

FCC RADIO TEST REPORT

Applicant..... : RPG BRANDS, LLC

Address..... : 3515 East Atlanta Avenue, Phoenix, Arizona 85040 United States of America
Phoenix Arizona United States

Manufacturer..... : Dongguan Golden Flame Appliances CO.,LTD

Address..... : Room 1101, Building8, No.63, Hongmei Section,Wangsha Road, Hongmei
Town, DongguanCity, Guangdong Province,523000, PRC

Factory..... : Dongguan Golden Flame Appliances CO.,LTD

Address..... : Room 1101, Building8, No.63, Hongmei Section,Wangsha Road, Hongmei
Town, DongguanCity, Guangdong Province,523000, PRC

Product Name..... : Nova Clear series

Brand Name..... : N/A

Model No. : 01-00251

FCC ID..... : 2A7U3NOVAREMOTE

Measurement Standard..... : 47 CFR FCC Part 15, Subpart C (Section 15.249)

Receipt Date of Samples..... : April 14, 2026

Date of Tested..... : April 22, 2026 to August 20, 2026

Date of Report..... : August 24, 2026

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.



Prepared by

Alina Guo / Project Engineer



Iori Fan / Authorized Signatory

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1. Summary of Test Result

FCC Rules	Description of Test	Result	Remarks
§15.207 (a)	AC Power Conducted Emission	N/A	See note 2
§15.249(a)/ 15.209	Radiated Emissions& Fundamental Emission	PASS	---
§15.249(d)/ 15.205	Band Edge	PASS	---
§15.215(c)	20dB Bandwidth	PASS	---
§15.203	Antenna Requirement	PASS	---

Note:

1. N/A means not applicable.

2. AC Power Conducted Emission is not applicable due to the EUT only can be powered by battery.

2. General Description of EUT

Product Information	
Product Name:	Nova Clear series
Main Model Name:	01-00251
Additional Model Name:	N/A
Model Difference:	N/A
S/N:	2604-2077
Brand Name:	N/A
Hardware version:	V1.0
Software version:	V1.0
Rating:	DC 3V from 2*DC 1.5V AA battery
Typical arrangement:	Table-top
I/O Port:	Reference the user's manual
Accessories Information	
Adapter:	N/A
Cable:	N/A
Other:	N/A
Additional information	
Note:	N/A
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

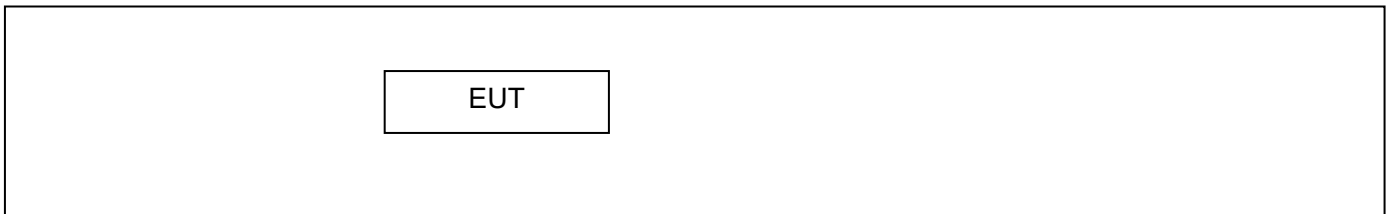
Technical Specification (2.4G Function)	
Frequency Range:	2419MHz
Modulation Type:	GFSK
Number of Channel:	1
Antenna Type:	PCB Antenna
Antenna Gain:	-3.91 dBi (Declared by manufacturer)

3. Test Channels and Modes Detail

Mode		Channel	Frequency (MHz)	Modulation
1	TX	1	2419	GFSK
2.	Normal Mode	---	---	---

Note: TX mode means that the EUT was programmed to be in continuously transmitting mode.

4. Configuration of EUT



5. Modification of EUT

No modifications are made to the EUT during all test items.

6. Description of Support Device

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Brand	M/N	S/N	Cable Specification	Remarks
---	---	---	---	---	---	---

No.	Test Software	Modulation	Power Setting
---	---	---	Default

Note: The EUT is manufacture engineer sample, not using frequency-synchronization software.

7. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2030 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2027 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Test Firm Designation Number: CN1214 Listed by ISED, June 08, 2017 The Certificate Registration Number. Is 9743A The CAB identifier number: CN0015
Test Site Location	:	Room 101, 1101, Building 2, No. 61, Hongmei Section, Wangsha Road, Hongmei Town, Dongguan, Guangdong, People's Republic of China

8. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 15, Subpart C, 15.249

ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

References Test Guidance:

N/A

9. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

10. Test Conditions

No.	Test Item	Test Mode	Test Voltage	Tested by	Remarks
1.	AC Power Conducted Emission	---	---	---	---
2.	Radiated Emissions	1-2	DC 3V	Sean	See note 1
3.	Band Edge	1-2	DC 3V	Sean	See note 1
4.	20dB Bandwidth	1-2	DC 3V	Sean	See note 1
5.	Antenna Requirement	---	---	---	---

Note:

1. The testing climatic conditions for temperature, humidity, and atmospheric pressure are within: 15~35°C, 30~70%, 86~106kPa.
2. As the EUT can be operated multiple positions, all X,Y,Z axis were considered during the test and only the worst case X was recorded.
3. Only the worst case was recorded in the report.
4. DC 3V from 1.5V AAA battery*2 (New batteries were used during test).

11. Measurement Uncertainty

No.	Test Item	Frequency	Uncertainty	Remarks
1.	Conducted Emission	150KHz ~ 30MHz	±2.96 dB	---
2.	Radiated Emission Test	9kHz ~ 30MHz	±5.63 dB	---
		30MHz ~ 1GHz	±5.63 dB	---
		1GHz ~ 18GHz	±5.16 dB	---
		18GHz ~ 40GHz	±5.16 dB	---
3.	RF Conducted Test	10Hz ~ 40GHz	±1.08 dB	---
4.	Occupied Channel Bandwidth	---	±0.71%	---

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The measurement uncertainty levels above are estimated and calculated according to CISPR 16-4-2.
3. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

12. Sample Calculations

Conducted Emission						
Freq. (MHz)	Reading Level (dBUV)	Correct Factor (dB)	Measurement (dBUV)	Limit (dBUV)	Over (dB)	Detector
0.1500	29.40	10.60	40.00	66.00	-26.00	QP
Where, Freq. = Emission frequency in MHz Reading Level = Spectrum Analyzer/Receiver Reading Corrector Factor = Insertion loss of LISN + Cable Loss + RF Switching Unit attenuation Measurement = Reading + Corrector Factor Limit = Limit stated in standard Margin = Measurement - Limit Detector = Reading for Quasi-Peak / Average / Peak						

