

47 CFR PART 15 SUBPART C TEST REPORT

for

Receiver Unit

Model No.: E02C

FCC ID: YWO-E02C

of

Applicant: ELECOM CO., LTD.

**Address: Fushimimachi 4-1-1, Chuo-ku, Osaka City, Osaka Japan
541-8765**

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.: W6M22603-25043-C-1



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Worldwide Testing Services(Taiwan) Co., Ltd.

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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:

April 08, 2026

Sky Liu

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

April 08, 2026

Kevin Wang

Date

WTS

Name

Signature



Worldwide Testing Services(Taiwan) Co., Ltd.

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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 number: ./.

Street: ./.

Town: ./.

Country: ./.



Registration number: W6M22603-25043-C-1

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1.3 Details of approval holder

Name: ELECOM CO., LTD.
Street: Fushimimachi 4-1-1, Chuo-ku,
City: Osaka City, Osaka
Country: Japan 541-8765

1.4 Application details

Date of receipt of test item (1st): August 28, 2025 (NCC)
Date of test (1st): from August 29, 2025 to September 08, 2025 (NCC)
Date of receipt of test item (2nd): March 27, 2026
Date of test (2nd): from March 30, 2026 to April 07, 2026

1.5 General information of Test item

Type of test item: Receiver Unit
Model number: E02C
Multi-listing model number: ./.
Brand name: ELECOM
Sample no.: #02

Technical data

Frequency band: 2400-2483.5 MHz
Operation frequency: 2403-2480 MHz
Operation modes: ./.
Modulation type: Duplex
Antenna type: PCB Antenna
Antenna gain: -0.71 dBi
Power supply: USB 5 Vd.c.

Manufacturer: (if different from applicant)

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

1.6 Test standards

47 CFR PART 15 SUBPART C § 15.249 (2024-10)
ANSI C63.10-2020+ Cor.1-2023+C63.10a-2024



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2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed. ☒

or

The deviations were ascertained in the course of the tests performed. ☐

2.2 Test environment

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Extreme conditions parameters: Not required

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission(CR) (Power Line Conducted Emission)	Expanded Uncertainty : AMN : 1.04 dB
Estimation Result of Uncertainty of Radiated Emission(3M-966A) (Peak Output Power (transmitter), Equivalent isotropic radiated power, RF Exposure Compliance Requirements, Out of Band Radiated Emissions, Spurious emission (tx), Radiated Emissions from Receiver Part)	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 Band Edge Measurement (Radiated Emission on the band edge)	Expanded Uncertainty : 0.63 dBc
Estimation Result of Uncertainty of Bandwidth Measurement (Occupied Bandwidth)	Expanded Uncertainty : 0.37 kHz

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



Worldwide Testing Services(Taiwan) Co., Ltd.

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2.3 Test Equipment List

966A

20dB Bandwidth&Bandedge&Power&Bandedge&Spurious Emission

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	2026/2/13	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	2026/3/26	2027/3/25
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+	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2025/7/31	2026/7/30
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2025/9/12	2026/9/11
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2025/9/12	2026/9/11
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2025/9/12	2026/9/11

AC Conducted Emission

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-CE 032	EMI Test Receiver	ESR3	102830	R&S	2025/5/5	2026/5/4
ETSTW-CE 035	AC Power Source	AFC-150	A2000386	All power	Function Test	
ETSTW-CE 034	Line-Impedance Stabilisation	NSLK8127	01087	SCHWARZBECK	2025/7/17	2026/7/16
ETSTW-Cable 092	BNC Cable (3m)	EMCCFD-300-BM-BM-3000	240108	EMCI	2026/1/8	2027/1/7
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	



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2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI C63.10-2020+ Cor.1-2023+C63.10a-2024 6.2 using a LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI C63.10-2020+ Cor.1-2023+C63.10a-2024 6.3 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBμV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

Freq (MHz) METER READING + ACF + CABLE LOSS (to the receiver) = FS
20 dBμV + 10.36 dB + 6 dB = 36.36 dBμV/m @3m

ANSI C63.10-2020+ Cor.1-2023+C63.10a-2024 6.2.2 MEASUREMENT PROCEDURES: The EUT was placed on a table 80 cm height and with dimensions of 1m by 1.5m (non metallic table). The EUT was placed in the centre of the table. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to 10th harmonic of the fundamental.

Peak readings were taken in three (3) orthogonal planes and the highest readings.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

ANSI C63.10-2020+ Cor.1-2023+C63.10a-2024 B.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software 'EZ EMC' was used for setting up different operation modes.



Worldwide Testing Services(Taiwan) Co., Ltd.

