



Test Report

Date : 2026-08-12
No. : DM26060408

Page 1 of 57

Applicant : Noriko Inc
Room 206, Kuramoto Bldg., 12-9 Misaki, 1-chome, Minato-ku,
Osaka-shi, Osaka (552-0016)

Supplier / Manufacturer : Guangdong Dazhi Auto Technology Co., Ltd.
Room 701,801,901,1001,1101,1201,1202,Building B4 Goldman Sachs
West Lake Smart Valley Industrial Park No.40 Hongling 3rd Road
Shuikou Street, Huicheng District 516005 Huizhou City, Guangdong
Province P.R. China

Description of Sample(s) : Submitted sample(s) said to be
Product: Car Digital Video Recorder
Brand Name: NORIKO
Model No.: X1

Date Samples Received : 2026-07-03

Date Tested : 2026-07-03 to 2026-07-09

Statement : The measurements and test results shown in this test report were made
in accordance with the procedures and found in compliance with the
limit given in Item 19 of Article 2 Paragraph 1, MIC Notice No.88
Appendix No.43. The test equipment used to perform the test is
calibrated and traceable to International system of units (SI) or other
recognized National metrology institute.

Remarks : WIFI (802.11b/g/n20/n40)



LONG Yun Jian, Along
Authorized Signatory

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 2 of 57

CONTENT:

Cover	Page 1 of 57
Content	Page 2 of 57
<u>1.0 General Details</u>	
1.1 Equipment Under Test [EUT] Description of Sample(s)	Page 3 of 57 Page 3 of 57
1.2 Date of Order	Page 3 of 57
1.3 Submitted Sample(s)	Page 3 of 57
1.4 Test Duration	Page 3 of 57
1.5 Country of Origin	Page 3 of 57
1.6 RF Module Details	Page 4 of 57
1.7 Antenna Details	Page 4 of 57
<u>2.0 Technical Details</u>	
2.1 Table for Carrier Frequencies	Page 5 of 57
2.2 Test Standards and Results Summary	Page 6 of 57
2.3 Table for Test Modes	Page 7 of 57
<u>3.0 Test Results</u>	
Measurements - Results	Page 8-49 of 57
3.1 Antenna Power and Tolerances for Antenna Power	
3.2 Frequency Tolerance	
3.3 Occupied Frequency Bandwidth	
3.4 Spread Bandwidth	
3.5 Transmitter Spurious Emissions (conducted)	
3.6 Secondary Radiated Emissions	
3.7 Interference prevention function	
<u>Appendix A</u>	
List of Measurement Equipment	Page 50 of 57
<u>Appendix B</u>	
Photograph(s) of Product	Page 51-57 of 57

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 3 of 57

1.0 General Details

1.1 Equipment Under Test [EUT] Description of Sample(s)

Submitted sample(s) said to be

Product: Car Digital Video Recorder
Guangdong Dazhi Auto Technology Co., Ltd.
Room 701,801,901,1001,1101,1201,1202,Building B4 Goldman Sachs
Manufacturer: West Lake Smart Valley Industrial Park No.40 Hongling 3rd Road
Shuikou Street, Huicheng District 516005 Huizhou City, Guangdong
Province P.R. China
Brand Name: NORIKO
Model Number: X1
Rating: DC 5.5V by USB-C port

1.2 Date of Order

2026-06-15

1.3 Submitted Sample(s):

1 Sample

1.4 Test Duration

2026-07-03 to 2025-07-09

1.5 Country of Origin

China

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 4 of 57

1.6 RF Module Details

Frequency Range:	2412-2472MH		
Channel Number:	WIFI: 13		
Modulation:	802.11b: DSSS(CCK,DQPSK,DBPSK) 802.11g: OFDM(64QAM,16QAM,QPSK,BPSK) 802.11n20/n40: OFDM(64QAM,16QAM,QPSK,BPSK)		
Transmitter rate:	802.11b: 1, 2, 5.5, 11 Mbps 802.11g: 6,9,12,18,24,36,48,54 Mbps 802.11n20: 6.5,13,19.5,26,39,52,58.5,65 Mbps 802.11n40: 6.5,13,19.5,26,39,52,58.5,65 Mbps		
Duty Cycle:	Up to 100%		
ID Code:	70:68:71:a6:a0:63		
Operating mode:	Continuous		
Power Source:		Input voltage	RF module voltage
	Voltage (nom):	5.5Vd.c.	3.3Vd.c.
	Extreme high:	6.05Vd.c.	3.3Vd.c.
	Extreme low:	4.95Vd.c.	3.3Vd.c.

Remark:

When the input voltage from the external power supply to the test equipment changes by $\pm 10\%$, the input voltage of the RF module changes by less than $\pm 1\%$, only the rated voltage is used for measurement.

1.7 Antenna Details

Antenna Type: Chip antenna
Antenna Gain: 0.9 dBi

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 5 of 57

2.0 Technical Details

2.1 Table for Carrier Frequencies

802.11b/g/n20

Frequency Band	Channel No.	Frequency
2412-2472MHz	1	2412MHz
	2	2417MHz
	3	2422MHz
	4	2427MHz
	5	2432MHz
	6	2437 MHz
	7	2442MHz
	8	2447MHz
	9	2452MHz
	10	2457 MHz
	11	2462 MHz
	12	2467 MHz
	13	2472MHz

802.11n40

Frequency Band	Channel No.	Frequency
2422-2462MHz	3	2422MHz
	4	2427MHz
	5	2432MHz
	6	2437 MHz
	7	2442MHz
	8	2447MHz
	9	2452MHz
	10	2457 MHz
	11	2462 MHz

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Test Report

Date : 2026-08-12

No. : DM26060408

Page 6 of 57

2.2 Test Standards and Results Summary Tables

Applied Standard: ARIB STD-T66 Version 3.7/2014-10				
Clause	Description of Test	Test Result		
		Pass	Fail	N/A
3.2(2)	Antenna Power	☒	☐	☐
3.2(3)	Tolerances for Antenna Power	☒	☐	☐
3.2(4)	Frequency Tolerance	☒	☐	☐
3.2(7)	Occupied Frequency Bandwidth	☒	☐	☐
3.2(8)	Spread Bandwidth	☒	☐	☐
3.2(9)	Spreading Factor	☒	☐	☐
3.2(10)	Number of Carriers	☒	☐	☐
3.2(6)	Spurious Emissions	☒	☐	☐
3.3(1)	Secondary Radiated Emissions	☒	☐	☐

Test Items	Uncertainty	Remark
99% & 90% Bandwidth	±0.8 dB	Confidence levels of 95%
Frequency Tolerance	±8.5x10 ⁻⁸	Confidence levels of 95%
Antenna Power	±0.6dB	Confidence levels of 95%
TX-RX Spurious Emissions	±0.5dB	Confidence levels of 95%
Temperature	±0.7°C	Confidence levels of 95%
Humidity	±3.2%	Confidence levels of 95%
DC/AC Power Source	±1.4%	Confidence levels of 95%

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Test Report

Date : 2026-08-12

No. : DM26060408

Page 7 of 57

2.3 Table for Test Modes

Preliminary tests were performed in different data rate to find the worst radiated emission. The data rate shown in the table below is the worst case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases.

The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Channel
Frequency Error	Un-modulation	-	1/7/13
Occupied Bandwidth (99%)	802.11b/g/n20 802.11n40	1/6/6.5 Mbps 6.5 Mbps	1/7/13 3/7/11
Spread-Spectrum Bandwidth (90%)	802.11b/g/n20 802.11n40	1/6/6.5 Mbps 6.5 Mbps	1/7/13 3/7/11
Spurious Emissions	802.11b/g/n20 802.11n40	1/6/6.5 Mbps 6.5 Mbps	1/7/13 3/7/11
Antenna Power Error	802.11b/g/n20 802.11n40	1/6/6.5 Mbps 6.5 Mbps	1/7/13 3/7/11
Secondary Radiated Emissions	802.11b/g/n20 802.11n40	1/6/6.5 Mbps 6.5 Mbps	1/7/13 3/7/11
Transmission Antenna Gain	-	-	-
Transmission Radiation Angle Width	-	-	-
Interference prevention function	802.11b/g/n	-	-

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 8 of 57

3.0 Test Results

3.1 Antenna Power and Tolerances for Antenna Power

Ambient temperature 25.8°C

Relative humidity 55.6%

3.1.1 Limit

Item	Limits
Antenna power Density	$\leq 3\text{mW/MHz}$ (FH from 2427 – 2470.75MHz) $\leq 10\text{mW/MHz}$ (OFDM, DS from 2400 – 2483.5MHz) $\leq 10\text{mW}$ (Other from 2400 – 2483.5MHz) Note: OFDM OBW 26 – 38MHz: 5mW/MHz
Tolerances for Antenna Power	+20% (Base on manufacture declare antenna power density)

3.1.2 Test Procedures

(1) Search for peak power frequency.

Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test

Resolution BW: 1MHz

Video BW: 1MHz

Span Frequency: 40MHz

Sweep time: Auto

Detector: Peak

Trace Mode: Max Hold

(2) Measurement of peak antenna power

Centre Frequency: Frequency of peak power found in step (1)

Span: 0 Hz

Resolution BW: 1MHz

Video BW: 1MHz

Detector: Peak

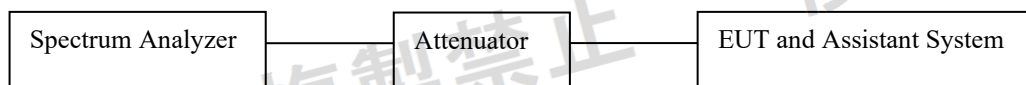
Sweep: Minimum time required to make an accurate measurement.

For burst type (intermittent) transmission, sweep time shall be greater than one burst interval.

Sweep data points: 500 or greater

Note: The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.

3.1.3 Test Setup



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Test Report

Date : 2026-08-12
No. : DM26060408

Page 9 of 57

3.1.4 Test Result: PASS

	Frequency (MHz)	Measured (dBm/MHz)	Measured (mW/MHz)	Tolerances (%)	Declared power (mW/MHz)	Limit (mW/MHz)
802.11b	2412	9.38	8.6696	-13.30	10	10
	2442	8.92	7.7983	-22.02	10	10
	2472	8.86	7.6913	-23.09	10	10
802.11g	2412	7.56	5.7016	-28.73	8	10
	2442	7.04	5.0582	-36.77	8	10
	2472	6.46	4.4259	-44.68	8	10
802.11n20	2412	7.38	5.4702	-31.62	8	10
	2442	6.33	4.2954	-46.31	8	10
	2472	5.74	3.7497	-53.13	8	10
802.11n40	2422	4.71	2.9580	-40.84	5	5
	2442	4.56	2.8576	-42.85	5	5
	2462	4.12	2.5823	-48.35	5	5

Tolerances for Antenna Power (%) = (Antenna Power (Conducted) - Declared Antenna Power) /
Declared Antenna Power *100%

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 10 of 57

3.2 Frequency Tolerance

Ambient temperature 25.8°C

Relative humidity 55.6%

3.2.1 Limit

Item	Limits
Frequency Tolerance	+/- 50*10 ⁻⁶ or less 50ppm

3.2.2 Test Procedures

(1) Set EUT work in modulated Tx mode (The EUT cannot transmit in un-modulated mode).

(2) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test

Resolution BW: 10 kHz

Video BW: 10 kHz

Span Frequency: 1MHz

Sweep data points: 500 or greater

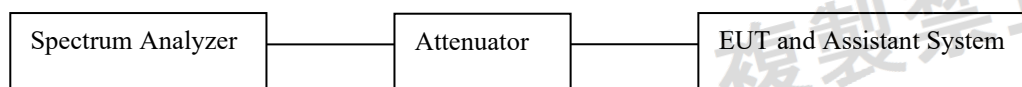
Sweep time: Auto

Detector: Peak

Trace Mode: Max Hold

(3) When the trace is complete, find the peak value of the power envelope and record the frequency.

3.2.3 Test Setup



3.2.4 Test Result: PASS

Mode	Frequency (MHz)	Result			Limit (ppm)
		Measured (MHz)	Tolerance (kHz)	Tolerance (ppm)	
TX mode (20MHz OBW)	2412	2411.99276	-7.24	-3.002	≤50
	2442	2441.99204	-7.96	-3.260	≤50
	2472	2471.99204	-7.96	-3.220	≤50
TX mode (40MHz OBW)	2422	2421.99204	-7.96	-3.287	≤50
	2462	2461.99204	-7.96	-3.233	≤50

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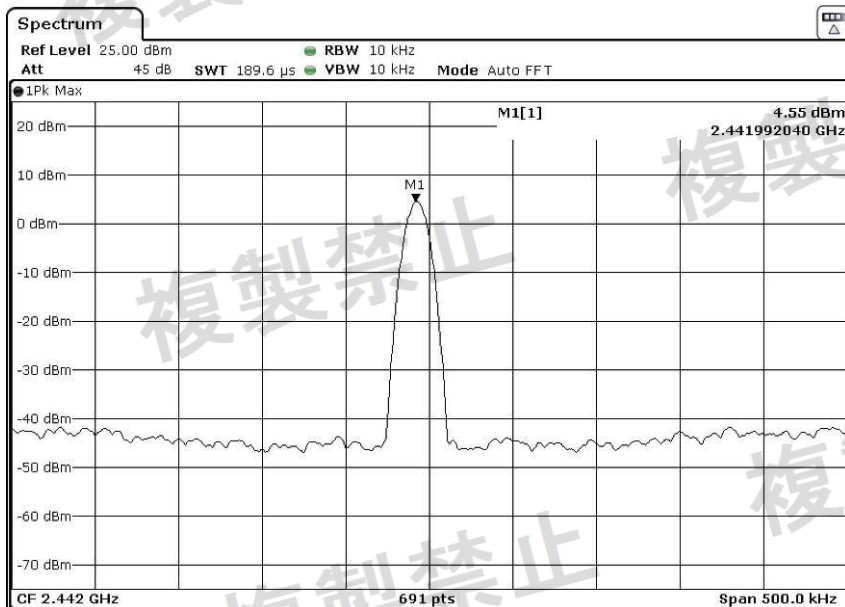
Date : 2026-08-12
No. : DM26060408

Page 11 of 57

802.11N20
2412MHz



2442 MHz



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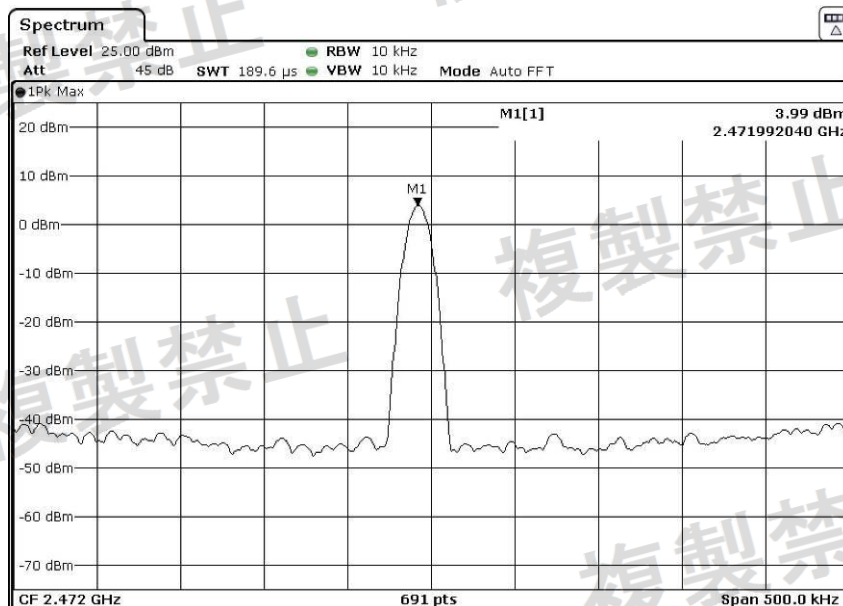


