



COMPLIANCE WORLDWIDE INC. TEST REPORT 176-21

In Accordance with the Requirements of Federal Communications Commission CFR Title 47 Part 15.249, Subpart C

Innovation, Science and Economic Development Canada RSS 210, Issue 10

Low Power License-Exempt Radio Communication Devices Intentional Radiators

Issued to

PICA Product Development, LLC 4 Ash Street Extension Derry, NH 03038

for the

Skyhawk Trapmate Model: SHTRPG

FCC ID: UOXSKYHAWKTRPSEN1

Report Issued on May 28, 2021

Tested by

Brian F. Breault

Reviewed by

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Test Number: 176-21



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ACCREDITED TESTING CERT #1673.01

1. Scope

This test report certifies that the PICA Product Development Skyhawk Trapmate Model SHTRPG, as tested, meets the FCC Part 15, Subpart C and Industry Canada RSS 210, Issue 10 requirements. The scope of this test report is limited to the test sample provided by the client, only in as much as that sample represents other production units. If any significant changes are made to the unit, the changes shall be evaluated and a retest may be required.

2. Product Details

2.1. Manufacturer: PICA Product Development

2.2. Model Number: SHTRPG

2.3 Serial Number: TRP21110009

2.4 Description of EUT: Remote monitoring of animal traps

2.5 Power Source: 3 VDC (2 – AAA Batteries)

2.6 Hardware Revision: Rev F2.7 Software Revision: N/A

2.8. Modulation Type: Gaussian frequency shift keying

2.9. Operating Frequency: 915 MHz2.10. EMC Modifications: None

3. Product Configuration

3.1. EUT Hardware

| Manufacturer | Model | Serial Number | Input Volts | Freq (Hz) Or DC | Description/Function |
|-----------------------------|--------|---------------|----------------|--------------------|----------------------|
| PICA Product Development | SHTRPG | TRP21110009 | 3 | DC | Animal Trap Sensor |

3.2. Support Equipment

| Device | Manufacturer | Model | Serial No. | Comment |
|--------|--------------|-------|------------|---------|
| None | | | | |

3.3. Cables

| Cable Type | Length | Shield | From | То |
|------------|--------|--------|------|----|
| None | | | | |





3. Product Configuration (continued)

3.4. Operational Characteristics & Software

The EUT was configured for continuous transmit operation once the batteries are installed and the button is pushed.

3.5. Block Diagram

Skyhawk Trapmate

4. Measurements Parameters

4.1. Measurement Equipment Used to Perform Test

| Device | Manufacturer | Model No. | Serial No. | Cal Due | Interval |
|--|--------------------------|-----------|------------|------------|----------|
| EMI Test Receiver, 9kHz - 7GHz ¹ | Rohde & Schwarz | ESR7 | 101156 | 10/16/2022 | 2 Years |
| EMI Test Receiver, 10 Hz - 7GHz ¹ | Rohde & Schwarz | ESR7 | 101770 | 7/17/2022 | 2 Years |
| Spectrum Analyzer, 2 Hz to 26.5 GHz ² | Rohde & Schwarz | FSW26 | 102057 | 9/13/2021 | 3 Years |
| Spectrum Analyzer, 9 kHz to 40 GHz ³ | Rohde & Schwarz | FSV40 | 100899 | 8/12/2022 | 2 Years |
| Spectrum Analyzer 10 Hz – 40 GHz ¹ | Rohde & Schwarz | FSVR40 | 100909 | 9/18/2022 | 2 Years |
| Loop Antenna 9 kHz - 30 MHz | EMCO | 6512 | 9309-1139 | 1/28/2022 | 3 Years |
| Biconilog Antenna, 30 MHz - 2 GHz | Sunol Sciences | JB1 | A050913 | 6/5/2021 | 2 Years |
| Dbl Ridged Guide Antenna 1- 18 GHz | ETS-Lindgren | 3117 | 00143292 | 3/21/2022 | 2 Years |
| Horn Antenna, 18 GHz to 40 GHz | Com-Power | AH-840 | 101032 | 9/8/2021 | 3 Years |
| Preamplifier, 1 GHz to 26.5 GHz | Hewlett Packard | 8449B | 3008A01323 | 9/11/2021 | 3 Years |
| 1.8 GHz - 9.3 GHz Passband Filter | Mini-Circuits | VHP-16 | 0341 | 3/23/2022 | 2 Years |
| Band Reject Filter (Notch), 2.4 GHz | Micro-Tronics | BRM50702 | 150 | 3/23/2022 | 2 Years |
| Digital Barometer | Control Company | 4195 | ID236 | 4/3/2021 | 3 Years |
| Temperature Chamber | Associated Environmental | SD-308 | 10782 | CNR | N/A |

¹ ESR7 Firmware revision: V3.48 SP3, Date installed: 09/30/2020 Firmware revision: V4.71 SP1, Date installed: 11/16/2020

FSV26 Firmware revision: V4.71 SP1, Date installed: 11/16/2020 FSV40 Firmware revision: V2.30 SP4, Date installed: 05/04/2016

FSVR40 Firmware revision: V2.30 SP4, Date installed: 03/04/2016 FSVR40 Firmware revision: V2.23 SP1, Date installed: 08/19/2016

Previous V3.48 SP2, installed 07/23/2020.
Previous V4.61, installed 08/11/2020.
Previous V2.30 SP1, installed 10/22/2014.
Previous V2.23, installed 10/22/2014.