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3 Test results (enclosure)

Test case	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.249 (a)	☒	☒	☐
Spurious Emissions radiated – Transmitter operating	15.249 (e)	☒	☒	☐
Spurious Emissions conducted – Transmitter operating	15.249 (e)	☐	☐	☐
Radiated Emission from Receiver Part	15.109	☐	☐	☐
Out of Band Spurious Emission, Band edge-Transmitter operating	15.249 (d)(e) 15.35 (b)	☒	☒	☐
20 dB Bandwidth	15.215 (c)	☒	☒	☐
Power Line Conducted Emission	15.207	☒	☒	☐

The following is intentionally left blank.



Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

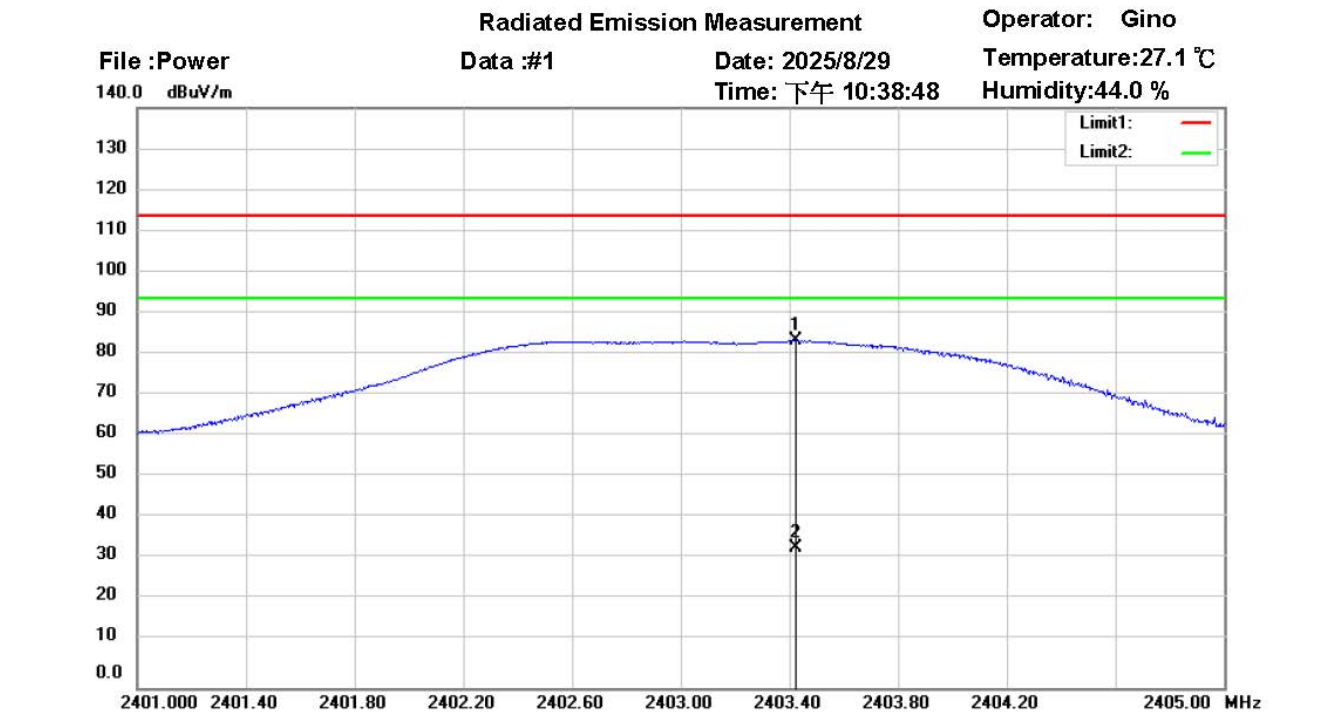
3.1 Peak Output Power (transmitter)

FCC Rule: 15.249 (a)

This measurement applies to equipment with an integral antenna and to equipment with an antenna connector and equipped with an antenna as declared by the applicant.

The power was measured with modulation (declared by the applicant).

2403 MHz



Site : 966A Chamber

Condition : FCC 15.249 power_PK

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
*	2403.424	87.13	peak	-3.43	83.70	114.00	150	165	-30.30	
	2403.424	37.36	AVG	-3.43	33.93	94.00	150	165	-60.07	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

Radiated Emission Measurement

Operator: Gino

File :Power

Data :#2

Date: 2025/8/29

Temperature:27.1 °C

140.0 dBuV/m

Time: 下午 10:42:09

Humidity:44.0 %



Site : 966A Chamber

Condition : FCC 15.249 power_PK

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

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
*	2403.416	86.37	peak	-3.43	82.94	114.00	150	205	-31.06	
	2403.416	37.26	AVG	-3.43	33.83	94.00	150	205	-60.17	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