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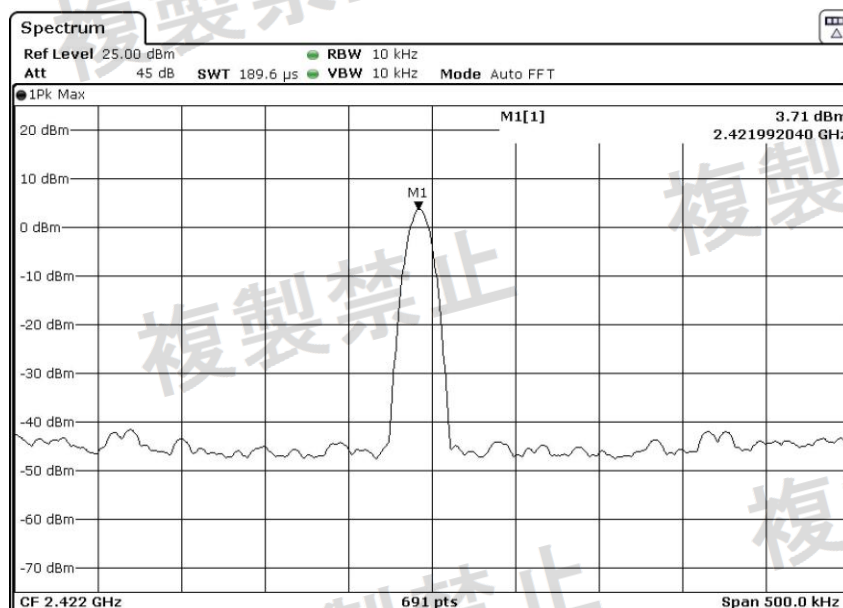
Date : 2026-08-12
No. : DM26060408

Page 12 of 57

2472MHz



802.11N40
2422MHz



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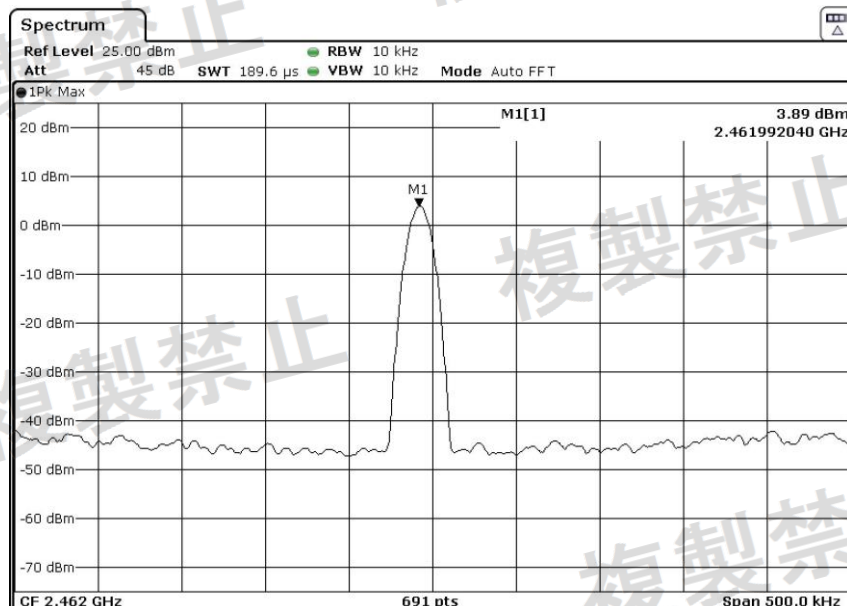


Test Report

Date : 2026-08-12
No. : DM26060408

Page 13 of 57

2462 MHz



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Test Report

Date : 2026-08-12
No. : DM26060408

Page 14 of 57

3.3 Occupied Frequency Bandwidth

Ambient temperature 25.8°C

Relative humidity 55.6%

3.3.1 Limit

Item	Limits
IEEE802.11b(DSSS)	$\leq 26\text{MHz}$
IEEE802.11g/n20(OFDM)	$\leq 26\text{MHz}$
IEEE802.11g/n40(OFDM)	$\leq 40\text{MHz}$

3.3.2 Test Procedures

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test

Resolution BW: 300 kHz

Video BW: 300 kHz

Span Frequency: 40MHz or 80MHz

Sweep data points: 500 or greater

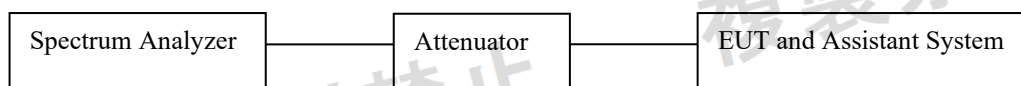
Sweep time: Auto

Detector: Peak

Trace Mode: Max Hold

(2) When the trace is complete, measure the occupied bandwidth (99% bandwidth) with spectrum analyzer's bandwidth measure function.

3.3.3 Test Setup



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Test Report

Date : 2026-08-12

No. : DM26060408

Page 15 of 57

3.3.4 Test Result: PASS

Mode	Frequency (MHz)	Measured (MHz)	Limit (MHz)
802.11b	2412	13.082489	≤ 26
	2442	13.545586	≤ 26
	2472	13.256150	≤ 26
802.11g	2412	17.018813	≤ 26
	2442	16.787264	≤ 26
	2472	16.671490	≤ 26
802.11n20	2412	18.176555	≤ 26
	2442	17.887120	≤ 26
	2472	17.771345	≤ 26
802.11n40	2422	36.353111	≤ 40
	2442	36.237337	≤ 40
	2462	36.121562	≤ 40

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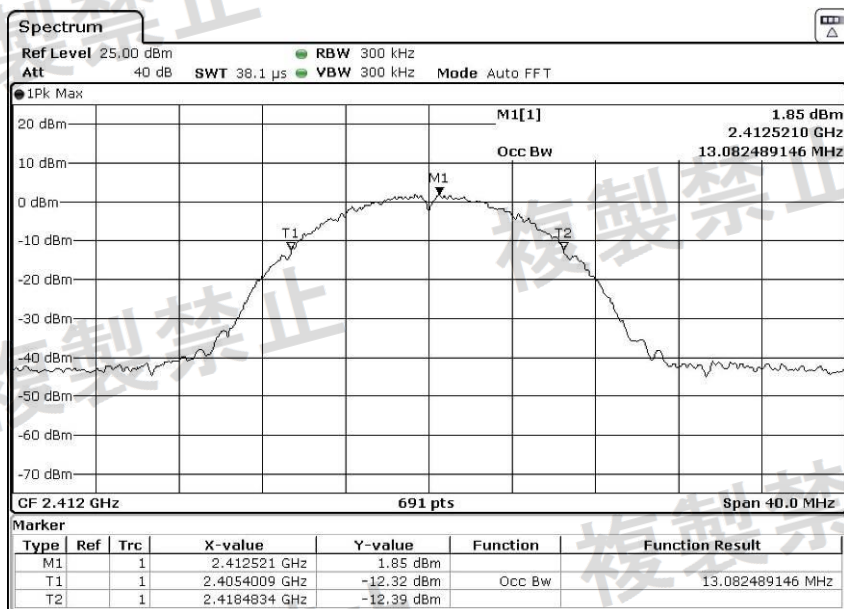


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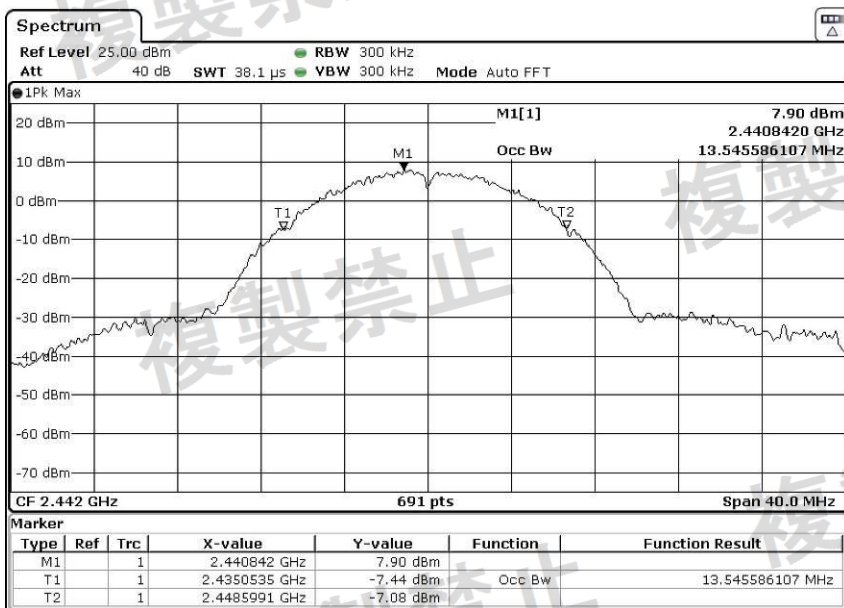
Date : 2026-08-12
No. : DM26060408

Page 16 of 57

802.11b
2412MHz



2442MHz



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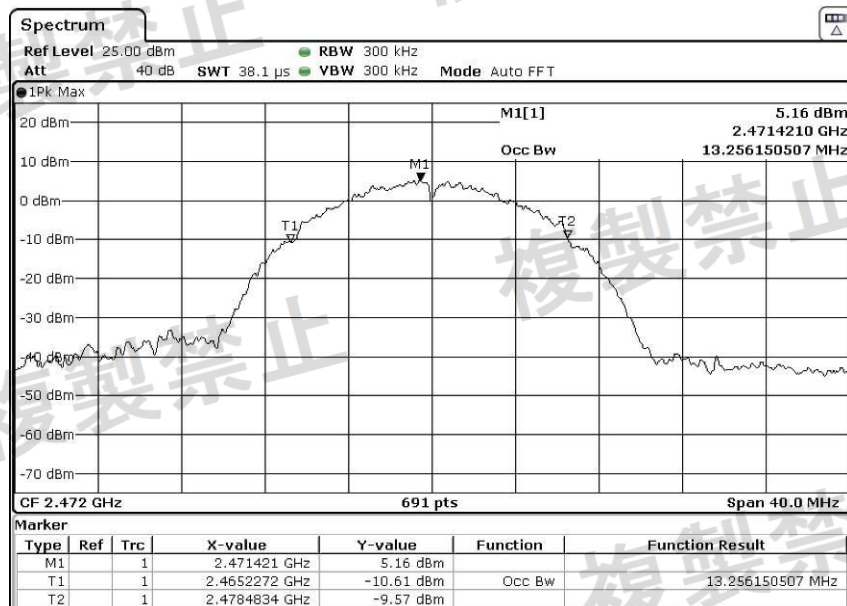


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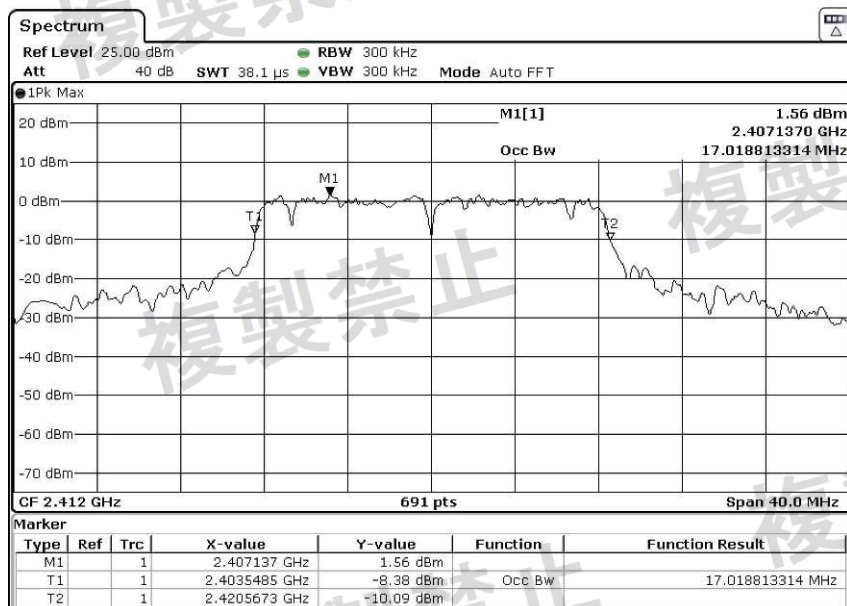
Date : 2026-08-12
No. : DM26060408

Page 17 of 57

2472MHz



802.11g
2412MHz



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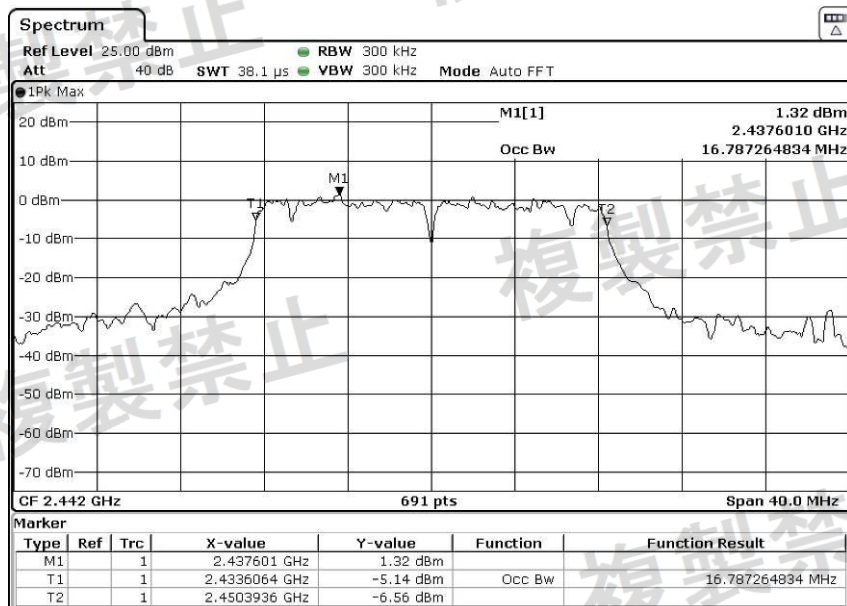


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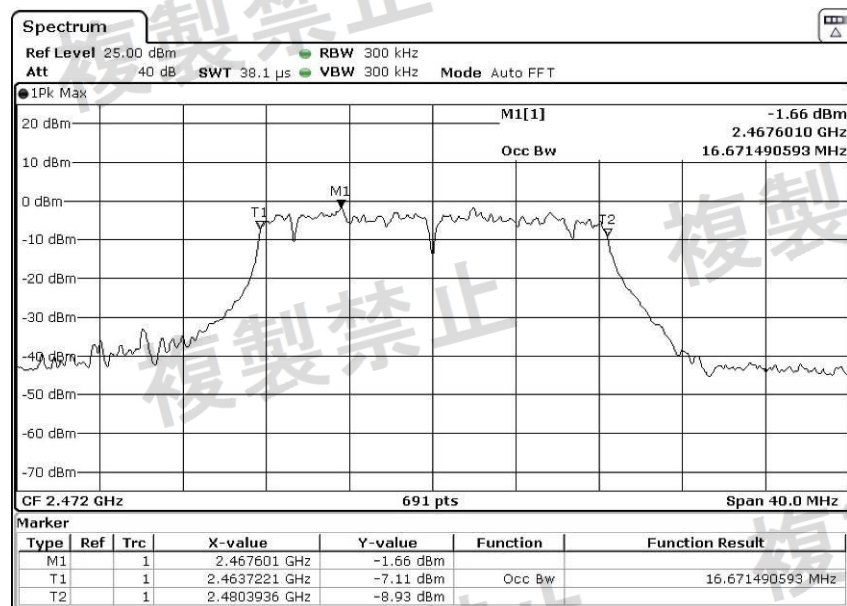
Date : 2026-08-12
No. : DM26060408