4. Measurements Parameters (continued)

4.2. Software Used to Perform Test

| Manufacturer | Software Description | Title or Model # | Rev. | Report Sections |
|----------------------|------------------------------------|--------------------------|------|--|
| Compliance Worldwide | Test Report Generation Software | Test Report Generator | 1.0 | Used to process conducted emissions data |

4.3. Measurement & Equipment Setup

EMI Receiver IF Bandwidth:

Test Dates: 5/14/2021, 5/20/2021, 5/21/2021,

5/25/2021, 5/26/2021

Test Engineers: Sean Defelice

Normal Site Temperature (15 - 35°C): 23.5 Relative Humidity (20 -75%RH): 35

Frequency Range: 30 kHz to 10 GHz

Measurement Distance: 3 Meters

200 Hz – 10 kHz to 150 kHz 9 kHz – 150 kHz to 30 MHz 120 kHz – 30 MHz to 1 GHz

1 MHz – Above 1 GHz

EMI Receiver Average Bandwidth: >= 3 * RBW

Detector Function: Peak, Quasi-Peak & Average

4.4. Measurement Procedures

Test measurements were made in accordance FCC Part 15.249, ISED RSS-210 B.10: Operation within the bands <u>902 - 928 MHz</u>, 2400 - 2483.5 MHz, 5725 - 5875 MHz, and 24.0 - 24.25 GHz.

The test methods used to generate the data in this test report are in accordance with ANSI C63.10: 2013, American National Standard for Testing Unlicensed Wireless Devices.

ISED RSS-210, Issue 10; RSS-GEN, Issue 5

4.5. Choice of Operating Frequencies

The device under test utilizes one operating frequency at 915.0 MHz

4.6. EUT Positions for Emissions Measurements

The device under test was tested in three orthogonal positions in accordance with ANSI C63.10-2013, Section 5.10.1.





5. Measurement Summary

| Test Requirement | FCC Requirement | ISED Requirement | Test Section | Result | Comment |
|--|--------------------------|---------------------|-----------------|-----------------|------------------------|
| Antenna Requirement | 15.203 | RSS-GEN 6.7 | 6.1 | Compliant | |
| Radiated Field Strength of Fundamental | 15.249 (a),(c) | RSS-210 B.10 | 6.2 | Compliant | |
| Radiated Field Strength of Harmonics | 15.249 (a),(c) | RSS-210 B.10 | 6.3 | Compliant | |
| Fixed, Point-to-Point Operation | 15.249 (b) | N/A | | Not Required | |
| Band Edge Measurements | 15.249 (d) 15.209 | N/A | 6.4 | Compliant | |
| Spurious Radiated Emissions | 15.249 (d), 15.209 | RSS-210 B.10 | 6.5 | Compliant | |
| Occupied Bandwidth (-20 dB) | ANSI C63.4 § 13.1.7 | N/A | 6.6 | Compliant | |
| 99% Power Bandwidth | N/A | RSS-GEN 6.6 | 6.7 | Compliant | |
| AC Power Line Conducted Emissions | 15.207 | RSS-GEN 8.8 | 6.8 | N/A | EUT is battery powered |
| Public Exposure to Radio Frequency Energy Levels | 2.1093 1.1307 (b)(1)) | RSS-102 Issue 5 | 6.9 | Compliant | |

6. Measurement Data

6.1. Antenna Requirement (Section 15.203, RSS-GEN, Issue 5)

Automia Requirement (Cootion Tol.200, Red C214, Iodas 0)

Requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be

considered sufficient to comply with the provisions of this Section.

Result: The unit under test utilizes an internal, PCB etch, non-user accessible

antenna.





6. Measurement Data (continued)

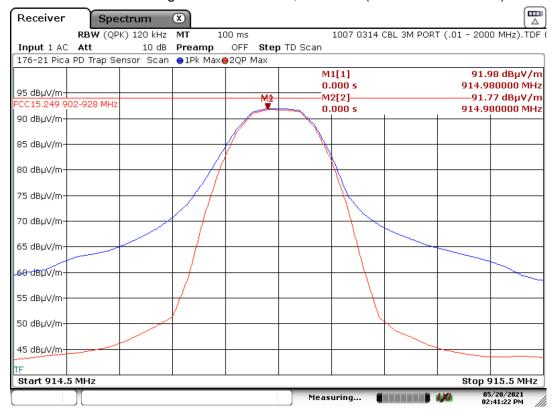
6.2. Radiated Field Strength of Fundamental (15.249, Section (a), (c), ISED RSS-210 B.10)

Requirement: The 3 meter field strength of the fundamental emissions from intentional radiators operating within the 2400 – 2483.5 MHz frequency band shall comply with the following requirement: 50 millivolts/meter (94 dB μ V/m) Quasi-Peak mode measurement and 500 millivolts/meter (114 dB μ V/m) peak mode measurement.

| Frequency (MHz) | (dB) | olitude¹ uV/m) at ⁄leters | (dBµ | imit V/m) at leters | (dBµ | argin V/m) at leters | Ant Polarity | Ant Height | Turntable Azimuth | Result |
|--------------------|-------|---------------------------------|--------|---------------------------|--------|----------------------------|-----------------|---------------|----------------------|-----------|
| | Peak | Quasi-Pk | Peak | Quasi-Pk | Peak | Quasi-Pk | H/V | cm | Deg | |
| 915 | 91.98 | 91.77 | 114.00 | 94.00 | -22.02 | -2.23 | V | 115 | 214 | Compliant |

¹ All correction factors are included in measurement values.