2441 MHz

Radiated Emission Measurement

Operator: Gino

File :Power

Data :#1

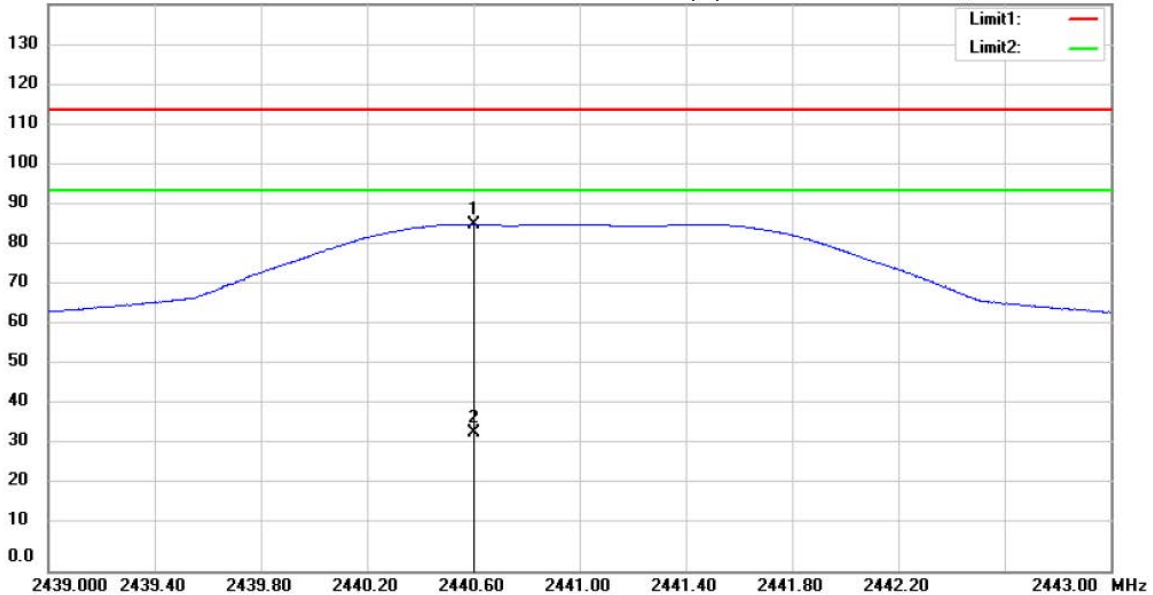
Date: 2025/8/29

Temperature:27.1 °C

140.0 dBuV/m

Time: 下午 11:06:15

Humidity:44.0 %



Site : 966A Chamber

Condition : FCC 15.249 power_PK

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
*	2440.600	89.21	peak	-3.52	85.69	114.00	155	162	-28.31	
	2440.600	37.61	AVG	-3.52	34.09	94.00	155	162	-59.91	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

