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CERTIFICATION TEST REPORT

Manufacturer:	2NNS LLC DBA NEWR 1196 Mount Vernon Drive Greenwood, Indiana 46142 USA
Applicant:	Same as Above
Product Name:	CHEF
Product Description:	Portable Induction Cooktop. Rechargeable lithium-ion battery powered portable induction stove for indoor or outdoor use. Controlled wirelessly via Bluetooth Low Energy smartphone app. Compatible with DC power supply or solar panel charging. Uses compatible induction cookware only.
Operating Voltage/Freq. of EUT During Testing:	110VAC, 60Hz, 1-phase – 1 mains connection with rechargeable battery. Battery Pack: 57.6 VDC nominal, 967 Wh
Model:	C000
FCC ID:	2BHQEC000
Testing Commenced:	2026-04-16
Testing Ended:	2026-06-03
Summary of Test Results:	In Compliance

The EUT complies with the EMC requirements when manufactured identically as the unit tested in this report, including any required modifications and/or manufacturer's statement. Any changes to the design or build of this unit subsequent to this testing may deem it non-compliant.

Standards:

- ❖ **FCC Part 15 Subpart C, Section 15.249**
- ❖ **FCC Part 15 Subpart C, Section 15.215(c) – Additional provisions to the general radiated emission limitations**
- ❖ **FCC15.207 - Conducted Limits**
- ❖ **FCC Part 15 Subpart A, Section 15.31(e) – Measurement Standards**
- ❖ **ANSI C63.10-2020/Cor 1-2023**



Order No(s): F2X36516A

Applicant: 2NNS LLC DBA NEWR
Model: C000

Evaluation Conducted by:

Erik Tobin, EMC Engineer

Report Reviewed by:

Ken Littell, Vice President of Operations

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1 ADMINISTRATIVE INFORMATION

1.1 Measurement Location:

F2 Labs in Middlefield, Ohio. Site description and attenuation data are on file with the FCC's Sampling and Measurement Branch at the FCC Laboratory in Columbia, MD.

1.2 Measurement Procedure:

All measurements were performed according to ANSI C63.10 and recommended FCC procedure under Section 15.249. A list of the measurement equipment can be found in Section 6.



1.3 Uncertainty Budget:

The uncertainty in EMC measurements arises from several factors which affect the results, some associated with environmental conditions in the measurement room, the test equipment being used, and the measurement techniques adopted.

The measurement uncertainty budgets detailed below are calculated from the test and calibration data and are expressed with a 95% confidence factor using a coverage factor of $k=2$. The Uncertainty for a laboratory is referred to as U_{lab} . For Radiated and Conducted Emissions, the Expanded Uncertainty is compared to the U_{cispr} values to determine if a specific margin is required to deem compliance.

U_{lab}

Measurement Range	Combined Uncertainty	Expanded Uncertainty
Radiated Emissions <1 GHz @ 3m	2.54dB	5.07dB
Radiated Emissions <1 GHz @ 10m	2.55dB	5.09dB
Radiated Emissions 1 GHz to 2.7 GHz	1.81dB	3.62dB
Radiated Emissions 2.7 GHz to 18 GHz	1.55dB	3.10dB
AC Power Line Conducted Emissions, 150kHz to 30 MHz	1.38dB	2.76dB
AC Power Line Conducted Emissions, 9kHz to 150kHz	1.66dB	3.32dB

U_{cispr}

Measurement Range	Expanded Uncertainty
Radiated Emissions <1 GHz @ 3m	5.2dB
Radiated Emissions <1 GHz @ 10m	5.2dB
Radiated Emissions 1 GHz to 2.7 GHz	Under Consideration
Radiated Emissions 2.7 GHz to 18 GHz	Under Consideration
AC Power Line Conducted Emissions, 150kHz to 30 MHz	3.6dB
AC Power Line Conducted Emissions, 9kHz to 150kHz	4.0dB

If U_{lab} is less than or equal to U_{cispr} , then:

- compliance is deemed to occur if no measured disturbance exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance exceeds the disturbance limit.

If U_{lab} is greater than U_{cispr} in table 1, then:

- compliance is deemed to occur if no measured disturbance, increased by $(U_{lab} - U_{cispr})$, exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance, increased by $(U_{lab} - U_{cispr})$, exceeds the disturbance limit.

Note: Only measurements listed in the above tables that relate to tests included in this Test Report are applicable.



Order No(s): F2X36516A

Applicant: 2NNS LLC DBA NEWR
Model: C000

1.4 Document History:

Document Number	Description	Issue Date	Approved By
F2X36516A-01E	First Issue	2026-06-16	K. Littell

**2 SUMMARY OF TEST RESULTS**

Test Name	Standard(s)	Results
99% Occupied Bandwidth	CFR 47 Part 15.215(c)	Complies
-20dB Occupied Bandwidth	CFR 47 Part 15.215(c)	Complies
Field Strength of Emissions	CFR 47 Part 15.249(a)(d)	Complies
Variation of the Input Power	CFR 47 Part 15.31(e)	Complies
Conducted Emissions	CFR 47 Part 15.207(a)	Complies

Note: Product was operated using an AC to DC power supply, so Voltage Variation testing in 15.31(3)(e) was performed at the nominal voltage, and then the 85% and 115% of that voltage was tested also. The output power at the Low, Mid, and High channels was measured to verify how much the power and frequency were affected by the variation of the input power. No shift in frequency or power was measured at either of the varied voltages on any of the channels.

Modifications Made to the Equipment
None

**3 TABLES OF MEASURED RESULTS****Occupied Bandwidth**

Test	Low Channel 2402 MHz	Mid Channel 2440 MHz	High Channel 2480 MHz
-20dB Occupied Bandwidth	1.090 MHz	1.090 MHz	1.098 MHz
99% Occupied Bandwidth (MHz)	1.018 MHz	1.010 MHz	1.025 MHz

Field Strength

Mod	Frequency (MHz)	Field Strength		Limit	
		mV/m	dBuV/m	mV/m	dBuV/m
V	2400	0.055	34.8	0.50	54
	2402	30.903	89.8	50.0	94
	2440	28.184	89	50.0	94
	2480	21.878	86.8	50.0	94
	2483.5	0.042	32.5	0.50	54
H	2400	0.048	33.6	0.50	54
	2402	22.646	87.1	50.0	94
	2440	19.953	86	50.0	94
	2480	18.621	85.4	50.0	94
	2483.5	0.042	32.4	0.50	54

Voltage Variations

Mod	Frequency (MHz)	Field Strength		Limit	
		mV/m	dBuV/m	mV/m	dBuV/m
-15%	2402	30.549	89.7	50.0	94
	2440	28.184	89	50.0	94
	2480	22.131	86.9	50.0	94
15%	2402	30.903	89.8	50.0	94
	2440	27.861	88.9	50.0	94
	2480	23.174	87.3	50.0	94



4 ENGINEERING STATEMENT

This report has been prepared on behalf of 2NNS LLC DBA NEWR to provide documentation for the testing described herein. This equipment has been tested and found to comply with part 15.249 of the FCC Rules using ANSI C63.10 standard. The test results found in this test report relate only to the items tested.

**5 EUT INFORMATION AND DATA****5.1 Equipment Under Test:**

Product: CHEF

Model: C000

Serial No.: Prototype Part 1 - FCC 15.247

Firmware: Production Intent – 3.3.3 / RF Testing – BLE TransparentMode.hex Release v1.5.0

Hardware: 0-15.247

FCC ID: 2BHQEC000**5.2 Trade Name:**

NEWR

5.3 Power Supply:

MeanWell model HLG-480H-48

5.4 Applicable Rules:

CFR 47, Part 15.249, subpart C

5.5 Antenna:

Trace Antenna, 1.95dBi Gain

5.6 Accessories:

Device	Manufacturer	Model Number	Serial Number
Laptop	Lenovo	Thinkpad X1 Carbon	None Specified

5.7 Test Item Condition:

The equipment to be tested was received in good condition.

5.8 Testing Algorithm:

EUT was set up in a normal operating mode. Device was set to continuously transmit the modulated carrier at low, mid and high channels.

**6 LIST OF MEASUREMENT INSTRUMENTATION**

Equipment Type	Asset Number	Manufacturer	Model	Serial Number	Calibration Due Date
Shielded Chamber	CL166-E	Albatross Projects	B83117-DF435-T261	US140023	2027-05-07
Receiver	CL151	Rohde & Schwarz	ESU40	100319	2027-04-08
Low Loss Cable Set	CL315 / CL318	Fairview Microwave	FMC0202914-72/FMC0202914-240	None Spec.	2027-04-10
Horn Antenna 18-26.5 GHz	CL114	A.H. Systems, Inc.	SAS-572	237	2028-02-18
Horn Antenna 18 GHz	CL333	ETS Lindgren	DRHA18G	J203061349	2026-07-09
Pre-Amplifier	CL153	Agilent	83006-69007	MY57280115	2027-04-10
Pre-Amplifier	CL284	A.H. Systems, Inc.	PAM-0101	131	2027-04-09
Active 18" Loop Antenna	CL163-Loop	A.H. Systems, Inc.	EHA-52B	100	2027-05-04
Antenna, JB3 Combination	CL175	Sunol Sciences	JB3	A030315	2026-09-02
Software:	Tile Version 3.4.B.3		Software Verified: 2026-04-16 to 2026-06-03		
Software:	EMC 32, Version 8.53.0		Software Verified: 2026-04-16 to 2026-06-03		
Transient Limiter	CL102	Hewlett Packard	11947A	3107A03325	2027-04-09
Spectrum Analyzer	0141	Hewlett Packard	8591E	3520A04145	2027-04-10
LISN	CL181	Com-Power	LI-125A	191226	2026-11-20
LISN	CL182	Com-Power	LI-125A	191225	2026-11-21
Temp/Hum Rec	CL294	Thermpro	TP50	2	2029-04-21
Temp/Hum Rec	CL327	Thermpro	TP50	8	2028-03-20