6.2.1. Radiated Field Strength of Fundamental, 915 MHz (Worst case – Y Axis)



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6. Measurement Data (continued)

6.3. Radiated Field Strength of Harmonics (15.249, Section (a), ISED RSS-210 A.1.4 (d))

Requirement: The 3 meter field strength of the harmonic emissions from intentional radiators operated within the 2400 to 2483.5 MHz frequency bands shall

comply with the following: 500 microvolts/meter (54 dBµV/m), average mode measurement. Peak field strength may not be greater than 20 dB

above the average limit (74 dBµV/m).

Test Results : Compliant

Notes: All correction factors are included in the field strength values. The tabled

values represent the worst case orthogonal position of the DUT.

6.3.1. Fundamental Frequency = 915 MHz

| Freq. | Field Strength (dBµV/m) | | Limit (dBµV/m) | | | rgin ıV/m) | Antenna Polarity | Result |
|---------|----------------------------|---------|-------------------|---------|--------|---------------|---------------------|-----------|
| (| Peak | Average | Peak | Average | Peak | Average | (H/V) | |
| 1830.00 | 42.72 | 31.22 | 74.00 | 54.00 | -31.28 | -22.78 | Н | Compliant |
| 2745.00 | 52.01 | 44.49 | 74.00 | 54.00 | -21.99 | -9.51 | Н | Compliant |
| 3660.00 | 48.14 | 36.80 | 74.00 | 54.00 | -25.86 | -17.20 | V | Compliant |
| 4575.00 | 52.21 | 40.07 | 74.00 | 54.00 | -21.79 | -13.93 | Н | Compliant |
| 5490.00 | 49.34 | 38.51 | 74.00 | 54.00 | -24.66 | -15.49 | Н | Compliant |
| 6405.00 | 51.92 | 39.30 | 74.00 | 54.00 | -22.08 | -14.70 | V | Compliant |
| 7320.00 | 52.93 | 40.95 | 74.00 | 54.00 | -21.07 | -13.05 | Н | Compliant |
| 8235.00 | 54.74 | 43.10 | 74.00 | 54.00 | -19.26 | -10.90 | Н | Compliant |
| 9150.00 | 52.87 | 40.87 | 74.00 | 54.00 | -21.13 | -13.13 | Н | Compliant |





6. Measurement Data (continued)

6.4. Band Edge Measurements (15.249, Section (d), ISED RSS-210 A.1.4 (d))

Requirement: Emissions radiated outside of the specified frequency band of 902 to 928

MHz, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in

Section 15.209, whichever is the lesser attenuation.

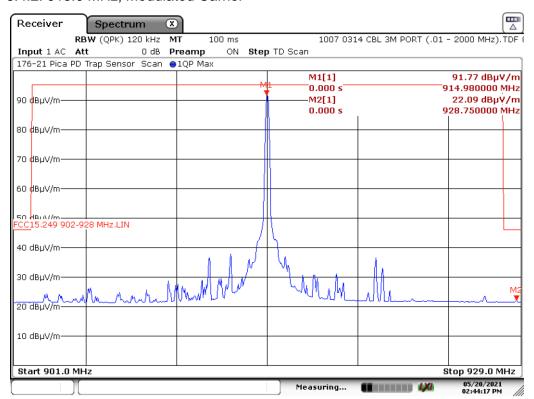
Test Note: The upper and lower band edge peak mode measurements meet the

FCC Part 15, Section 15.209 quasi-peak requirement of 46 dBµV/m.

6.4.1. Band Edge

| | Freq. | | itude V/m) | | Band Edge (dВµV/m) | | | | Margin (dBµV/m) | Result |
|---|-------|-------|---------------|-------|-----------------------|---------------|--------------|--------------|--------------------|-----------|
| | (MHz) | Peak | Quasi Peak | Paak | | Quasi Peak | 15.209 QP | 15.209 QP | | |
| ĺ | 915.0 | 91.98 | 91.77 | Lower | 902 | 22 | | 46.00 | -24.00 | Compliant |
| | 915.0 | 91.96 | 91.77 | Upper | 928 | 22.09 | | 46.00 | -23.91 | Compliant |

6.4.2. 915.0 MHz, Modulated Carrier



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6. Measurement Data (continued)

6.5. Spurious Radiated Emissions, 32 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 4

Requirement: Emissions radiated outside of the specified frequency bands, except for

harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209,

whichever is the lesser attenuation.

