



FCC REPORT

Applicant: Teladoc Health, Inc.
Address of Applicant: 150 W. Evelyn, Suite 150, Mountain View, CA 94041
Equipment Under Test (EUT)
Product Name: Livongo Blood Glucose Monitoring System
Model No.: BG1000
Trade mark: 
FCC ID: 2AA92LV02799
Applicable standards: FCC CFR Title 47 Part 15 Subpart B
Date of sample receipt: 04 Jul., 2021
Date of Test: 05 Jul., to 23 Nov., 2021
Date of report issued: 13 Dec., 2021
Test Result: PASS *

* In the configuration tested, the EUT complied with the standards specified above.

| | | | |
|---------------------|--|--------------|----------------------|
| Tested by: | <u>Mike Ou</u> Test Engineer | Date: | <u>13 Dec., 2021</u> |
| Reviewed by: |  Winner Wang Project Engineer | Date: | <u>13 Dec., 2021</u> |
| Approved by: | <u>Wang</u> Manager | Date: | <u>13 Dec., 2021</u> |

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2 Version

| Version No. | Date | Description |
|-------------|---------------|-------------|
| 00 | 13 Dec., 2021 | Original |
| | | |
| | | |
| | | |
| | | |

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4 Test Summary

| Test Item | Section in CFR 47 | Result |
|--|-------------------|--------|
| Conducted Emission | Part 15.107 | Pass |
| Radiated Emission | Part 15.109 | Pass |
| Remark: 1. Pass: The EUT complies with the essential requirements in the standard. | | |
| Test Method: | ANSI C63.4:2014 | |

5 General Information

5.1 Client Information

| | |
|---------------|---|
| Applicant: | Teladoc Health, Inc. |
| Address: | 150 W. Evelyn, Suite 150, Mountain View, CA 94041 |
| Manufacturer: | Teladoc Health, Inc. |
| Address: | 150 W. Evelyn, Suite 150, Mountain View, CA 94041 |

5.2 General Description of E.U.T.

| | | | |
|------------------------|---|--------------------|--------------------|
| Product Name: | Livongo Blood Glucose Monitoring System | | |
| Model No.: | BG1000 | | |
| Frequency Bands: | Band | TX Frequency (MHz) | RX Frequency (MHz) |
| | GSM850: | 824~849 | 869~894 |
| | GSM1900 | 1850~1910 | 1930~1990 |
| | WCDMA Band II: | 1850~1910 | 1930~1990 |
| | WCDMA Band IV: | 1710~1755 | 2110~2155 |
| | WCDMA Band V: | 824~849 | 869~894 |
| | LTE Band 2: | 1850~1910 | 1930~1990 |
| | LTE Band 4: | 1710~1755 | 2110~2155 |
| | LTE Band 5: | 824~849 | 869~894 |
| | LTE Band 12: | 699~716 | 729~746 |
| | LTE Band 66: | 1710~1780 | 2110~2200 |
| LTE Band 71: | 663~698 | 617~652 | |
| Power supply: | Rechargeable Li-ion Polymer Battery DC 3.85V, 2400mAh Manufacturer: ShenZhen BYD Lithium Battery Company Limited | | |
| AC adapter: | Adapter 1: Model: PSAA05E-050QL6W-R Input: AC100-240V, 50/60Hz, 0.2A Output: DC 5.0V, 1.0A Adapter 2: Model: PSAA05A-050QL6W-R Input: AC100-240V, 50/60Hz, 0.2A Output: DC 5.0V, 1.0A Adapter 3: Model: PSAA05K-050QL6W-R Input: AC100-240V, 50/60Hz, 0.2A Output: DC 5.0V, 1.0A Note: Only the pins are different between different models | | |
| Test Sample Condition: | The test samples were provided in good working order with no visible defects. | | |

5.3 Test Mode

| Operating mode | Detail description |
|----------------|--|
| TM 1 mode | Keep the EUT in Camera on + Adapter mode(Worst case) |
| TM 2 mode | Keep the EUT in GSM 850 idle + Adapter mode |
| TM 3 mode | Keep the EUT in PCS 1900 idle + Adapter mode |
| TM 4 mode | Keep the EUT in WCDMA Band II idle + Adapter mode |
| TM 5 mode | Keep the EUT in WCDMA Band IV idle + Adapter mode |
| TM 6 mode | Keep the EUT in WCDMA Band V idle + Adapter mode |
| TM 7 mode | Keep the EUT in LTE Band 2 idle + Adapter mode |
| TM 8 mode | Keep the EUT in LTE Band 4 idle + Adapter mode |
| TM 9 mode | Keep the EUT in LTE Band 5 idle + Adapter mode |
| TM 10 mode | Keep the EUT in LTE Band 12 idle + Adapter mode |
| TM 11 mode | Keep the EUT in LTE Band 66 idle + Adapter mode |
| TM 12 mode | Keep the EUT in LTE Band 71 idle + Adapter mode |

