

Testing Tomorrow's Technology

Application

For

**Title 47 USC Part 2, Subpart J, Paragraph 2.907, 2.1043 Equipment
Authorization of Certification for an Intentional Radiator per Part 15, Subpart
C,
Paragraphs 15.207, 15.209 and 15.249**

For

GenAI Healthcare Inc

Model: NX01A

FCC ID: 2BXSW-NXRING1

UST Project: 26-0214

Issue Date: October 8, 2025

Total Pages in This Report: 33

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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: Consulting Engineer – President

Date: October 8, 2025



NVLAP LAB CODE 200162-0

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GenAI Healthcare Inc.
NX01A

MEASUREMENT TECHNICAL REPORT

COMPANY NAME: GenAI Healthcare Inc.
COMPANY ADDRESS: 110 Samaritan Dr, Suite 210, Cumming GA 30040
MODEL: NX01A
FCC ID: 2BXSX-NXRING1
DATE: October 8, 2026

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

Equipment type: 2402 – 2480 Bluetooth radio

Technical: IEEE 802.15.4 2402 MHz - 2480 MHz (Channels 0-39)
Type of modulation: GFSK
Data/Bit Rate: 32 bits/sec
Antenna Gain: +2.78 dBi (Trace Antenna)
Maximum Output Power: 91.81 dBuV @ 3m (Measured)
Software used to program EUT: nRFgo Sutdio V 1.21.2.10
EUT firmware number: N/A
Power setting: Maximum level

☒ **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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FCC Agency Agreement	Confidential Schematics
Application Forms	Confidential Theory of Operation
Confidentiality Request Letter	Confidential Block Diagram
Test Configuration Photographs	User Manual
External Photographs	Sample Label
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1 General Information

1.1 Purpose of this Report

This report is prepared as a means of conveying test results and information concerning the suitability of this exact product for public distribution according to the FCC Rules and Regulations Part 15, Section 249.

1.2 Characterization of Test Sample

The sample used for testing was received by US Tech on August 5, 2026 in good operating condition.

1.3 Product Description

The Equipment under Test (EUT) is the GenAI Healthcare Inc model NX01A. The NX01A is a smart ring for wellness monitoring and tracking.

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.

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 are provided in separate Appendices.

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 US5301.

1.6 Related Submittals

The EUT is subject to the following FCC authorizations:

- a) Certification under section 15.207 and 15.209 as a transmitter.
- b) SDoC under 15.101 as a digital device.

The SDoC requirement shares many common report elements with the Certification report. Therefore, though this report is mostly intended to provide data for the Certification process, the SDoC authorization report (Parts 15.107 and 15.109) for the EUT is included herein.

Table 1. EUT and Peripherals

EUT/ PERIPHERAL MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	REMARKS	CABLES P/D
EUT/ GenAI Healthcare Inc.	NX01A	Engineering Sample	Pending: FCC ID: 2BXSX-NXRING1	PU/DU
Peripheral Dell Laptop	P75F	J2HN6C3	Used for programming and testing purpose only.	PU/DU

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

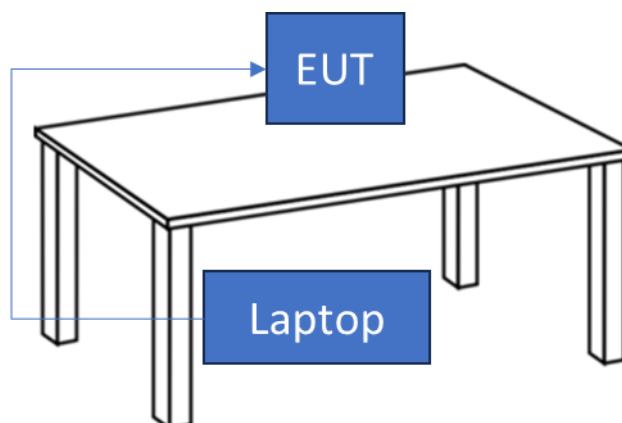


Figure 1. Block Diagram of Test Configuration

Note: Laptop is used for programming and power.

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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

TEST INSTRUMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DUE DATE
Spectrum Analyzer	Agilent	E4440A	MY45304803	9/4/2027 2 yr.
Preamp	Hewlett-Packard	8447D	1937A01611	2/13/2027
Preamp	Hewlett-Packard	8449B	30008A01275	2/12/2027
Loop Antenna	EMCO	6502	9810-3246	2/18/2028 2 yr
Bicon Antenna	EMCO	3110B	9307-1431	2/24/2027 2 yr
Log Periodic Antenna	EMCO	3146	9110-3236	11/15/2026 2 yr
Horn Antenna	A. H. Systems	SAS-571	605	3/18/2027 2 yr
Horn Antenna	EMC	3116	9505-2255	11/27/2026 Extended
High Pass Filter	Microwave Circuits	H3R020G2	001DC9528	6/1/2027
RF Cable	Time Microwave Systems	LMR400	N/A	1/14/2027
RF Cable	Hight Frequency Cable	SMA 0.6 M Cable	N/A	2/12/2027
RF Cable	Time Microwave Systems	LMR400	19424	2/13/2027
RF Cable	Harbour Industries	LL142	A13355-3036	2/13/2027
RF Cable	US Tech	LMR 400	N/A	7/15/2027
RF Cable	Pasternack	PE300-24	1226	7/15/2027

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 physical modifications were made by US Tech in order to bring the EUT into compliance with FCC Part 15, Subpart C Intentional Radiator Limits for the transmitter portion of the EUT or the Subpart B Unintentional Radiator Limits (Receiver and Digital Device) Requirements.

2.3 Number of Measurements for Intentional Radiators (15.31(m))

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 2402-2480MHz, 3 test frequencies were used.

2.4 Frequency Range of Radiated Measurements (Part 15.33)

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 5 times the highest internal clock frequency.

2.5 Measurement Detector Function and Bandwidth (CFR 15.35)

The radiated and conducted emissions limits shown herein are based on the parameters outlined 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.

2.6 Transmitter Duty Cycle (CFR 15.35 (c))

When the radiated emissions limits are expressed in terms of AVERAGE values and pulse operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals as long as the pulse train does not exceed 0.1 seconds. In cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.

2.7 EUT Antenna Requirements (CFR 15.203)

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 dB _i	TYPE OF CONNECTOR
Antenna	GenAI Healthcare Inc.	PCB Antenna	N/A	+2.78	Soldered

2.8 Restricted Bands of Operation (CFR 15.205)

Only spurious emissions can fall in the frequency bands of CFR 15.205. The field strength of these spurious emissions cannot exceed the limits of 15.209. Radiated Harmonics and other Spurious Emissions are examined for this requirement.

2.9 Intentional Radiator, Radiated Emissions (CFR 15.209, 15.249(a)(c))

Radiated Radio measurements: the EUT was placed into a continuous transmit mode of operation and a preliminary scan was performed on the EUT to find signal frequencies that were caused by the transmitter part of the product. To obtain the worst-case results, the EUT was placed on a table top of a non-conductive table, 150 cm above the ground floor. The EUT was positioned 3 meters away from the receiving antenna during testing. The EUT was tested in X, Y and Z axes to determine the worst-case orientation. Radiated measurements below 30 MHz were tested with a RBW = 9 kHz; emissions below 1 GHz were tested with a RBW = 120 kHz and radiated measurements above 1 GHz were measured using a RBW = 1 MHz. VBW was set to three times the RBW value.

