

Test Report

Verified code: 036792

Report No.: E20260225546901-3EN

Customer: Lumi United Technology Co., Ltd.

Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue,
Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen

Sample Name: Light Switch H2 JP

Sample Model: WS-K31D

Receive Sample Date: Feb.25,2026

Test Date: Mar.02,2026 ~ Apr.30,2026

Reference Document: ARIB STD-T66 Ver.3.8
MIC Article 2 Paragraph 1 Item 19

Test Result: Pass

Prepared by: Wen Wenwen
Wen Wenwen

Reviewed by: Jiang Tao
Jiang Tao

Approved by: Xiao Liang
Xiao Liang

GRG METROLOGY & TEST GROUP CO., LTD.

Issued Date: 2026-05-09

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6.7.2 CONFIRMATION METHOD 39

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM 40

APPENDIX B: PHOTOGRAPH OF THE EUT 40

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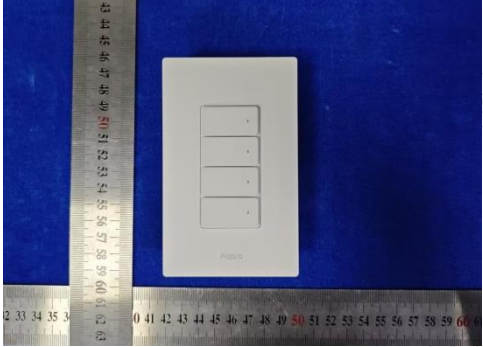
REPORT ISSUED HISTORY

Report Version	Report No.	Description	Compile Date
1.0	E20260225546901-3EN	Original Issue	2026-04-30

Note: The EUT have two models, the model difference as below: We, Lumi United Technology Co., Ltd., hereby declare that the Light Switch H2 JP, with model numbers WS-K30D and WS-K31D, share essentially identical technical structure, circuit diagrams, and printed circuit board layout. Both products have identical hardware and software versions.

The only difference between the two models is the number of switch buttons, which results in minor variations in certain components.

The aforementioned differences do not affect the radio frequency performance or parameters of the products.

Model	WS-K30D	WS-K31D
		

After evaluated, the test model is WS-K31D.

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1. TEST RESULT SUMMARY

ARIB STD-T66 Ver.3.8		
MIC Article 2 Paragraph 1 Item 19		
Standard Section	Test Type	Test Result
Article 5	Frequency Error	PASS
Article 6	Occupied Bandwidth	PASS
Article 7	Unwanted Emissions Intensity	PASS
Article 49.20(1);e Article 14	Antenna Power and Antenna Power Tolerance	PASS
Article 24	Limitation of Collateral Emission of Receiver	PASS
Article 9.4, Article 6.2	Radio Interference Prevention Capability	Good
Article 49.20(1);a	Construction Protection Confirmation Method	PASS
Article 49.20(1);e	Transmission Antenna Gain(EIRP Antenna Power)	N/A ¹
Article 49.20(1);f	Transmission Radiation Angle Width(3dB Beamwidth)	N/A ¹

Note: 1. Not applicable, because the EIRP power less than 12.14dBm/MHz.

2. The test method is referred to MIC Notification No.88 Appendix No.43.

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2. GENERAL DESCRIPTION OF EUT

2.1 APPLICANT

Name: Lumi United Technology Co., Ltd.
Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen

2.2 MANUFACTURER

Name: Lumi United Technology Co., Ltd.
Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen

2.3 BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

Product Name: Light Switch H2 JP
Product Model: WS-K31D
Addition model: WS-K30D
Difference descriptions: Refer to page 5
Trade Name: Aqara
Electrical Rating: AC 100-240V, 50/60 Hz, Max 10A (Resistive Load or Incandescent)
Frequency Band: Thread: 2405MHz-2480MHz
Modulation Type: O-QPSK
Antenna Type: Internal antenna
Antenna Gain: 0dBi (Max.)
Conducted Antenna Power: 5.02mW
Rated Power: 5.02mW
Sample submitting way: ☒ Provided by customer ☐ Sampling
Temperature Range: 0 °C ~ +40 °C
Hardware Version: 1.0.0
Software Version: 1.1.1.4
Sample No: E20260225546901-0001

Note: The EUT antenna gain is provided by the applicant. This report is made solely on the basis of such data and/or information. We accept no responsibility for the authenticity and completeness of the above data and information and the validity of the results and/or conclusions.

2.4 TEST OPERATION MODE

Mode No.	Description of the modes
1	Thread fixed frequency transmitting
2	Thread receiving
3	Thread normal mode

2.5 FREQUENCY BAND AND THE TEST FREQUENCY

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*11	2405	19	2445
12	2410	20	2450
13	2415	21	2455
14	2420	22	2460
15	2425	23	2465
16	2430	24	2470
17	2435	25	2475
*18	2440	*26	2480

* is the test frequency

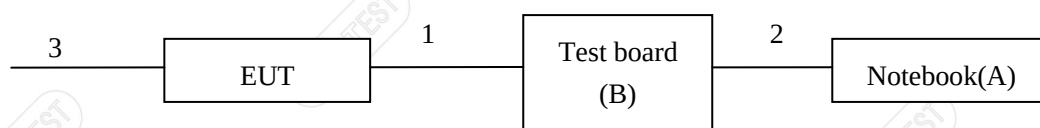
2.6 LOCAL SUPPORTIVE

No.	Name of Equipment	Manufacturer	Model	Serial Number
A	Notebook	DELL	Latitude3420	4KBCGL3
B	Test board	/	/	/

No.	Cable Type	Qty.	Shielded Type	Ferrite Core(Qty.)	Length
1	Serial cable	1	No	0	0.2m
2	USB cable	1	No	0	0.5m
3	AC cable	1	No	0	2.0m

Note: The notebook is just used to produce fixed frequency transmitting.

2.7 CONFIGURATION OF SYSTEM UNDER TEST



Test software:

Software version	Test level
QCOM_V1.6	80

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3. LABORATORY AND MEASUREMENT UNCERTAINTY

3.1 LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of GRG METROLOGY & TEST GROUP CO., LTD.

Address: No.1301 Guangang Road Xinlan Community, Guanlan Street, Longhua District
Shenzhen, 518110, People's Republic of China.

P.C.: 518110

Tel : 0755-61180008

Fax: 0755-61180008

3.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in ETSI EN TR 100 028-1 (i.15) and ETSI EN 100 028-2 (i 8):

Measurement	Uncertainty
RF frequency	6.00×10^{-6}
RF power conducted	0.78dB
Occupied channel bandwidth	0.40%
Unwanted emission, conducted	0.68dB
Humidity	6%
Temperature	2°C

This uncertainty represents an expanded uncertainty expressed at approximately the 95%.

This uncertainty represents an expanded uncertainty factor of $k=2$.

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4. LIST OF USED TEST EQUIPMENT AT GRGT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Agency	Calibration Due
Spectrum Analyzer	R&S	FSVA3044	101088	GRGTEST	2027-01-19
Automatic power measuring unit	TONSCEND	JS0806-2	2018060365	GRGTEST	2026-10-25
Intelligent variable frequency power supply	Ainuo	AN97010H	1812970263	GRGTEST	2026-07-16
BT/WIFI System	TONSCEND	JS1120-V3.5.39	/	/	/

Note:

- 1) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 24-2, Paragraph 4 of the Radio Act, method c.
- 2) The calibration interval of the above test instruments is 12 months.
- 3) GRGTEST full name is GRG METROLOGY & TEST GROUP CO., LTD.
- 4) The calibration address is No. 1301, Guanguang Road , Xinlan Community, Guanlan Street , Longhua District, Shenzhen, China.

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5. TEST METHODOLOGY& CONDITIONS

AC input (V)	DC output in modulation circuit (V)	voltage variation
Normal voltage: 100	3.300	0.000%
Low voltage: 90	3.304	0.121%
High voltage: 110	3.305	0.152%

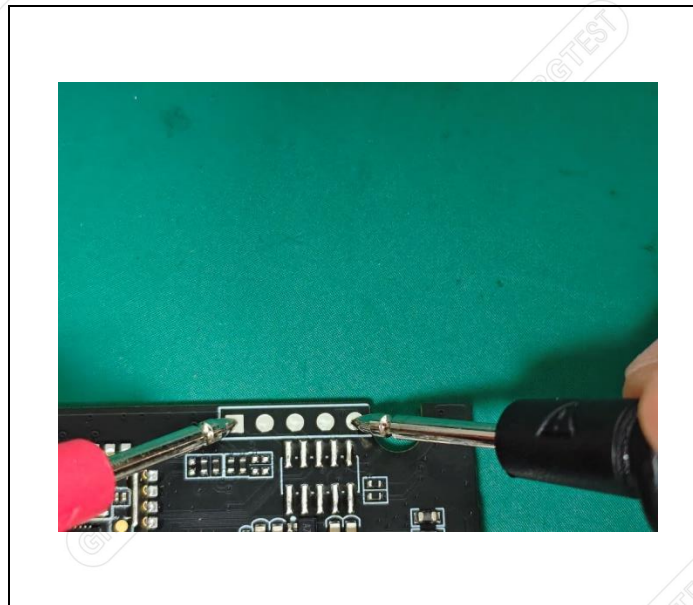
The applicant declared that the EUT input voltage is 100V. then check how much the output voltage varies at one measuring points within the radio section:

1) Measure the output voltage in the RF circuit.

a). If the voltage variation at RF circuit appears to be more than 1%, then it is mandatory to perform further testing at three voltage levels (normal voltage, low voltage and high voltage).

b). If the voltage variation at RF circuit appears to be less than 1%, then conduct further testing at normal voltage only.

According to the test result, the voltage variation at RF circuit appears to be less than 1%, so need to test at normal voltage levels only.



6. RADIO TECHNICAL REQUIREMENT SPECIFICATION

6.1 FREQUENCY ERROR

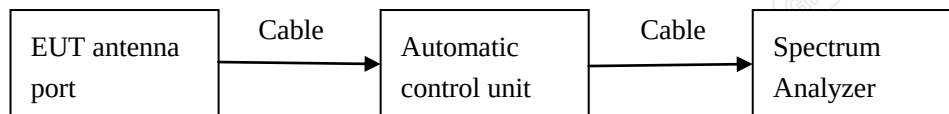
6.1.1 LIMIT

Item	Limits
Frequency Error	$\pm 50\text{ppm}$

6.1.2 TEST PROCEDURES

- Frequency accuracy of SA shall be less than 10% of limits tolerance (5ppm)
- Setting of SA is following as: RBW:10kHz / VBW:10kHz / SPAN: 1MHz
- Center Frequency: The center frequency of testing for EUT
- Sweep time: Auto
- Sweep mode: Continuous sweep
- Detect mode: Positive peak
- EUT have transmitted absence of modulation signal and fixed channelize. f is using the mark cursor to mark the peak frequency value, f_c is declaring of channel frequency.
- Then the frequency error formula is $(f-f_c)/f_c \times 10^6$ ppm and the limit is less than $\pm 50\text{ppm}$.