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

5.4 Measurement Uncertainty

| Parameter | Expanded Uncertainty (Confidence of 95%) |
|--|--|
| Conducted Emission (9kHz ~ 150kHz) for V-AMN | 3.11 dB |
| Conducted Emission (150kHz ~ 30MHz) for V-AMN | 2.62 dB |
| Conducted Emission (150kHz ~ 30MHz) for AAN | 3.54 dB |
| Radiated Emission (9kHz ~ 30MHz electric field) for 3m SAC | 3.13 dB |
| Radiated Emission (9kHz ~ 30MHz magnetic field) for 3m SAC | 3.13 dB |
| Radiated Emission (30MHz ~ 1GHz) for 3m SAC | 4.45 dB |
| Radiated Emission (1GHz ~ 18GHz) for 3m SAC | 5.34 dB |
| Radiated Emission (18GHz ~ 40GHz) for 3m SAC | 5.34 dB |

5.5 Description of Support Units

| Test Equipment | Manufacturer | Model No. | Serial No. |
|-------------------|-----------------|-----------|------------|
| Simulated Station | Rohde & Schwarz | CMW500 | 140493 |

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Description of Cable Used

| Cable Type | Vendor | Model Name | Description | Length |
|--------------------|---|--------------|-------------|--------|
| Detached USB Cable | Shenzhen BaoYuanda Electronics Co., LTD | B123W181-100 | Shielding | 100cm |

5.8 Additions to, deviations, or exclusions from the method

No

5.9 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

5.10 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://www.ccis-cb.com>

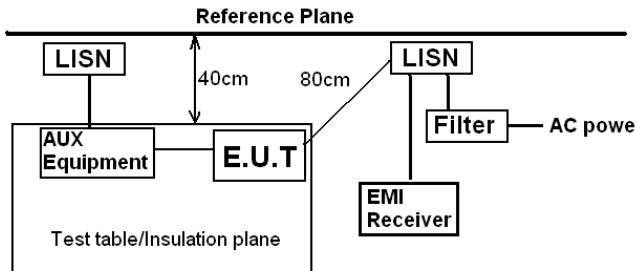
5.11 Test Instruments list

| Radiated Emission: | | | | | |
|---------------------------|---------------------|------------------|-------------------|----------------------------|--------------------------------|
| Test Equipment | Manufacturer | Model No. | Serial No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 3m SAC | ETS | RFD-100 | Q1984 | 04-14-2021 | 04-13-2024 |
| BiConiLog Antenna | SCHWARZBECK | VULB9163 | 9163-1246 | 03-07-2021 | 03-06-2022 |
| Biconical Antenna | SCHWARZBECK | VUBA 9117 | 9117#359 | 06-17-2021 | 06-17-2022 |
| Horn Antenna | SCHWARZBECK | BBHA9120D | 912D-916 | 03-07-2021 | 03-06-2022 |
| Broad-Band Horn Antenna | SCHWARZBECK | BBHA9170 | 1067 | 04-02-2021 | 04-01-2022 |
| Broad-Band Horn Antenna | SCHWARZBECK | BBHA9170 | 1068 | 04-02-2021 | 04-01-2022 |
| EMI Test Receiver | Rohde & Schwarz | ESRP7 | 101070 | 03-03-2021 | 03-02-2022 |
| Spectrum analyzer | Rohde & Schwarz | FSP30 | 101454 | 03-03-2021 | 03-02-2022 |
| Spectrum analyzer | Keysight | N9010B | MY60240202 | 11-27-2020 | 11-26-2021 |
| Low Pre-amplifier | SCHWARZBECK | BBV9743B | 00305 | 03-07-2021 | 03-06-2022 |
| High Pre-amplifier | SKET | LNPA_0118G-50 | MF280208233 | 03-07-2021 | 03-06-2022 |
| Cable | Qualwave | JYT3M-1G-NN-8M | JYT3M-1 | 03-07-2021 | 03-06-2022 |
| Cable | Qualwave | JYT3M-18G-NN-8M | JYT3M-2 | 03-07-2021 | 03-06-2022 |
| Cable | Qualwave | JYT3M-1G-BB-5M | JYT3M-3 | 03-07-2021 | 03-06-2022 |
| Cable | Bost | JYT3M-40G-SS-8M | JYT3M-4 | 04-02-2021 | 04-01-2022 |
| EMI Test Software | Tonscend | TS+ | Version:3.0.0.1 | | |