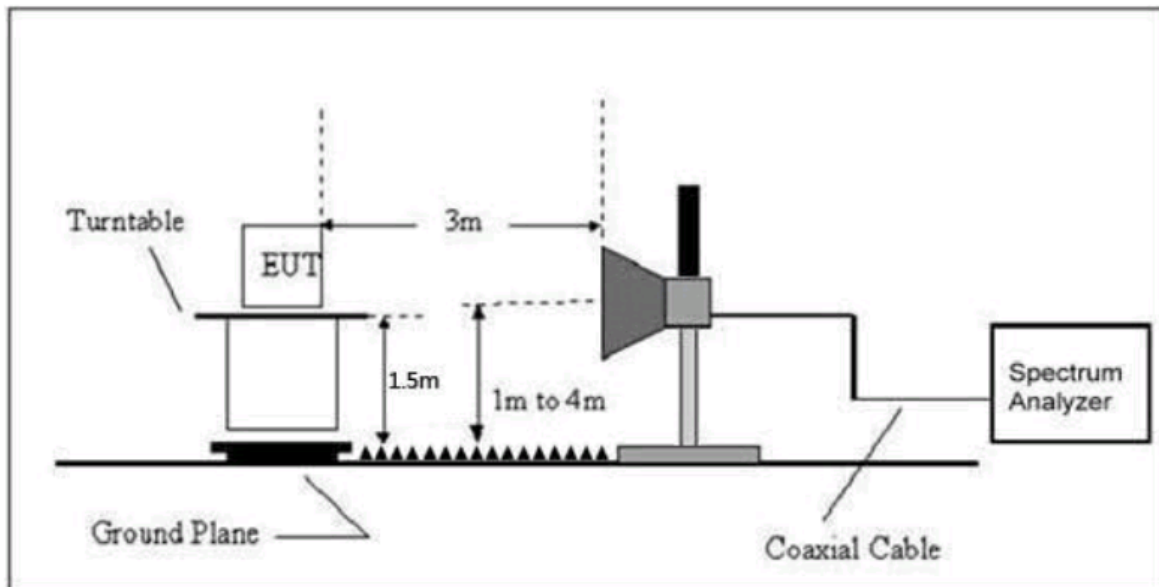


Figure 2. Radiated Emissions Setup - Fundamental and Harmonics

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Table 5. Radiated Fundamental & Harmonic Emissions

Test: Part 15C, Para 15.249								
Frequency (MHz)	Test Data (dBuV)	Additional Factor	AF+CL-PA (dB/m)	Corrected Results (dBuV/m)	AVG Limits (dBuV/m)	Distance / Polarization	Margin (dB)	Detector
Low Channel								
2402.20	55.10	0.00	33.24	88.34	114.0**	3m./HORZ	25.66	PK
2402.20	49.77	0.00	33.24	83.01	94.0	3m./HORZ	10.99	AVG
4803.45*	50.76	0.00	3.38	54.14	74.0**	3m./HORZ	19.86	PK
4803.45*	42.13	0.00	3.38	45.51	54.0	3m./HORZ	8.49	AVG
7205.13*	48.68	0.00	7.53	56.21	74.0**	3m./HORZ	17.79	PK
7205.13*	38.33	0.00	7.53	45.86	54.0	3m./HORZ	8.14	AVG
12008.00*	38.71	0.00	12.58	51.29	74.0**	3m./HORZ	22.71	PK
12008.00*	27.25	0.00	12.58	39.83	54.0	3m./HORZ	14.17	AVG
Mid Channel								
2441.78	58.28	0.00	33.53	91.81	114.0**	3m./HORZ	22.19	PK
2441.78	52.93	0.00	33.53	86.46	94.0	3m./HORZ	7.54	AVG
4883.48*	49.04	0.00	2.63	51.67	74.0**	3m./HORZ	22.33	PK
4883.48*	40.37	0.00	2.63	43.00	54.0	3m./HORZ	11.00	AVG
7326.00*	47.73	0.00	8.59	56.32	74.0**	3m./HORZ	17.68	PK
7326.00*	37.43	0.00	8.59	46.02	54.0	3m./HORZ	7.98	AVG
12208.00*	39.26	0.00	12.67	51.93	74.0**	3m./HORZ	22.07	PK
12208.00*	28.92	0.00	12.67	41.59	54.0	3m./HORZ	12.41	AVG
High Channel								
2479.71	55.30	0.00	33.74	89.04	114.0**	3m./HORZ	25.0	PK
2479.71	49.89	0.00	33.74	83.63	94.0	3m./HORZ	10.4	AVG
4960.51*	46.59	0.00	3.39	49.98	74.0**	3m./HORZ	24.0	PK
4960.51*	38.02	0.00	3.39	41.41	54.0	3m./HORZ	12.6	AVG
7440.66*	45.76	0.00	7.88	53.64	74.0**	3m./HORZ	20.4	PK
7440.66*	35.36	0.00	7.88	43.24	54.0	3m./HORZ	10.8	AVG
12401.10*	40.28	0.00	15.21	55.49	74.0**	3m./HORZ	18.5	PK
12401.10*	28.90	0.00	15.21	44.11	54.0	3m./HORZ	9.9	AVG

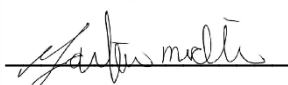
- (*) Falls within the restricted bands of CFR 15.205.
- (**) Indicates Peak Limits used.
- No other signals detected within 20 dB of specification limit. Harmonics investigated up to the 10th harmonic

Sample Calculation at 2402.20 MHz:

Magnitude of Measured Frequency	55.10	dBuV
+Antenna Factor + Cable Loss+ Amplifier Gain	33.24	dB/m
Corrected Result	88.34	dBuV/m

Test Date: October 7-8, 2026

Tested By

Signature: 

Name: Gabriel Medina

2.10 Band Edge Measurements – (CFR 15.249 (d))

Band Edge measurements are made following the guidelines in FCC KDB Publication No. 558074 with the EUT initially operating on the Lowest Channel and then operating on the Highest Channel within its band of operation. Radiated measurements are performed to demonstrate compliance with the requirement of 15.249(d) that all emissions outside of the band edges be attenuated by at least 50 dB or 15.209 limits, when compared to its highest in-band value.