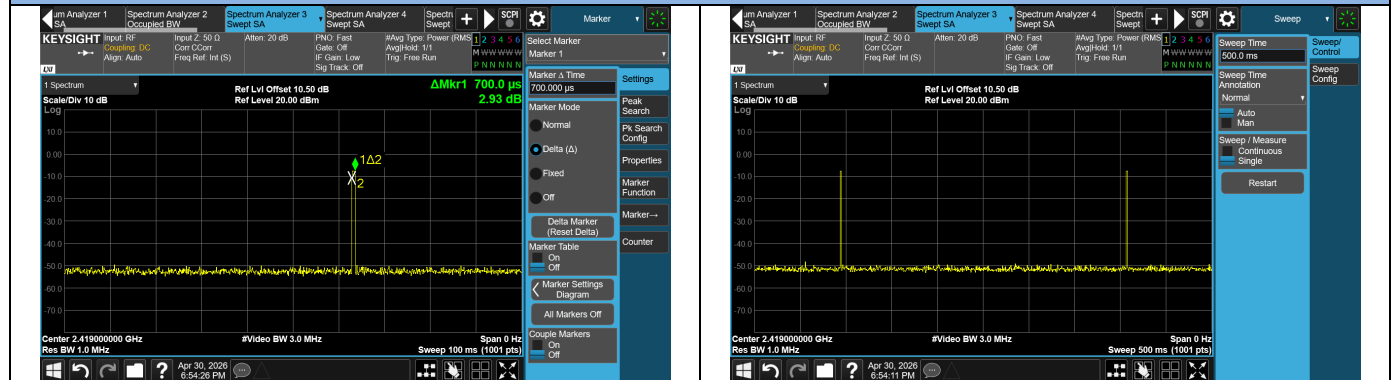
Radiated Spurious Emissions and Restricted Bands						
Freq. (MHz)	Reading Level (dBUV)	Correct Factor (dB/m)	Measurement (dBUV/m)	Limit (dBUV/m)	Over (dB)	Detector
53.2800	26.68	-7.28	19.40	40.00	-20.60	QP
Where, Freq. = Emission frequency in MHz Reading Level = Spectrum Analyzer/Receiver Reading Corrector Factor = Antenna Factor + Cable Loss - Pre-amplifier Measurement = Reading + Corrector Factor Limit = Limit stated in standard Over = Margin, which calculated by Measurement - Limit Detector = Reading for Quasi-Peak / Average / Peak						

Note: For all conducted test items, the spectrum analyzer offset or transducer is derived from RF cable loss and attenuator factor. The offset or transducer is equal to the RF cable loss plus attenuator factor.

13. Duty Cycle

Frequency MHz	TP time (ms)	Ton time (ms)	Duty cycle	AV Factor
2419	100	0.7	0.7%	-43.10

Test Photo



Note: Duty Cycle = (Total Ton time / TP time) x 100%

AV Factor = 20log(Duty Cycle).

14. Test Items and Results

14.1 Conducted Emissions Measurement

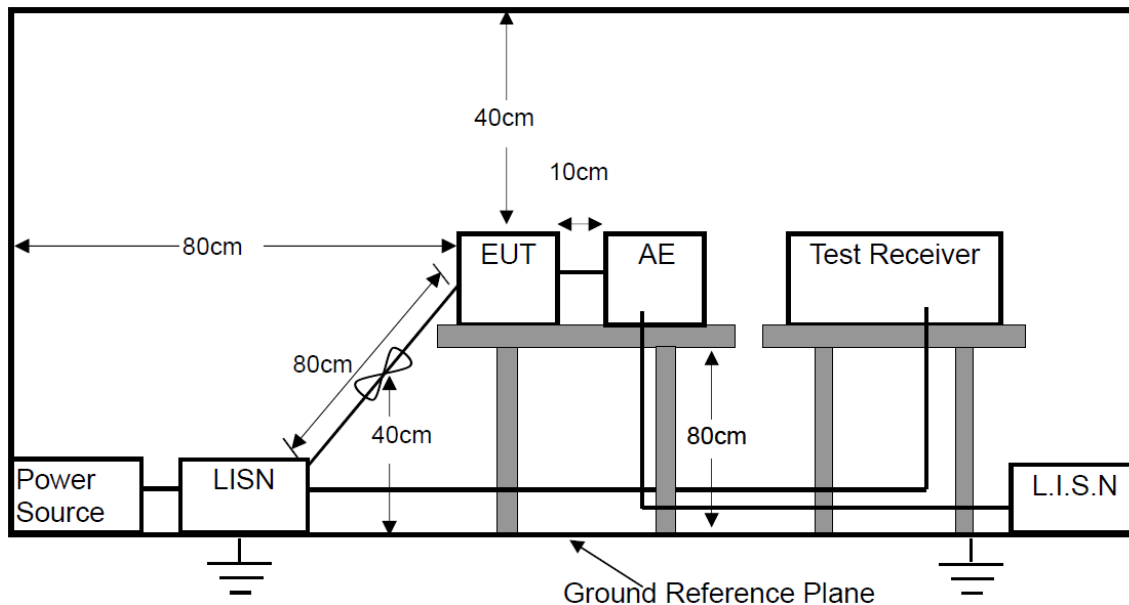
LIMITS

According to the requirements of FCC PART 15.207, the limits are as follows:

Frequency (MHz)	Quasi-peak	Average
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50

- Note:
1. If the limits for the average detector are met when using the quasi-peak detector, then the limits for the measurements with the average detector are considered to be met.
 2. The lower limit shall apply at the transition frequencies.
 3. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

- a. The EUT was placed on a wooden table 0.8m height from the metal ground plan and 0.4m from the conducting wall of the shielding room and it was kept at 0.8m from any other grounded conducting surface.
- b. All I/O cables and support devices were positioned as per ANSI C63.10.
- c. Connect mains power port of the EUT to a line impedance stabilization network (LISN).
- d. Connect all support devices to the other LISN and AAN, if needed.
- e. Scan the frequency range from 150KHz to 30MHz at both sides of AC line for maximum conducted interference checking and record the test data.

TEST RESULTS

Not applicable.

14.2 Radiated Spurious Emissions and Restricted Bands Measurement

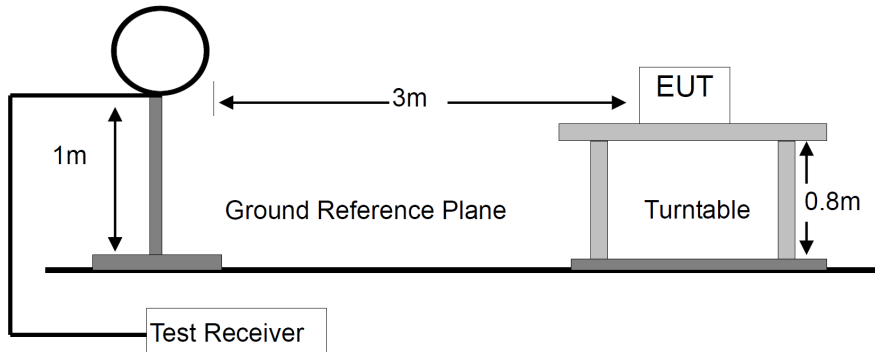
LIMITS

Frequency range MHz	Distance Meters	Field Strengths Limit (15.209)	
		$\mu\text{V/m}$	
0.009 ~ 0.490	300	2400/F(kHz)	
0.490 ~ 1.705	30	24000/F(kHz)	
1.705 ~ 30	30	30	
30 ~ 88	3	100	
88 ~ 216	3	150	
216 ~ 960	3	200	
Above 960	3	500	
Frequency range MHz	Distance Meters	Field Strengths Limit (15.249)	
		mV/m (Field strength of fundamental)	$\mu\text{V/m}$ (Field strength of Harmonics)
902 ~ 928	3	50	500
2400 ~ 2483.5	3	50	500
5725 ~ 5875	3	50	500
24000 ~ 2425000	3	250	2500