6.1.3 TEST SETUP



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6.1.4 TEST RESULTS

Test Date (yy-mm-dd): 2026-03-02

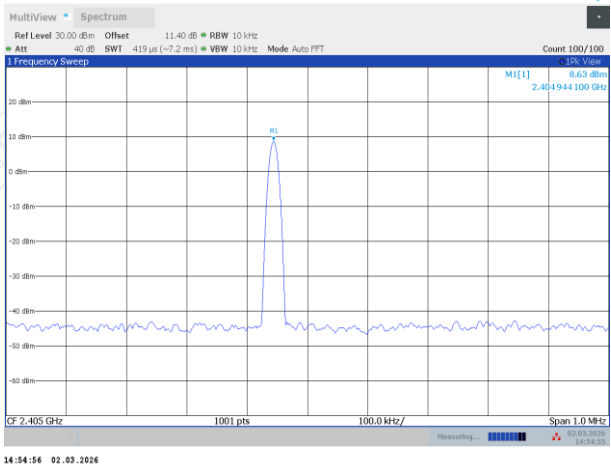
Test by: Wen wenwen

Test environment: Normal voltage(AC 100V/50Hz)

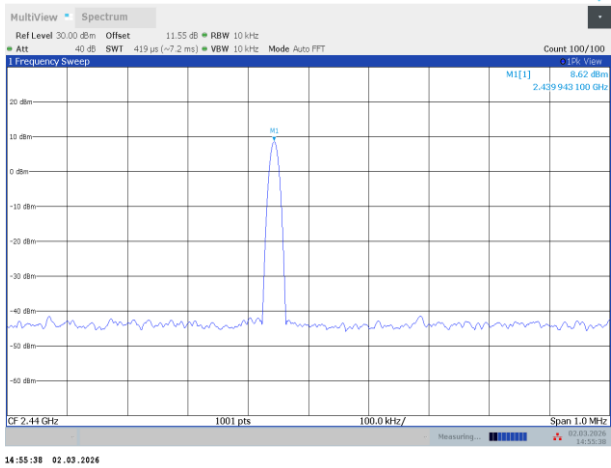
Temp: 23.4°C, Humid: 52%RH, Atmospheric Pressure: 101.0kpa

Test Condition	Frequency (MHz)	Reading (MHz)	Deviation (MHz)	Tolerance (ppm)	Tolerance (ppm) limit
NTNV	2405	2404.9441	-0.0559	-23.24324	±50
NTNV	2440	2439.9431	-0.0569	-23.31967	±50
NTNV	2480	2479.9421	-0.0579	-23.34677	±50

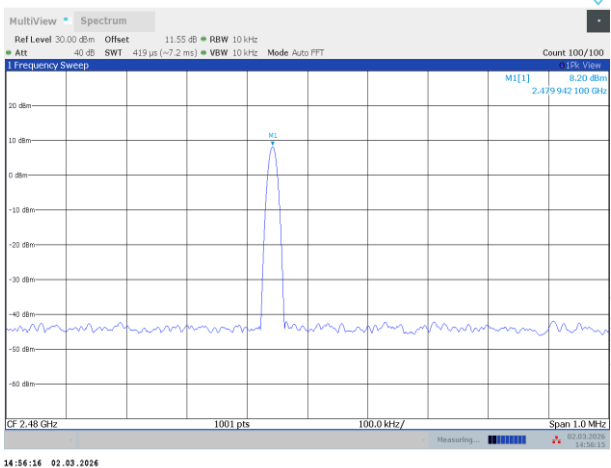
Test Plots
NTNV



2405MHz



2440MHz



2480MHz

6.2 OCCUPIED BANDWIDTH

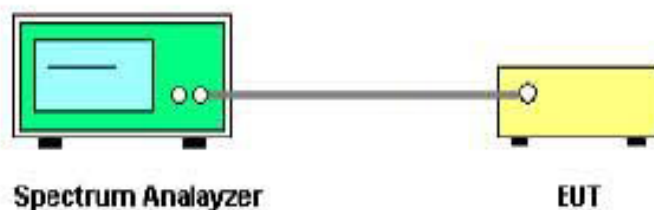
6.2.1 LIMIT

Item	Limits
Occupied Bandwidth	FHSS $\leq$ 83.5MHz; OFDM,DSSS $\leq$ 26MHz; Others $\leq$ 26MHz, 26 MHz $\leq$ HT40 $\leq$ 40 MHz

6.2.2 TEST PROCEDURES

- Setting of SA is following as: RBW: $\leq$ 3% OBW/ VBW: $\geq$ RBW / SPAN: 2~3.5 OBW / ATT: 40dB
Ref: 30dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
- EUT have transmitted the maximum modulation signal and fixed channelize (For DSSS or OFDM Device or Others Device) or continuous maximum power of hopping mode(For FHSS Device).
SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is less than 26MHz(For DSSS or OFDM Device or Others Device) or 83.5MHz(For FHSS Device).

6.2.3 TEST SETUP



6.2.4 TEST RESULTS

Test Date (yy-mm-dd): 2026-03-02

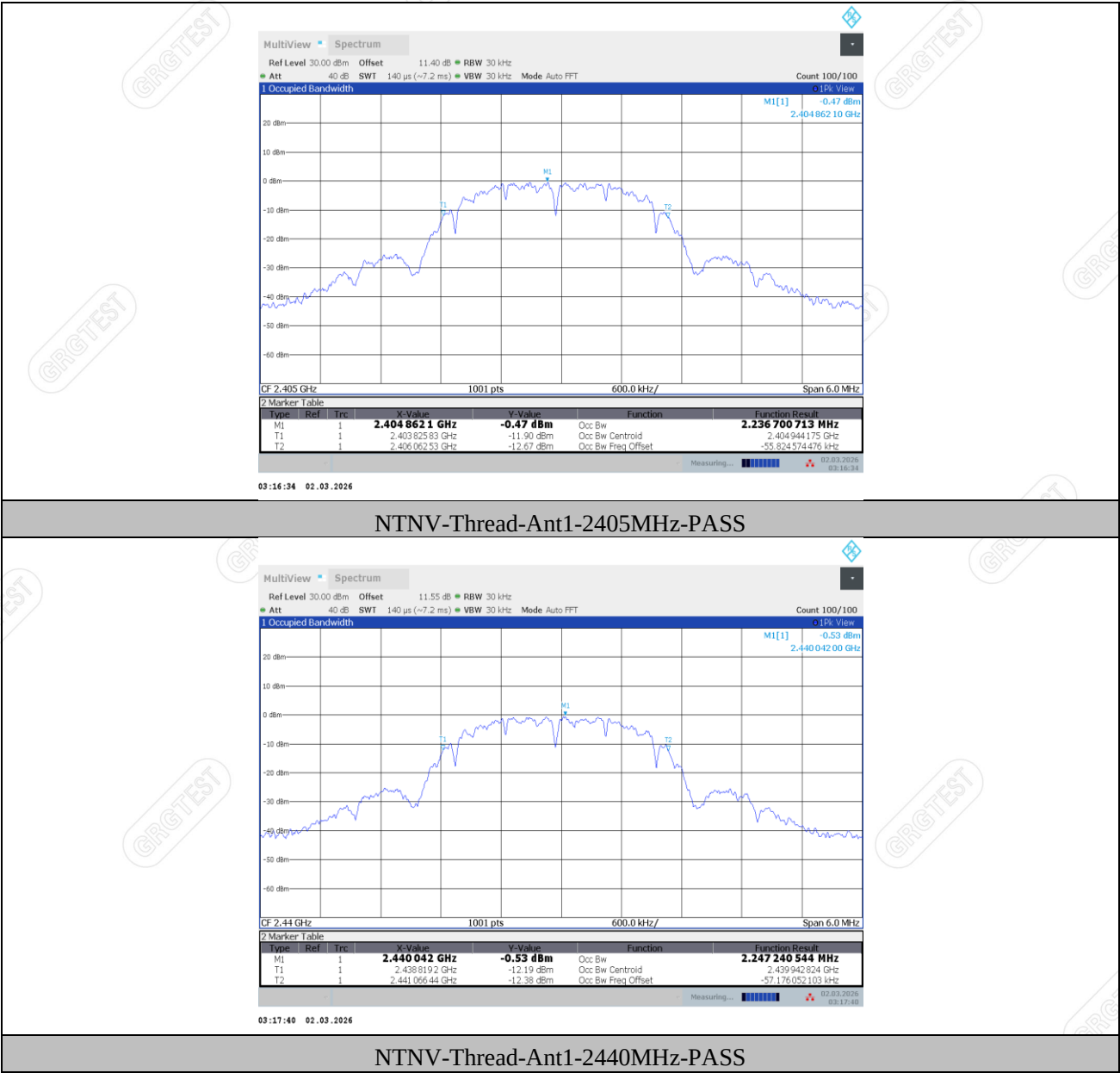
Test by: Wen Zhihao

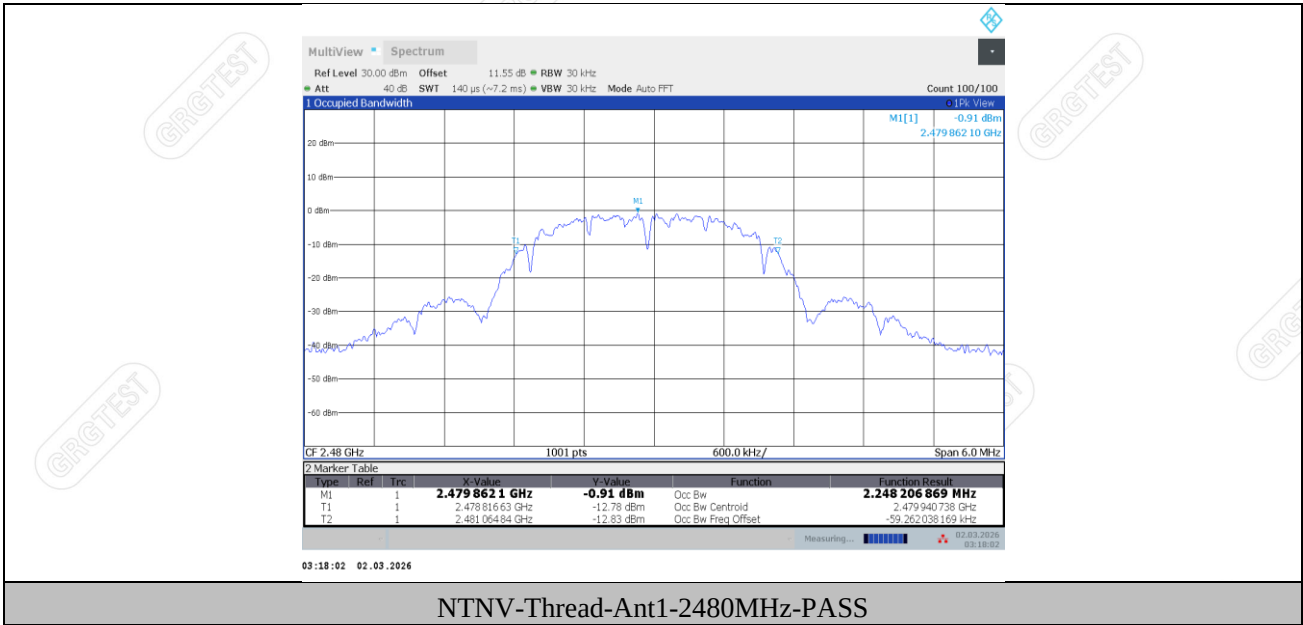
Test environment: Normal voltage(AC 100V/ 50Hz)