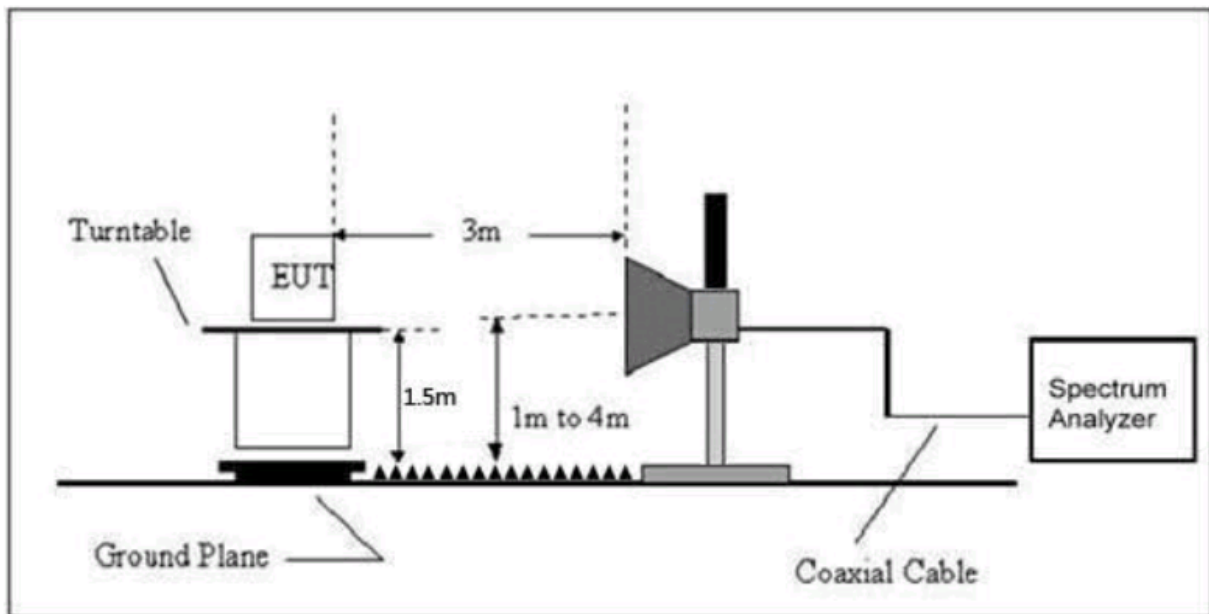


Figure 3. Radiated Emissions Setup - Radiated Band edge & Restricted Band

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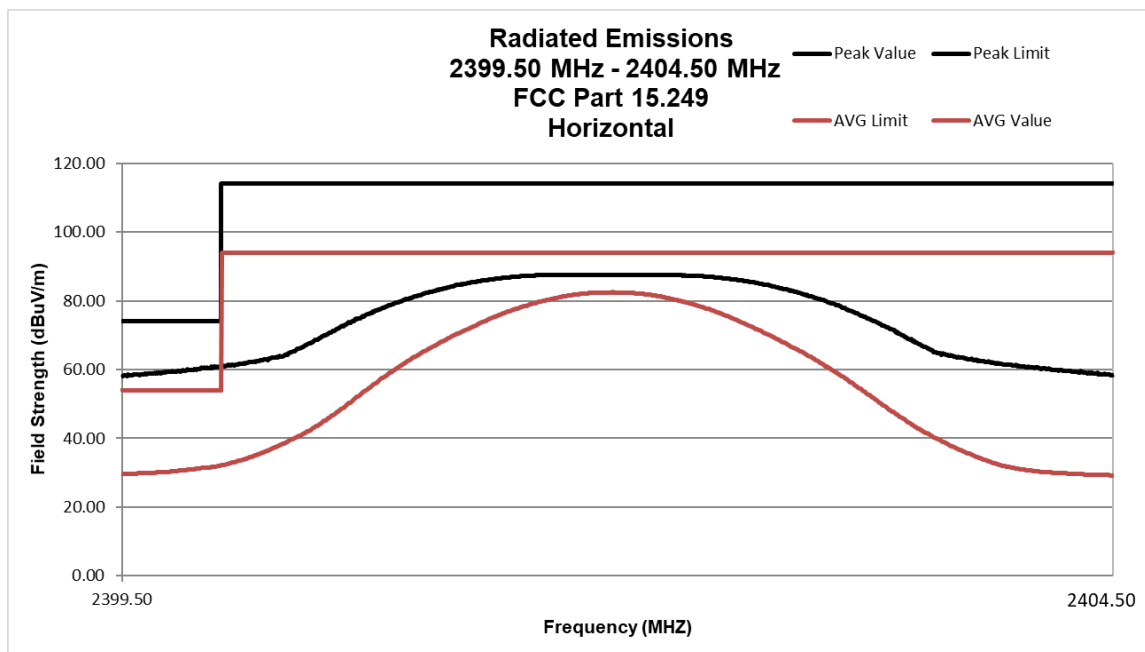


Figure 4. Band Edge Compliance - Low Channel - Horizontal

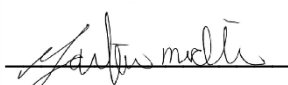
Lower band edge must be less than the radiated emission limits of 15.209. This requirement is met.

Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Antenna Distance/ Polarization	Margin (dB)	Detector PK, or AVG
2400.00	65.86	-4.90	60.95	74.0*	3m./HORZ	13.0	PK
2400.00	37.04	-4.90	32.13	54.0	3m./HORZ	21.9	AVG

1. (*) Indicates Peak Limits used.

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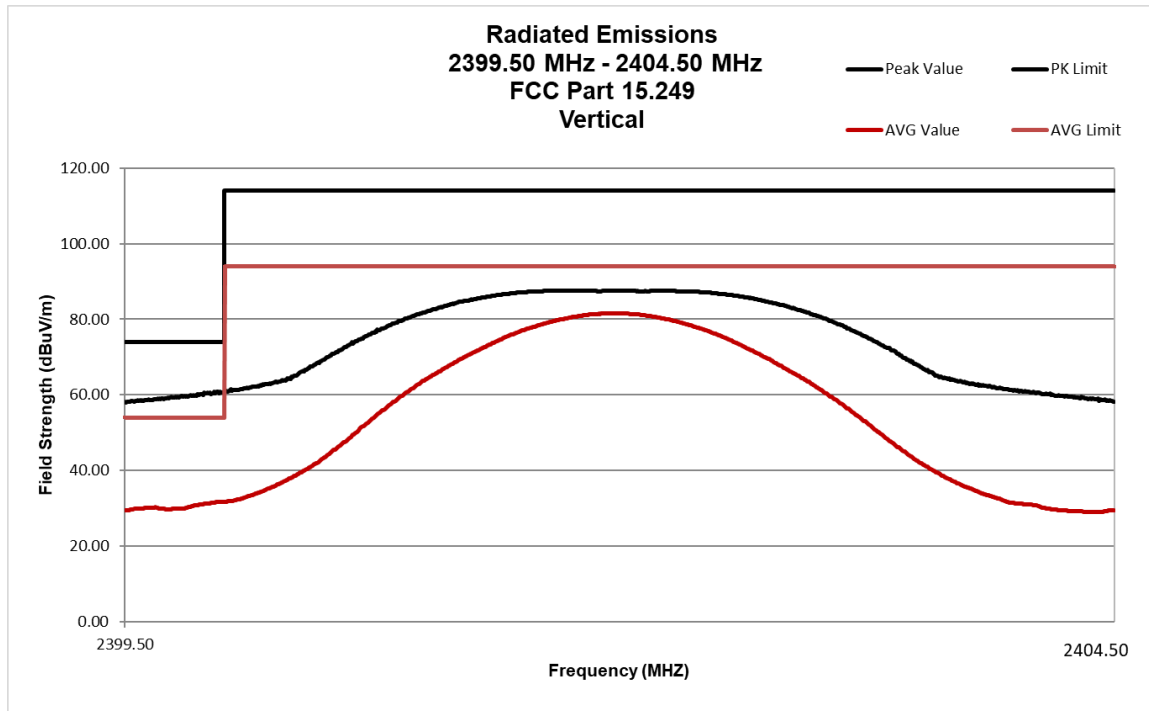


Figure 5. Band Edge Compliance - Low Channel - Vertical

Lower band edge must be less than the radiated emission limits of 15.209. This requirement is met.

Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Antenna Distance/Polarization	Margin (dB)	Detector PK, or AVG
2400.00	60.87	-4.99	55.89	74.0*	3m./VERT	18.1	PK
2400.00	36.68	-4.99	31.69	54.0	3m./VERT	22.3	AVG

2. (*) Indicates Peak Limits used.

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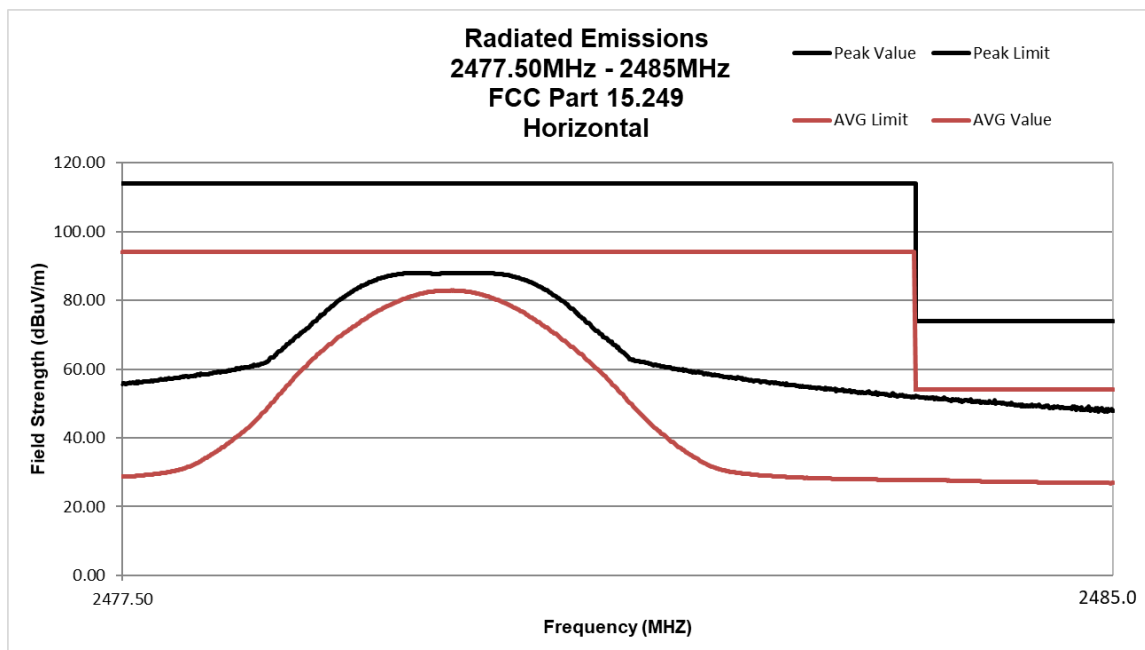