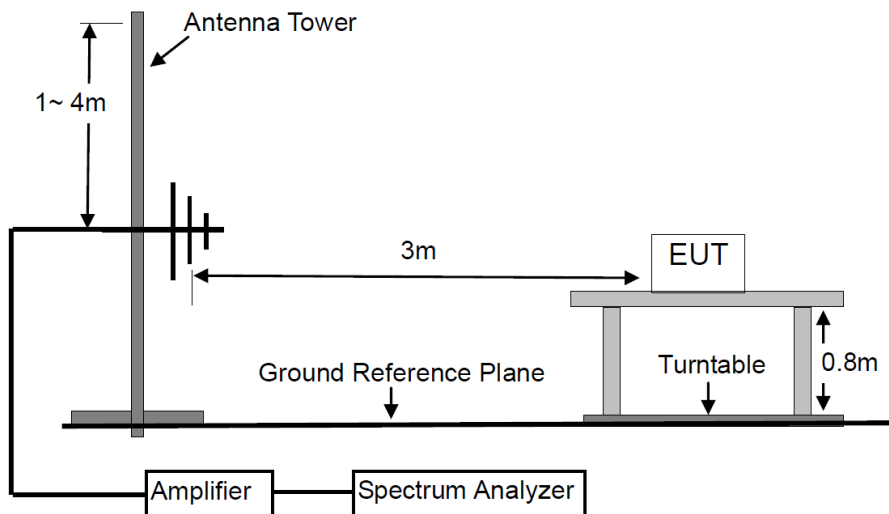
- Remark: (1) Emission level (dB) μV = 20 log Emission level $\mu\text{V/m}$
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
- (4) The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.
- (5) §15.249(d) specifies that emissions which fall in the restricted bands, as defined in §15.205 comply with radiated emission limits specified in §15.209.

BLOCK DIAGRAM OF TEST SETUP

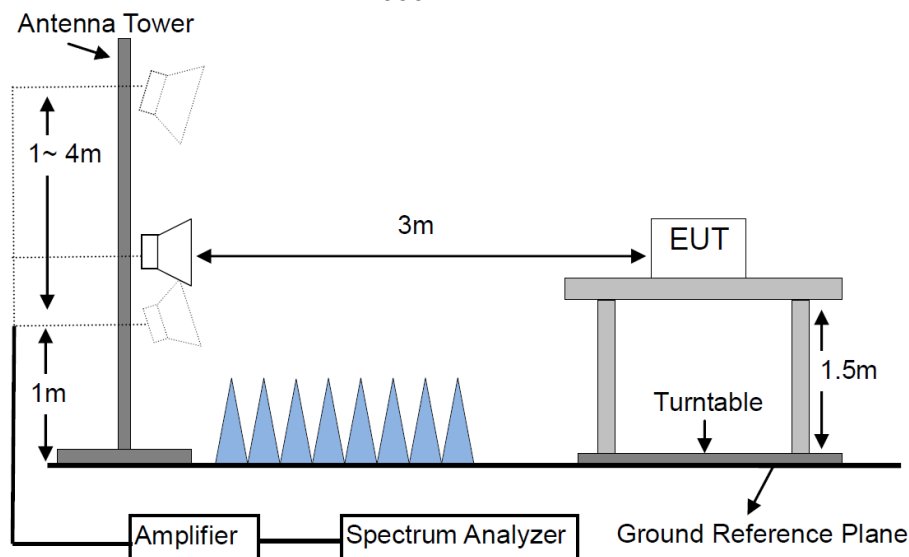
For Radiated Emission below 30MHz



For Radiated Emission 30-1000MHz



For Radiated Emission Above 1000MHz.



TEST PROCEDURES

- a. Below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi- anechoic chamber room.
- b. For the radiated emission test above 1GHz:

The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter full anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- c. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to peak detect function and specified bandwidth with maximum hold mode.
- f. A Quasi-peak measurement was then made for that frequency point for below 1GHz test.
- g. For above 1GHz harmonic and fundamental emissions, the $AVG = Peak + AV \text{ Factor}$, where Peak is the measurement peak level, and AV Factor is calculated by duty cycle, details see section 13 of the report. Other Spurious point measurements are set up as shown in the following table measured.

During the radiated emission test, the spectrum analyzer was set with the following configurations:

Frequency Band (MHz)	Detector	Resolution Bandwidth	Video Bandwidth
0.009~0.15	QP & AVG	200 Hz	1 kHz
0.15~30	QP & AVG	10 kHz	30 kHz
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	3 MHz
	Average	1 MHz	10 Hz

TEST RESULTS

PASS

Please refer to the following pages.

AVG = Peak + AV Factor,

where Peak is the measurement peak level, and AV Factor is calculated by duty cycle, details see section 13 of the report.

Sample calculation, Peak=101.90dBuV/m, AV Factor= -43.10dB, then AVG=101.90+(-43.10)=58.80dBuV/m.

Note: For above 1GHz harmonic emissions, a high-pass filter was used during the test; for other emissions, high-pass filter does not use.

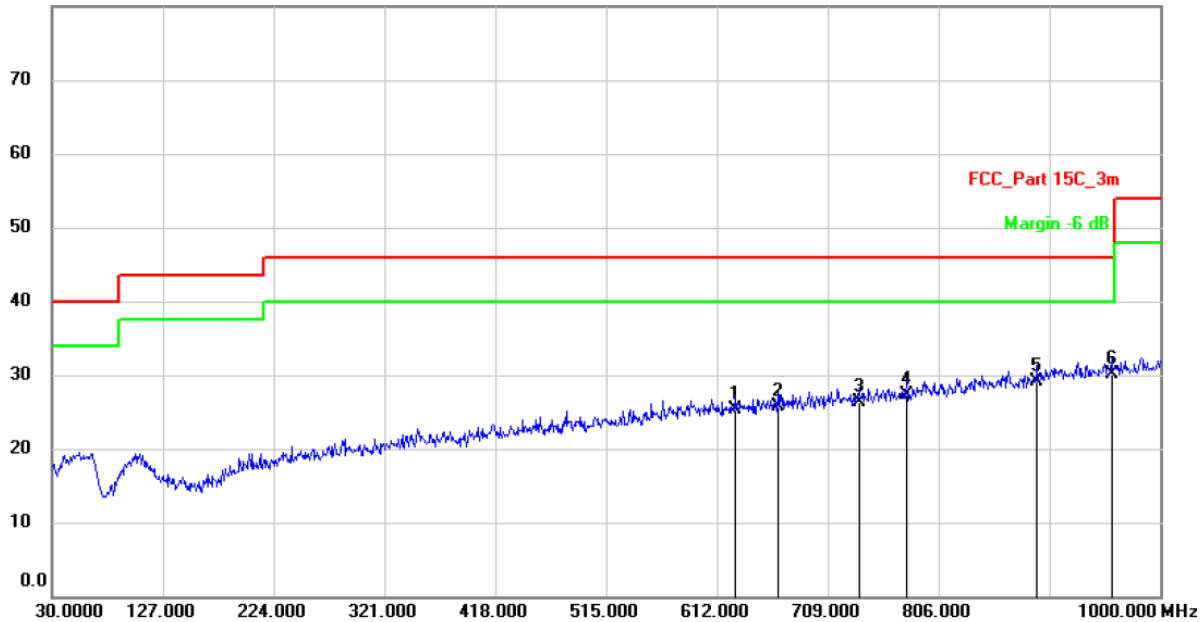
M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Horizontal	Detector: QP
Test Mode: 1	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/28

