

Testing Tomorrow's Technology

Class 2 Permissive Change Application

For

Part 2, Subpart J, Paragraph 2.907 Equipment Authorization of Certification for an Intentional Radiator per Part 15, Subpart C, paragraphs 15.207, 15.209 and 15.247

And

**Innovation, Science, and Economic Development Canada
Certification Per
RSS-Gen (I5) General Requirements for Radio Apparatus
And
RSS-247 (I4) Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSS) and License-Exempt Local Area Network (LE-LAN) Devices**

For the

Digital Monitoring Products, Inc.

Model: PC-0248 (1103)

FCC ID: CCKPC0248

IC: 5251A-PC0248

UST Project: 26-0114

Issue Date: May 18, 2026

Total Pages in This Report : 25

3505 Francis Circle Alpharetta, GA 30004

PH: 770-740-0717 Fax: 770-740-1508

www.ustech-lab.com



Testing Tomorrow's Technology

I certify that I am authorized to sign for the Test Agency and that all of the statements in this report and in the Exhibits attached hereto are true and correct to the best of my knowledge and belief:

US TECH (Agent Responsible for Test):

By: Alan Ghasiani

Name: Alan Ghasiani

Title: Compliance Engineer – President

Date May 18, 2026



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MEASUREMENT TECHNICAL REPORT

COMPANYS NAME: Digital Monitoring Products, Inc.
ADDRESS: 2500 N. Partnership Blvd. Springfield, Missouri 65803
MODEL: PC-0248 (1103)
FCC ID: CCKPC0248
IC: 5251A-PC0248
DATE: May 18, 2026

This report concerns (check one): ☐ Original grant ☒ Class II change

Equipment type: 902-928 MHz Radio Transceiver

Technical: FHSS modulation
903.3 MHz – 926.6 MHz (52 hop channels)
Type of modulation: FHSS
Antenna Gain: Refer to Table 4
Maximum Output Power: +8.05 dBm (see NCEE Labs test report #R20221221-20-E1)
EUT firmware number: 201

☒ **Disclaimer (check if applicable):**

Unless otherwise noted, the information presented in this section has been provided by the client and is assumed to be accurate and complete. All calculations, assessments, and conclusions herein are based on the client-supplied data. The testing laboratory has not independently verified this information and shall not be held responsible for any inaccuracies or omissions in the client-provided content.

Report prepared by:	US Tech 3505 Francis Circle Alpharetta, GA 30004 FCC Lab Designation#: US3501 CANADA Lab Code: 9000A-1, CAB ID: US0031
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1. General Information

1.1. Purpose of this Report

This report is prepared as a means of showing continued compliance with FCC Rules and Regulations Part 15, Section 247 and ISSED Radio Standards Specification RSS 247 Issue 4.

This Class II Permissive Change request is submitted to authorize the use of an additional antenna with the device. The client intends to add the following antenna:

- Johanson Technology, Part No. 0915AT43A0026 (PCB chip antenna)

Based on this change, the following testing was performed to demonstrate continued compliance:

- Radiated Spurious Emissions per FCC Part 15.209, 15.247, and RSS 247 Issue 4

In addition, this Class II Permissive Change updates the device's Canadian certification from RSS 247 Issue 2 to RSS 247 Issue 4

1.2. Characterization of Test Sample

The sample used for testing was received by US Tech on April 8, 2026 in good operating condition.

1.3. Product Description

The Equipment under Test (EUT) is the Digital Monitoring Products, Inc. model: PC-0248 (1103). The EUT is a frequency hopping, wireless transceiver. The EUT is a wireless universal transmitter with two-way supervisory wireless features. It is typically used for door and window applications. The EUT features 128-bit AES encryption. The EUT operates in the 902-928 MHz ISM band.

1.4. Configuration of Tested System

The Test Sample was tested per *ANSI C63.10:2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices* for the intentional radiator aspect of the device and *ANSI C63.4:2014, Methods of Measurement of Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz (2014)* for the unintentional radiator aspect of the device as well as FCC subpart B and C of Part 15 and per FCC KDB Publication number 558074 v05r02 for Digital Transmission Systems Operating Under section 15.247.

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Digital RF conducted and radiated emissions data below 1 GHz were taken with the measuring receiver (or spectrum analyzer's) resolution bandwidth adjusted to 9 kHz and 120 kHz, respectively. All measurements performed above 1.0 GHz were made with a RBW of 1 MHz. All measurements are peak unless stated otherwise. The video filter associated with the spectrum analyzer was set to 3 times the RBW or as required per the standard throughout the evaluation process.

A list of EUT and Peripherals is found in Table 1. A block diagram of the tested system is shown in Figure 1. Test configuration photographs for spurious and fundamental emissions are provided in separate exhibits.