Figure 6. Band Edge Compliance - High Channel – Horizontal

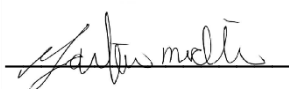
Upper band edge must be less than the radiated emission limits of 15.209. This requirement is met.

Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Antenna Distance/ Polarization	Margin (dB)	Detector PK, or AVG
2483.50	56.58	-4.37	52.21	74.0*	3m./HORZ	21.8	PK
2483.50	32.10	-4.37	27.73	54.0	3m./HORZ	26.3	AVG

1. (*) Indicates Peak Limits used.

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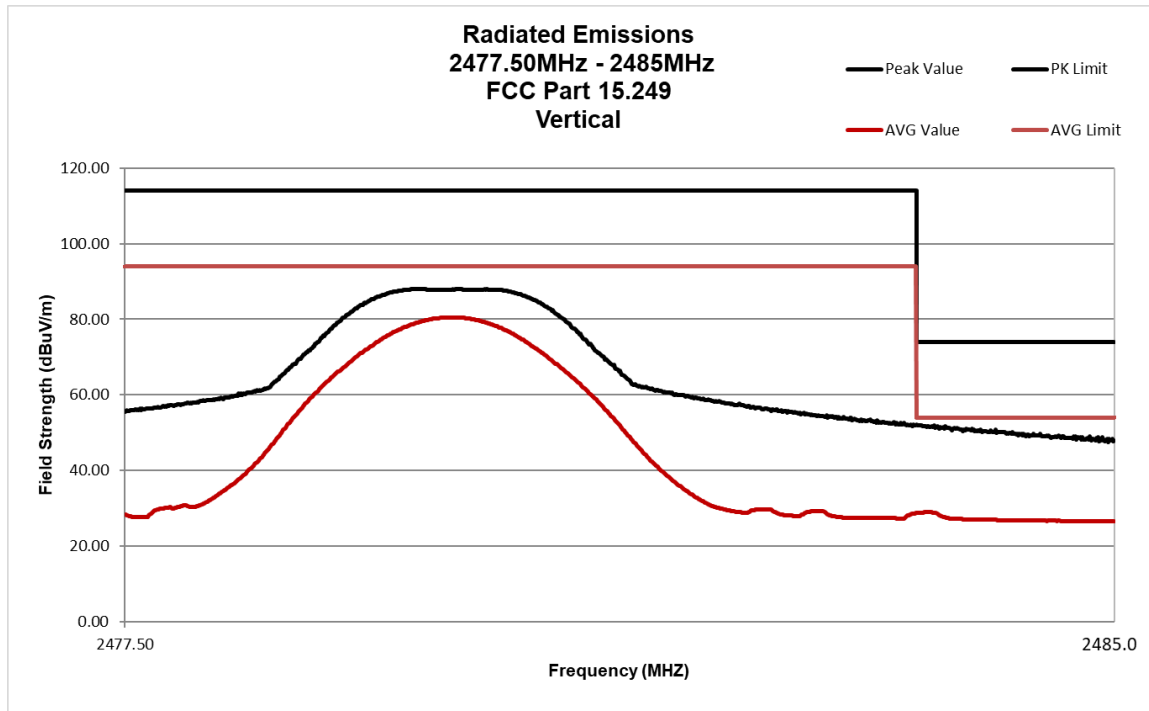


Figure 7. Band Edge Compliance - High Channel – Vertical

Upper band edge must be less than the radiated emission limits of 15.209. This requirement is met.

Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	Limits (dBuV/m)	Antenna Distance/ Polarization	Margin (dB)	Detector PK, or AVG
2483.50	55.39	-4.52	50.87	74.0	3m./VERT	23.1	PK
2483.50	33.28	-4.52	28.76	54.0	3m./VERT	25.2	AVG

2. (*) Indicates Peak Limits used.

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Name: Gabriel Medina

2.11 Occupied Bandwidth (CFR 2.1049)

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

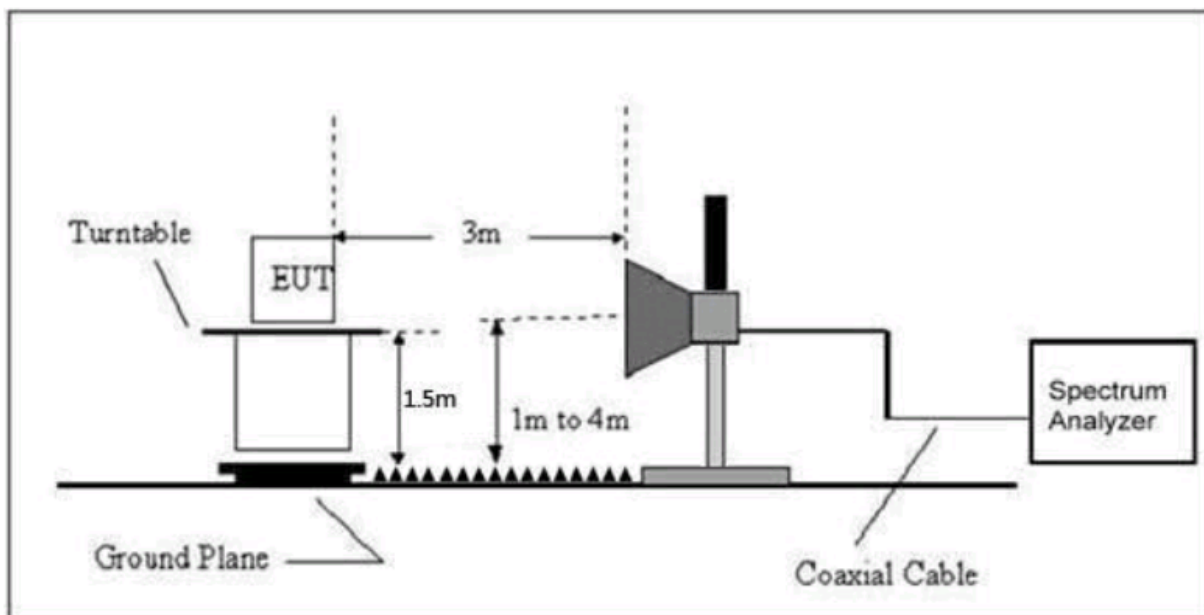


Figure 8. Radiated Emissions Setup - Occupied Bandwidth

Table 6. Occupied Bandwidth

Frequency (MHz)	Occupied Bandwidth (MHz)
2402.00	1.0427
2442.00	1.0491
2480.00	1.4062

Test Date: October 7-8, 2026

Tested By

Signature:

Name: Gabriel Medina

US Tech Test Report
FCC ID:
Test Report Number:
Issue date:
Customer:
Model:

FCC Part 15.209/249
2BXSX-NXRING1
26-0214
October 8, 2025
GenAI Healthcare Inc.
NX01A