Time: 20:22:47

80.0 dBuV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		627.5200	24.30	1.00	25.30	46.00	-20.70	QP
2		665.3500	24.13	1.57	25.70	46.00	-20.30	QP
3		736.1599	23.49	2.81	26.30	46.00	-19.70	QP
4		777.8700	23.84	3.56	27.40	46.00	-18.60	QP
5		892.3300	23.49	5.71	29.20	46.00	-16.80	QP
6	*	957.3200	23.90	6.30	30.20	46.00	-15.80	QP

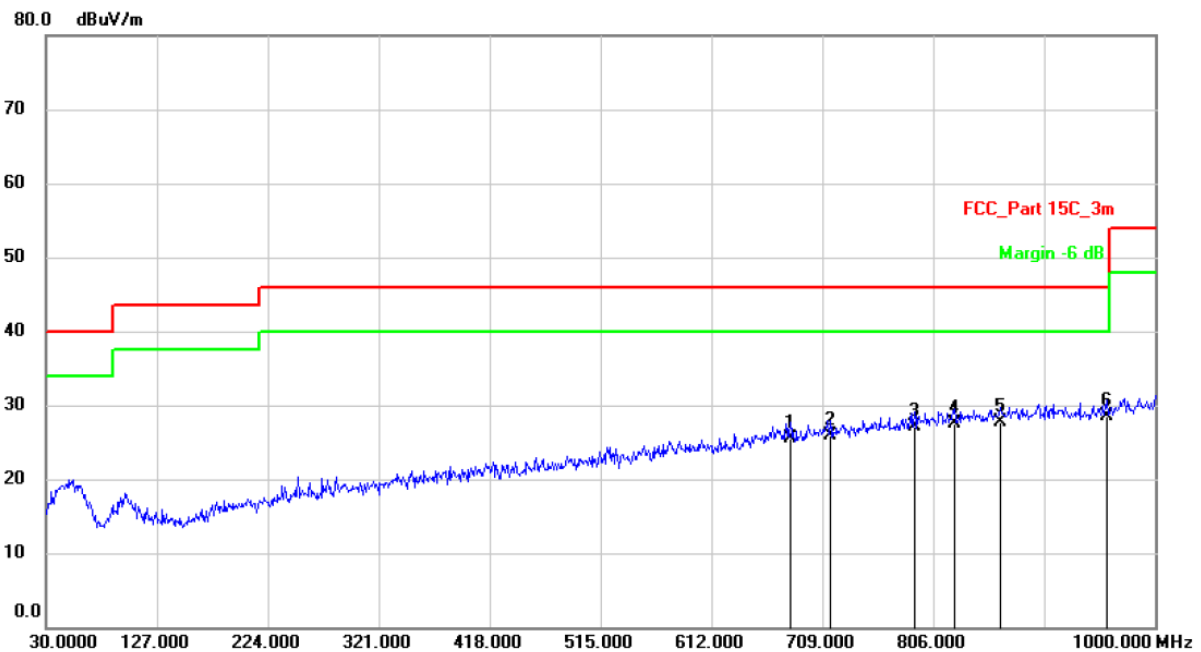
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Vertical	Detector: QP
Test Mode: 1	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/28

Time: 20:15:14



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		680.8700	23.76	1.84	25.60	46.00	-20.40	QP	
2		715.7900	23.43	2.47	25.90	46.00	-20.10	QP	
3		789.5100	23.34	3.76	27.10	46.00	-18.90	QP	
4		824.4300	23.10	4.40	27.50	46.00	-18.50	QP	
5		865.1700	22.81	4.89	27.70	46.00	-18.30	QP	
6	*	958.2900	23.48	5.12	28.60	46.00	-17.40	QP	

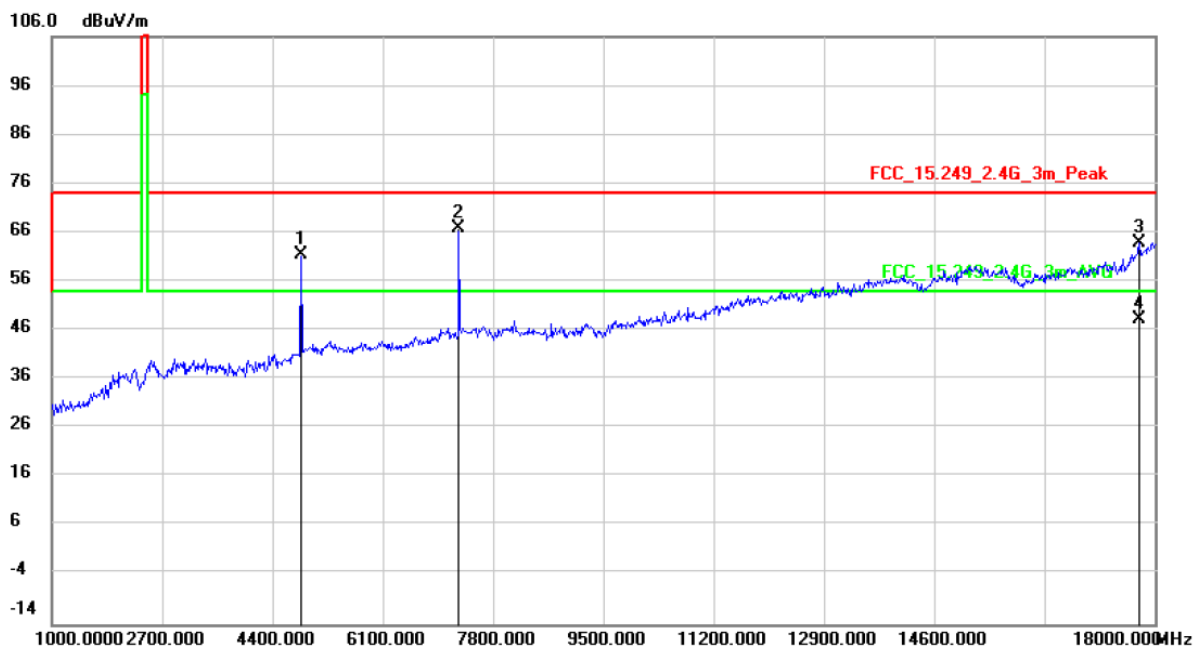
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Horizontal	Detector: Peak
Test Mode: 1	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/28

Time: 19:20:05



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4838.000	55.14	6.44	61.58	74.00	-12.42	peak
2		7257.000	56.21	10.52	66.73	74.00	-7.27	peak
3		17762.000	38.92	24.88	63.80	74.00	-10.20	peak
4	*	17762.000	23.46	24.88	48.34	54.00	-5.66	AVG

For harmonic AVG:

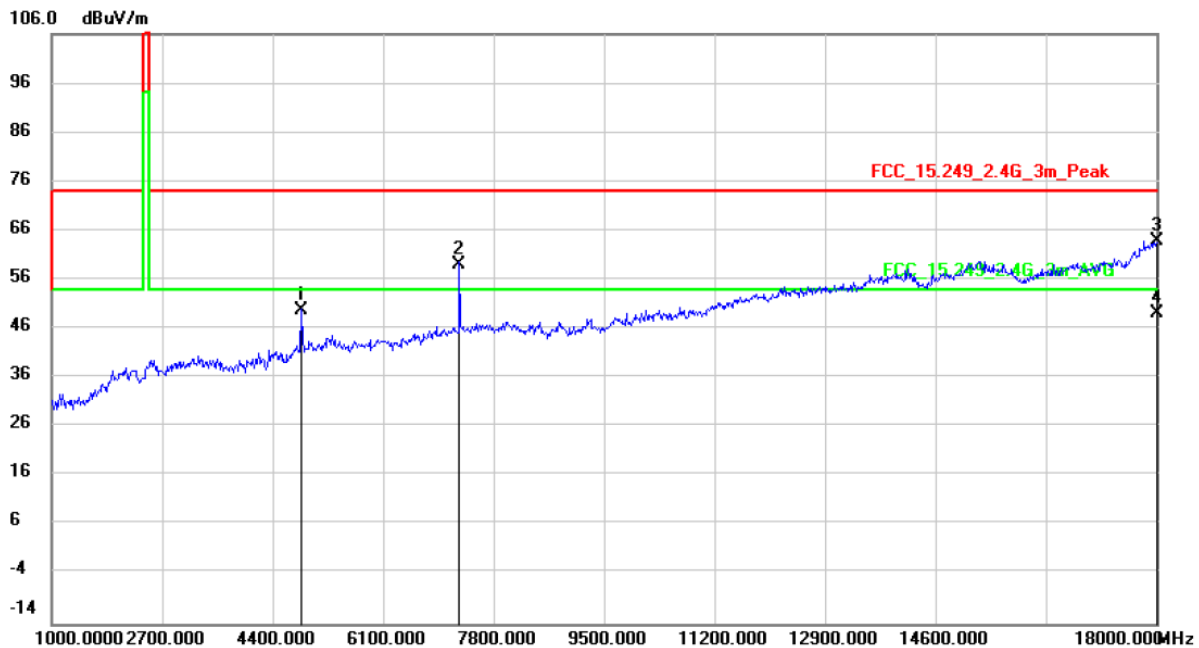
Frequency (MHz)	Peak (dBuV/m)	AV Factor	AVG (dBuV/m)	Limit (dBuV/m)
4838.000	61.58	-43.10	18.48	54.00
7257.000	66.73	-43.10	23.63	54.00

M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Vertical	Detector: Peak
Test Mode: 1	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/28

Time: 19:27:04



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		4838.000	43.22	6.44	49.66	74.00	-24.34	peak
2		7257.000	48.61	10.52	59.13	74.00	-14.87	peak
3		18000.000	37.21	26.52	63.73	74.00	-10.27	peak
4	*	18000.000	22.55	26.52	49.07	54.00	-4.93	AVG

For harmonic AVG:

Frequency (MHz)	Peak (dBuV/m)	AV Factor	AVG (dBuV/m)	Limit (dBuV/m)
4838.000	49.66	-43.10	6.56	54.00
7257.000	59.13	-43.10	16.03	54.00

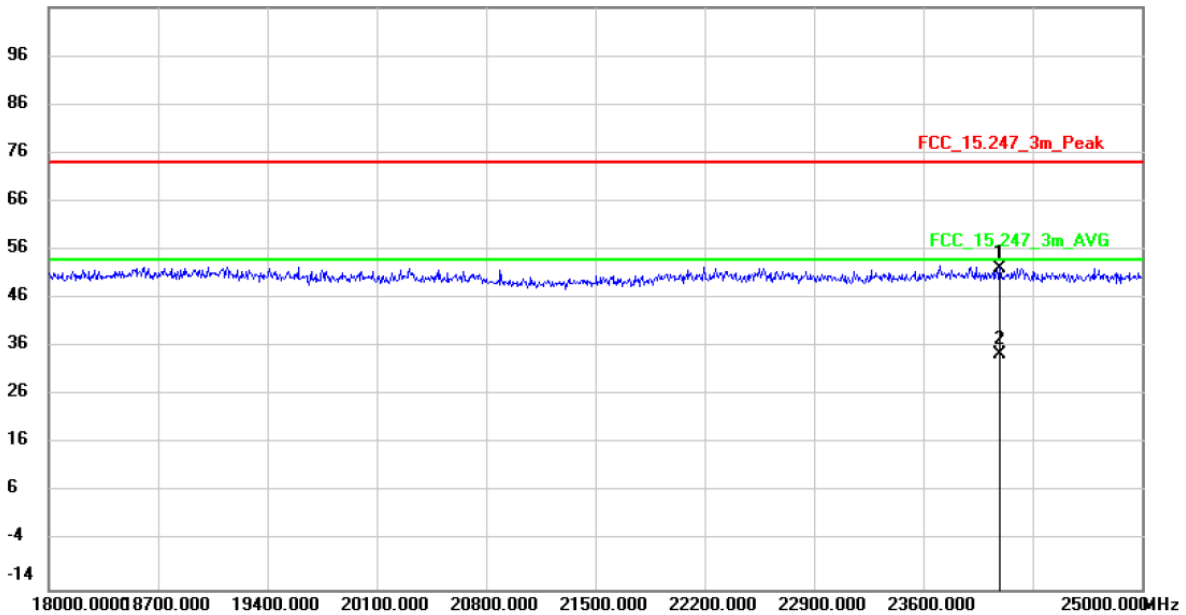
M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Horizontal	Detector: Peak
Test Mode: 1	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/28

Time: 19:51:45

106.0 dBuV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		24090.000	46.66	5.48	52.14	74.00	-21.86	peak	
2	*	24090.000	28.85	5.48	34.33	54.00	-19.67	AVG	

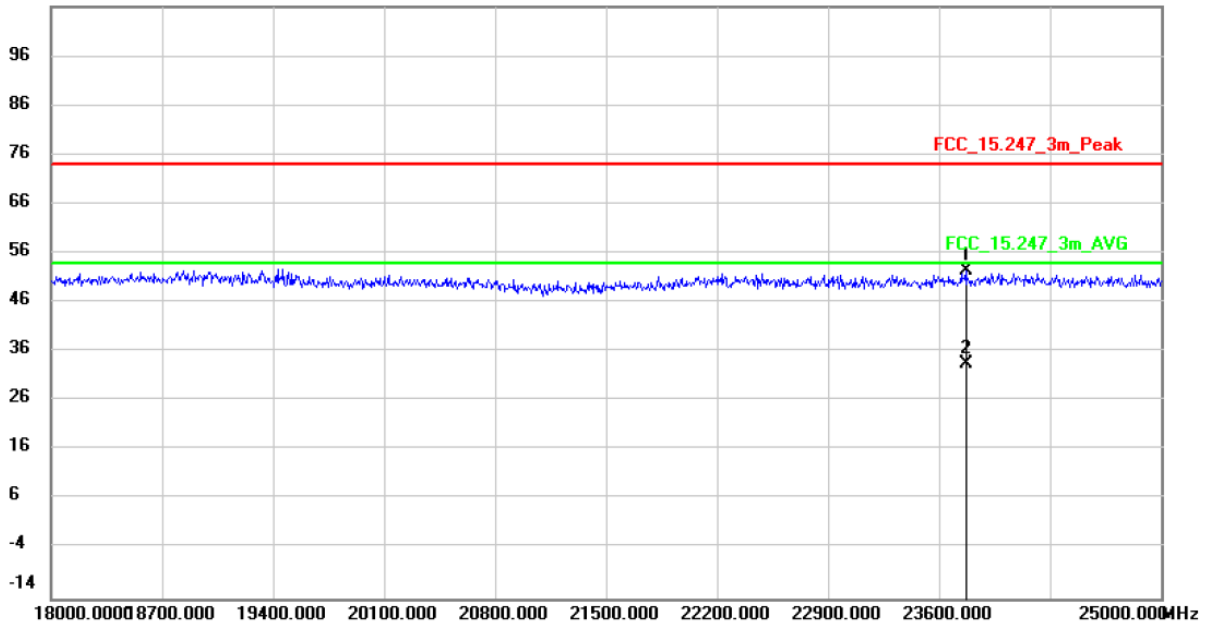
M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Vertical	Detector: Peak
Test Mode: 1	Distance: 3m