Test Notes: Spurious emissions screen captures are located in appendices A and B.

The lowest frequency generated by the device under test is 32.768 kHz.

6.5.1. Regulatory Limit: FCC Part 209, Quasi-Peak & Average

| Frequency Range (MHz) | Distance (Meters) | Limit (dBµV/m) |
|--------------------------|----------------------|-------------------|
| 0.009 to 0.490 | 3 | 128.5 to 93.8 |
| 0.490 to 1.705 | 3 | 73.8 to 63 |
| 1.705 to 30 | 3 | 69.5 |
| 30 to 88 | 3 | 40.0 |
| 88 to 216 | 3 | 43.5 |
| 216 to 960 | 3 | 46.0 |
| Above 960 | 3 | 54.0 |

6.5.2. Measurement Summary

Notes: Each of the tabled entries represents the worst case turntable position and receive height. All measurements were made using a peak detector.

Transmit Frequency = 915 MHz

| Frequency Range (MHz) | Worst-Case Measured Frequency | Field Strength | FCC Part 15.209 Limit | Margin | Reference | Receive Antenna Polarity |
|-----------------------------|-------------------------------------|-------------------|-----------------------------|--------|------------|--------------------------------|
| (| (MHz) | (dBµV/m) | (dBµV/m) | (dB) | Appendix A | (H/V) |
| 0.03 - 0.15 | 0.03095 | 70.10 | 117.78 | -47.68 | A.1.6 | Gnd Parallel |
| 0.15 - 30 | 0.15225 | 63.55 | 103.95 | -40.40 | A.2.5 | Perpendicular |
| 30 - 1000 | 30 - 1000 225.00 | | 46.00 | -25.50 | A.3.1 | Н |
| 1000 - 9400 | 7779.70 | 44.49 | 54.00 | -9.51 | A.4.2 | V |

Sample Calculation: Final Result ($dB\mu V/m$) = Measurement Value ($dB\mu V$) + Antenna Factor (dB/m) +

Cable Loss (dB) – Pre-amplifier Gain (dB) Internal or External.

Note: All correction factors are loaded into the measurement instrument prior to testing to determine the final result.





6. Measurement Data (continued)

6.6 Occupied Bandwidth (ANSI C63.10, Section 6.9.1 & ISED RSS-GEN, Issue 5)

Requirement: The occupied bandwidth measurements on an intentional radiator shall be made in accordance with the requirements outlined in ANSI C63.10-2013,

Section 6.9.1. If no bandwidth requirement is specified by the procuring or regulatory agency, the bandwidth will be measured at –20 dB with respect

to the reference level.

Test Notes:

The span range for the SA display shall be between two times and five times the OBW. The nominal IF filter bandwidth (3 dB RBW) should be approximately 1% to 5% of the OBW, unless otherwise specified, depending on the applicable requirement. The dynamic range of the SA at the selected RBW shall be more than 10 dB below the target "dB down" (attenuation) requirement, i.e., if the requirement calls for measuring the – 20 dB OBW, the SA noise floor at the selected RBW shall be at least 30 dB below the largest measured value on the display.

| Frequency (MHz) | -20 dB Bandwidth (kHz) |
|--------------------|------------------------------|
| 915.0 | 127.27 |

6.6.1. Occupied (-20 dB) Bandwidth, Fundamental Frequency = 915 MHz



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6. Measurement Data (continued)

6.7 99% Emission Bandwidth (ISED RSS-GEN)

Requirement: When an occupied bandwidth value is not specified in the applicable

RSS, the transmitted signal bandwidth to be reported is to be its 99%

emission bandwidth, as calculated or measured.

Test Notes:

The transmitter shall be operated at its maximum carrier power measured under normal test conditions. The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts. The resolution bandwidth shall be set to as close to 1% of the selected span as is possible without being below 1%. The video bandwidth shall be set to 3 times the resolution bandwidth. Video averaging is not permitted. Where practical, a sampling detector shall be used given that a peak or peak hold may produce a wider bandwidth than actual.

| Frequency (MHz) | 99% Power Bandwidth (kHz) |
|--------------------|---------------------------------|
| 915.0 | 90.612 |

6.7.1. 99% Power Bandwidth, Fundamental Frequency = 915.0 MHz



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6. Measurement Data (continued)

6.8. Conducted Emissions

Requirement: 15.207 With certain exceptions, an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a $50\mu H/50\Omega$ line impedance stabilization network (LISN).

| Frequency Range (MHz) | Limits (dBμV) | | | | |
|--|------------------|-----------|--|--|--|
| | Quasi-Peak | Average | | | |
| 0.15 to 0.50 | 66 to 56* | 56 to 46* | | | |
| 0.50 to 5.0 | 56 | 46 | | | |
| 5.0 to 30.0 | 60 | 50 | | | |
| * Decreases with the logarithm of the frequency. | | | | | |

Procedure: This test was performed in accordance with the procedure detailed in

ANSI C63.10-2013, Section 6.2: Standard test method for ac power-line

conducted emissions from unlicensed wireless devices.

Test Notes: The device under test is only battery powered.