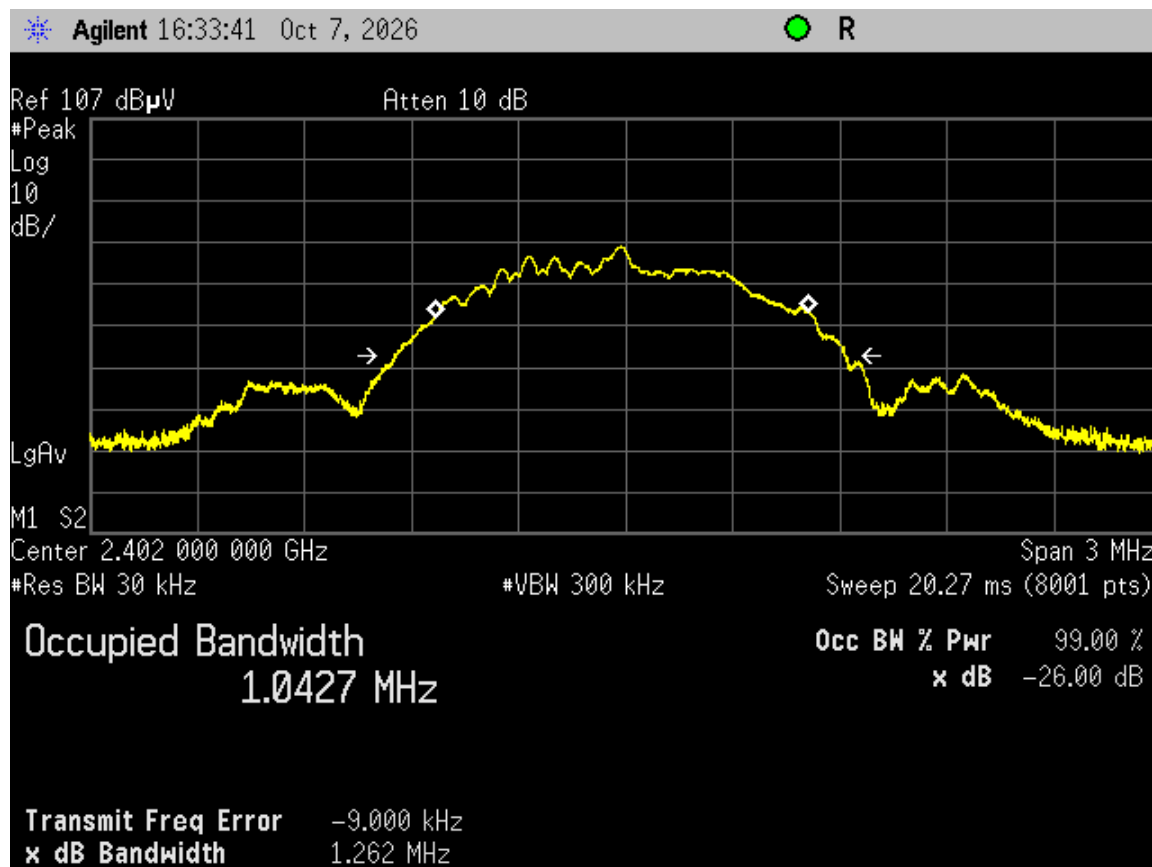


Figure 9. 99% Occupied Bandwidth Low Channel

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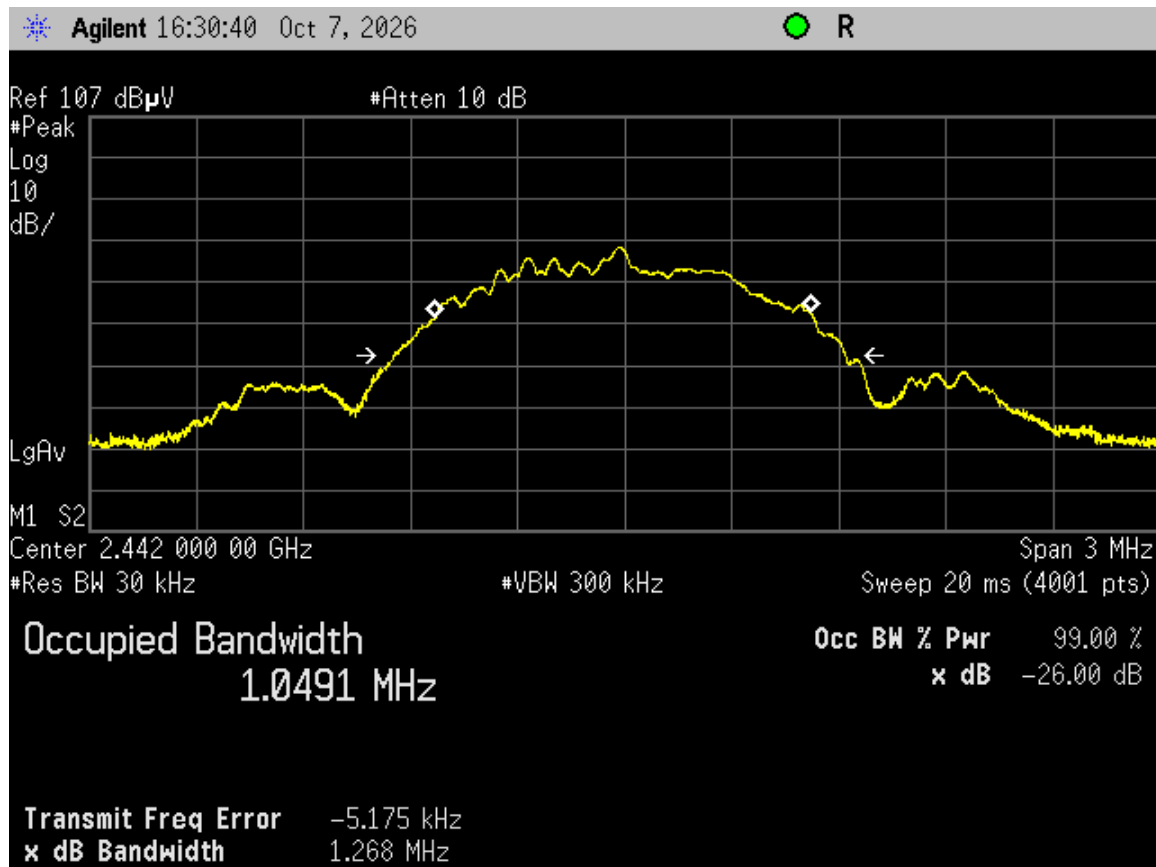


Figure 10. 99% Occupied Bandwidth Mid Channel

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Figure 11. 99% Occupied Bandwidth High Channel

2.12 Powerline Emissions (CFR 15.207)

In accordance with ANSI C63.4-2014, Paragraph 7, the power-line conducted voltage emissions requirements of 47 CFR § 15.207 do not apply to this device. The EUT does not transmit during charging, and no measurements were conducted.

2.13 Intentional Radiator, Radiated Emissions (CFR 15.209)

Radiated emissions disturbance Measurements were performed with an instrument having both peak and quasi-peak detectors over the frequency range of 9 kHz to 18 GHz. Measurements of the radiated emissions were made with the receiver antenna at a distance of 3 m from the boundary of the test unit.

The test antenna was varied from 1 m to 4 m in height while watching the analyzers' display for the maximum magnitude of the signal at the test frequency. The antenna polarization (horizontal or vertical) and test sample azimuth were varied during the measurements to find the maximum field strength readings to record.