Table 1. EUT and Peripherals

PERIPHERAL MANUFACTURE R	MODEL NUMBER	SERIAL NUMBER	REMARKS	CABLES P/D
Digital Monitoring Products, Inc. (EUT)	PC-0248 (1103)	SAM V2	FCC ID: CCKPC0248 IC: 5251A-PC0248	N/A
Antenna See Test Equipment Details	--	--	--	--

U= Unshielded S= Shielded P= Power D= Data

1.5. Test Facility

Testing was performed at US Tech's measurement facility at 3505 Francis Circle, Alpharetta, GA 30004. This site has been fully described and registered with the FCC. Its designation number is 186022. Additionally, this site has also been fully described and submitted to Industry Canada (IC), and has been approved under file number 9900A-1.

1.6. Related Submittals

1.6.1. The EUT is subject to the following FCC authorizations:

- Certification under section 15.247 as a transmitter.
- Original FCC Grant date:
- Original ISED Certification and REL listing date:

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2. Tests and Measurements

2.1. Test Equipment

The table below lists test equipment used to evaluate this product. Model numbers, serial numbers and their calibration status are indicated.

Table 2. Test Instruments

INSTRUMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DUE DATE
Spectrum Analyzer	Agilent	E4440A	MY45304803	9/04/2027 2 years
Biconical Antenna	EMCO	3110B	9307-1431	2/24/2027 2 years
Log Periodic Antenna	EMCO	3146	9305-3600	11/15/2026 2 years
Horn Antenna	A.H. Systems	SAS-571	605	3/18/2027 2 years
LF Pre-Amplifier	Hewlett-Packard	8447D	1937A01611	2/13/2027
HF Pre-Amplifier	Hewlett-Packard	8449B	3008A01275	2/12/2027
High Pass Filter	Mini-Circuits	VHF-1320-15542	30843	7/07/2026
RF Cable	US Tech	LMR400	None	7/7/2026
RF Cable	US Tech	ULC-3F-T-SM-SM	2146	1/14/2027
RF Cable	Time Microwave Systems	LMR400	None	1/14/2027
RF Cable	Time Microwave Systems	LMR400	19424	2/13/2027
RF Cable	Harbor Industries	LL142	A13355-3036	2/13/2027

Note: The calibration interval of the above test instruments are 12 months unless stated otherwise and all calibrations are traceable to NIST/USA.

2.2. Modifications to EUT Hardware

No modifications were made by US Tech to bring the EUT into compliance with FCC Part 15.247 or IC RSS-210 requirements.

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2.3. Number of Measurements for Intentional Radiators (15.31(m), RSS-Gen 6.9)

Measurements of intentional radiators or receivers shall be performed and reported for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in Table 3 below.

Table 3. Number of Test Frequencies for Intentional Radiators

Frequency Range over which the device operates	Number of Frequencies	Location in the Range of operation
1 MHz or less	1	Middle
1 to 10 MHz	2	1 near the top 1 near the bottom
Greater than 10 MHz	3	1 near top 1 near middle 1 near bottom

Because the EUT operates at in the 902 to 928 MHz band, three test frequencies were used.

2.4. Frequency Range of Radiated Measurements (Part 15.33, RSS-GEN 6.13)

2.4.1. Intentional Radiator

The spectrum shall be investigated for the intentional radiator from the lowest RF signal generated in the EUT, without going below 9 kHz to the 10th harmonic of the highest fundamental frequency generated or 40 GHz, whichever is the lowest.

2.4.2. Unintentional Radiator

For the digital device, an unintentional radiator, the frequency range shall be 30 MHz to 1000 MHz, or to the range specified in 2.4.1 above, whichever is the higher range of investigation.

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2.5. Measurement Detector Function and Bandwidth (CFR 15.35, RSS-Gen 6.10, 6.13)

The radiated and conducted emissions limits shown herein are based on the following:

2.5.1. Detector Function and Associated Bandwidth

On frequencies below 1000 MHz, the limits herein are based upon measurement equipment employing a CISPR Quasi-peak detector function and related measurement bandwidths (i.e. 9 kHz from 150 kHz to 30 MHz and 120 kHz from 30 MHz to 1000 MHz). Alternatively, measurements may be made with equipment employing a peak detector function as long as the same bandwidths specified for the Quasi-peak device are used.

2.5.2. Corresponding Peak and Average Requirements

Above 1000 MHz, radiated limits are based on measuring instrumentation employing an average detector function. When average radiated emissions are specified, there is also a corresponding Peak requirement, as measured using a peak detector, of 20 dB greater than the average limit. For all measurements above 1000 MHz the Resolution Bandwidth shall be at least 1 MHz.

2.5.3. Pulsed Transmitter Averaging

When the radiated emissions limit is expressed as an average value, and the transmitter is pulsed, the measured field strength shall be determined by applying a Duty Cycle Correction Factor based upon dividing the total ON time during the first 100 ms period by 100 ms (or by the period if less than 100 ms). The duty cycle may be expressed logarithmically in dB.

