Electromagnetic Compatibility Test Report

Filing type: Suppliers Declaration of Conformity

Equipment: Halo Band

Model Name: C9X87E, CL2D3N

Applicant: Conde Verdon Company LLC
3200 Greenfield Rd., Ste 300
Dearborn, MI 48120 USA

Standard: FCC 47 CFR Part 15 Subpart B

Prepared by:

TUV Rheinland of North America, Inc.
5015 Brandin Ct. Fremont CA 94538 USA

The Product was completed on August 9th, 2019. We, TUV Rheinland of North America, Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by any agency of government.

The test results in this report apply exclusively to the tested model/sample. Without written approval of Conde Verdon Company LLC, the test report shall not be reproduced except in full.

Prepared by: **James Borrott**

1/27/2020
Date ***Signature***

Reviewed By:

1/27/2020
Date ***Signature***

Responsible Party (Name): Pamela A. Jasinksi
Responsible Party (Title): President
Responsible Company: Conde Verdon Company LLC

Responsible Party Signature:

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Revisions

Revision No.	Date	Reason for Change	Author
0	11/8/19	Original Document	JB
1	1/27/2020	Customer Info Change	JB

Note: Latest revision report will replace all previous reports.

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ATTESTATION OF TEST RESULTS

Client:	Conde Verdon Company LLC 3200 Greenfield Rd., Ste 300 Dearborn, MI 48120 USA	Email: CondeVerdonCompanyLLC@gmail.com	
Model Name:	Halo Band	***Serial Number:***	N/A
Model Numbers:	C9X87E, CL2D3N	***Date(s) Tested:***	July 29th – Aug 9th, 2019
Test Location:	TUV Rheinland of North America Inc. 5015 Brandin Ct. Fremont CA 94538 USA		
Test Specifications:	Emissions:	FCC Part 15 Subpart B: 2019	
	Immunity:	N/A	
Test Result:	**The above product was found to be Compliant to the above test standard(s)**		
Other aspects:	**None**		

FREMONT

US1131	**Testing Cert #3331.02**	**ISED** **US0185**	**1097 (A-0327)**

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1 General Information

1.1 Scope

This report is intended to document the status of conformance with the listed standards based on the results of testing performed on July 29th – August 9th, 2019 on the Models C9X87E and CL2D3N manufactured by Conde Verdon Company LLC. This report only applies to the specific samples tested under the stated test conditions. It is the responsibility of the manufacturer to assure that additional production units of this model are manufactured with identical or EMI equivalent electrical and mechanical components. This report is further intended to document changes and modifications to the EUT throughout its life cycle. All documentation will be included as a supplement.

1.2 Purpose

Testing was performed to evaluate the EMC performance of the EUT (Equipment Under Test) in accordance with the applicable requirements, procedures, and criteria defined in the application of regulations and application of standards listed in this report.

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1.3 Summary of Test Results	
Applicant	Conde Verdon Company LLC 3200 Greenfield Rd., Ste 300 Dearborn, MI 48120 USA
Contact	Pamela A. Jasinksi
Tel.	(302) 691-6440
E-mail	CondeVerdonCompanyLLC@gmail.com
Model Name	Halo Band
Model Number	C9X87E, CL2D3N
Input Power	AC 120V, 60Hz
Test Date(s)	July 29th – Aug 9th, 2019

Standards	Description	Severity Level or Limit	Criteria	Test Result
FCC Part 15 Subpart B: 2019	Radiated Emissions	Class B 30MHz - 18GHz	Limit	Complies
FCC Part 15 Subpart B: 2019	Conducted Emissions	Class B 150 kHz - 30 MHz	Limit	Complies

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Laboratory Information

1.4 Accreditations & Endorsements

1.4.1 US Federal Communications Commission

TUV Rheinland of North America EMC test facilities located at 1279 Quarry Lane, Ste. A, Pleasanton, CA, 94566, and 5015 Brandin Ct, Fremont, CA 94538, are recognized by the Commission for performing testing services for the general public on a fee basis. These laboratory test facilities have been fully described in reports submitted to and accepted by the FCC (Registration No. US1131). The laboratory Scopes of Accreditation include Title 47 CFR Parts 15, 18 and 90. The accreditations are updated every three years.