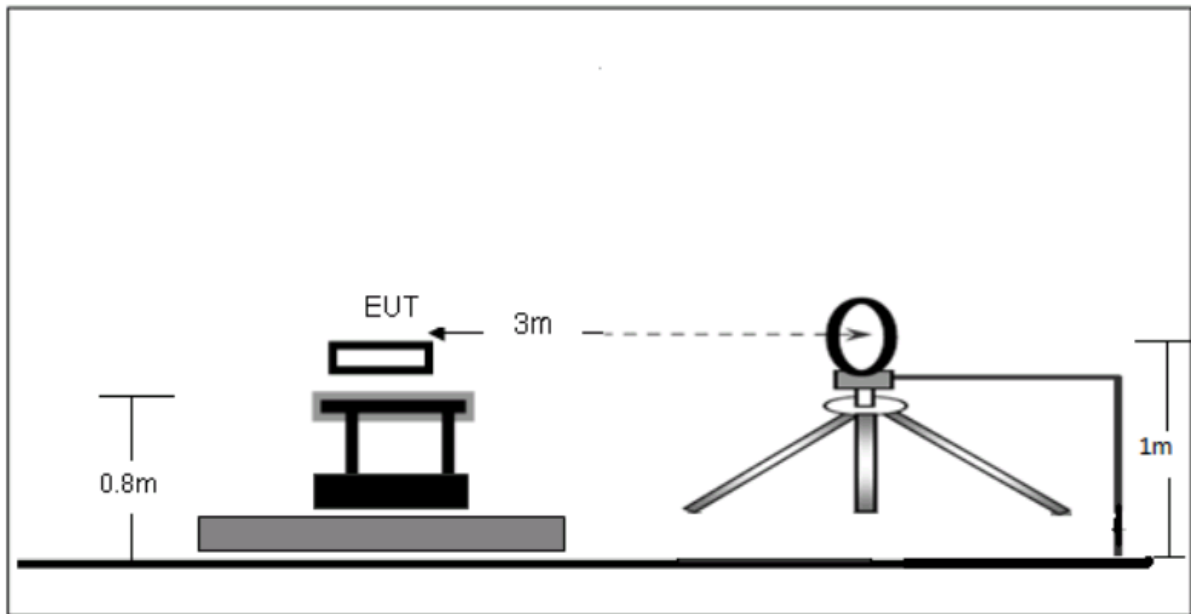


Figure 12. Test Configuration below 30 MHz

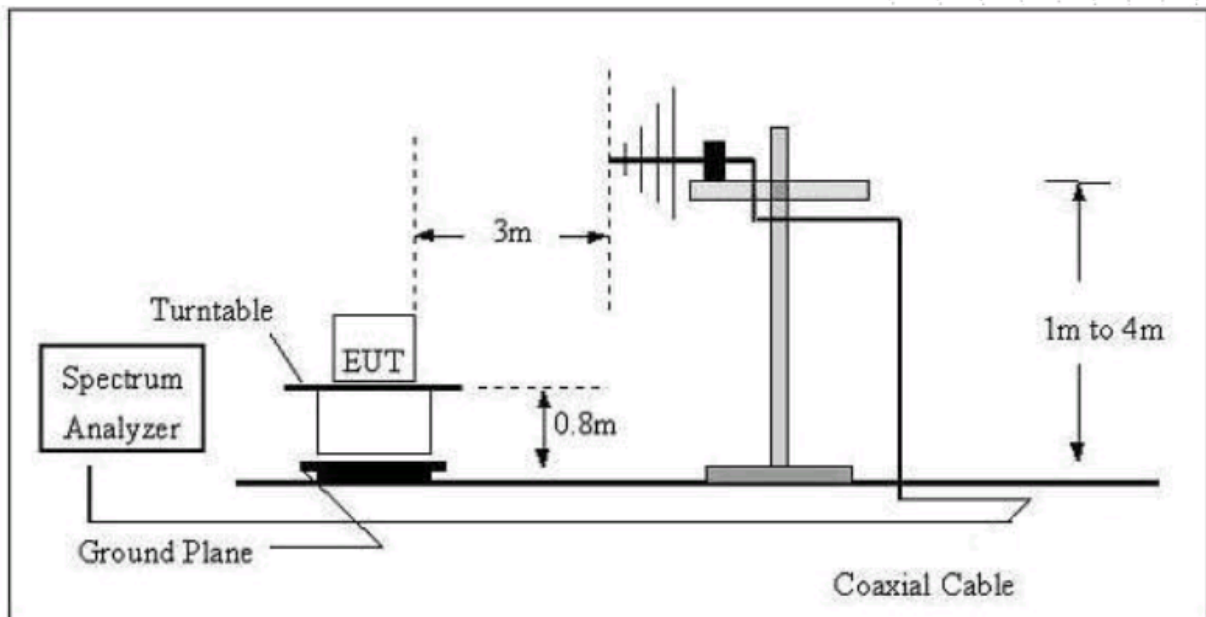


Figure 13. Test Configuration below 1000 MHz

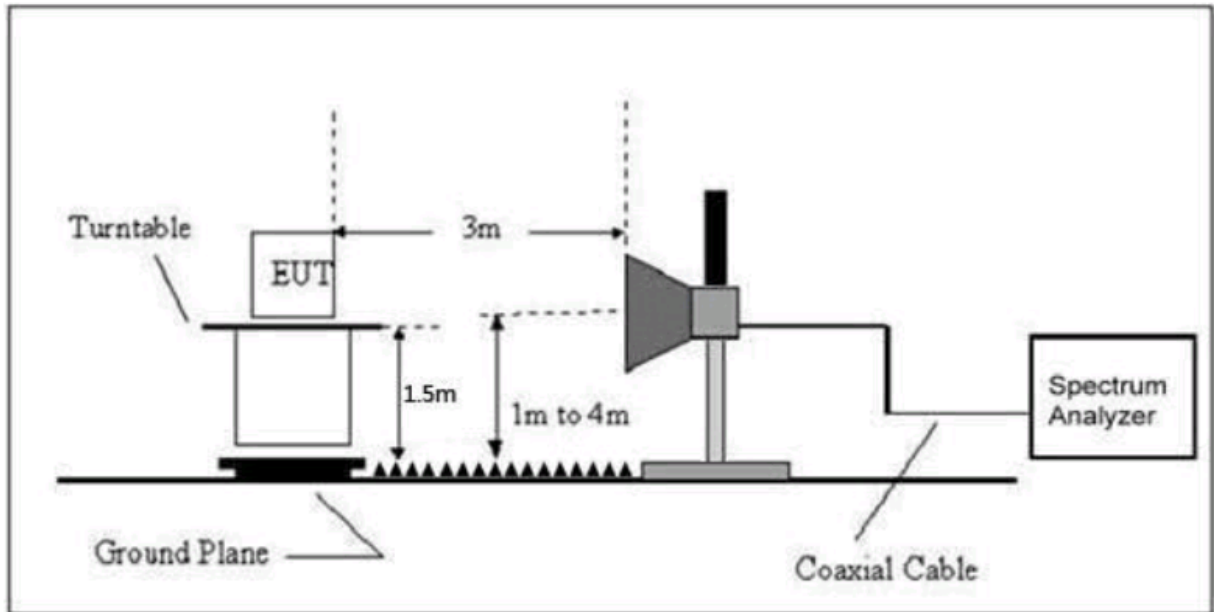


Figure 14. Test Configuration above 1000 MHz

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FCC ID:
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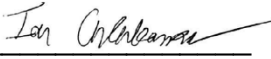
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Table 7. Radiated Emissions, 9 kHz – 30 MHz

9 kHz to 30 MHz, 15.209 limits							
Frequency (MHz)	Test Data (dBuV)	AF+CA- AMP (dB/m)	Results (dBuV/m)	QP Limits (dBuV/m)	Antenna Distance/ Polarization	Margin (dB)	Detector PK, or AVG
All emissions more than 20 dB below the applicable limit.							