NOTE: If the transmitter was programmed to transmit at >98% duty cycle, then, wherever applicable (where the detection mode was AVG) the duty cycle factor calculated will be applied.

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2.6. Transmitter Duty Cycle Correction Factor (CFR 15.35(c))

Manufacturer declared duty cycle:

Manufacturer declares worst case duty cycle is 12ms within a 100ms window.

Duty Cycle Correction Factor (DCCF) = $20 * \text{Log} (\text{Duty Cycle}) = 20 * \text{Log} (0.12) = -18.42 \text{ dB} = \text{DCCF}$

The DCCF value calculated above is used as the correction factor to account for AVG detection measurements.

2.7. Antenna Requirements (CFR 15.203, RSS-Gen 6.7)

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. Only the antenna(s) listed in Table 4 will be used with this module.

Table 4. Allowed Antenna(s)

REPORT REFERENCE	MANUFACTURER	TYPE OF ANTENNA	MODEL	GAIN dBi	TYPE OF CONNECTOR
Antenna	Johanson Technology	PCB Chip	0915AT43A0026	+1.0	Soldered/ permanent

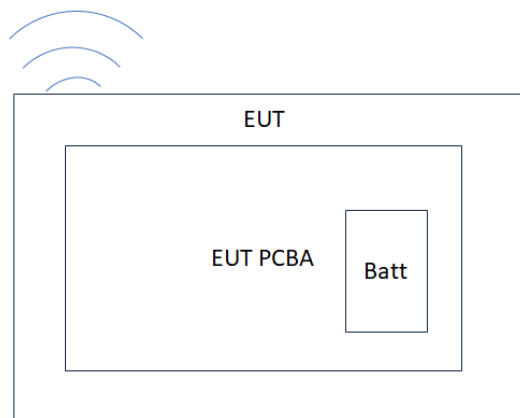


Figure 1. Block Diagram of EUT

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2.8. Restricted Bands of Operation (Part 15.205, RSS-Gen 8.10)

Only spurious emissions can fall in the frequency bands of CFR 15.205 and RSS-Gen 8.10. The field strength of these spurious cannot exceed the limits of 15.209 and RSS-Gen 8.9.

Radiated harmonics and other Spurious are examined for this requirement in Section 2.9. The test results show that the EUT continues to comply with these requirements.

2.9. Intentional Radiator, Radiated Emissions (CFR 15.209, RSS-Gen 8.9)

The test data provided herein supports the verification requirement for radiated emissions coming for the EUT in a transmitting state per 15.209 and were investigated from 30 MHz to 10 GHz. Measurements below 30 MHz are were not assessed as part of this Class II Permissive Change request. Based on the changes made it was determined that emissions below 30 MHz would have little to no change.

Radiated emissions data was investigated using the test methods as outlined in ANSI C63.10:2020 and FCC KDB 558074 v05v02 as cited in Section 1.4.

Measurements were made with the analyzer's resolution bandwidth set to 120 kHz for measurements made below 1 GHz and 1 MHz for measurements made above 1 GHz. The video bandwidth was set to three times the resolution bandwidth; 1 MHz RBW and 3 MHz VBW. The test data were maximized for magnitude by rotating the turn-table through 360 degrees and raising and lowering the receiving antenna between 1 to 4 meters in height as a part of the measurement procedure.

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2.9.1. Intentional Radiator, Radiated Spurious Emissions

The worst-case radiated emission in the range of 30 MHz to 1000 MHz was 22.9 dB below the limit at 48.90 MHz. This signal is found below. All other radiated emissions were 24.1 dB or more below the limit.

Table 5. Spurious Radiated Emissions (30 MHz – 1000 MHz)

Test: FCC Part 15.209 and RSS-Gen 8.9							
Frequency (MHz)	Test Data (dBµV)	AF+CL-PA (dB)	Results (dBµV/m)	Limits (dBµV/m)	Distance / Polarization	Margin (dB)	DETECTOR PK / QP
48.90	28.65	-11.51	17.14	40.0	3m./HORZ	22.9	PK
108.01	30.25	-12.72	17.53	43.5	3m./HORZ	26.0	PK
309.39	28.56	-6.64	21.93	46.0	3m./HORZ	24.1	PK
108.01	30.52	-12.12	18.41	43.5	3m./VERT	25.1	PK
254.35	29.61	-10.11	19.49	46.0	3m./VERT	26.5	PK
340.39	29.53	-8.22	21.31	46.0	3m./VERT	24.7	PK

Sample Calculation at 48.90 MHz:

Magnitude of Measured Frequency	28.65 dBµV
+Correction Factors	-11.51 dB
Corrected Result	17.14 dBµV/m