Results: N/A

Measurement & Equipment Setup

Test Date: N/A N/A Test Engineer: Site Temperature (°C): 22.8 48.3 Relative Humidity (%RH):

0.15 MHz to 30 MHz Frequency Range:

EMI Receiver IF Bandwidth: 9 kHz EMI Receiver Avg Bandwidth: 30 kHz

Detector Functions: Peak, Quasi-Peak & Average





6. Measurement Data (continued)

6.9. Public Exposure to Radio Frequency Energy Levels ((1.1307 (b)(1)) RSS-GEN, ISSUE 5, RSS 102)

6.9.1. 1.1307 (b)(1) Requirements

Requirement: Portable devices are subject to radio frequency radiation exposure

requirements.

For a 1-g SAR, the test exclusion result must be \leq 3.0.

Test Notes: 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 the following

formula:

SAR Test Exclusion =
$$\frac{P_{MAX}}{d_{MIN}} \chi \sqrt{f_{(GHz)}}$$
 (1)

 P_{MAX} mW Maximum power of channel, including tune-up tolerance

 d_{MIN} mm Minimum test separation distance, mm (\leq 50 mm)

 $f_{(GHz)} \hspace{0.5cm} \text{GHz} \hspace{0.5cm} f_{(GHz)} \text{ is the RF channel transmit frequency in GHz (>100 MHz and <6 GHz)}$

 FCC OET 447498 - Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

Conclusion: Compliant - The device under test meets the exclusion requirement detailed in FCC OET 447498.

Input: P_{MAX}¹ (mW) 0.4733 d_{MIN} (mm) 5.0000

f_(GHz) 0.9150

Test Exclusion: 0.09054 Limit Exemption: 3.00000

6.9.2. RSS-102 Issue 5 Requirements

Requirement:

SAR evaluation is required if the separation distance between the user and/or bystander and the antenna and/or radiating element of the device is less than or equal to 20 cm, except when the device operates at or below the applicable output power level (adjusted for tune-up tolerance) for the specified separation distance defined in Table 1. Portable devices are subject to radio frequency radiation exposure requirements.

Test Notes: The limit was taken from Table 1 of RSS-102 Issue 5.

| Frequency | Separation Distance | Maximum Power | RSS-102 Limit | Result |
|-----------|------------------------|------------------|------------------|-----------|
| (MHz) | (mm) | (mW) | (mW) | |
| 915.00 | ≤5 | 0.4733 | 16.25 | Compliant |

¹ Taken from column 5 of the table in Section 7.4 of this test report.



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7. Test Setup Photographs

7.1 Radiated Spurious Emissions 10 kHz to 30 MHz, Front View





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7. Test Setup Photographs

7.2 Radiated Spurious Emissions < 30 MHz, Rear View







7. Test Setup Photographs

7.3 Radiated Field Strength and Spurious Emissions, 30 MHz to 1 GHz, Rear View





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7. Test Setup Photographs

7.4. Radiated Harmonics and Spurious Emissions >1 GHz, Front View





WORLDWIDE TESTING CERT #1673.01

Test Number: 176-21 Issue Date: 5/28/2021

7. Test Setup Photographs

7.5. Radiated Harmonics and Spurious Emissions >1 GHz, Rear View





Test Number: 176-21



Issue Date: 5/28/2021

8. Test Site Description

Compliance Worldwide is located at 357 Main Street in Sandown, New Hampshire. The test sites at Compliance Worldwide are used for conducted and radiated emissions testing in accordance with the Federal Communications Commission (FCC) and Industry Canada standards. Through our American Association for Laboratory Accreditation (A2LA) ISO Guide 17025 Accreditation our test sites are designated with the FCC (designation number US1091), Industry Canada (file number IC 3023A-1) and VCCI (Member number 3168) under registration number A-0274.

Compliance Worldwide is also designated as a Phase 1 CAB under APEC-MRA (US0132) for Australia/New Zealand AS/NZS CISPR 32, Chinese-Taipei (Taiwan) BSMI CNS 13438 and Korea (RRA) KN 11, KN 13, KN 14-1, KN 22, KN 32, KN 61000-6-3, KN 61000-6-4.

The radiated emissions test site is a 3 and 10 meter enclosed open area test site (OATS). Personnel, support equipment and test equipment are located in the basement beneath the OATS ground plane.

The conducted emissions site is part of a 16' \times 20' \times 12' ferrite tile chamber and uses one of the walls for the vertical ground plane. A second conducted emissions site is also located in the basement of the OATS site with a 2.3 \times 2.5 meter ground plane and a 2.4 \times 2.4 meter vertical wall.

The radiated emissions test site for measurements above 1GHz is a 3 Meter open area test site (OATS) with a 3.6 by 3.6 meter anechoic absorber floor patch to achieve a quasi-free space measurement environment per ANSI C63.4/C63.10 and CISPR 16-1-4 standards.

The sites are designed to test products or systems 1.5 meters W x 1.5 meters L x 2.0 meters H, floor standing or table top.