1.4.2 A2LA

TUV Rheinland of North America EMC test facilities are accredited by the American Association for Laboratory Accreditation (A2LA). The laboratories have been assessed and accredited by A2LA in accordance with ISO Standard 17025:2005 (Testing Certificate #3331.02). The Scope of Laboratory Accreditation includes emission and immunity testing. The accreditations are updated annually.

1.4.3 ISED

The Pleasanton 5-meter Semi-Anechoic Chamber, has been accepted by Industry Canada to perform testing to 3 and 5 meters based on the test procedures described in ANSI C63.4-2009. The Fremont 10-meter Semi-Anechoic Chamber has been accepted by ISED to perform testing to 3 and 10 meters based on the test procedures described in ANSI C63.4-2014 under registration number US0185.

1.4.4 Japan – VCCI

The Voluntary Control Council for Interference by Information Technology Equipment (VCCI) is a group that consists of Information Technology Equipment (ITE) manufacturers and EMC test laboratories. The purpose of the Council is to take voluntary control measures against electromagnetic interference from Information Technology Equipment, and thereby contribute to the development of a socially beneficial and responsible state of affairs in the realm of Information Technology Equipment in Japan. TUV Rheinland of North America EMC test facilities located at 1279 Quarry Lane, Ste. A, Pleasanton, CA, 94566, and 5015 Brandin Ct, Fremont, CA 94538, have been assessed and approved in accordance with the Regulations for Voluntary Control Measures.

VCCI Registration No. for Pleasanton: A-0326

VCCI Registration No. for Fremont: A-0327

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1.5 Test Facilities and EMC Software

Test facilities are located at 1279 Quarry Lane, Ste. A, Pleasanton, California 94566, U.S.A. and 5015 Brandin Ct. Fremont CA 94538 USA (Fremont is the Pleasanton Annex).

1.5.1 Emission Test Facility

The Semi-Anechoic Chambers and AC Line Conducted measurement facilities used to collect radiated and conducted emissions data have been constructed in accordance with ANSI C63.7:1992. The Fremont 10 meter semi-anechoic chamber has been measured in accordance with and verified to comply with the theoretical volumetric normalized site attenuation of ANSI C63.4:2014 and SVSWR requirements of CISPR 16-1-4 Consol. Ed. 3.0 (2010-04), at test distances of 3 and 10 meters. This site has been described in reports dated November 1st, 2006, submitted to the FCC, and accepted by letter dated November 28, 2006. The site is listed with the FCC and accredited by A2LA (Testing Certificate #3331.02). The Pleasanton 5 meter semi-anechoic chamber has been verified to comply with the theoretical volumetric normalized site attenuation of ANSI C63.4:2014 and SVSWR requirements of CISPR 16-1-4 Consol. Ed. 3.0 (2010-04) at a test distance of 3 meters. The site is listed with the FCC and accredited by A2LA (Testing Certificate #3331.02).

1.5.2 EMC Software - Fremont

Manufacturer	Name	Version	Test Type
Rohde & Schwarz	EMC32	10.50.10	Radiated & Conducted Emissions

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1.6 Measurement Uncertainty

Two types of measurement uncertainty are expressed in this report, per *ISO Guide To The Expression Of Uncertainty In Measurement*, 1st Edition, 1995.

The Combined Standard Uncertainty is the standard uncertainty of the result of a measurement when that result is obtained from the values of a number of other quantities, equal to the positive square root of a sum of terms, the terms being the variances or co-variances of these other quantities weighted according to how the measurement result varies with changes in these quantities. The term standard uncertainty is the result of a measurement expressed as a standard deviation.

The Expanded Uncertainty defines an interval about the result of a measurement that may be expected to encompass a large fraction of the distribution of values that could reasonably be attributed to the measurement and the fraction may be viewed as the coverage probability or level of confidence of the interval.