Temp: 23.4°C, Humid: 52%RH,
Atmospheric Pressure: 101.0kpa

Test Condition	Frequency(MHz)	Occupied Bandwidth(MHz)	Occupied Bandwidth Limit (MHz)	Verdict
NTNV	2405	2.237	$\leq$ 26	PASS
NTNV	2440	2.247	$\leq$ 26	PASS
NTNV	2480	2.248	$\leq$ 26	PASS

Test Plots





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6.3 ANTENNA POWER AND ANTENNA POWER TOLERANCE

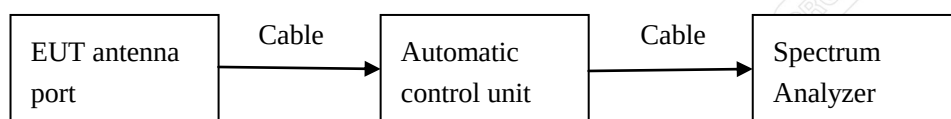
6.3.1 LIMIT

Item	Limits
Antenna Power	$\leq 3\text{mW/MHz}$ (FHSS 2427~2470.75 MHz) $\leq 5\text{mW/MHz}$ (OFDM,DSSS 2400~2483.5MHz) $\leq 10\text{mW/MHz}$ (OFDM,DSSS 2400~2483.5MHz) $\leq 10\text{mW}$ (Other modulation method 2400~2483.5MHz)
Antenna Power tolerance	+20% (Base on manufacturer declare antenna power)

6.3.2 TEST PROCEDURES

- EUT turn to test frequency channel and fixed channelize to keep continuous transmitting (For DSSS ,OFDM Device or Other modulation method Device) or continuous maximum power of hopping mode (For FHSS Device).
- Set spectrum analyzer RBW>OBW, VBW $\geq$ RBW.
- Reading the output power from the spectrum analyzer.

6.3.3 TEST SETUP



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6.3.4 TEST RESULTS

Test Date (yy-mm-dd): 2026-03-02 ~ 2026-04-30

Test by: Wen Zhihao

Test environment: Normal voltage(AC 100V/50Hz)

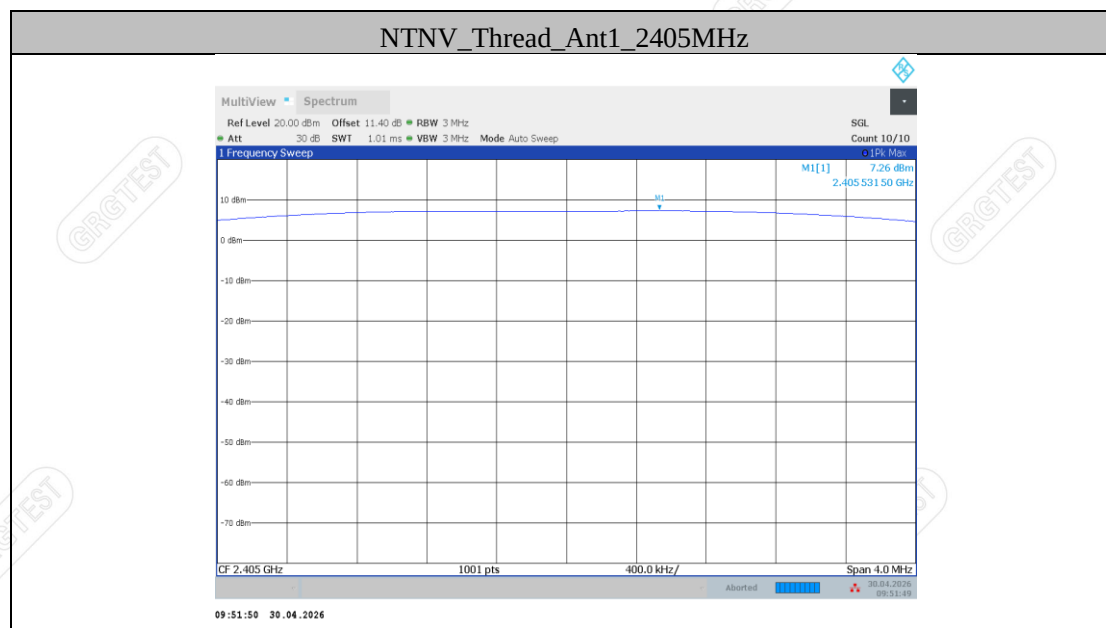
Temp: 23.4~24.6°C, Humid: 52~54%RH, Atmospheric Pressure: 101.0~101.0kpa