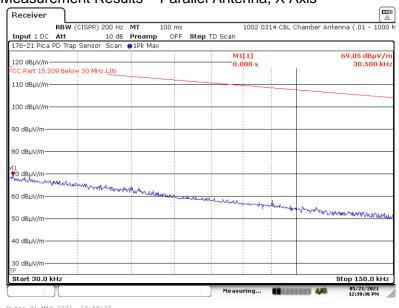


Appendix A

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

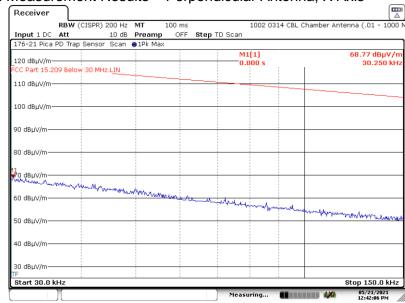
A.1. Spurious Radiated Emissions (30 kHz to 150 kHz),

A.1.1. Measurement Results - Parallel Antenna, X Axis



Date: 21.MAY.2021 12:39:36

A.1.2. Measurement Results - Perpendicular Antenna, X Axis



Date: 21.MAY.2021 12:42:05



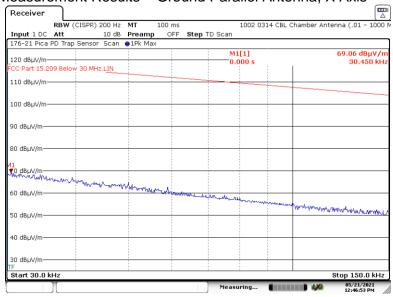


Appendix A (continued)

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

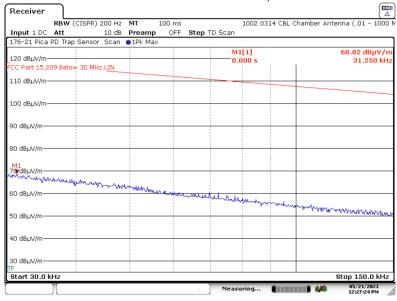
A.1. Spurious Radiated Emissions (30 kHz to 150 kHz)

A.1.3. Measurement Results - Ground Parallel Antenna, X Axis



Date: 21.MAY.2021 12:46:54

A.1.4. Measurement Results - Parallel Antenna, Y Axis



Date: 21.MAY.2021 12:27:25



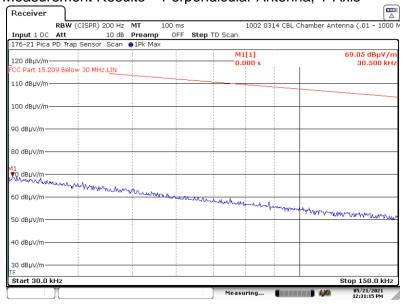


Appendix A (continued)

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

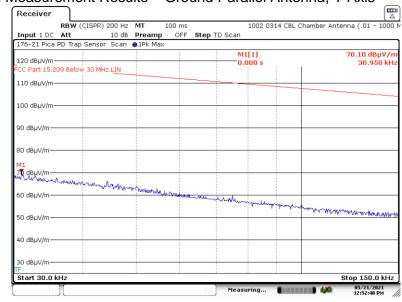
A.1. Spurious Radiated Emissions (30 kHz to 150 kHz)

A.1.5. Measurement Results - Perpendicular Antenna, Y Axis



Date: 21.MAY.2021 12:31:16

A.1.6. Measurement Results - Ground Parallel Antenna, Y Axis



Date: 21.MAY.2021 12:52:41



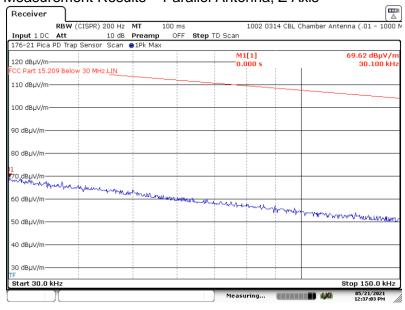


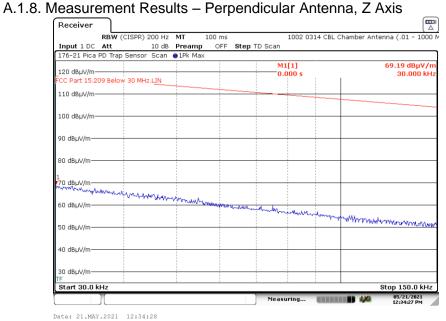
Appendix A

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), **ISED RSS-GEN, Issue 5 (continued)**

A.1. Spurious Radiated Emissions (30 kHz to 150 kHz),

A.1.7. Measurement Results - Parallel Antenna, Z Axis









Appendix A (continued)

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.1. Spurious Radiated Emissions (30 kHz to 150 kHz)

A.1.9. Measurement Results - Ground Parallel Antenna, Z Axis



Date: 21.MAY.2021 12:49:47



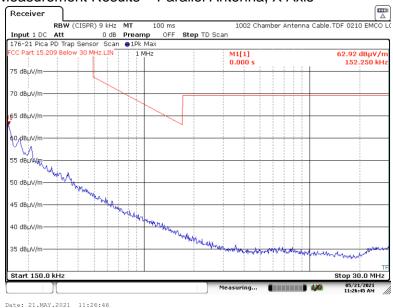


Appendix A (continued)