1.6.1 Sample Calculation – radiated & conducted emissions

The field strength is calculated by subtracting the Amplifier Gain and adding the Cable Loss and Antenna Correction Factor to the measured reading. The basic equation is as follows:

Field Strength (dBμV/m) = RAW - AMP + CBL + ACF

Where: RAW = Measured level before correction (dBμV)

AMP = Amplifier Gain (dB)

CBL = Cable Loss (dB)

ACF = Antenna Correction Factor (dB/m)

$$\mu V/m = 10^{\frac{dB\mu V/m}{20}}$$

Sample radiated emissions calculation @ 30 MHz

Measurement +Antenna Factor–Amplifier Gain+Cable loss=Radiated Emissions (dBuV/m)

25 dBuV/m + 17.5 dB – 20 dB + 1.0 dB = 23.5 dBuV/m

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1.6.2 Measurement Uncertainty Emissions

Per CISPR 16-4-2	**U_{lab}**	**U_{cispr}**
Radiated Disturbance @ 10 meters		
30 – 1,000 MHz	2.25 dB	4.51 dB
Radiated Disturbance @ 3 meters		
30 – 1,000 MHz	2.26 dB	4.52 dB
1 – 6 GHz	2.12 dB	4.25 dB
6 – 18 GHz	2.47 dB	4.93 dB
Conducted Disturbance @ Mains Terminals		
150 kHz – 30 MHz	1.09 dB	2.18 dB
Disturbance Power		

Voltech PM6000A

The estimated combined standard uncertainty for harmonic current and flicker measurements is ± 5.0%.	Per CISPR 16-4-2

1.6.3 Measurement Uncertainty Immunity

The estimated expanded uncertainty for ESD immunity measurements is ± 8.2%.	Per IEC 61000-4-2
The estimated expanded uncertainty for radiated immunity measurements is ± 4.10 dB.	Per IEC 61000-4-3
The estimated expanded uncertainty for EFT fast transient immunity measurements is ± 5.84%.	Per IEC 61000-4-4
The estimated expanded uncertainty for surge immunity measurements is ± 5.84 %.	Per IEC 61000-4-4
The estimated expanded uncertainty for conducted immunity measurements with CDN is ± 3.66 dB	Per IEC 61000-4-6
The estimated expanded uncertainty for power frequency magnetic field immunity is ± 11.6%.	Per IEC 61000-4-8
The estimated expanded uncertainty for voltage variation and interruption measurements is ± 3.48%.	Per IEC 61000-4-11

The expanded uncertainty at a level of 95% confidence is obtained by multiplying the combined standard uncertainty by a coverage factor of 2. Compliance criteria are not based on measurement uncertainty.

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1.7 Calibration Traceability

All measurement instrumentation is traceable to the National Institute of Standards and Technology (NIST). Measurement method complies with ANSI/NCSL Z540-1-1994 and ISO Standard 17025:2005. Equipment calibration records are kept on file at the test facility.

1.8 Measurement Equipment Used

Equipment	Manufacturer	Model #	Serial/Inst #	Last Cal mm/dd/yy	Next Cal mm/dd/yy	Test
EMI Receiver	Rohde & Schwarz	ESW44	101663-dv	07/18/2019	07/18/2020	RE
Preamplifier, 9 kHz – 1 GHz	Sonoma	310N	213221	01/16/2019	01/16/2020	RE
Bilog Antenna	Sunol Sciences	JB3	A060502	5/27/2018	5/27/2020	RE
Amplifier	Miteq	TTA1800-30-HG	1842452	01/15/2019	01/15/2020	RE
Horn Antenna	Sunol Sciences	DRH-118	A040806	03/05/2019	03/05/2020	RE
EMI Receiver	Rohde & Schwarz	ESIB40	100180	05/31/2018	05/31/2020	CE
L.I.S.N.	Com-Power	LI-215	192000	01/16/2019	01/16/2020	CE
Transient Limiter	Com-Power	LIT-930	531582	01/16/2019	01/16/2020	CE

Note: CE=Conducted Emissions, CI=Conducted Immunity, DP=Disturbance Power, EFT=Electrical Fast Transients, ESD=Electrostatic Discharge, FLI=Flicker, HAR=Harmonics, MF=Magnetic Field Immunity, NCR=No Calibration Required, RE=Radiated Emissions, RI=Radiated Immunity, SI=Surge Immunity, VDSI=Voltage Dips and Short Interruptions

2 Product Information

2.1 Product Description

See Section 4.

2.2 Equipment Modifications

No modifications were needed to bring product into compliance.

2.3 Test Plan

The EUT product information, test configuration, mode of operation, test types, test procedures, test levels, pass/failure criteria, in this report were carried out per the product test plan located in Appendix A of this report.

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3 Emissions

3.1 Radiated Emissions

This test measures the electromagnetic levels of spurious signals generated by the EUT that radiated from the EUT and may affect the performance of other nearby electronic equipment.

