

47 CFR PART 15 SUBPART C TEST REPORT

for

IZON LoRa Wireless Transmitter

Model No.: LRT-4000

FCC ID: 2BUXBLRT-4000

of

Applicant: Icon Process Controls Ltd

Address: 5115 S Nichol St Tampa, Florida, USA 33611

Tested and Prepared

By

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1072, TW1140, TW1146, TW1477, TW0037

Industry Canada filed test laboratory Reg. No.: 20037, 31634



Report No.: W6M22511-24833-C-1

6F., No. 58, Ln. 188, Rueiguang Rd., Neihu Dist., Taipei City , Taiwan (R.O.C.)
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Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

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1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems. The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.
4. Antenna gain is provided by applicant and laboratory issue relevant data and results.

Tester:

March 04, 2026

Rick Chen

Rick Chen.

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

March 04, 2026

Kevin Wang

Kevin Wang

Date

WTS

Name

Signature



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1.2 Testing laboratory

1.2.1 Location

10m OATS

No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,
New Taipei City 207, Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No. 99, Sec. 1, Balian Rd., Xizhi Dist.,
New Taipei City 221032, Taiwan (R.O.C.)

Worldwide Testing Services (Taiwan) Co., Ltd.
6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,
Taipei City 114, Taiwan (R.O.C.)
Tel: 886-2-6606-8877

1.2.2 Details of accreditation status

Accredited testing laboratory

FCC filed test laboratory Reg. No.: TW1072, TW1140, TW1146, TW1477, TW0037

Industry Canada filed test laboratory Reg. No.: 20037, 31634

Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd. :

Name: ./.
Accredited no.: ./.
Street: ./.
Town: ./.
Country: ./.

1.3 Application details

Approval holder

Name: Icon Process Controls Ltd
Street: 5115 S Nichol St Tampa,
Town: Florida,
Country: USA 33611

Manufacturer: (if applicable)

Name: ./.
Street: ./.
Town: ./.
Country: ./.

Application details

Date of receipt of test item: December 08, 2025

Date of test: from December 09, 2025 to February 11, 2026



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1.4 General information of Test item

Type of test item: IZON LoRa Wireless Transmitter

Model no.: LRT-4000

Multi-listing model no.: ./.

Brand name: Icon Process Controls

Power supply: 12/36Vd.c.

Technical data

Mode	Channel	Conducted Power (dBm)
LoRa	Group 608 : 902.5 MHz	21.05
	Group 797 : 915.125 MHz	21.51
	Group 983 : 927.5 MHz	21.79
LoRa	Group 608 : 902.5 MHz	20.70
	Group 797 : 915.125 MHz	21.45
	Group 983 : 927.5 MHz	21.65

Type of antenna: Dipole Antenna

Antenna gain: 3 dBi

Operation modes: Duplex

Modulation type: CSS

Sample no.: #04

1.5 Duty cycle and factor

The duty factor is computed as $[10 \log (1 / D)]$, where D is the duty cycle.

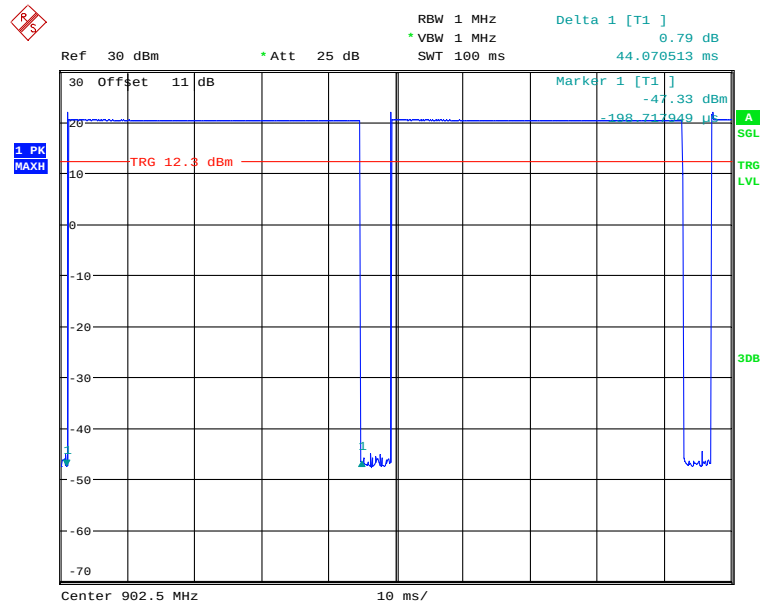
Mode	T _{on} (ms)	T _{on} +T _{off} (ms)	Duty cycle (%)	1/T - VBW (kHz)
LoRa	44.071	48.237	91.36	0.02



Registration number: W6M22511-24833-C-1

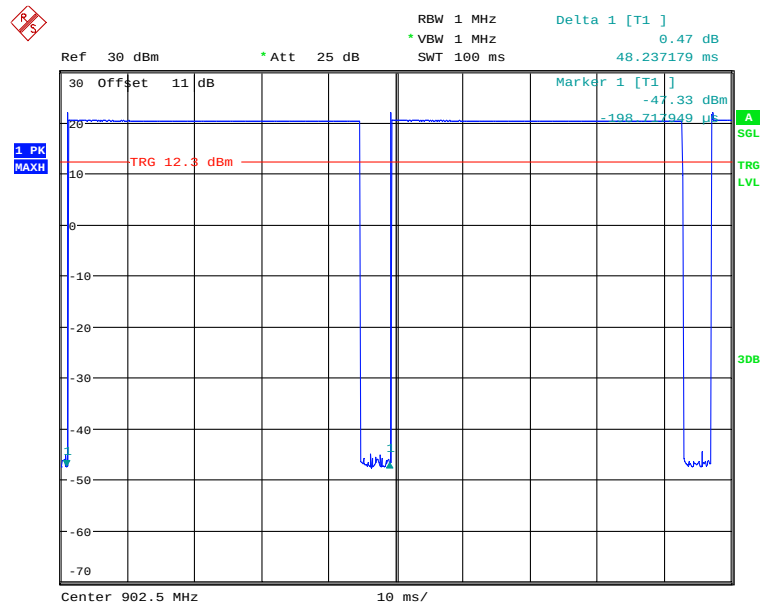
FCC ID: 2BUXBLRT-4000

Duty cycle plot



DUTY

Date: 3.FEB.2026 14:39:23



DUTY

Date: 3.FEB.2026 14:41:41

1.6 Test standards

47 CFR PART 15 SUBPART C § 15.247 (2024-10)

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



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2 Test configuration

2.1 Test environment

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Extreme conditions parameters: ./.

2.2 Measurement uncertainty

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Power Line Conducted Emission)	Expanded Uncertainty : AMN : 0.90 dB Voltage probe : 1.18 dB Include Pulse Limiter : 1.44 dB
Estimation Result of Uncertainty of Radiated Emission (3M-966A) (Spurious Emissions radiated – Transmitter operating)	Expanded Uncertainty : 0.009-30 MHz : 1.85 dB 30-1000 MHz : 4.21 dB 1-18 GHz : 3.19 dB 18-40 GHz : 1.90 dB
Estimation Result of Uncertainty of Bandwidth Measurement (Minimum 6 dB Bandwidth)	Expanded Uncertainty : 0.37 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement (Peak Output Power (transmitter))	Expanded Uncertainty : 1.49 dB
Estimation Result of Uncertainty of Power Density Measurement (Peak Power Spectral Density)	Expanded Uncertainty : 1.49 dB
Estimation Result of Uncertainty of Band Edge Measurement (Emissions in nonrestricted frequency bands)	Expanded Uncertainty : 0.63dBc

The decision rule is: Measurement uncertainty is not included in the calculation of test results.



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FCC ID: 2BUXBLRT-4000

2.3 Test Equipment List

Max Output Power & 6dB Bandwidth & Bandedge & Power Density & Duty

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2025/2/14	2026/2/13
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2025/3/5	2026/3/4
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2025/2/14	2026/2/13
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2025/2/14	2026/2/13

Spurious Emission(966A)

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2025/9/10	2026/9/9
ETSTW-RE 154	EMI Test Receiver	ESR3	102829	R&S	2025/4/9	2026/4/8
ETSTW-RE 160	Amplifier Module	CHC 3	None	WTS	2025/7/11	2026/7/10
ETSTW-RE 177	TRILOG Broadband Antenna	VULB 9168&EMCI-N-6-06	01380&AT-06007	SCHWARZBECK& EMC	2025/3/10	2026/3/9
ETSTW-RE 178	Double Ridged Guide Horn Antenna	DRH18-E	210505A18ES	RFSPIN	2025/3/7	2026/3/6
ETSTW-Cable 077	SMA type cable (10m)	EMC104-SM-SM-10000	230511	EMCI	2025/7/11	2026/7/10
ETSTW-Cable 084	SMA type cable (1m)	SF104-11SMA-1000	816477/4	HONOVA	2025/7/11	2026/7/10
ETSTW-Cable 089	SMA type cable (2m)	SF104-11SMA-2000	SN 811889/4	HUBER+SUHNER	2025/7/11	2026/7/10
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	



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3 Test results (enclosure)

TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.247(b)(3)	☒	☒	☐
Spurious Emissions radiated – Transmitter operating	15.247(d), 15.205, 15.209	☒	☒	☐
Emissions in nonrestricted frequency bands	15.247(d)	☒	☒	☐
Minimum 6 dB Bandwidth	15.247(a)(2)	☒	☒	☐
Peak Power Spectral Density	15.247(e)	☒	☒	☐
Power Line Conducted Emission	15.207(a)	☒	☒	☐

The following is intentionally left blank.



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3.1 Peak Output Power (transmitter)

3.1.1 Applicable Standard

FCC Rule: 15.247(b)(3)

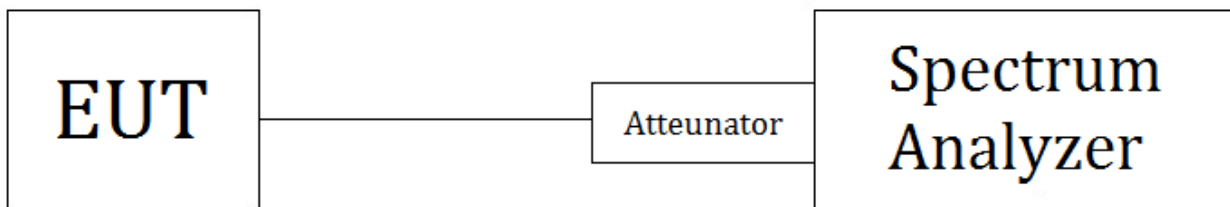
For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

3.1.2 Test procedure

Following Subclause 11.9.1.1 of ANSI C63.10

1. Set the RBW $\geq$ DTS bandwidth , VBW $\geq [3 \times \text{RBW}]$, span $\geq [3 \times \text{RBW}]$.
2. Sweep time = auto couple , Detector = peak , Trace mode = max hold.
3. Allow trace to fully stabilize and determine the peak amplitude level.

3.1.3 Test Setup



3.1.4 Limits

Frequency (MHz)	Power (dBm)
902 - 928	30
2400 – 2483.5	30
5725 – 5850	30

In case of employing transmitter antennas having antenna gain > 6 dBi and using fixed point-to point operation consider §15.247 (b)(4)



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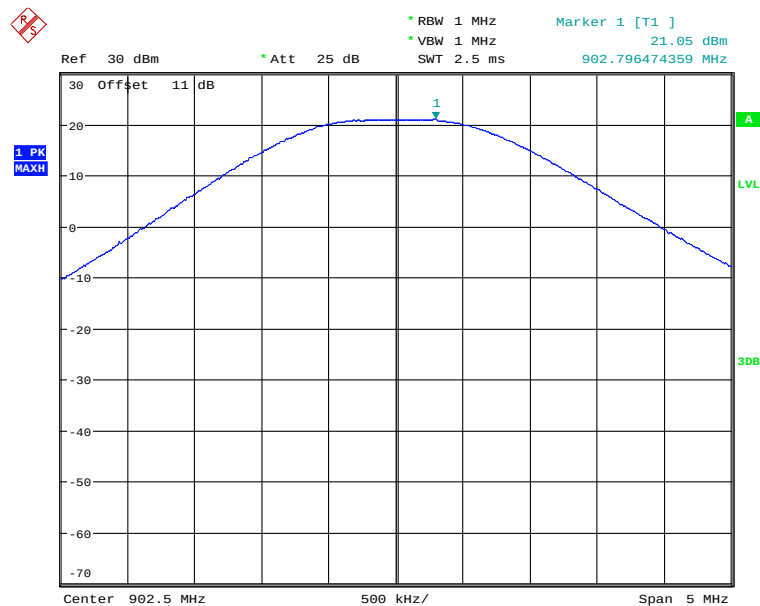
3.1.5 Test Environmental Conditions

Test date: 2026-02-03 Temperature: 20.6°C Humidity: 59.5% Tester: Rick

3.1.6 Test results

Band	Mode	Channel / Frequency	Power (dBm)	Limit (dBm)
900M	LoRa	Group 608 : 902.5 MHz	21.05	30
		Group 797 : 915.125 MHz	21.51	30
		Group 983 : 927.5 MHz	21.79	30
	LoRa	Group 608 : 902.5 MHz	20.70	30
		Group 797 : 915.125 MHz	21.45	30
		Group 983 : 927.5 MHz	21.65	30

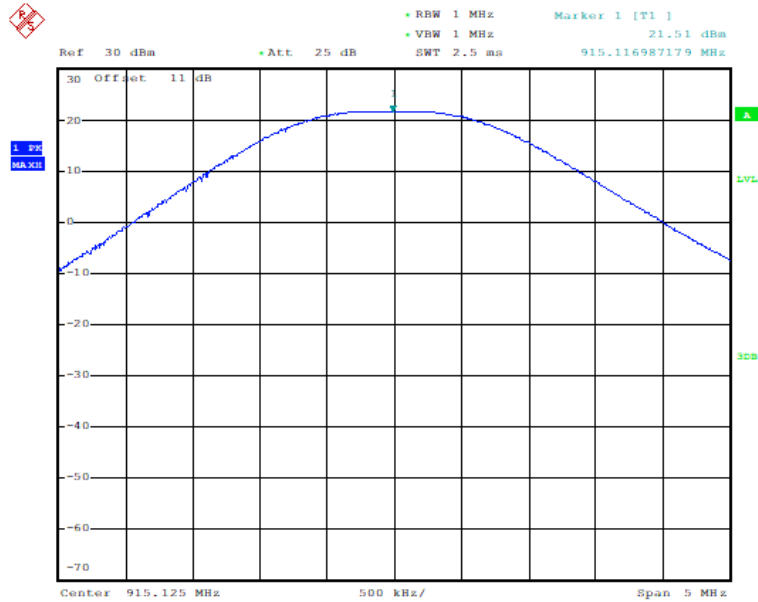
12Vd.c.



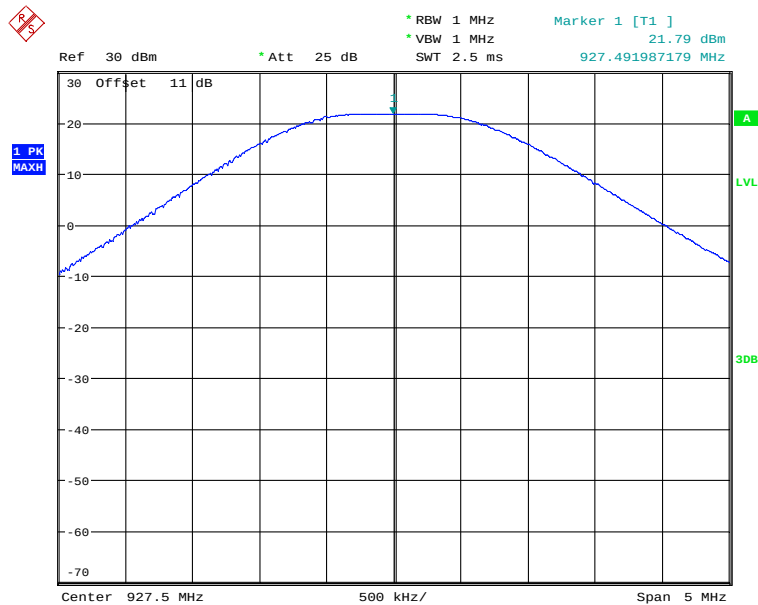
MAX OUTPUT POWER 902.5MHz
Date: 3.FEB.2026 14:56:15



Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000



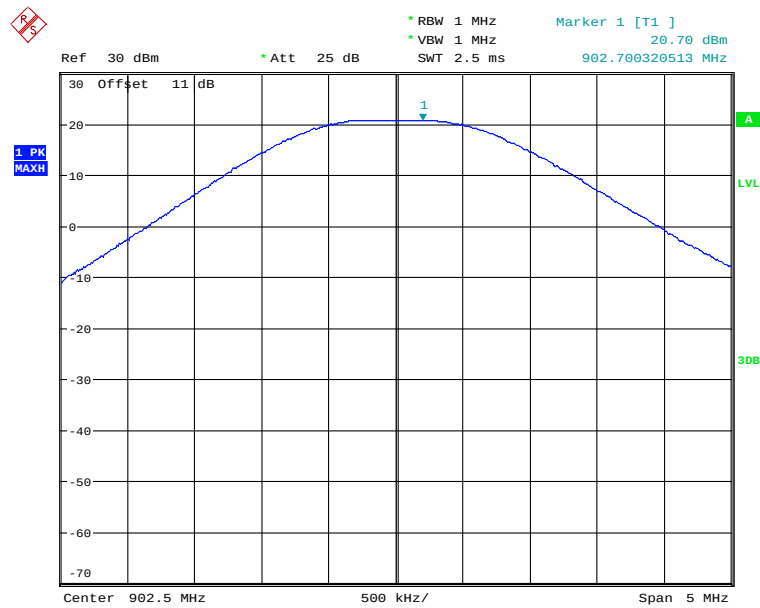
MAX OUTPUT POWER 915.125MHz
Date: 3.FEB.2026 16:23:24



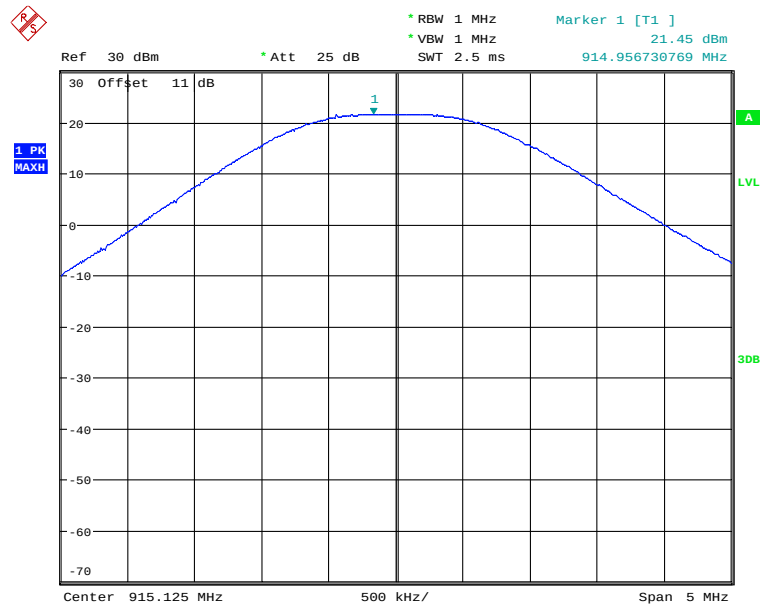
MAX OUTPUT POWER 927.5MHz
Date: 3.FEB.2026 16:21:40



Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000
36Vd.c.



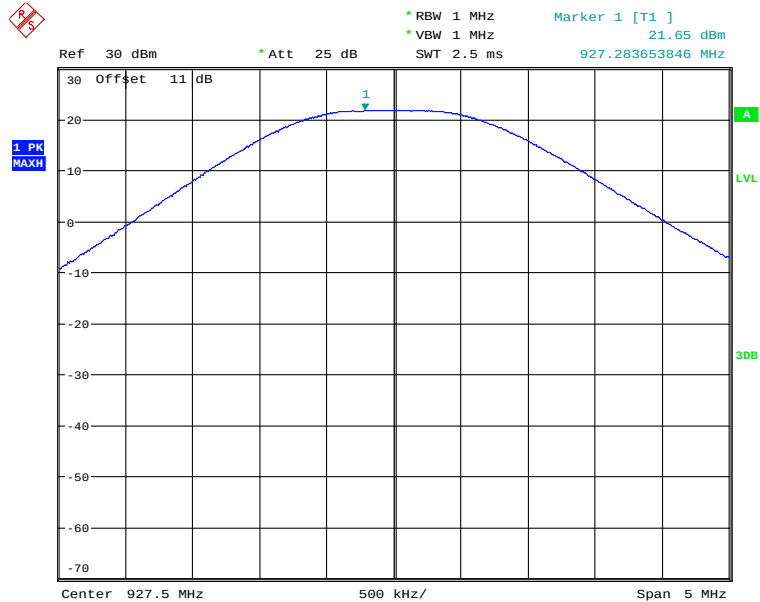
MAX OUTPUT POWER 902.5MHz
Date: 3.FEB.2026 16:25:02



MAX OUTPUT POWER 915.125MHz
Date: 3.FEB.2026 15:06:49



Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000



MAX OUTPUT POWER 927.5MHz
Date: 3.FEB.2026 15:59:59



Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

3.2 Spurious Emissions radiated – Transmitter operating

3.2.1 Applicable Standard

FCC Rules: 15.247 (d), 15.205, 15.209

Radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a).

3.2.2 Test procedure

1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. Below 1GHz measurement the EUT is placed on turntable which is 0.8m above ground plane. And above 1GHz measurement EUT was placed on low permittivity and low tangent turn table which is 1.5m above ground plane.
2. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m height to find out the highest emissions.
3. Receiver or Spectrum analyzer configuration
 - (a)120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
 - (b)RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
 - (c)RBW=1MHz, VBW=10Hz(1/T) and Peak detector is for average measured value of radiated emission above 1GHz.

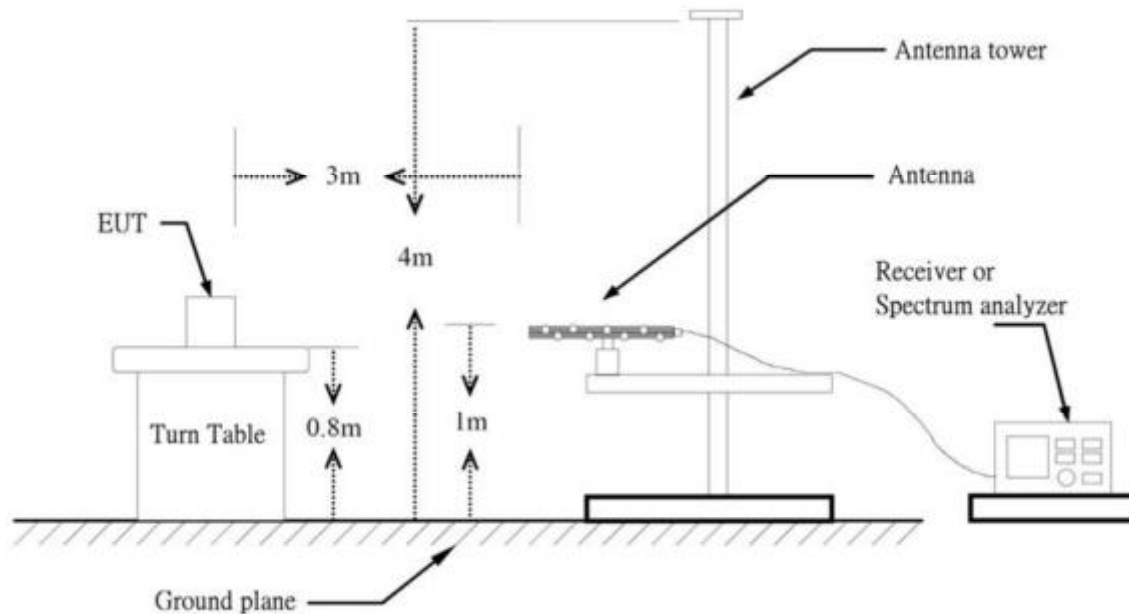
3.2.3 Limits

Frequency (MHz)	Field strength (uV/m)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

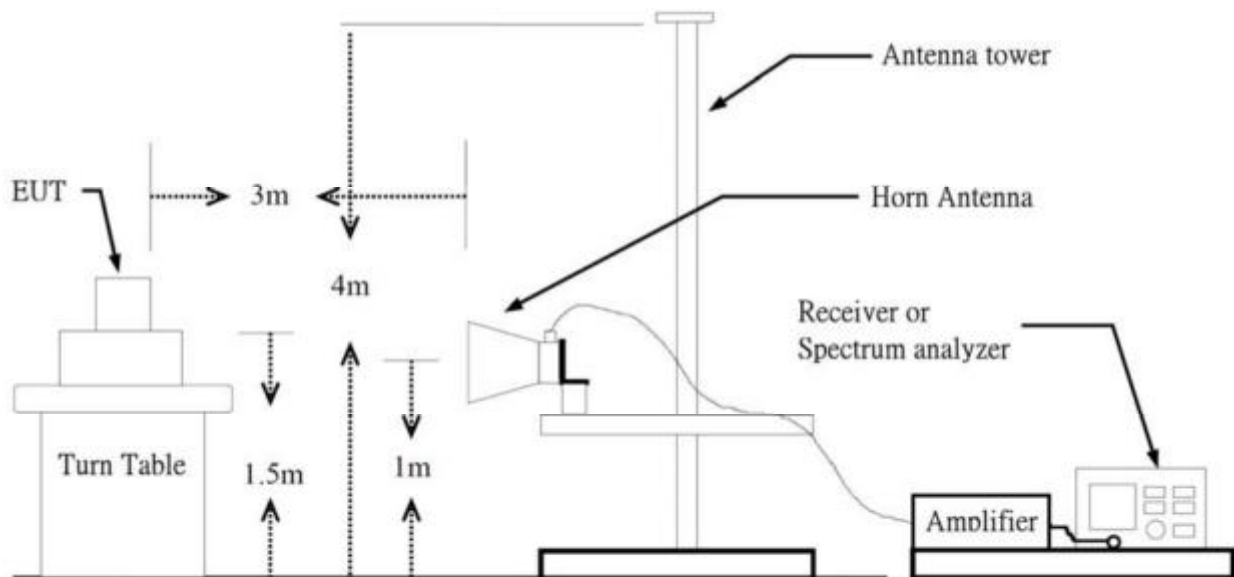
Registration number: W6M22511-24833-C-1

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3.2.4 Test Setup



Below 1 GHz



Above 1 GHz

3.2.5 Test results (With Environmental Conditions)

Explanation: See attached diagrams in Appendix.