Page 18 of 57

2442MHz



2472MHz



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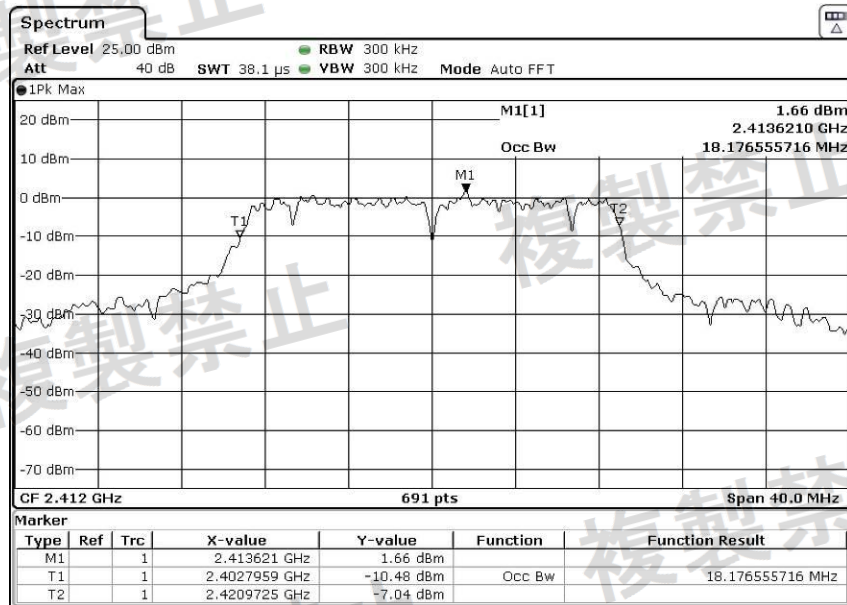


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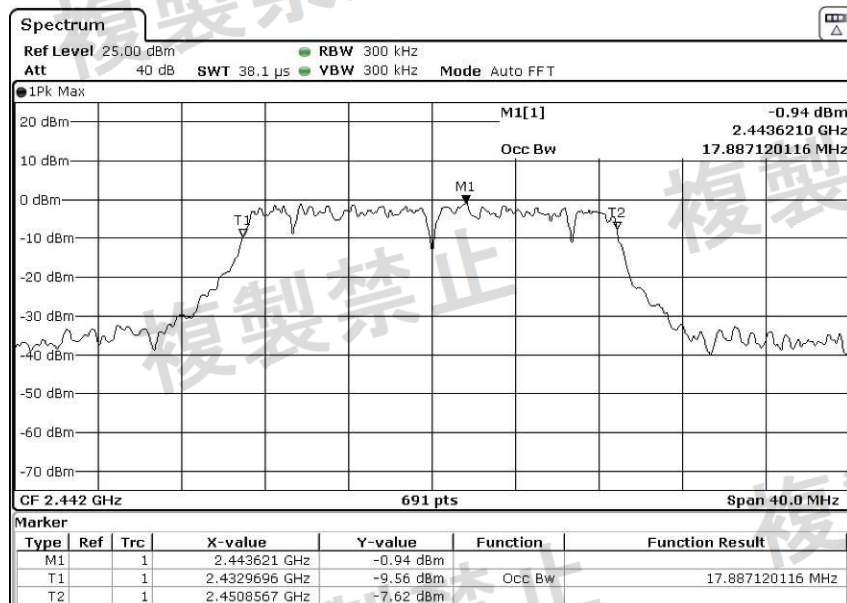
Date : 2026-08-12
No. : DM26060408

Page 19 of 57

802.11n20
2412MHz



2442MHz



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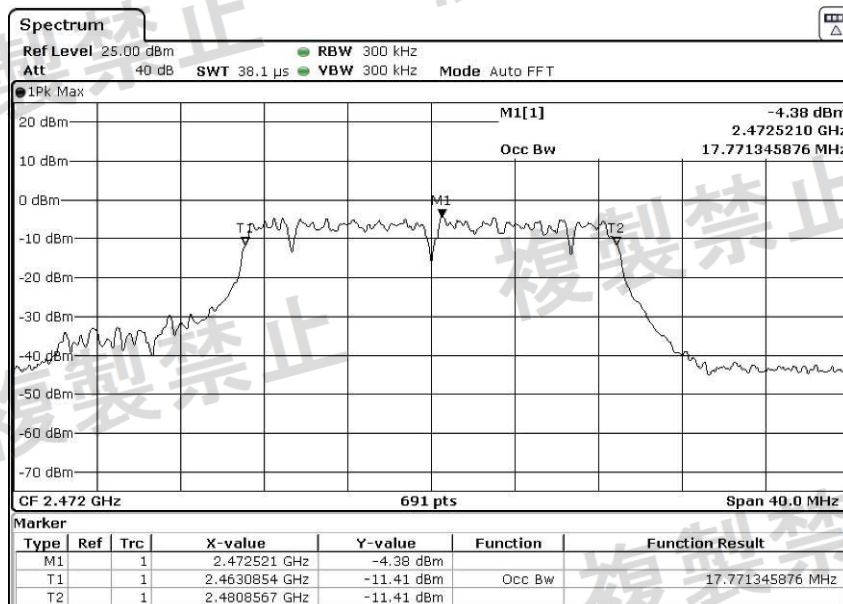


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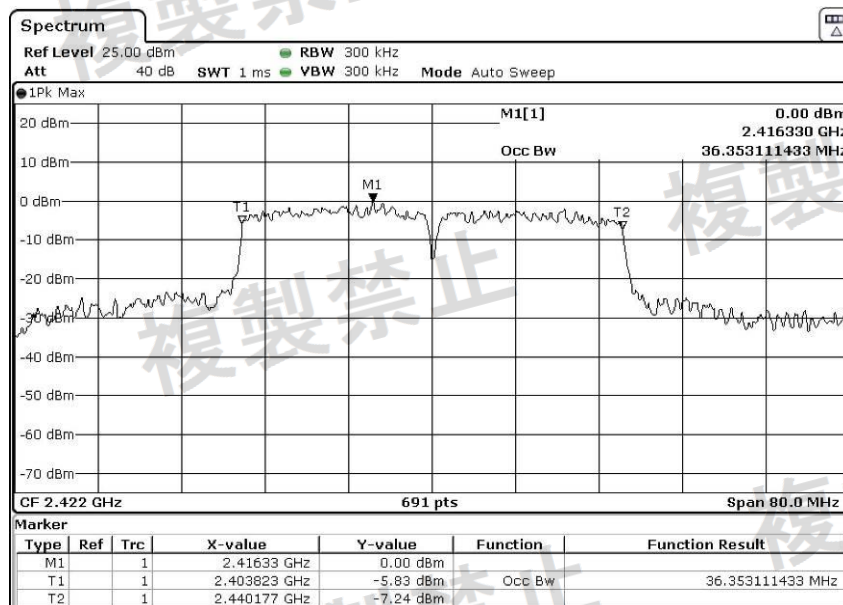
Date : 2026-08-12
No. : DM26060408

Page 20 of 57

2472MHz



802.11n40
2422MHz



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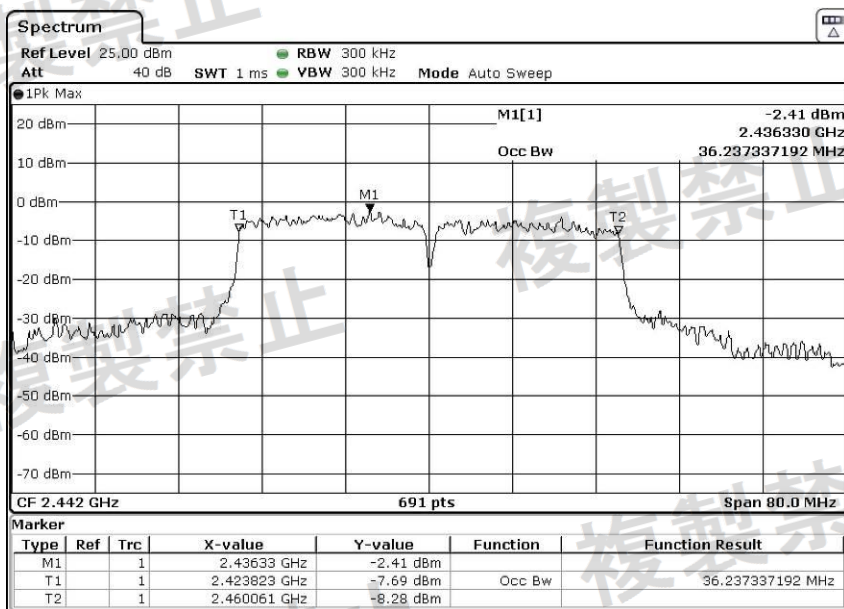


Test Report

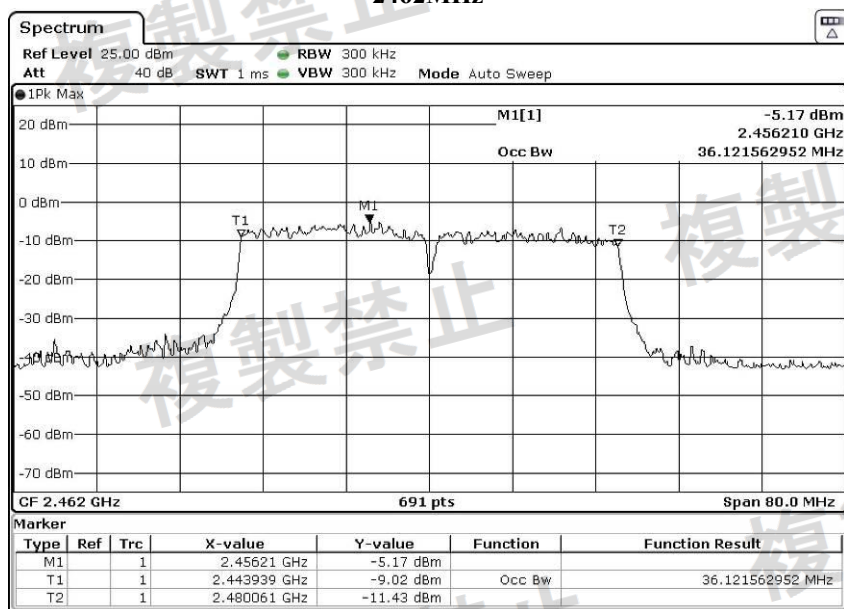
Date : 2026-08-12
No. : DM26060408

Page 21 of 57

2442MHz



2462MHz



Number of Carriers:

This device has more than 1 subcarrier in 1MHz, compliances with the requirement.

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 22 of 57

3.4 Spread Bandwidth

Ambient temperature 25.8°C

Relative humidity 55.6%

3.4.1 Limit

Item	Limits
Spread bandwidth	$\geq 500\text{kHz}$

3.4.2 Test Procedures

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test

Resolution BW: 300kHz

Video BW: 300kHz

Span Frequency: 40MHz or 80MHz

Sweep data points: 500 or greater

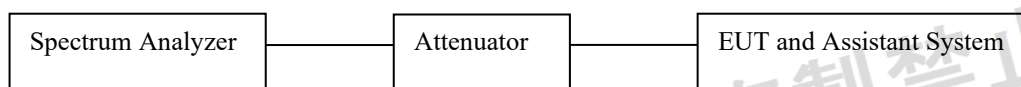
Sweep time: Auto

Detector: Peak

Trace Mode: Max Hold

(2) When the trace is complete, measure the spread bandwidth (90% bandwidth) with spectrum analyzer's bandwidth measure function.

3.4.3 Test Setup



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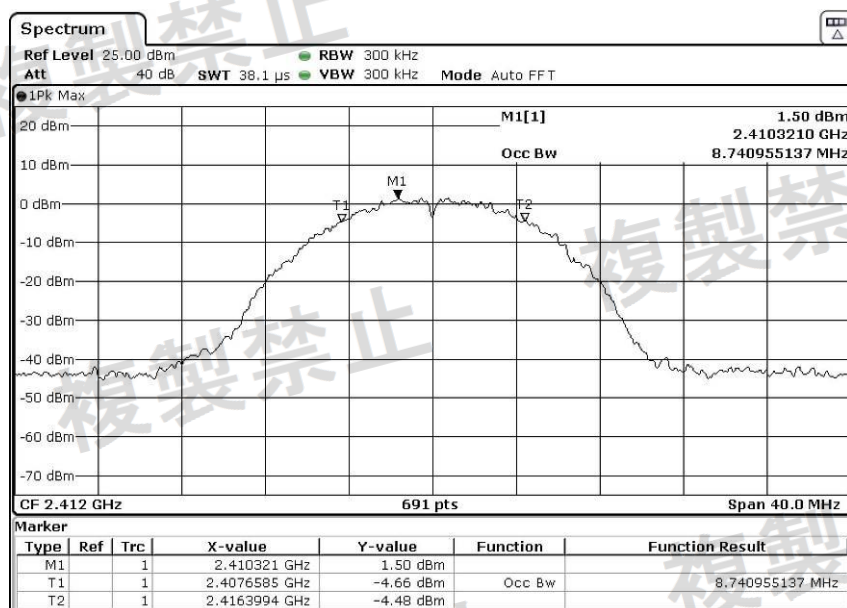
Date : 2026-08-12
No. : DM26060408

Page 23 of 57

3.4.4 Test Result: PASS

Mode	Frequency (MHz)	Measured (MHz)	Limit (kHz)	Spreading factor	Limit
802.11b	2412	8.740955	≥ 500	6.357058	≥ 5
	2442	9.030390	≥ 500	6.567556	≥ 5
	2472	9.914646	≥ 500	7.210652	≥ 5
Note: Spreading factor (only applies DSSS): 90% bandwidth/1.375					

2412MHz



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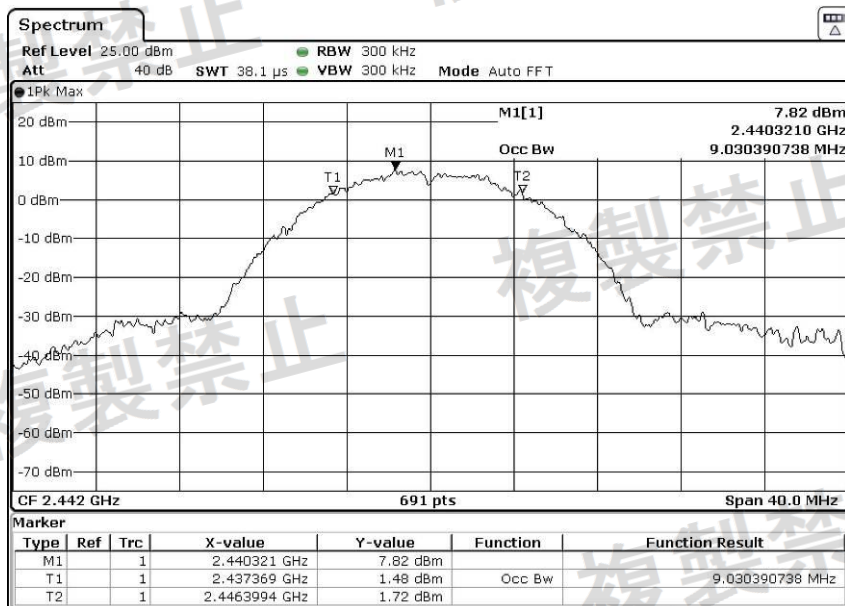


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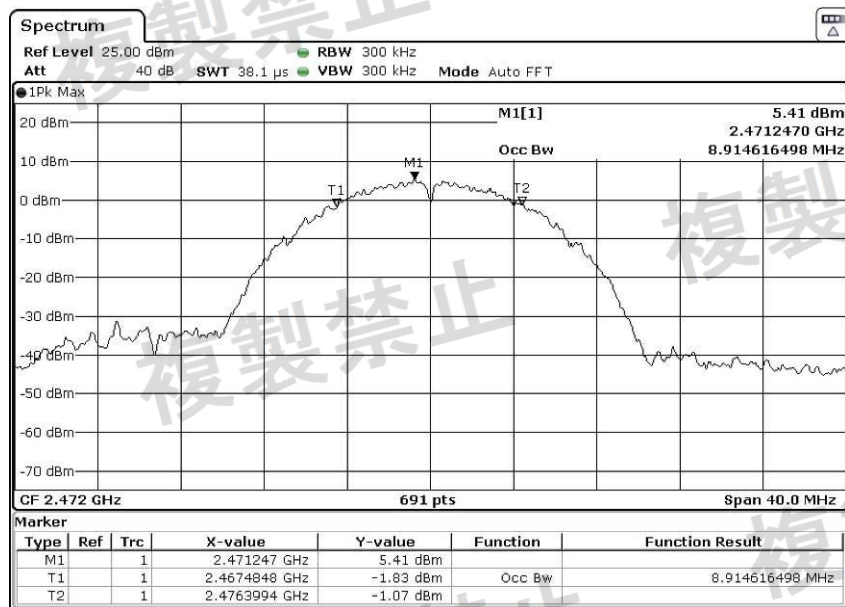
Date : 2026-08-12
No. : DM26060408