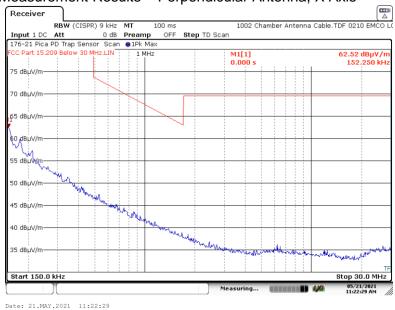
Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.2. Spurious Radiated Emissions (150 kHz to 30 MHz)

A.2.1. Measurement Results - Parallel Antenna, X Axis



A.2.2. Measurement Results - Perpendicular Antenna, X Axis







Appendix A (continued)

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

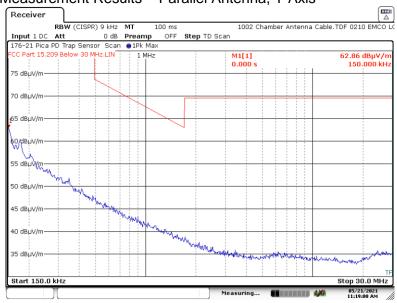
A.2. Spurious Radiated Emissions (150 kHz to 30 MHz)

A.2.3. Measurement Results - Ground Parallel Antenna, X Axis



Date: 21.MAY.2021 11:44:18

A.2.4. Measurement Results - Parallel Antenna, Y Axis



Date: 21.MAY.2021 11:19:01



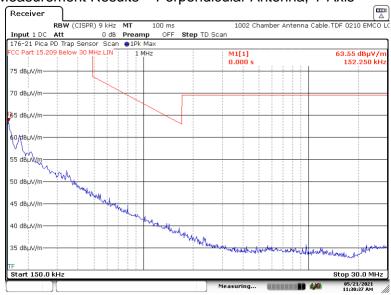


Appendix A (continued)

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.2. Spurious Radiated Emissions (150 kHz to 30 MHz)

A.2.5. Measurement Results - Perpendicular Antenna, Y Axis



A.2.6. Measurement Results - Ground Parallel Antenna, Y Axis



Date: 21.MAY.2021 11:38:02

Date: 21.MAY.2021 11:30:37



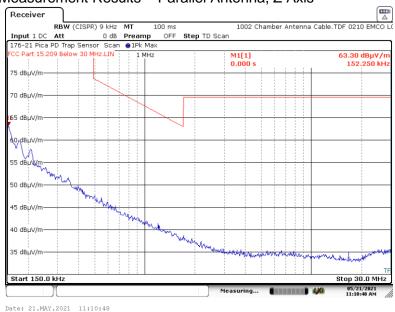


Appendix A (continued)

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.2. Spurious Radiated Emissions (150 kHz to 30 MHz)

A.2.7. Measurement Results – Parallel Antenna, Z Axis



A.2.8. Measurement Results - Perpendicular Antenna, Z Axis



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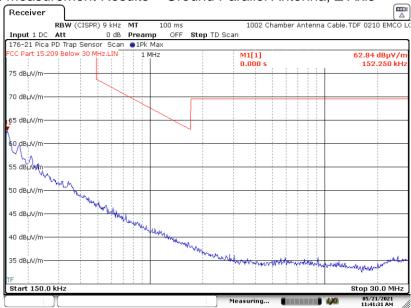


Appendix A (continued)

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.2. Spurious Radiated Emissions (150 kHz to 30 MHz)

A.2.9. Measurement Results - Ground Parallel Antenna, Z Axis



Date: 21.MAY.2021 11:41:32



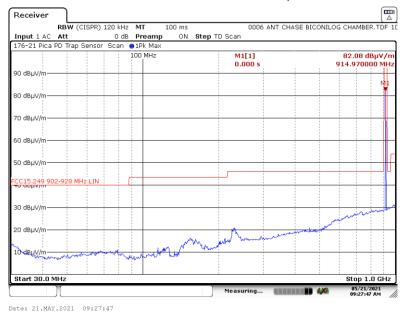


Appendix A (continued)

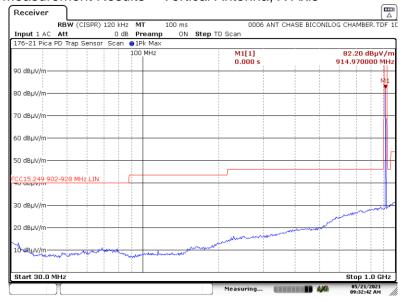
Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.3. Spurious Radiated Emissions (30 MHz to 1 GHz)

