      | 6.03      | 40.11    | 54.00    | 13.89  |

FCC Part 15B Page 19 of 25

Horizontal

DC 5V

3m

Polarization:

Power:

Distance:

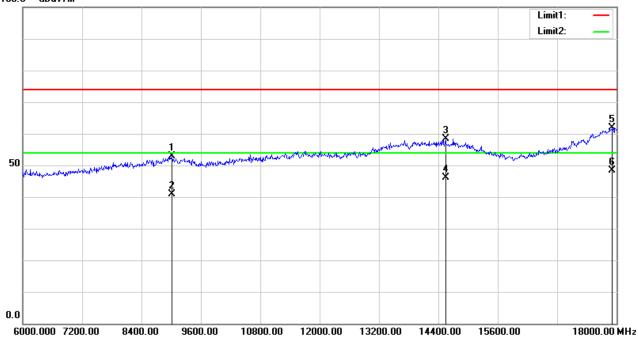
**Condition:** FCC Part 15B Class B Peak

EUT: Gator 7
Model: Z570

**Test Mode:** Downloading

Note:

#### 100.0 dBuV/m



| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 9018.000  | 36.69   | peak     | 16.18     | 52.87    | 74.00    | 21.13  |
| 2   | 9018.000  | 24.72   | AVG      | 16.18     | 40.90    | 54.00    | 13.10  |
| 3   | 14544.000 | 36.31   | peak     | 22.00     | 58.31    | 74.00    | 15.69  |
| 4   | 14544.000 | 24.21   | AVG      | 22.00     | 46.21    | 54.00    | 7.79   |
| 5   | 17916.000 | 33.51   | peak     | 28.28     | 61.79    | 74.00    | 12.21  |
| 6   | 17916.000 | 20.10   | AVG      | 28.28     | 48.38    | 54.00    | 5.62   |

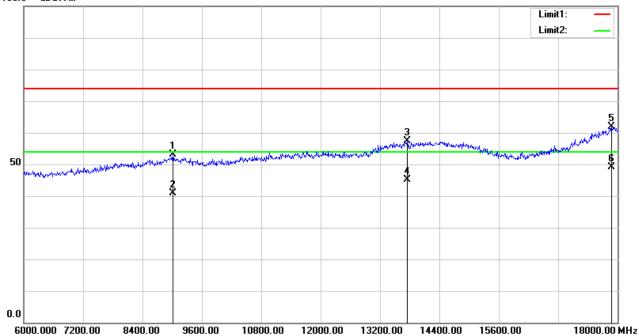
FCC Part 15B Page 20 of 25

Condition:FCC Part 15B Class B PeakPolarization:VerticalEUT:Gator 7Power:DC 5VModel:Z570Distance:3m

**Test Mode:** Downloading

Note:





| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 9012.000  | 36.86   | peak     | 16.20     | 53.06    | 74.00    | 20.94  |
| 2   | 9012.000  | 24.71   | AVG      | 16.20     | 40.91    | 54.00    | 13.09  |
| 3   | 13752.000 | 36.34   | peak     | 20.97     | 57.31    | 74.00    | 16.69  |
| 4   | 13752.000 | 24.25   | AVG      | 20.97     | 45.22    | 54.00    | 8.78   |
| 5   | 17886.000 | 33.74   | peak     | 28.12     | 61.86    | 74.00    | 12.14  |
| 6   | 17886.000 | 20.97   | AVG      | 28.12     | 49.09    | 54.00    | 4.91   |

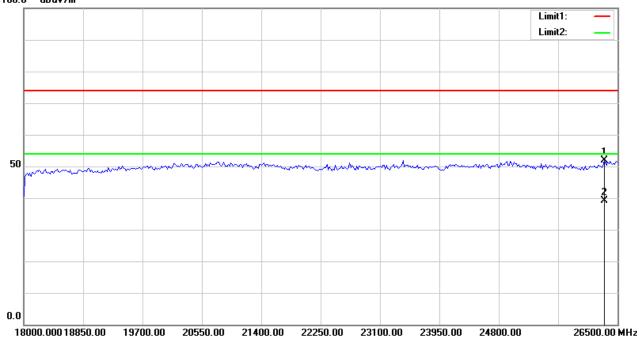
FCC Part 15B Page 21 of 25

Condition:FCC Part 15B Class B PeakPolarization:HorizontalEUT:Gator 7Power:DC 5VModel:Z570Distance:3m