Test Date: April 8, 2026

Tested by
Signature: Elliott T. Chaves

Name: Elliott T Chaves

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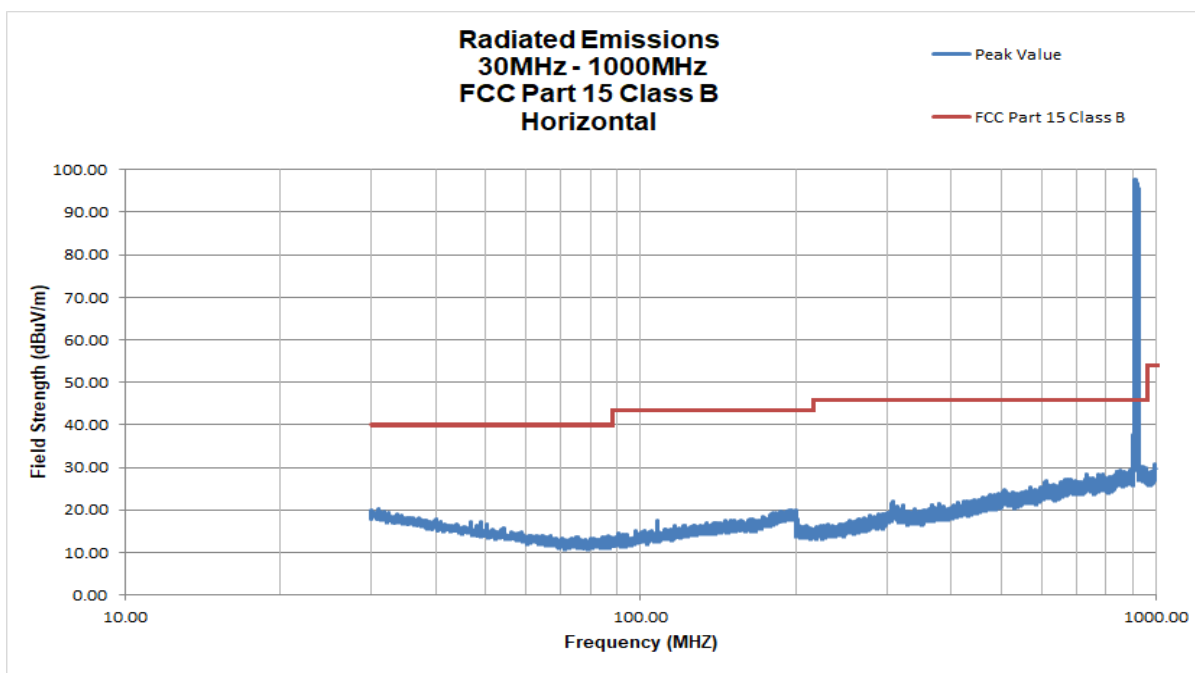