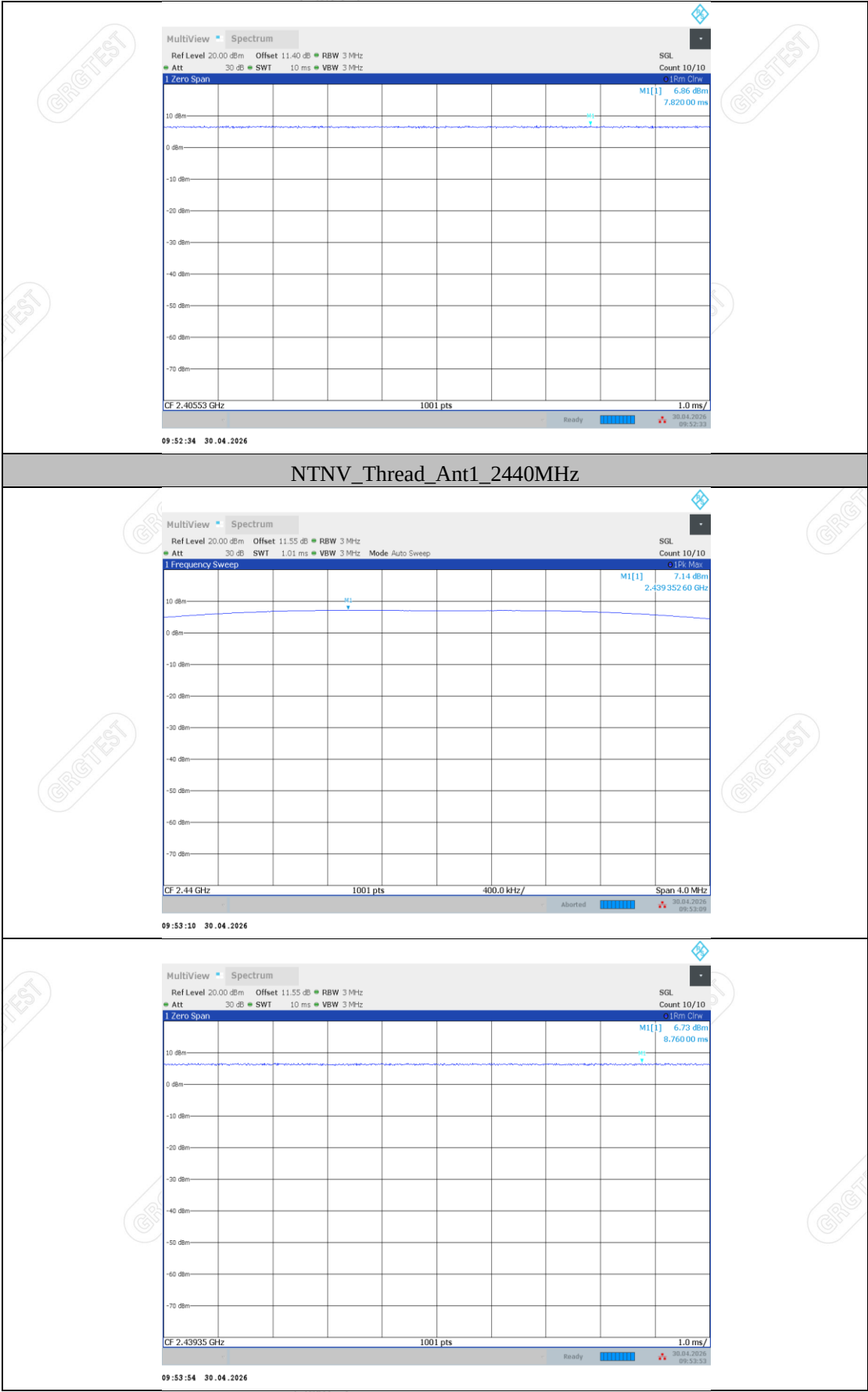
NTNV

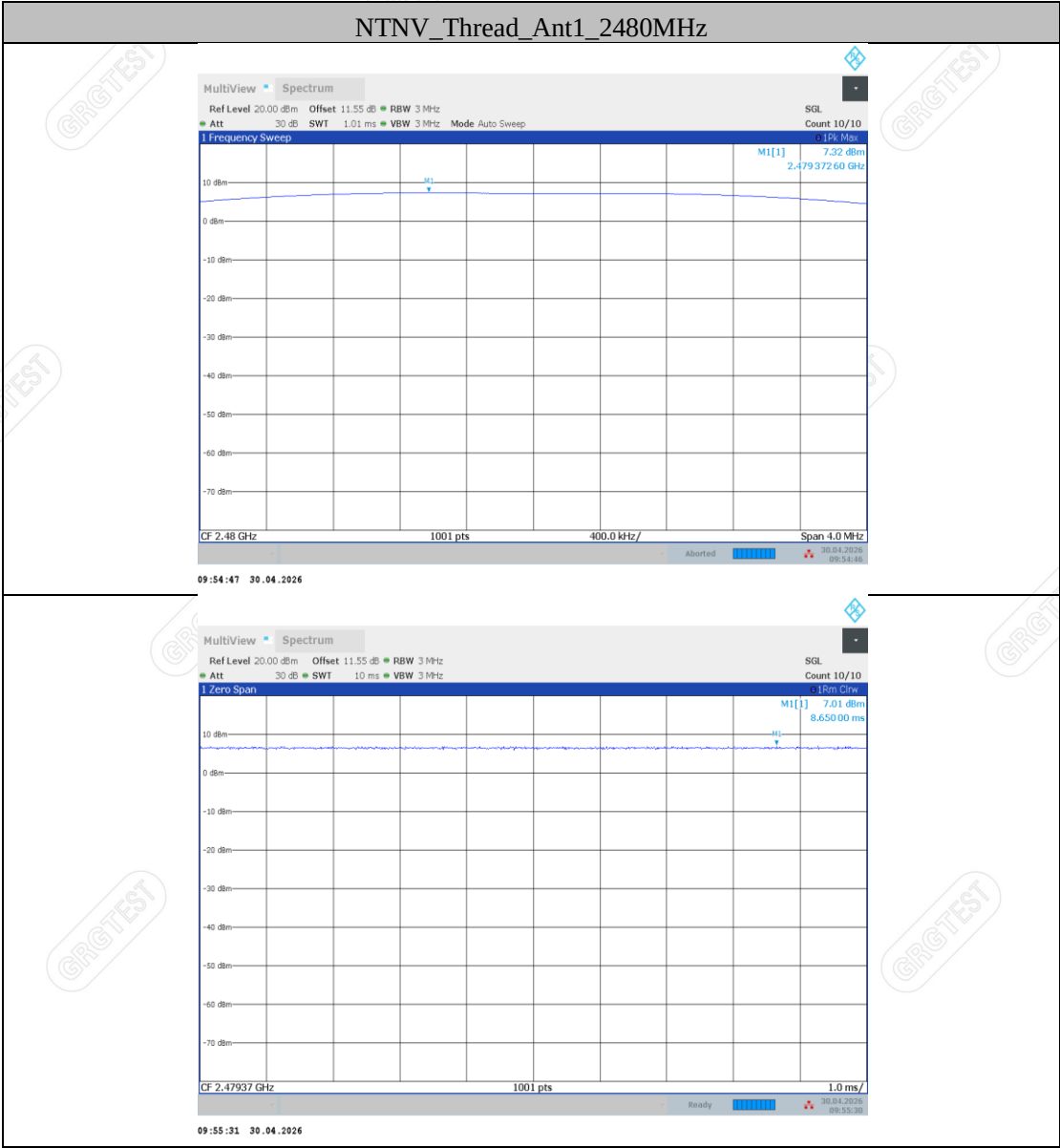
Frequency (MHz)	Average Power (dBm)	Duty cycle factor	Antenna Power (dBm)	Antenna Power (mW)	Rated Power (mW)	Tolerance (%)	Antenna gain (dBi)	Antenna Power (EIRP) (mW)	Antenna Power Limit	Tolerance Limit
2405	6.86	0.00	6.86	4.85	5.02	-3.39	0	4.85	$\leq 10\text{mW}$	+20%
2440	6.73	0.00	6.73	4.71	5.02	-6.18	0	4.71		
2480	7.01	0.00	7.01	5.02	5.02	0.00	0	5.02		

Note: 1. Antenna Power(dBm)= Average power(dBm) + Duty cycle correction factor. Duty cycle= $T_{\text{on}}/(T_{\text{on}}+T_{\text{off}})$,
Duty cycle correction factor= $10 \cdot \log(1/\text{Duty cycle})$.

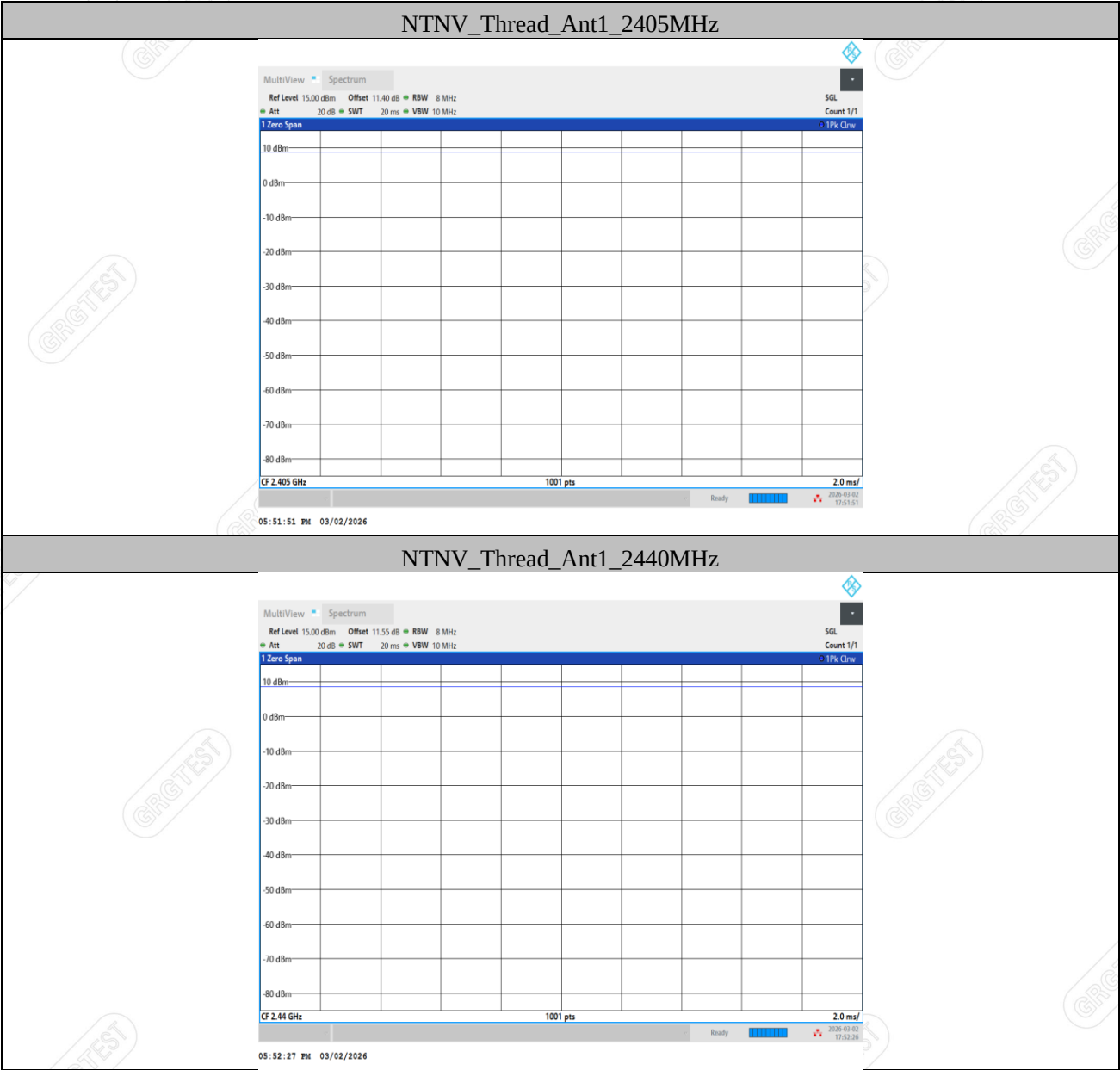
2. Tolerance(%)=(Antenna Power(mW)-Rated Power(mW))/Rated Power(mW)) x 100%.

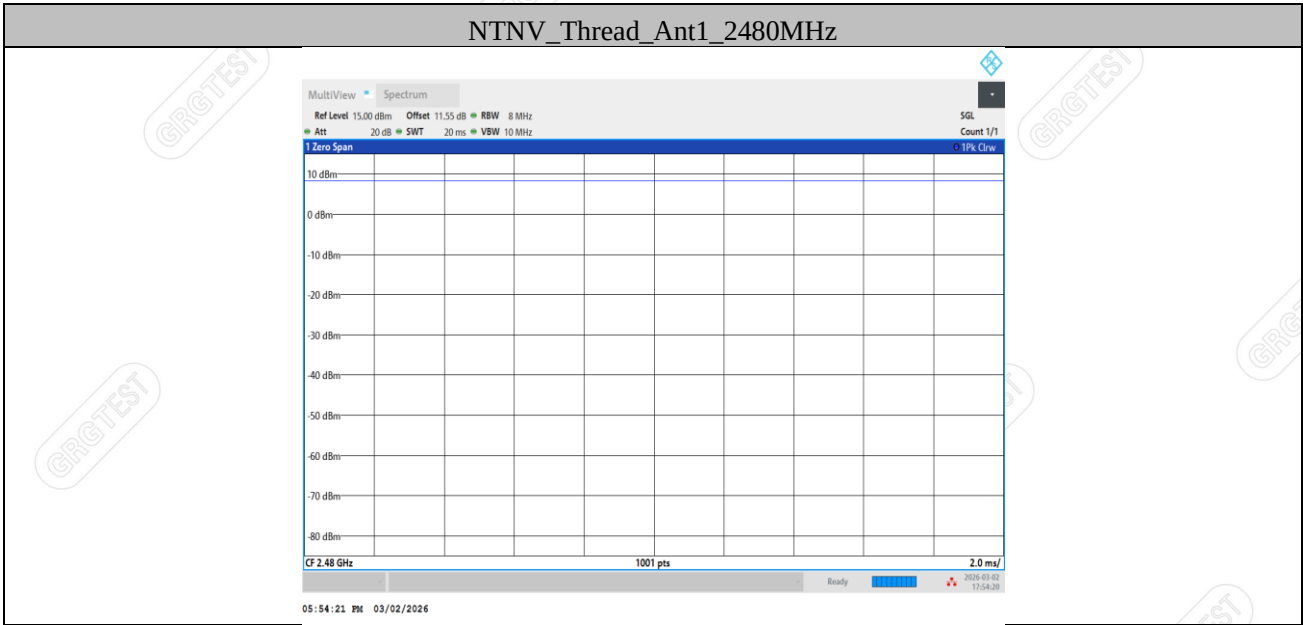






Duty cycle:





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6.4 LIMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT

6.4.1 LIMIT

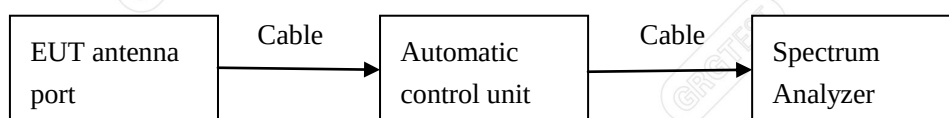
Item	Limits
RX Spurious Emission	$\leq 4 \text{ nW} (-54 \text{ dBm}) (f < 1\text{GHz})$ $\leq 20 \text{ nW} (-47 \text{ dBm}) (1\text{GHz} \leq f)$

6.4.2 TEST PROCEDURES

Spectrum Analyzer	Setting
Attenuation	Auto
RBW	100kHz: 30MHz $\leq f < 1000\text{MHz}$ 1MHz: 1000MHz $\leq f < 5\text{th Harmonics}$
VBW	100 kHz: 30MHz $\leq f < 1000\text{MHz}$ 1MHz: 1000MHz $\leq f < 5\text{th Harmonics}$
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

- EUT have the continuous reception mode and fixed only one channelize.
- Start frequency 30MHz and Stop frequency 1000MHz. Search to mark peak reading value + cable loss shall be less than 4nW
- Start frequency 1000MHz and Stop frequency 5th Harmonics. Search to mark peak reading value + cable loss shall be less than 20nW
- Max. frequency point of power level of lower emissions is to be indicated in each paragraph.