3.1.1 Overview of Test

Results	**Compliant** (as tested per this report)	**Test Date(s)**	July 29th – Aug 9th
Standard	FCC Part 15 Subpart B: 2019		
Model Number	C9X87E , CL2D3N	**Serial #**	N/A
Configuration	Unintentional Radiated Emissions		
Test Setup	Tested in the 10-meter Semi-Anechoic chamber, placed on table: see test plan for details.		
EUT Powered By	120 VAC / Battery		
Frequency Range	30 MHz to 18 GHz		
Perf. Criteria	Class B	**Perf. Verification**	Readings under limit
Mod. to EUT	None	**Test Performed By**	James Borrott

3.1.2 Test Procedure

Unintentional Radiated emissions tests were performed using the procedures of ANSI C63.4:2014 including methods for signal maximizations and EUT configuration. The frequency range from 30 MHz to 18 GHz was investigated for radiated emissions. Worse case emissions reported below.

3.1.3 Deviations

There were no deviations from the test methodology listed in the test plan for the radiated emission test.

3.1.4 Final Test

All final radiated emissions measurements were below the specification limits.

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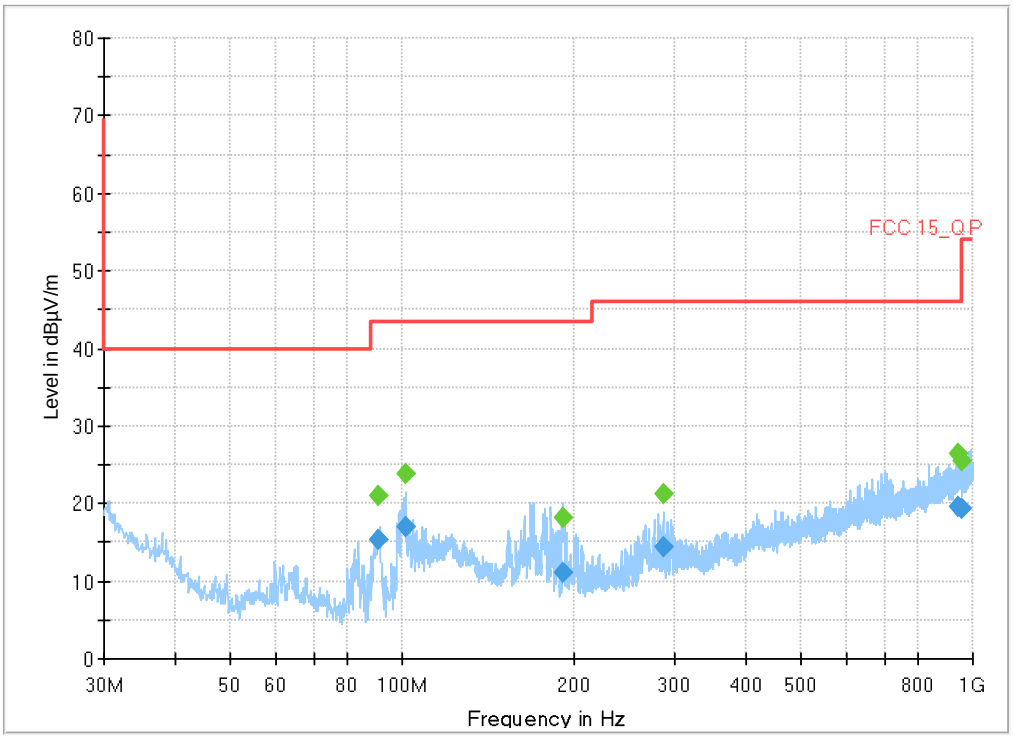
3.1.5 Plots

NOTES:	**Radiated Emissions Full Scan** **30 MHz – 1000 MHz** **Vertical / Horizontal**



3.1.6 Final Tabulated Data 30-1000MHz

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol
90.903400	15.25	43.52	28.27	1000.0	120.000	100.0	V
101.771560	16.93	43.52	26.58	1000.0	120.000	100.0	V
191.329000	11.16	43.50	32.34	1000.0	120.000	100.0	V
286.667560	14.49	46.00	31.51	1000.0	120.000	100.0	V
945.585360	19.61	46.00	26.39	1000.0	120.000	283.0	V
956.747160	19.44	46.00	26.56	1000.0	120.000	150.0	V