| Conducted Emission: | | | | | |
|----------------------------|---------------------|------------------|--------------------|-----------------------------|---------------------------------|
| Test Equipment | Manufacturer | Model No. | Serial No. | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| EMI Test Receiver | Rohde & Schwarz | ESCI 3 | 101189 | 03-03-2021 | 03-02-2022 |
| LISN | Rohde & Schwarz | ENV432 | 101602 | 04-06-2021 | 04-05-2022 |
| LISN | Rohde & Schwarz | ESH3-Z5 | 843862/010 | 06-18-2020 | 06-17-2022 |
| RF Switch | TOP PRECISION | RSU0301 | N/A | 03-03-2021 | 03-02-2022 |
| Cable | Bost | JYTCE-1G-NN-2M | JYTCE-1 | 03-03-2021 | 03-02-2022 |
| Cable | Bost | JYTCE-1G-BN-3M | JYTCE-2 | 03-03-2021 | 03-02-2022 |
| EMI Test Software | AUDIX | E3 | Version: 6.110919b | | |

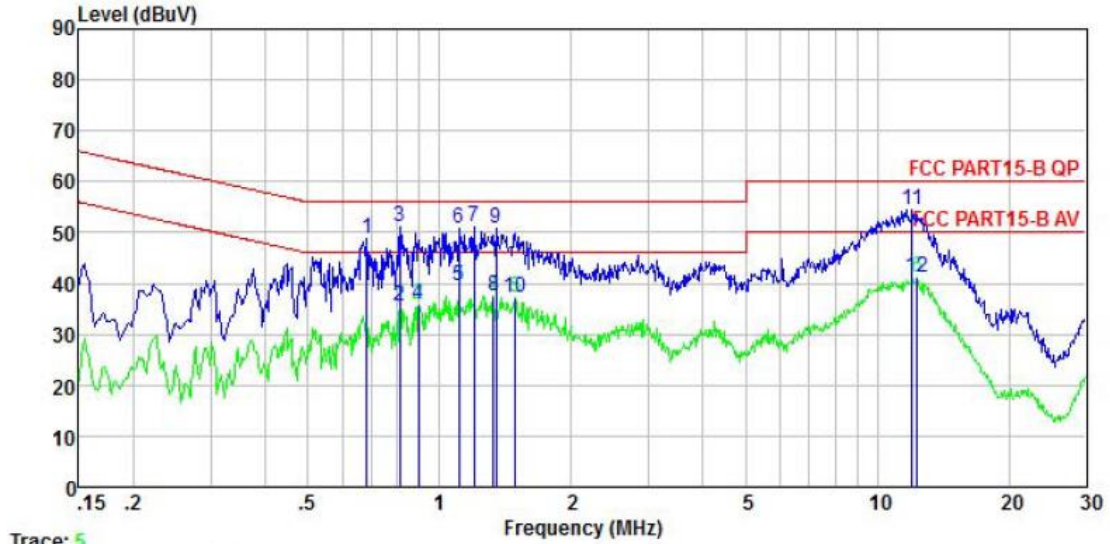
6 Test results and Measurement Data

6.1 Conducted Emission

| | | | |
|--|--|--------------------|-----------|
| Test Requirement: | FCC Part 15 B Section 15.107 | | |
| Test Frequency Range: | 150kHz to 30MHz | | |
| Class / Severity: | Class B | | |
| Receiver setup: | RBW=9kHz, VBW=30kHz | | |
| Limit: | Frequency range (MHz) | Limit (dB μ V) | |
| | | Quasi-peak | Average |
| | 0.15-0.5 | 66 to 56* | 56 to 46* |
| | 0.5-5 | 56 | 46 |
| | 0.5-30 | 60 | 50 |
| * Decreases with the logarithm of the frequency. | | | |
| Test setup: |  <p><i>Remark:</i> E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</p> | | |
| Test procedure | <ol style="list-style-type: none"> 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4(latest version) on conducted measurement. | | |
| Test Instruments: | Refer to section 5.11 for details | | |
| Test mode: | Refer to section 5.3 for details | | |
| Test results: | Pass | | |

Measurement data:

| | | | |
|-----------------|---|----------------|----------------------|
| Product name: | Livongo Blood Glucose Monitoring System | Product model: | BG1000 |
| Test by: | Mike | Test mode: | TM 1 |
| Test frequency: | 150 kHz ~ 30 MHz | Phase: | Line |
| Test voltage: | AC 120 V/60 Hz | Environment: | Temp: 23°C Humi: 55% |