Figure 2. Intentional Radiator, Radiated Emissions Horizontal, 30 MHz – 1000 MHz

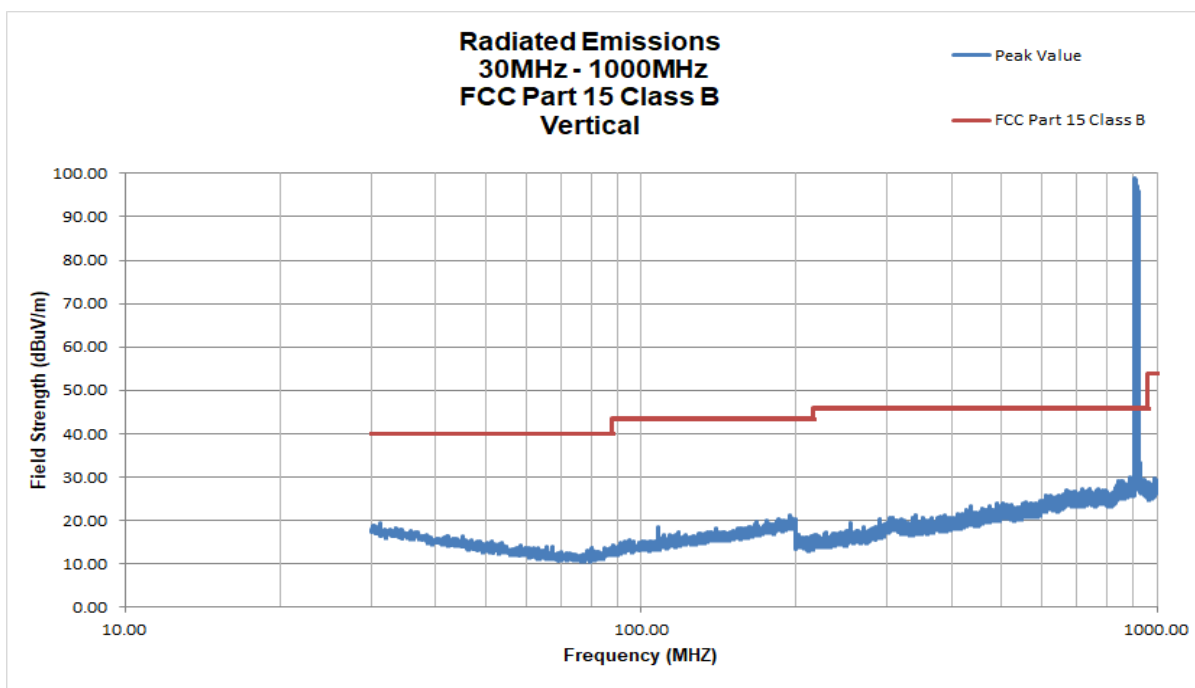


Figure 3. Intentional Radiator, Radiated Emissions Vertical, 30 MHz – 1000 MHz

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The worst-case radiated emission in the range of Above 1 GHz was 5.1 dB below the limit at 9539.16 MHz. This signal is found below. All other radiated emissions were 6.0 dB or more below the limit.

Table 6. Spurious Radiated Emissions (Above 1 GHz)

Test: FCC Part 15.209 and RSS-Gen 8.9							
Frequency (MHz)	Test Data (dBµV)	AF+CL-PA (dB)	Results (dBµV/m)	Limits (dBµV/m)	Distance / Polarization	Margin (dB)	Detector PK / AVG
1316.10	46.24	-10.99	35.25	54.0	3m./HORZ	18.8	PK
7305.47	40.72	7.30	48.02	54.0	3m./HORZ	6.0	PK
9539.16	39.83	9.09	48.92	54.0	3m./HORZ	5.1	PK
1316.10	46.24	-11.02	35.22	54.0	3m./VERT	18.8	PK
7305.47	40.72	7.29	48.01	54.0	3m./VERT	6.0	PK
9539.16	39.83	9.10	48.93	54.0	3m./VERT	5.1	PK

Sample Calculation at 1316.10 MHz:

Magnitude of Measured Frequency	46.24 dBµV
+Correction Factors	-10.99 dB
Corrected Result	35.25 dBµV/m

Test Date: April 8, 2026

Tested by
Signature: Elliott K. Chaves Name: Elliott Chaves

US Tech Test Report:
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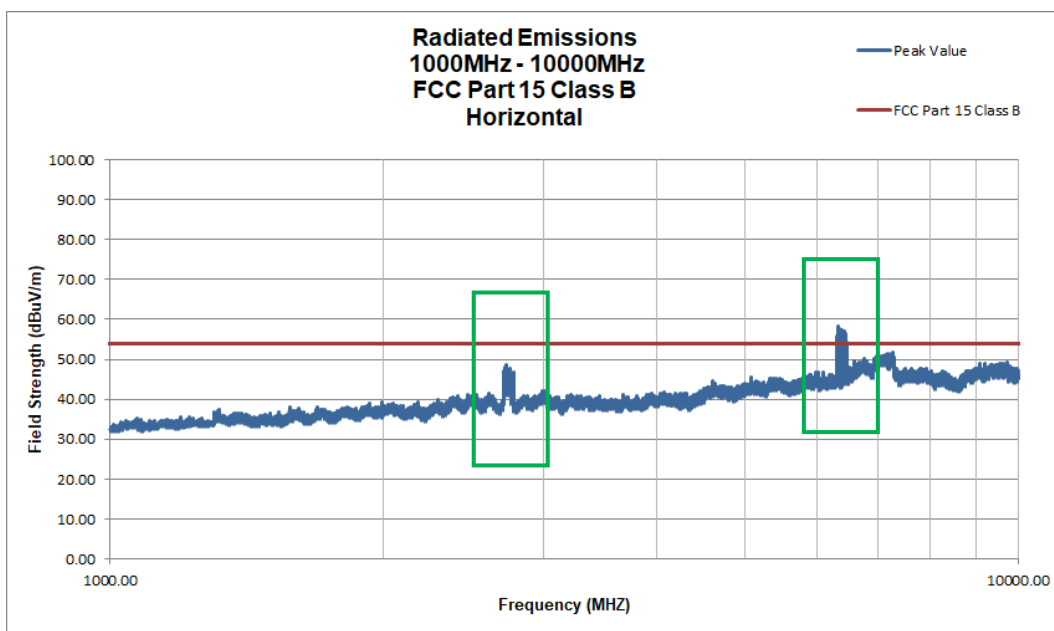


Figure 4. Intentional Radiator, Radiated Emissions Horizontal, 1 GHz – 10 GHz

Note: No other spurious emissions seen beside harmonics emissions as identified above.