Page 24 of 57

2442MHz



2472MHz



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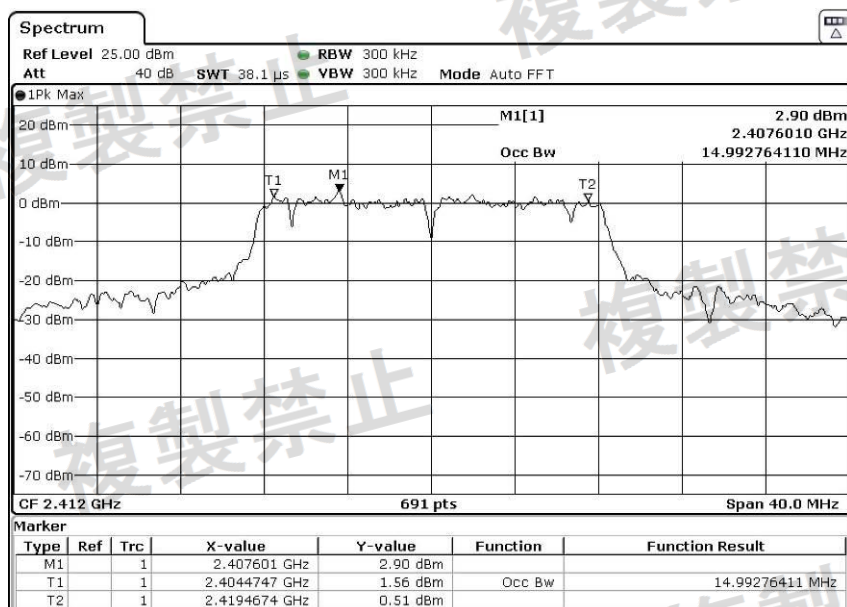
Test Report

Date : 2026-08-12
No. : DM26060408

Page 25 of 57

Mode	Frequency (MHz)	Measured (MHz)	Limit (kHz)
802.11g	2412	14.99276	≥ 500
	2442	14.99276	≥ 500
	2472	14.99276	≥ 500

2412MHz



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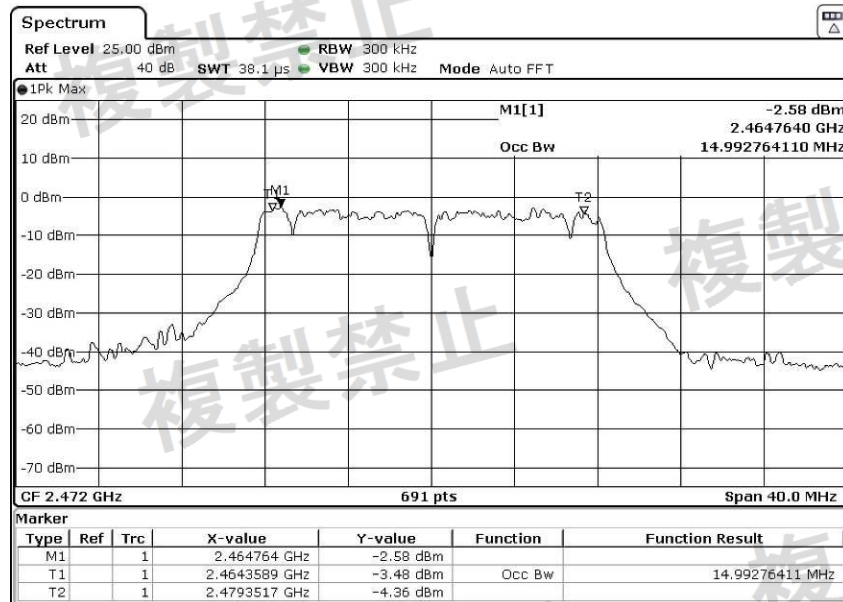
Date : 2026-08-12
No. : DM26060408

Page 26 of 57

2442MHz



2472MHz



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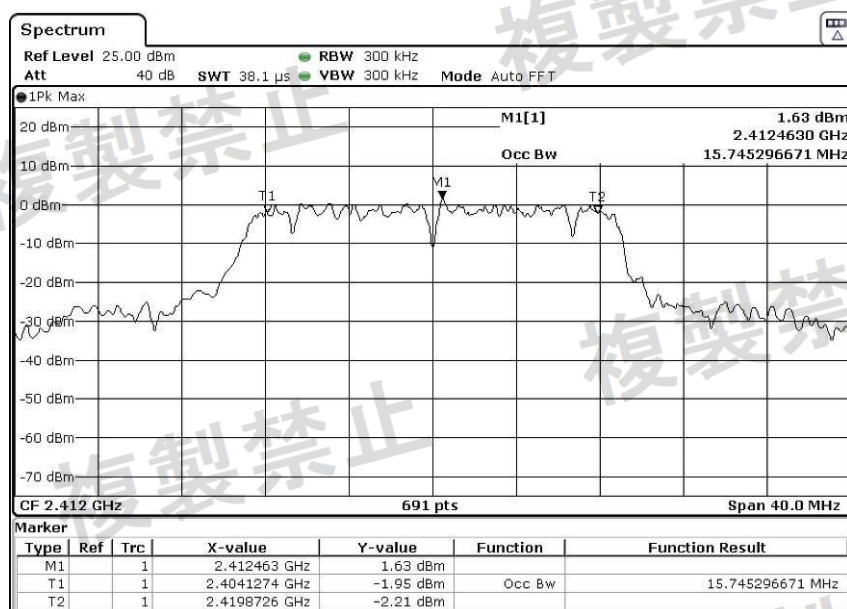
Test Report

Date : 2026-08-12
No. : DM26060408

Page 27 of 57

Mode	Frequency (MHz)	Measured (MHz)	Limit (kHz)
802.11n20	2412	15.74529	≥ 500
	2442	15.86107	≥ 500
	2472	15.97684	≥ 500

2412MHz



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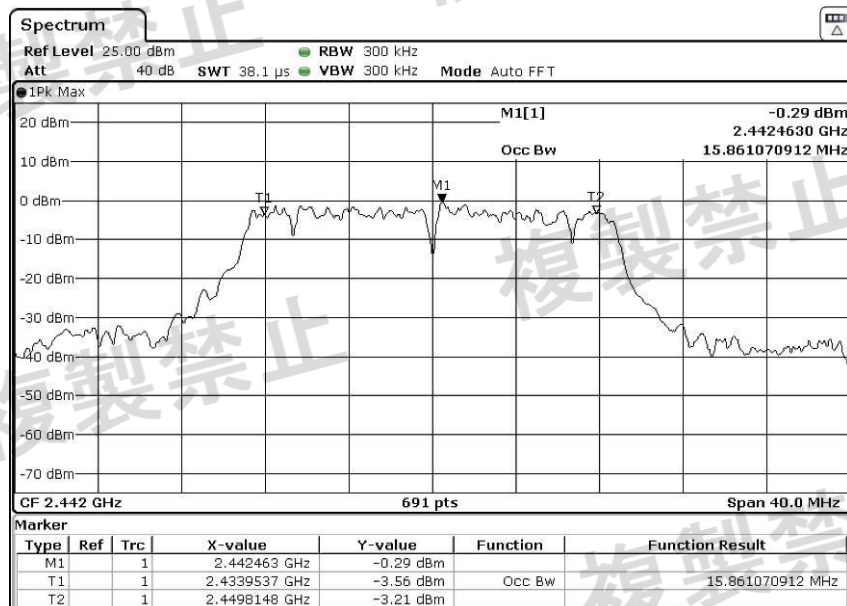


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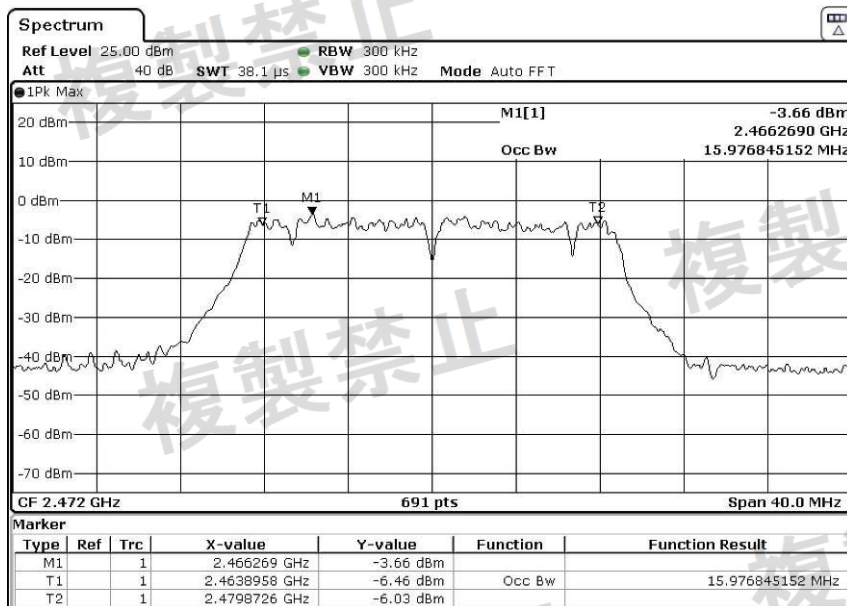
Date : 2026-08-12
No. : DM26060408

Page 28 of 57

2442MHz



2472MHz



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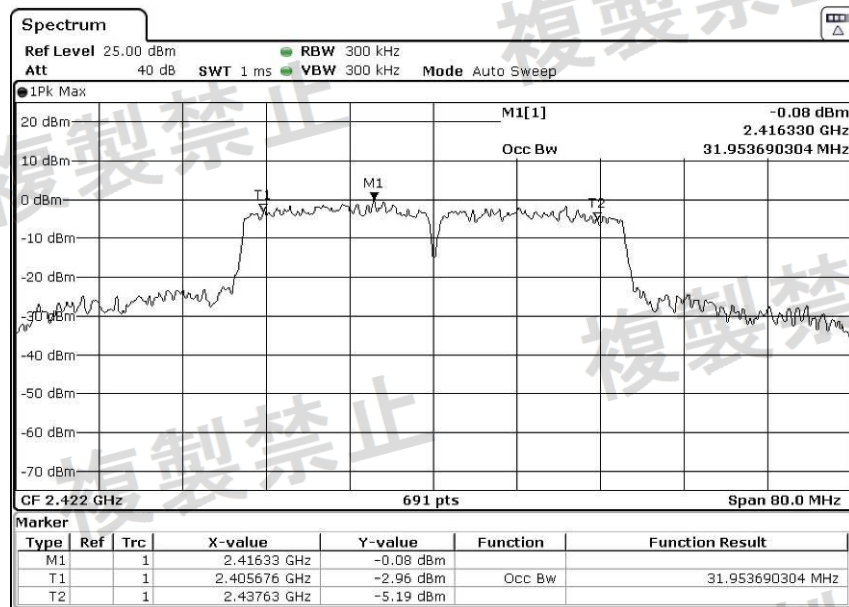
Test Report

Date : 2026-08-12
No. : DM26060408

Page 29 of 57

Mode	Frequency (MHz)	Measured (MHz)	Limit (kHz)
802.11n40	2422	31.95369	≥ 500
	2442	31.83791	≥ 500
	2462	31.83791	≥ 500

2422MHz



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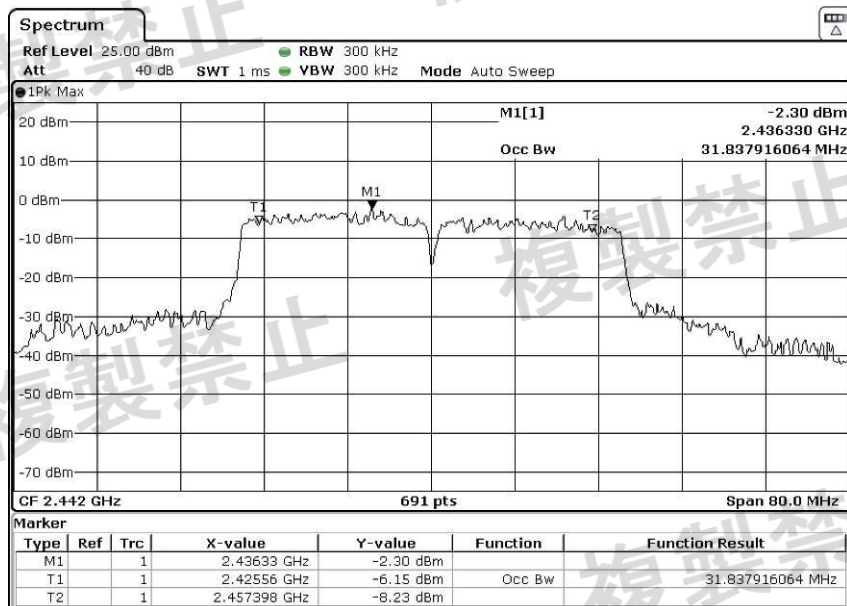


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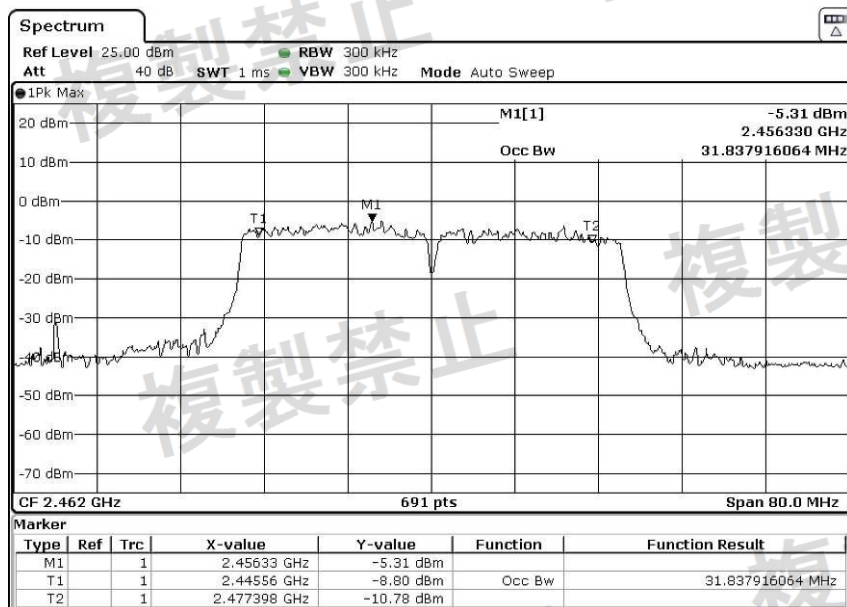
Date : 2026-08-12
No. : DM26060408

Page 30 of 57

2442MHz



2462MHz



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Test Report

Date : 2026-08-12
No. : DM26060408

Page 31 of 57

3.5 Transmitter Spurious Emissions (conducted)

Ambient temperature 25.8°C

Relative humidity 55.6%

3.5.1 Limit

Permissible mean power of spurious emission of each frequency supplied to a feeder, that is, mean power of spurious emission in the 1 MHz bandwidth at frequency f other than frequency band used shall be as follows:

- a. $2,387\text{MHz} \leq f \leq 2,400\text{MHz}$ and $2,483.5\text{MHz} < f \leq 2,496.5\text{MHz}$ 25 μW or less
- b. $2,387\text{MHz} > f$ and $2,496.5\text{MHz} < f$ 2.5 μW or less

3.5.2 Test Procedures

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Below 1GHz

Resolution BW: 100kHz

Video BW: 300kHz

Detector: Peak

Trace Mode: Max Hold

Over 1GHz

Resolution BW: 1MHz

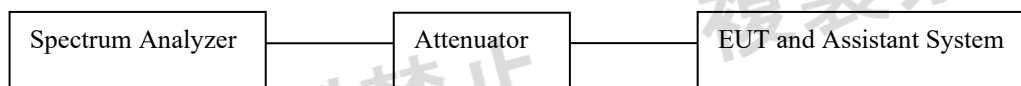
Video BW: 1MHz

Detector: Peak

Trace Mode: Max Hold

(2) All the emissions from 30MHz to 13GHz were measured and record.