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FCC ID: 2BUXBLRT-4000

3.3 Emissions in nonrestricted frequency bands

3.3.1 Applicable Standard

FCC Rules: 15.247(d)

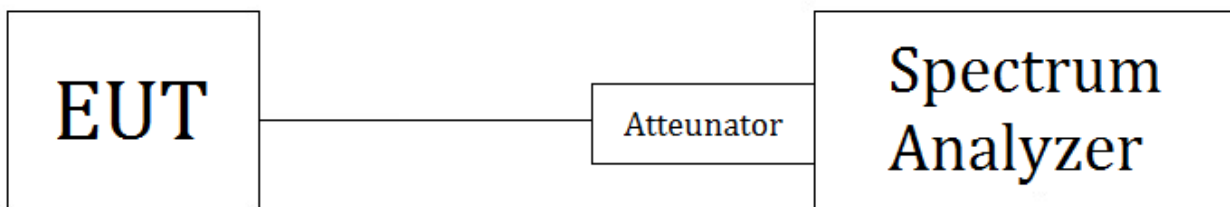
In any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in § 15.209(a) is not required.

In addition radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also with the radiated emission limits.

3.3.2 Test procedure

1. Set RBW = 100 kHz , VBW $\geq [3 \times \text{RBW}]$
2. Set Detector = peak , Sweep time = auto , Trace mode = max hold, and allow sweep to continue until the trace stabilizes
3. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

3.3.3 Test setup



3.3.4 Limits

See 3.3.1

3.3.5 Test Environmental Conditions

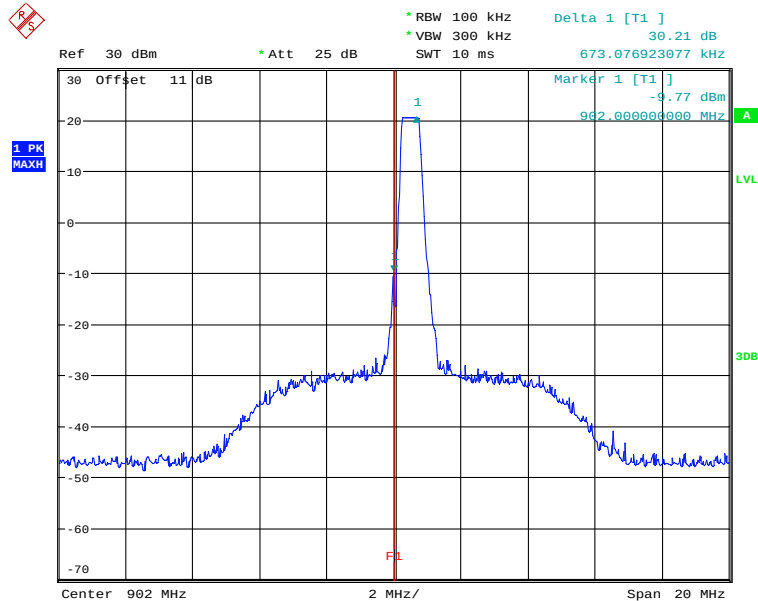
Test date: 2026-02-03 Temperature: 20.6°C Humidity: 59.5% Tester: Rick



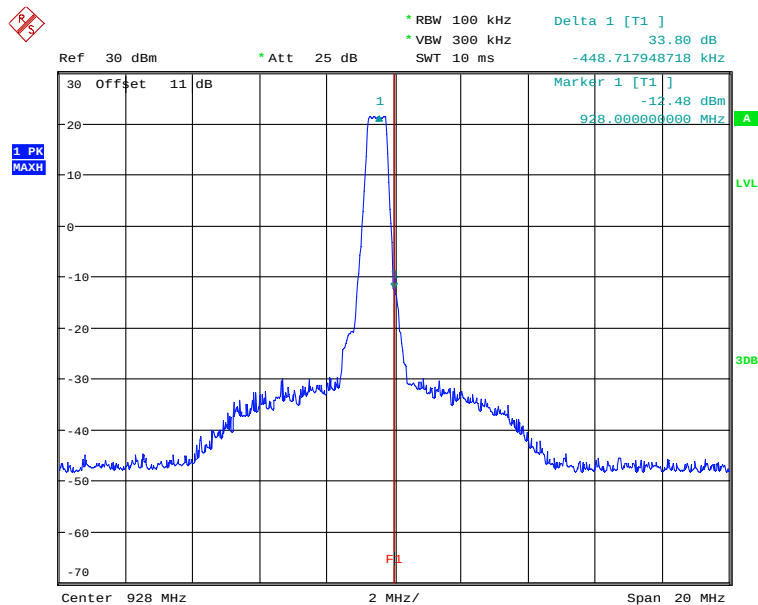
Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

3.3.6 Test results



BANDEGE 902.5MHz
Date: 3.FEB.2026 15:32:57



BANDEGE 927.5MHz
Date: 3.FEB.2026 15:31:26



Registration number: W6M22511-24833-C-1

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3.4 Minimum 6 dB Bandwidth

3.4.1 Applicable Standard

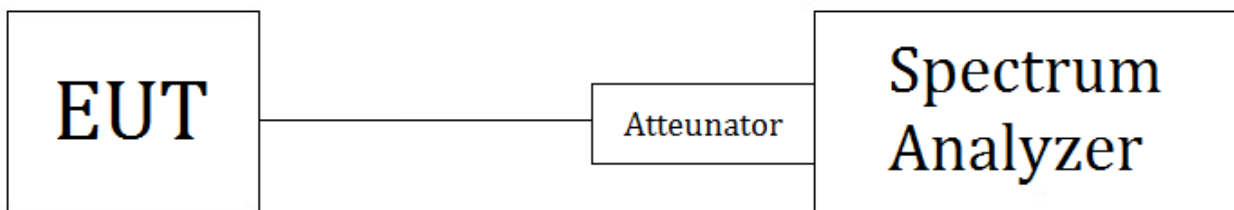
FCC Rules: 15.247(a)(2)

Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

3.4.2 Test procedure

1. Set RBW = 100 kHz , Set the VBW $\geq [3 \times \text{RBW}]$.
2. Set Detector = peak , Trace mode = max hold , Sweep = auto couple and allow the trace to stabilize.
3. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.4.3 Test setup



3.4.4 Limits

Frequency Range (MHz)	Limits (kHz)
902-928	≥ 500
2400-2483.5	
5725-5850	

3.4.5 Test Environmental Conditions

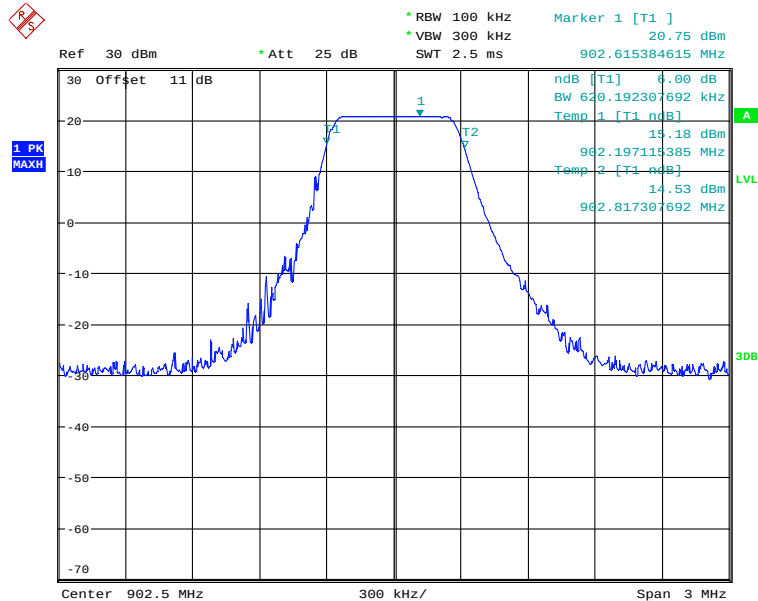
Test date: 2026-02-03 Temperature: 20.6°C Humidity: 59.5% Tester: Rick



Registration number: W6M22511-24833-C-1

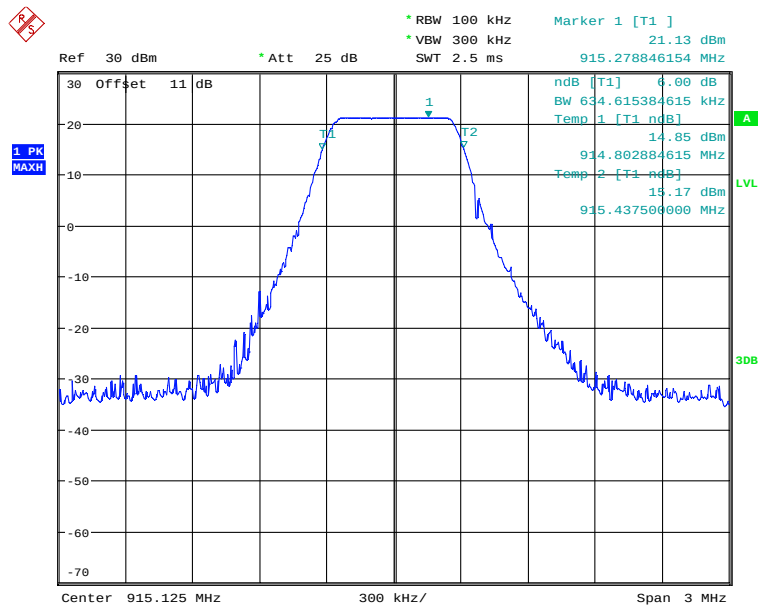
FCC ID: 2BUXBLRT-4000

3.4.6 Test results



6DB BANDWIDTH 902.5MHZ

Date: 3.FEB.2026 14:57:44

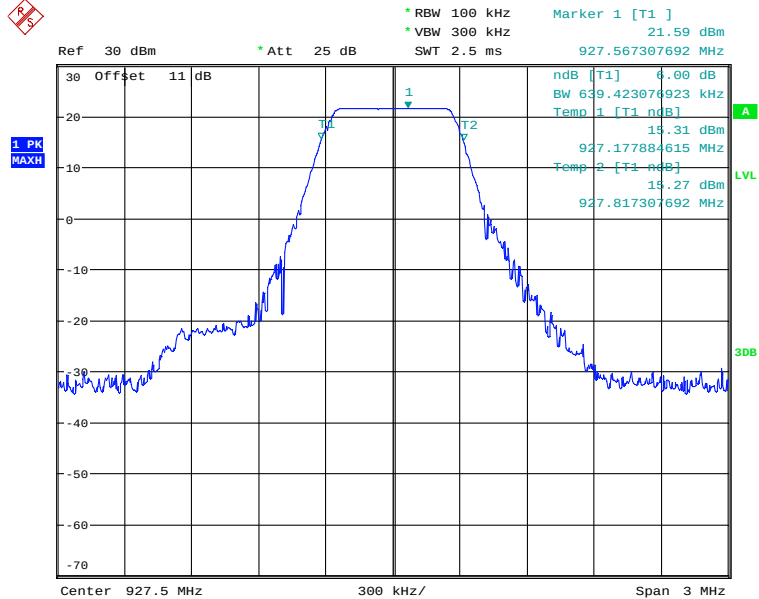


6DB BANDWIDTH 915.125MHZ

Date: 3.FEB.2026 15:08:00



Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000



6DB BANDWIDTH 927.5MHz
Date: 3.FEB.2026 15:12:56



Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

3.5 Peak Power Spectral Density

3.5.1 Applicable Standard

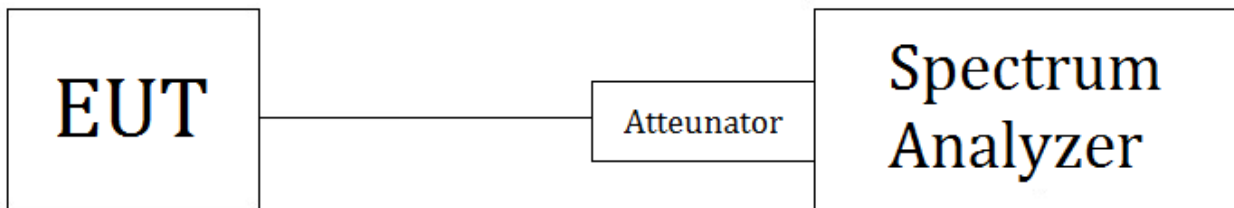
FCC Rules: 15.247(e)

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

3.5.2 Test procedure

1. Set the RBW to $3\text{ kHz} \leq \text{RBW} \leq 100\text{ kHz}$, the VBW $\geq [3 \times \text{RBW}]$.
2. Set Detector = peak , Sweep time = auto couple , Trace mode = max hold and allow trace to fully stabilize
3. Use the peak marker function to determine the maximum amplitude level within the RBW.

3.5.3 Test setup



3.5.4 Limits

Frequency Range (MHz)	Limits (dBm/3KHz)
902-928	8
2400-2483.5	
5725-5850	

3.5.5 Test Environmental Conditions

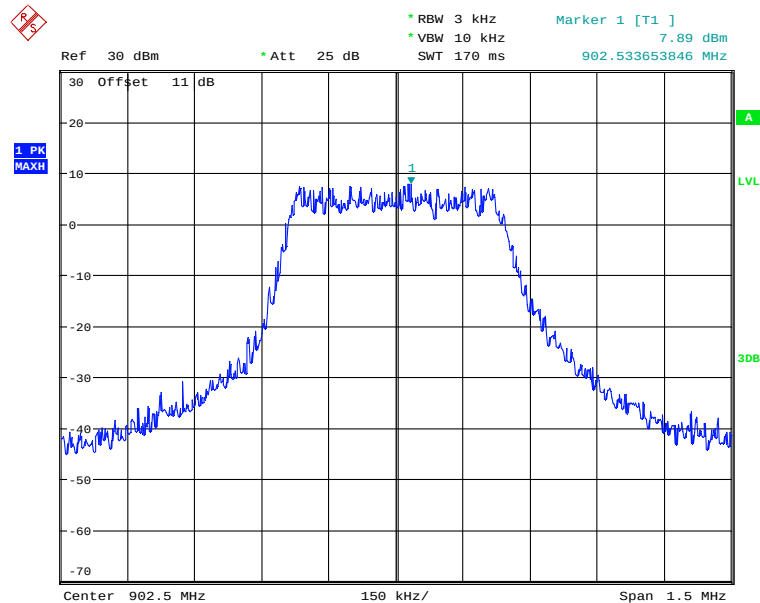
Test date: 2026-02-03 Temperature: 20.6°C Humidity: 59.5% Tester: Rick



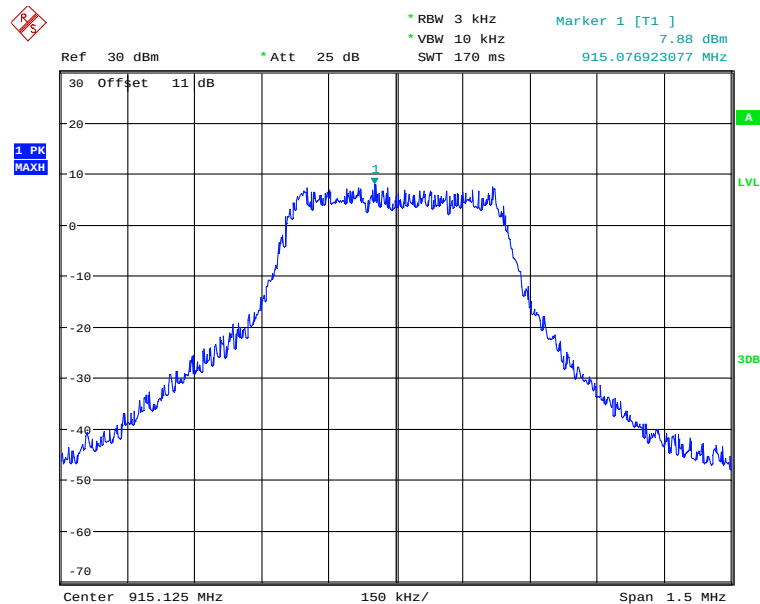
Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

3.5.6 Test results



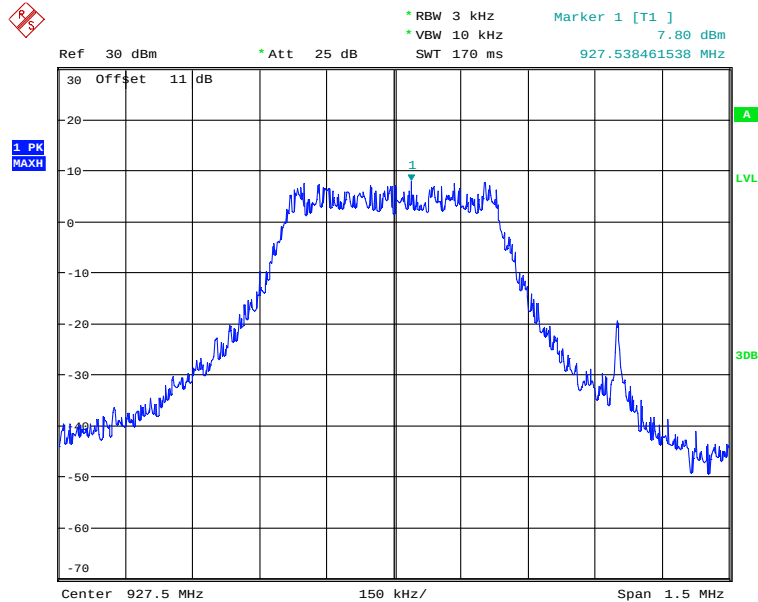
POWER DENSITY 902.5MHz
Date: 3.FEB.2026 14:59:32



POWER DENSITY 915.125MHz
Date: 3.FEB.2026 15:01:25



Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000



POWER DENSITY 927.5MHz
Date: 3.FEB.2026 15:27:24

Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

3.6 Power Line Conducted Emission

3.6.1 Applicable Standard

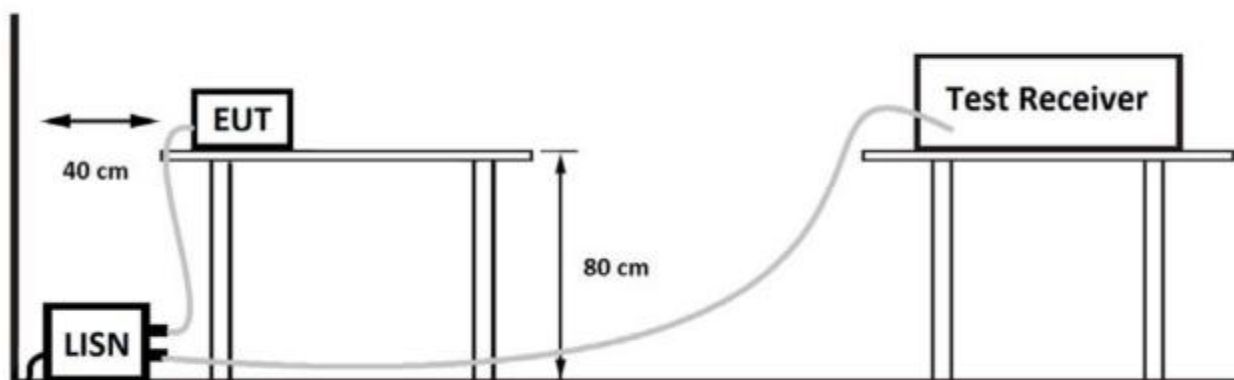
FCC Rules:15.207(a)

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.

3.6.2 Test procedure

1. EUT is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. Connect EUT to a 50 μ H/50 ohms line impedance stabilization network (LISN). AC input is 120V/60Hz
3. This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.

3.6.3 Test setup



3.6.4 Limits

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



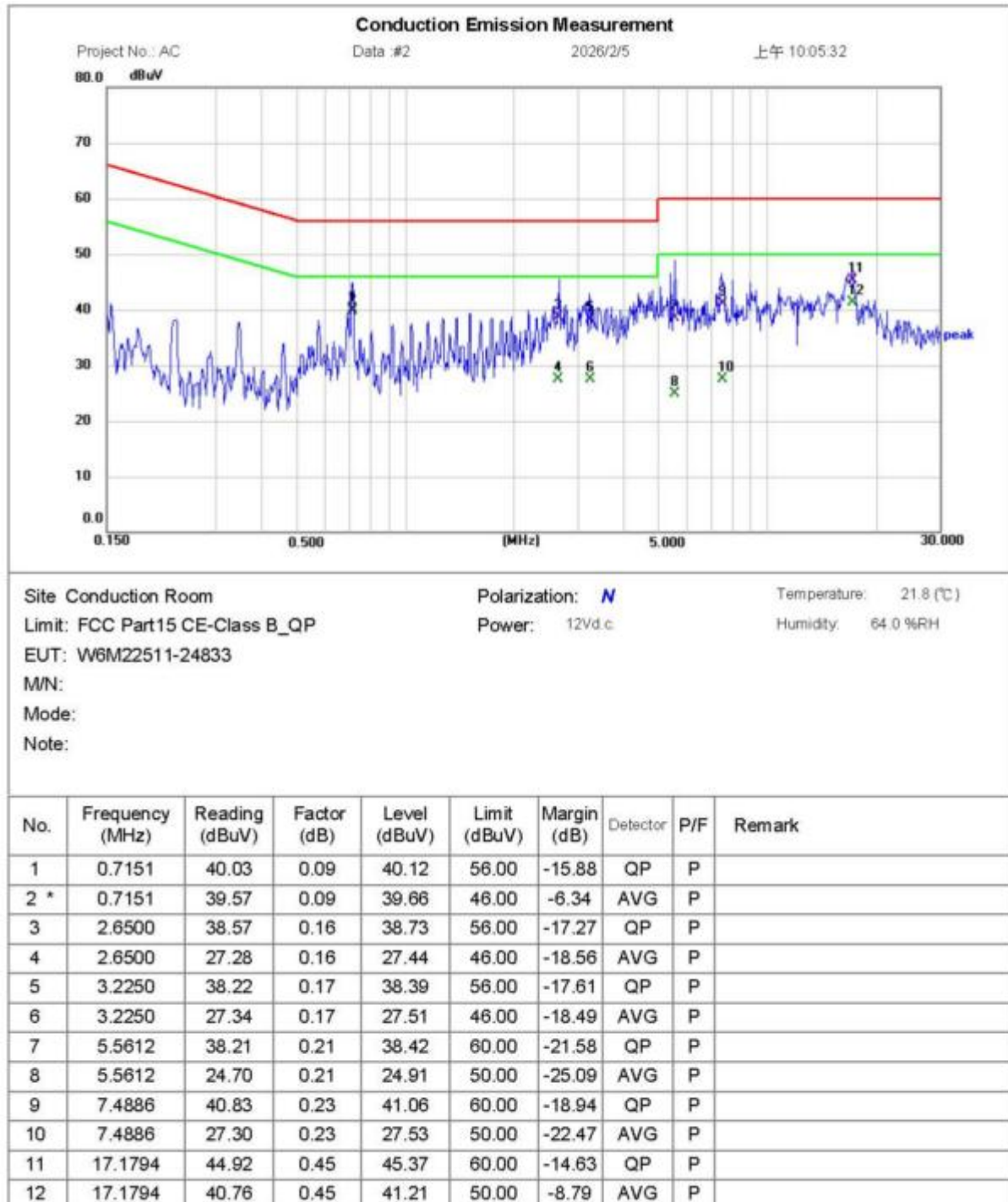
Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

3.6.5 Test results (With Environmental Conditins)

Digital

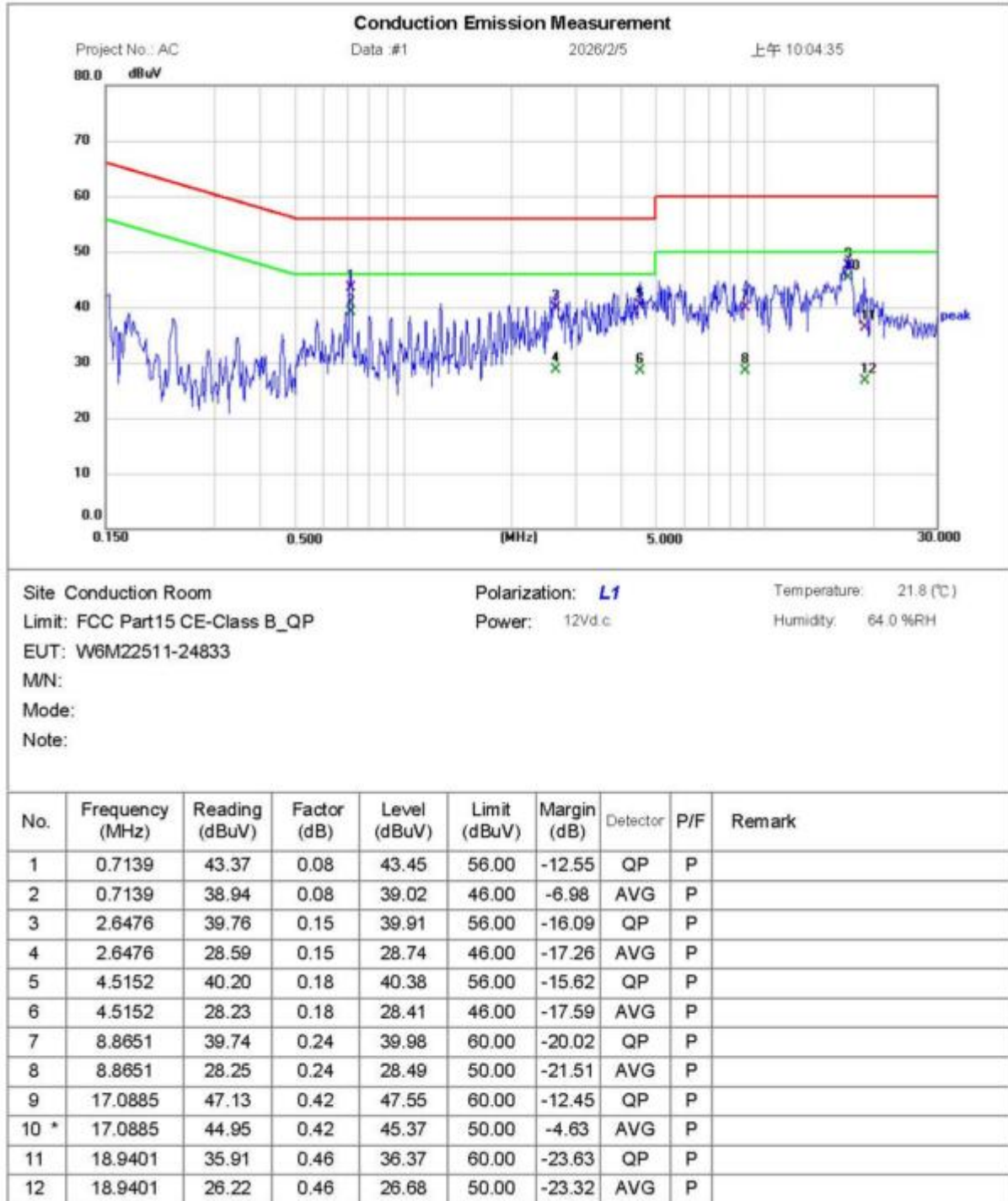
12Vd.c.





Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000



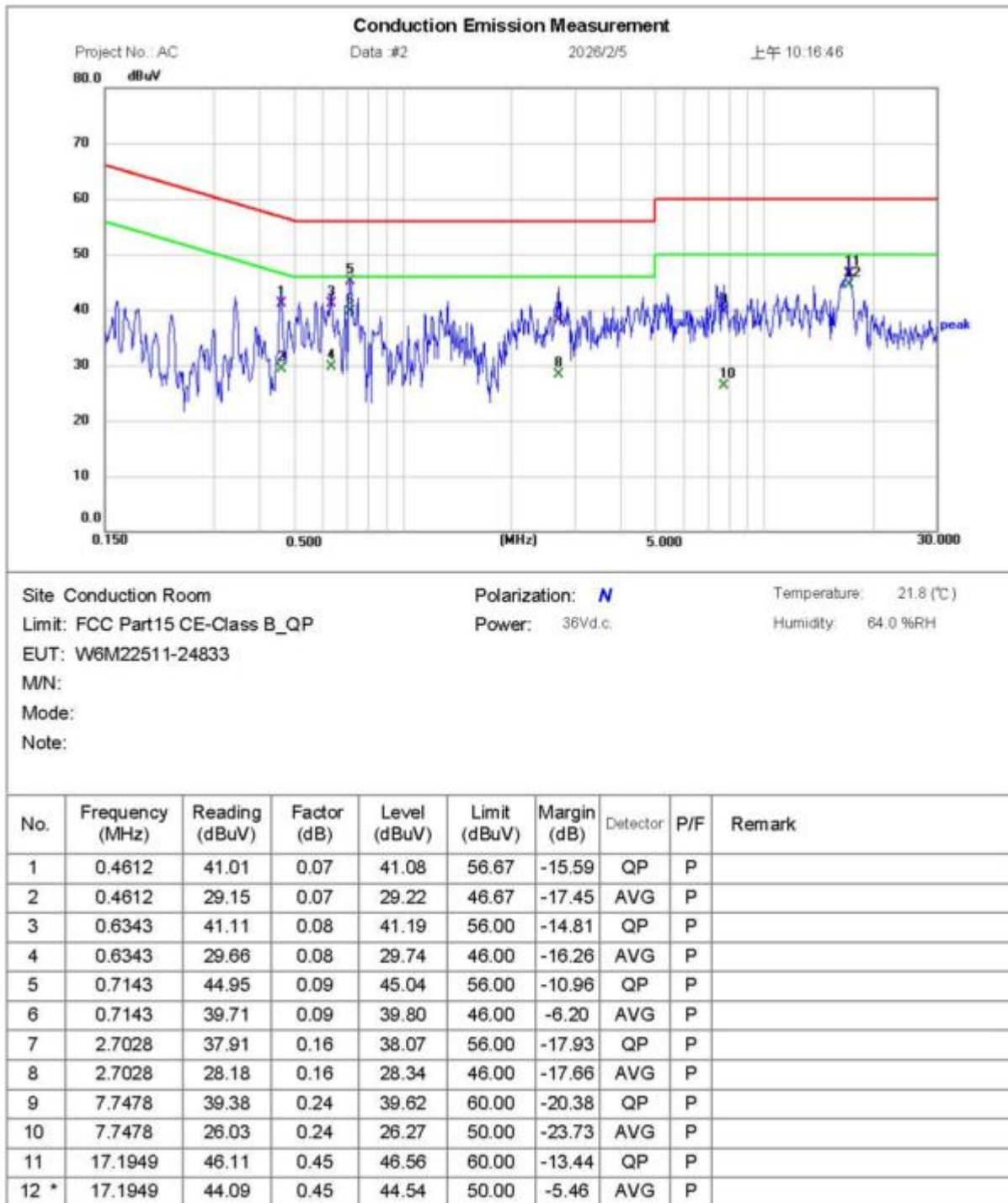


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

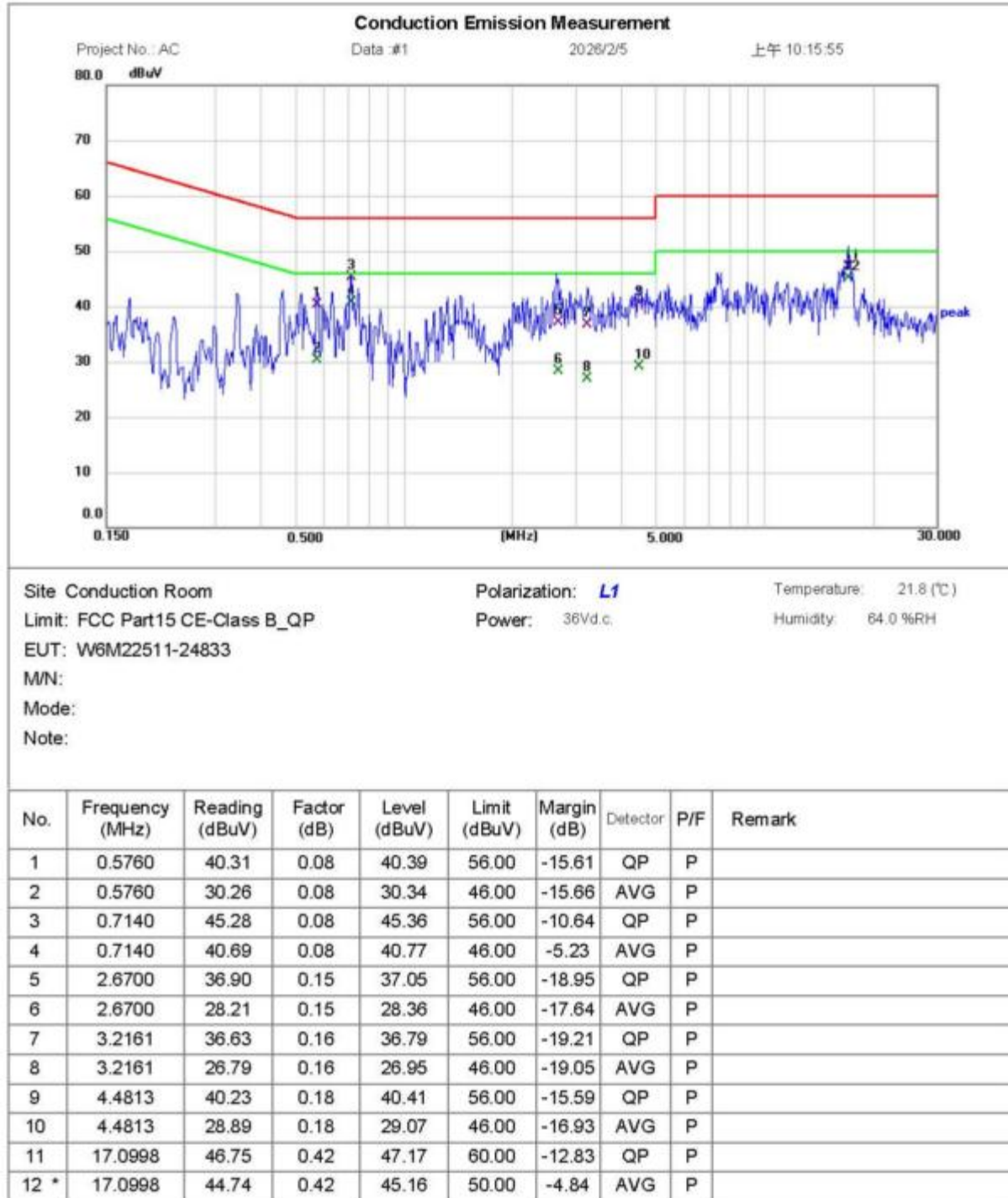
36Vd.c.





Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000





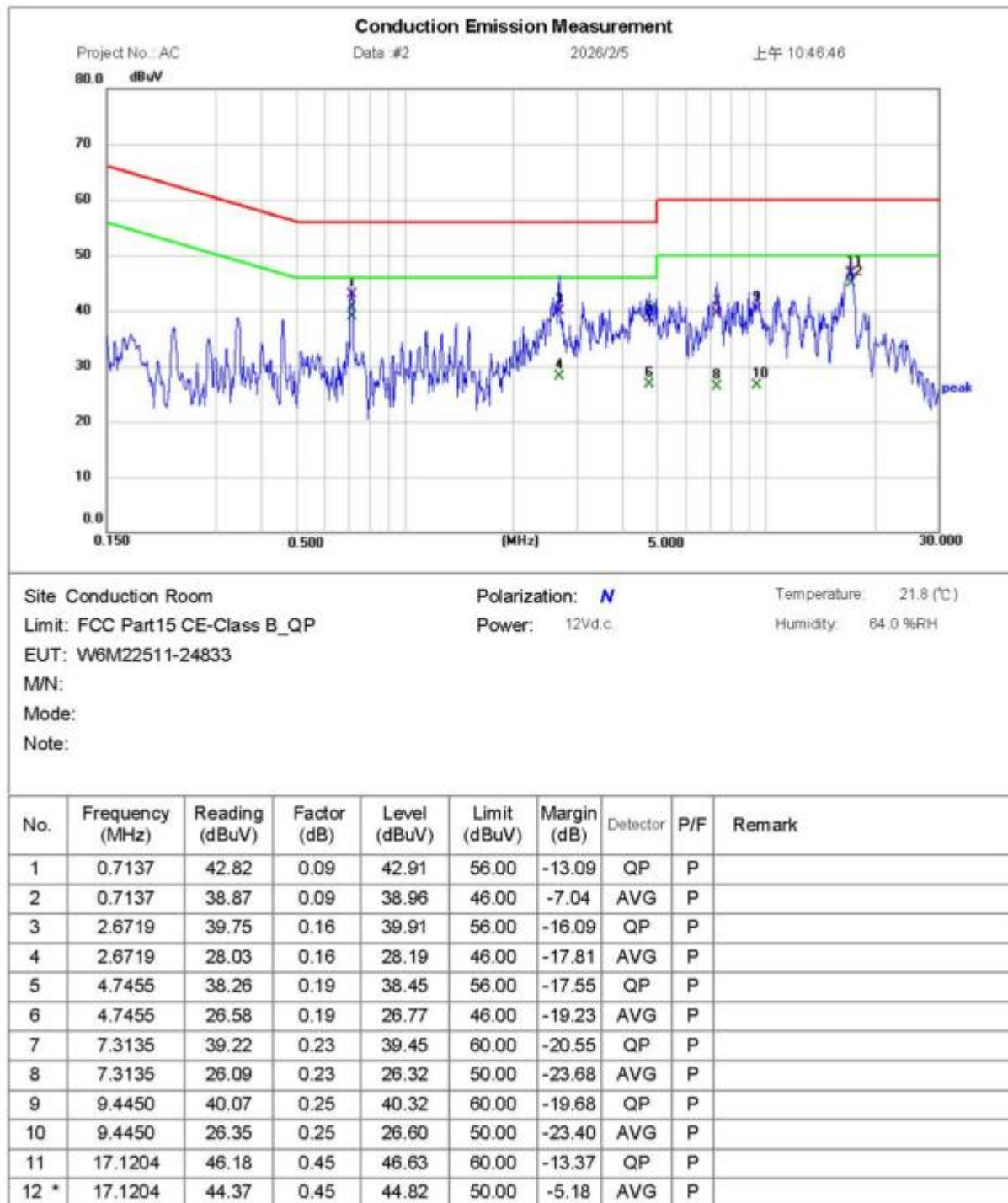
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

Analog

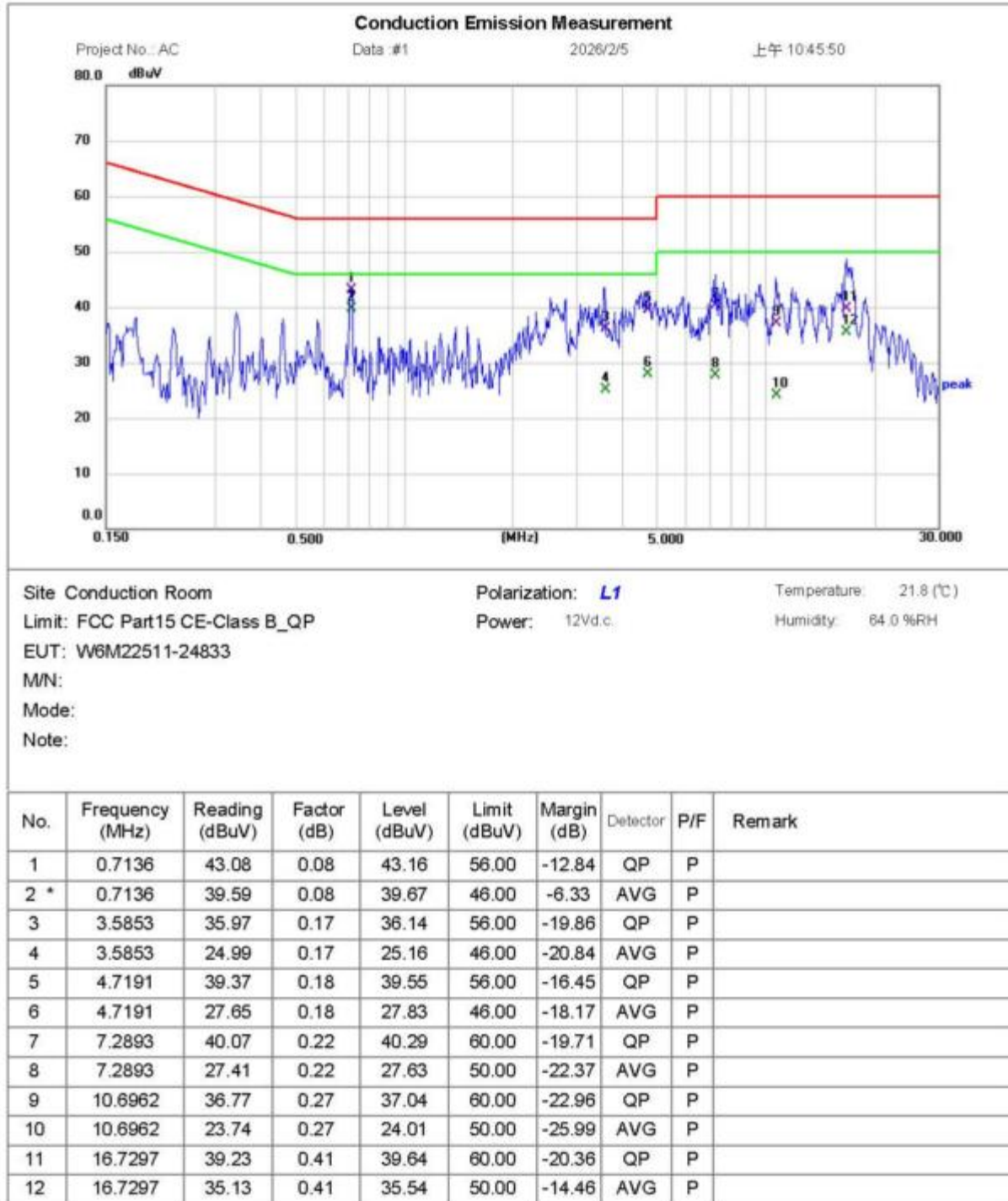
12Vd.c.





Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000



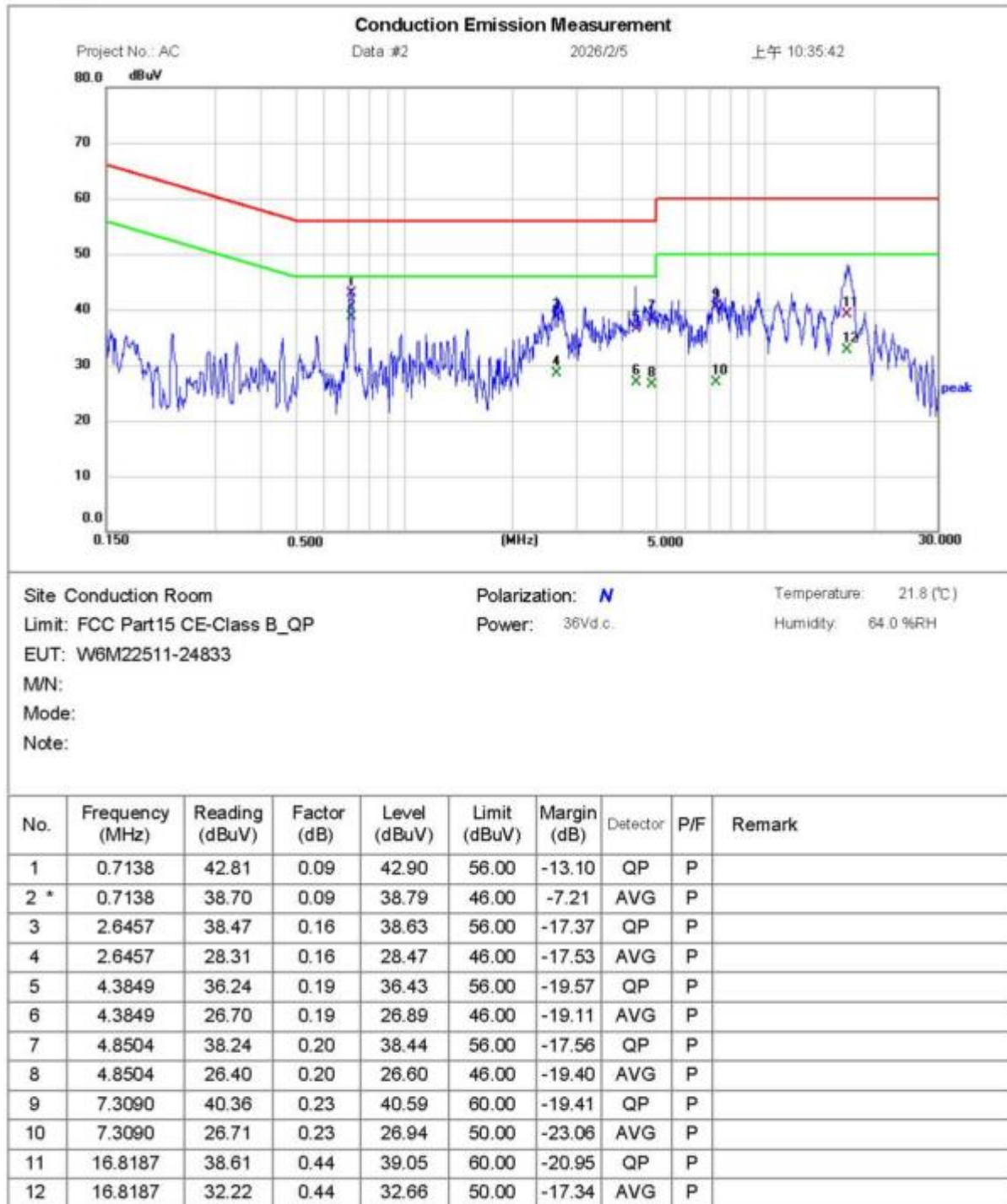


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22511-24833-C-1

FCC ID: 2BUXBLRT-4000

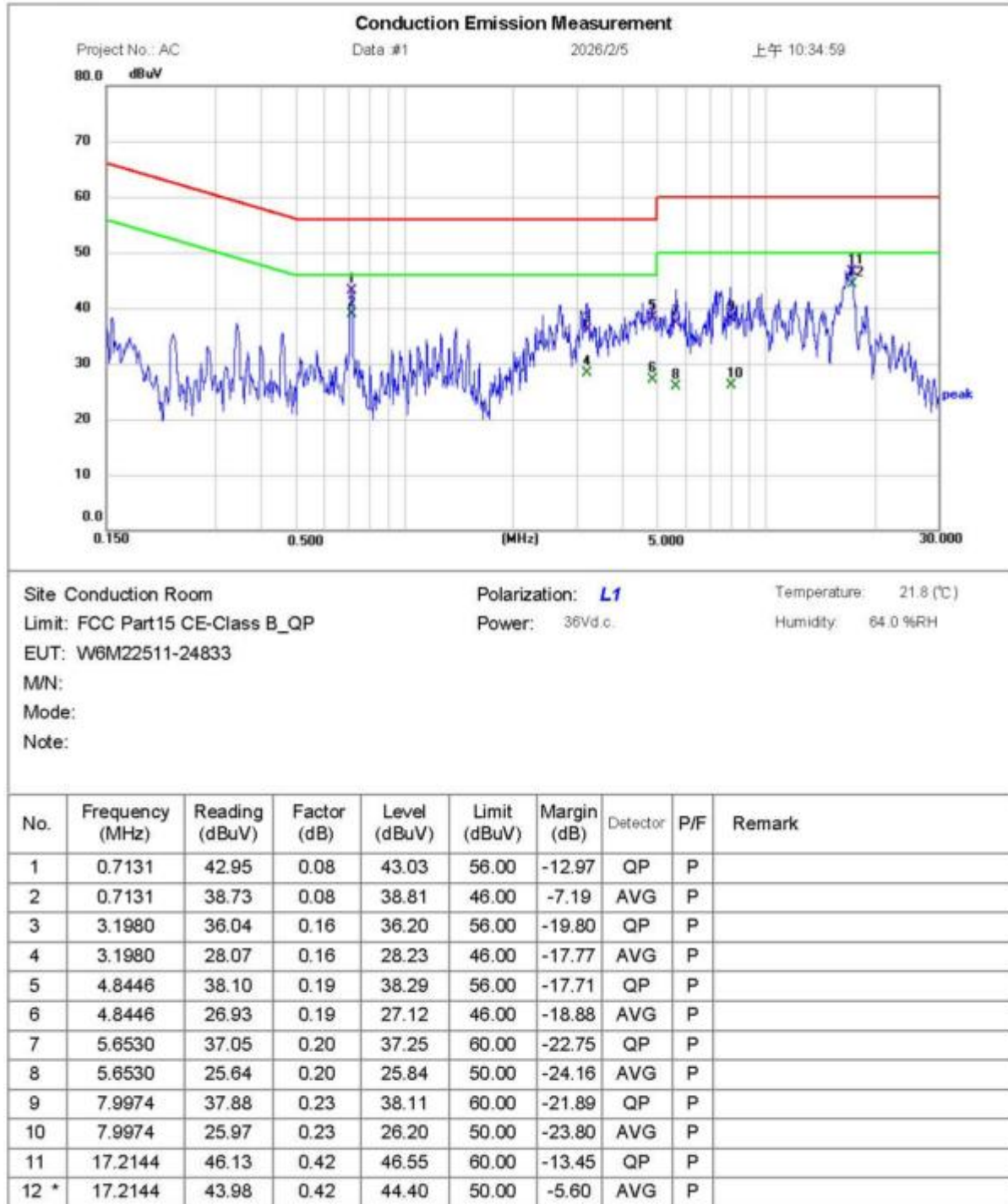
36Vd.c.





Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000





Registration number: W6M22511-24833-C-1
FCC ID: 2BUXBLRT-4000

Appendix

Measurement diagrams

Radiated Emission



Address: No.99, Sec.1, Balian Rd., Xizhi Dist., New Taipei City
 Tel: +886-2-2646-1508
 Fax: +886-2-2646-1533

Radiated Emission Measurement

Operator: Gino

File :1

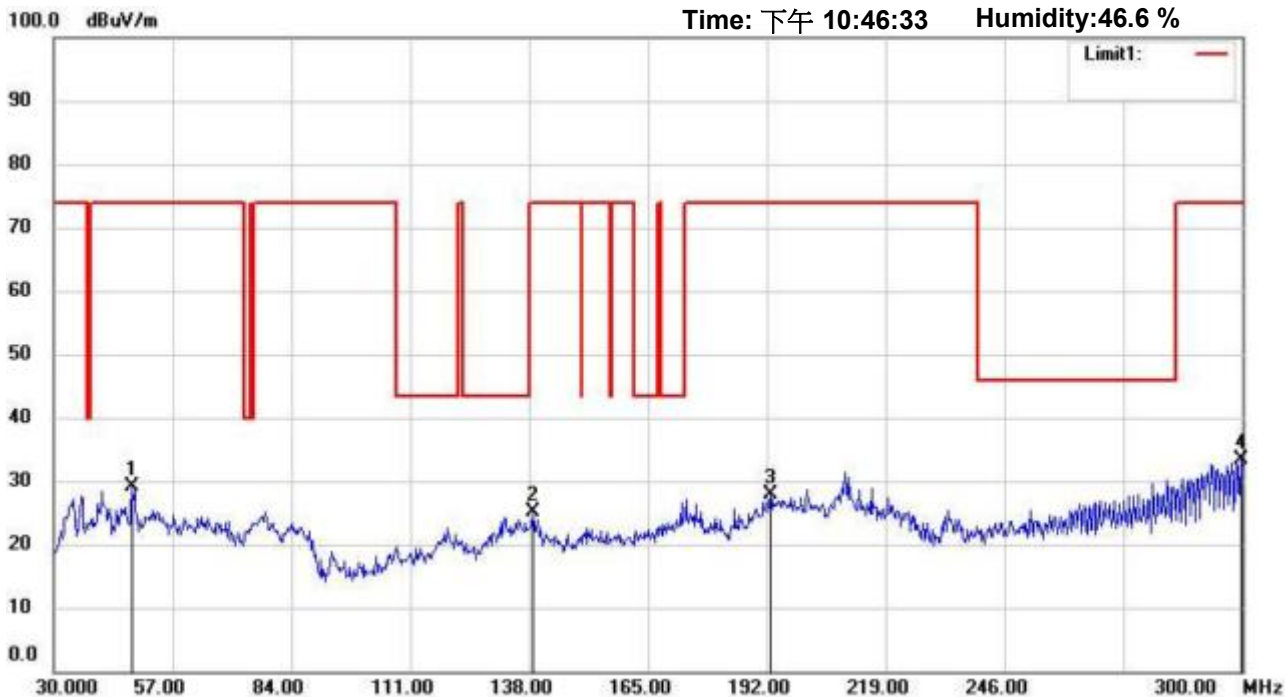
Data :#1

Date: 2026/1/21

Temperature: 24.1 °C

Time: 下午 10:46:33

Humidity: 46.6 %



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: *Horizontal*

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	47.8200	42.04	peak	-12.93	29.11	74.00	100	56	-44.89	
	138.8100	38.19	peak	-12.96	25.23	74.00	100	112	-48.77	
	192.8100	43.12	peak	-15.14	27.98	74.00	100	78	-46.02	
*	299.7300	45.40	peak	-11.90	33.50	74.00	100	106	-40.50	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Gino

File :1

Data :#3

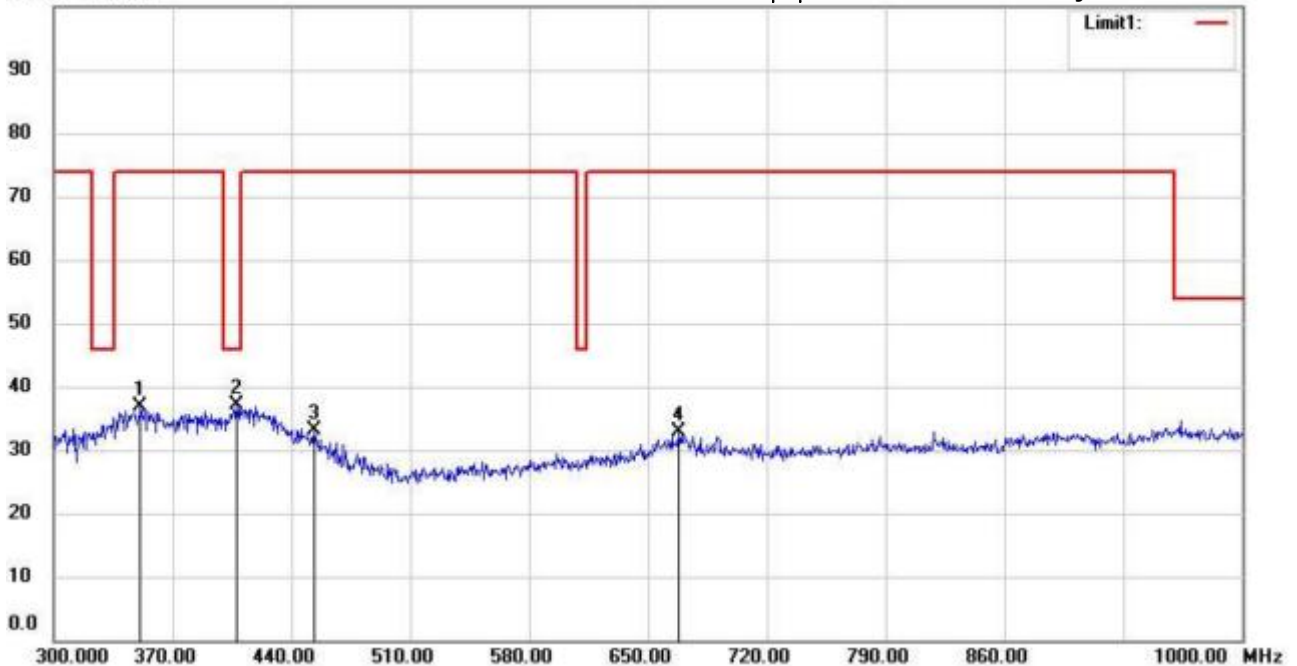
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 10:48:02

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	351.1000	47.75	peak	-10.96	36.79	74.00	100	62	-37.21	
*	407.8000	46.52	peak	-9.41	37.11	46.00	100	133	-8.89	
	453.3000	41.05	peak	-8.04	33.01	74.00	100	228	-40.99	
	668.2000	36.35	peak	-3.53	32.82	74.00	100	282	-41.18	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#2

Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 10:47:17

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Vertical**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	35.9400	56.53	peak	-14.14	42.39	74.00	100	255	-31.61	
	41.3400	56.38	peak	-13.61	42.77	74.00	100	37	-31.23	
	47.8200	55.17	peak	-12.93	42.24	74.00	100	280	-31.76	
*	131.7900	51.55	peak	-13.64	37.91	43.50	100	153	-5.59	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#4

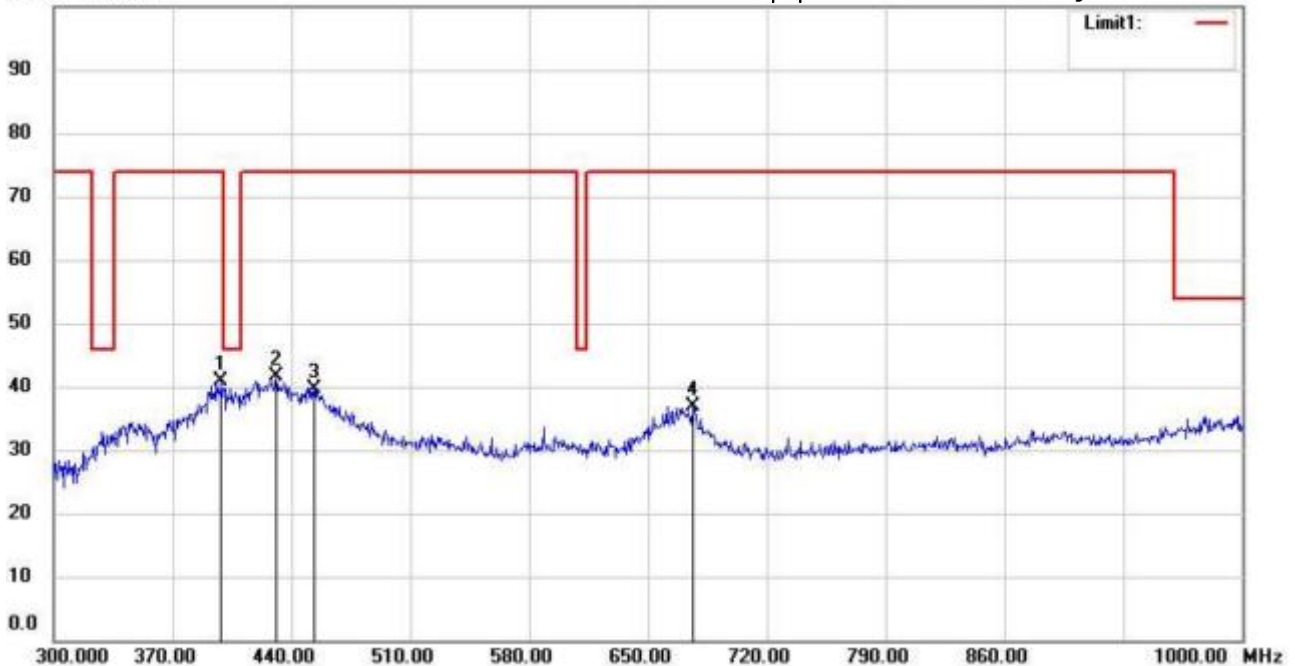
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 10:48:47

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Vertical**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	398.7000	50.64	peak	-9.68	40.96	74.00	100	180	-33.04	
*	430.9000	50.17	peak	-8.61	41.56	74.00	100	169	-32.44	
	453.3000	47.67	peak	-8.04	39.63	74.00	100	286	-34.37	
	676.6000	40.43	peak	-3.44	36.99	74.00	100	135	-37.01	



Radiated Emission Measurement

Operator: Echo

File : 3

Data : #1

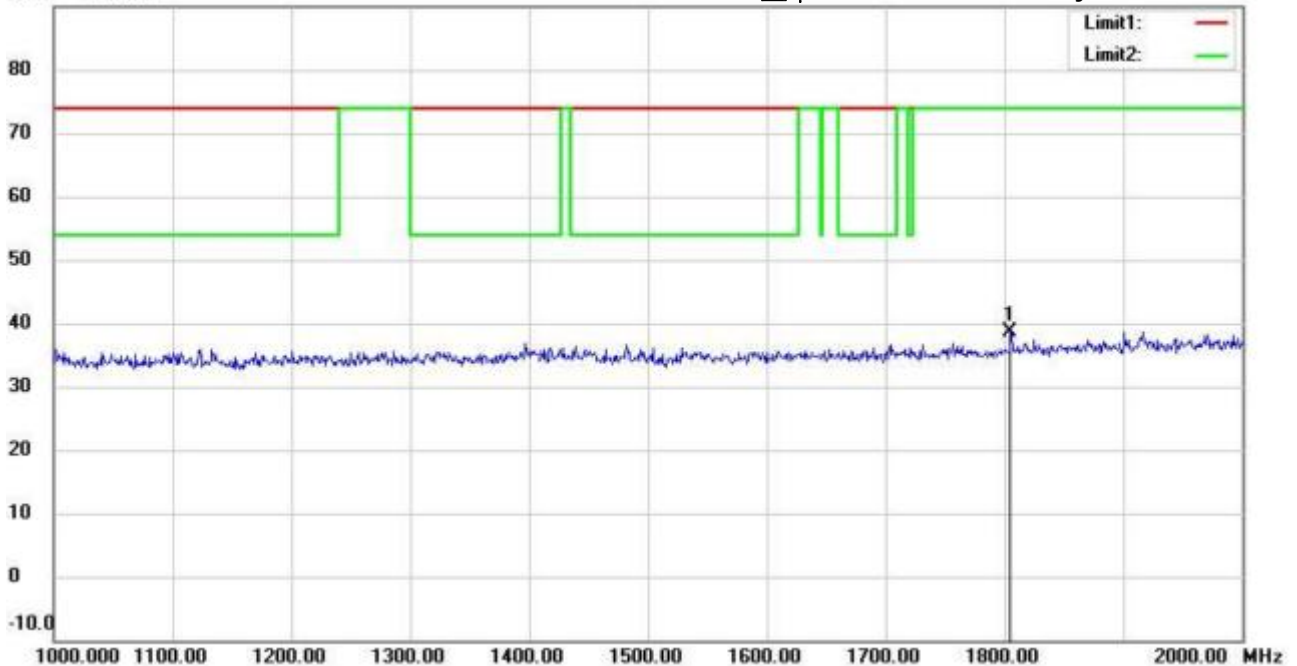
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:10:57

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: *Horizontal*

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1805.000	45.06	peak	-6.46	38.60	74.00	150	129	-35.40	



Radiated Emission Measurement

Operator: Echo

File : 3

Data : #5

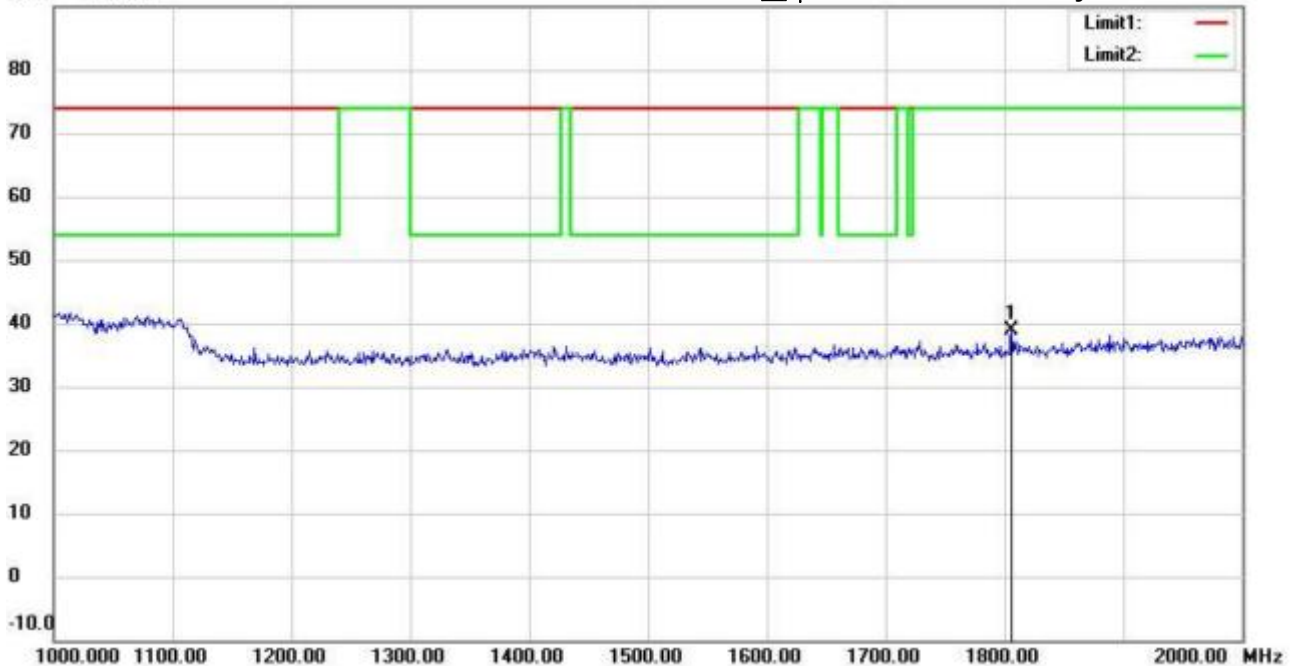
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:13:44

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1806.000	45.26	peak	-6.45	38.81	74.00	150	301	-35.19	



Address: No. 99, Sec. 1, Balian Rd., Xizhi Dist., New Taipei City
Tel: +886-2-2646-1508
Fax: +886-2-2646-1533

Radiated Emission Measurement

Operator: Echo

File : 3

Data : #2

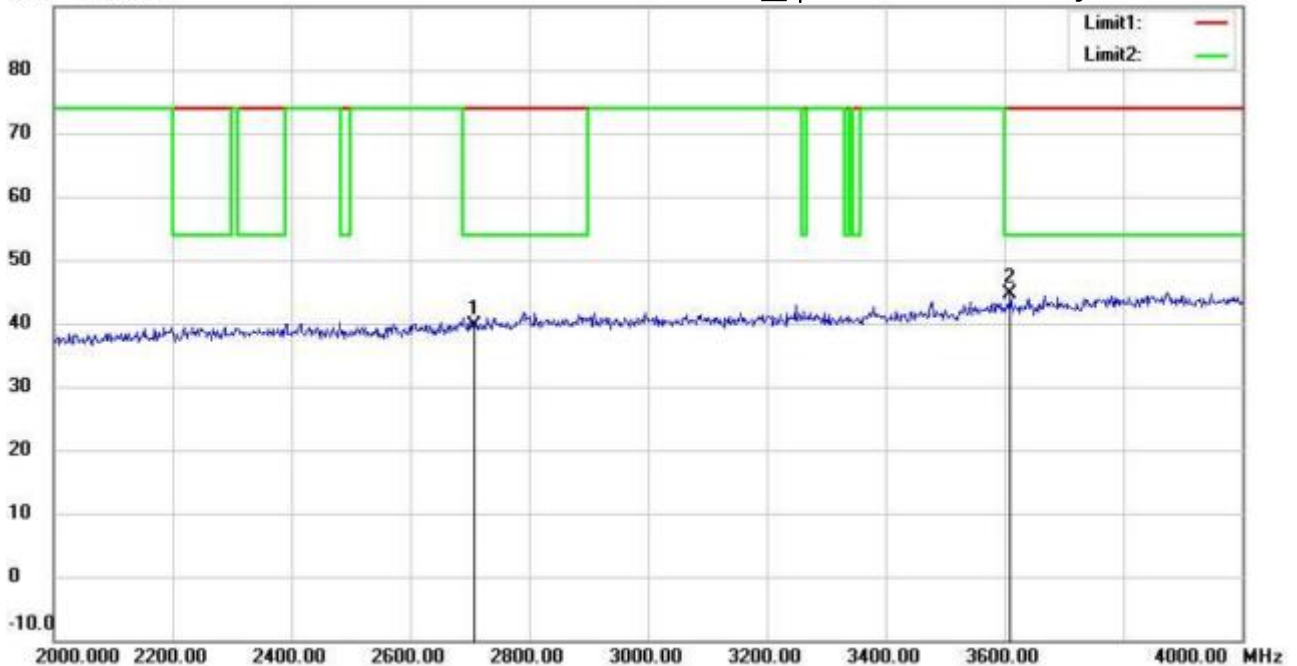
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:11:37

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2707.500	41.92	peak	-2.39	39.53	74.00	150	163	-34.47	
*	3610.000	44.20	peak	0.46	44.66	74.00	150	58	-29.34	

*:Maximum data x:Over limit !:over margin



Address: No. 99, Sec. 1, Balian Rd., Xizhi Dist., New Taipei City
Tel: +886-2-2646-1508
Fax: +886-2-2646-1533

Radiated Emission Measurement

Operator: Echo

File : 3

Data : #6

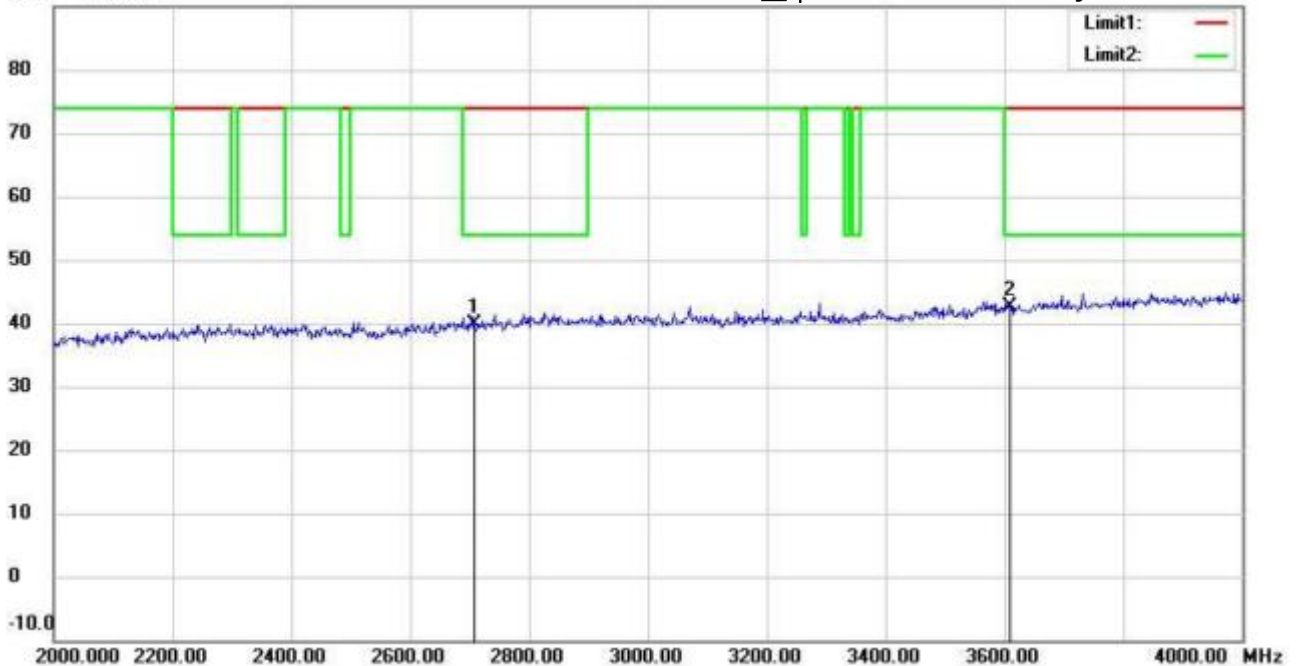
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:14:25

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2707.500	42.29	peak	-2.39	39.90	74.00	150	111	-34.10	
*	3610.000	42.28	peak	0.46	42.74	74.00	150	322	-31.26	

*:Maximum data x:Over limit !:over margin



Address: No.99, Sec.1, Balian Rd., Xizhi Dist., New Taipei City
Tel: +886-2-2646-1508
Fax: +886-2-2646-1533

Radiated Emission Measurement

Operator: Echo

File :3

Data :#3

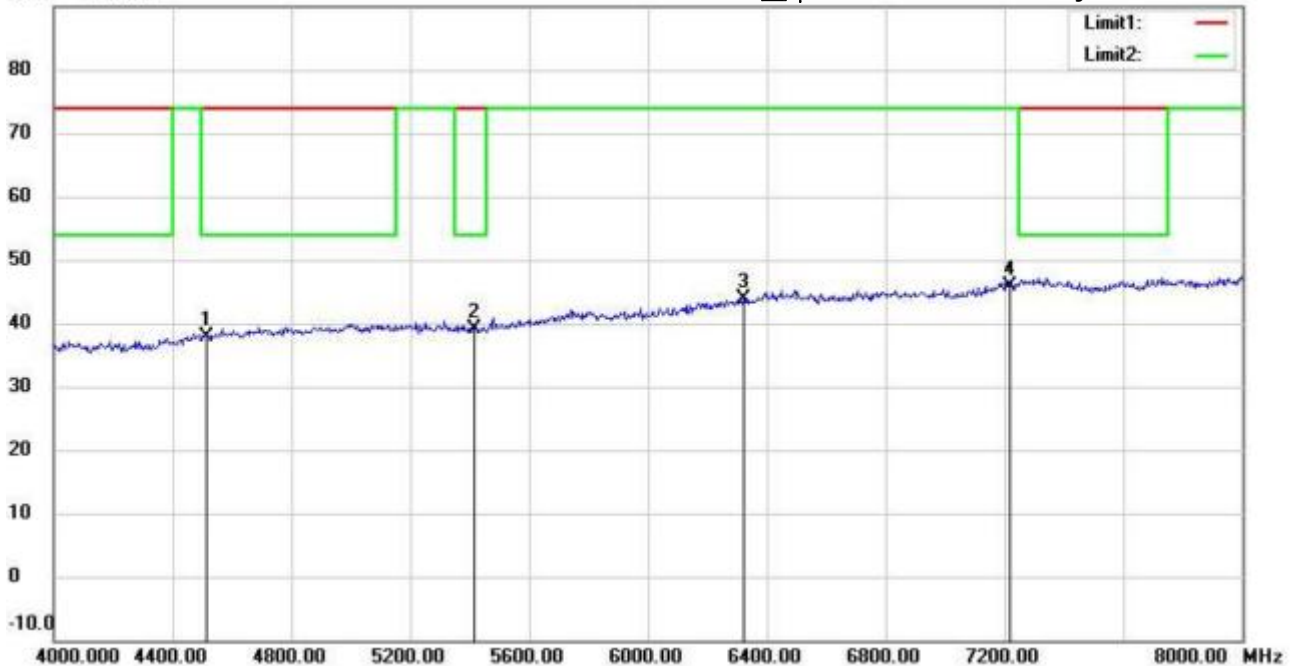
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:12:19

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4512.500	33.63	peak	4.27	37.90	74.00	150	216	-36.10	
	5415.000	33.14	peak	5.87	39.01	74.00	150	19	-34.99	
	6317.500	33.92	peak	9.84	43.76	74.00	150	112	-30.24	
*	7220.000	34.06	peak	11.93	45.99	74.00	150	347	-28.01	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Echo

File : 3

Data : #7

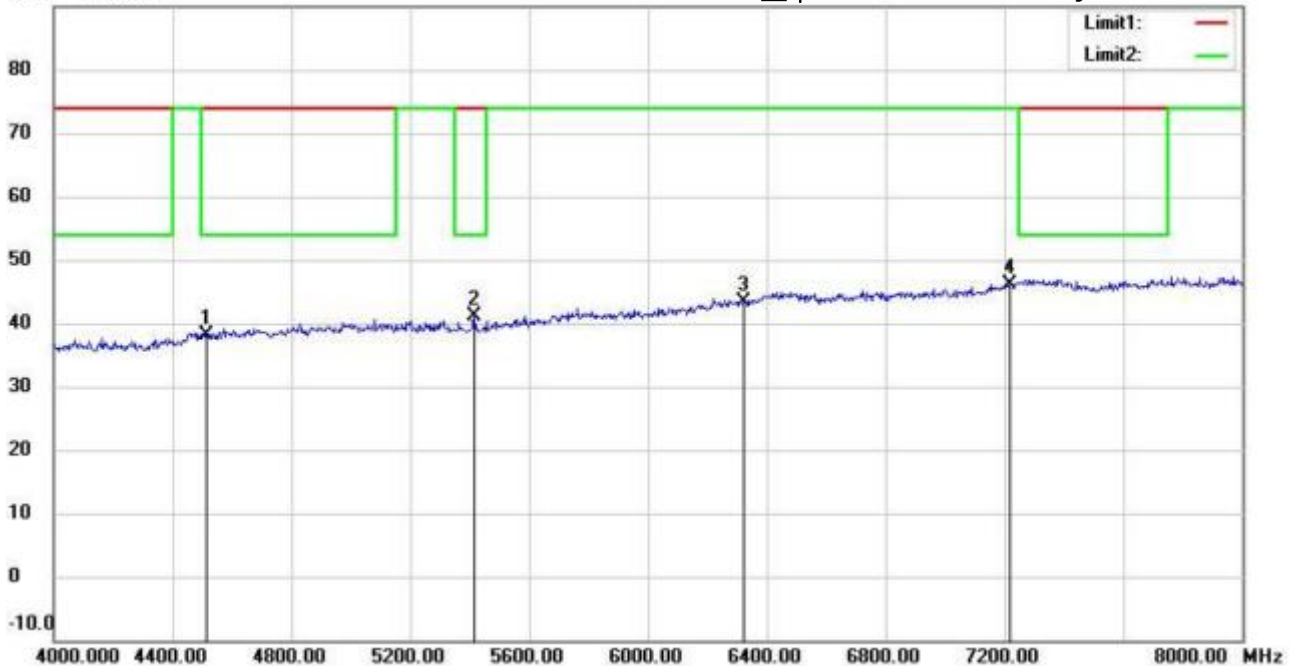
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:15:07

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4512.500	33.79	peak	4.27	38.06	74.00	150	121	-35.94	
	5415.000	35.31	peak	5.87	41.18	74.00	150	44	-32.82	
	6317.500	33.42	peak	9.84	43.26	74.00	150	71	-30.74	
*	7220.000	34.20	peak	11.93	46.13	74.00	150	132	-27.87	



Address: No. 99, Sec. 1, Balian Rd., Xizhi Dist., New Taipei City
Tel: +886-2-2646-1508
Fax: +886-2-2646-1533

Radiated Emission Measurement

Operator: Echo

File : 3

Data : #4

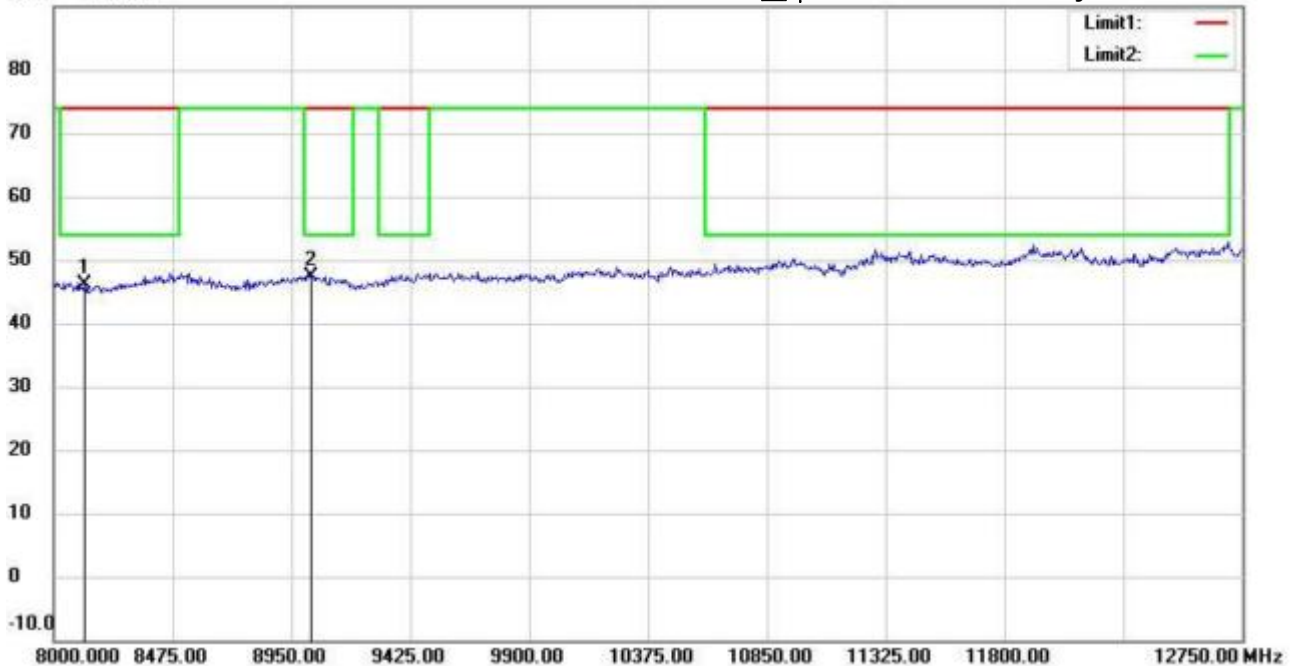
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:12:59