A.3.1. Measurement Results - Horizontal Antenna, X Axis



A.3.2. Measurement Results - Vertical Antenna, X Axis



Date: 21.MAY.2021 09:32:42



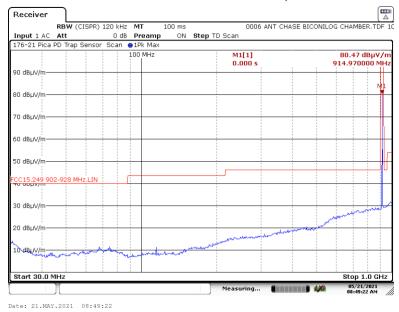


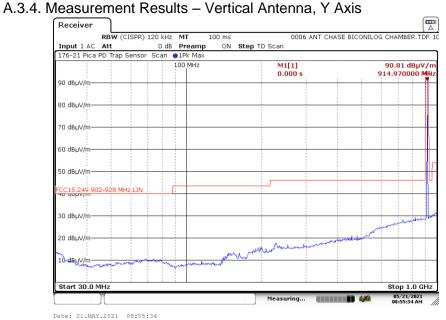
Appendix A (continued)

Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), **ISED RSS-GEN, Issue 5 (continued)**

A.3. Spurious Radiated Emissions (30 MHz to 1 GHz)

A.3.3. Measurement Results - Horizontal Antenna, Y Axis









Appendix A (continued)

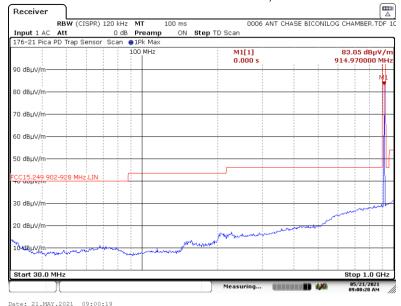
Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.3. Spurious Radiated Emissions (30 MHz to 1 GHz)

A.3.5. Measurement Results - Horizontal Antenna, Z Axis



A.3.6. Measurement Results – Vertical Antenna, Z Axis



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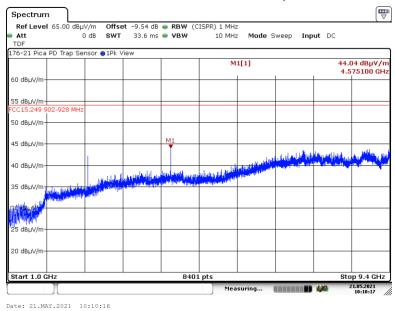


Appendix A (continued)

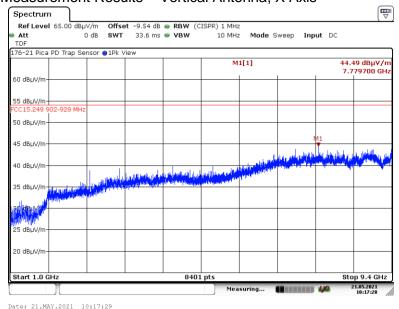
Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.4. Spurious Radiated Emissions (1 to 9.4 GHz)

A.4.1. Measurement Results - Horizontal Antenna, X Axis



A.4.2. Measurement Results - Vertical Antenna, X Axis





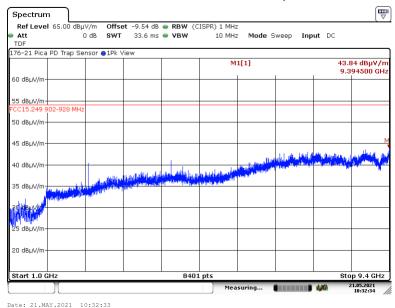


Appendix A (continued)

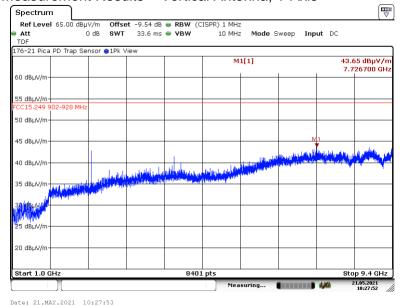
Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.4. Spurious Radiated Emissions (1 to 9.4 GHz)

A.4.3. Measurement Results - Horizontal Antenna, Y Axis



A.4.4. Measurement Results - Vertical Antenna, Y Axis





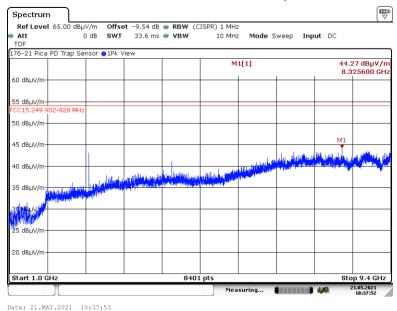


Appendix A (continued)

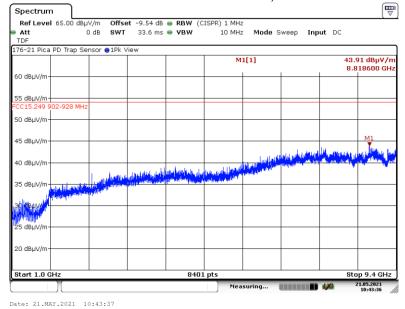
Spurious Radiated Emissions, 30 kHz to EUT 10th Harmonic (15.249, Section (d)), ISED RSS-GEN, Issue 5 (continued)

A.4. Spurious Radiated Emissions (1 to 9.4 GHz)

A.4.5. Measurement Results - Horizontal Antenna, Z Axis



A.4.6. Measurement Results – Vertical Antenna, Z Axis



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