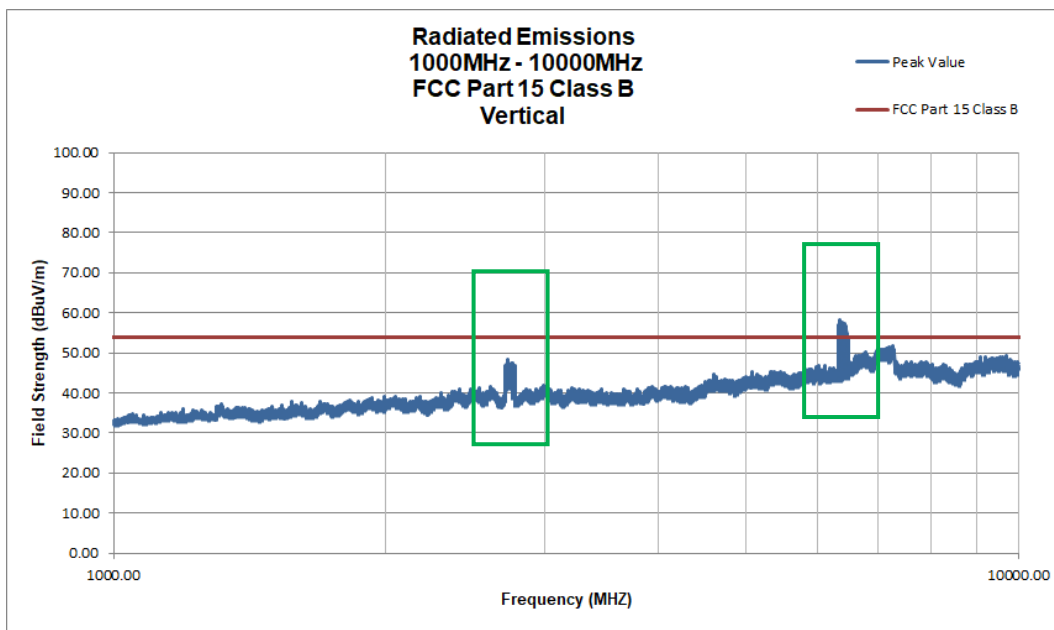


Figure 5. Intentional Radiator, Radiated Emissions Vertical, 1 GHz – 10 GHz

Note: No other spurious emissions seen beside harmonics emissions as identified above.

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2.9.2. Intentional Radiator, Fundamental and Harmonic Emissions

The follow data is are fundamental and harmonic test data collected for EUT.
The data was compared to Part 15.247 limits for 902-928 MHz ISM band radio operation.

Fundamental Measurements							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP+DC (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Distance / Polarization	Margin (dB)	Detection
903.31	77.79	25.34	103.13	Note 1.	3m./HORZ	--	PK
914.99	71.68	25.46	97.14	Note 1.	3m./HORZ	--	PK
926.66	72.57	25.47	98.04	Note 1.	3m./HORZ	--	PK
The Horizontal polarity generated the highest field strength levels.							

Note 1: The Fundamental output power limits are based on conducted output measurements. See original test report NCEE Labs # R20221221-20-E1 for details.

Sample Calculation at 903.31 MHz:

Magnitude of Measured Frequency	77.79 dBuV
+Correction Factors	25.34 dB
Corrected Result	103.13 dBuV/m

Test Date: April 8, 2026 & May 13, 2026

Tested by
Signature: Elliott K. Chaves

Name: Elliott Chaves

Tested by
Signature: Gabriel Medina

Name: Gabriel Medina

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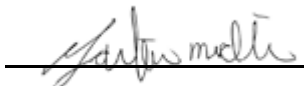
Low Channel Harmonics – Peak Limits							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	PK Limits (dBuV/m)	Distance / Polarization	Margin (dB)	Detection
2709.00	56.03	-2.88	53.15	74.0	3m./HORZ	20.9	PK
4516.00	40.97	2.53	43.50	74.0	3m./HORZ	30.5	PK
5420.00	39.89	5.72	45.61	74.0	3m./HORZ	28.4	PK
6323.00	52.06	7.47	59.53	74.0	3m./HORZ	14.5	PK
2710.00	54.93	-3.04	51.89	74.0	3m./VERT	22.1	PK
4516.00	41.67	2.55	44.22	74.0	3m./VERT	29.8	PK
5419.00	41.93	5.79	47.72	74.0	3m./VERT	26.3	PK
6323.00	52.47	7.47	59.94	74.0	3m./VERT	14.1	PK
7229.00	38.72	10.38	49.10	74.0	3m./VERT	24.9	PK
8130.00	40.23	11.11	51.34	74.0	3m./VERT	22.7	PK
9033.00	39.43	12.51	51.94	74.0	3m./VERT	22.1	PK

Sample Calculation at 2709.00 MHz:

Magnitude of Measured Frequency	56.03 dBμV
+Correction Factors	-2.88 dB
Corrected Result	53.15 dBμV/m

Test Date: May 13-14, 2026

Tested by

Signature: 

Name: Gabriel Medina

US Tech Test Report:
FCC ID:
IC:
Test Report Number:
Issue Date:
Customer:
Model:

FCC Part 15 Certification/ RSS 247
CCKPC0248
5251A-PC0248
26-0114
May 18, 2026
Digital Monitoring Products, Inc.
PC-0248 (1103)

Middle Channel Harmonics – Peak Limits							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Distance / Polarization	Margin (dB)	Detection
2728.61	51.45	-2.89	48.57	74.0	3m./HORZ	25.4	PK
6386.05	50.63	6.79	57.42	74.0	3m./HORZ	16.6	PK
7305.47	40.72	10.42	51.14	74.0	3m./HORZ	22.9	PK
8263.52	39.98	11.90	51.88	74.0	3m./VERT	22.1	PK
9083.95	39.73	13.71	53.44	74.0	3m./VERT	20.6	PK
2756.73	52.09	-3.05	49.04	74.0	3m./HORZ	25.4	PK
6354.55	53.98	7.45	61.42	74.0	3m./HORZ	16.6	PK
7239.86	40.65	10.00	50.65	74.0	3m./HORZ	22.9	PK
8259.40	39.57	11.89	51.46	74.0	3m./VERT	22.1	PK
9189.69	39.62	14.60	54.22	74.0	3m./VERT	20.6	PK

Sample Calculation at 2728.61 MHz:

Magnitude of Measured Frequency	51.45 dBuV
+Correction Factors	-2.89 dB
Corrected Result	48.57 dBuV/m

Test Date: April 8-9, 2026

Tested by

Signature: Elliott L. Chaves

Name: Elliott Chaves

US Tech Test Report:
 FCC ID:
 IC:
 Test Report Number:
 Issue Date:
 Customer:
 Model:

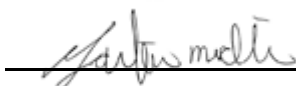
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 May 18, 2026
 Digital Monitoring Products, Inc.
 PC-0248 (1103)

High Channel Harmonics – Peak Limits							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Distance / Polarization	Margin (dB)	Detection
2780.00	56.20	-3.07	53.13	74.0	3m./HORZ	20.9	PK
5560.00	39.53	5.64	45.17	74.0	3m./HORZ	28.8	PK
6486.00	52.09	7.17	59.26	74.0	3m./HORZ	14.7	PK
7410.00	38.46	10.52	48.98	74.0	3m./HORZ	25.0	PK
8340.00	38.51	13.03	51.54	74.0	3m./HORZ	22.5	PK
9270.00	36.93	14.32	51.25	74.0	3m./HORZ	22.8	PK
2779.00	52.36	-3.14	49.22	74.0	3m./VERT	24.8	PK
5560.00	40.44	5.61	46.05	74.0	3m./VERT	28.0	PK
6486.00	51.81	7.16	58.97	74.0	3m./VERT	15.0	PK
7411.00	38.26	10.52	48.78	74.0	3m./VERT	25.2	PK
8339.00	42.15	13.07	55.22	74.0	3m./VERT	18.8	PK
9266.00	37.38	14.45	51.83	74.0	3m./VERT	22.2	PK

Sample Calculation at 2780.00 MHz:

Magnitude of Measured Frequency	56.20 dBuV
+Correction Factors	-3.07 dB
Corrected Result	53.13 dBuV/m

Test Date: May 13-14, 2026

Tested by
 Signature:  Name: Gabriel Medina

US Tech Test Report:
 FCC ID:
 IC:
 Test Report Number:
 Issue Date:
 Customer:
 Model:

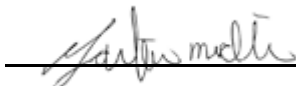
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Low Channel Harmonics – Average Limits							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP+DC (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Distance / Polarization	Margin (dB)	Detection
2709.00	37.61*	-2.88	34.73	54.0	3m./HORZ	19.3	PK
4516.00	22.55*	2.53	25.08	54.0	3m./HORZ	28.9	PK
5420.00	21.43*	5.72	27.15	54.0	3m./HORZ	26.9	PK
6323.00	33.64*	7.47	41.11	54.0	3m./HORZ	12.9	PK
2710.00	36.51*	-3.04	33.47	54.0	3m./VERT	20.5	PK
4516.00	23.25*	2.55	25.8	54.0	3m./VERT	28.2	PK
5419.00	23.51*	5.79	29.3	54.0	3m./VERT	24.7	PK
6323.00	34.05*	7.47	41.52	54.0	3m./VERT	12.5	PK
7229.00	20.30*	10.38	30.68	54.0	3m./VERT	23.3	PK
8130.00	21.81*	11.11	32.92	54.0	3m./VERT	21.1	PK
9033.00	21.01*	12.51	33.52	54.0	3m./VERT	20.5	PK
(*)Duty Cycle correction Factor (DC) of -18.42 dB used to calculate the corrected AVG value. The DC was included in the third column along with the additional correction factors.							