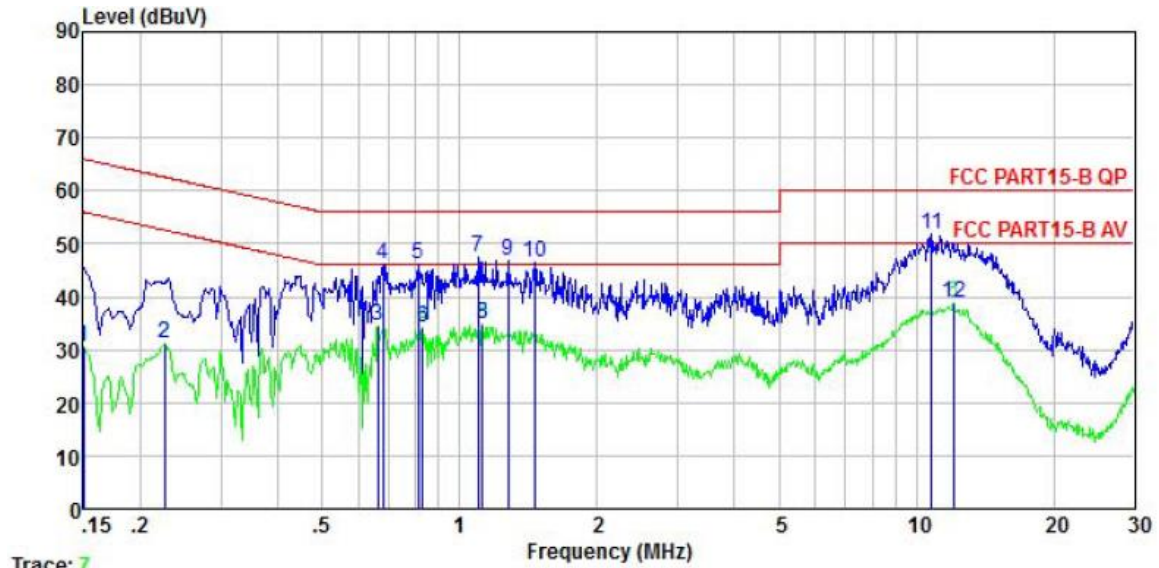
Trace: 5

| | Freq | Read Level | LISN Factor | Aux Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|----|--------|------------|-------------|------------|------------|-------|------------|------------|---------|
| | MHz | dBuV | dB | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.683 | 38.76 | 10.30 | -0.40 | 0.03 | 48.69 | 56.00 | -7.31 | QP |
| 2 | 0.813 | 25.18 | 10.31 | -0.05 | 0.03 | 35.47 | 46.00 | -10.53 | Average |
| 3 | 0.813 | 40.70 | 10.31 | -0.05 | 0.03 | 50.99 | 56.00 | -5.01 | QP |
| 4 | 0.894 | 25.30 | 10.31 | 0.19 | 0.04 | 35.84 | 46.00 | -10.16 | Average |
| 5 | 1.106 | 28.72 | 10.32 | 0.35 | 0.07 | 39.46 | 46.00 | -6.54 | Average |
| 6 | 1.106 | 40.00 | 10.32 | 0.35 | 0.07 | 50.74 | 56.00 | -5.26 | QP |
| 7 | 1.197 | 40.48 | 10.32 | 0.26 | 0.09 | 51.15 | 56.00 | -4.85 | QP |
| 8 | 1.331 | 26.92 | 10.32 | 0.14 | 0.12 | 37.50 | 46.00 | -8.50 | Average |
| 9 | 1.345 | 40.12 | 10.32 | 0.13 | 0.12 | 50.69 | 56.00 | -5.31 | QP |
| 10 | 1.487 | 26.72 | 10.33 | 0.01 | 0.14 | 37.20 | 46.00 | -8.80 | Average |
| 11 | 11.996 | 41.16 | 10.67 | 2.68 | 0.10 | 54.61 | 60.00 | -5.39 | QP |
| 12 | 12.318 | 27.60 | 10.69 | 2.78 | 0.10 | 41.17 | 50.00 | -8.83 | Average |

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + AuxFactor + Cable Loss.