3.5.3 Test Setup



3.5.4 Test Result: PASS

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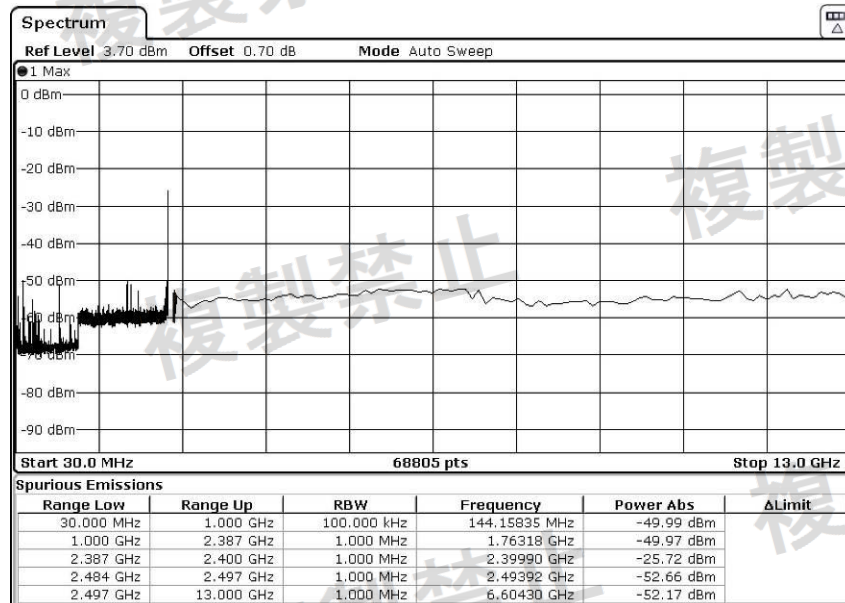
Date : 2026-08-12
No. : DM26060408

Page 32 of 57

802.11b

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (GHz)	Result (dBm)	Limit
2412	30-1000	0.14415835	-49.99	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	1.76318	-49.97	
	2387-2400	2.39990	-25.72	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.49392	-52.66	
	2496.5-13000	6.60430	-52.17	$\leq 2.5\mu\text{W}(-26\text{dBm})$
2442	30-1000	0.70457204	-49.11	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	2.36464	-52.18	
	2387-2400	2.39886	-41.21	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.48440	-43.46	
	2496.5-13000	12.22004	-48.65	$\leq 2.5\mu\text{W}(-26\text{dBm})$
2472	30-1000	0.14415835	-49.79	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	1.75590	-48.99	
	2387-2400	2.39910	-46.68	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.48356	-26.38	
	2496.5-13000	6.91629	50.32	$\leq 2.5\mu\text{W}(-26\text{dBm})$

Lowest Channel (2412MHz) 802.11b
30MHz-13GHz



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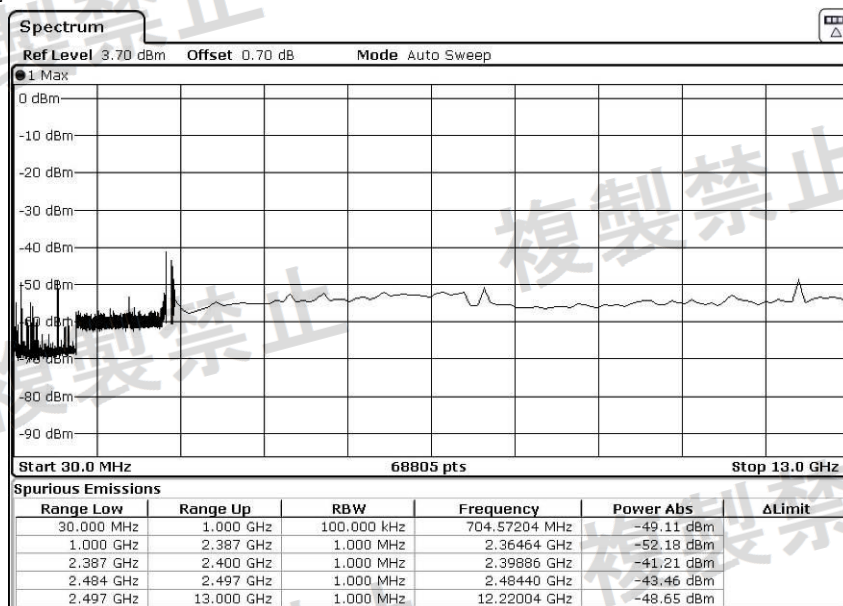


Test Report

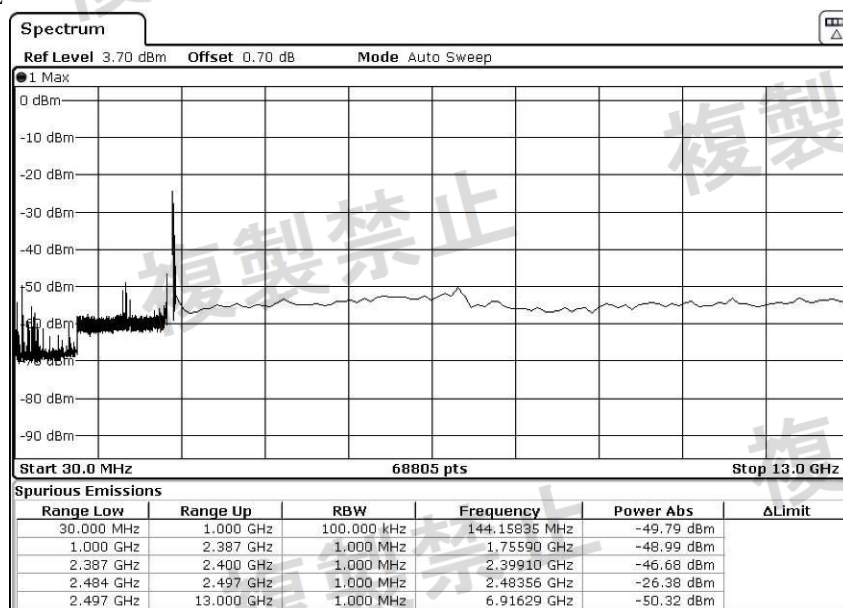
Date : 2026-08-12
No. : DM26060408

Page 33 of 57

Middle Channel (2442MHz) 802.11b
30MHz-13GHz



High Channel (2472MHz) 802.11b
30MHz-13GHz



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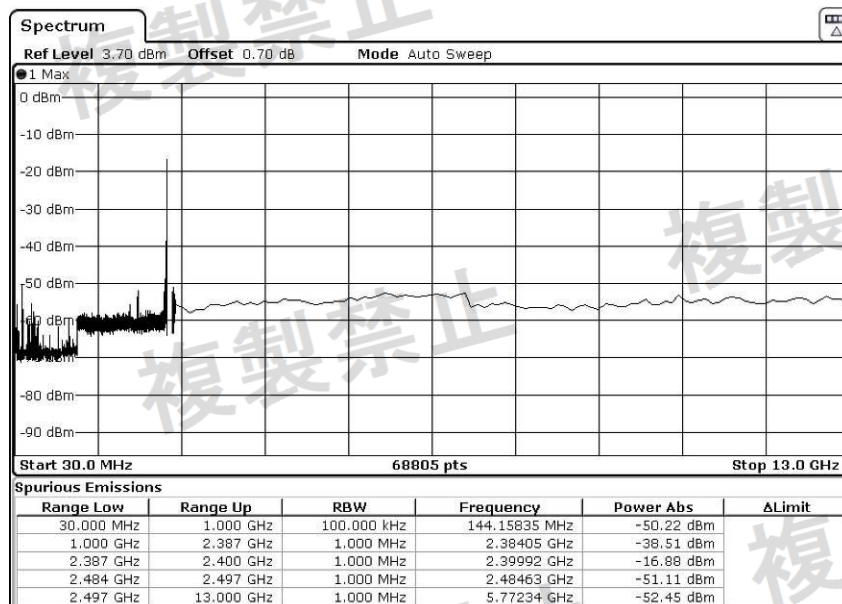
Date : 2026-08-12
No. : DM26060408

Page 34 of 57

802.11g

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (GHz)	Result (dBm)	Limit
2412	30-1000	0.14415835	-50.22	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	2.38405	-38.51	
	2387-2400	2.39992	-16.88	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.48463	-51.11	
	2496.5-13000	5.77234	-52.45	$\leq 2.5\mu\text{W}(-26\text{dBm})$
2442	30-1000	0.14415835	-49.88	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	1.81899	-55.63	
	2387-2400	2.39970	-40.99	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.48691	-43.81	
	2496.5-13000	5.87634	-51.90	$\leq 2.5\mu\text{W}(-26\text{dBm})$
2472	30-1000	0.14415835	-50.41	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	1.82246	-52.11	
	2387-2400	2.39958	-47.15	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.48357	-26.21	
	2496.5-13000	2.54850	-47.86	$\leq 2.5\mu\text{W}(-26\text{dBm})$

Lowest Channel (2412MHz) 802.11g
30MHz-13GHz



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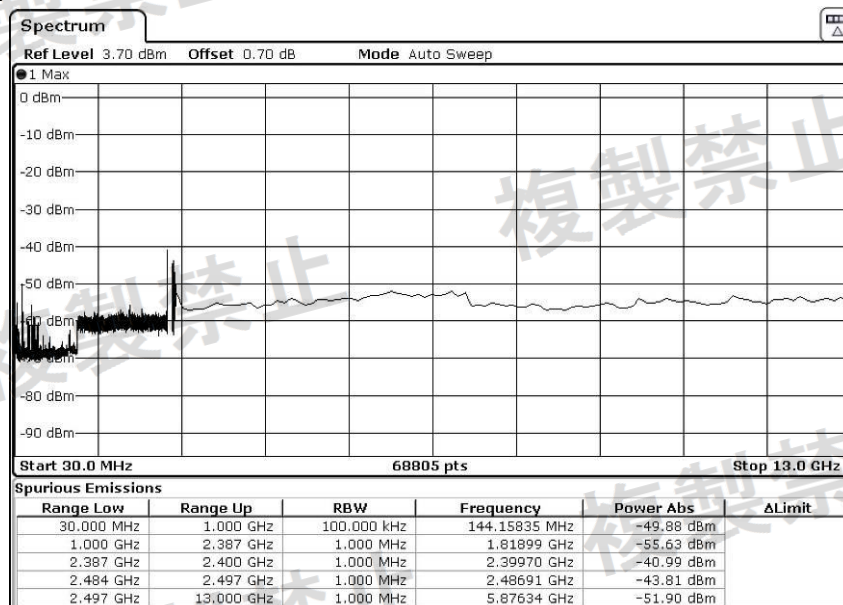


Test Report

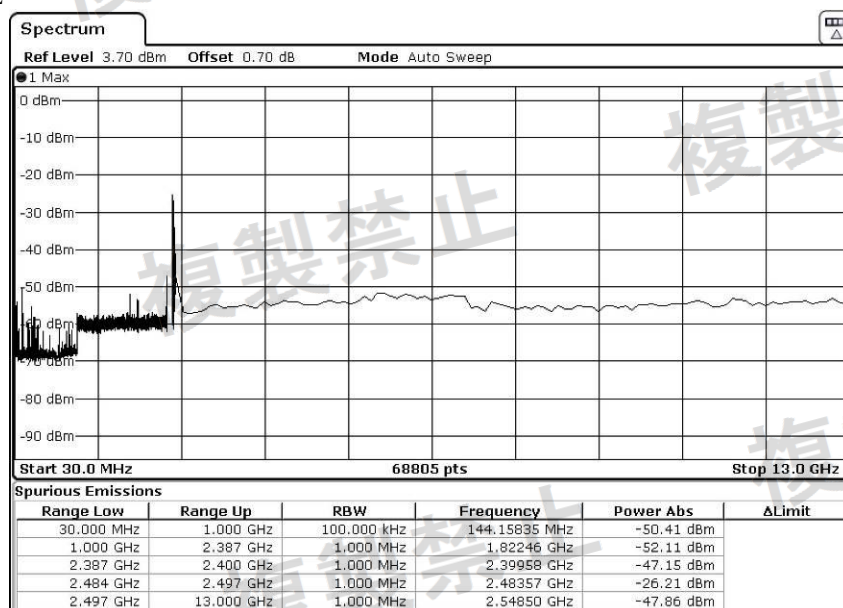
Date : 2026-08-12
No. : DM26060408

Page 35 of 57

Middle Channel (2442MHz) 802.11g
30MHz-13GHz



High Channel (2472MHz) 802.11g
30MHz-13GHz



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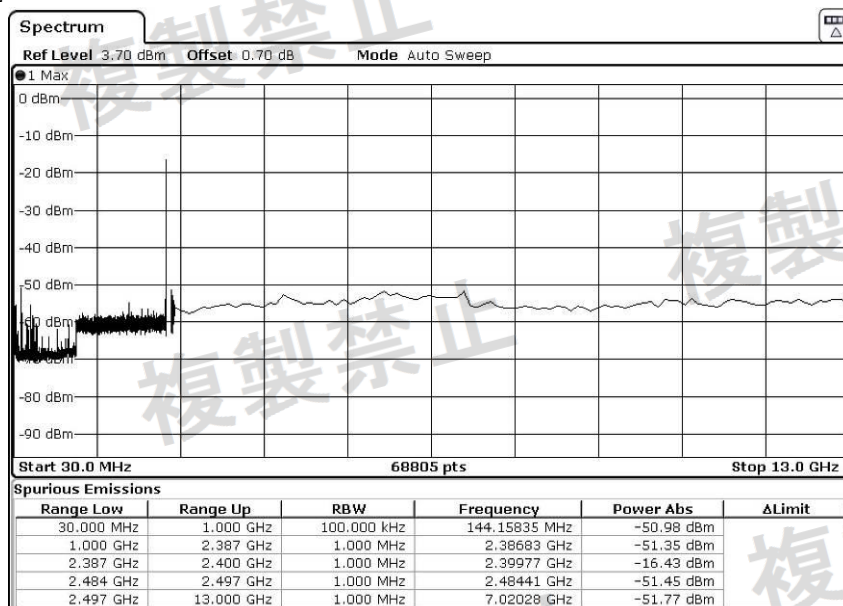
Date : 2026-08-12
No. : DM26060408

Page 36 of 57

802.11n20

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (GHz)	Result (dBm)	Limit
2412	30-1000	0.14415835	-50.98	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	2.38683	-51.35	
	2387-2400	2.39977	-16.43	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.48441	-51.45	
	2496.5-13000	7.02028	-51.77	$\leq 2.5\mu\text{W}(-26\text{dBm})$
2442	30-1000	0.14415835	-50.14	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	1.72123	-46.25	
	2387-2400	2.39978	-45.07	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.49625	-49.74	
	2496.5-13000	2.54850	-50.63	$\leq 2.5\mu\text{W}(-26\text{dBm})$
2472	30-1000	0.14415835	-50.10	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	1.94240	-48.37	
	2387-2400	2.39974	-47.44	$\leq 25\mu\text{W}(-16\text{dBm})$
	2483.5-2496.5	2.48350	-26.41	
	2496.5-13000	6.18832	-52.06	$\leq 2.5\mu\text{W}(-26\text{dBm})$