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	8122.500	33.41	peak	12.65	46.06	74.00	150	149	-27.94	
*	9025.000	33.98	peak	13.30	47.28	74.00	150	103	-26.72	

*:Maximum data x:Over limit !:over margin



Address: No. 99, Sec. 1, Balian Rd., Xizhi Dist., New Taipei City
Tel: +886-2-2646-1508
Fax: +886-2-2646-1533

Radiated Emission Measurement

Operator: Echo

File : 3

Data : #8

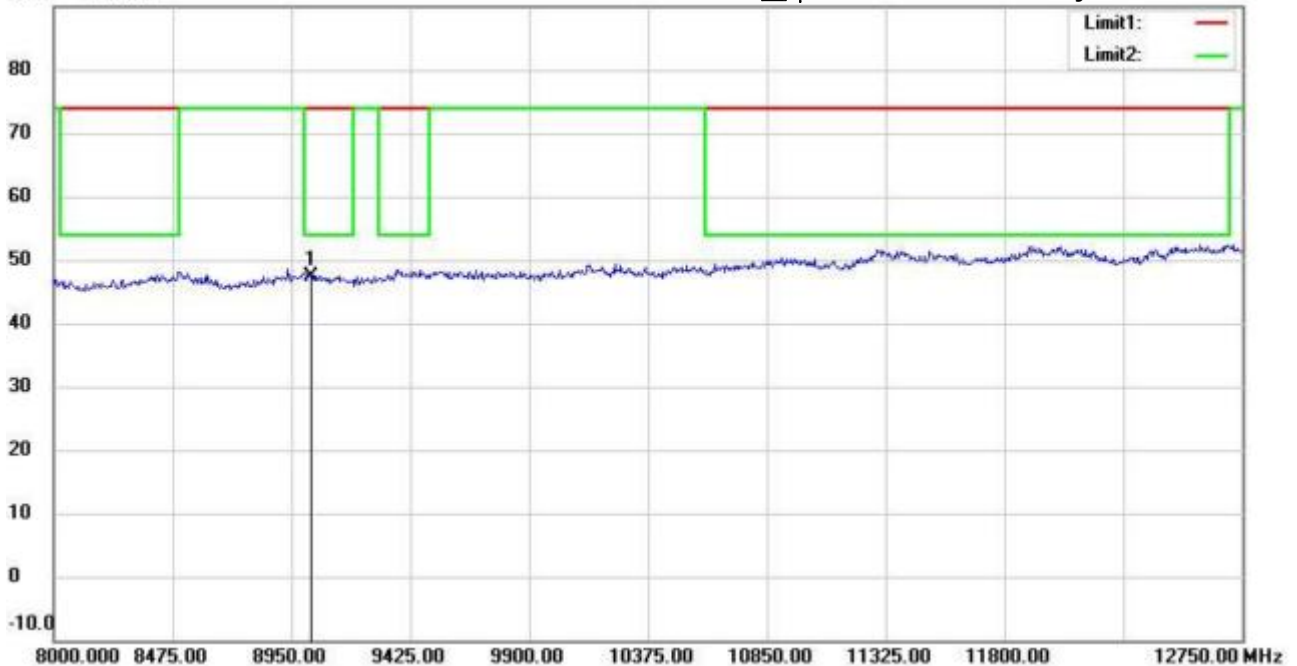
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:15:48

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	9025.000	34.12	peak	13.30	47.42	74.00	150	222	-26.58	

*:Maximum data x:Over limit !:over margin

Radiated Emission Measurement

Operator: Gino

File :1

Data :#1

Date: 2026/1/21

Temperature:24.1 °C

100.0 dBuV/m

Time: 下午 11:16:51

Humidity:46.6 %



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: *Horizontal*

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	47.8200	41.13	peak	-12.93	28.20	74.00	100	28	-45.80	
	83.7300	43.31	peak	-17.70	25.61	74.00	100	274	-48.39	
*	194.7000	43.85	peak	-15.33	28.52	74.00	100	262	-45.48	
	202.2600	44.15	peak	-15.84	28.31	74.00	100	279	-45.69	

***:Maximum data x:Over limit !:over margin**



Radiated Emission Measurement

Operator: Gino

File :1

Data :#3

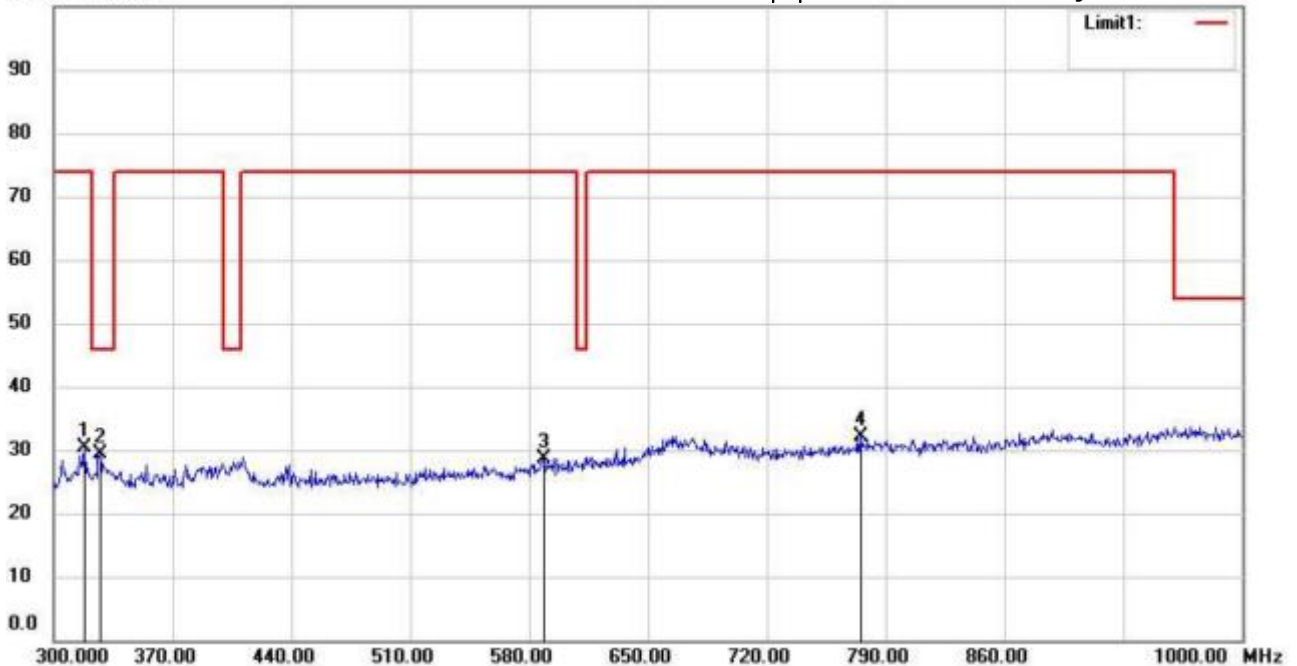
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:18:20

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Horizontal**

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	318.2000	41.89	peak	-11.55	30.34	74.00	100	57	-43.66	
*	327.3000	40.81	peak	-11.40	29.41	46.00	100	62	-16.59	
	589.1000	33.98	peak	-5.25	28.73	74.00	100	263	-45.27	
	775.3000	34.18	peak	-2.02	32.16	74.00	100	17	-41.84	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#2

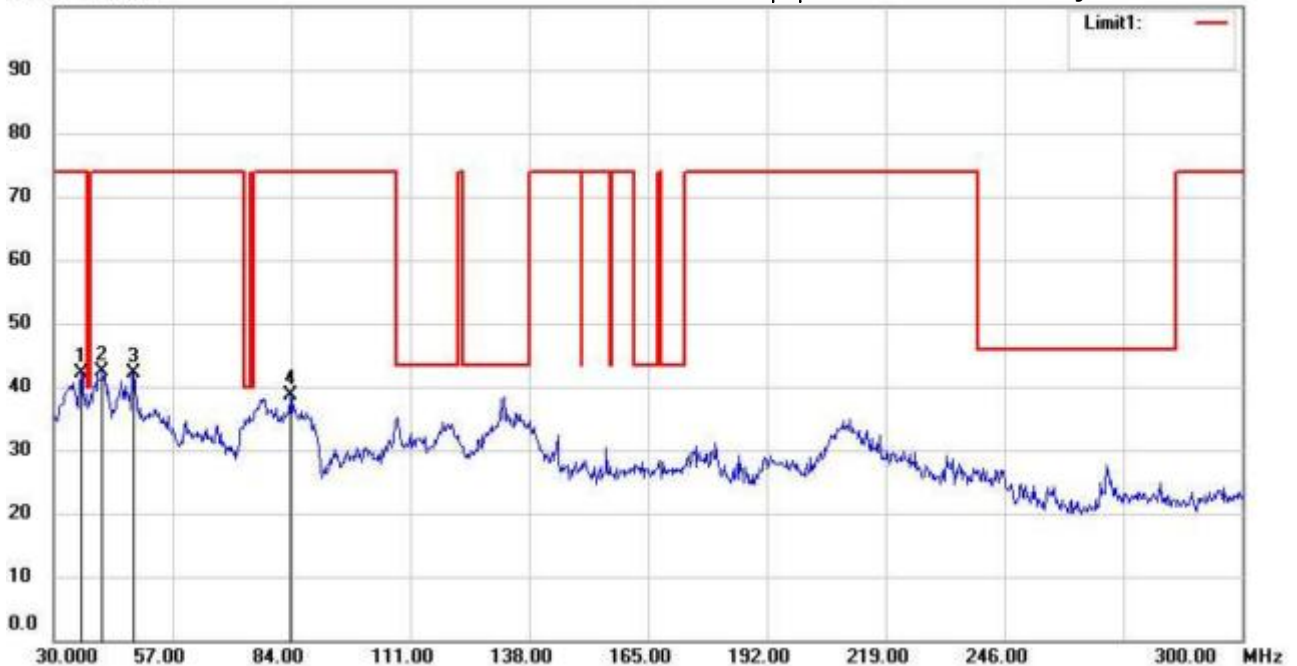
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:17:35

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Vertical**

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	36.2100	56.19	peak	-14.11	42.08	74.00	100	320	-31.92	
*	41.0700	55.90	peak	-13.64	42.26	74.00	100	170	-31.74	
	48.0900	55.04	peak	-12.90	42.14	74.00	100	15	-31.86	
	83.7300	56.33	peak	-17.70	38.63	74.00	100	239	-35.37	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#4

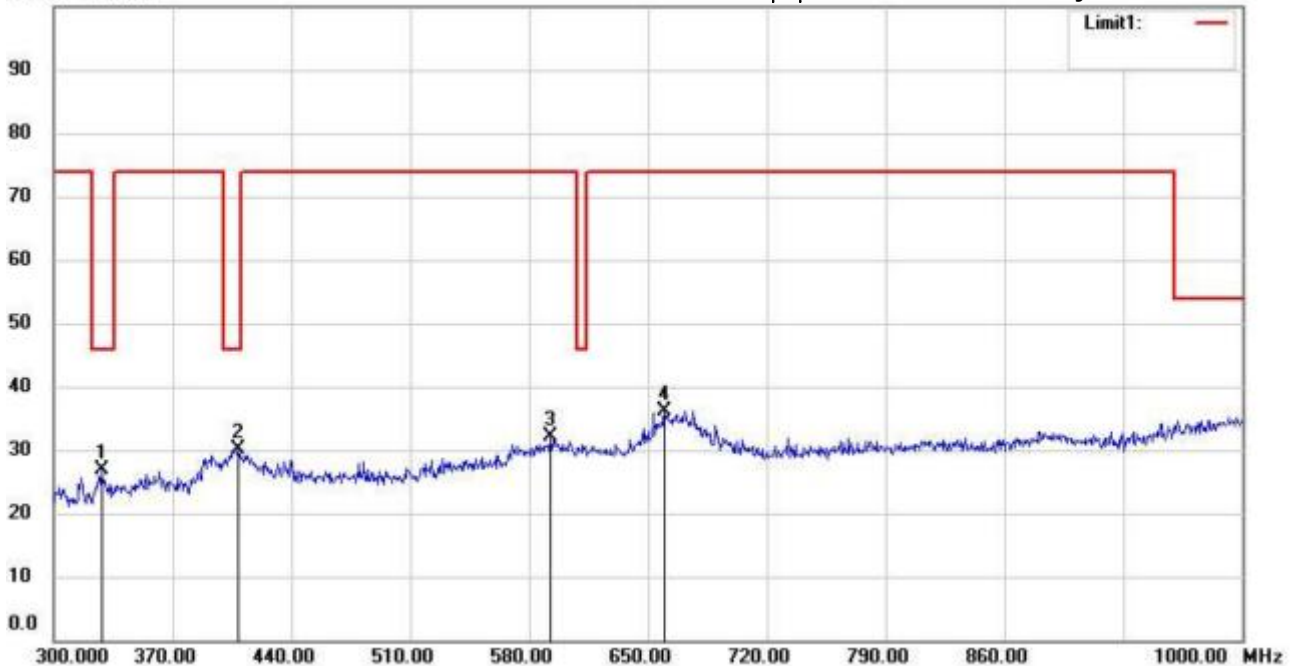
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:19:05

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Vertical**

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	328.0000	38.20	peak	-11.39	26.81	46.00	100	230	-19.19	
*	408.5000	39.63	peak	-9.38	30.25	46.00	100	174	-15.75	
	592.6000	37.22	peak	-5.17	32.05	74.00	100	236	-41.95	
	659.8000	39.80	peak	-3.62	36.18	74.00	100	130	-37.82	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#1

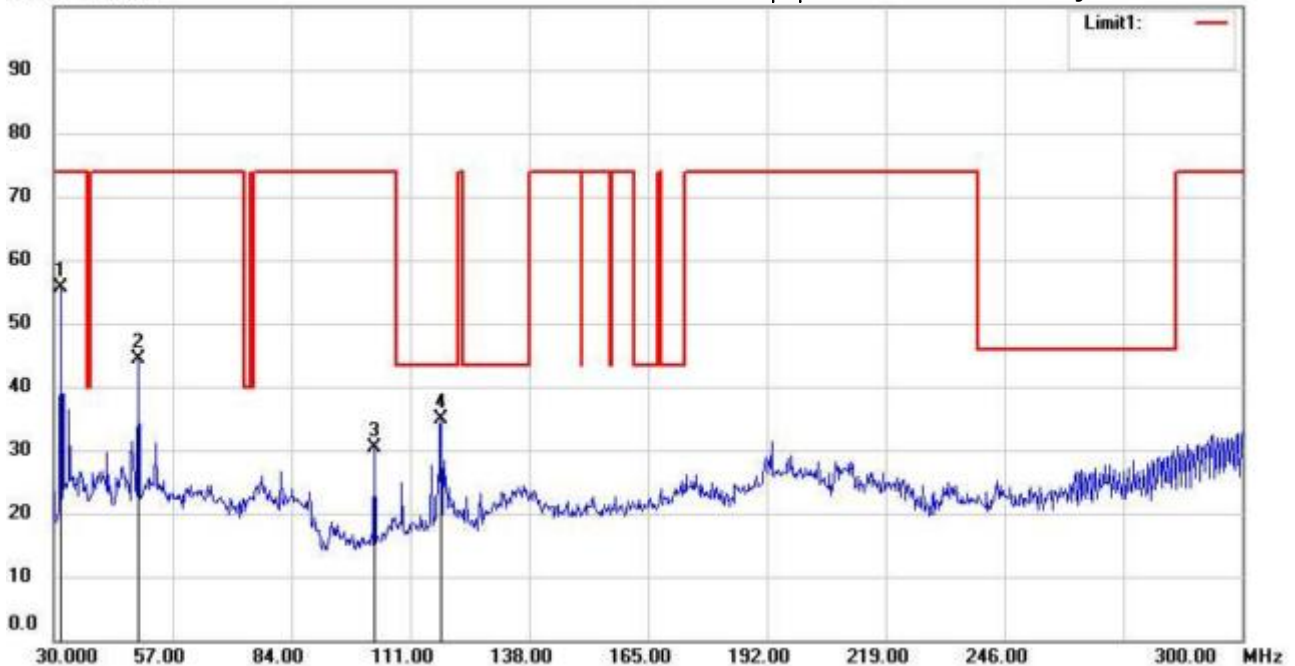
Date: 2026/1/21

Temperature: 24.1 °C

Time: 下午 10:52:40

Humidity: 46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	31.6200	70.19	peak	-14.55	55.64	74.00	100	208	-18.36	
	49.1700	57.18	peak	-12.79	44.39	74.00	100	5	-29.61	
	102.9000	47.33	peak	-16.90	30.43	74.00	100	102	-43.57	
*	118.0200	50.00	peak	-15.03	34.97	43.50	100	214	-8.53	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#3

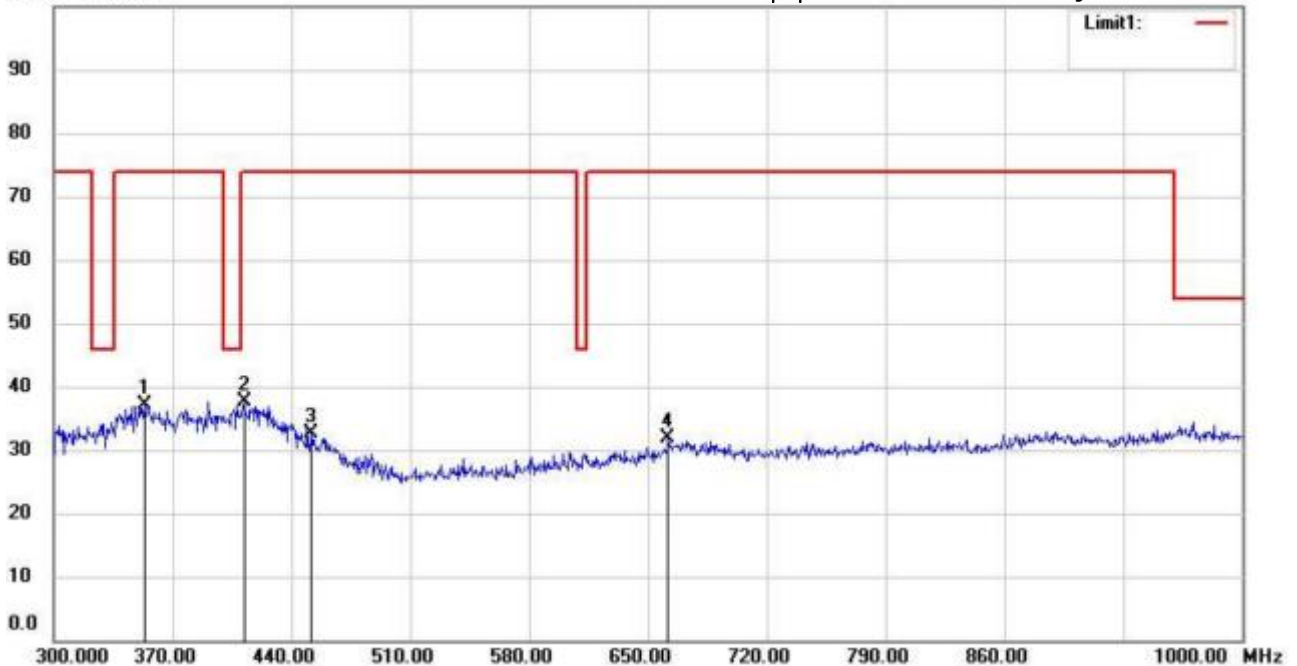
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 10:54:09

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: *Horizontal*

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	353.2000	48.07	peak	-10.91	37.16	74.00	100	297	-36.84	
*	412.0000	46.95	peak	-9.27	37.68	74.00	100	252	-36.32	
	451.9000	40.82	peak	-8.07	32.75	74.00	100	247	-41.25	
	661.9000	35.52	peak	-3.60	31.92	74.00	100	140	-42.08	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#2

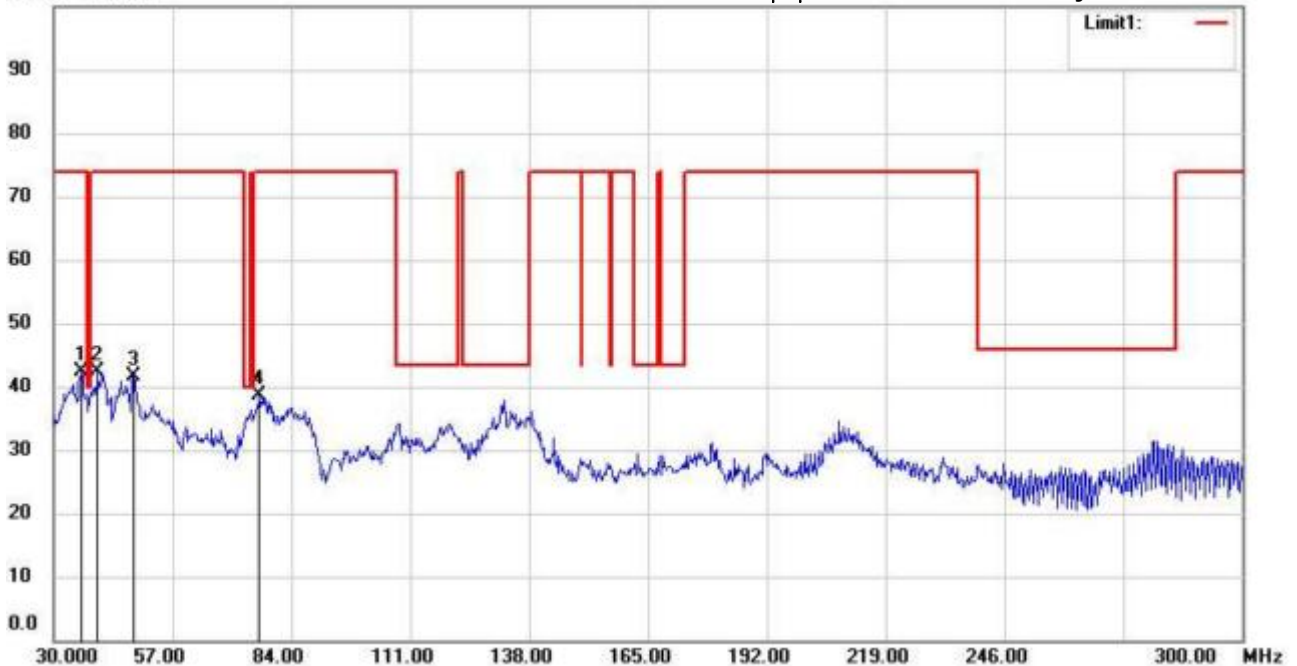
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 10:53:25

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Vertical**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	36.2100	56.42	peak	-14.11	42.31	74.00	100	311	-31.69	
*	39.9900	56.17	peak	-13.75	42.42	74.00	100	212	-31.58	
	48.0900	54.64	peak	-12.90	41.74	74.00	100	15	-32.26	
	76.7100	55.19	peak	-16.62	38.57	74.00	100	293	-35.43	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#4

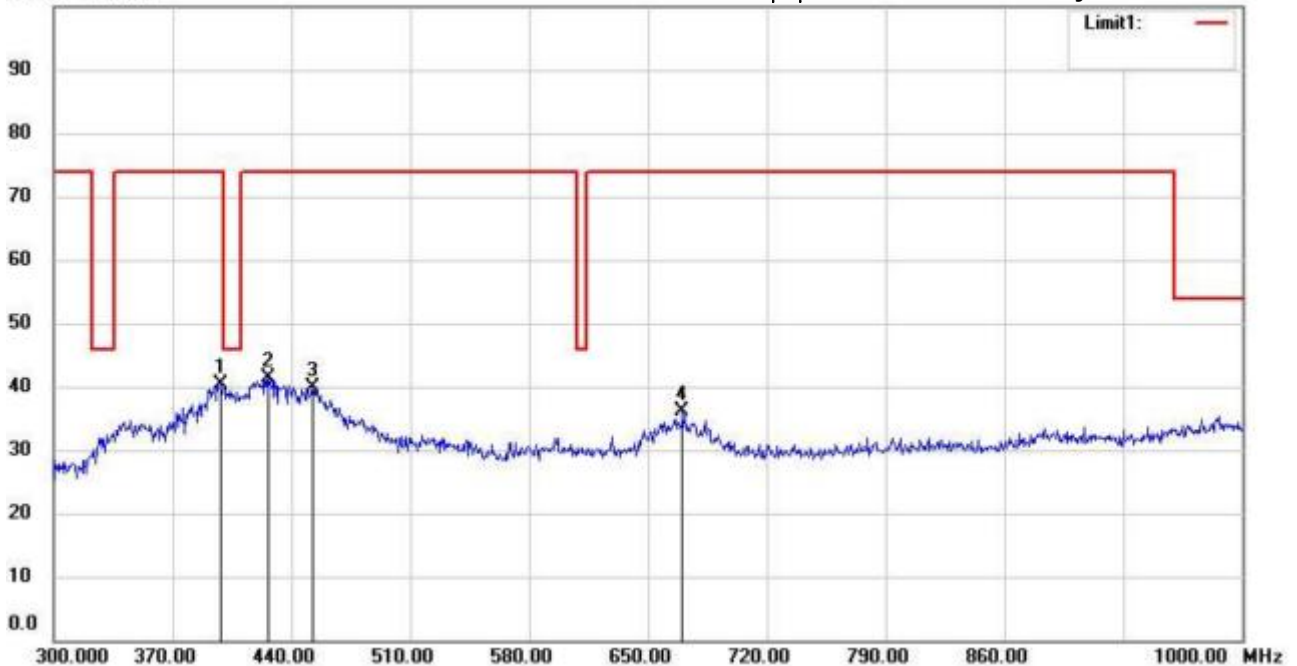
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 10:54:55