7 OCCUPIED BANDWIDTH

7.1 Requirements:

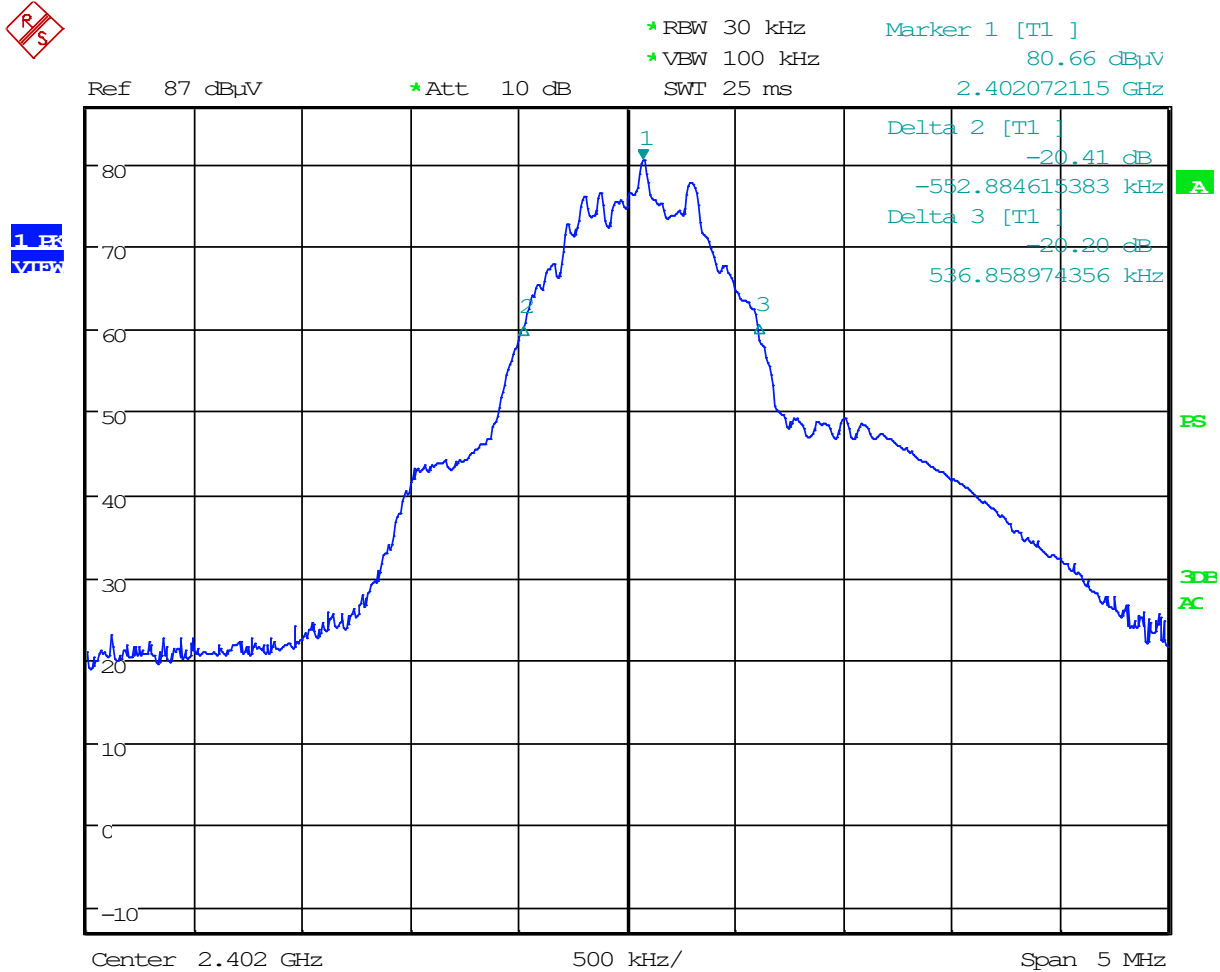
Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the -20dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage.

Bandwidth measurements were made at the low (2.402 GHz), mid (2.440 GHz) and upper (2.480 GHz) frequencies. The bandwidth was measured using the analyzer's marker function.



7.2 Occupied Bandwidth Test Data

Test Date(s):	2026-04-22	Test Engineer(s):	E. Tobin
Standards:	CFR 47 Part 15.215(c)	Air Temperature:	21.0°C
		Relative Humidity:	37%

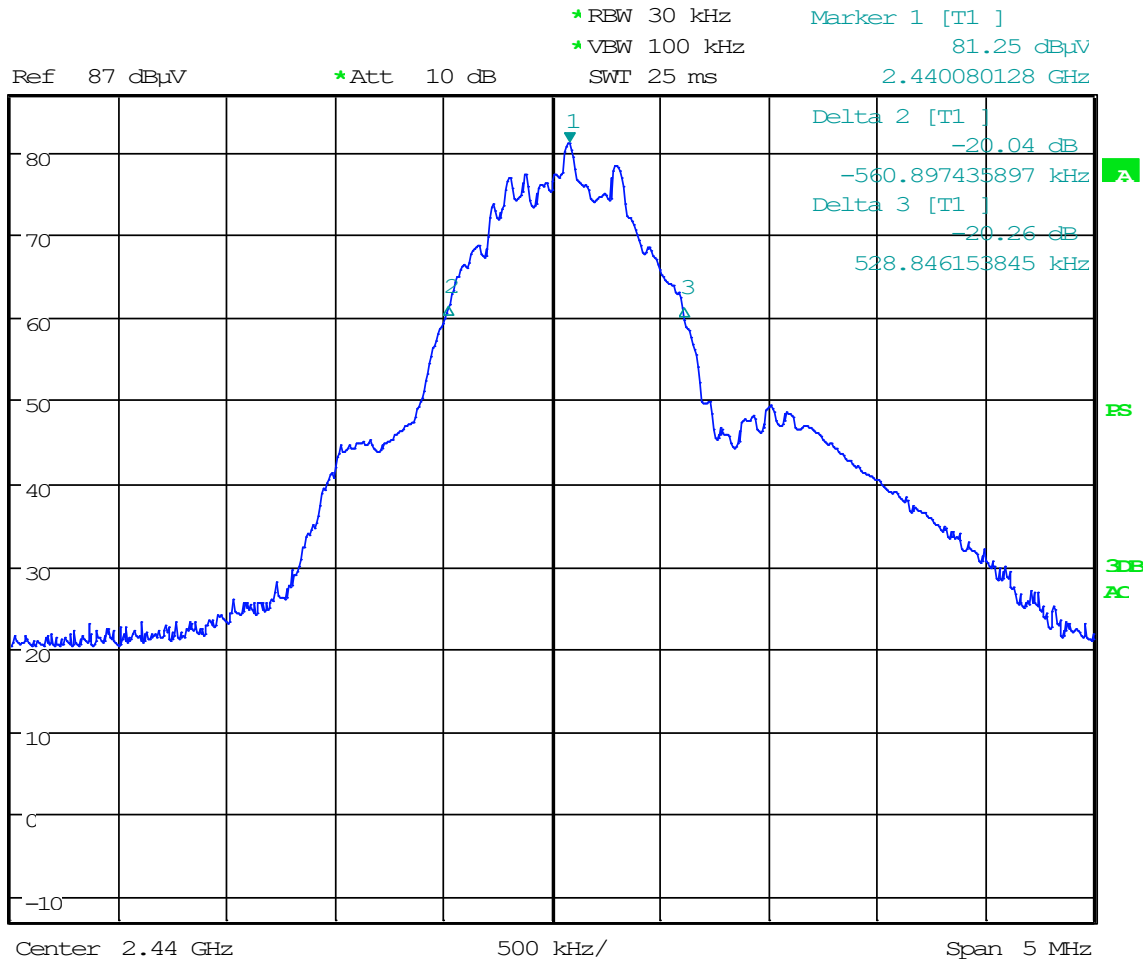
-20dB, Low Channel



-20dB, Mid Channel

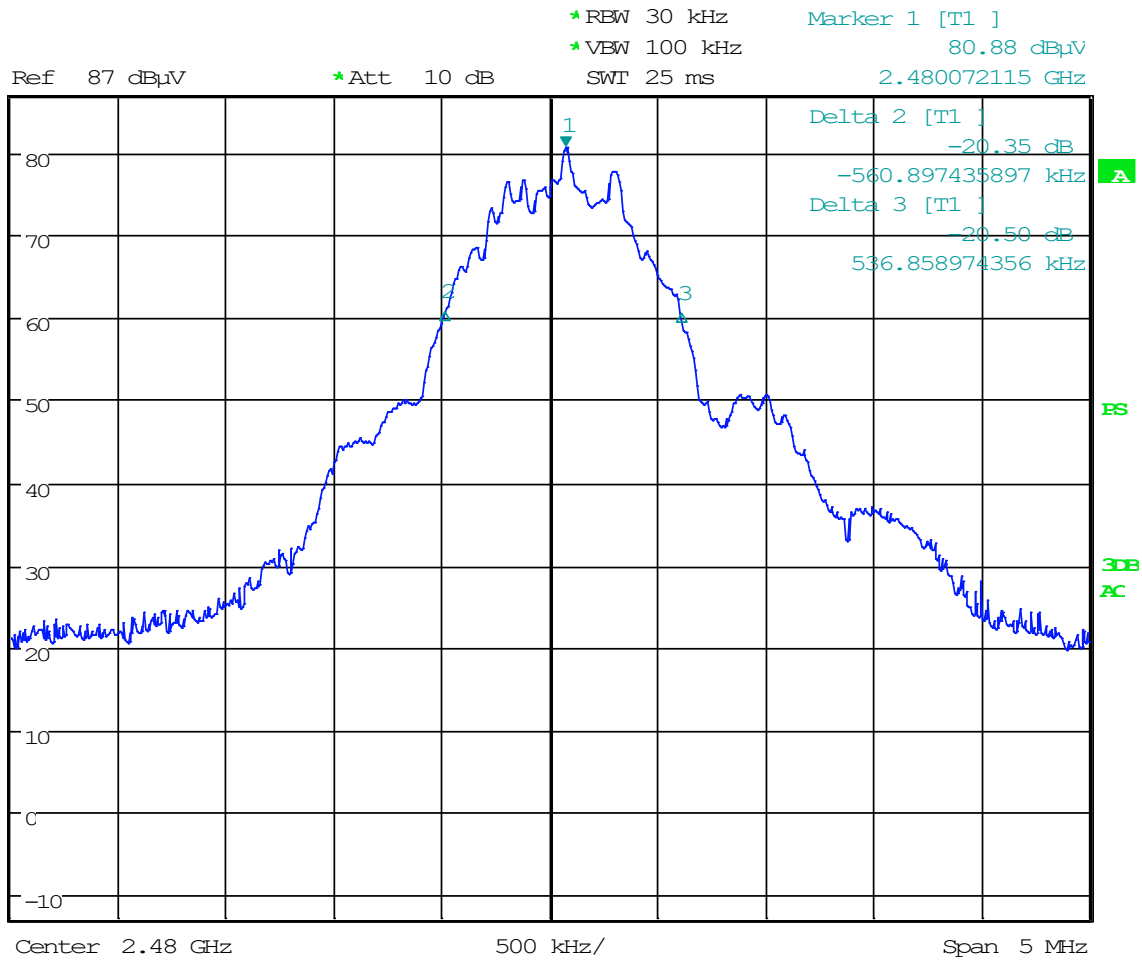


1. EK
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-20dB, High Channel





Order No(s): F2X36516A

Applicant: 2NNS LLC DBA NEWR
Model: C000

99%, Low Channel



* RBW 30 kHz
* VBW 100 kHz

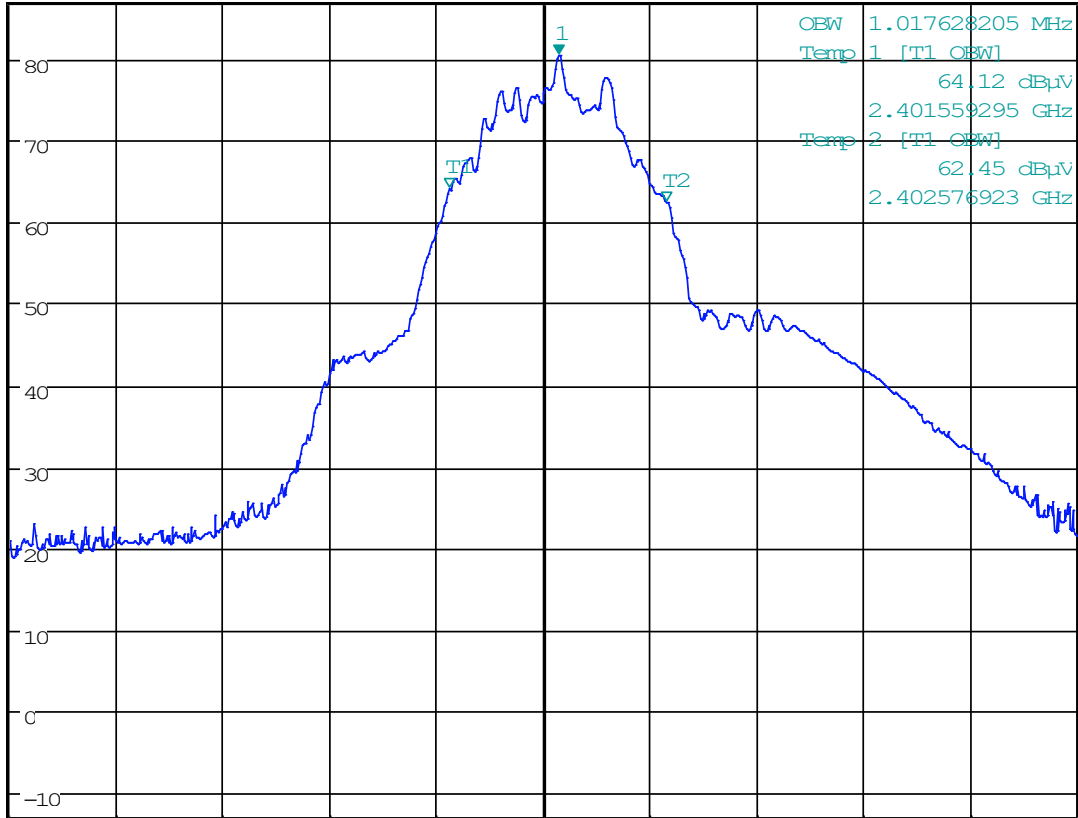
Marker 1 [T1]
80.66 dBμV
2.402072115 GHz