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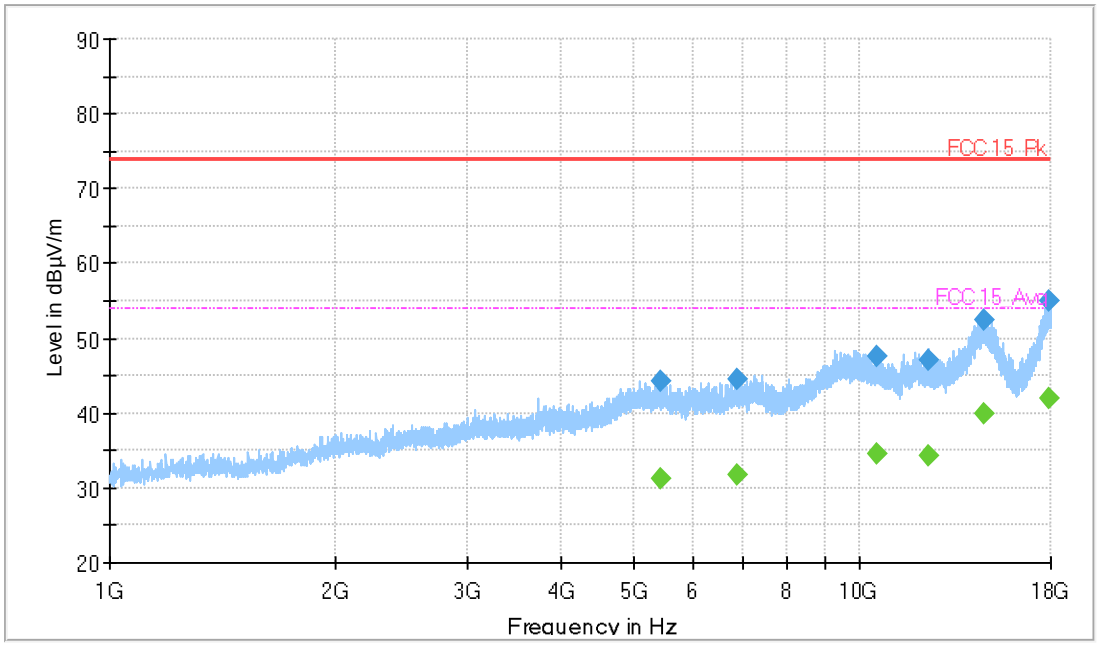
Radiated Emissions Full Scan
1000 MHz – 18000 MHz
Vertical / Horizontal



3.1.7 Final Tabulated Data 1000-18000MHz

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol
5421.545500	44.25	---	74.00	29.75	204.0	V
5421.545500	---	31.29	54.00	22.71	204.0	V
6877.864500	44.48	---	74.00	29.52	115.0	V
6877.864500	---	31.78	54.00	22.22	115.0	V
10573.401000	---	34.44	54.00	19.56	217.0	V
10573.401000	47.53	---	74.00	26.47	217.0	V
12352.500000	---	34.21	54.00	19.79	280.0	H
12352.500000	47.02	---	74.00	26.98	280.0	H
14613.803500	---	39.95	54.00	14.05	250.0	V
14613.803500	52.49	---	74.00	21.51	250.0	V
17861.785000	---	41.91	54.00	12.09	100.0	H
17861.785000	55.10	---	74.00	18.90	100.0	H

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3.2 Conducted Emissions

This test measures the electromagnetic levels of spurious signals generated by the EUT on the AC power line that may affect the performance of other nearby electronic equipment.

3.2.1 Overview of Test

Results	**Compliant** (as tested per this report)	**Test Date(s)**	August 5th
Standard	FCC Part 15 Subpart B: 2019		
Model Number	C9X87E, CL2D3N	**Serial #**	N/A
Configuration	See test plan for details.		
Test Setup	Tested in Lab 2, EUT placed on table: see test plan for details.		
EUT Powered By	120 Vac, 60 Hz		
Frequency Range	0.15 – 30 MHz		
Perf. Criteria	None	**Perf. Verification**	Readings Under Limit for L1 & Neutral
Mod. to EUT	None	**Test Performed By**	James Borrott

3.2.2 Test Procedure

Conducted emissions tests were performed using the procedures of ANSI C63.4:2014 including methods for signal maximizations and EUT configuration. Maximum emissions reported below.