Radiated Emission Measurement

Date: 2026/4/28

Time: 19:59:18

106.0 dBuV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector Comment
1		23768.000	47.09	5.29	52.38	74.00	-21.62	peak
2	*	23768.000	28.14	5.29	33.43	54.00	-20.57	AVG

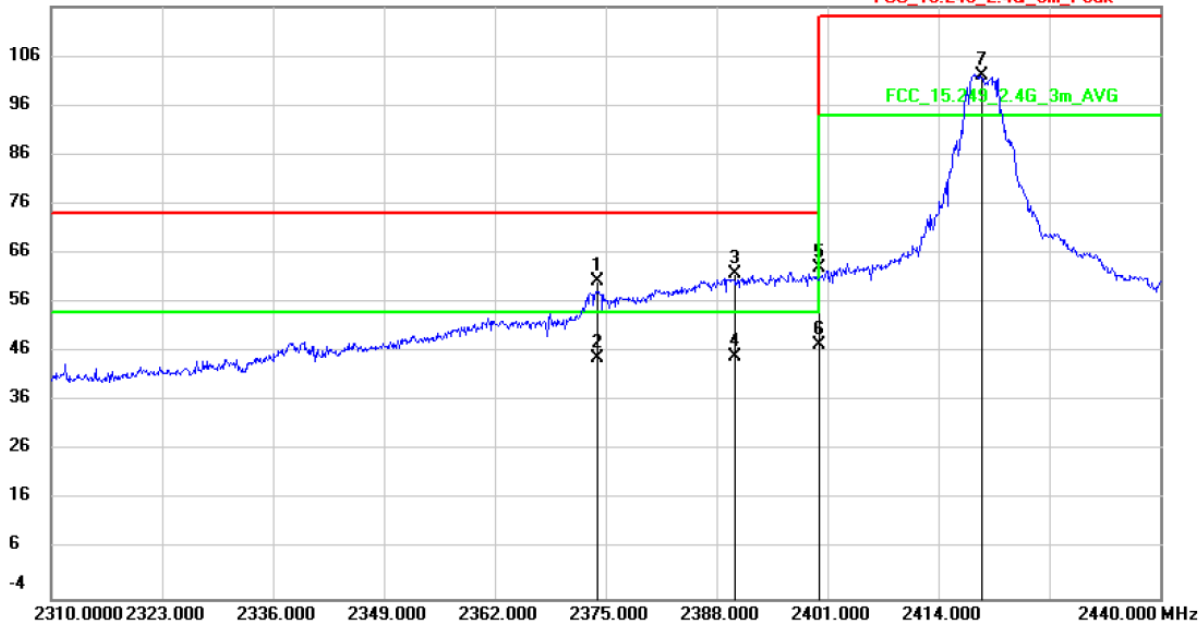
M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Horizontal	Detector: Peak
Test Mode: 1 (Band edge and Fundamental emissions)	Distance: 3m

Radiated Emission Measurement

Date: 2026/8/20

Time: 19:31:52

116.0 dBuV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2374.090	63.37	-2.99	60.38	74.00	-13.62	peak	
2		2374.090	47.67	-2.99	44.68	54.00	-9.32	AVG	
3		2390.000	64.79	-2.98	61.81	74.00	-12.19	peak	
4		2390.000	48.05	-2.98	45.07	54.00	-8.93	AVG	
5		2399.900	66.04	-2.96	63.08	74.00	-10.92	peak	
6	*	2399.900	50.32	-2.96	47.36	54.00	-6.64	AVG	
7		2419.000	104.83	-2.93	101.90	114.00	-12.10	peak	

For fundamental AVG:

Frequency (MHz)	Peak (dBuV/m)	AV Factor	AVG (dBuV/m)	Limit (dBuV/m)
2419.000	101.90	-43.10	58.80	94.00

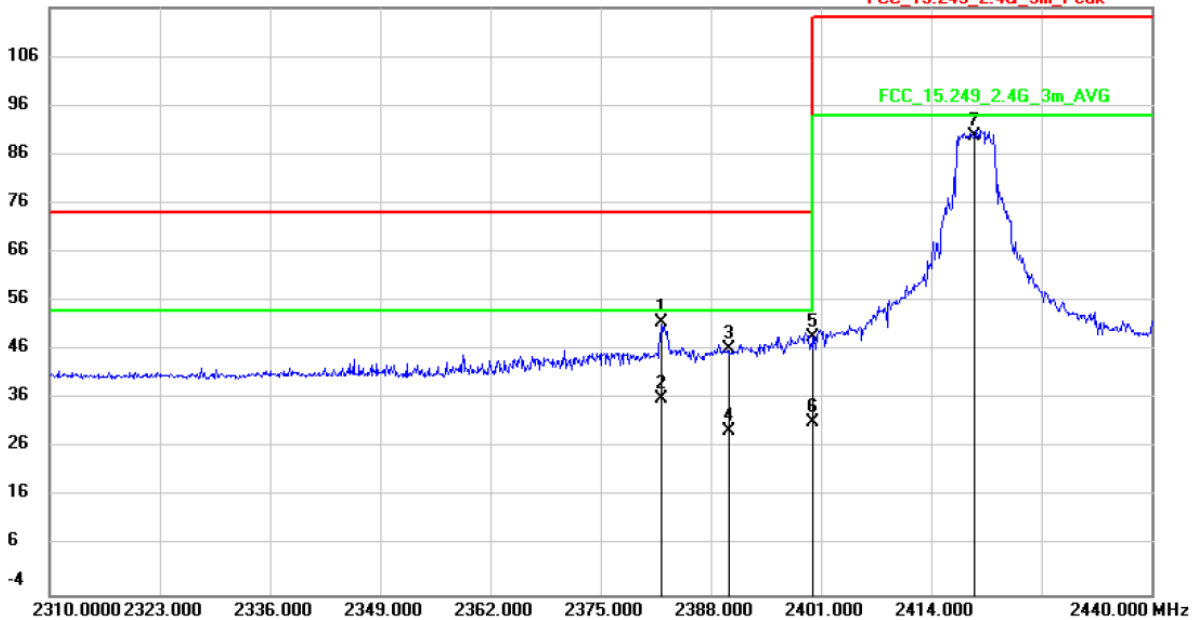
M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Vertical	Detector: Peak
Test Mode: 1 (Band edge and Fundamental emissions)	Distance: 3m

Radiated Emission Measurement

Date: 2026/8/20

Time: 19:43:50

116.0 dBuV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
1		2382.150	54.65	-2.99	51.66	74.00	-22.34	peak	
2	*	2382.150	38.94	-2.99	35.95	54.00	-18.05	AVG	
3		2390.000	49.22	-2.98	46.24	74.00	-27.76	peak	
4		2390.000	32.56	-2.98	29.58	54.00	-24.42	AVG	
5		2399.900	51.56	-2.96	48.60	74.00	-25.40	peak	
6		2399.900	34.21	-2.96	31.25	54.00	-22.75	AVG	
7		2419.000	92.75	-2.93	89.82	114.00	-24.18	peak	