Ref 87 dBμV

* Att 10 dB

SWT 25 ms

1.017628205 MHz



Center 2.402 GHz

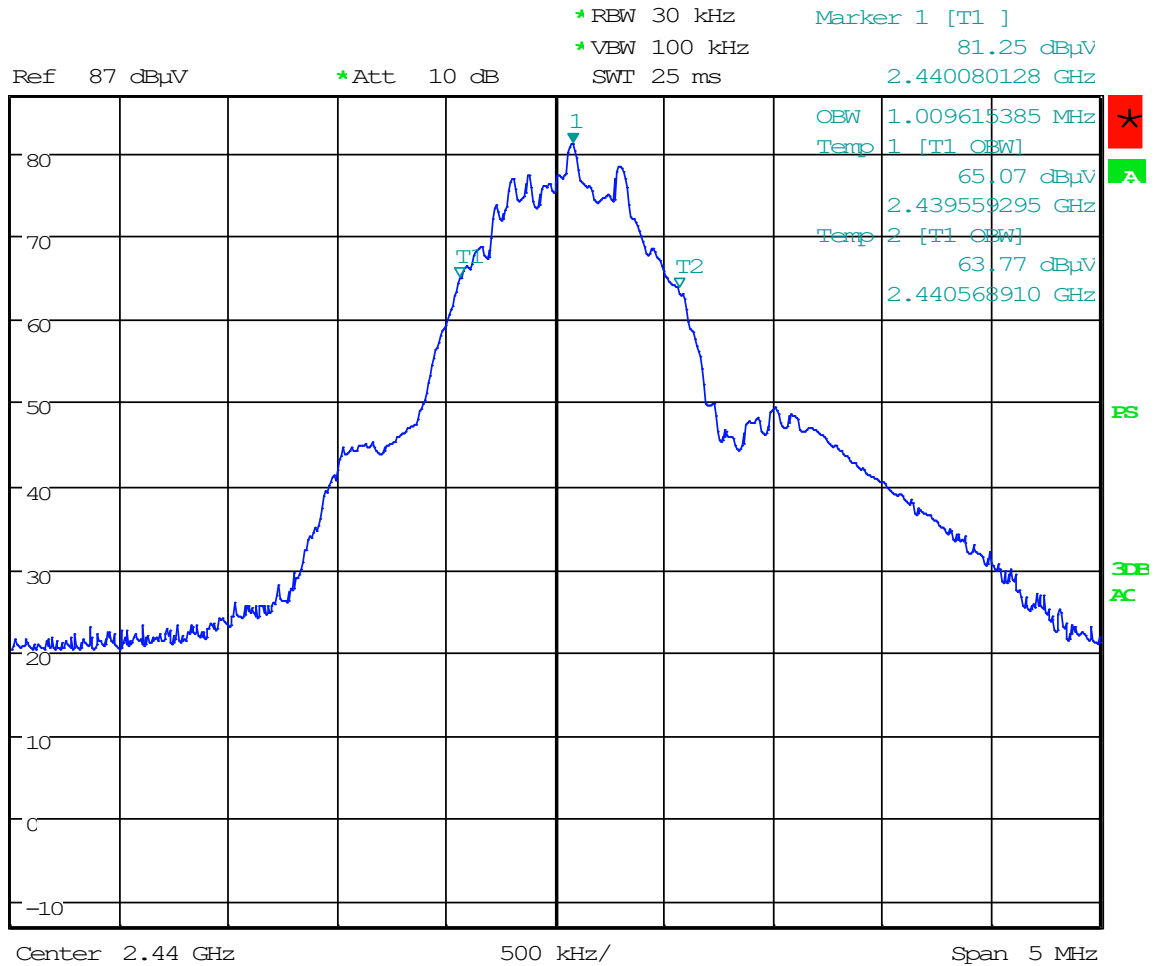
500 kHz/

Span 5 MHz

OBW 1.017628205 MHz
Temp 1 [T1 OBW]
64.12 dBμV
2.401559295 GHz
Temp 2 [T1 OBW]
62.45 dBμV
2.402576923 GHz
PS
3dB
AC



99%, Mid Channel

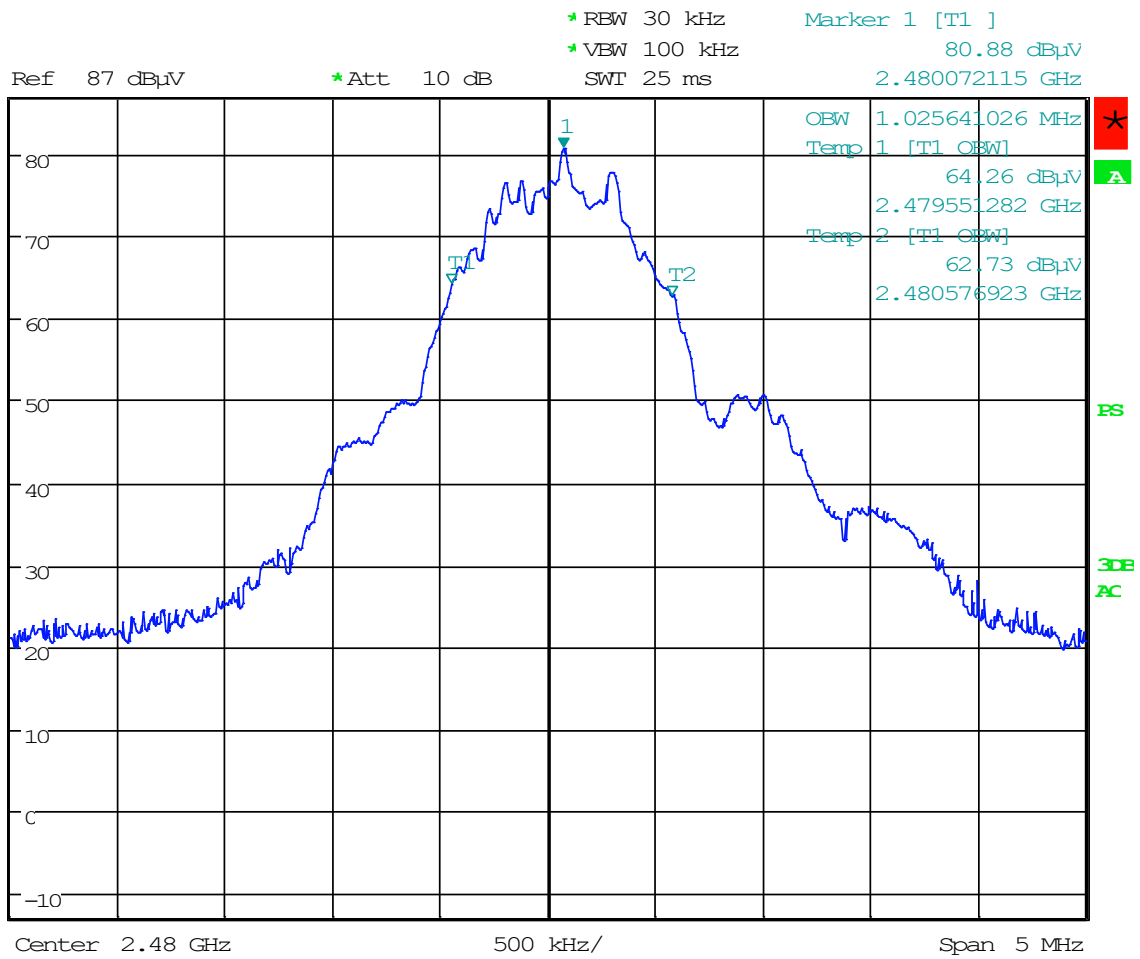




99%, High Channel



1. EX
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8 FIELD STRENGTH OF EMISSIONS FROM INTENTIONAL RADIATORS

(a) Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Harmonics (microvolts/meter)
902-928 MHz	50	500
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

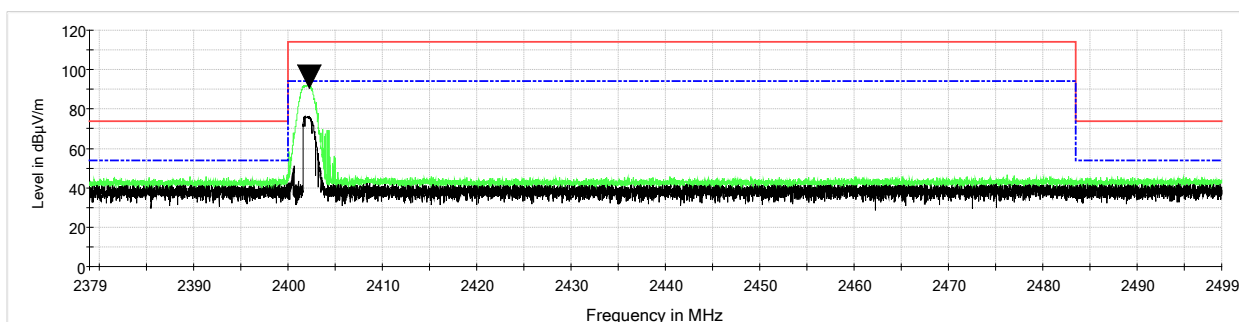
NOTE: During the pre-scan evaluation, the EUT was rotated in all possible directions to find the maximum emissions. The orthogonal position that showed the highest emissions was used. The antenna was raised between 1 and 4 meters and the EUT turntable was rotated 360 degrees to maximize the emissions.