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Vertical**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	398.7000	50.12	peak	-9.68	40.44	74.00	100	163	-33.56	
*	426.7000	50.05	peak	-8.77	41.28	74.00	100	175	-32.72	
	452.6000	47.88	peak	-8.05	39.83	74.00	100	286	-34.17	
	670.3000	39.64	peak	-3.51	36.13	74.00	100	141	-37.87	



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Radiated Emission Measurement

Operator: Echo

File : 3

Data : #1

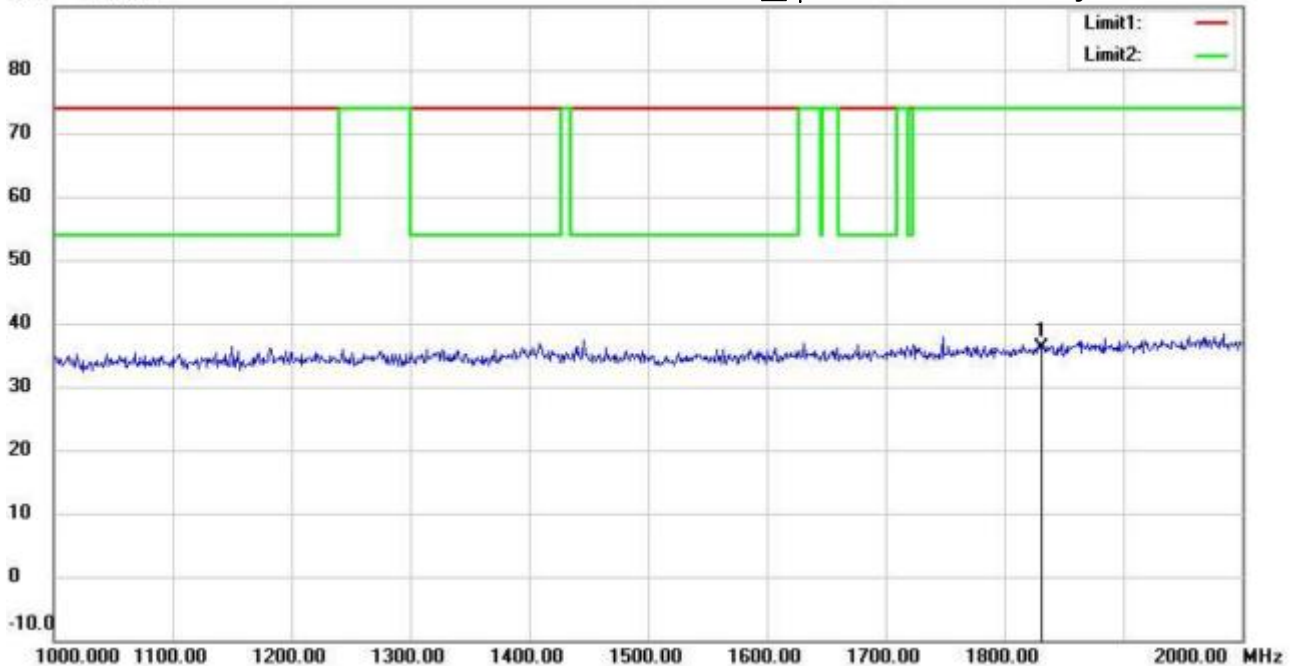
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:19:16

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1830.250	42.32	peak	-6.24	36.08	74.00	150	36	-37.92	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Echo

File : 3

Data : #5

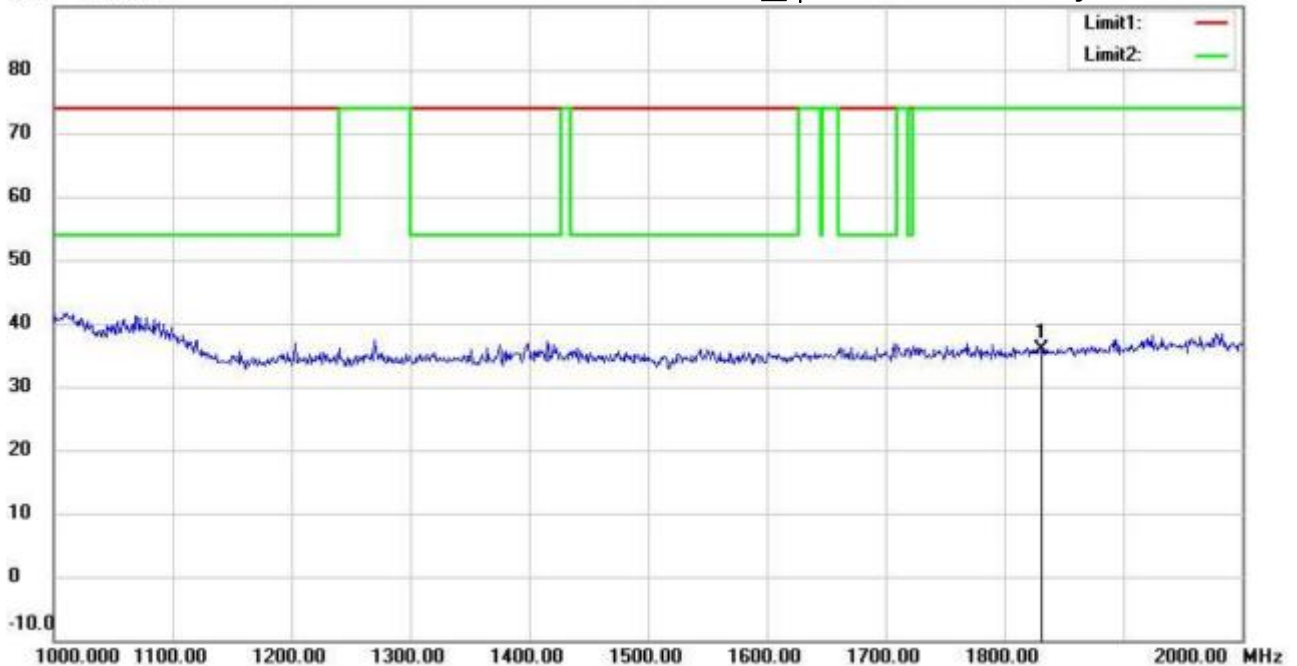
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:22:06

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1830.250	42.10	peak	-6.24	35.86	74.00	150	11	-38.14	

*:Maximum data x:Over limit !:over margin



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Fax: +886-2-2646-1533

Radiated Emission Measurement

Operator: Echo

File : 3

Data : #2

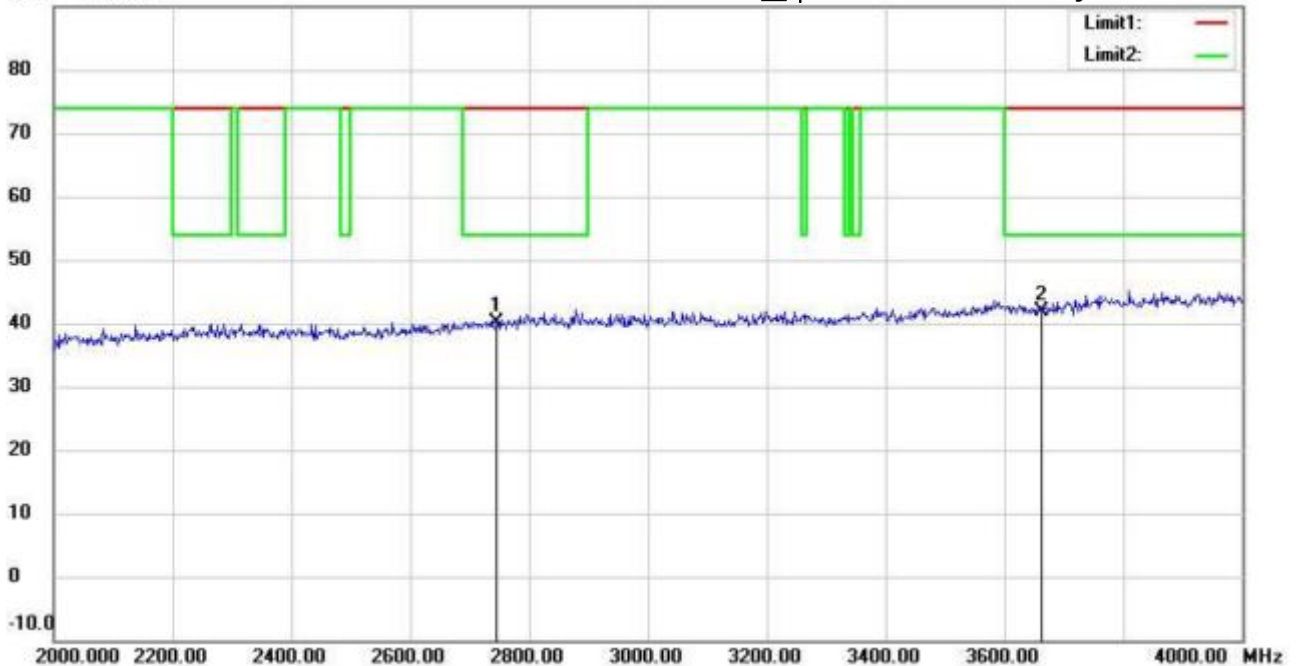
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:19:57

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2745.375	42.25	peak	-2.16	40.09	74.00	150	326	-33.91	
*	3660.500	41.24	peak	0.67	41.91	74.00	150	119	-32.09	

*:Maximum data x:Over limit !:over margin



Address: No. 99, Sec. 1, Balian Rd., Xizhi Dist., New Taipei City
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Radiated Emission Measurement

Operator: Echo

File : 3

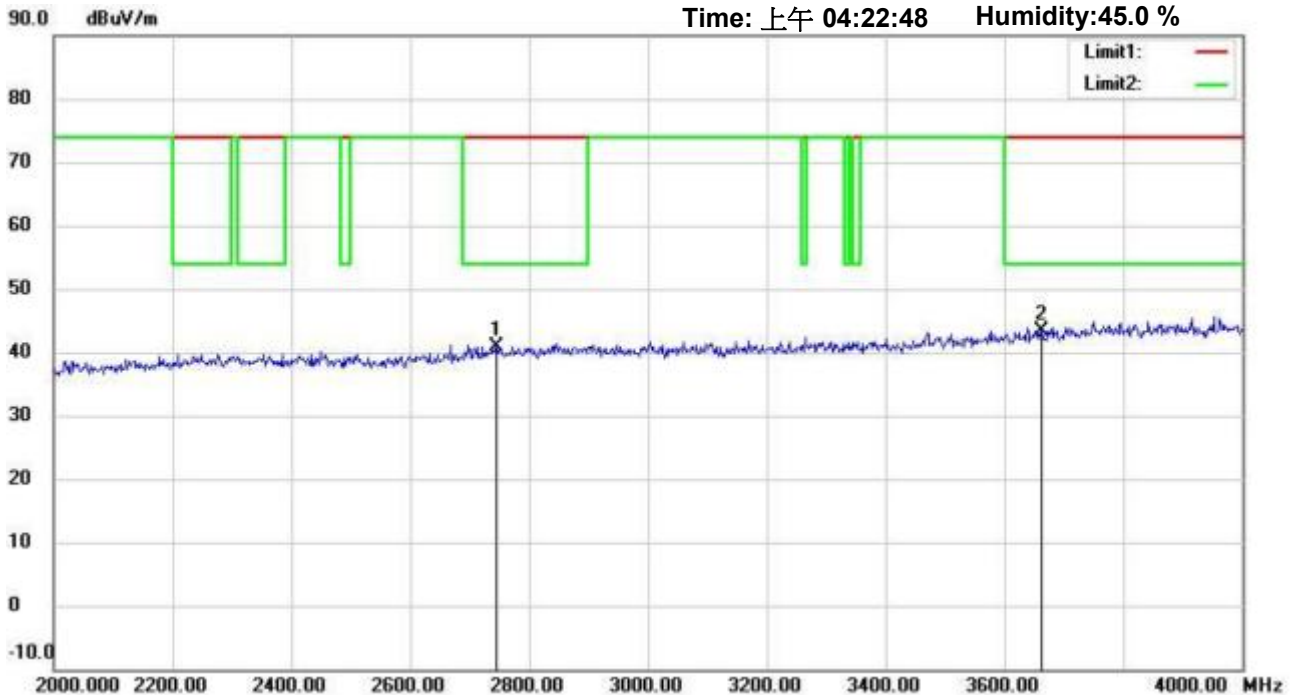
Data : #6

Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:22:48

Humidity: 45.0 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Vertical**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2745.375	43.06	peak	-2.16	40.90	74.00	150	123	-33.10	
*	3660.500	42.59	peak	0.67	43.26	74.00	150	28	-30.74	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Echo

File : 3

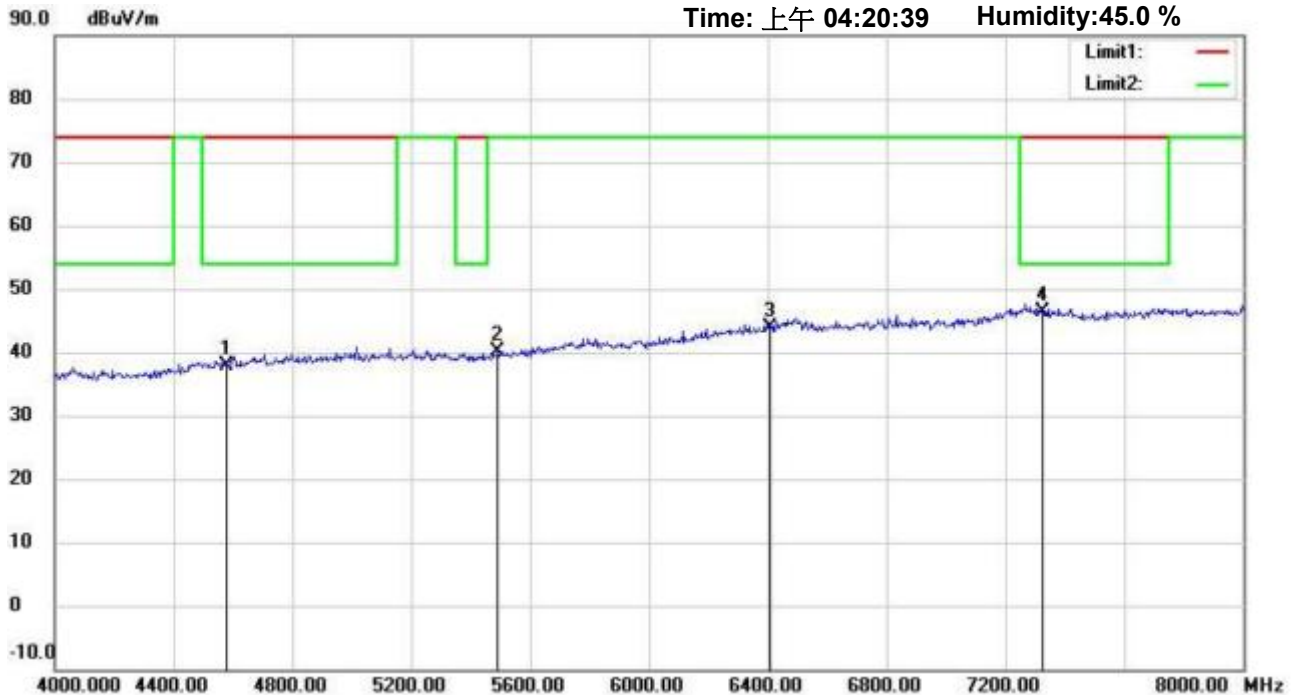
Data : #3

Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:20:39

Humidity: 45.0 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4575.625	33.18	peak	4.65	37.83	74.00	150	39	-36.17	
	5490.750	33.92	peak	6.16	40.08	74.00	150	225	-33.92	
	6405.875	33.46	peak	10.50	43.96	74.00	150	146	-30.04	
*	7321.000	34.14	peak	12.23	46.37	74.00	150	172	-27.63	



Radiated Emission Measurement

Operator: Echo

File : 3

Data : #7

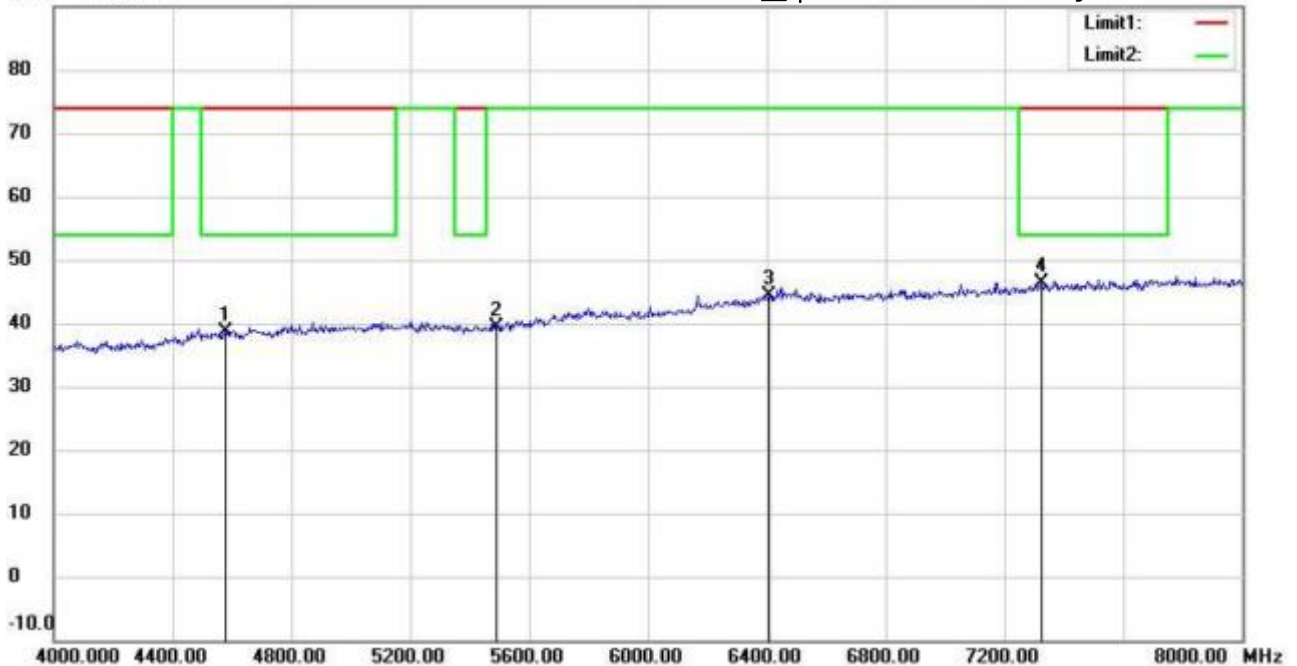
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:23:31

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4575.625	33.90	peak	4.65	38.55	74.00	150	216	-35.45	
	5490.750	33.16	peak	6.16	39.32	74.00	150	192	-34.68	
	6405.875	33.76	peak	10.50	44.26	74.00	150	154	-29.74	
*	7321.000	34.27	peak	12.23	46.50	74.00	150	237	-27.50	



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Radiated Emission Measurement

Operator: Echo

File : 3

Data : #4

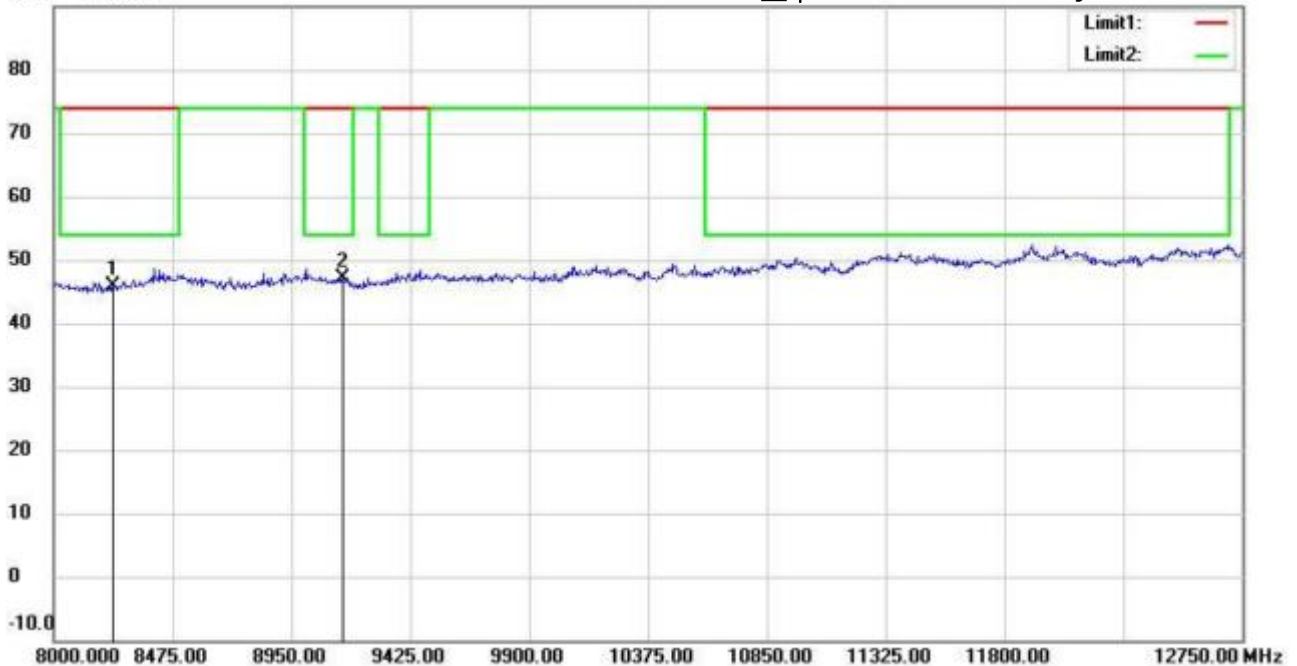
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:21:21

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	8236.125	33.03	peak	12.77	45.80	74.00	150	200	-28.20	
*	9151.250	33.94	peak	13.18	47.12	74.00	150	147	-26.88	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Echo

File : 3

Data : #8

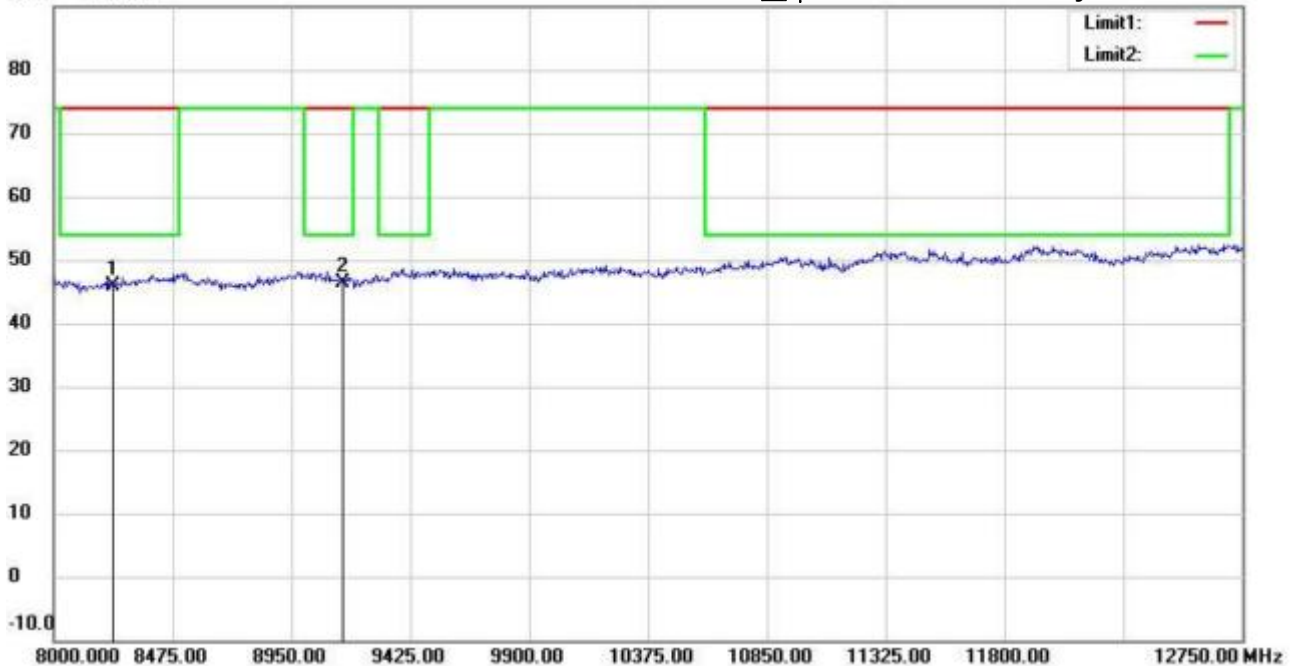
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:24:12

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	8236.125	33.19	peak	12.77	45.96	74.00	150	351	-28.04	
*	9151.250	33.27	peak	13.18	46.45	74.00	150	275	-27.55	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Gino

File :1

Data :#1

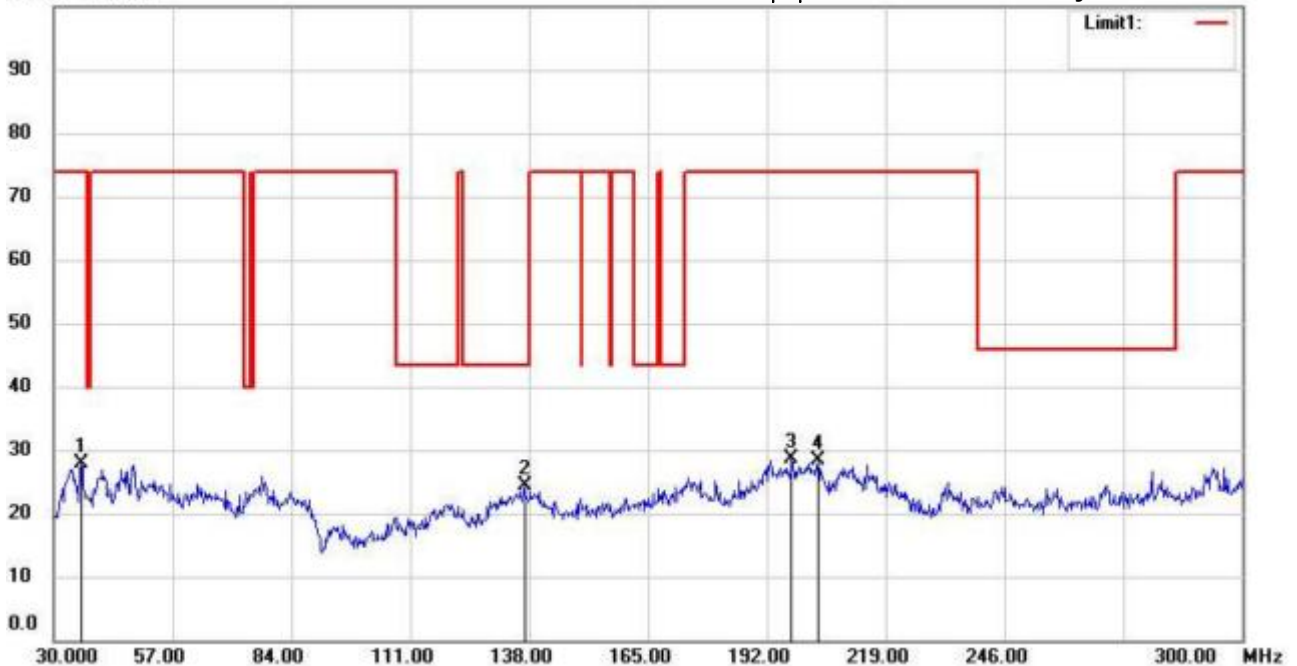
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:11:33