For fundamental AVG:

Frequency (MHz)	Peak (dBuV/m)	AV Factor	AVG (dBuV/m)	Limit (dBuV/m)
2419.000	89.82	-43.10	46.72	94.00

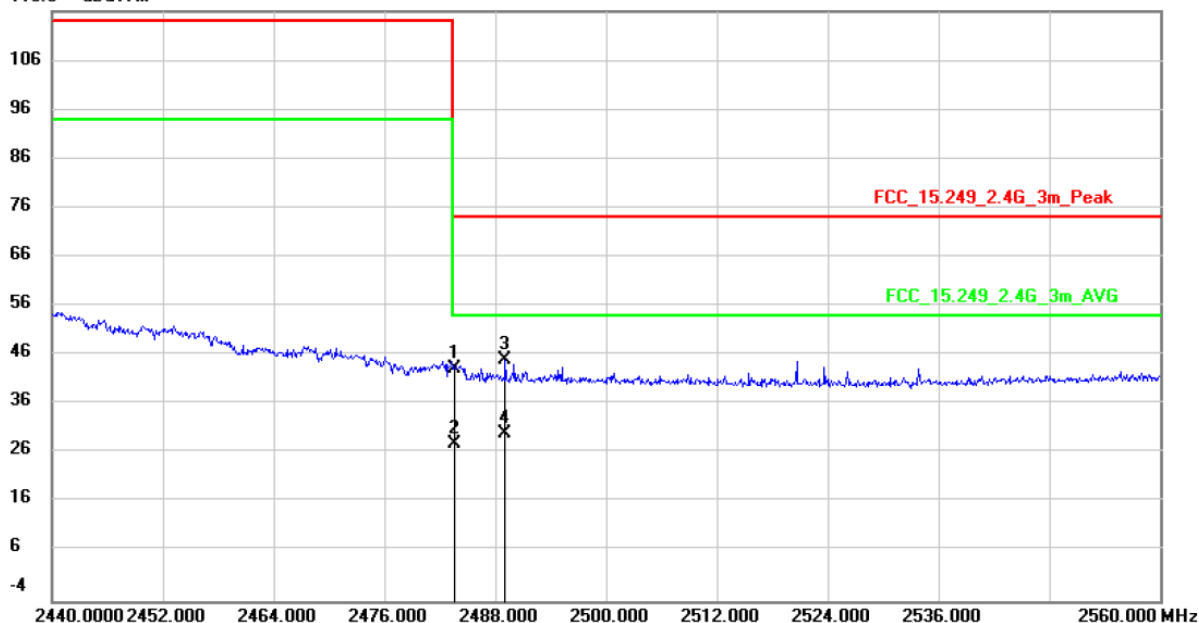
M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Horizontal	Detector: Peak
Test Mode: 1 (Band edge and Fundamental emissions)	Distance: 3m

Radiated Emission Measurement

Date: 2026/8/20

Time: 20:07:23

116.0 dBuV/m



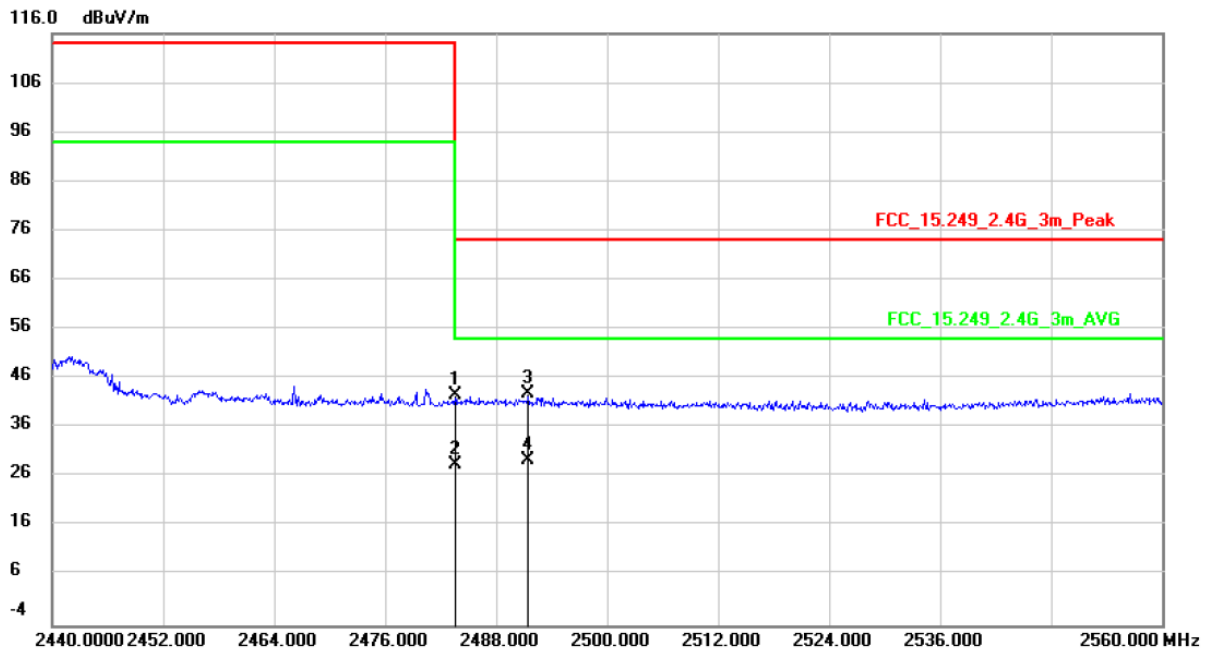
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	45.98	-2.84	43.14	74.00	-30.86	peak	
2		2483.500	30.88	-2.84	28.04	54.00	-25.96	AVG	
3		2489.080	47.93	-2.83	45.10	74.00	-28.90	peak	
4	*	2489.080	32.76	-2.83	29.93	54.00	-24.07	AVG	

M/N: 01-00251	Testing Voltage: DC 3V
Polarization: Vertical	Detector: Peak
Test Mode: 1 (Band edge and Fundamental emissions)	Distance: 3m

Radiated Emission Measurement

Date: 2026/8/20

Time: 20:31:41



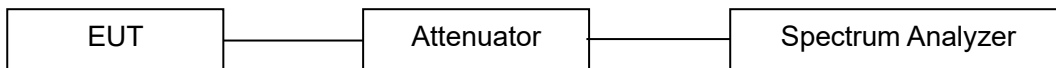
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		2483.500	45.38	-2.84	42.54	74.00	-31.46	peak	
2		2483.500	31.48	-2.84	28.64	54.00	-25.36	AVG	
3		2491.480	45.86	-2.82	43.04	74.00	-30.96	peak	
4	*	2491.480	32.39	-2.82	29.57	54.00	-24.43	AVG	