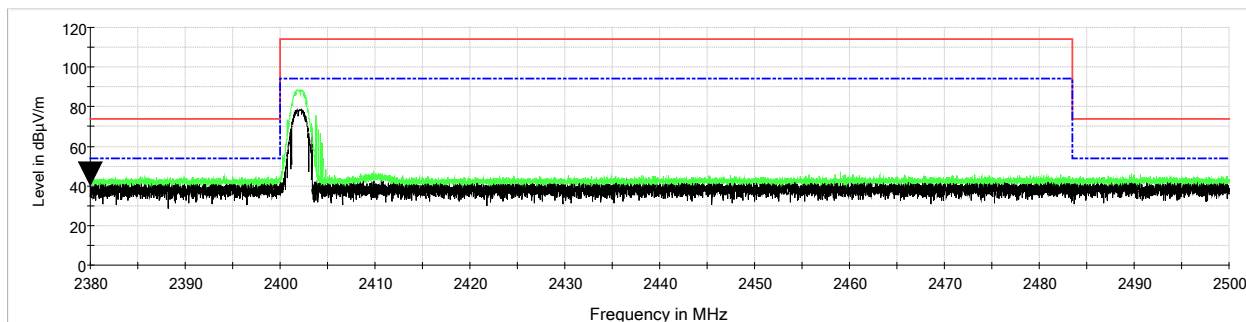
8.1 Test Data - Field Strength of Emissions from Intentional Radiators

Test Date(s):	2026-04-22	Test Engineer(s):	E. Tobin
Standards:	CFR 47 Part 15.249(a)	Air Temperature:	19.9°C
		Relative Humidity:	40%

Band Edges: Vertical - Low Channel

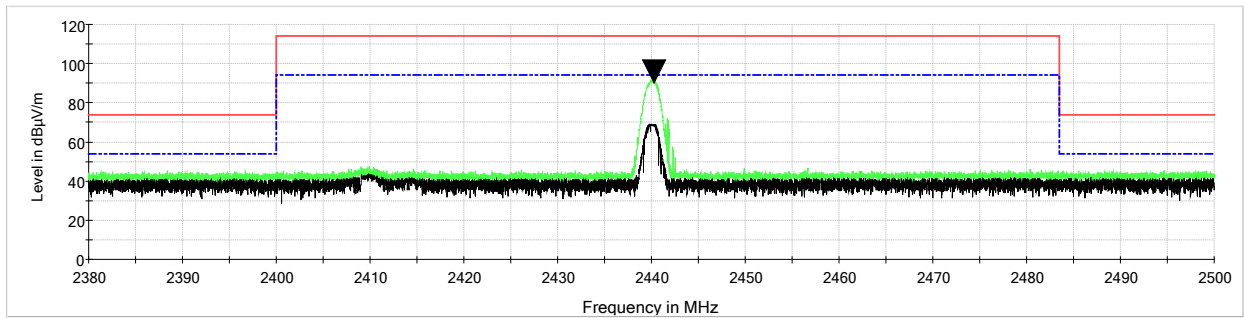


Band Edges: Horizontal – Low Channel

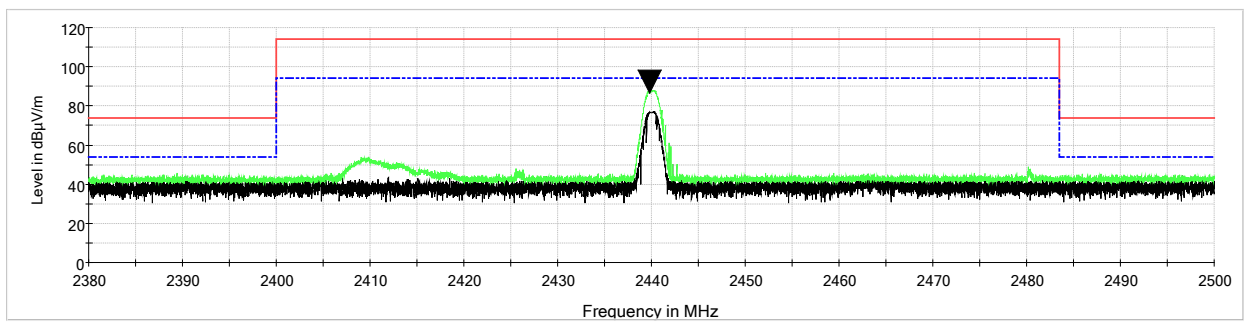




Band Edges: Vertical - Mid Channel

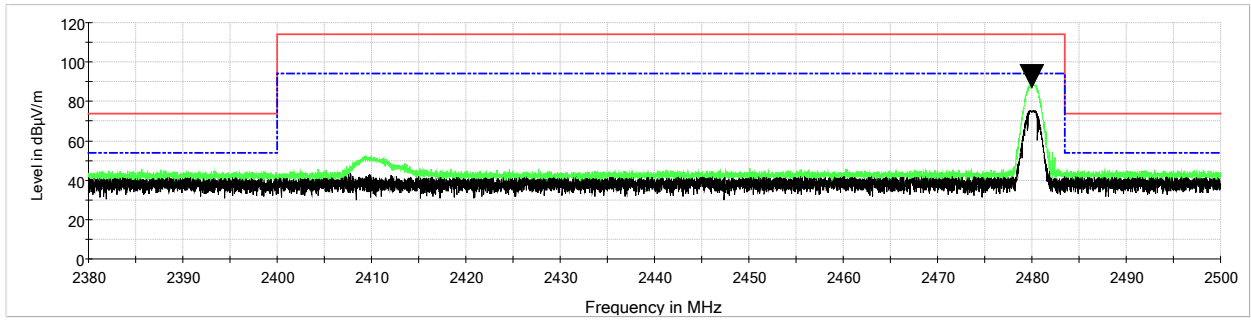


Band Edges: Horizontal – Mid Channel

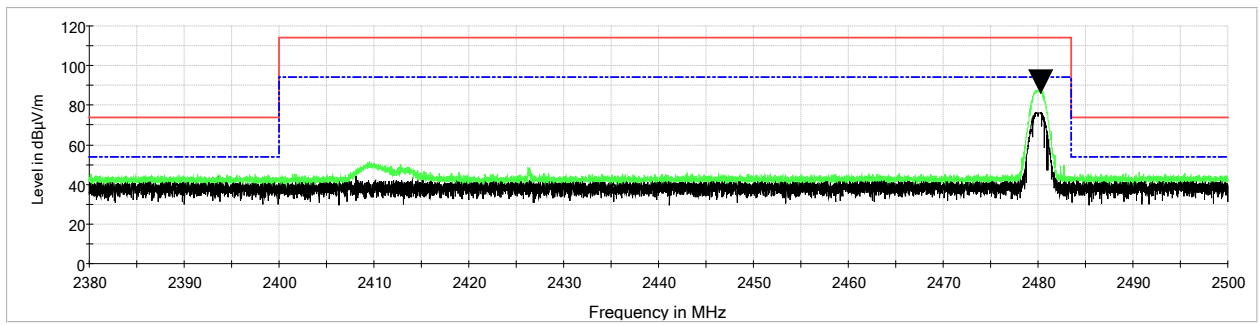




Band Edges: Vertical - High Channel

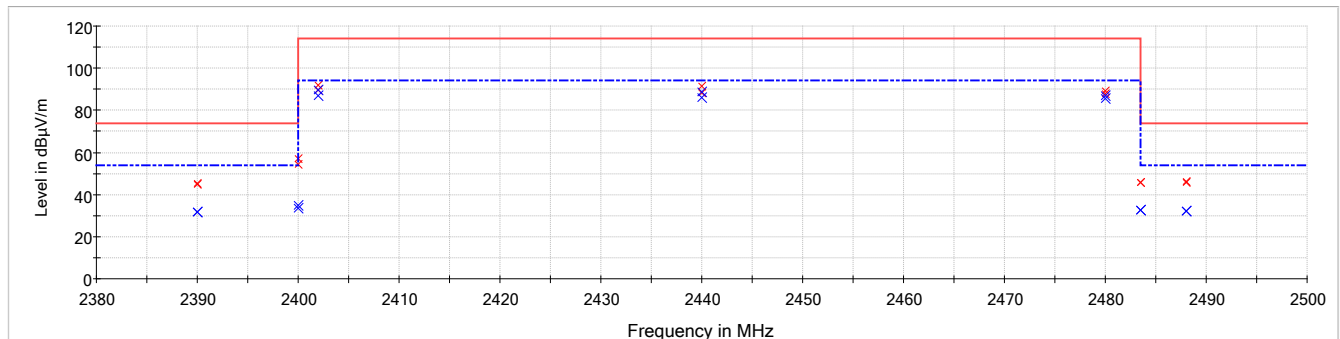


Band Edges: Horizontal – High Channel



**Band Edge and Field Strength of the Fundamentals**

Frequency MHz	MaxPeak dBμV/m	Average dBμV/m	Meas. Time ms	Bandwidth kHz	Height cm	Pol.	Azimuth deg	Corr. dB	Margin - AVG dB	Limit - AVG dBμV/m
2390.000000	44.7	31.6	1000.0	1000.000	200.0	H	120.0	7.5	22.4	54.0
2390.000000	45.4	31.6	1000.0	1000.000	140.0	V	30.0	7.5	22.4	54.0
2400.000000	56.9	34.8	1000.0	1000.000	140.0	V	30.0	7.5	19.2	54.0
2400.000000	54.5	33.6	1000.0	1000.000	200.0	H	120.0	7.5	20.4	54.0
2402.000000	89.6	87.1	1000.0	1000.000	200.0	H	120.0	7.5	6.9	94.0
2402.000000	92.0	89.8	1000.0	1000.000	140.0	V	30.0	7.5	4.2	94.0
2440.000000	91.3	89.0	1000.0	1000.000	140.0	V	35.0	7.7	5.0	94.0
2440.000000	88.1	86.0	1000.0	1000.000	180.0	H	45.0	7.7	8.0	94.0
2480.000000	89.0	86.8	1000.0	1000.000	140.0	V	215.0	7.9	7.2	94.0
2480.000000	87.7	85.4	1000.0	1000.000	150.0	H	220.0	7.9	8.6	94.0
2483.500000	45.9	32.5	1000.0	1000.000	140.0	V	215.0	7.9	21.5	54.0
2483.500000	45.6	32.4	1000.0	1000.000	150.0	H	220.0	7.9	21.6	54.0
2488.000000	45.6	32.0	1000.0	1000.000	140.0	V	215.0	7.9	22.0	54.0
2488.000000	46.0	32.0	1000.0	1000.000	150.0	H	220.0	7.9	22.0	54.0





8.2 Test Data – Spurious Emissions

Notes: Plots are peak, max hold pre-scan data included only to determine what frequencies to investigate and measure. During the pre-scan evaluation, the EUT was rotated in all possible directions to find the maximum emissions. The orthogonal position that showed the highest emissions was used. At some frequencies, no emissions from the EUT were measurable over the ambient noise floor. The readings did not change with EUT on and EUT off.