Sample Calculations: N/A

Test Date: August 20, 2026

Tested By
Signature: 

Name: Ian Charboneau

US Tech Test Report
FCC ID:
Test Report Number:
Issue date:
Customer:
Model:

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Table 8. Spurious Radiated Emissions (30 MHz – 1 GHz)

Test: FCC Part 15.209 Limits							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	QP Limits (dBuV/m)	Antenna Distance/ Polarization	Margin (dB)	Detector PK, or AVG
110.65	31.54	-12.54	19.00	43.5	3m./HORZ	24.5	PK
920.20	37.17	1.29	38.46	46.0	3m./HORZ	7.5	PK
60.48	31.06	-13.87	17.19	40.0	3m./VERT	22.8	PK
179.84	31.37	-8.25	23.12	43.5	3m./VERT	20.4	PK
729.97	31.30	-0.93	30.36	46.0	3m./VERT	15.6	PK
All other emissions more than 20 dB below the applicable limit.							

Sample Calculation at 110.65 MHz:

Magnitude of Measured Frequency	31.54 dBuV
+Antenna Factor + Cable Loss – Amplifier Gain	-12.54 dB/m
Corrected Result	19.00 dBuV/m

Test Date: August 18, 2026

Tested By
Signature: Ian Charboneau

Name: Ian Charboneau

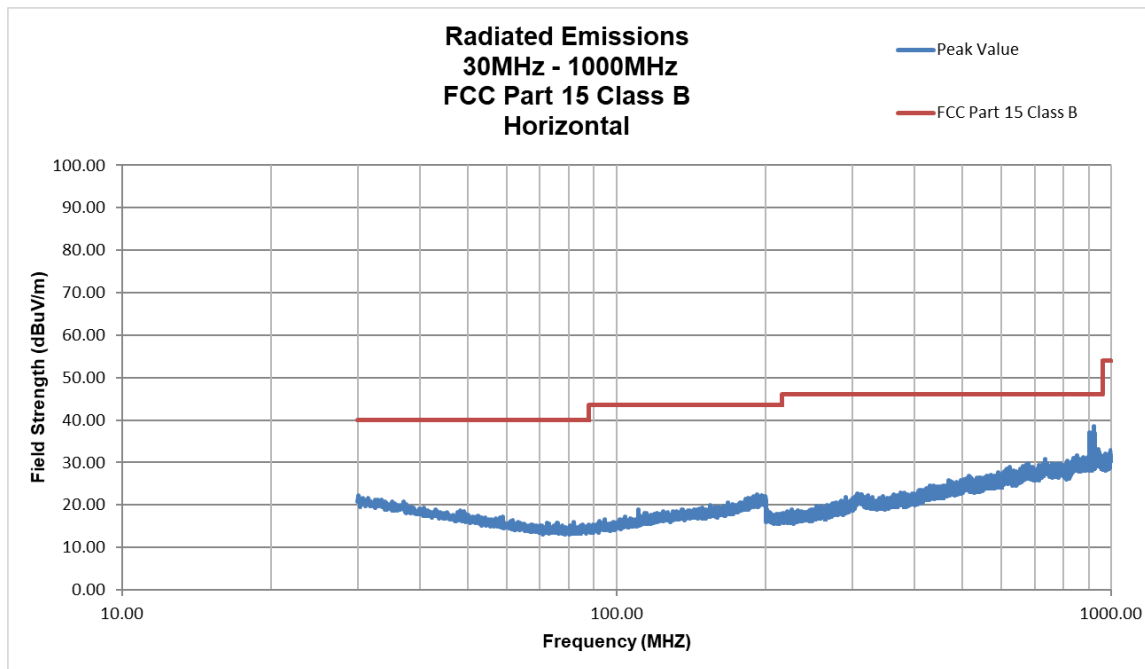


Figure 15. Radiated Emissions, Horizontal 30 – 1000 MHz

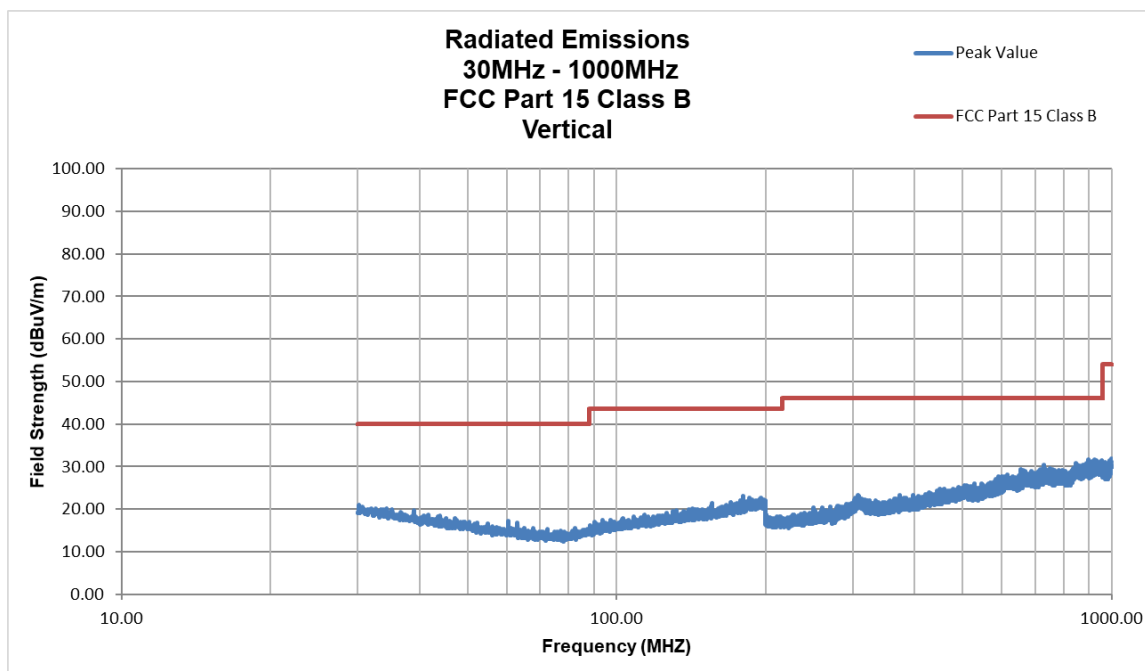


Figure 16. Radiated Emissions, Vertical 30 – 1000 MHz

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Table 9. Spurious Radiated Emissions (Above 1 Ghz)

Test: FCC Part 15.209 and 15.249							
Frequency (MHz)	Test Data (dBuV)	AF+CA-AMP (dB/m)	Results (dBuV/m)	AVG Limits (dBuV/m)	Antenna Distance/ Polarization	Margin (dB)	Detector PK, or AVG
1115.50	58.99	-13.23	45.76	54.0	3m./HORZ	8.2	PK
1257.00	55.47	-12.14	43.33	54.0	3m./HORZ	10.7	PK
1392.50	54.70	-10.62	44.07	54.0	3m./HORZ	9.9	PK
1815.92	44.94	-8.14	36.80	54.0	3m./HORZ	17.2	AVG
2660.50	51.46	-3.90	47.57	54.0	3m./HORZ	6.4	PK
2789.00	48.26	-4.19	44.07	54.0	3m./HORZ	9.9	PK
5990.80	22.04	4.33	26.37	54.0	3m./HORZ	27.6	AVG
13749.23	23.04	16.94	39.98	54.0	3m./HORZ	14.0	AVG
14115.56	22.64	19.36	42.00	54.0	3m./HORZ	12.0	AVG
14409.40	24.23	18.12	42.35	54.0	3m./HORZ	11.6	AVG
14823.05	23.62	17.96	41.58	54.0	3m./HORZ	12.4	AVG
16910.50	21.51	17.30	38.81	54.0	3m./HORZ	15.2	AVG
17158.05	20.95	21.46	42.41	54.0	3m./HORZ	11.6	AVG
17523.58	21.52	21.67	43.19	54.0	3m./HORZ	10.8	AVG
17821.45	21.18	20.33	41.51	54.0	3m./HORZ	12.5	AVG
1256.00	58.44	-11.95	46.5	54.0	3m./VERT	7.5	PK
1115.69	40.75	-13.14	27.6	54.0	3m./VERT	26.4	AVG
1328.00	56.29	-11.39	44.9	54.0	3m./VERT	9.1	PK
1392.50	56.32	-10.86	45.5	54.0	3m./VERT	8.5	PK
1818.00	54.77	-8.19	46.6	54.0	3m./VERT	7.4	PK
2509.50	50.55	-4.58	46.0	54.0	3m./VERT	8.0	PK
2657.91	34.60	-3.94	30.7	54.0	3m./VERT	23.3	AVG
2912.00	45.61	-3.51	42.1	54.0	3m./VERT	11.9	PK
3236.23	44.95	1.73	46.7	54.0	3m./VERT	7.3	PK
5333.22	41.73	2.87	44.6	54.0	3m./VERT	9.4	PK
6000.17	40.11	4.68	44.8	54.0	3m./VERT	9.2	AVG
13749.88	23.10	16.79	39.9	54.0	3m./VERT	14.1	AVG
13990.73	22.35	17.86	40.2	54.0	3m./VERT	13.8	AVG
14411.00	24.22	18.00	42.2	54.0	3m./VERT	11.8	AVG
14823.84	23.52	17.91	41.4	54.0	3m./VERT	12.6	AVG
15164.46	22.38	16.65	39.0	54.0	3m./VERT	15.0	AVG
16644.37	21.52	18.19	39.7	54.0	3m./VERT	14.3	AVG
16980.19	21.10	19.50	40.6	54.0	3m./VERT	13.4	AVG
17445.91	21.59	20.83	42.4	54.0	3m./VERT	11.6	AVG
17811.90	21.33	20.48	41.8	54.0	3m./VERT	12.2	AVG