6.4.3 TEST SETUP



6.4.4 TEST RESULTS

Test Date (yy-mm-dd): 2026-03-02

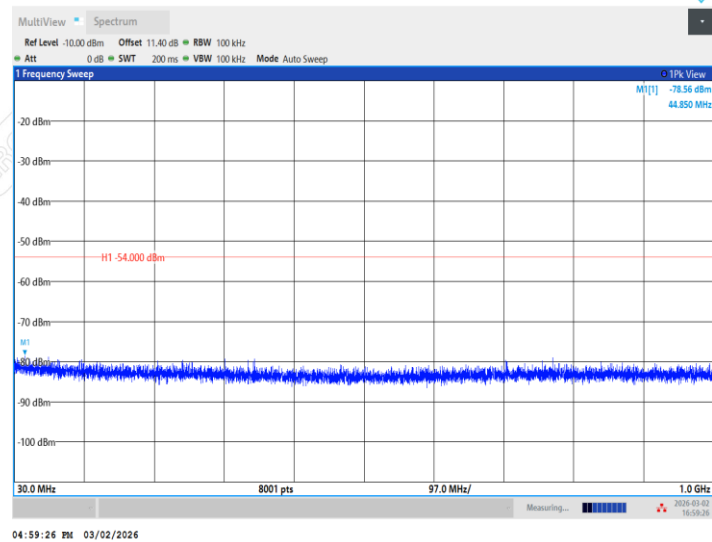
Test by: Wen wenwen

Test environment: Normal voltage(AC 100V/
50Hz)

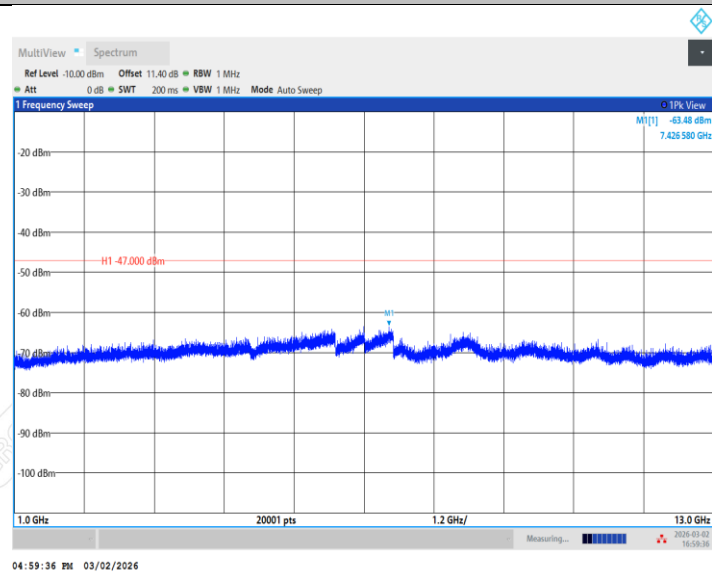
Temp: 23.4°C, Humid: 52%RH,
Atmospheric Pressure: 101.0kpa

Test Condition	Frequency [MHz]	Freq. Range [MHz]	Max Freq [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2405	30~1000	44.850	-78.56	≤-54	0.01393	≤4	PASS
NTNV	2405	1000~13000	7426.580	-63.48	≤-47	0.44875	≤20	PASS
NTNV	2440	30~1000	207.670	-77.06	≤-54	0.01968	≤4	PASS
NTNV	2440	1000~13000	7458.380	-63.43	≤-47	0.45394	≤20	PASS
NTNV	2480	30~1000	52.370	-78.62	≤-54	0.01374	≤4	PASS
NTNV	2480	1000~13000	7443.380	-63.48	≤-47	0.44875	≤20	PASS

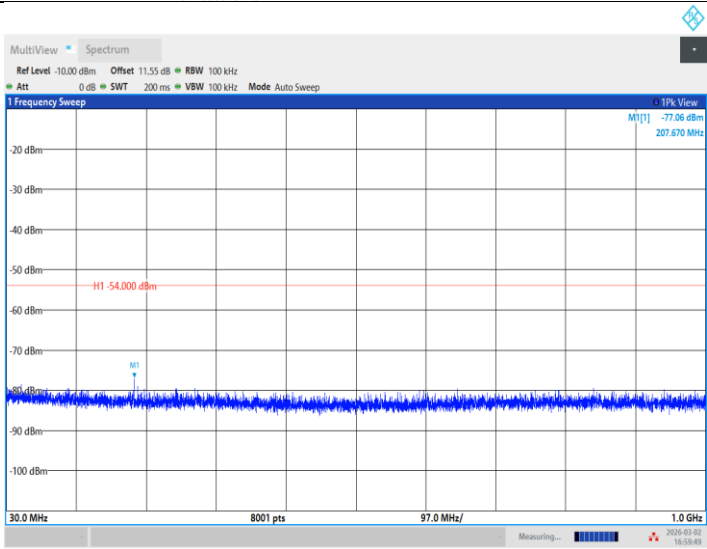
Note: $nW = 10^{(dBm/10)} * 1000 * 1000$



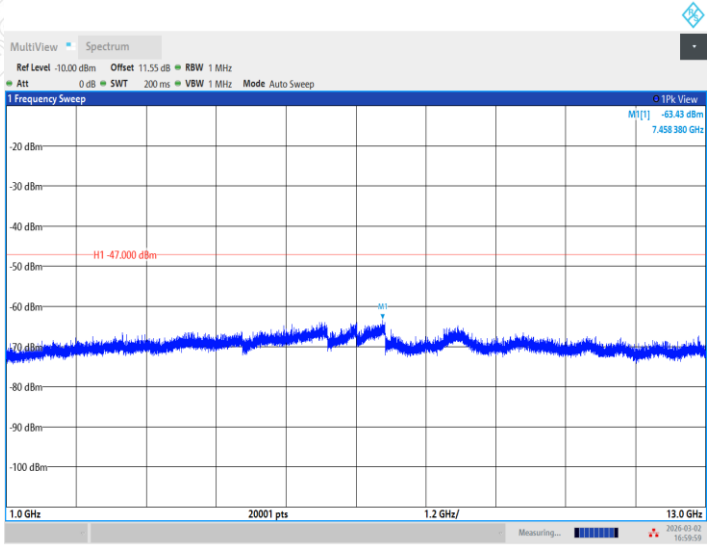
NTNV-Thread-Ant1-2405MHz-30~1000 MHz -PASS



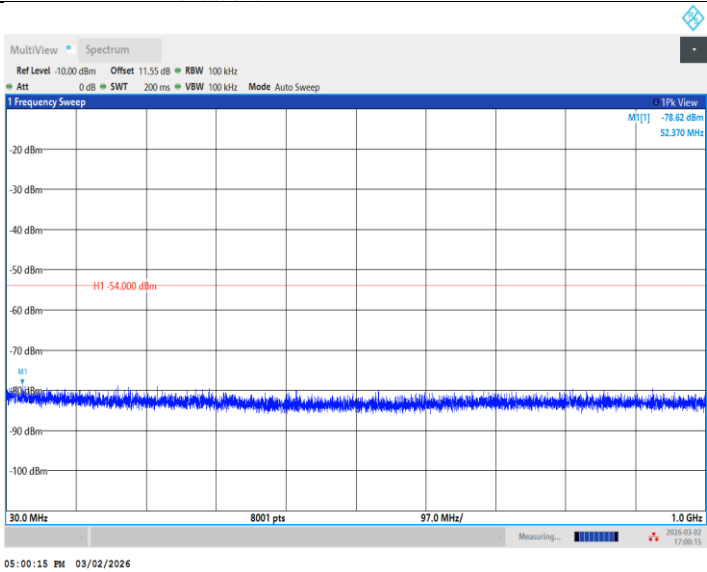
NTNV-Thread-Ant1-2405 MHz -1000~13000 MHz -PASS



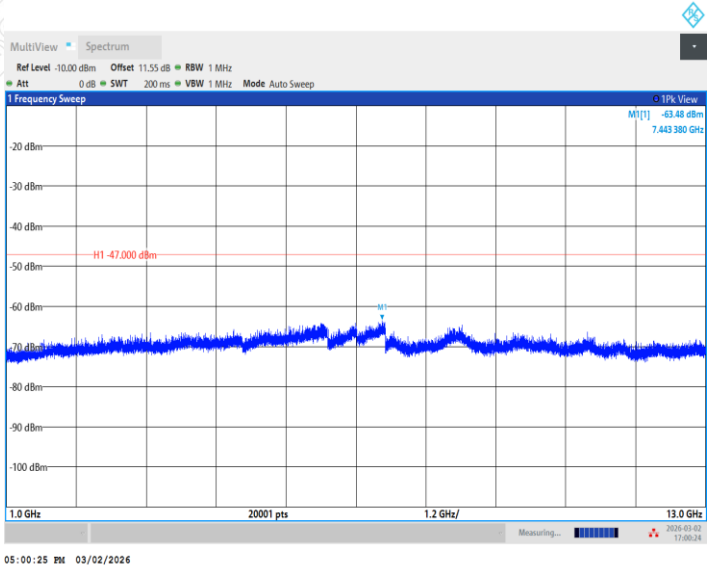
NTNV-Thread-Ant1-2440 MHz -30~1000 MHz -PASS



NTNV-Thread-Ant1-2440 MHz -1000~13000 MHz -PASS



NTNV-Thread-Ant1-2480 MHz -30~1000 MHz -PASS



NTNV-Thread-Ant1-2480 MHz -1000~13000 MHz -PASS

6.5 UNWANTED EMISSION INTENSITY

6.5.1 LIMIT

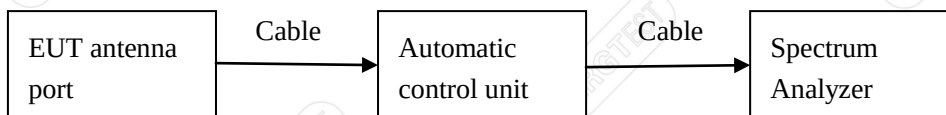
Item	Limits
TX Spurious Emission	$\leq 2.5 \mu\text{W}/\text{MHz}$, -36dBm/MHz (30MHz - 1000MHz)
	$\leq 2.5 \mu\text{W}/\text{MHz}$, -26dBm/MHz (1000MHz - 2387MHz)
	$\leq 25 \mu\text{W}/\text{MHz}$, -16dBm/MHz (2387MHz - 2400MHz)
	$\leq 25 \mu\text{W}/\text{MHz}$, -16dBm/MHz (2483.5MHz - 2496.5MHz)
	$\leq 2.5 \mu\text{W}/\text{MHz}$, -26dBm/MHz (more than 2496.5MHz)