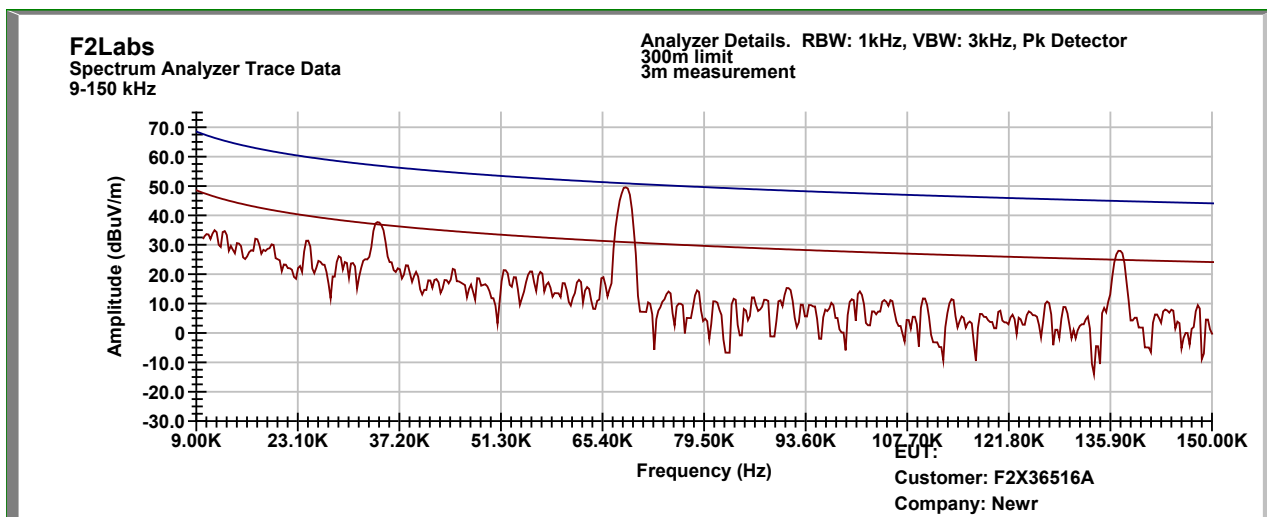
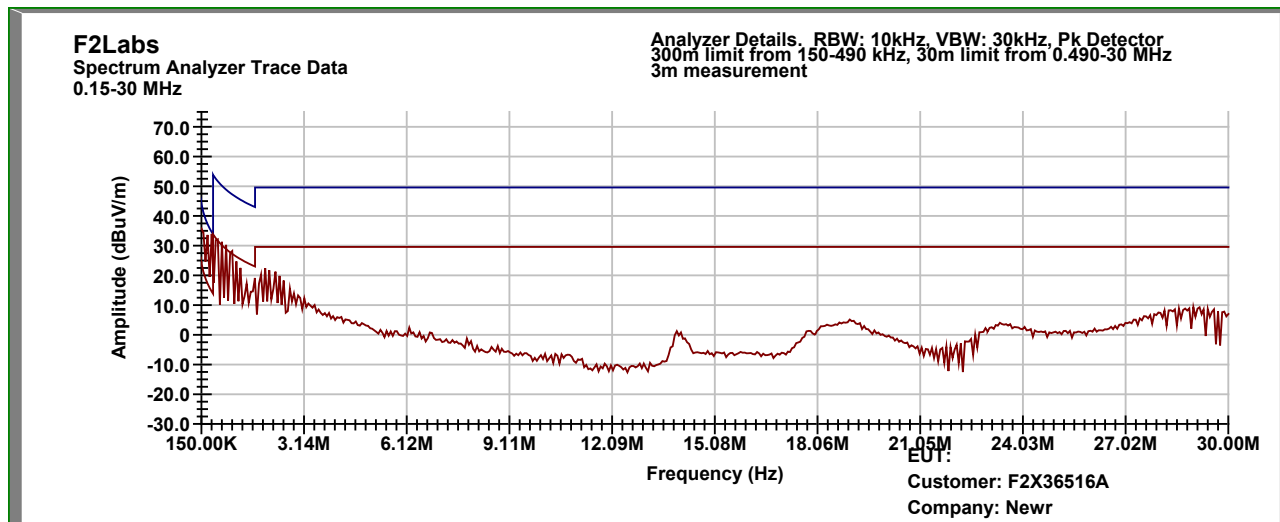
At least 6 of the highest frequencies were measured per ANSI 63.4 in a 3-meter anechoic chamber. Frequencies below 1 GHz were measured using a quasi-peak detector. The antenna was raised between 1 and 4 meters and the EUT turntable was rotated 360 degrees to maximize the emissions. Some of the frequencies did not change with the EUT on or off. At those frequencies, the test distance was shortened to 1 meter and still no emissions from the EUT were visible or over the ambient or limit. Frequencies were scanned from 9kHz to 26 GHz and the highest emissions are listed below.

In the following plots, the black line indicates ambient noise and the red line indicates the measurement with the EUT on. Emissions to be found by the EUT were measured and listed in tables below.

Unless otherwise noted, test data presented was Low Channel, determined to be worst-case.



Test Date(s):	2026-04-16	Test Engineer(s):	E. Tobin
Standards:	CFR 47 Part 15.249(d) / Part 15.209	Air Temperature:	19.9°C
		Relative Humidity:	40%

Characterization Scan, 9 kHz to 150 kHz**Characterization Scan, 150 kHz to 30 MHz**

Note: Plots display 3m measurements with 30m and 300m limits. Graphs do not include 40 dB per decade extrapolation. Peak trace to be extrapolated by subtracting 40dB per decade. Peak trace below AVG/QP limit.



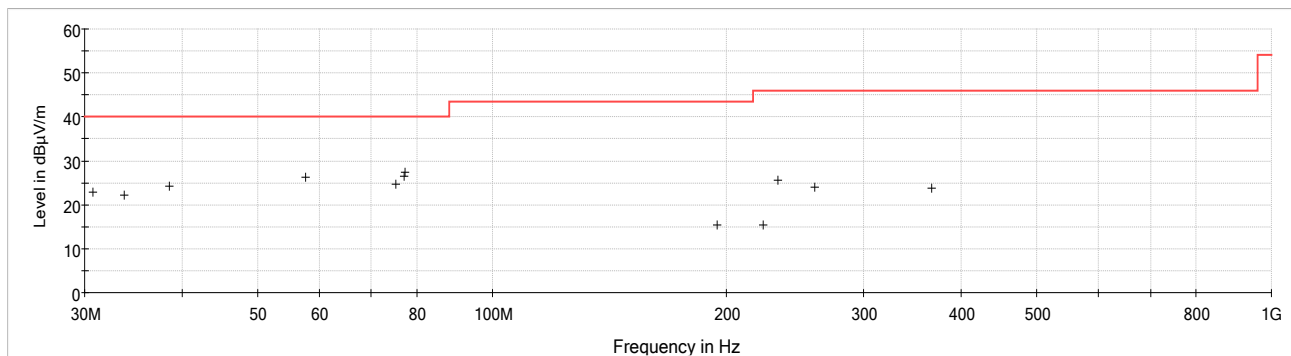
Measurements: 9 kHz to 30 MHz

Frequency (MHz)	Peak (dB μ V/m)	Extrapolation Factor for Distance(dB)	Extrapolated Peak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
0.0341	37.7	80.0	-42.30	36.9	-79.2
0.0686	49.5	80.0	-30.50	30.9	-61.4
0.1367	26.7	80.0	-53.30	24.9	-78.2
0.1500	35.79	80.0	-44.21	24.1	-68.3
0.4490	34.0	80.0	-46.05	14.6	-60.6

Measurements: 30 MHz to 1000 MHz

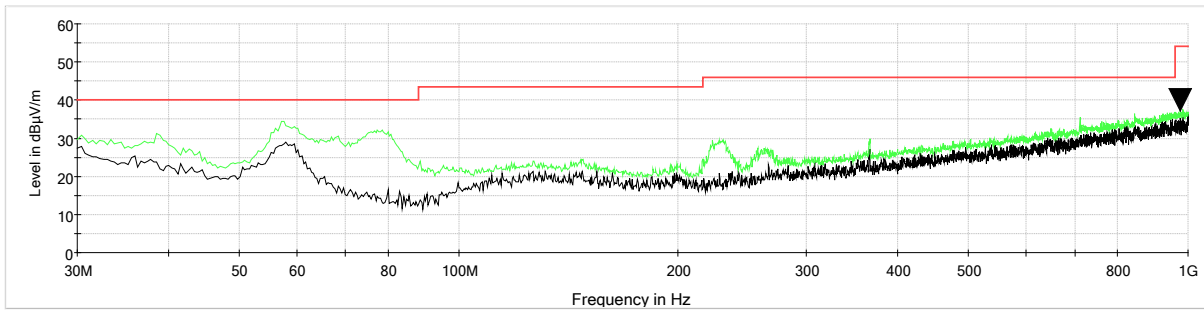
Note: Chart below includes data from all three channels.

Frequency (MHz)	Ant. Pol.	Ant. Height (cm)	Azimuth (degrees)	Reading (dB μ V)	Corr. Factors (dB)	Emission (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
30.746154	H	150.00	358.00	42.5	-19.7	22.80	40.0	-17.2
33.730769	V	100.00	0.00	44.0	-21.8	22.20	40.0	-17.8
38.580769	V	100.00	356.00	49.6	-25.5	24.10	40.0	-15.9
57.607692	V	100.00	13.00	58.8	-32.6	26.20	40.0	-13.8
75.142308	H	150.00	6.00	56.2	-31.6	24.60	40.0	-15.4
77.007692	H	150.00	356.00	58.3	-31.8	26.50	40.0	-13.5
77.380769	V	100.00	359.00	59.1	-31.8	27.30	40.0	-12.7
194.526923	V	100.00	0.00	42.5	-27.0	15.50	43.5	-28.0
222.880769	V	100.00	351.00	43.1	-27.7	15.40	46.0	-30.6
232.580769	H	150.00	7.00	52.8	-27.2	25.60	46.0	-20.4
259.069231	H	150.00	0.00	50.2	-26.3	23.90	46.0	-22.1
366.515385	H	150.00	4.00	47.2	-23.4	23.80	46.0	-22.2

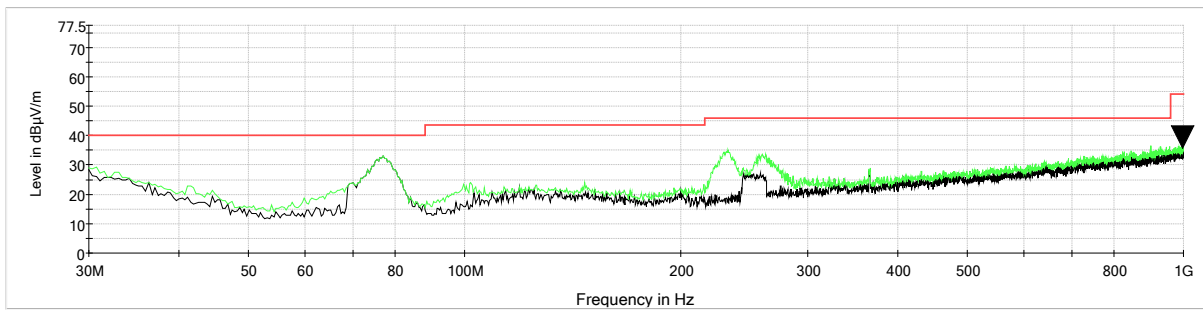




Characterization Scan: 30 MHz to 1000 MHz, Vertical



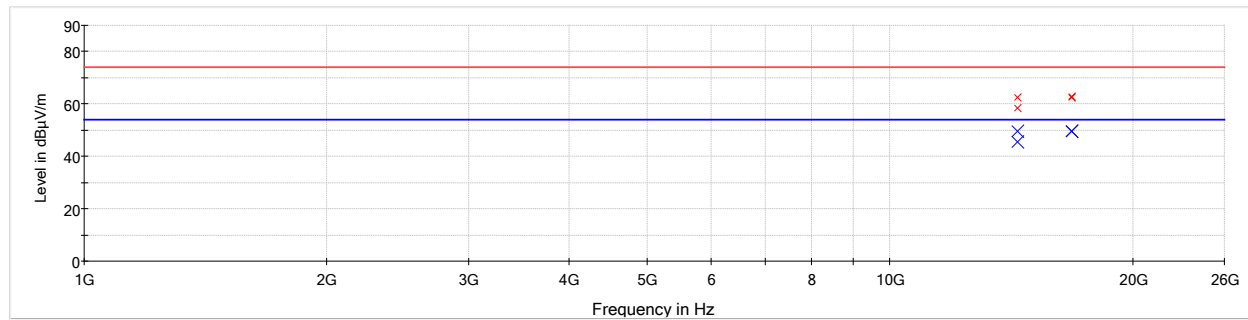
Characterization Scan: 30 MHz to 1000 MHz, Horizontal