Note: Peak detected emissions meet AVG limits.

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Sample Calculation at 1115.50 MHz:

Magnitude of Measured Frequency	58.99 dBuV
+Antenna Factor + Cable Loss - Amplifier Gain	-13.23 dB/m
Corrected Result	45.76 dBuV/m

Test Date: October 7-8, 2026

Tested By
Signature: 

Name: Gabriel Medina

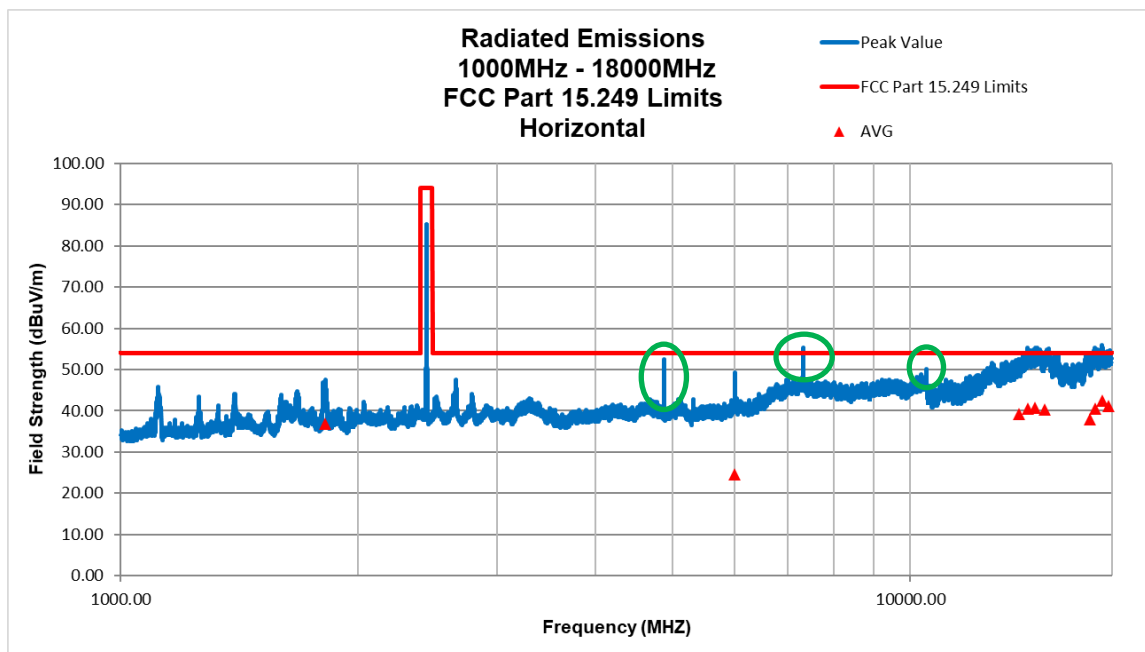


Figure 17. Radiated Emissions, Horizontal 1000 MHz – 18000 MHz

Note: Circled in green are the harmonics of the fundamental and are further evaluated in Section 2.9 and Table 5.

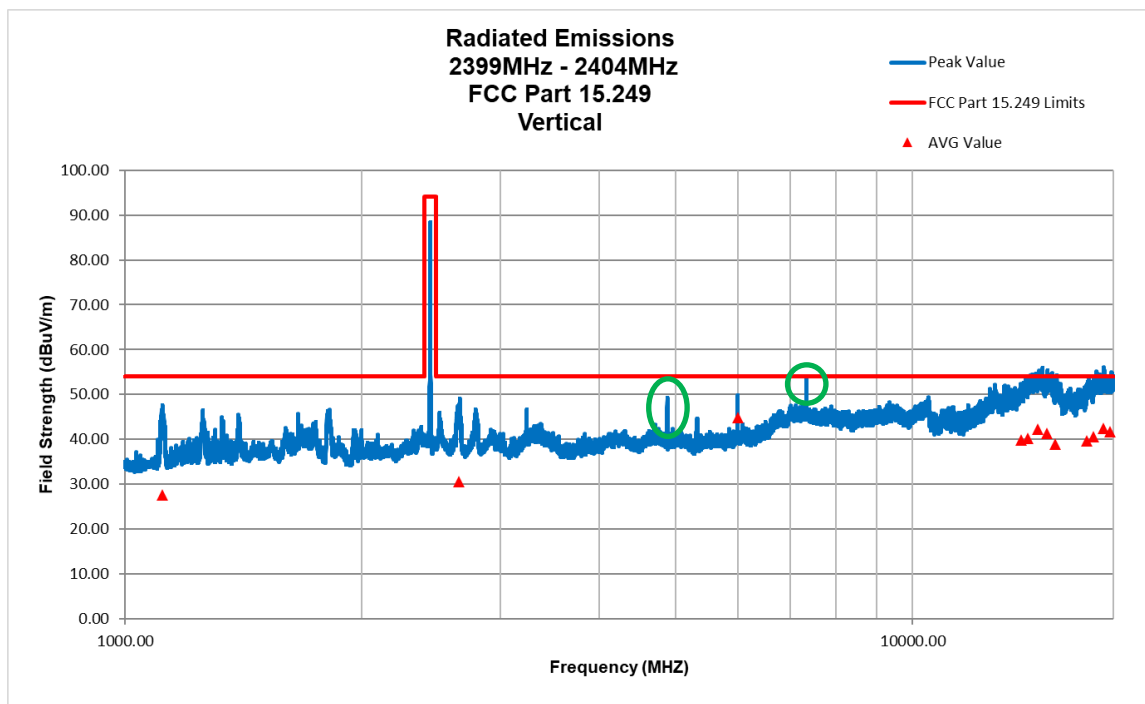


Figure 18. Radiated Emissions, Vertical 1000 MHz – 18000 MHz

Note: Circled in green are the harmonics of the fundamental and are further evaluated in Section 2.9 and Table 5.

2.14 Measurement Uncertainty

The measurement uncertainties given were calculated using the method detailed in CISPR 16-4-2: 2011. A coverage factor of $k=2$ was used to give a level of confidence of approximately 95%.

2.14.1 Conducted Emissions Measurement Uncertainty

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

2.14.2 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 ± 5.40 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.

The data listed in this test report does have sufficient margin to negate the effects of uncertainty. Therefore, the EUT unconditionally meets this requirement.

END REPORT