| | | | |
|------------------------|---|-----------------------|---------------------------|
| Product name: | Livongo Blood Glucose Monitoring System | Product model: | BG1000 |
| Test by: | Mike | Test mode: | TM 1 |
| Test frequency: | 150 kHz ~ 30 MHz | Phase: | Neutral |
| Test voltage: | AC 120 V/60 Hz | Environment: | Temp: 23°C Humi: 55% |



Trace: 7

| | Freq | Read Level | LISN Factor | Aux Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|----|--------|------------|-------------|------------|------------|-------|------------|------------|---------|
| | MHz | dBuV | dB | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.150 | 20.34 | 10.19 | 0.01 | 0.01 | 30.55 | 56.00 | -25.45 | Average |
| 2 | 0.226 | 20.82 | 10.23 | 0.00 | 0.02 | 31.07 | 52.61 | -21.54 | Average |
| 3 | 0.661 | 24.12 | 10.30 | 0.04 | 0.03 | 34.49 | 46.00 | -11.51 | Average |
| 4 | 0.679 | 35.87 | 10.30 | 0.04 | 0.03 | 46.24 | 56.00 | -9.76 | QP |
| 5 | 0.813 | 35.85 | 10.30 | 0.06 | 0.03 | 46.24 | 56.00 | -9.76 | QP |
| 6 | 0.830 | 23.89 | 10.30 | 0.06 | 0.03 | 34.28 | 46.00 | -11.72 | Average |
| 7 | 1.100 | 36.88 | 10.31 | 0.09 | 0.07 | 47.35 | 56.00 | -8.65 | QP |
| 8 | 1.123 | 24.52 | 10.31 | 0.09 | 0.08 | 35.00 | 46.00 | -11.00 | Average |
| 9 | 1.276 | 36.25 | 10.31 | 0.11 | 0.11 | 46.78 | 56.00 | -9.22 | QP |
| 10 | 1.464 | 35.81 | 10.32 | 0.13 | 0.14 | 46.40 | 56.00 | -9.60 | QP |
| 11 | 10.790 | 39.19 | 10.62 | 1.71 | 0.12 | 51.64 | 60.00 | -8.36 | QP |
| 12 | 12.060 | 25.95 | 10.65 | 2.19 | 0.10 | 38.89 | 50.00 | -11.11 | Average |

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + AuxFactor + Cable Loss.