Radiated Emission Measurement

Operator: Gino

Data :#2

Date: 2025/8/29

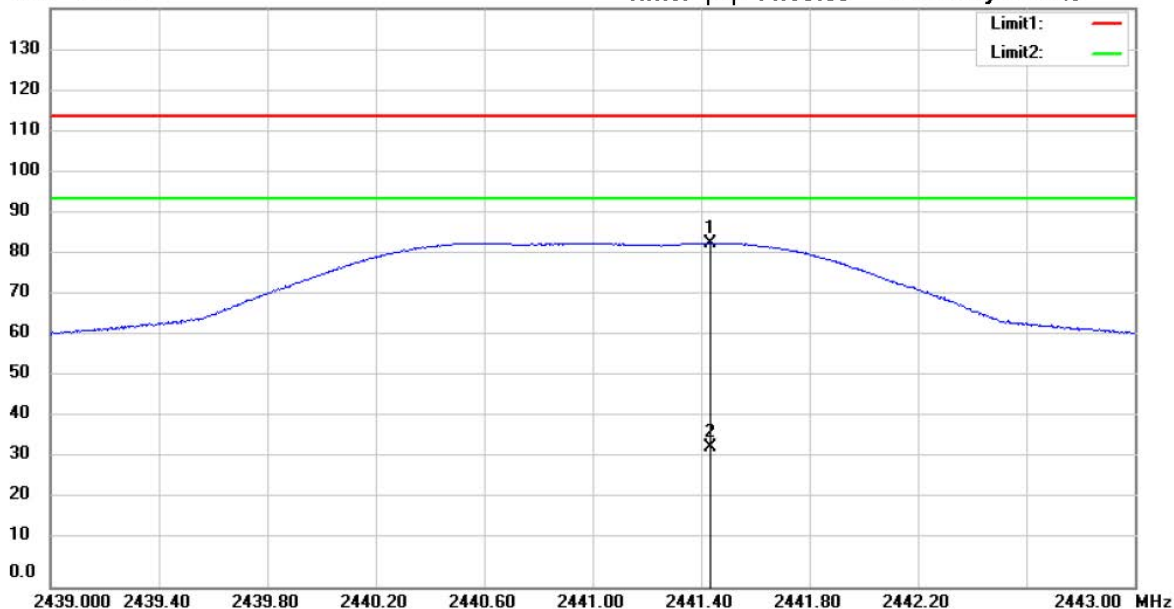
Temperature:27.1 °C

Time: 下午 11:09:35

Humidity:44.0 %

File :Power

140.0 dBuV/m



Site : 966A Chamber

Condition : FCC 15.249 power_PK

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

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
*	2441.436	86.79	peak	-3.52	83.27	114.00	150	210	-30.73	
	2441.436	37.19	AVG	-3.52	33.67	94.00	150	210	-60.33	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

2480 MHz

Radiated Emission Measurement

Operator: Gino

File :Power

Data :#1

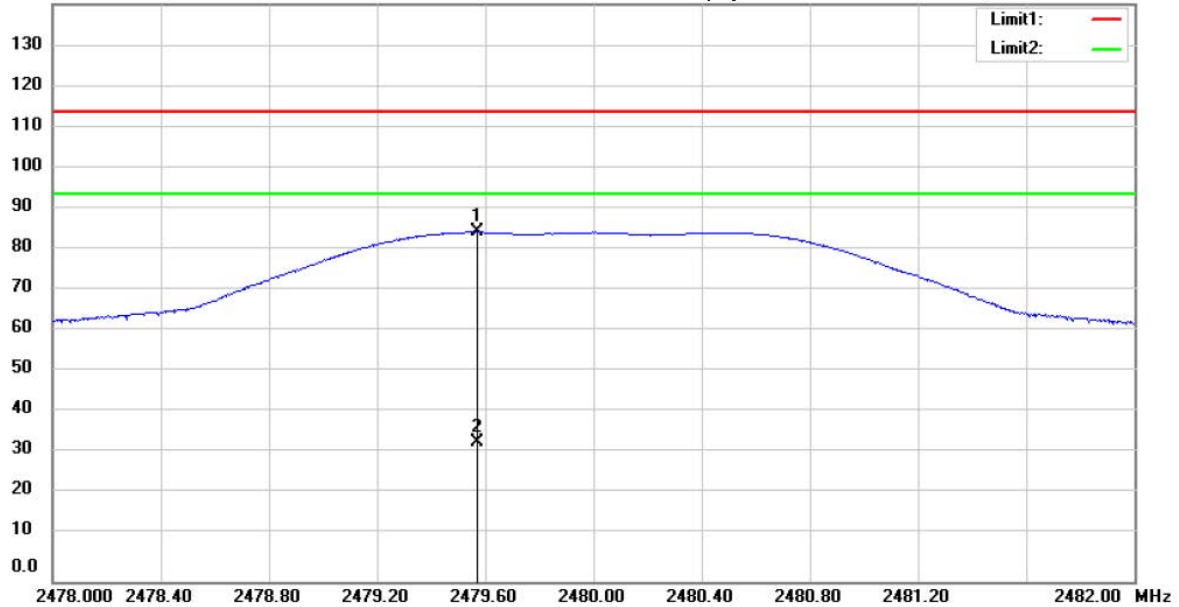
Date: 2025/8/29

Temperature:27.1 °C

140.0 dBuV/m

Time: 下午 11:19:40

Humidity:44.0 %



Site : 966A Chamber

Condition : FCC 15.249 power_PK

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
*	2479.568	88.34	peak	-3.61	84.73	114.00	150	162	-29.27	
	2479.568	37.32	AVG	-3.61	33.71	94.00	150	162	-60.29	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