Sample Calculation at 2709.00 MHz:

Magnitude of Measured Frequency	37.61 dBuV
+Correction Factors	-2.88 dB
Corrected Result	34.73 dBuV/m

Test Date: May 13- 14, 2026

Tested by
 Signature:  Name: Gabriel Medina

US Tech Test Report:
 FCC ID:
 IC:
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 Customer:
 Model:

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Mid Channel Harmonics – Average Limits							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP+DC (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Distance / Polarization	Margin (dB)	Detection
2728.61	33.03*	-2.89	30.14	54.0	3m./HORZ	23.9	PK
6386.05	32.21*	6.79	39.00	54.0	3m./HORZ	15.0	PK
7305.47	22.30*	10.42	32.72	54.0	3m./HORZ	21.3	PK
8263.52	21.56*	11.90	33.46	54.0	3m./VERT	20.5	PK
9083.95	21.31*	13.71	35.02	54.0	3m./VERT	19.0	PK
2756.73	33.67*	-3.05	30.62	54.0	3m./HORZ	23.4	PK
6354.55	35.56*	7.45	43.01	54.0	3m./HORZ	11.0	PK
7239.86	22.23*	10.00	32.23	54.0	3m./HORZ	21.8	PK
8259.40	21.15*	11.89	33.04	54.0	3m./VERT	21.0	PK
9189.69	21.20*	14.60	35.80	54.0	3m./VERT	18.2	PK
(*)Duty Cycle correction Factor (DC) of -18.42 dB used to calculate the corrected AVG value. The DC was included in the third column along with the additional correction factors.							

Sample Calculation at 2728.61 MHz:

Magnitude of Measured Frequency	33.03 dBuV
+Correction Factors	-2.89 dB
Corrected Result	30.14 dBuV/m

Test Date: April 8-9, 2026

Tested by

Signature: Elliott X. Chaves

Name: Elliott Chaves

US Tech Test Report:
FCC ID:
IC:
Test Report Number:
Issue Date:
Customer:
Model:

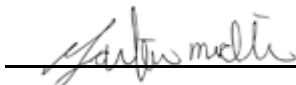
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High Channel Harmonics – Average Limits							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP+DC (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Distance / Polarization	Margin (dB)	Detection
2780.00	37.78*	-3.07	34.71	54.0	3m./HORZ	19.3	PK
5560.00	21.11*	5.64	26.75	54.0	3m./HORZ	27.3	PK
6486.00	33.67*	7.17	40.84	54.0	3m./HORZ	13.2	PK
7410.00	20.04*	10.52	30.56	54.0	3m./HORZ	23.4	PK
8340.00	20.09*	13.03	33.12	54.0	3m./HORZ	20.9	PK
9270.00	18.51*	14.32	32.83	54.0	3m./HORZ	21.2	PK
2779.00	33.94*	-3.14	30.8	54.0	3m./VERT	23.2	PK
5560.00	22.02*	5.61	27.63	54.0	3m./VERT	26.4	PK
6486.00	33.39*	7.16	40.55	54.0	3m./VERT	13.5	PK
7411.00	19.84*	10.52	30.36	54.0	3m./VERT	23.6	PK
8339.00	23.73*	13.07	36.8	54.0	3m./VERT	17.2	PK
9266.00	18.96*	14.45	33.41	54.0	3m./VERT	20.6	PK
(*)Duty Cycle correction Factor (DC) of -18.42 dB used to calculate the corrected AVG value. The DC was included in the third column along with the additional correction factors.							

Sample Calculation at 2780.00 MHz:

Magnitude of Measured Frequency	37.78 dBuV
+Correction Factors	-3.07 dB
Corrected Result	34.71 dBuV/m

Test Date: May 13 - 14, 2026

Tested by
Signature: 

Name: Gabriel Medina

US Tech Test Report:
FCC ID:
IC:
Test Report Number:
Issue Date:
Customer:
Model:

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2.10. Measurement Uncertainty

The measurement uncertainties given were calculated using the method detailed in CISPR 16-4. A coverage factor of $k=2$ was used to give a level of confidence of approximately 95%.

2.10.1. Conducted Emissions Measurement Uncertainty

Measurement Uncertainty (within a 95% confidence level) for this test is ± 2.85 dB.

2.10.2. Radiated Emissions Measurement Uncertainty

For a measurement distance of 3 m the measurement uncertainty (with a 95% confidence level) for this test using a Biconical Antenna (30 MHz to 200 MHz) is ± 5.4 dB. This value includes all elements of measurement.

The measurement uncertainty (with a 95% confidence level) for this test using a Log Periodic Antenna (200 MHz to 1000 MHz) is ± 5.19 dB.

The measurement uncertainty (with a 95% confidence level) for this test using a Horn Antenna is ± 5.08 dB.

3. Conclusions

The EUT is deemed to have met the requirements of the standards cited within the test report when tested as detailed in the present test report.

END TEST REPORT