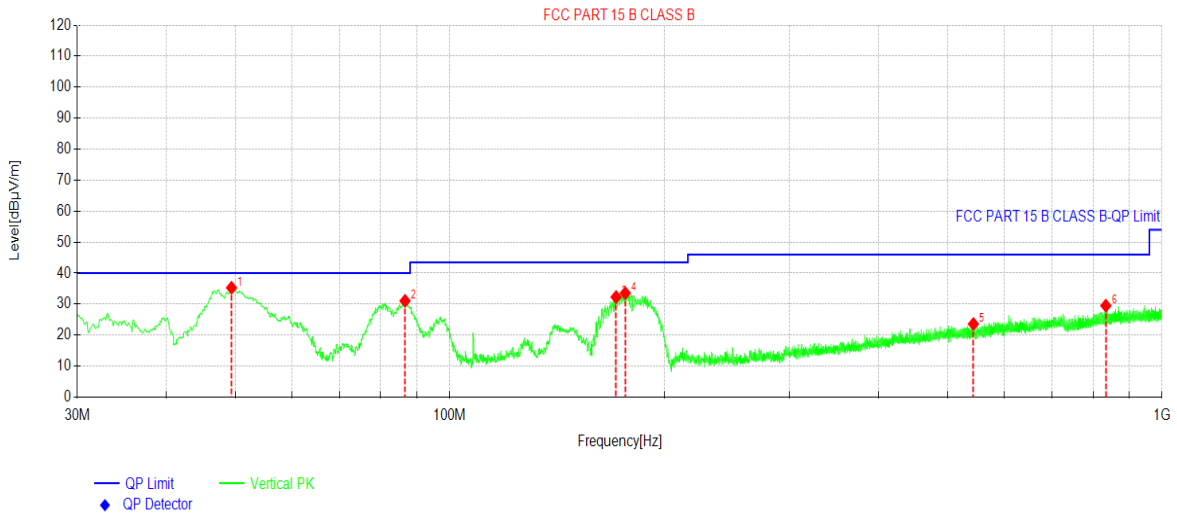
6.2 Radiated Emission

| | | | | | |
|-----------------------|---|--------------------|------------|---------------|------------------|
| Test Requirement: | FCC Part 15 B Section 15.109 | | | | |
| Test Frequency Range: | 30MHz to 18000MHz | | | | |
| Test site: | Measurement Distance: 3m (Semi-Anechoic Chamber) | | | | |
| Receiver setup: | Frequency | Detector | RBW | VBW | Remark |
| | 30MHz-1GHz | Quasi-peak | 120kHz | 300kHz | Quasi-peak Value |
| | Above 1GHz | Peak | 1MHz | 3MHz | Peak Value |
| RMS | | 1MHz | 3MHz | Average Value | |
| Limit: | Frequency | Limit (dBuV/m @3m) | | | Remark |
| | 30MHz-88MHz | 40.0 | | | Quasi-peak Value |
| | 88MHz-216MHz | 43.5 | | | Quasi-peak Value |
| | 216MHz-960MHz | 46.0 | | | Quasi-peak Value |
| | Above 1GHz | 54.0 | | | Average Value |
| 74.0 | | | Peak Value | | |
| Test setup: | Below 1GHz | | | | |
| | | | | | |
| Test setup: | Above 1GHz | | | | |
| | | | | | |
| Test Procedure: | <ol style="list-style-type: none"> 1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. | | | | |

| | |
|-------------------|---|
| | <p>4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</p> |
| Test Instruments: | Refer to section 5.11 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Passed |

Measurement Data:
Below 1GHz:

| | | | |
|------------------------|---|-----------------------|-------------------------|
| Product Name: | Livongo Blood Glucose Monitoring System | Product Model: | BG1000 |
| Test By: | Mike | Test mode: | TM 1 |
| Test Frequency: | 30 MHz ~ 1 GHz | Polarization: | Vertical |
| Test Voltage: | AC 120/60Hz | Environment: | Temp: 24°C Humi: 57% |

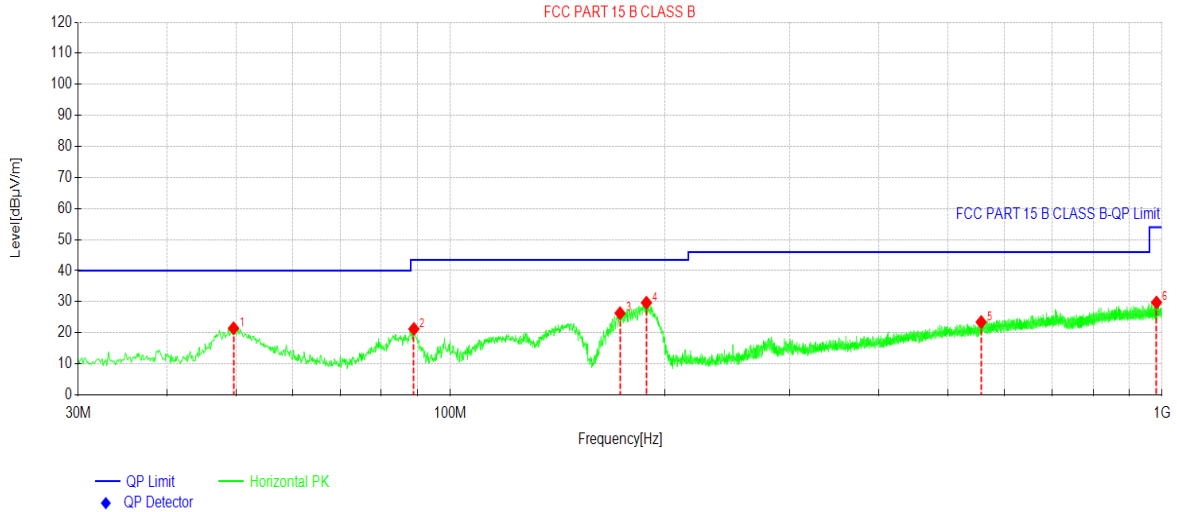


| Suspected Data List | | | | | | | | |
|---------------------|-------------|------------------|----------------|-------------|----------------|-------------|-------|----------|
| NO. | Freq. [MHz] | Reading [dBµV/m] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Trace | Polarity |
| 1 | 49.4019 | 50.03 | 35.28 | -14.75 | 40.00 | 4.72 | PK | Vertical |
| 2 | 86.5567 | 48.56 | 31.06 | -17.50 | 40.00 | 8.94 | PK | Vertical |
| 3 | 171.246 | 49.28 | 32.28 | -17.00 | 43.50 | 11.22 | PK | Vertical |
| 4 | 176.387 | 50.45 | 33.53 | -16.92 | 43.50 | 9.97 | PK | Vertical |
| 5 | 543.569 | 30.42 | 23.59 | -6.83 | 46.00 | 22.41 | PK | Vertical |
| 6 | 834.016 | 31.44 | 29.51 | -1.93 | 46.00 | 16.49 | PK | Vertical |