14.3 20dB Bandwidth Measurement

LIMITS

There is no limit.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

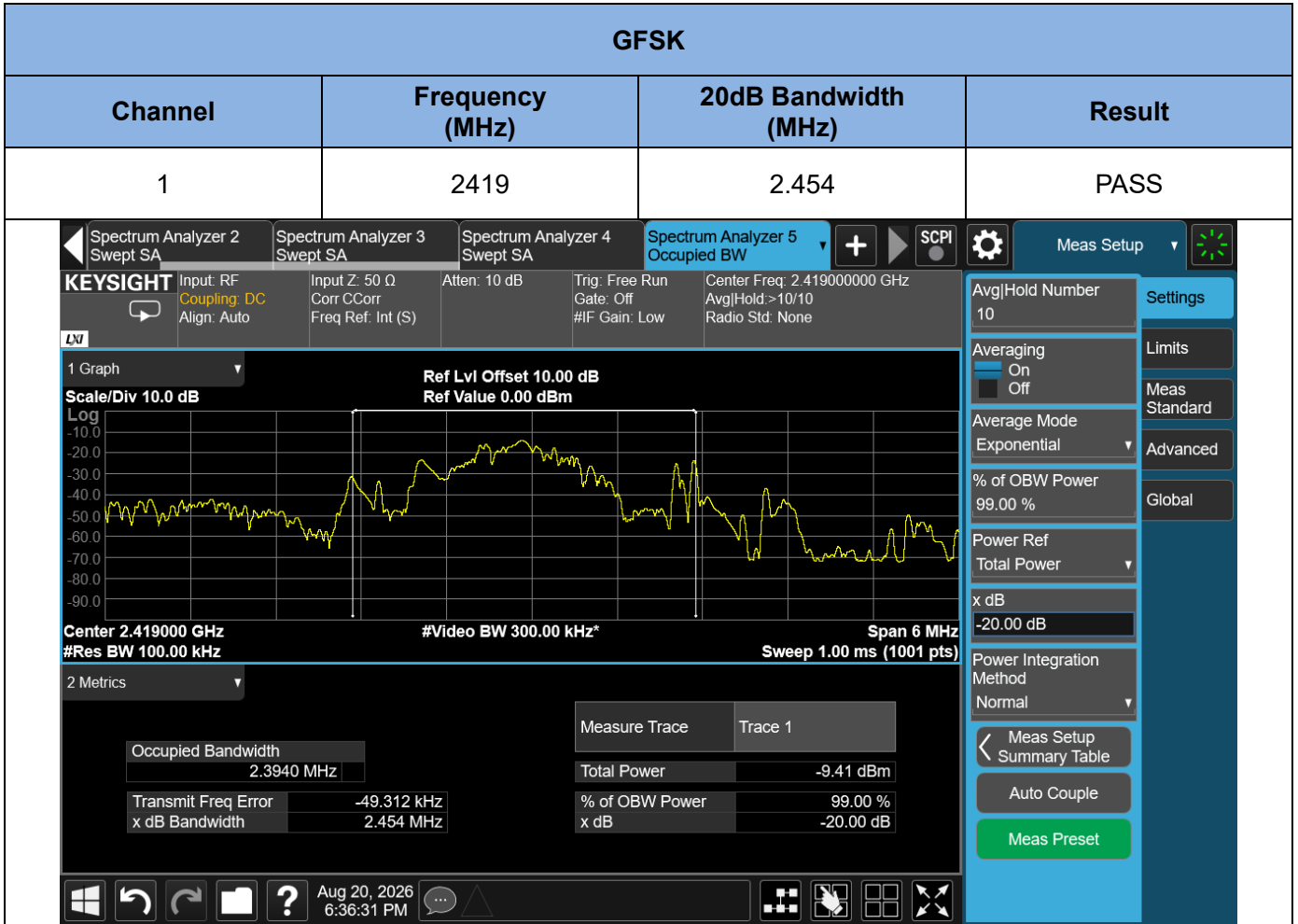
The 20dB bandwidth of the emission was contained within the frequency band designated which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over excepted variations in temperature and supply voltage were considered, FCC Rule 15.215(c):

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RBW was chosen so that the display was a result of the hopping channel modulation. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. Use the spectrum 20dB down delta function to measure the bandwidth.

TEST RESULTS

PASS

Please refer to the following table.



14.4 Antenna Requirement

STANDARD APPLICABLE

According to of FCC part 15C section 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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

ANTENNA CONNECTED CONSTRUCTION

The antenna is PCB antenna that no antenna other than furnished by the responsible party shall be used with the device, and the best case gain of the antenna is -3.91 dBi, Therefore, the antenna is considered meet the requirement.

15. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI	101152	Aug. 21, 2025	1 Year
2.	L.I.S.N	Rohde & Schwarz	ENV 216	101317	Aug. 21, 2025	1 Year
3.	L.I.S.N	Schwarzbeck	NNLK8129	00558	Aug. 23, 2025	1 Year
4.	RF Switching Unit	Compliance Direction Systems Inc.	RSU-M2	38311	Aug. 21, 2025	1 Year
5.	Test Receiver	Rohde & Schwarz	ESCI7	100837	Aug. 21, 2025	1 Year
6.	Spectrum Analyzer	Keysight	N9020A	MY50510314	Aug. 21, 2025	1 Year
7.	Spectrum Analyzer	Keysight	N9020A	MY54200831	Aug. 22, 2025	1 Year
8.	Spectrum Analyzer	Keysight	N9010B	MY62170254	Aug. 21, 2025	1 Year
9.	Antenna	Schwarzbeck	VULB9163	01552	Aug. 16, 2025	2 Year
10.	Loop Antenna	Schwarzbeck	FMZB 1513	1513-272	Aug. 16, 2025	2 Year
11.	Horn Antenna	COM-Power	AH-118	071078	Aug. 16, 2025	2 Year
12.	Pre-Amplifier	HP	HP 8447D	1145A00203	Aug. 21, 2025	1 Year
13.	Pre-Amplifier	HP	HP 8449B	3008A00964	Aug. 23, 2025	1 Year
14.	Communication Tester	Rohde & Schwarz	CMW500	109851	Aug. 28, 2025	1 Year
15.	Power Sensor	DARE	RPR3006W	15I00041SNO 64	Aug. 28, 2025	1 Year
16.	Horn Antenna	COM-Power	AH-840	10100020	Aug. 28, 2025	2 Year
17.	Temperature & Humidity Chamber	Wanshun	SS-HWHS-80	N/A	Aug. 09, 2025 Aug. 08, 2026	1 Year
18.	DC Source	ZHAOXIN	KXN305D	N/A	Aug. 23, 2025	1 Year
19.	Temporary antenna connector	TESCOM	SS402	N/A	N/A	N/A
20.	Chamber	YIHENG	9*6*6m	N/A	Sep. 22, 2025	2 Year
21.	High frequency filter	Micro-Tronics	HPM50112	N/A	N/A	N/A
22.	Test Software	MWRF	MTS 8310, V2.0.0.0	N/A	N/A	N/A
23.	Test Software	EZ	EZ EMC, NTC-3A1.1	N/A	N/A	N/A
23.	3M RF Cable	Huber+Suhner	SF-104	My16559/4	Aug.21, 2025	1 Year

24.	2M RF Cable	Huber+Suhner	CBL3-NN-2M	21420001	Aug.22, 2025	1 Year
25.	1.5M RF Cable	Huber+Suhner	RG223U	533110WP	Aug.22, 2025	1 Year
26.	3M RF Cable	COM-MW	DCA9-NM3000 NM5.2-1473	N/A	Aug.21, 2025	1 Year
27.	9M RF Cable	COM-MW	DCA9-NM9000 NM7.9-1836	N/A	Aug.21, 2025	1 Year

Note: For photographs of EUT and measurement, please refer to appendix in separate documents.

---End---