The frequency range from

150 kHz - 30 MHz was investigated for conducted emissions.

Conducted Emissions measurements were performed in the shielded room using procedures specified in the test plan and standard.

3.2.3 Deviations

There were no deviations from the test methodology listed in the test plan for the conducted emission test.

3.2.4 Final Test

All final conducted emissions measurements were below the specification limits.

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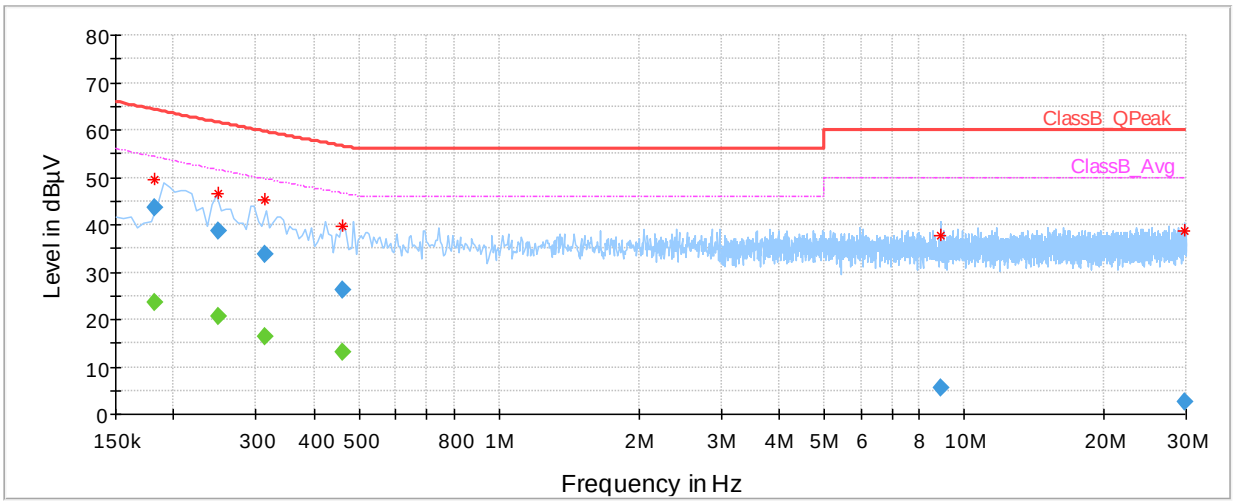
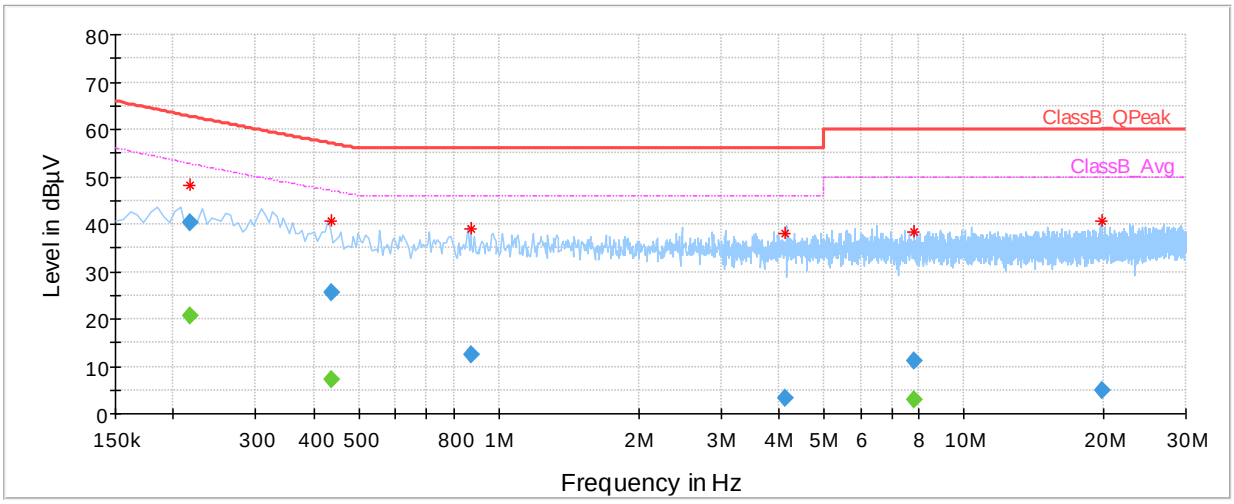
Conducted Emissions @ 120 Vac/60 Hz
Line: Live