Radiated Emission Measurement

Operator: Gino

File :Power

Data :#2

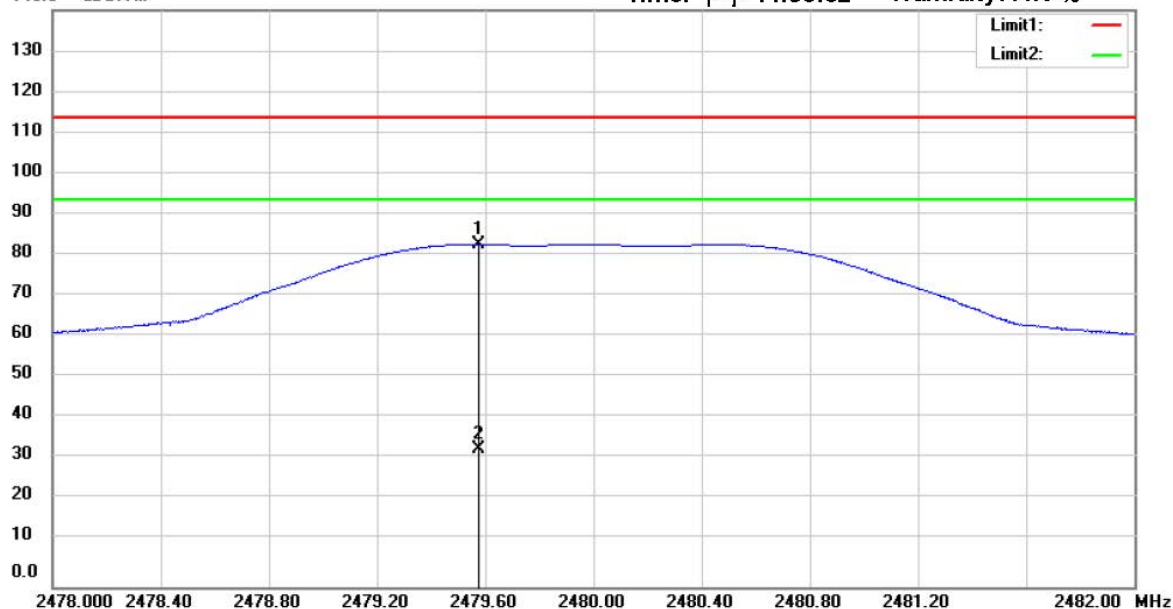
Date: 2025/8/29

Temperature:27.1 °C

140.0 dBuV/m

Time: 下午 11:30:02

Humidity:44.0 %



Site : 966A Chamber

Condition : FCC 15.249 power_PK

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

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
*	2479.576	86.85	peak	-3.61	83.24	114.00	150	208	-30.76	
	2479.576	37.01	AVG	-3.61	33.40	94.00	150	208	-60.60	



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3.2 Equivalent isotropic radiated power

Because using an permanent antenna there are no deviations from the radiated test results according 3.1.

3.3 RF Exposure Compliance Requirements

Not applicable for this EUT for the low power level.

3.4 Out of Band Radiated Emissions

FCC Rule: 15.249 (d)(e), 15.35 (b)

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

For frequency above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.

Limits:

Frequency of Emission (MHz)	Field strength (microvolts/meter)	Field Strength (dB microvolts/meter)
30 - 88	100	40.0
88 – 216	150	43.5
216 – 960	200	46.5
Above 960	500	54.0

For frequencies above 1 GHz (Peak measurements).

Limit + 20 dB $54.0 \text{ dB}\mu\text{V/m} + 20 \text{ dB} = 74\text{dB}\mu\text{V/m}$

Or

Must be attenuated at least 50dB below the level of fundament

Explanation: ./.



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3.5 Spurious emission (tx)

Spurious emission was measured with modulation (declared by manufacturer).

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

For frequencies above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth. Emissions more than 20 dB below the limit do not need to be reported.

SAMPLE CALCULATION OF LIMIT. ALL results will be updated by an automatic measuring system in accordance with point 2.3.

The peak and average spurious emission plots was measured with the average limits.
The critical peak value listed in the table agree with the above calculated limits.

Summary table with radiated data of the test plots

Note

- 1. Correction Factor = Antenna factor + Cable loss - Preamplifier**
- 2. The formula of measured value as: Test Result = Reading + Correction Factor**
- 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
- 4. All not in the table noted test results are more than 20 dB below the relevant limits.**
- 5. Up Line: PK Limit Line, Down Line: Ave Limit Line.**
- 6. Please see attached diagrams in appendix.**

TEST RESULT (Transmitter): The unit DOES meet the FCC requirements.



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3.6 Radiated Emissions from Receiver Part

FCC Rule: 15.109

Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency of Emission (MHz)	Field Strength (microvolts/meter)	Field Strength (dBmicrovolts/meter)
30 – 88	100	40.0
88 – 216	150	43.5
216 – 960	200	46.0
Above 960	500	54.0

Explanation: Please refer to separated test report no.: W6M22603-25043-P-15B.