Lowest Channel (2412MHz) 802.11n20
30MHz-13GHz



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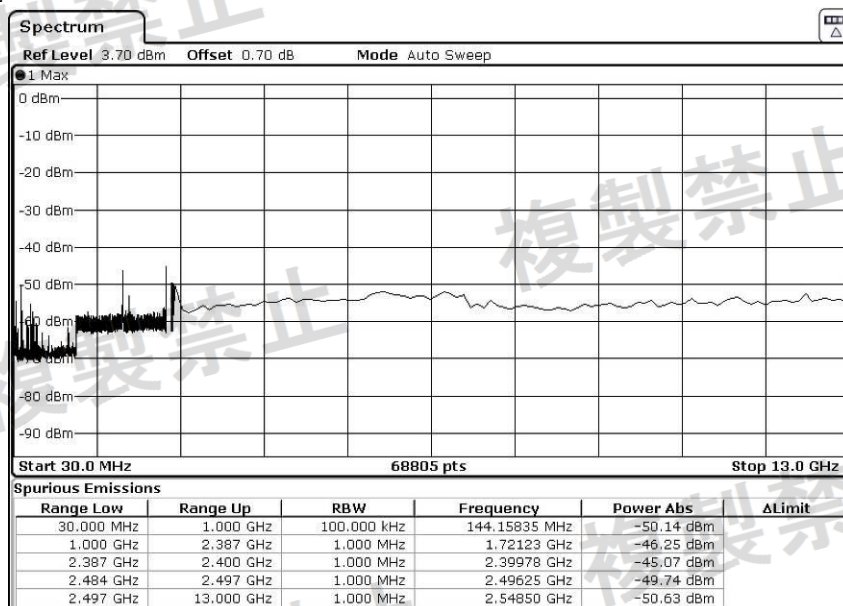


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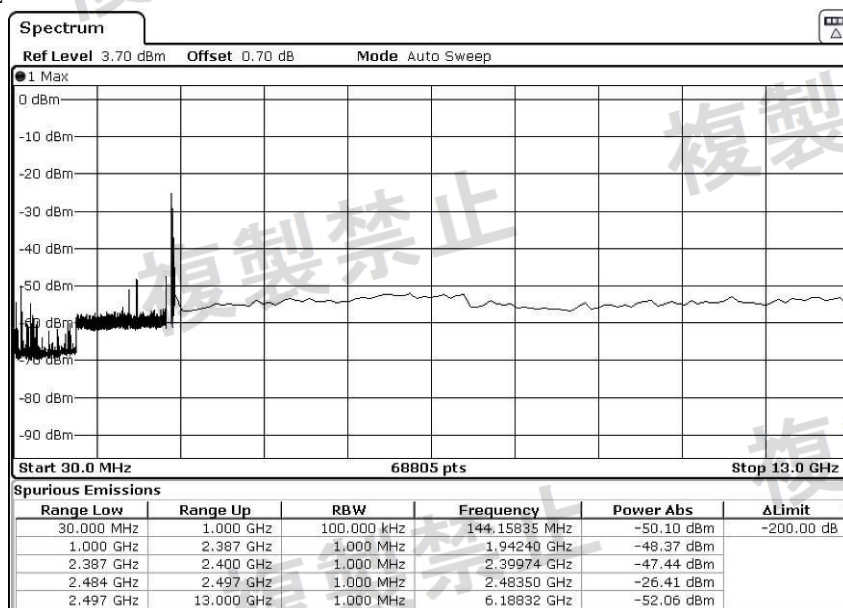
Date : 2026-08-12
No. : DM26060408

Page 37 of 57

Middle Channel (2442MHz) 802.11n20
30MHz-13GHz



High Channel (2472MHz) 802.11n20
30MHz-13GHz



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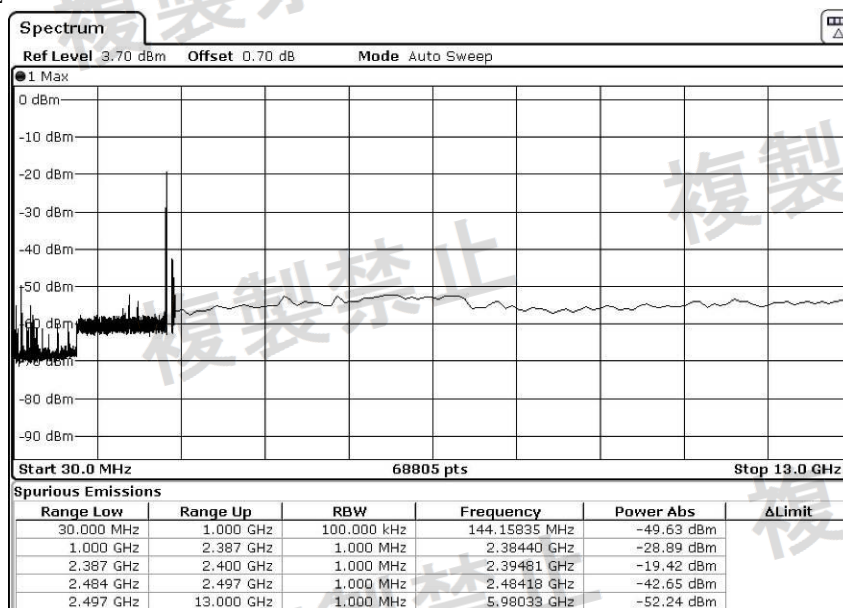
Date : 2026-08-12
No. : DM26060408

Page 38 of 57

802.11n40

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (GHz)	Result (dBm)	Limit
2422	30-1000	0.14415835	-49.63	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	2.38440	-28.89	$\leq 25\mu\text{W}(-16\text{dBm})$
	2387-2400	2.39481	-19.42	
	2483.5-2496.5	2.48418	-42.65	
	2496.5-13000	5.98033	-52.24	$\leq 2.5\mu\text{W}(-26\text{dBm})$
2442	30-1000	0.14415835	-49.36	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	2.38405	-44.20	$\leq 25\mu\text{W}(-16\text{dBm})$
	2387-2400	2.39587	-29.29	
	2483.5-2496.5	2.48351	-34.50	
	2496.5-13000	6.91629	-52.22	$\leq 2.5\mu\text{W}(-26\text{dBm})$
2462	30-1000	0.14415835	-50.40	$\leq 2.5\mu\text{W}(-26\text{dBm})$
	1000-2387	1.82350	-53.66	$\leq 25\mu\text{W}(-16\text{dBm})$
	2387-2400	2.39971	-46.27	
	2483.5-2496.5	2.48382	-27.91	
	2496.5-13000	6.91629	-50.54	$\leq 2.5\mu\text{W}(-26\text{dBm})$

Lowest Channel (2422MHz) 802.11n40 30MHz-13GHz



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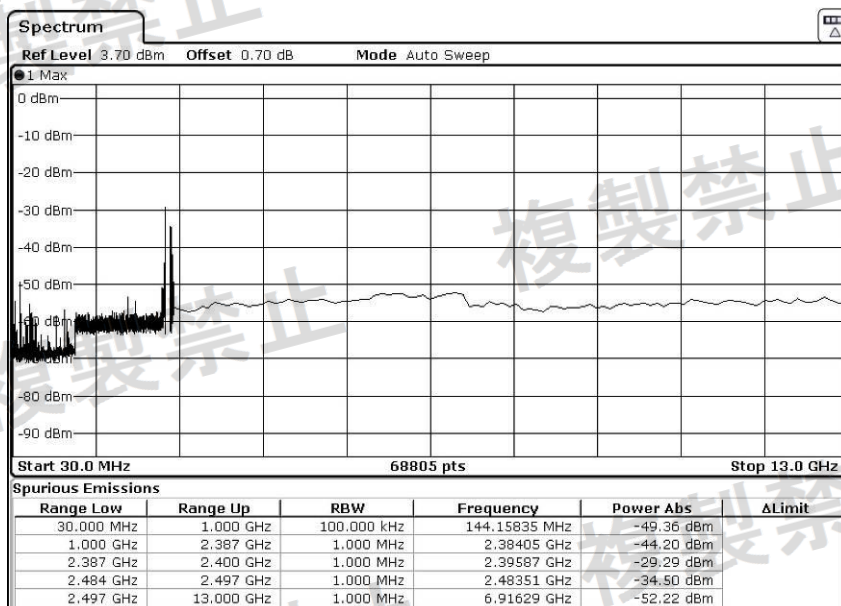


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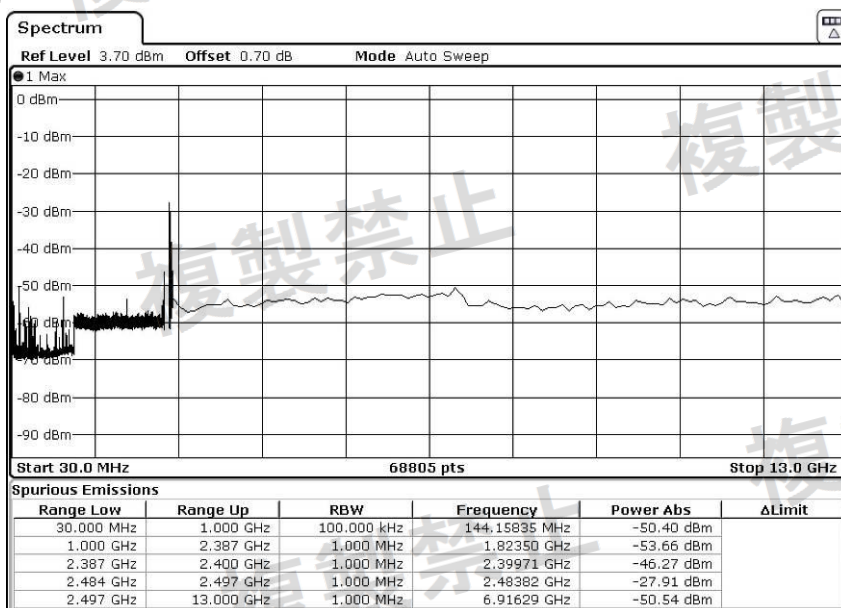
Date : 2026-08-12
No. : DM26060408

Page 39 of 57

Middle Channel (2442MHz) 802.11n40
30MHz-13GHz



High Channel (2462MHz) 802.11n40
30MHz-13GHz



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Test Report

Date : 2026-08-12
No. : DM26060408

Page 40 of 57

3.6 Secondary Radiated Emissions

Ambient temperature 25.8°C Relative humidity 55.6%

3.6.1 Limit

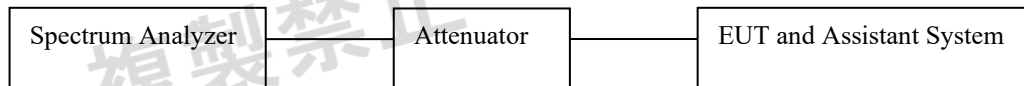
The limit on secondary emissions radiated from the receiving equipment within which the function of other radio equipment will not be impaired shall be, in terms of the power of a dummy antenna circuit that has the same electrical constant as the receiving antenna, 4 nW or less at a frequency below 1 GHz and 20 nW or less at a frequency of 1 GHz or higher as measured using the circuit.

3.6.2 Test Procedures

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:
Resolution BW: 100 kHz for frequency below 1GHz and 1MHz for frequency above 1GHz
Video BW: 300 kHz for frequency below 1GHz and 1MHz for frequency above 1GHz
Detector: Peak
Trace Mode: Max Hold

(2) All the emissions from 30MHz to 13GHz were measured and record.

3.6.3 Test Setup



3.6.4 Test Result: PASS

802.11b

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (GHz)	Result (dBm)	Limit
2412	30-1000	0.83464337	-62.06	≤4nW(-54dBm)
	1000-13000	1.81730	-60.54	≤20nW(-47dBm)
2442	30-1000	0.14415835	-61.72	≤4nW(-54dBm)
	1000-13000	2.41115	-60.77	≤20nW(-47dBm)
2472	30-1000	0.14415835	-62.25	≤4nW(-54dBm)
	1000-13000	2.41115	-62.30	≤20nW(-47dBm)

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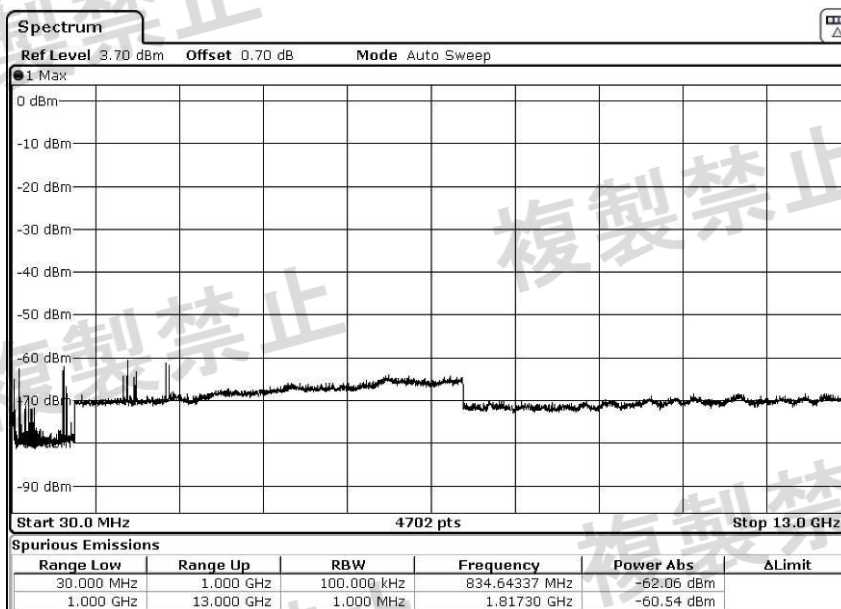


Test Report

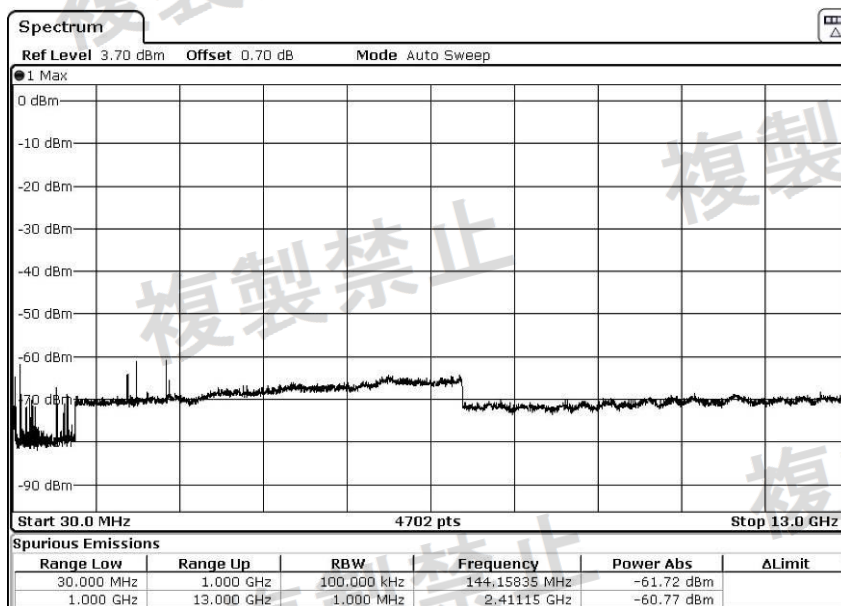
Date : 2026-08-12
No. : DM26060408

Page 41 of 57

Lowest Channel (2412MHz) 802.11b
30MHz-13GHz



Middle Channel (2442MHz) 802.11b
30MHz-13GHz



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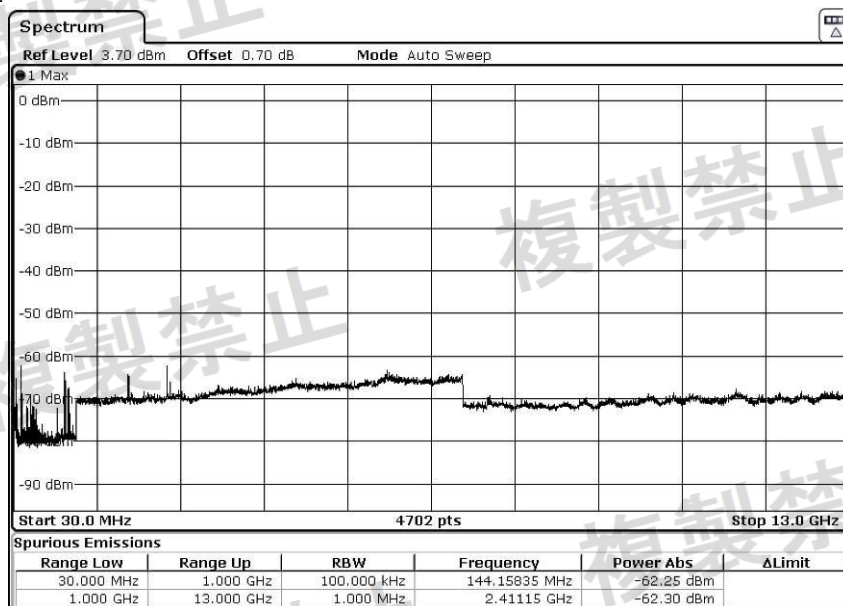