6.5.2 TEST PROCEDURES

Spectrum Analyzer	Setting
Attenuation	Auto
RBW	100kHz: 30MHz $\leq f < 1000\text{MHz}$ 1MHz: 1000MHz $\leq f < 5\text{th Harmonics}$
VBW	100kHz: 30MHz $\leq f < 1000\text{MHz}$ 1MHz: 1000MHz $\leq f < 5\text{th Harmonics}$
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

- EUT have the continuous reception mode and fixed only one channelize.
- Setting of SA is following as 30MHz and stop frequency 1000MHz Then to mark peak reading value + cable loss shall be less than $0.25\mu\text{W}$.
- Setting of SA is following as 1000MHz and stop frequency 2387MHz Then to mark peak reading value + cable loss shall be less than $2.5\mu\text{W}$.
- SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than $25\mu\text{W}$.
- SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz Then to mark peak reading value + cable loss shall be less than $25\mu\text{W}$
- SA adjusted to start frequency 2496.5MHz and stop frequency 13000MHz Then to mark peak reading value + cable loss shall be less than $2.5\mu\text{W}$

6.5.3 TEST SETUP



6.5.4 TEST RESULTS

Test Date (yy-mm-dd): 2026-03-02

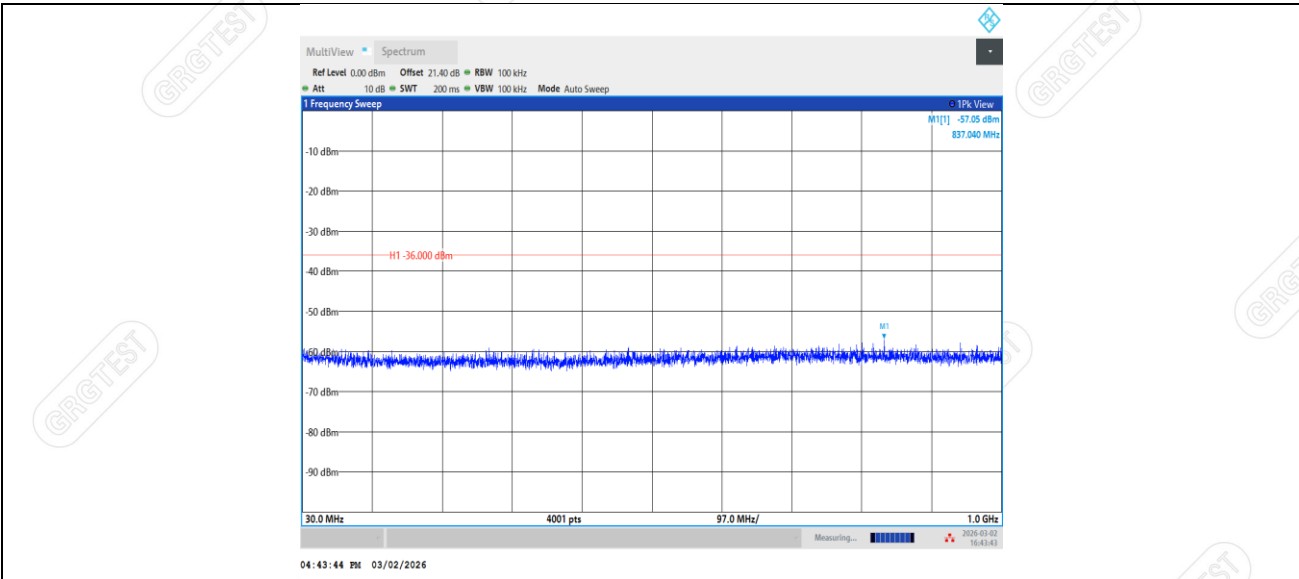
Test by: Wen wenwen

Test environment: Normal voltage(AC 100V/
50Hz)Temp: 23.4°C, Humid: 52%RH,
Atmospheric Pressure: 101.0kpa

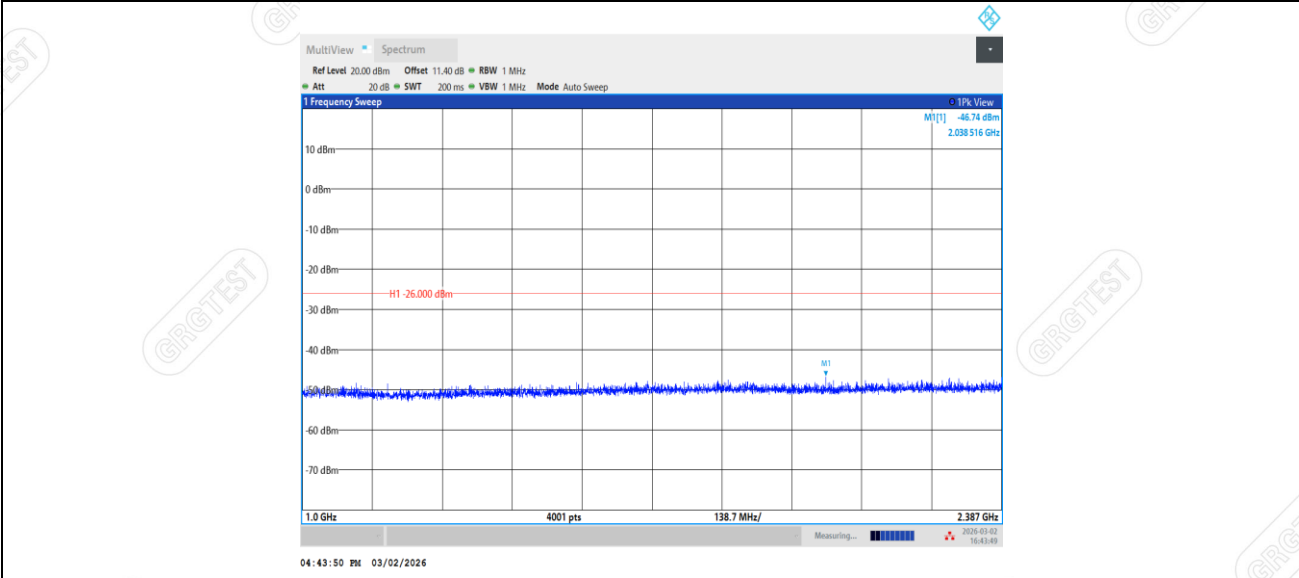
Test Condition	Frequency [MHz]	Frequency Range [MHz]	Max Frequency [MHz]	Result [dBm/100kHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	2405	30~1000	837.040	-57.05	-47.05	≤ -36	0.01972	≤ 2.5	PASS
NTNV	2405	1000~2387	2038.516	/	-46.74	≤ -26	0.02118	≤ 2.5	PASS
NTNV	2405	2387~2400	2399.922	/	-35.31	≤ -16	0.29444	≤ 25	PASS
NTNV	2405	2483.5~2496.5	2492.2425	/	-37.71	≤ -16	0.16943	≤ 25	PASS
NTNV	2405	2496.5~13000	7462.555	/	-43.37	≤ -26	0.04603	≤ 2.5	PASS
NTNV	2440	30~1000	713.365	-52.48	-42.48	≤ -36	0.05649	≤ 2.5	PASS
NTNV	2440	1000~2387	2243.446	/	-46.65	≤ -26	0.02163	≤ 2.5	PASS
NTNV	2440	2387~2400	2398.6415	/	-37.34	≤ -16	0.18450	≤ 25	PASS
NTNV	2440	2483.5~2496.5	2483.5455	/	-36.80	≤ -16	0.20893	≤ 25	PASS
NTNV	2440	2496.5~13000	7465.706	/	-43.20	≤ -26	0.04786	≤ 2.5	PASS
NTNV	2480	30~1000	710.455	-51.56	-41.56	≤ -36	0.06982	≤ 2.5	PASS
NTNV	2480	1000~2387	1660.559	/	-46.53	≤ -26	0.02223	≤ 2.5	PASS
NTNV	2480	2387~2400	2390.523	/	-37.38	≤ -16	0.18281	≤ 25	PASS
NTNV	2480	2483.5~2496.5	2483.5585	/	-31.22	≤ -16	0.75509	≤ 25	PASS
NTNV	2480	2496.5~13000	7459.404	/	-43.41	≤ -26	0.04560	≤ 2.5	PASS

Note: 1) $\text{dBm/MHz} = \text{dBm}/100\text{kHz} - 10\log(100\text{kHz}/1000\text{kHz}) = \text{dBm}/100\text{kHz} + 10$ 2) $\mu\text{W/MHz} = 10^{(\text{dBm/MHz}/10)} * 1000$

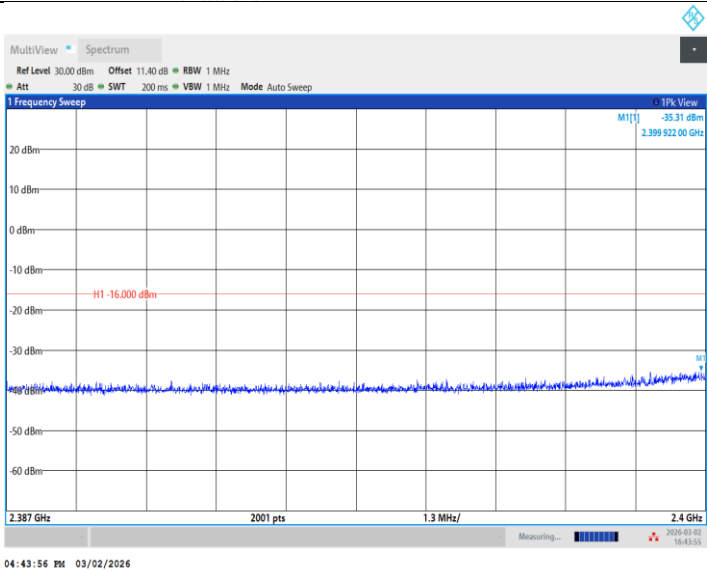
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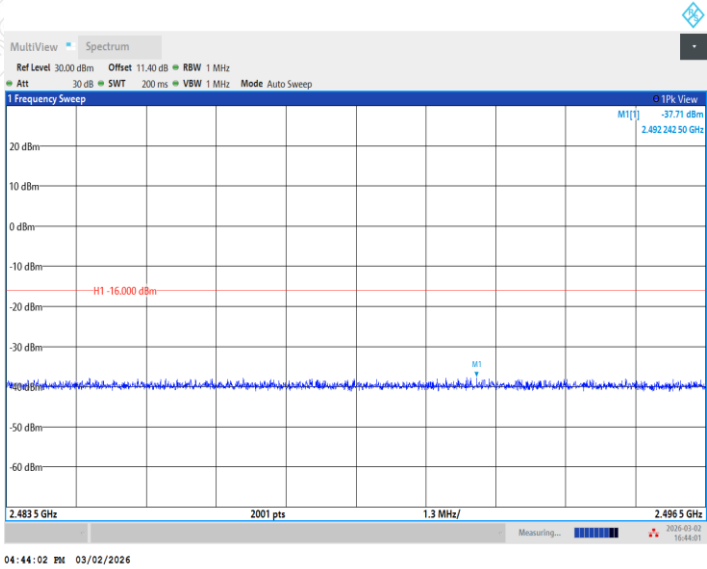
NTNV-Thread-Ant1-2405MHz-30~1000 MHz--PASS