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: *Horizontal*

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	36.2100	41.93	peak	-14.11	27.82	74.00	100	129	-46.18	
*	136.9200	37.49	peak	-13.14	24.35	43.50	100	112	-19.15	
	197.6700	44.23	peak	-15.62	28.61	74.00	100	258	-45.39	
	203.6100	44.11	peak	-15.83	28.28	74.00	100	292	-45.72	



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Radiated Emission Measurement

Operator: Gino

File :1

Data :#3

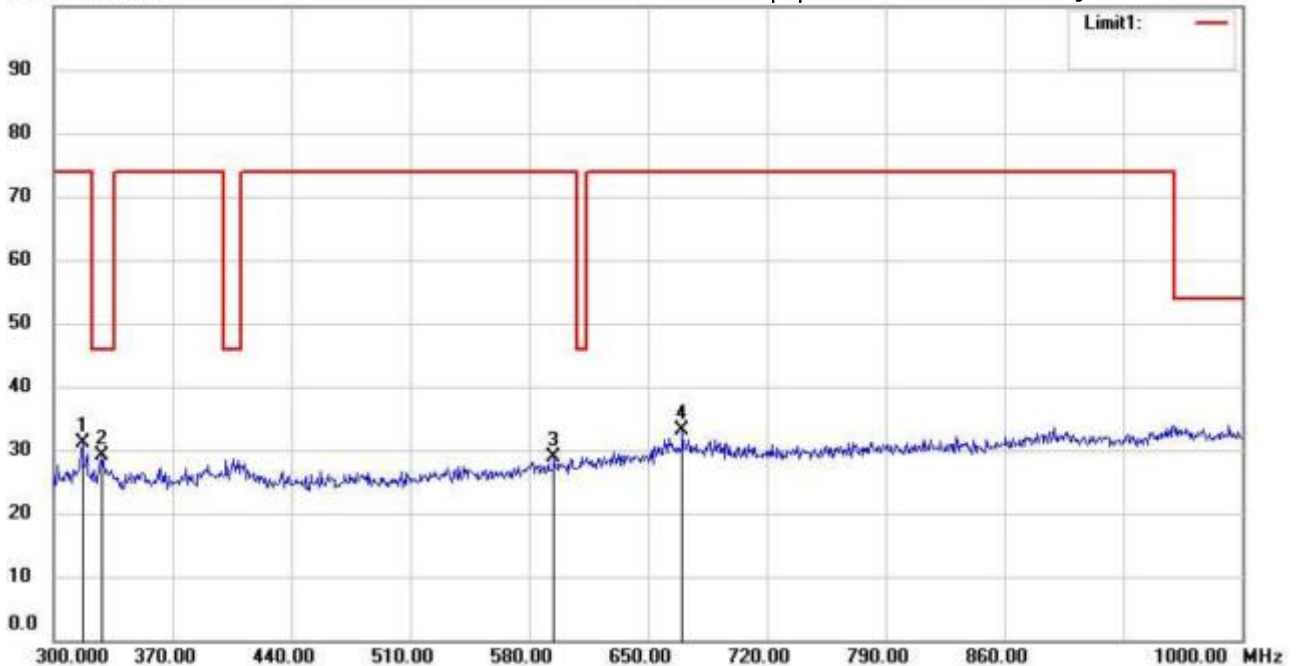
Date: 2026/1/21

Temperature: 24.1 °C

Time: 下午 11:13:02

Humidity: 46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: *Horizontal*

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	316.8000	42.60	peak	-11.58	31.02	74.00	100	280	-42.98	
*	328.7000	40.49	peak	-11.38	29.11	46.00	100	236	-16.89	
	594.7000	33.92	peak	-5.11	28.81	74.00	100	1	-45.19	
	670.3000	36.73	peak	-3.51	33.22	74.00	100	275	-40.78	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Gino

File :1

Data :#2

Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:12:17

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Vertical**

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	36.2100	56.06	peak	-14.11	41.95	74.00	100	199	-32.05	
	40.2600	55.74	peak	-13.72	42.02	74.00	100	2	-31.98	
*	47.8200	55.73	peak	-12.93	42.80	74.00	100	359	-31.20	
	84.2700	55.99	peak	-17.76	38.23	74.00	100	203	-35.77	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#4

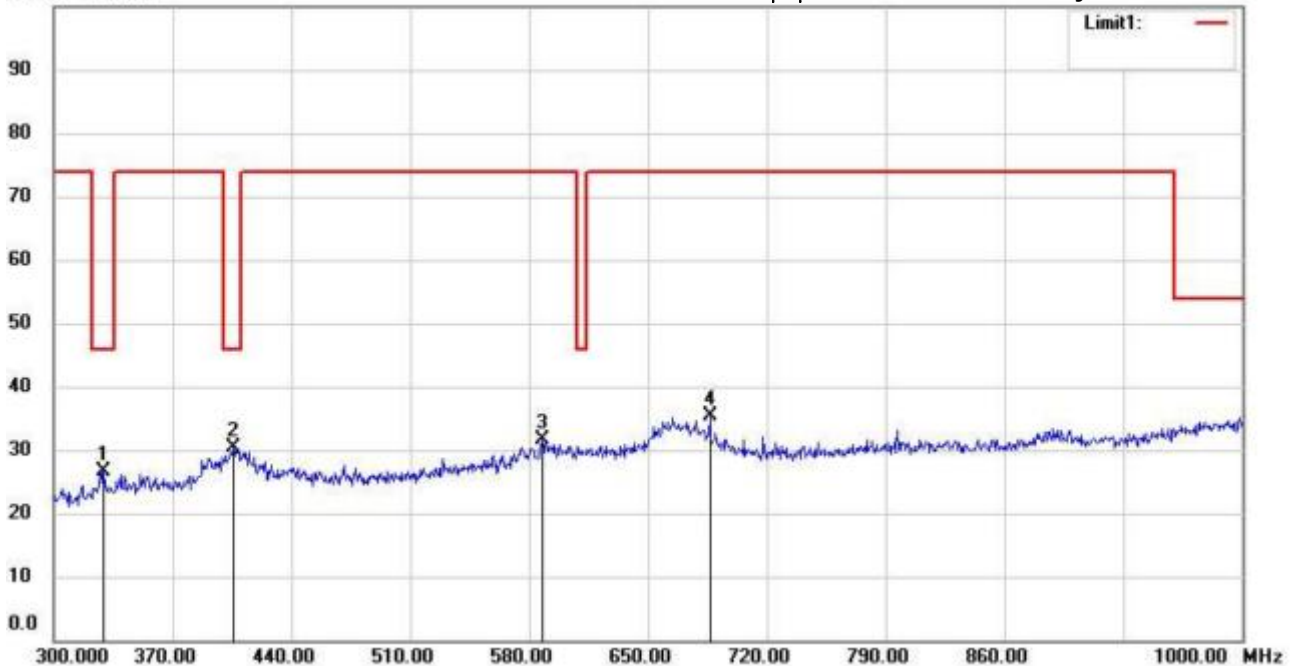
Date: 2026/1/21

Temperature: 24.1 °C

Time: 下午 11:13:47

Humidity: 46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 915.125MHz

Note :

Polarization: **Vertical**

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	329.4000	37.93	peak	-11.36	26.57	46.00	100	231	-19.43	
*	405.7000	39.75	peak	-9.47	30.28	46.00	100	186	-15.72	
	587.7000	36.84	peak	-5.29	31.55	74.00	100	231	-42.45	
	686.4000	38.67	peak	-3.34	35.33	74.00	100	158	-38.67	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#1

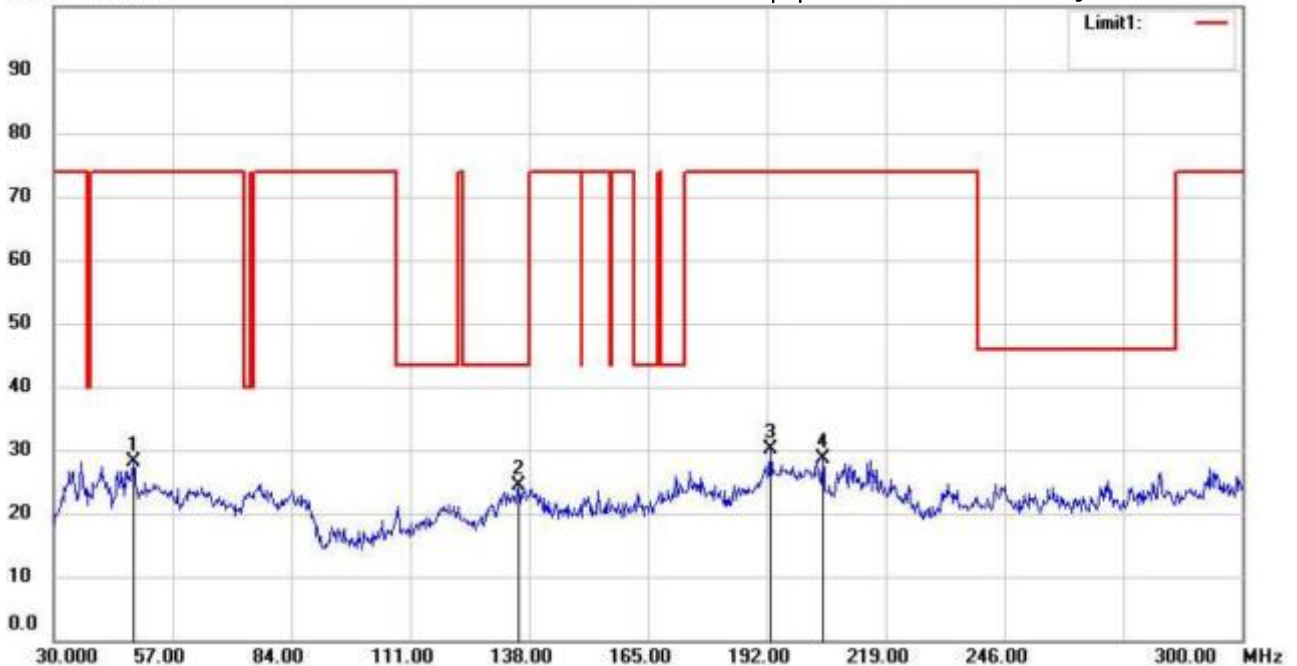
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:05:23

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: *Horizontal*

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	48.0900	41.13	peak	-12.90	28.23	74.00	100	72	-45.77	
*	135.5700	37.65	peak	-13.27	24.38	43.50	100	111	-19.12	
	192.8100	45.16	peak	-15.14	30.02	74.00	100	273	-43.98	
	204.6900	44.42	peak	-15.82	28.60	74.00	100	278	-45.40	



Radiated Emission Measurement

Operator: Gino

File :1

Data :#3

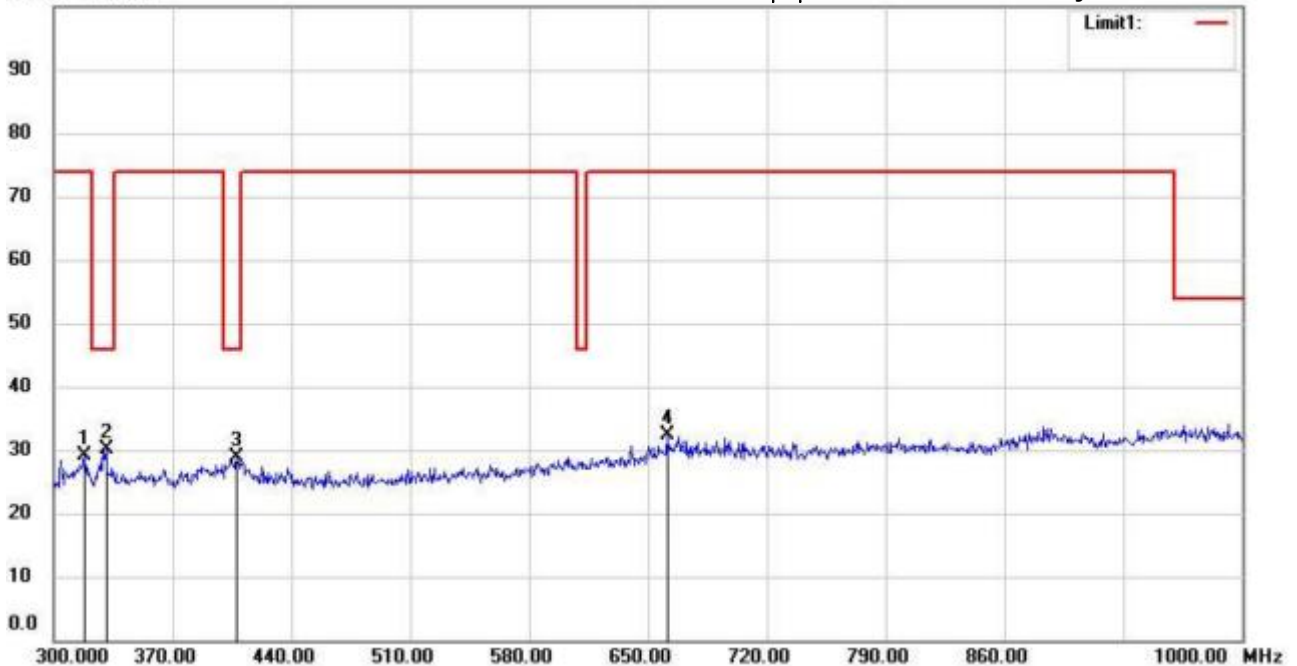
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:06:52

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: *Horizontal*

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	318.2000	40.61	peak	-11.55	29.06	74.00	100	68	-44.94	
*	330.8000	41.58	peak	-11.34	30.24	46.00	100	263	-15.76	
	407.8000	38.18	peak	-9.41	28.77	46.00	100	274	-17.23	
	661.2000	36.01	peak	-3.60	32.41	74.00	100	152	-41.59	



Radiated Emission Measurement

Operator: Gino

File : 1

Data : #2

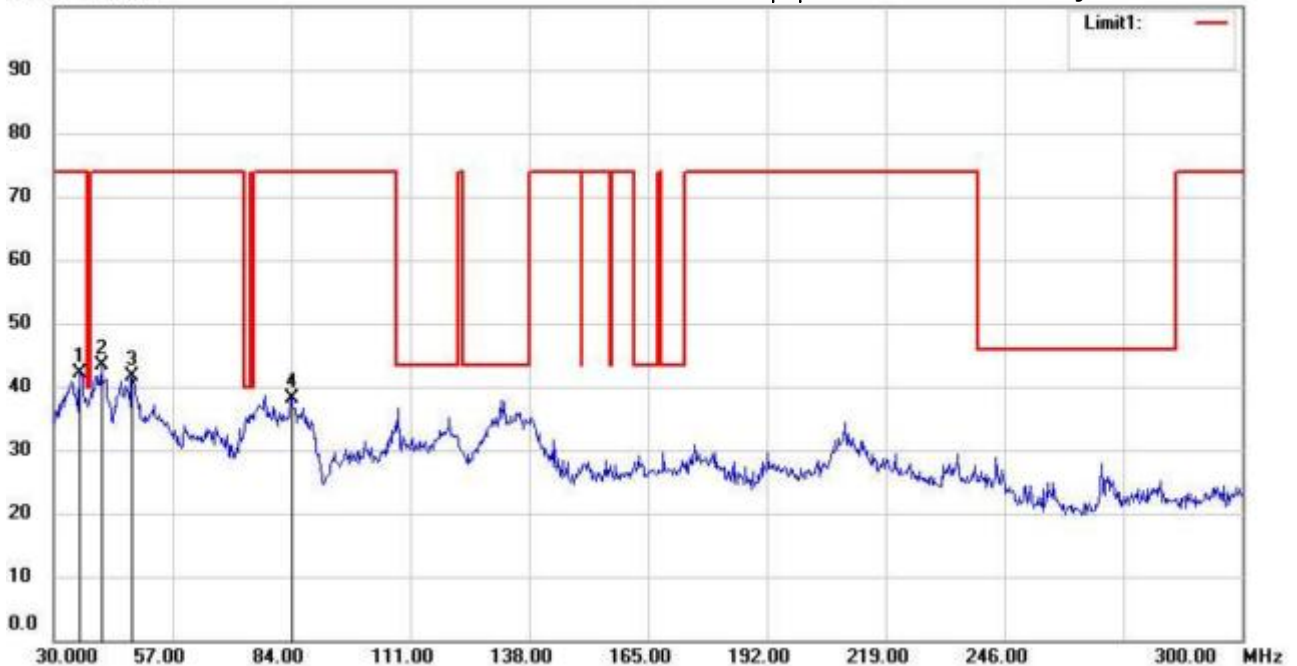
Date: 2026/1/21

Temperature: 24.1 °C

Time: 下午 11:06:07

Humidity: 46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	35.9400	56.27	peak	-14.14	42.13	74.00	100	199	-31.87	
*	40.8000	57.08	peak	-13.67	43.41	74.00	100	57	-30.59	
	47.8200	54.60	peak	-12.93	41.67	74.00	100	231	-32.33	
	84.0000	55.90	peak	-17.73	38.17	74.00	100	180	-35.83	



Radiated Emission Measurement

Operator: Gino

File : 1

Data : #4

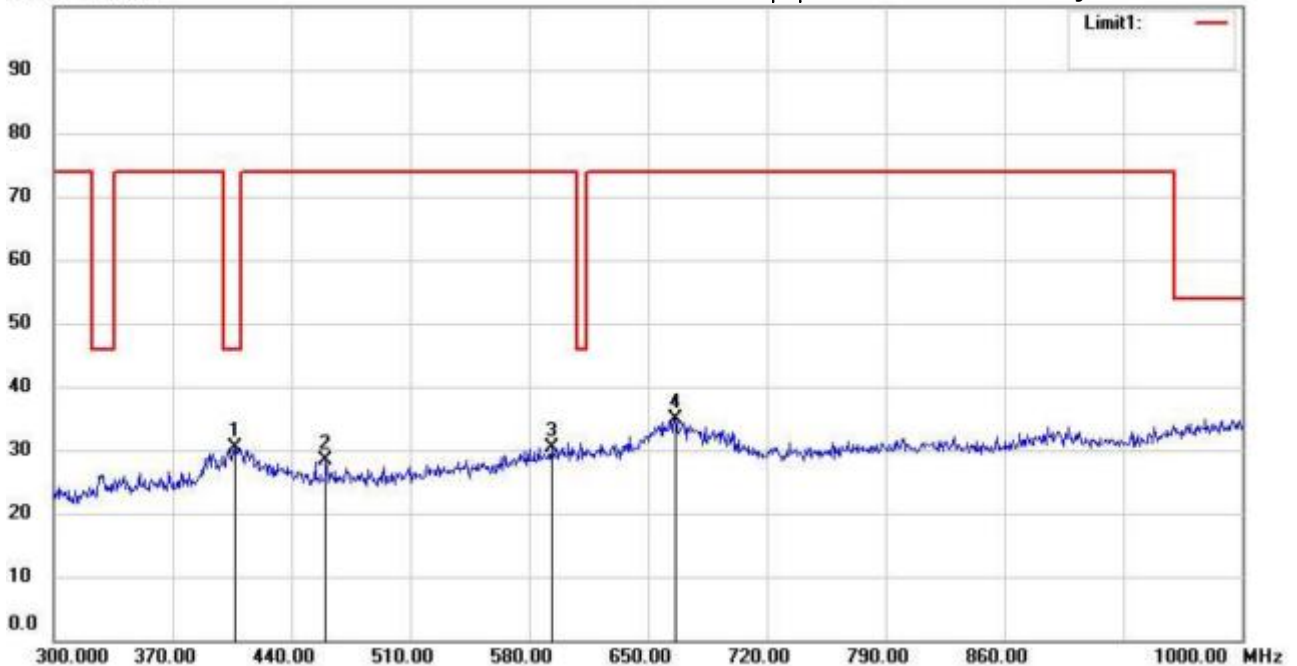
Date: 2026/1/21

Temperature: 24.1 °C

Time: 下午 11:07:37

Humidity: 46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Vertical**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	406.4000	39.88	peak	-9.45	30.43	46.00	100	179	-15.57	
	460.3000	36.40	peak	-7.92	28.48	74.00	100	135	-45.52	
	593.3000	35.56	peak	-5.15	30.41	74.00	100	135	-43.59	
	666.1000	38.46	peak	-3.55	34.91	74.00	100	219	-39.09	



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Radiated Emission Measurement

Operator: Echo

File : 3

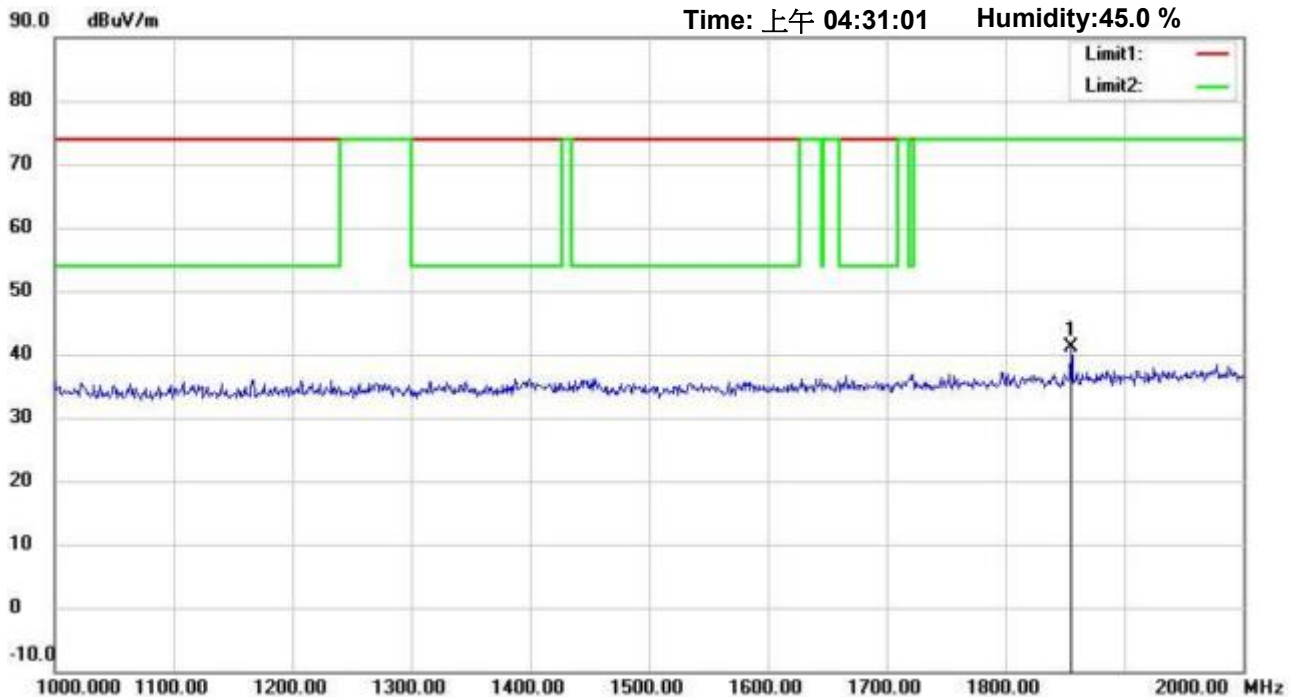
Data : #1

Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:31:01

Humidity: 45.0 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1855.000	47.14	peak	-6.03	41.11	74.00	150	76	-32.89	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Echo

File : 3

Data : #5

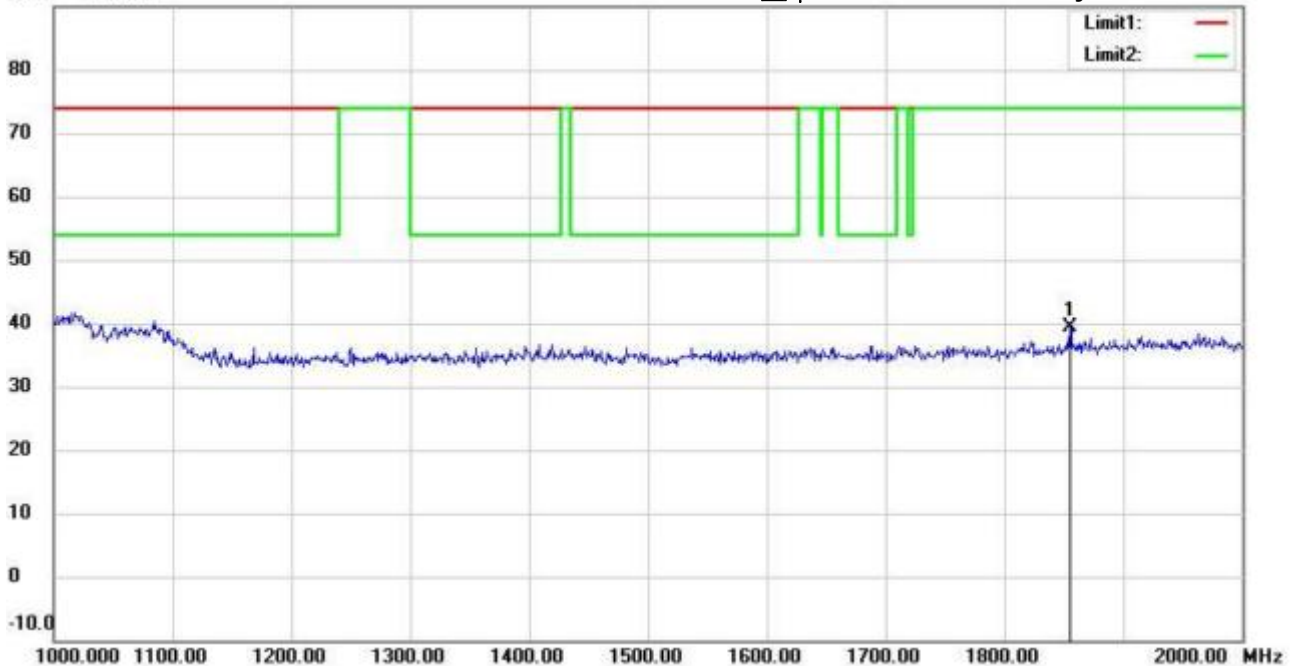
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:33:51