Test Report

Date : 2026-08-12
No. : DM26060408

Page 42 of 57

High Channel (2472MHz) 802.11b
30MHz-13GHz



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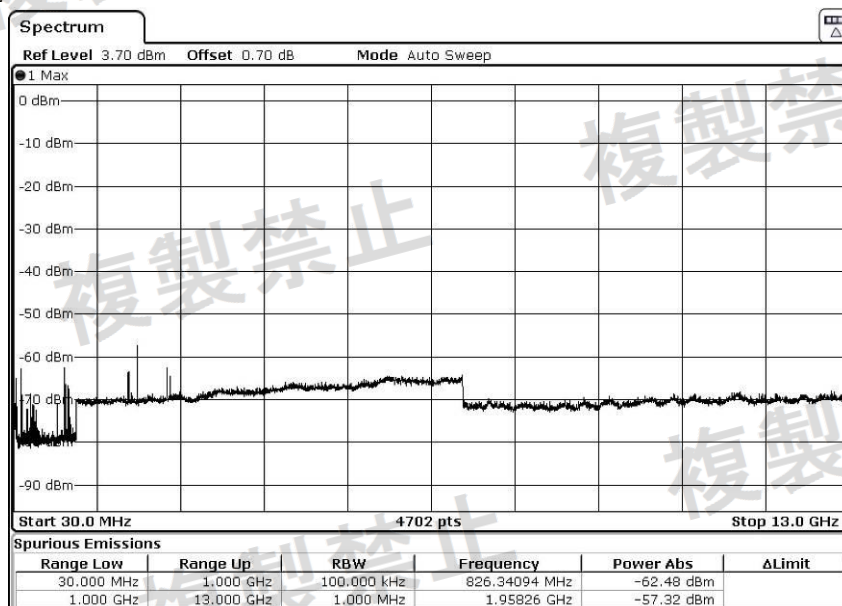
Date : 2026-08-12
No. : DM26060408

Page 43 of 57

802.11g

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (GHz)	Result (dBm)	Limit
2412	30-1000	0.82634094	-62.48	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	1.95826	-57.32	$\leq 20\text{nW}(-47\text{dBm})$
2442	30-1000	0.14415835	-62.68	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	2.42914	-58.79	$\leq 20\text{nW}(-47\text{dBm})$
2472	30-1000	0.14415835	-62.62	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	1.75431	-60.95	$\leq 20\text{nW}(-47\text{dBm})$

Lowest Channel (2412MHz) 802.11g
30MHz-13GHz



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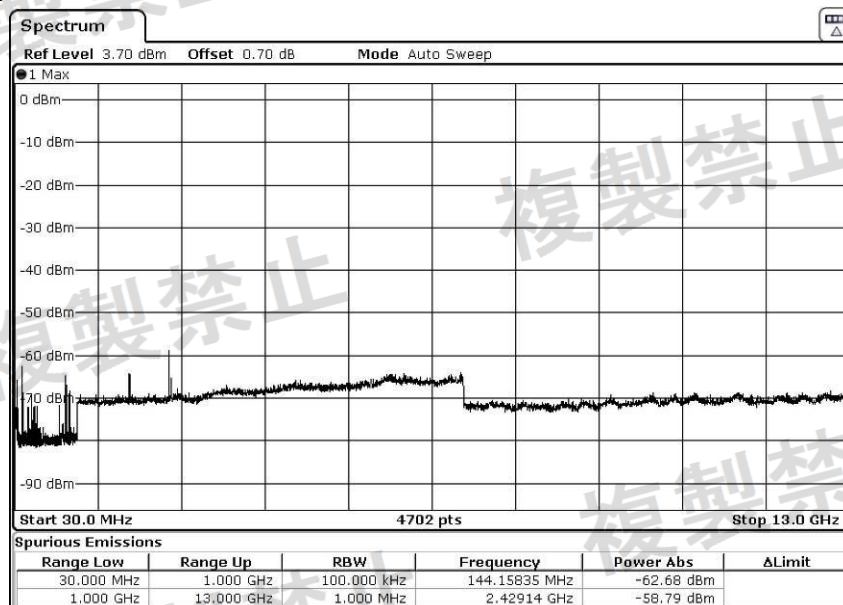


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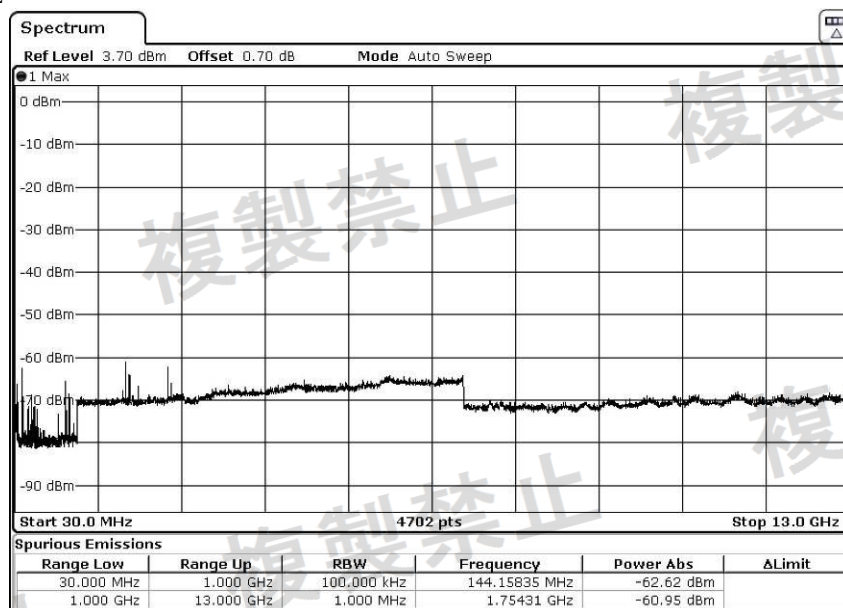
Date : 2026-08-12
No. : DM26060408

Page 44 of 57

Middle Channel (2442MHz) 802.11g
30MHz-13GHz



High Channel (2472MHz) 802.11g
30MHz-13GHz



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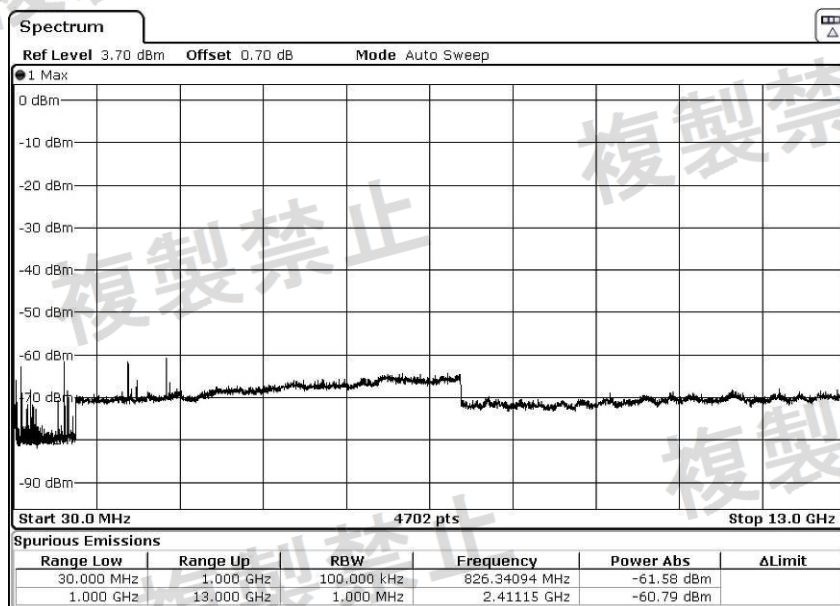
Date : 2026-08-12
No. : DM26060408

Page 45 of 57

802.11n20

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (GHz)	Result (dBm)	Limit
2412	30-1000	0.82634094	-61.58	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	2.41115 GHz	-60.79	$\leq 20\text{nW}(-47\text{dBm})$
2442	30-1000	0.14415835	-62.58	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	1.81130	-61.82	$\leq 20\text{nW}(-47\text{dBm})$
2472	30-1000	0.14415835	-62.92	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	1.94926	-57.43	$\leq 20\text{nW}(-47\text{dBm})$

Lowest Channel (2412MHz) 802.11n20
30MHz-13GHz



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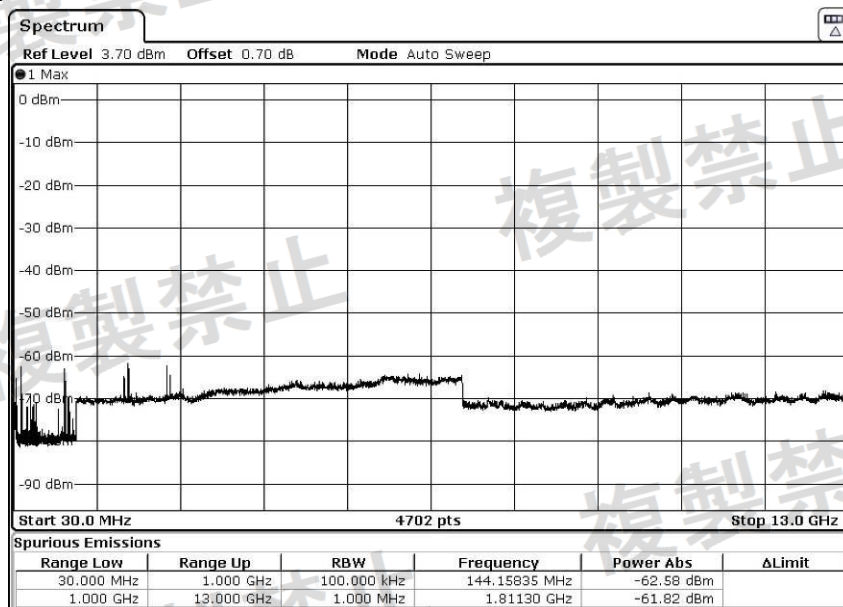


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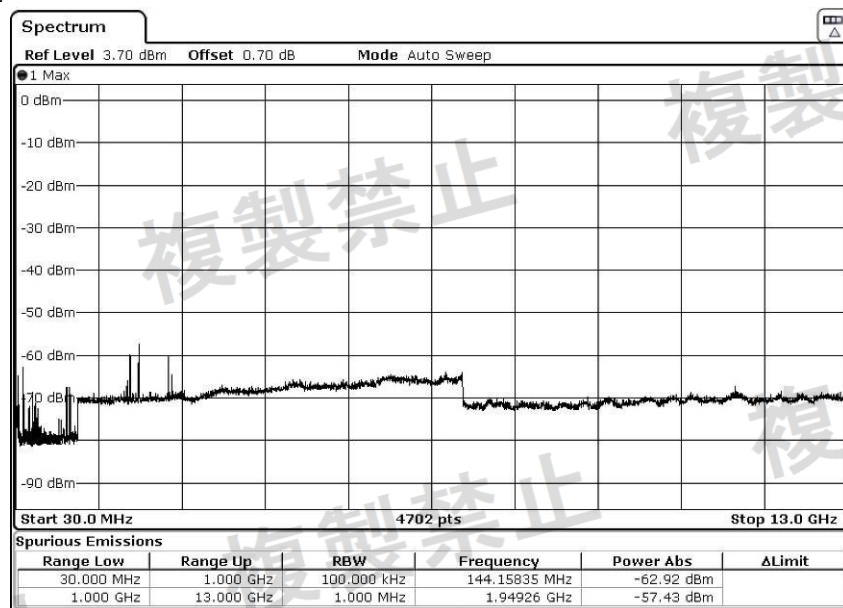
Date : 2026-08-12
No. : DM26060408

Page 46 of 57

Middle Channel (2442MHz) 802.11n20
30MHz-13GHz



High Channel (2472MHz) 802.11n20
30MHz-13GHz



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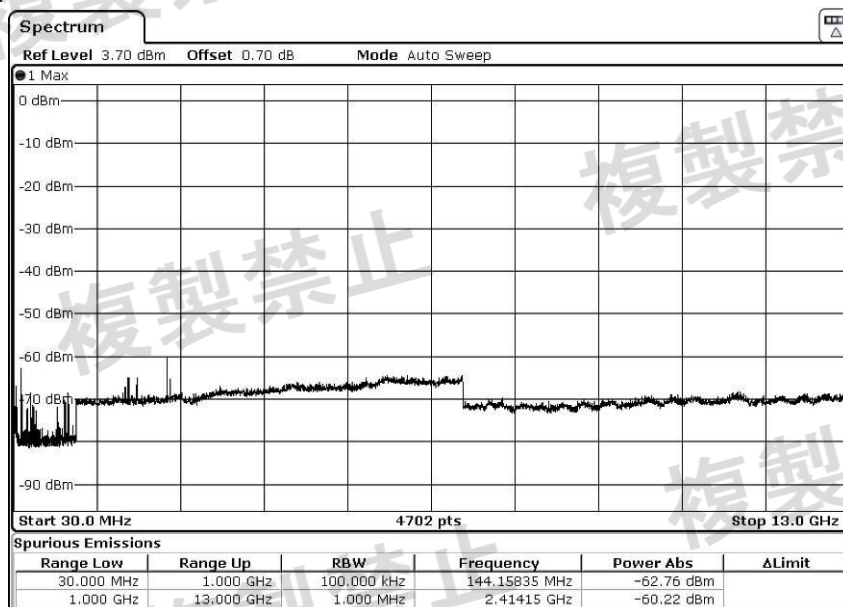
Date : 2026-08-12
No. : DM26060408

Page 47 of 57

802.11n40

Test Frequency (MHz)	Frequency Range (MHz)	Frequency (GHz)	Result (dBm)	Limit
2422	30-1000	0.14415835	-62.76	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	2.41415	-60.22	$\leq 20\text{nW}(-47\text{dBm})$
2442	30-1000	0.14415835	-62.94	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	1.81130	-60.21	$\leq 20\text{nW}(-47\text{dBm})$
2462	30-1000	0.14415835	-63.15	$\leq 4\text{nW}(-54\text{dBm})$
	1000-13000	1.95226	-61.88	$\leq 20\text{nW}(-47\text{dBm})$

Lowest Channel (2422MHz) 802.11n40
30MHz-13GHz



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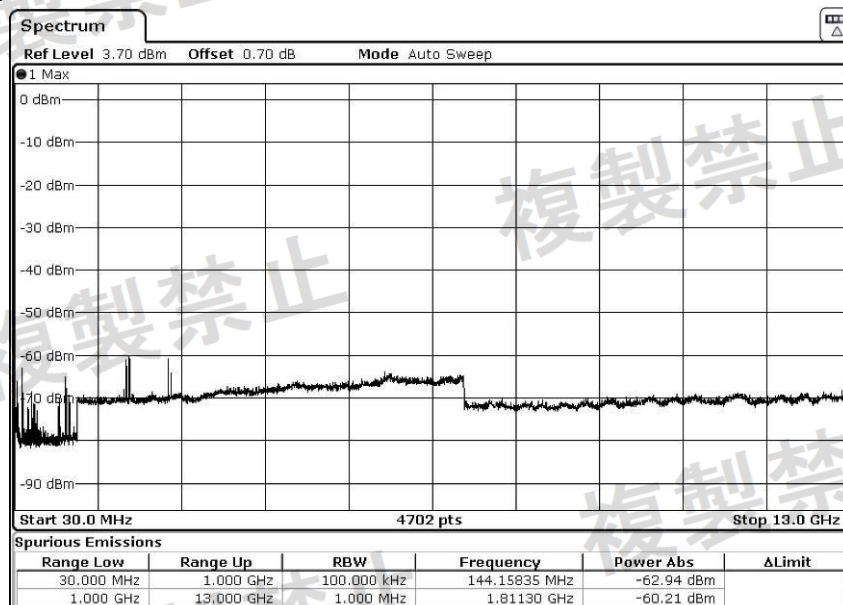