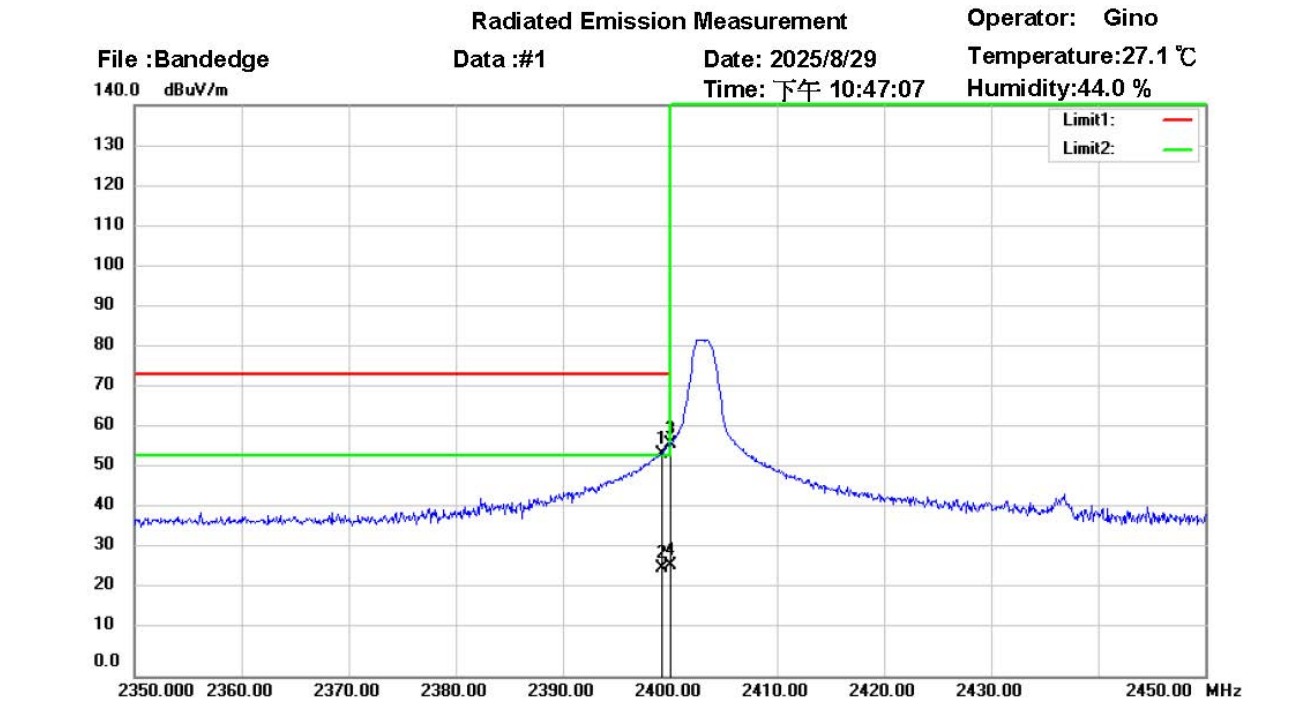
Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

3.7 Radiated Emission on the band edge

From the following plots, they show that the fundamental emissions are confined in the specified band and they are at least 50 dB below the carrier level at band edge. It meets the requirement of section 15.249(d).

2403 MHz



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
	2399.300	57.97	peak	-3.42	54.55	74.00	150	165	-19.45	
	2399.300	29.81	AVG	-3.42	26.39	54.00	150	165	-27.61	
*	2400.000	60.43	peak	-3.42	57.01	74.00	150	165	-16.99	
	2400.000	30.41	AVG	-3.42	26.99	54.00	150	165	-27.01	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