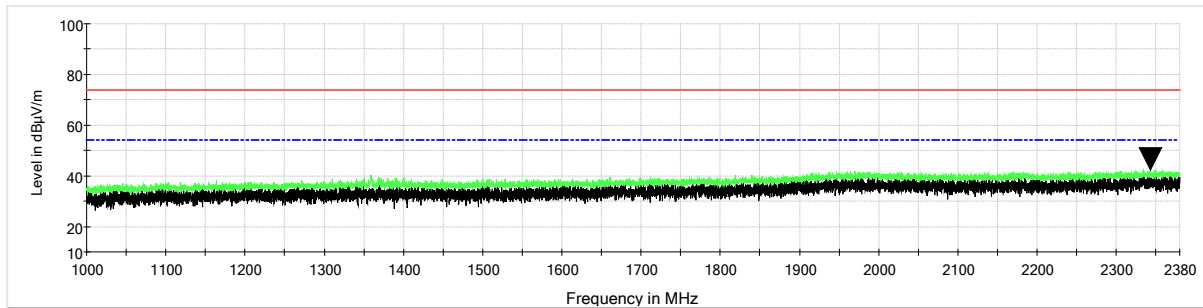
Measurements: Greater Than 1 GHz

Frequency MHz	MaxPeak dBμV/m	Average dBμV/m	Bandwidth kHz	Height cm	Pol.	Azimuth deg	Corr. dB	Margin - AVG dB	Limit - AVG dBμV/m
14412.000000	62.3	49.5	1000.000	150.0	V	0.0	22.1	4.5	54.0
14412.000000	58.6	45.4	1000.000	150.0	H	0.0	18.1	8.6	54.0
16814.000000	62.3	49.5	1000.000	150.0	V	0.0	22.1	4.5	54.0
16814.000000	62.9	49.5	1000.000	150.0	H	0.0	22.1	4.5	54.0

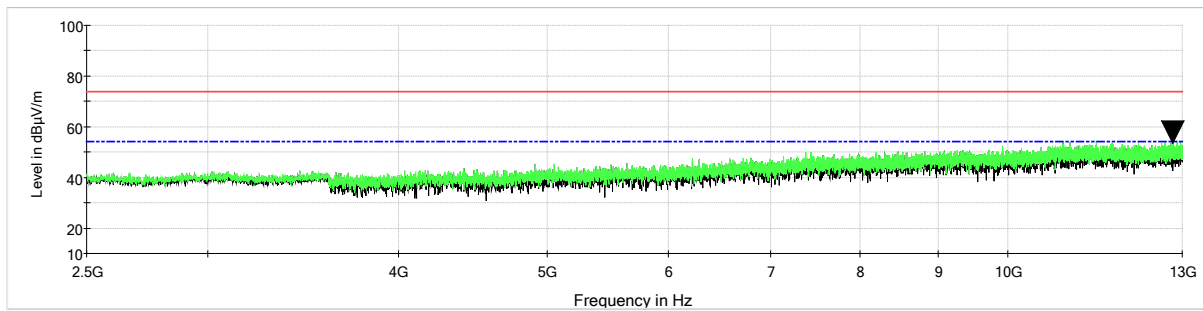




Characterization Scan: 1 GHz to 2.38 GHz, Vertical



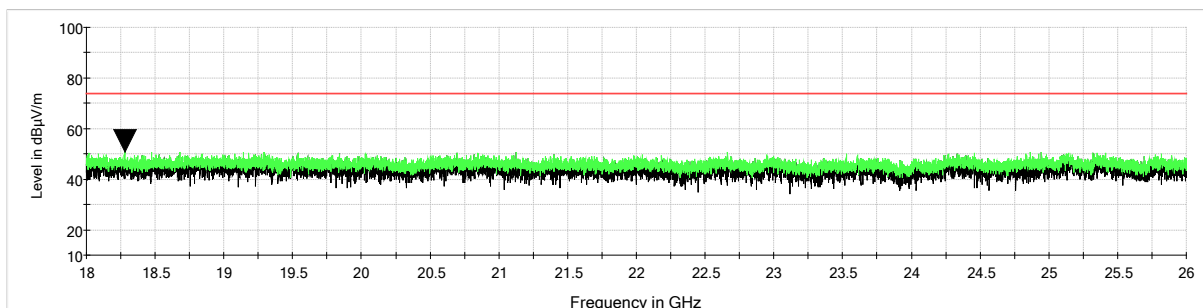
Characterization Scan: 2.5 GHz to 13 GHz, Vertical



Characterization Scan: 13 GHz to 18 GHz, Vertical

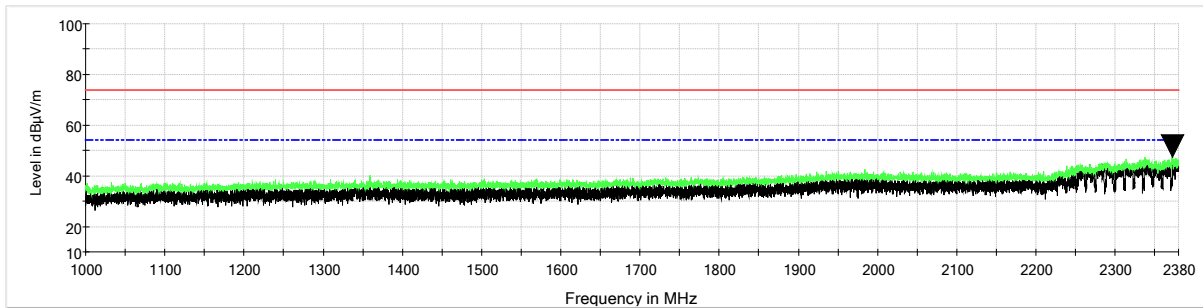


Characterization Scan: 18 GHz to 26 GHz, Vertical

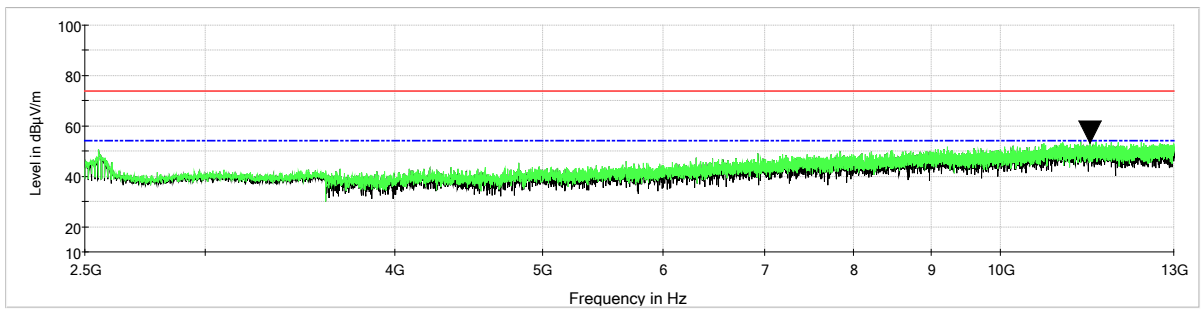




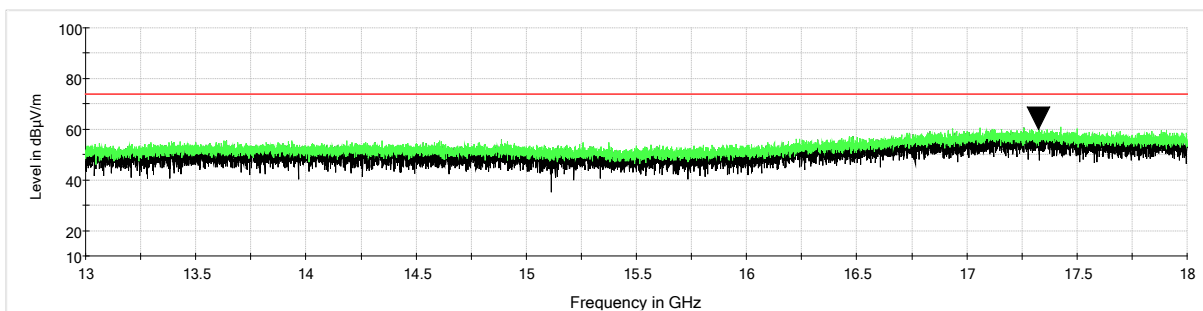
Characterization Scan: 1 GHz to 2.38 GHz, Horizontal



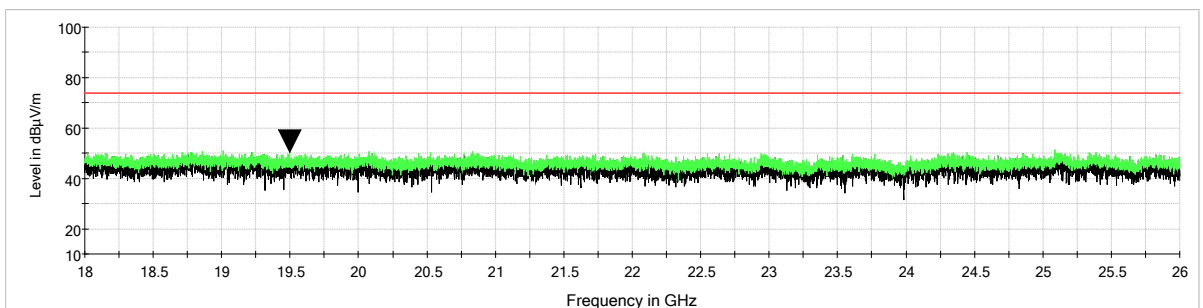
Characterization Scan: 2.5 GHz to 13 GHz, Horizontal



Characterization Scan: 13 GHz to 18 GHz, Horizontal



Characterization Scan: 18 GHz to 26 GHz, Horizontal





7 VOLTAGE VARIATIONS

For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage. For battery operated equipment, the equipment tests shall be performed using a new battery. A nominal voltage of 120VAC was used and then 100VAC and 138VAC were used as the 85% and 115% variations.