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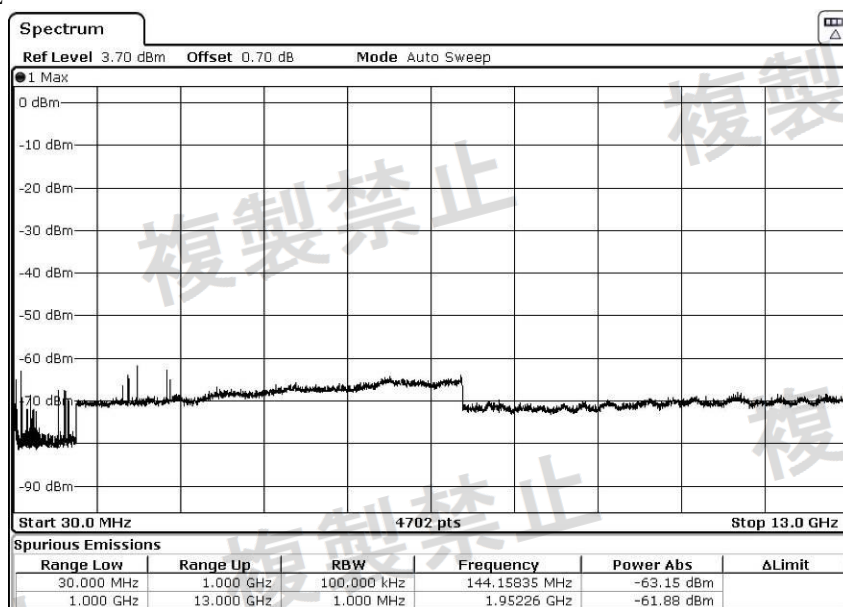
Date : 2026-08-12
No. : DM26060408

Page 48 of 57

Middle Channel (2442MHz) 802.11n40
30MHz-13GHz



High Channel (2462MHz) 802.11n20
30MHz-13GHz



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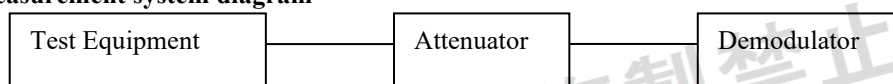
Page 49 of 57

3.7 Interference prevention function

Ambient temperature 25.8°C

Relative humidity 55.6%

3.7.1 Measurement system diagram



- a. When transmitting identification code
- b. Condition of measuring instrument
Demodulator must be able to demodulate the transmitting signal emitted by test equipment and to indicate the identification code.
- c. Condition of test equipment mode of normal use.

3.7.2 Measuring operation procedure

When test equipment has the function to transmit identification code automatically:

- a. Transmit the predetermined identification code from test equipment.
- b. Confirm the transmitted identification code by demodulator.

ID code: 70:68:71:a6:a0:63

3.7.3 Test result: Pass

The unit does meet the requirements.

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 50 of 57

APPENDIX A

List of Measurement Equipment

EQP NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATION COMPANY	DUE CAL
EMD161	SIGNAL ANALYZER	ROHDE & SCHWARZ	FSV	101438	CEPREI Calibration and Testing Centre	2027-06-25
EMD162	8-PORT MODULES FOR SWITCH UNITS	ROHDE & SCHWARZ	OSP-B157W8	100942	CEPREI Calibration and Testing Centre	2027-06-25
EMD-S13	RF TEST SOFTWARE	ROHDE & SCHWARZ	EMC32	V10.40.0.10	N/A	N/A
N/A	RF CABLE	JUNFLON	J12J103539-00-2	JAN-31-18-011	N/A	N/A
EMD100	THERMOHYGROGRAPH	SATO KEIRYOKI MFG.CO., LTD.	7210-00	1633581	CEPREI Calibration and Testing Centre	2026-11-13
ESD350	DC POWER SUPPLY	GWINSTEK	GPR-3060D	EK922727	CEPREI Calibration and Testing Centre	2027-03-11

Remark:
N/A Not Applicable

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Test Report

Date : 2026-08-12
No. : DM26060408

Page 51 of 57

APPENDIX B Photograph (S) Of Product

View of The Product



View of The Product



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Test Report

Date : 2026-08-12
No. : DM26060408

Page 52 of 57

Photograph (S) Of Product

View of The Product



Inside View of The Product



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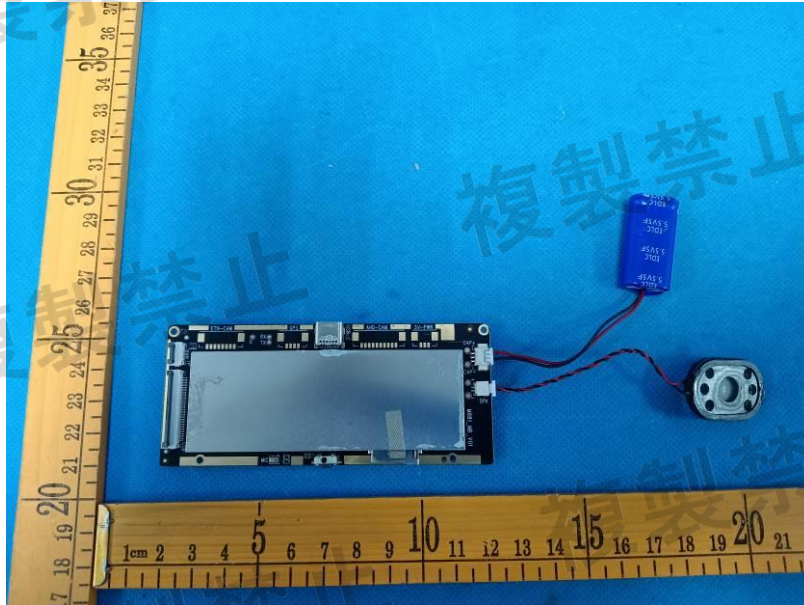
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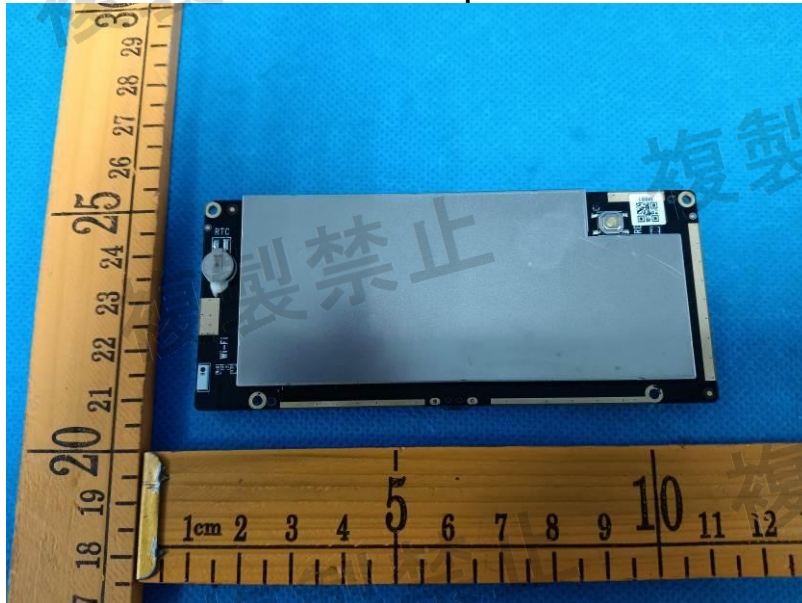
Page 53 of 57

Photograph (S) Of Product

Inner Circuit Bottom View



Inner Circuit Top View



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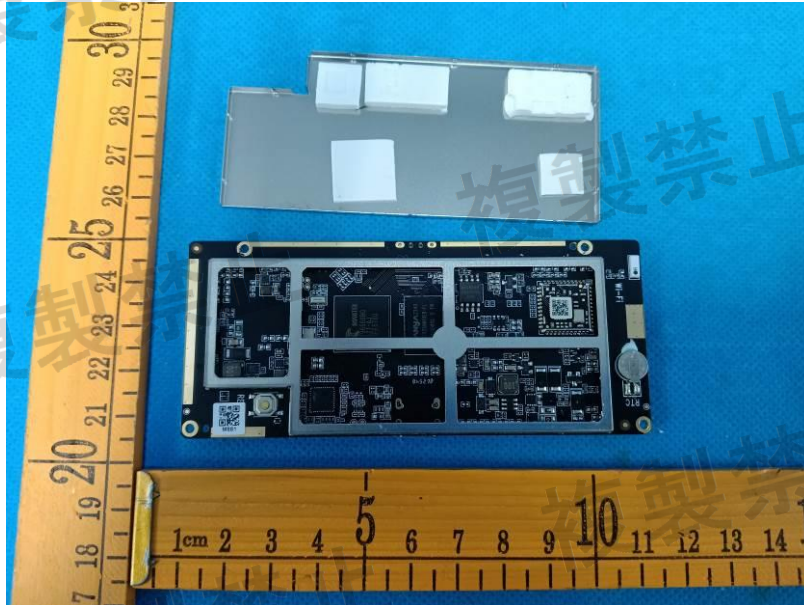
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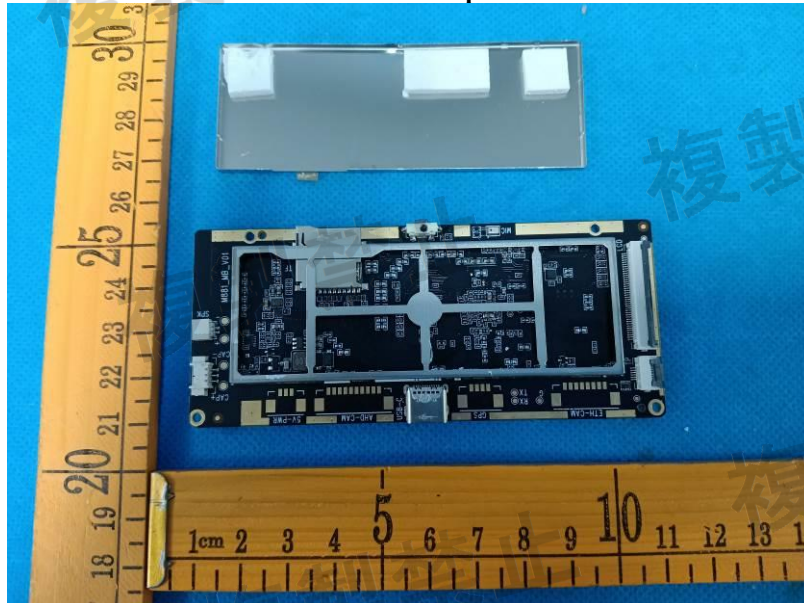
Page 54 of 57

Photograph (S) Of Product

Inner Circuit Bottom View



Inner Circuit Top View



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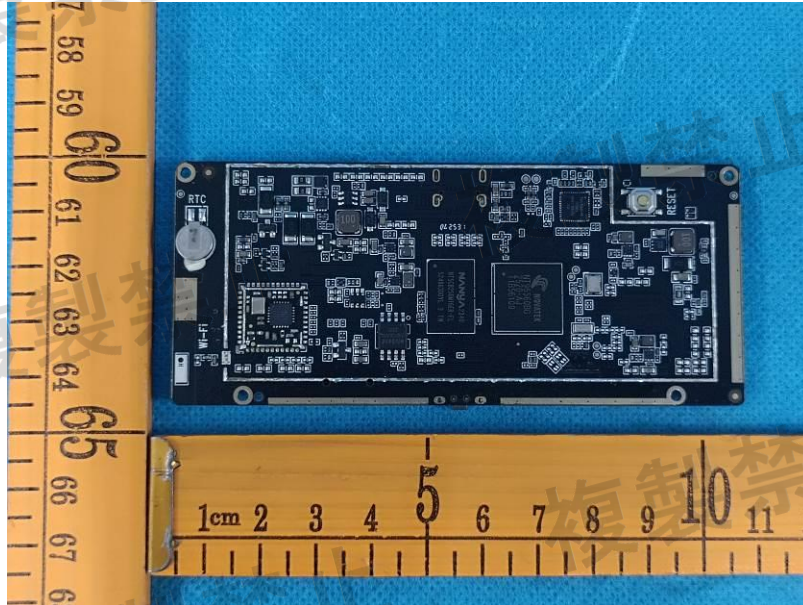
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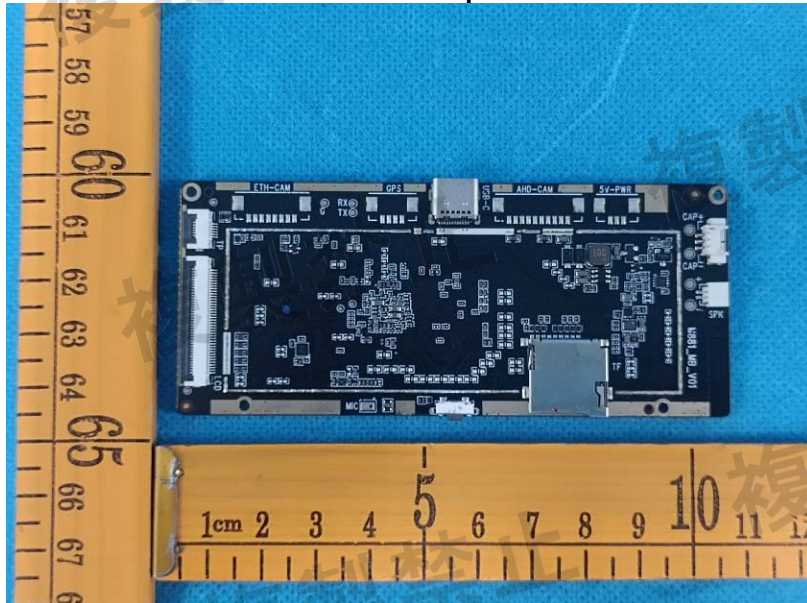
Page 55 of 57

Photograph (S) Of Product

Inner Circuit Bottom View



Inner Circuit Top View



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Test Report

Date : 2026-08-12
No. : DM26060408

Page 56 of 57

Photograph (S) Of Product

Inner Circuit Bottom View



Inner Circuit Top View



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Test Report

Date : 2026-08-12
No. : DM26060408

Page 57 of 57

Photograph (S) Of Product

Inner Circuit Top View



Test Setup



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2. Any report issued by the Company as a result of this application for testing service (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to his customer, supplier or other persons directly concerned. Subject to clause 3, the Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. The Company shall be at liberty to disclose the testing-related documents and/or files anytime to any third-party accreditation and/or recognition bodies for audit or other related purposes. No liabilities whatsoever shall attach to the Company's act of disclosure.
4. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
5. The results in the Report apply only to the sample as received and do not apply to the bulk, unless the sampling has been carried out by the Company and is stated as such in the Report. The Clients provide the sample's relevant information, and the Company will not be liable for or accept responsibility for the truth of the sample information.
6. When a statement of conformity to a specification or standard is provided, the ILAC-G8 Guidance document (and/or IEC Guide 115 in the electrotechnical sector) with 95% coverage probability will be adopted as a decision rule for the determination of conformity unless it is inherent in the requested specification or standard, or otherwise specified in the Report.
7. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
8. Sample submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
9. The Company will not be liable for or accept responsibility for any loss or damage whatsoever arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
10. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
11. Subject to the variable length of retention time for test data and report stored hereinto as to otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of this test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after the retention period. Under no circumstances shall we be liable for damages of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.
12. Issuance records of the Report are available on the internet at www.gdstc.group. Further enquiry of validity or verification of the Reports should be addressed to the Company.