Radiated Emission Measurement

Operator: Gino

File :Bandedge

Data :#2

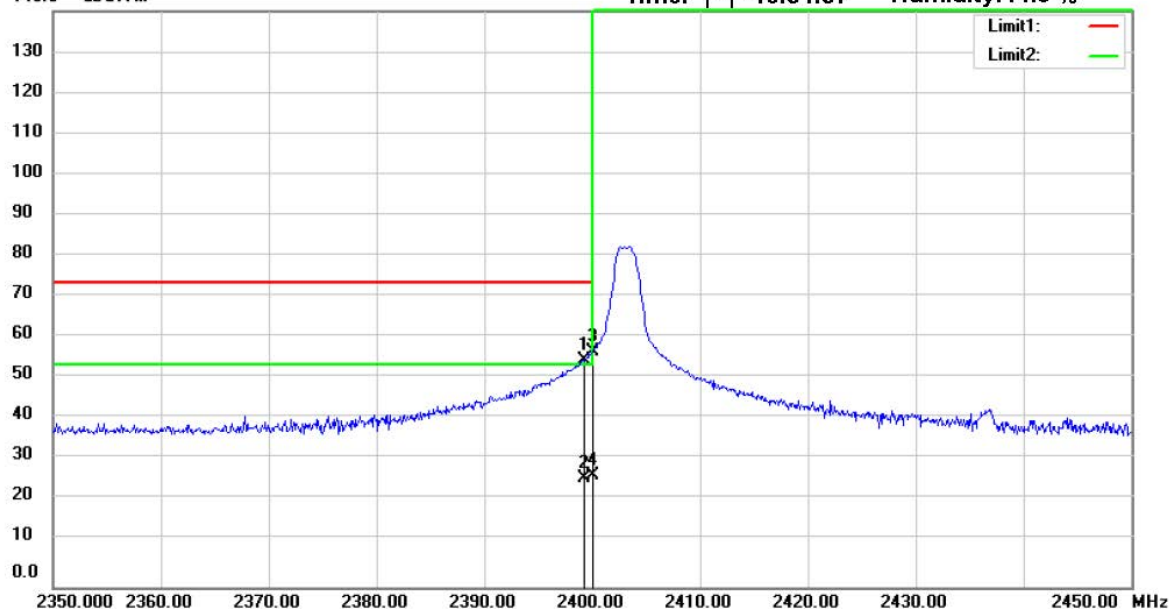
Date: 2025/8/29

Temperature:27.1 °C

140.0 dBuV/m

Time: 下午 10:51:37

Humidity:44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

Polarization: **Vertical**

EUT : W6M22603-25043

Power : 5 Vd.c.(USB)

M/N:

Distance: 3m

Test Mode : TX 2403MHz

Note :

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
	2399.200	58.59	peak	-3.42	55.17	74.00	150	205	-18.83	
	2399.200	29.79	AVG	-3.42	26.37	54.00	150	205	-27.63	
*	2400.000	60.59	peak	-3.42	57.17	74.00	150	205	-16.83	
	2400.000	30.45	AVG	-3.42	27.03	54.00	150	205	-26.97	



Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

3.8 20dB Bandwidth

The 20dB bandwidth is measured on the lowest, middle and highest hopping channel.