**Test Mode:** Downloading

Note:





| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 26312.625 | 41.18   | peak     | 10.73     | 51.91    | 74.00    | 22.09  |
| 2   | 26312.625 | 28.39   | AVG      | 10.73     | 39.12    | 54.00    | 14.88  |

FCC Part 15B Page 22 of 25

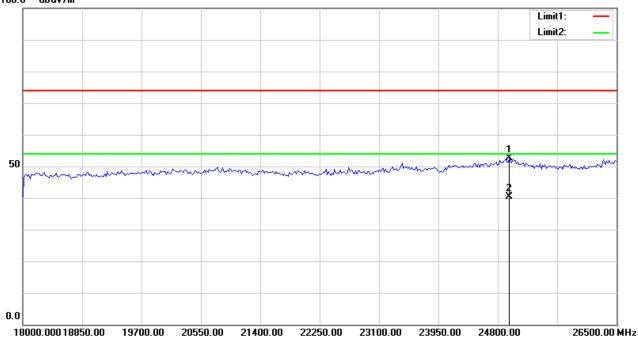
**Condition:** FCC Part 15B Class B Peak Polarization:

Vertical **EUT:** Gator 7 Power: DC 5V Model: Z570 **Distance:** 3m

**Test Mode:** Downloading

Note:





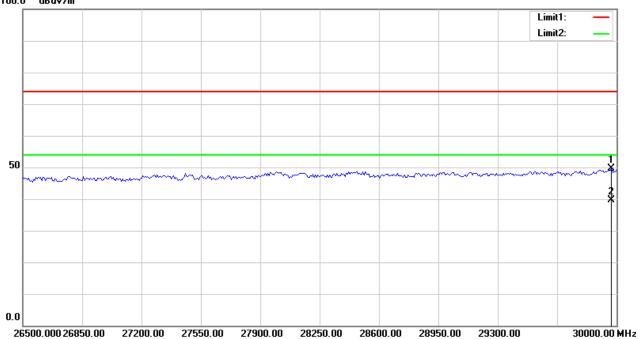
| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 24966.934 | 40.79   | peak     | 11.75     | 52.54    | 74.00    | 21.46  |
| 2   | 24966.934 | 28.56   | AVG      | 11.75     | 40.31    | 54.00    | 13.69  |

FCC Part 15B Page 23 of 25 Condition:FCC Part 15B Class B PeakPolarization:HorizontalEUT:Gator 7Power:DC 5VModel:Z570Distance:3m

**Test Mode:** Downloading

Note:





| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 29971.944 | 44.09   | peak     | 5.51      | 49.60    | 74.00    | 24.40  |
| 2   | 29971.944 | 34.10   | AVG      | 5.51      | 39.61    | 54.00    | 14.39  |

FCC Part 15B Page 24 of 25

Report No.: DG1210429-14662E-00A

Vertical

DC 5V

3m

**Polarization:** 

Power:

**Distance:** 

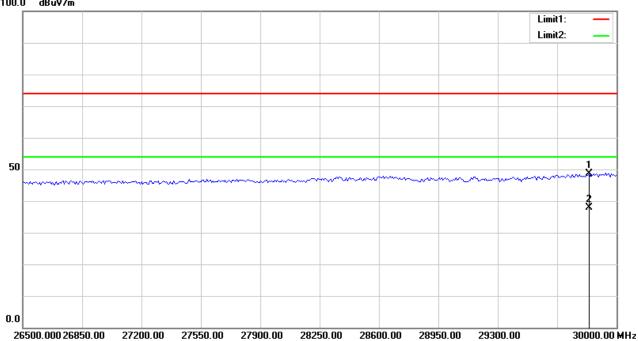
FCC Part 15B Class B Peak **Condition:** 

**EUT:** Gator 7 Model: Z570

Downloading **Test Mode:** 

Note:





| No. | Frequency | Reading | Detector | Corrected | Result   | Limit    | Margin |
|-----|-----------|---------|----------|-----------|----------|----------|--------|
|     | (MHz)     | (dBµV)  |          | (dB/m)    | (dBµV/m) | (dBµV/m) | (dB)   |
| 1   | 29838.677 | 43.83   | peak     | 4.84      | 48.67    | 74.00    | 25.33  |
| 2   | 29838.677 | 33.10   | AVG      | 4.84      | 37.94    | 54.00    | 16.06  |

\*\*\*\*\*END OF REPORT\*\*\*\*

FCC Part 15B Page 25 of 25