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1855.000	45.45	peak	-6.03	39.42	74.00	150	186	-34.58	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Echo

File : 3

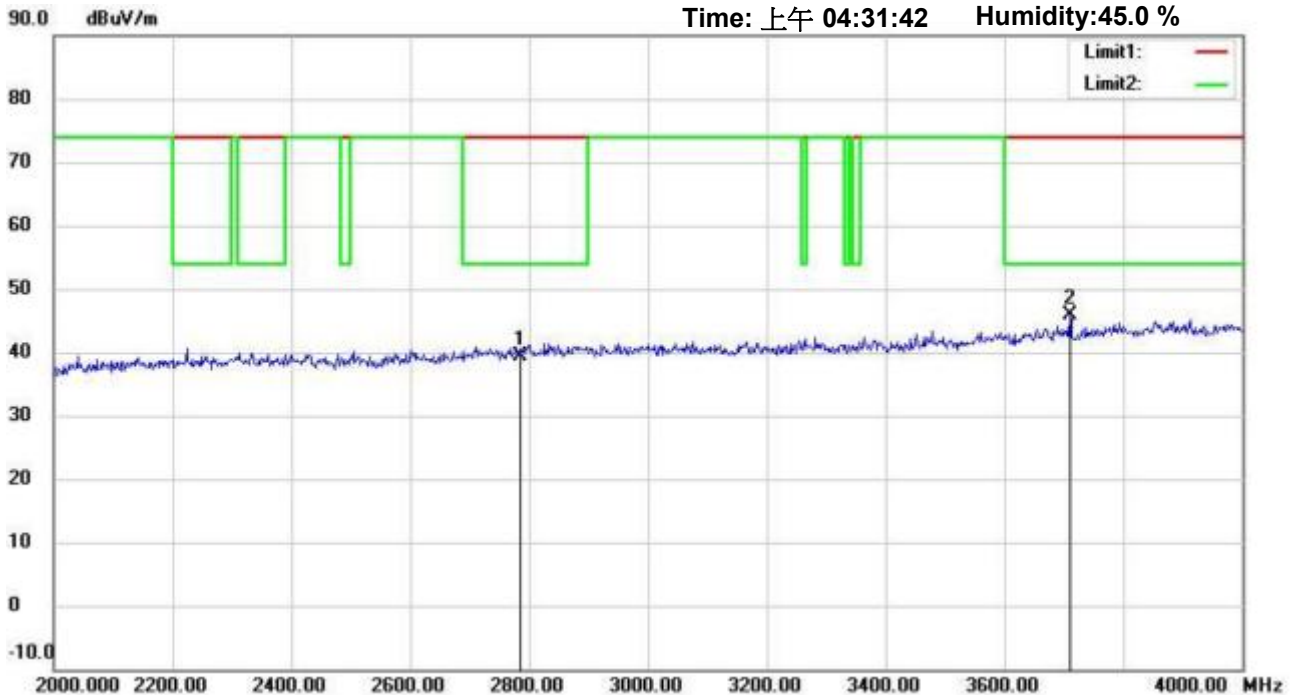
Data : #2

Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:31:42

Humidity: 45.0 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2782.500	41.42	peak	-1.93	39.49	74.00	150	127	-34.51	
*	3710.000	44.87	peak	0.92	45.79	74.00	150	66	-28.21	



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Radiated Emission Measurement

Operator: Echo

File : 3

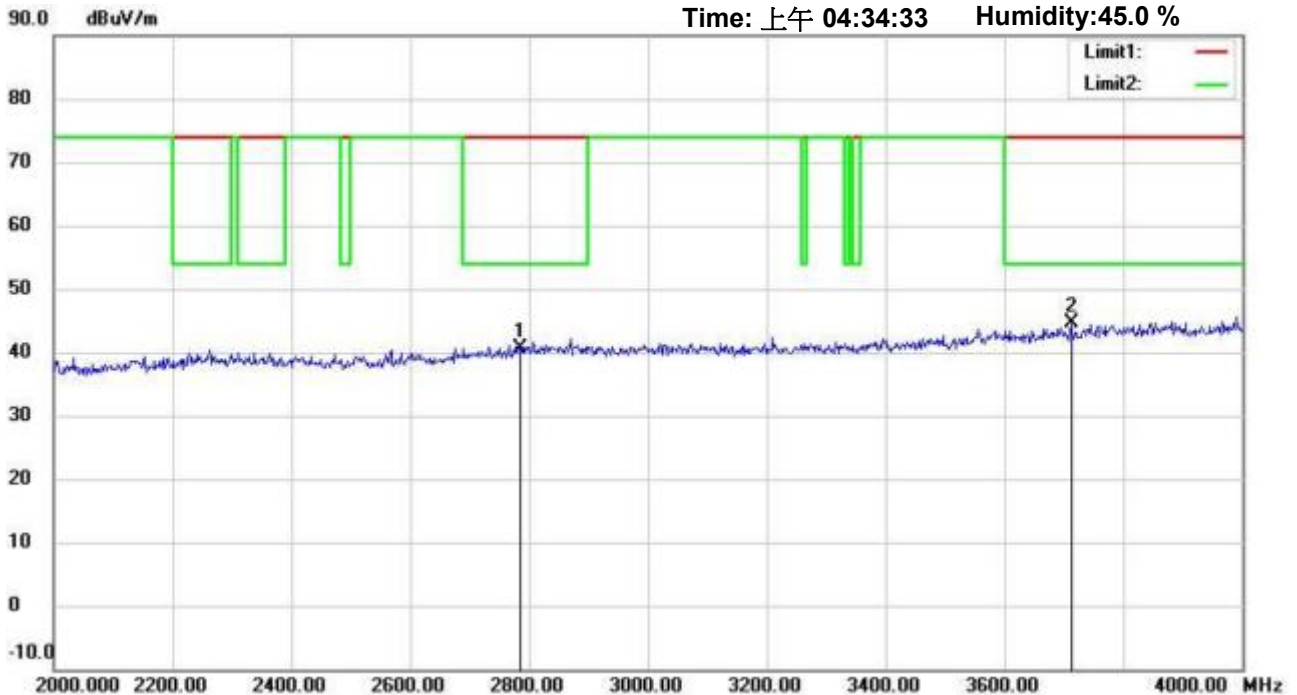
Data : #6

Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:34:33

Humidity: 45.0 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2782.500	42.66	peak	-1.93	40.73	74.00	150	173	-33.27	
*	3712.000	43.62	peak	0.93	44.55	74.00	150	335	-29.45	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Echo

File :3

Data :#3

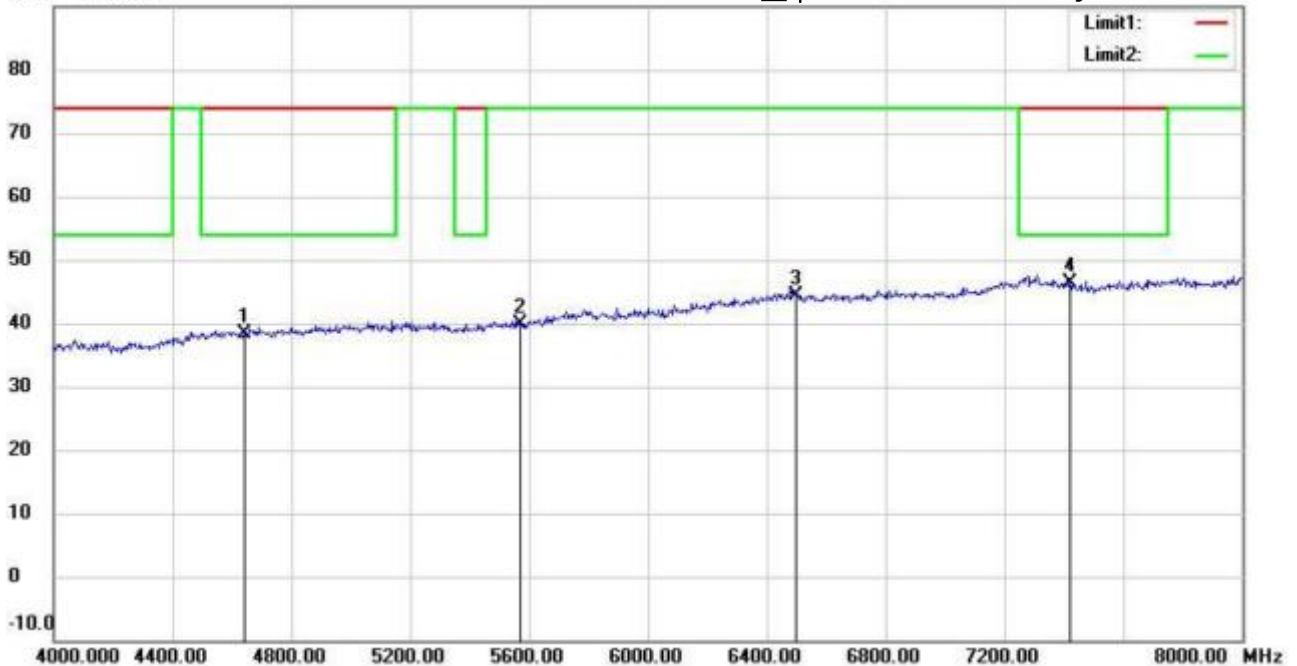
Date: 2026/1/22

Temperature:23.7 °C

Time: 上午 04:32:24

Humidity:45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4637.500	33.58	peak	4.80	38.38	74.00	150	33	-35.62	
	5565.000	33.22	peak	6.54	39.76	74.00	150	158	-34.24	
	6492.500	33.52	peak	10.74	44.26	74.00	150	26	-29.74	
*	7420.000	33.90	peak	12.39	46.29	74.00	150	139	-27.71	



Radiated Emission Measurement

Operator: Echo

File :3

Data :#7

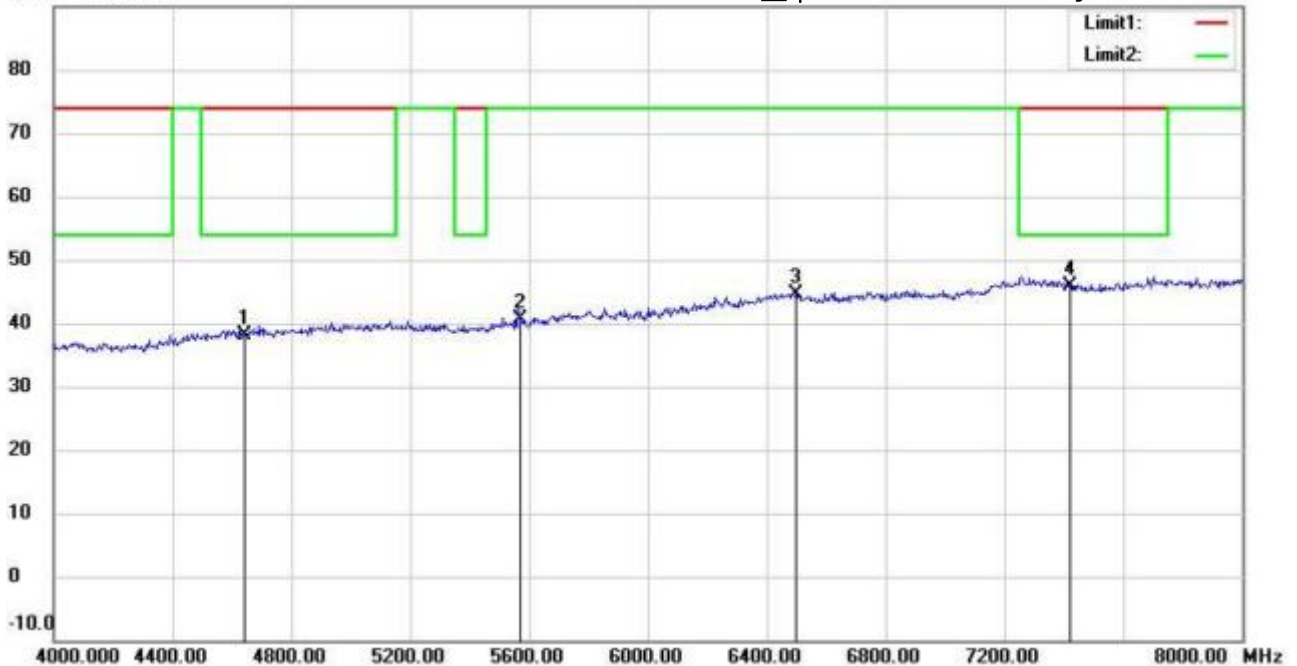
Date: 2026/1/22

Temperature:23.7 °C

Time: 上午 04:35:15

Humidity:45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Vertical**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4637.500	33.30	peak	4.80	38.10	74.00	150	132	-35.90	
	5565.000	34.04	peak	6.54	40.58	74.00	150	229	-33.42	
	6492.500	33.98	peak	10.74	44.72	74.00	150	74	-29.28	
*	7420.000	33.41	peak	12.39	45.80	74.00	150	153	-28.20	



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Radiated Emission Measurement

Operator: Echo

File : 3

Data : #4

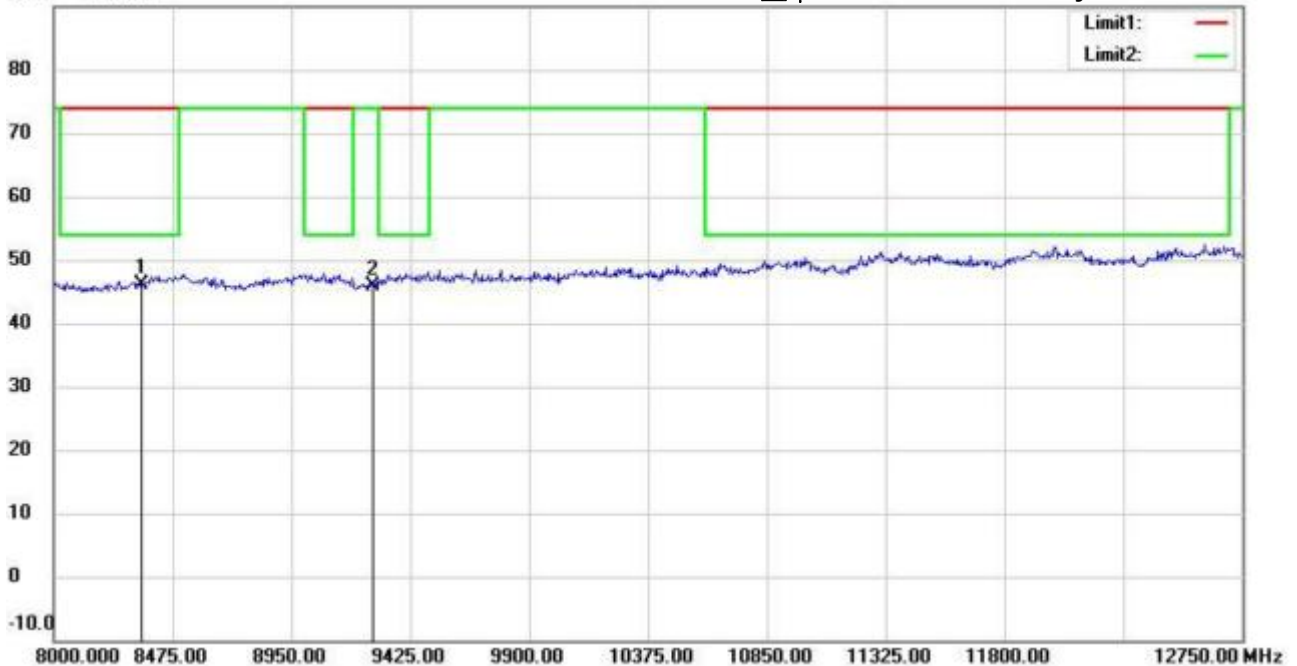
Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:33:05

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Horizontal**

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	8347.500	32.94	peak	13.14	46.08	74.00	150	132	-27.92	
	9275.000	32.74	peak	13.22	45.96	74.00	150	189	-28.04	

*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Echo

File : 3

Data : #8

Date: 2026/1/22

Temperature: 23.7 °C

Time: 上午 04:35:57

Humidity: 45.0 %

90.0 dBuV/m



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: Vertical

Power : 12 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	8347.500	33.59	peak	13.14	46.73	74.00	150	112	-27.27	
	9275.000	33.51	peak	13.22	46.73	74.00	150	183	-27.27	

*:Maximum data x:Over limit !:over margin

Radiated Emission Measurement

Operator: Gino

File :1

Data :#1

Date: 2026/1/21

Temperature:24.1 °C

100.0 dBuV/m

Time: 下午 10:58:30

Humidity:46.6 %



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: *Horizontal*

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	41.0700	41.67	peak	-13.64	28.03	74.00	100	90	-45.97	
	84.0000	42.01	peak	-17.73	24.28	74.00	100	281	-49.72	
	192.8100	44.43	peak	-15.14	29.29	74.00	100	253	-44.71	
*	296.7600	45.20	peak	-11.99	33.21	74.00	100	102	-40.79	

***:Maximum data x:Over limit !:over margin**



Radiated Emission Measurement

Operator: Gino

File :1

Data :#3

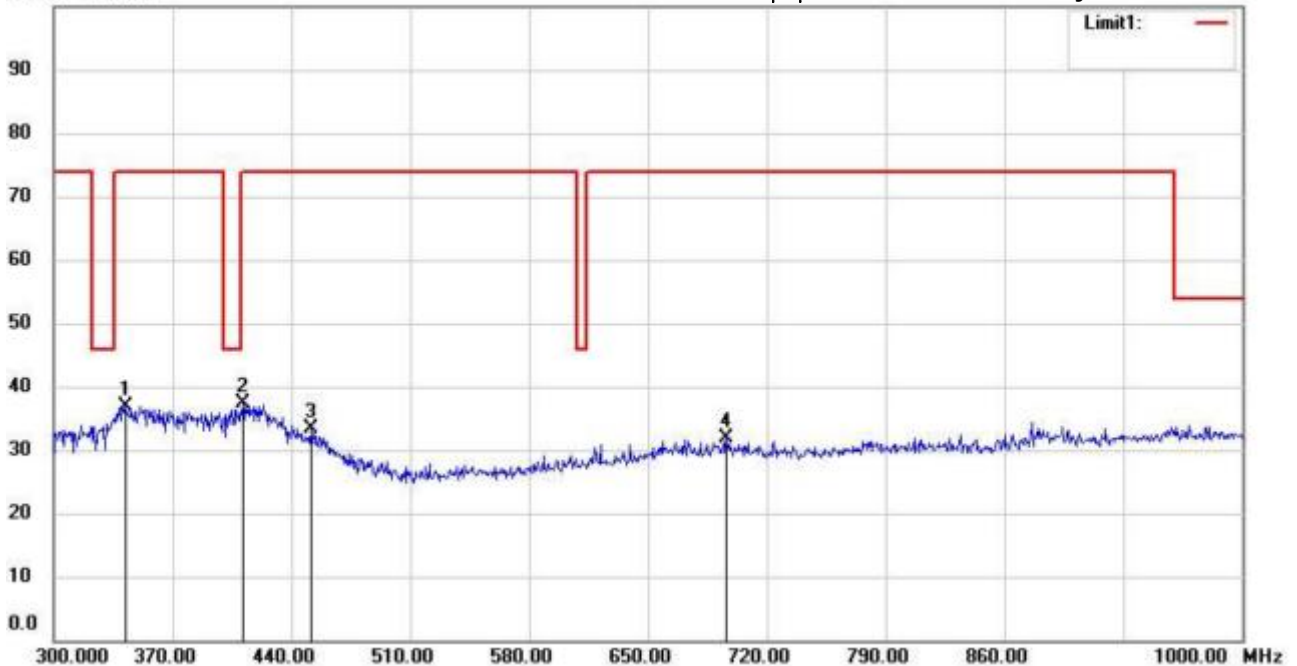
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:00:00

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: *Horizontal*

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	342.0000	48.10	peak	-11.15	36.95	74.00	100	61	-37.05	
*	411.3000	46.65	peak	-9.29	37.36	74.00	100	139	-36.64	
	451.2000	41.45	peak	-8.08	33.37	74.00	100	234	-40.63	
	696.2000	35.07	peak	-3.24	31.83	74.00	100	139	-42.17	



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Radiated Emission Measurement

Operator: Gino

File :1

Data :#2

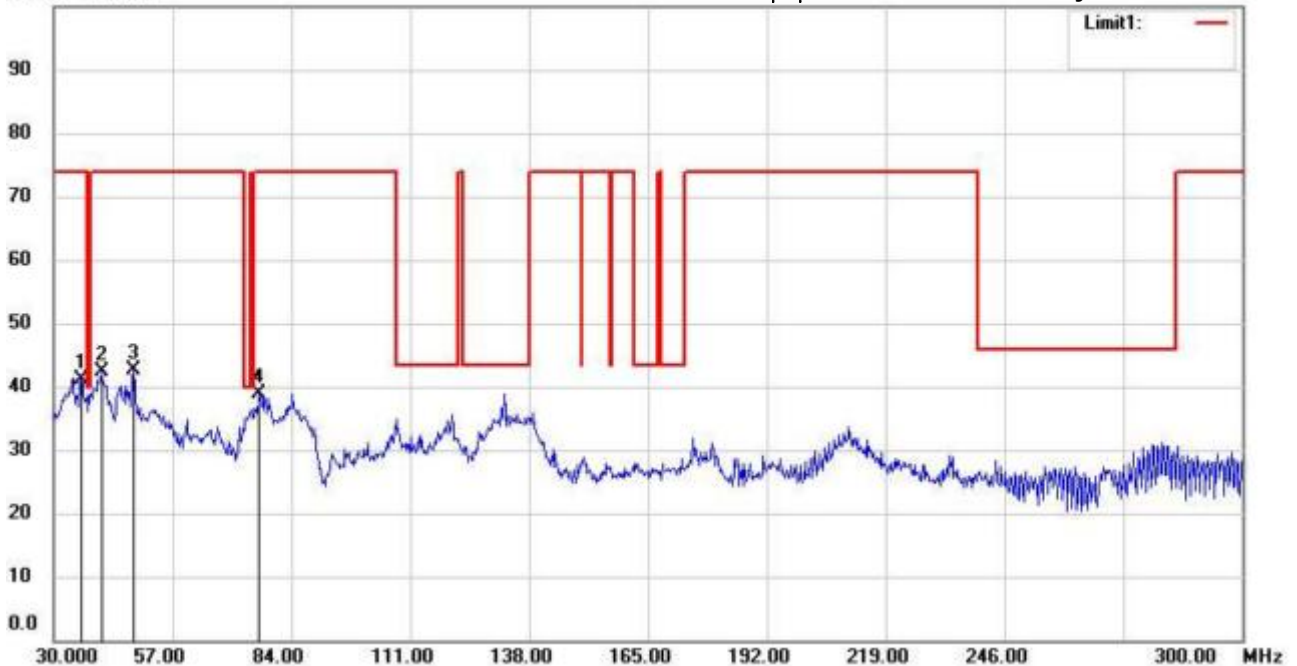
Date: 2026/1/21

Temperature: 24.1 °C

Time: 下午 10:59:15

Humidity: 46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 30-300

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Vertical**

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	36.2100	55.16	peak	-14.11	41.05	74.00	100	15	-32.95	
	40.8000	56.16	peak	-13.67	42.49	74.00	100	239	-31.51	
*	48.0900	55.51	peak	-12.90	42.61	74.00	100	353	-31.39	
	76.7100	55.55	peak	-16.62	38.93	74.00	100	90	-35.07	

*:Maximum data x:Over limit !:over margin



Radiated Emission Measurement

Operator: Gino

File :1

Data :#4

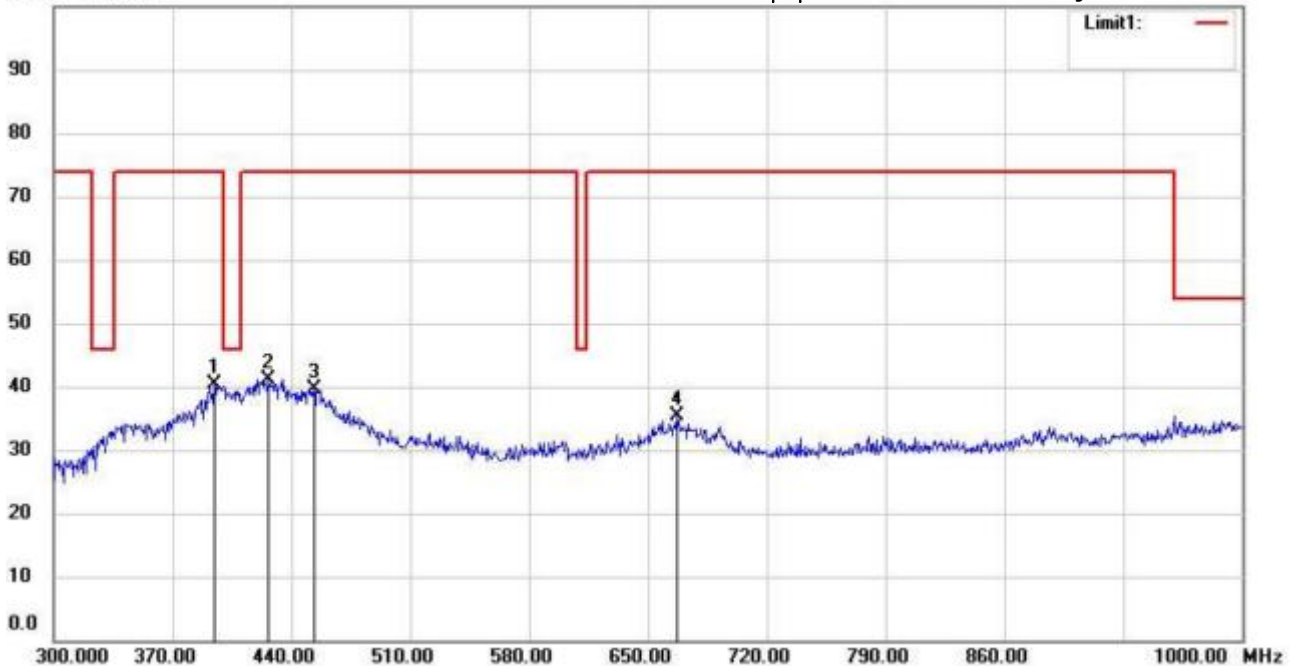
Date: 2026/1/21

Temperature:24.1 °C

Time: 下午 11:00:45

Humidity:46.6 %

100.0 dBuV/m



Site : 966A Chamber

Condition : FCC Restriction Band 300-1000

EUT : W6M22511-24833

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Vertical**

Power : 36 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	394.5000	50.08	peak	-9.73	40.35	74.00	100	158	-33.65	
*	426.7000	49.93	peak	-8.77	41.16	74.00	100	180	-32.84	
	453.3000	47.76	peak	-8.04	39.72	74.00	100	292	-34.28	
	666.8000	38.87	peak	-3.55	35.32	74.00	100	158	-38.68	