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of below 30MHz are lower than the limit 20dB and not show in test report.

| | | | |
|------------------------|---|-----------------------|----------------------|
| Product Name: | Livongo Blood Glucose Monitoring System | Product Model: | BG1000 |
| Test By: | Mike | Test mode: | TM 1 |
| Test Frequency: | 30 MHz ~ 1 GHz | Polarization: | Horizontal |
| Test Voltage: | AC 120/60Hz | Environment: | Temp: 24°C Huni: 57% |



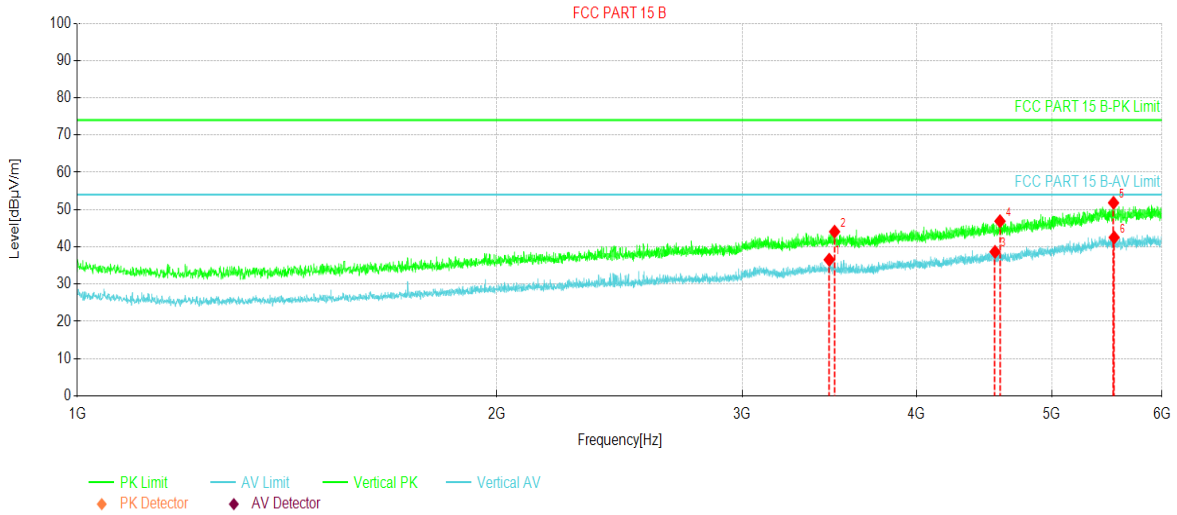
| Suspected Data List | | | | | | | | |
|---------------------|-------------|------------------|----------------|-------------|----------------|-------------|-------|------------|
| NO. | Freq. [MHz] | Reading [dBuV/m] | Level [dBuV/m] | Factor [dB] | Limit [dBuV/m] | Margin [dB] | Trace | Polarity |
| 1 | 49.5960 | 36.19 | 21.45 | -14.74 | 40.00 | 18.55 | PK | Horizontal |
| 2 | 88.8849 | 38.74 | 21.23 | -17.51 | 43.50 | 22.27 | PK | Horizontal |
| 3 | 173.186 | 43.30 | 26.31 | -16.99 | 43.50 | 17.19 | PK | Horizontal |
| 4 | 188.610 | 45.70 | 29.67 | -16.03 | 43.50 | 13.83 | PK | Horizontal |
| 5 | 557.053 | 30.08 | 23.44 | -6.64 | 46.00 | 22.56 | PK | Horizontal |
| 6 | 982.344 | 30.60 | 29.74 | -0.86 | 54.00 | 24.26 | PK | Horizontal |

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of below 30MHz are lower than the limit 20dB and not show in test report.

Above 1GHz:

| | | | |
|------------------------|---|-----------------------|----------------------|
| Product Name: | Livongo Blood Glucose Monitoring System | Product Model: | BG1000 |
| Test By: | Mike | Test mode: | TM 1 |
| Test Frequency: | 1 GHz ~ 6 GHz | Polarization: | Vertical |
| Test Voltage: | AC 120/60Hz | Environment: | Temp: 24°C Humi: 57% |