Conducted Emissions @ 120 Vac/60 Hz
Line: Neutral



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3.2.5 Final Tabulated Data at 120 Vac, 60 Hz

Line

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.181213	---	23.44	54.30	30.85	L1	10.0
0.181213	43.55	---	64.32	20.77	L1	10.0
0.248447	---	20.68	51.57	30.89	L1	9.8
0.248447	38.69	---	61.61	22.92	L1	9.8
0.314479	---	16.23	49.62	33.39	L1	9.7
0.314479	33.92	---	59.66	25.74	L1	9.7
0.462475	---	13.23	46.59	33.36	L1	9.7
0.462475	26.26	---	56.60	30.34	L1	9.7
8.871193	---	-1.40	50.00	51.40	L1	9.8
8.871193	5.55	---	60.00	54.45	L1	9.8
29.872596	---	-4.80	50.00	54.80	L1	9.8
29.872596	2.51	---	60.00	57.49	L1	9.8

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Neutral

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.217385	---	20.53	52.71	32.18	N	9.8
0.217385	40.25	---	62.74	22.49	N	9.8
0.436624	---	7.35	47.03	39.68	N	9.6
0.436624	25.58	---	57.05	31.46	N	9.6
0.873096	---	-0.37	46.00	46.37	N	9.7
0.873096	12.47	---	56.00	43.53	N	9.7
4.135321	---	-4.46	46.00	50.46	N	9.7
4.135321	3.40	---	56.00	52.60	N	9.7
7.821092	---	2.91	50.00	47.09	N	9.7
7.821092	11.07	---	60.00	48.93	N	9.7
19.776202	---	-2.51	50.00	52.51	N	10.0
19.776202	4.83	---	60.00	55.17	N	10.0

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Appendix A

4 Test Plan

This test report is intended to follow this test plan outlined here in unless otherwise stated in this here report. The following test plan will give details on product information, standards to be used, test set ups and refer to TUV test procedures. The test procedures will give the steps to be taken when performing the stated test. The product information below came via client, product manual, product itself and or the internet.

4.1 General Information

Company Name	Conde Verdon Company LLC
Address	3200 Greenfield Rd., Ste 300
City, State, Zip	Dearborn, MI 48120
Country	USA
Name	Pamela A. Jasinksi
E-mail	CondeVerdonCompanyLLC@gmail.com

4.2 EUT Designation

Model Name	Halo Band
Model Number(s)	C9X87E, CL2D3N

4.3 EUT Description

Configuration	Description
1	Charging Mode
2	Audio DSP
3	Heart Rate Monitor
4	Battery Stress
Notes	Each mode was investigated for Radiated testing. Worse case of Charging Mode is reported.

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4.4 Equipment Under Test (EUT) Description

The EUT operates in multiple modes. Each mode was exercised and investigated, worse case mode is reported.

4.5 Product Environment(s)

☒	**Domestic/Residential**	☐	**Hospital**
☐	**Light Industrial/Commercial**	☐	**Small Clinic**
☐	**Industrial**	☐	**Doctor's office**
☐	**Telecommunications Center**	☐	**Other than Telecommunications Center**
☐	**Other**		

*Check all that apply

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4.6 Applicable Documents

Standards	Description
FCC Part 15 Subpart B: 2019	Radiated Emissions
FCC Part 15 Subpart B: 2019	Conducted Emissions

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4.7 EUT Electrical Power Information

Name	# of Phases	Type	AC Input Voltage	DC Output Voltage	Output Current
CL2D3N	1 ☒ 3 ☐ None ☐	AC ☒ DC ☐ Host ☐ Batteries ☐	120VAC 60Hz	5 V	219mA
C9X87E	1 ☐ 3 ☐ None ☒	AC ☐ DC ☒ Host ☐ Batteries ☒	N/A	N/A	N/A
Notes	CL2D3N is the provided charger for the battery operated C9X87E				