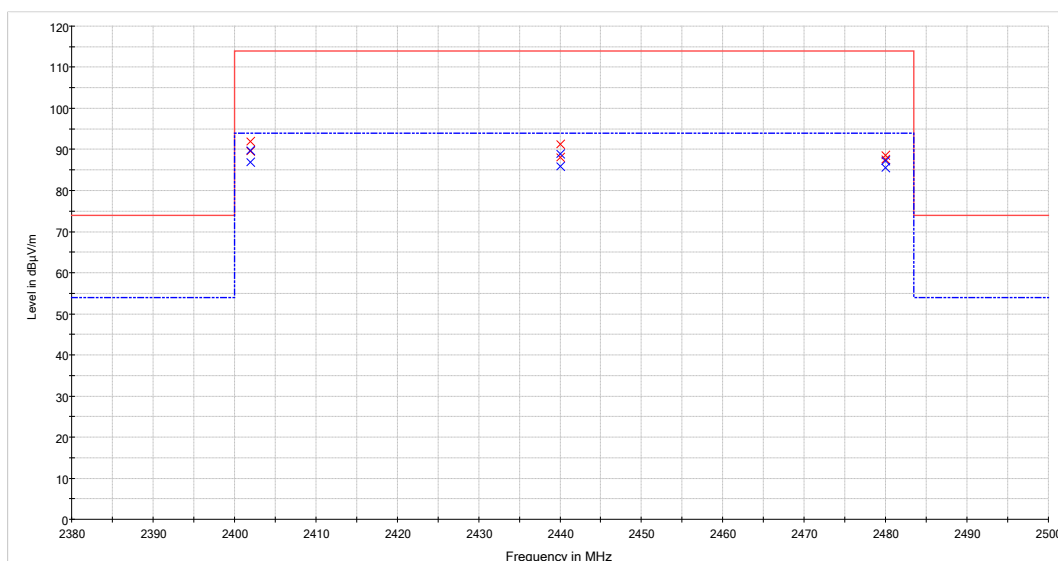
RESULTS: The results showed that the fundamental frequency did not move outside the frequency band and the field strength did not increase above the limit during the variations.



Test Date:	2026-04-22	Test Engineer:	E. Tobin
Rule:	CFR 47 Part 15.31(e)	Air Temperature:	19.9° C
Test Results:	Pass	Relative Humidity:	40%

+15%

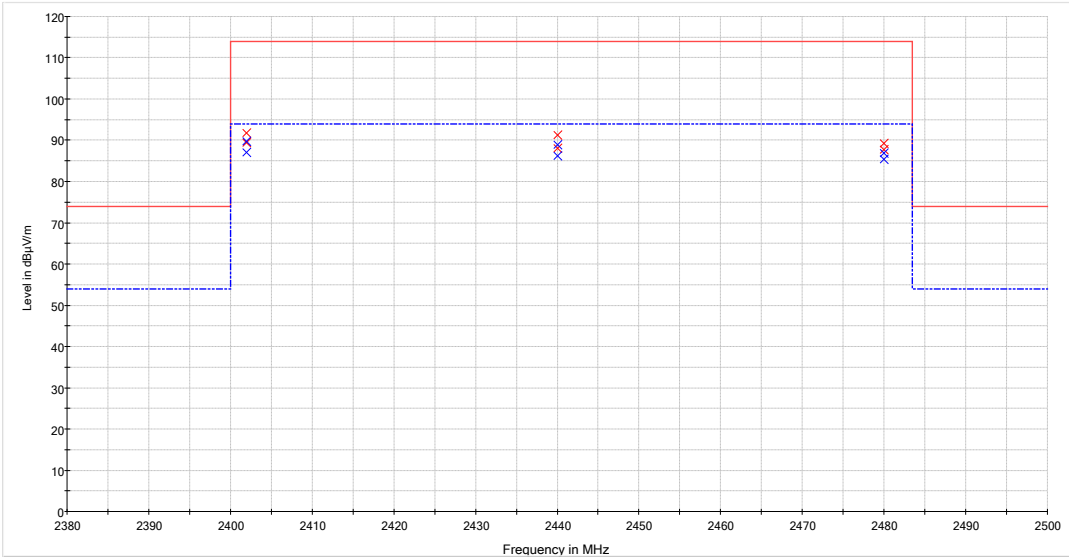
Frequency MHz	MaxPeak dBμV/m	Average dBμV/m	Meas. Time ms	Bandwidth kHz	Height cm	Pol.	Azimuth deg	Corr. dB	Margin - AVG dB	Limit - AVG dBμV/m
2402.000000	89.5	86.9	1000.0	1000.000	200.0	H	120.0	7.5	7.1	94.0
2402.000000	92.0	89.8	1000.0	1000.000	140.0	V	30.0	7.5	4.2	94.0
2440.000000	91.2	88.9	1000.0	1000.000	140.0	V	35.0	7.7	5.1	94.0
2440.000000	88.1	85.9	1000.0	1000.000	180.0	H	45.0	7.7	8.1	94.0
2480.000000	88.6	87.3	1000.0	1000.000	140.0	V	215.0	7.9	6.7	94.0
2480.000000	87.5	85.6	1000.0	1000.000	150.0	H	220.0	7.9	8.4	94.0





-15%

Frequency MHz	MaxPeak dBµV/m	Average dBµV/m	Meas. Time ms	Bandwidth kHz	Height cm	Pol.	Azimuth deg	Corr. dB	Margin - AVG dB	Limit - AVG dBµV/m
2402.000000	89.4	87.0	1000.0	1000.000	200.0	H	120.0	7.5	7.0	94.0
2402.000000	91.8	89.7	1000.0	1000.000	140.0	V	30.0	7.5	4.3	94.0
2440.000000	91.3	89.0	1000.0	1000.000	140.0	V	35.0	7.7	5.0	94.0
2440.000000	88.0	86.2	1000.0	1000.000	180.0	H	45.0	7.7	7.8	94.0
2480.000000	89.3	86.9	1000.0	1000.000	140.0	V	215.0	7.9	7.1	94.0
2480.000000	87.7	85.4	1000.0	1000.000	150.0	H	220.0	7.9	8.6	94.0





9 CONDUCTED EMISSIONS

9.1 Requirements

In accordance with FCC CFR 47 Part 15.207(a), "Except as shown in paragraphs (b) and (c) of this section, for 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 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

9.2 Procedure

The EUT was placed on a 1.0 x 1.5 meter non-conductive table, 0.8 meter above a horizontal ground plane and 0.4 meter from a vertical ground plane. Power was provided to the EUT through a LISN bonded to a 3 x 2 meter ground plane. The LISN and peripherals were supplied power through a filtered AC power source. The output of the LISN was connected to the input of the receiver via a transient limiter, and emissions in the range 150 kHz to 30 MHz were measured. The measurements were recorded using the quasi-peak and average detectors as directed by the standard, and the resolution bandwidth during testing was 9 kHz. The raw measurements were corrected to allow for attenuation from the LISN, transient limiter and cables.

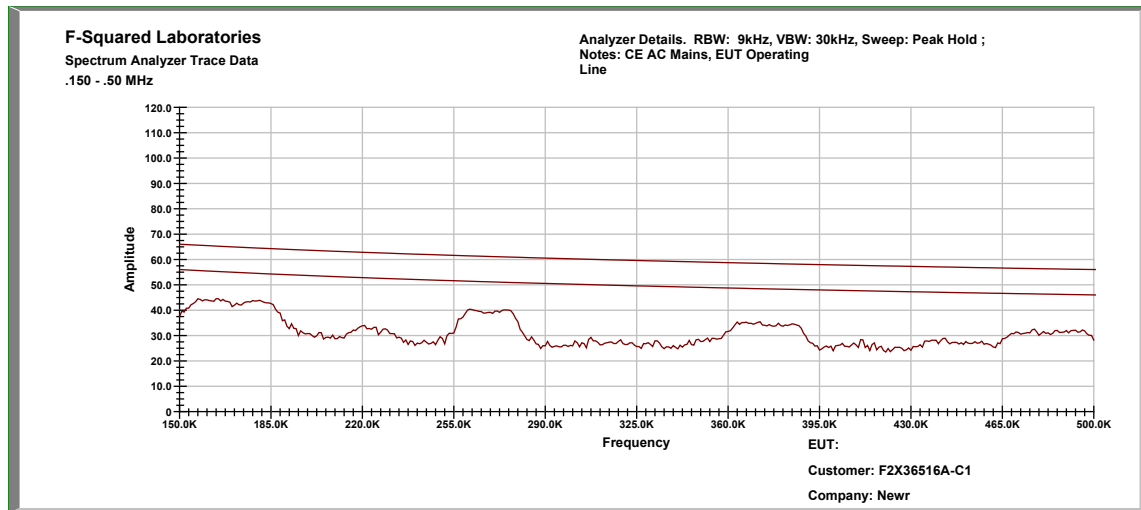


9.3 Conducted Emissions Test Data

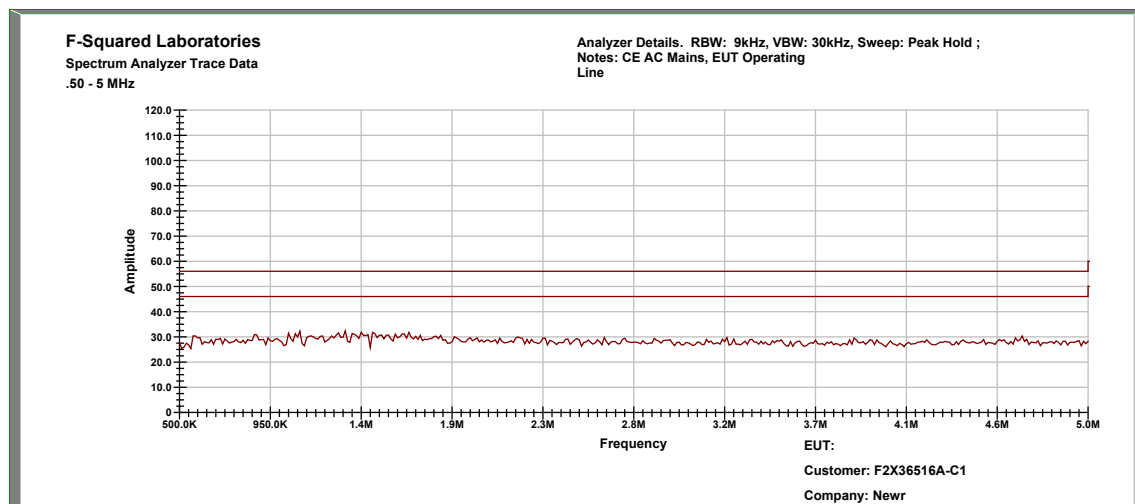
Test Date(s):	2026-05-22	Test Engineer:	E. Tobin
Rule:	15.207	Air Temperature:	20.1° C
Test Results:	Complies	Relative Humidity:	41%

Note: The data below represents worst case results of all three channels.