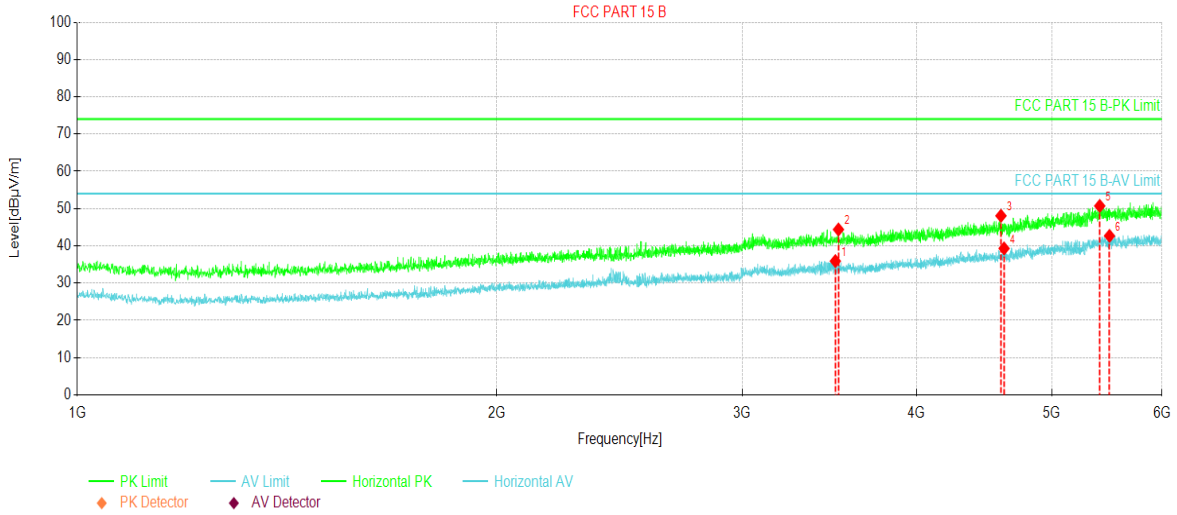


| Suspected Data List | | | | | | | | |
|---------------------|-------------|------------------|----------------|-------------|----------------|-------------|-------|----------|
| NO. | Freq. [MHz] | Reading [dBµV/m] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Trace | Polarity |
| 1 | 3463.12 | 51.54 | 36.53 | -15.01 | 54.00 | 17.47 | AV | Vertical |
| 2 | 3493.75 | 58.94 | 44.07 | -14.87 | 74.00 | 29.93 | PK | Vertical |
| 3 | 4553.75 | 49.22 | 38.65 | -10.57 | 54.00 | 15.35 | AV | Vertical |
| 4 | 4591.25 | 57.27 | 46.87 | -10.40 | 74.00 | 27.13 | PK | Vertical |
| 5 | 5538.75 | 57.88 | 51.80 | -6.08 | 74.00 | 22.20 | PK | Vertical |
| 6 | 5544.37 | 48.59 | 42.51 | -6.08 | 54.00 | 11.49 | AV | Vertical |

Remark:

1. Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Pre-amplifier Factor).
2. The emission levels of above 6GHz are lower than the limit 20dB and not show in test report.

| | | | |
|------------------------|---|-----------------------|----------------------|
| Product Name: | Livongo Blood Glucose Monitoring System | Product Model: | BG1000 |
| Test By: | Mike | Test mode: | TM 1 |
| Test Frequency: | 1 GHz ~ 6 GHz | Polarization: | Horizontal |
| Test Voltage: | AC 120/60Hz | Environment: | Temp: 24°C Huni: 57% |



| Suspected Data List | | | | | | | | |
|---------------------|-------------|------------------|----------------|-------------|----------------|-------------|-------|------------|
| NO. | Freq. [MHz] | Reading [dBµV/m] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Trace | Polarity |
| 1 | 3498.12 | 50.76 | 35.91 | -14.85 | 54.00 | 18.09 | AV | Horizontal |
| 2 | 3516.25 | 59.22 | 44.37 | -14.85 | 74.00 | 29.63 | PK | Horizontal |
| 3 | 4598.75 | 58.42 | 48.05 | -10.37 | 74.00 | 25.95 | PK | Horizontal |
| 4 | 4622.50 | 49.52 | 39.30 | -10.22 | 54.00 | 14.70 | AV | Horizontal |
| 5 | 5413.75 | 56.65 | 50.70 | -5.95 | 74.00 | 23.30 | PK | Horizontal |
| 6 | 5501.87 | 48.75 | 42.67 | -6.08 | 54.00 | 11.33 | AV | Horizontal |

Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of above 6GHz are lower than the limit 20dB and not show in test report.

7 Test Setup Photo

Reference to the test setup photos: 15B-Test Setup Photo

8 EUT Constructional Details

Reference to the External photo and Internal photo.

-----End of report-----