4.8 EUT Clock/Oscillator Frequencies

Reference Designation	Speed (MHz)	Type
Local Oscillator	400	Clock

4.8.1 Radiated Emissions, Upper Frequency

☐	**Less than 108 MHz**	**Scan to 1 GHz**
☐	**Less than 500 MHz**	**Scan to 2 GHz**
☐	**Less than 1000 MHz**	**Scan to 5 GHz**
☒	**Greater than 1000 MHz**	**Scan to 5th Harmonic or 40 GHz (whichever is lower)**

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4.9 Electrical Support Equipment

Reference Designation	Manufacturer	Model	Serial Number	BSMI #

4.10 Non - Electrical Support Equipment N/A

Reference Designation	Manufacturer	Model	Serial Number or Description (e.g., Type of Gas or Liquid)
1	N/A	N/A	Fabric Band
2	N/A	N/A	Sports Band

4.11 EUT Equipment/Cabling Information N/A

EUT Port	Connected To	Cable Type				
		Length (Meters)	Shielded Yes / No		Bead Yes / No	
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐
			☐	☐	☐	☐

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4.12 EUT Test Program

EUT was configured and tested using controls no accessible to the end user.

4.13 EUT Modes of Operation

The C9X87E and CL2D3N were tested in each mode as listed in section 4.3. Model CL2D3N is an AC/DC power charger provided with the unit.

4.14 Monitoring of EUT during Testing

The EUT will be monitored by visual observation and COM port connection when available.

4.15 EUT Configuration

EUT is powered by rechargeable DC Battery. The EUT is active while running on battery power alone and can be charged using the powered charging system. Configured in normal operational modes and charging mode

4.16 Description

Configuration	Description
Body Worn	EUT is a standalone equipment warn on wrist. For testing purposes, unit was placed on a tabletop
Charging	EUT is charged, when not in use, by provided power adapter
Notes	

4.17 Subassemblies

Reference Designation	Manufacturer	Model No.	Revision	Serial No.	Description
N/A					

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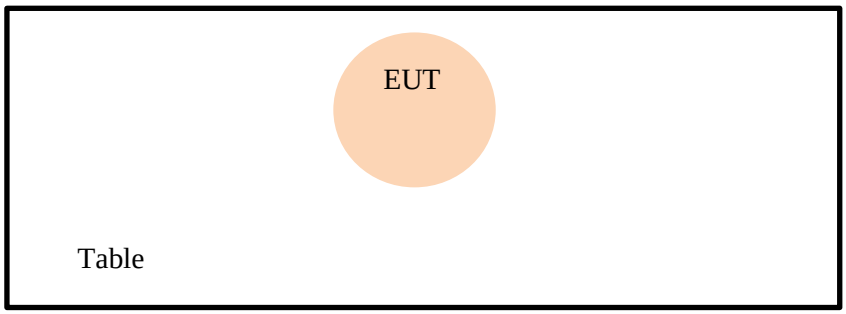
4.17.1 Block Diagram



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4.18 Emissions

4.18.1 Radiated Emissions

4.18.1.1 Preliminary Radiated Emissions Test Setup

Standard	FCC Part 15 Subpart B: 2019			**Procedure**	ANSI C63.4
Limit	Class B	**Emissions Verification**		Emissions Under Limit	
Frequency Range	30 MHz – 18 GHz				
Scan #1	Pre-scan 30 – 18000 MHz	**Antenna Distance**	3m	**Detector**	Peak Scan
Configuration	See Section 4.16				
Notes	None				

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4.18.1.2 Final Radiated Emissions Test Setup

Standard	FCC Part 15 Subpart B: 2019			**Procedure**	ANSI C63.4
Limit	Class B	**Emissions Verification**		Emissions Under Limit	
Frequency Range	30 MHz – 18 GHz				
Scan #1	Final Scan 30 – 18000 MHz	**Antenna Distance**	3m	**Detector**	Peak Scan
Configuration	See Section 4.16				
Notes	None				

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4.18.2 Conducted Emissions

4.18.2.1 Final Conducted Emissions Test Setup

Standard	FCC Part 15 Subpart B: 2019	**Procedure**	ANSI C63.4
Limit(s)	Class B: Quasi Peak Average	**Emissions Verification**	Emissions Under Limit
AC Mains Line	1 AC Line	**LAN Cable(s)**	None
Frequency Range	150 kHz - 30 MHz	**Detectors**	Quasi Peak Average
Scan #1	120 Vac, 60 Hz	**EUT Powered By**	
Configuration	See Section 4.16		
Notes	None		

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END OF REPORT

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