Conducted Test – Line 1: 0.15 MHz to 0.5 MHz

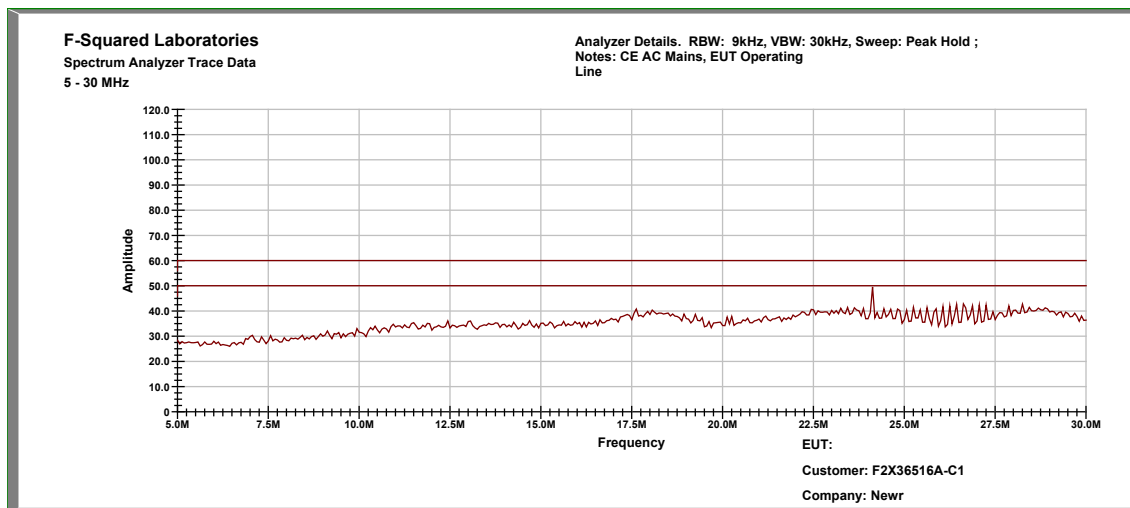


Conducted Test – Line 1: 0.5 MHz to 5.0 MHz





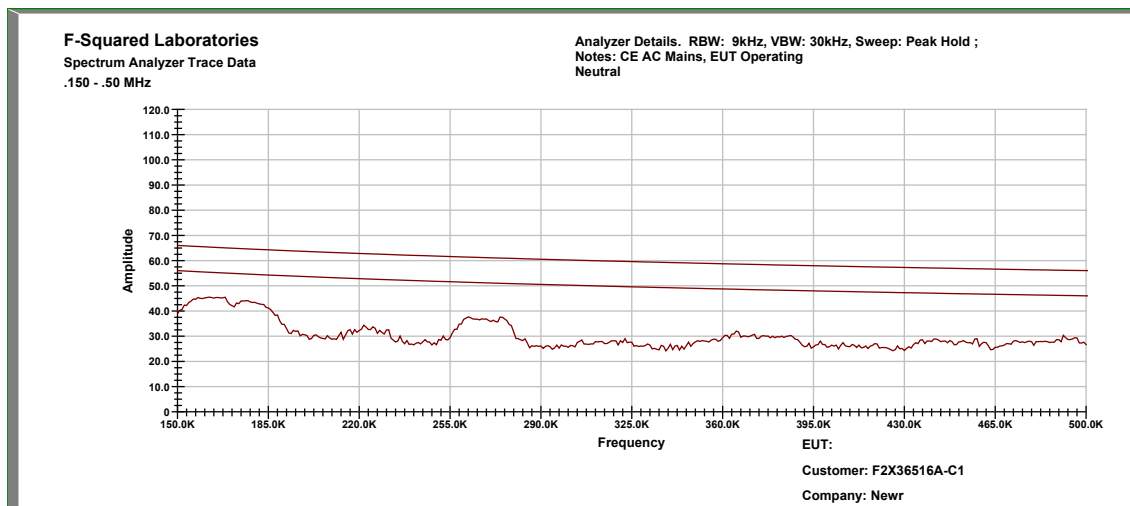
Conducted Test – Line 1: 5.0 MHz to 30.0 MHz



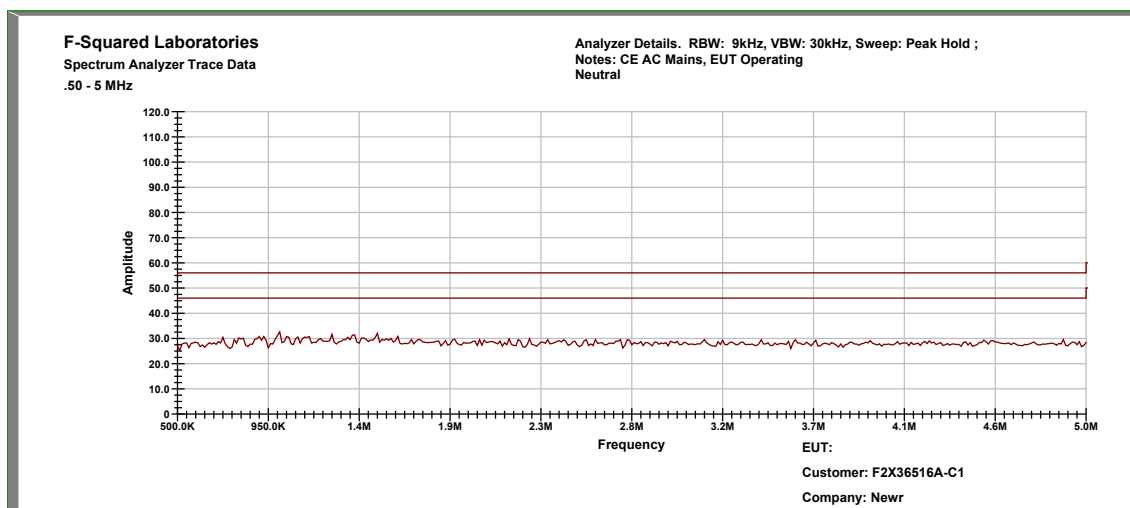
Top Discrete Measurements								
No.	Conductor	Frequency (MHz)	Detector	Level (dBμV)	Adjustment (dB)	Results (dBμV)	Limit (dBμV)	Margin (dB)
1	Live	24.1	Quasi-Peak	33.81	13.522	47.33	60	-12.7
			Average	30.498	13.522	44.02	50	-6.0

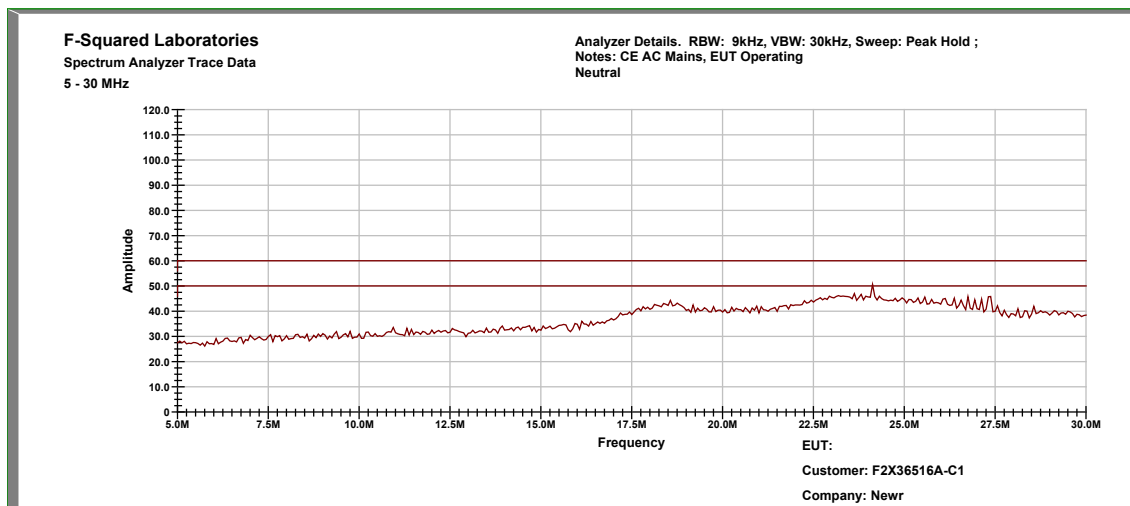


Conducted Test – Line 2: 0.15 MHz to 0.5 MHz



Conducted Test – Line 2: 0.5 MHz to 5.0 MHz

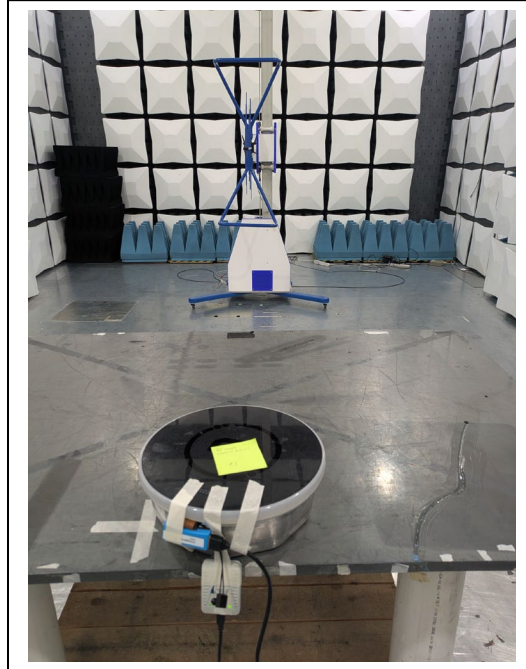


**Conducted Test – Line 2: 5.0 MHz to 30.0 MHz**

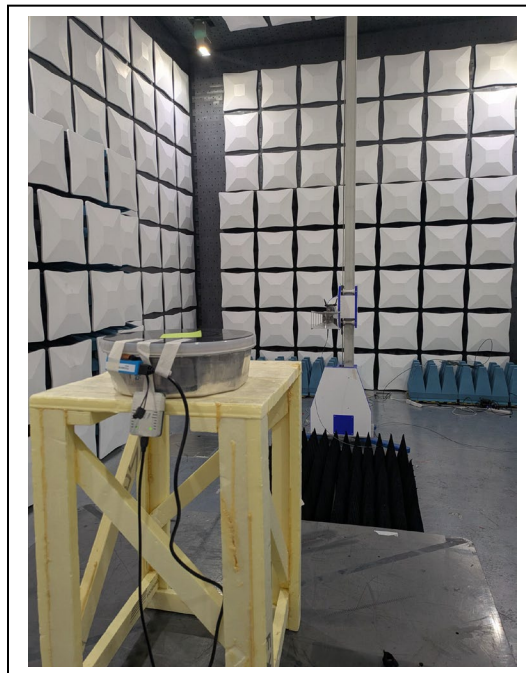
Top Discrete Measurements								
No.	Conductor	Frequency (MHz)	Detector	Level (dBμV)	Adjustment (dB)	Results (dBμV)	Limit (dBμV)	Margin (dB)
1	Neutral	24.07	Quasi-Peak	32.91	13.284	46.19	60	-13.8
			Average	28.23	13.284	41.51	50	-8.5

10 PHOTOGRAPHS - TEST SETUPS

Radiated Emissions: 30 MHz to 1000 MHz

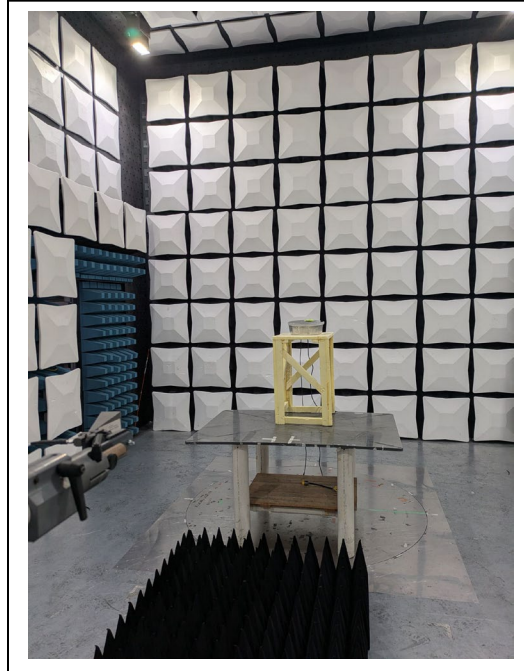


Radiated Emissions: 1 GHz to 13 GHz





Radiated Emissions: 18 GHz to 26 GHz



Conducted Emissions