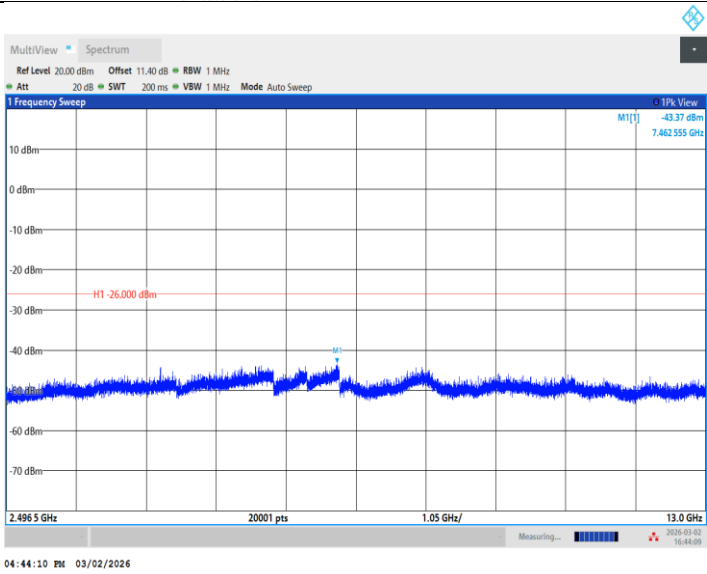
NTNV- Thread-Ant1-2405 MHz--1000~2387 MHz--PASS



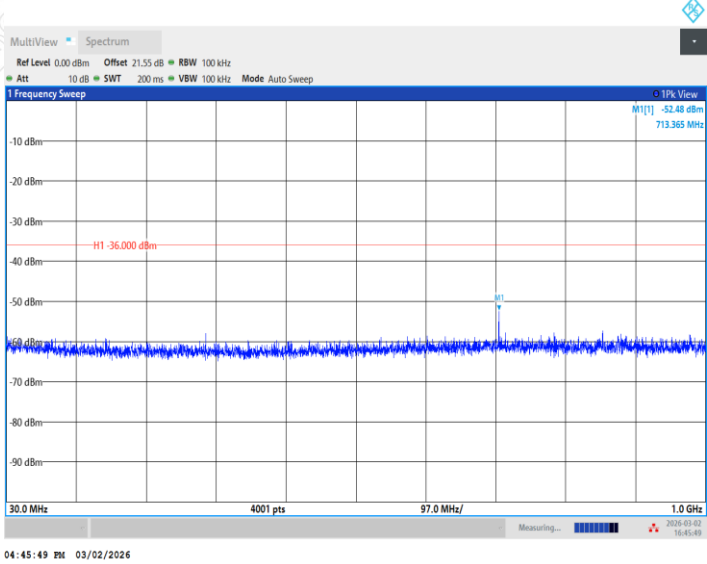
NTVN- Thread-Ant1-2405 MHz--2387~2400 MHz--PASS



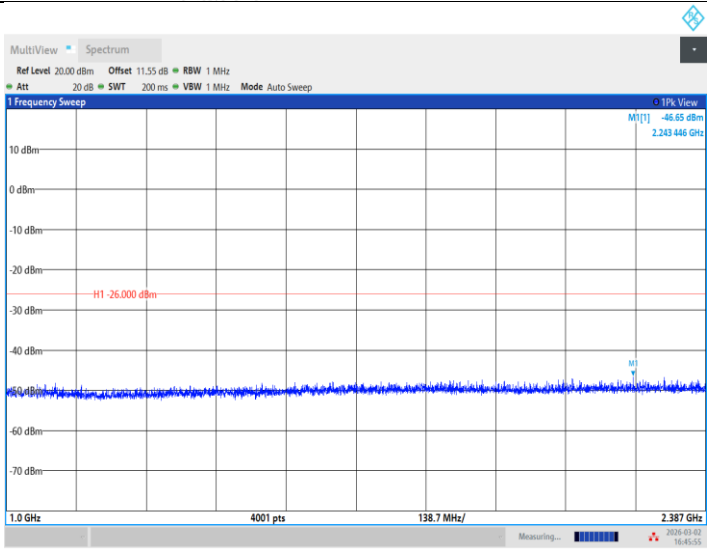
NTVN- Thread-Ant1-2405 MHz--2483.5~2496.5 MHz--PASS



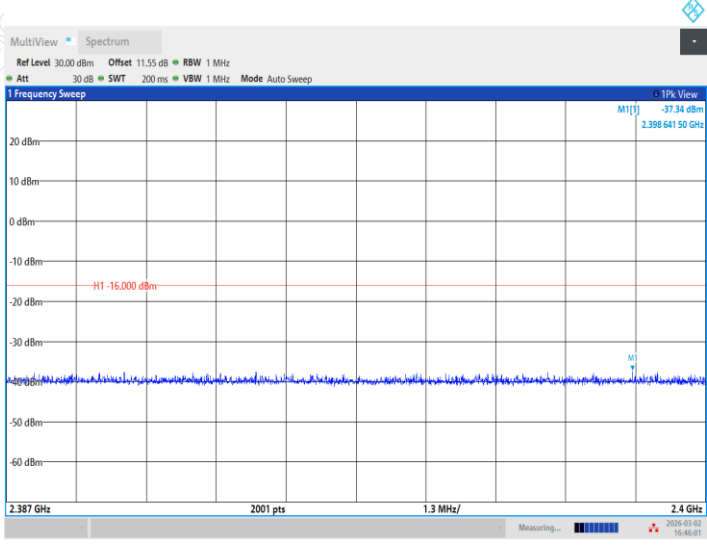
NTNV- Thread-Ant1-2405 MHz--2496.5~13000 MHz--PASS



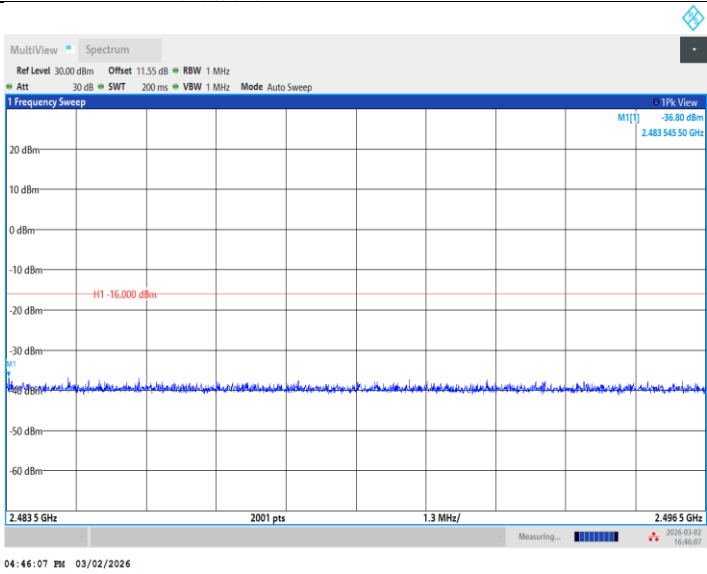
NTNV- Thread-Ant1-2440 MHz--30~1000 MHz--PASS



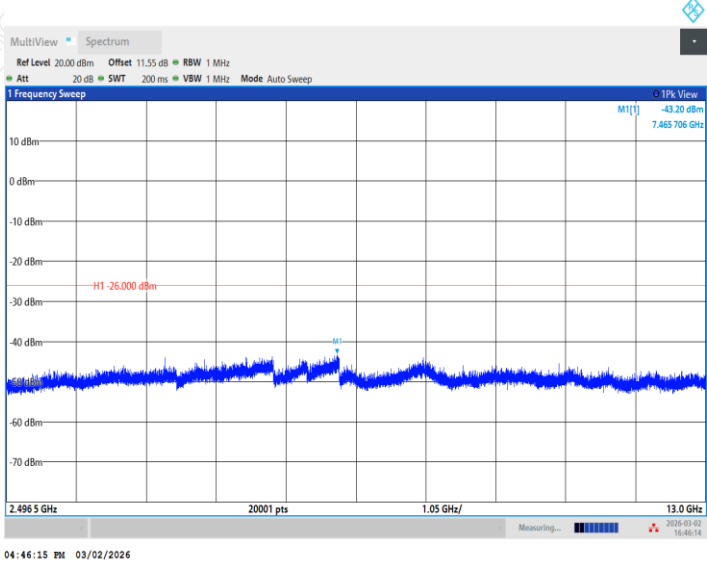
NTNV- Thread-Ant1-2440 MHz--1000~2387 MHz--PASS



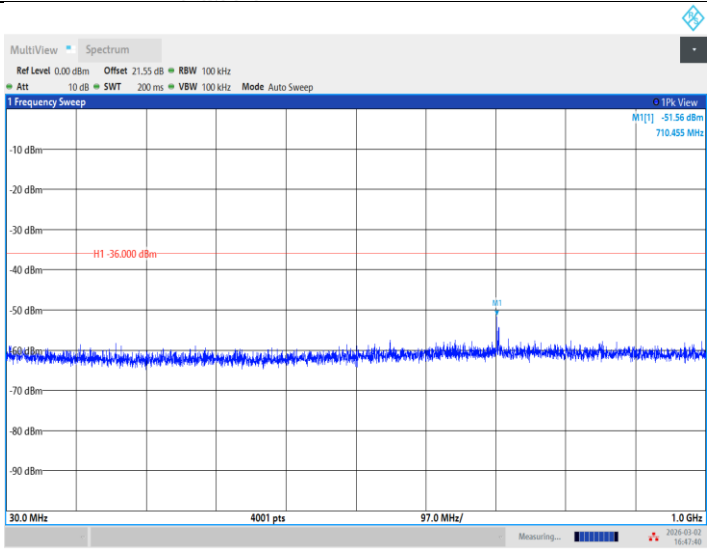
NTNV- Thread-Ant1-2440 MHz--2387~2400 MHz--PASS



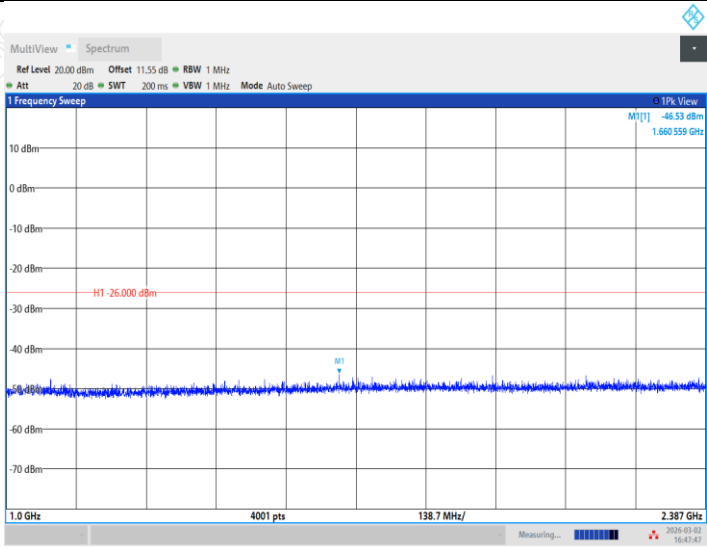
NTNV- Thread-Ant1-2440 MHz--2483.5~2496.5 MHz--PASS



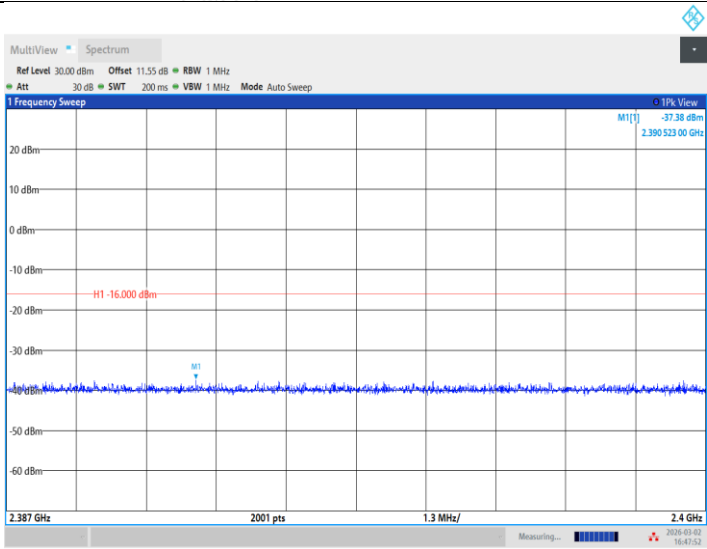
NTNV- Thread-Ant1-2440 MHz--2496.5~13000 MHz--PASS



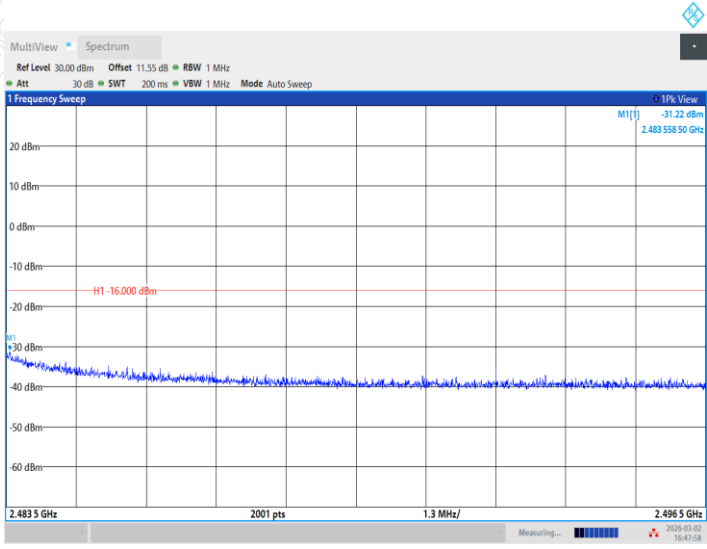
NTNV- Thread-Ant1-2480 MHz--30~1000 MHz--PASS



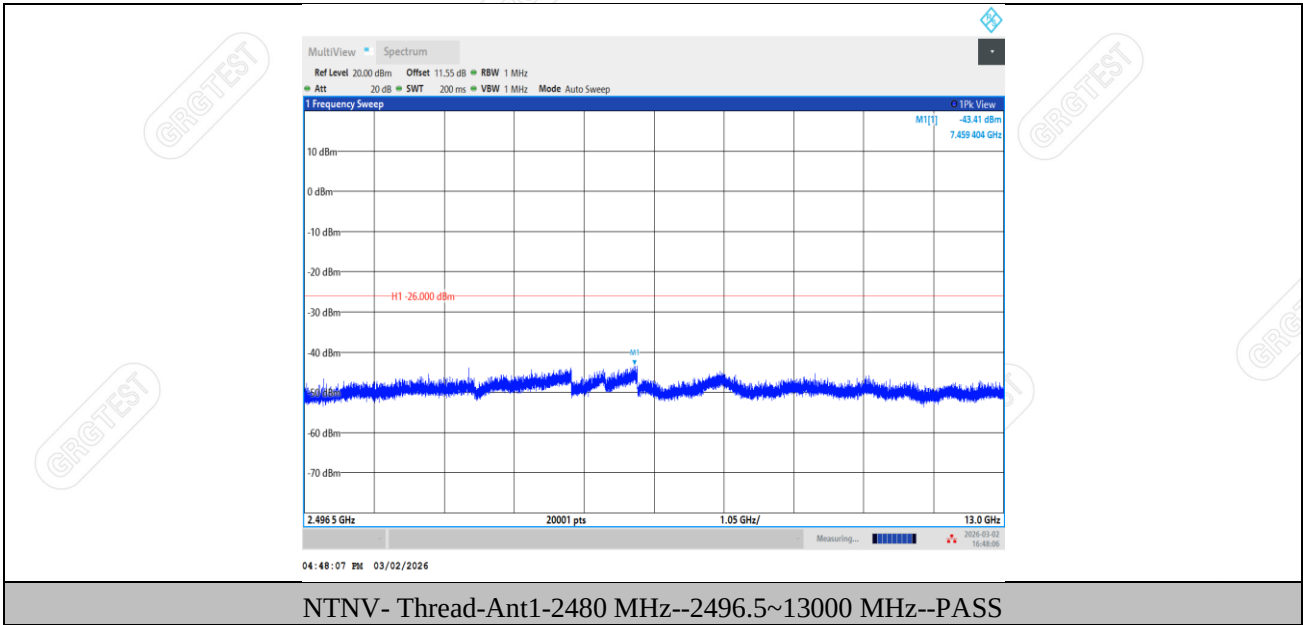
NTNV- Thread-Ant1-2480 MHz--1000~2387 MHz--PASS



NTNV- Thread-Ant1-2480 MHz--2387~2400 MHz--PASS



NTNV- Thread-Ant1-2480 MHz--2483.5~2496.5 MHz--PASS



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6.6 RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

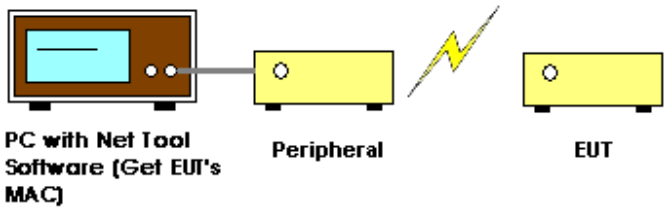
6.6.1 LIMIT

Item	Limits
Identification code	≥ 48 bits

6.6.2 TEST PROCEDURES

- a) In the case that the EUT has the function of automatically transmitting the identification code: Transmit the predetermined identification codes form EUT. Check the transmitted identification codes with the demodulator.
- b) In the case of receiving the identification code: Transmit the predetermined identification codes form the counterpart. Check if communication is normal. Transmit the signals other than predetermined ID codes form the counterpart. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

6.6.3 TEST SETUP



6.6.4 TEST RESULTS

Test Date (yy-mm-dd): 2026-03-02 Test by: Wen wenwen

Test environment: Normal voltage(AC 100V/50Hz) Temp: 23.4°C, Humid: 52%RH, Atmospheric Pressure: 101.0kpa

Test Power	Normal Voltage
Test Mode	Mode 3
Test Result	Good, MAC Address:(54:EF:44:10:01:63:26:F5)

6.7 CONSTRUCTION PROTECTION CONFIRMATION METHOD

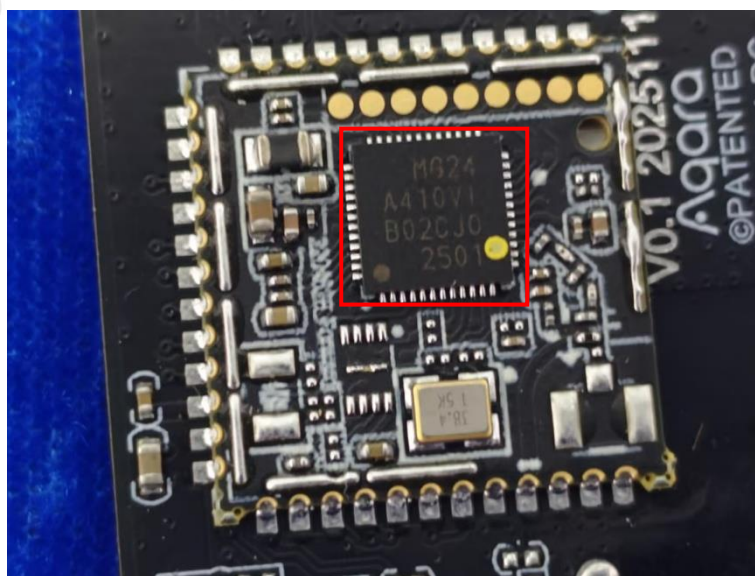
6.7.1 LIMIT

(See Article 49-20, Item1-a of the Ordinance Regulating Radio Equipment)The high-frequency section and modulation section of the radio equipment except forthe antenna system shall not be capable of being opened easily.

6.7.2 CONFIRMATION METHOD

The RF and modulation portions are protected against illegal modification as following method:

Tick the appropriate box	
☐	1. Sealed with special screws.
☐	2. Plastic chassis is being welded using ultrasonic waves.
☐	3. Chassis is glued using a special adhesive.
☐	4. Metal covers are spot-fused.
☐	5. Cover is specially interlocked.
☐	6. RF and Modulation components are covered with shielding case and this shielding case is soldered.
☐	7. Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.
☐	8. Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive
☐	9. Shield case is welded at RF and modulation parts, and ID-ROM is guled with a non-transparent laminating agent.
☒	10. RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable part on PCB or adjustable parts are not exposed. In addition, the number of pins is more than or equal to 10, and the distance between pins is less than 1.5mm



APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM



APPENDIX B: PHOTOGRAPH OF THE EUT

Please refer to the attached document E20260225546901-EUT photo.

----- End of Report -----