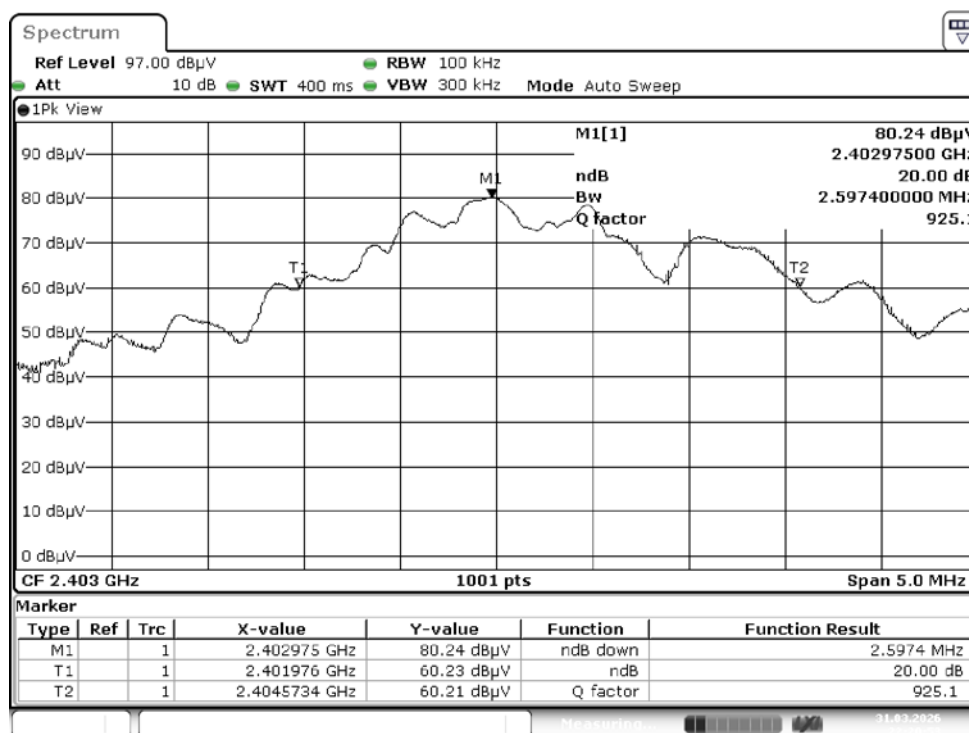
Test date: March 31, 2026

Temperature: 26.9 °C

Humidity: 53.2 %

Tester: Gino

2403 MHz



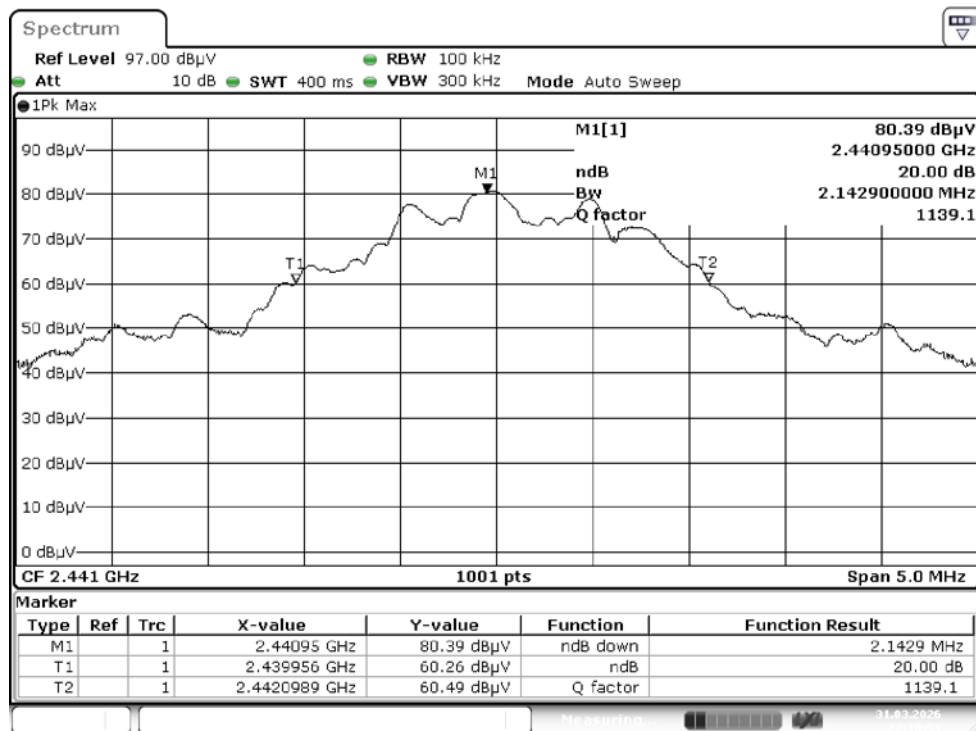


Worldwide Testing Services(Taiwan) Co., Ltd.

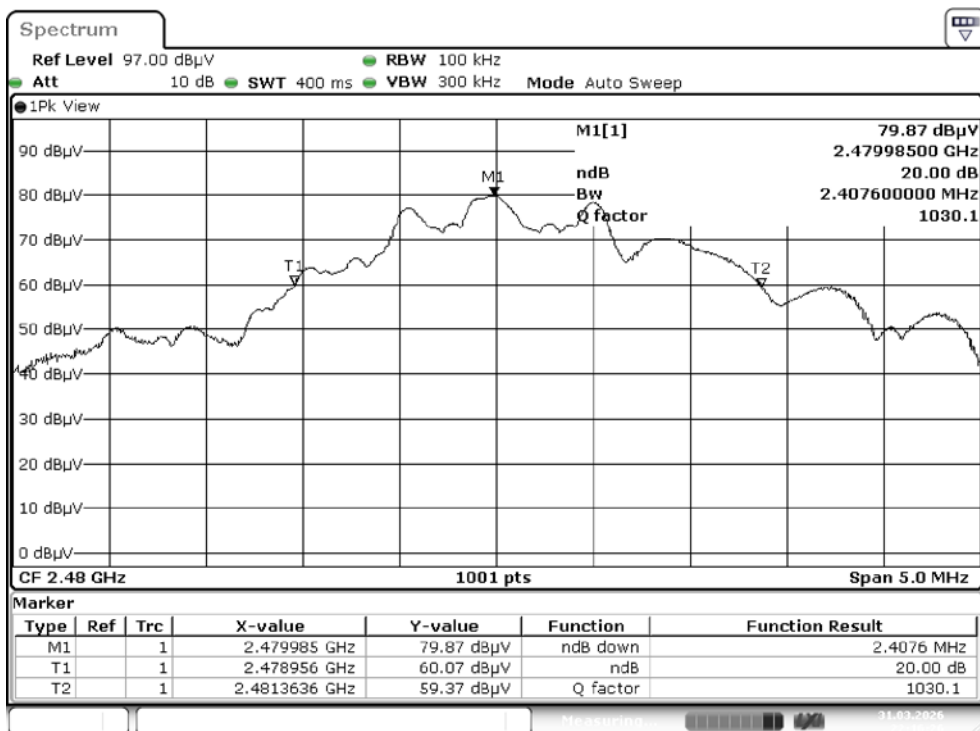
Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

2441 MHz



2480 MHz





Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

Limits:

Frequency Range / MHz	Limit
902-928	≤ 500 kHz
2400-2483.5	not defined
5725-5875	≤ 1 MHz



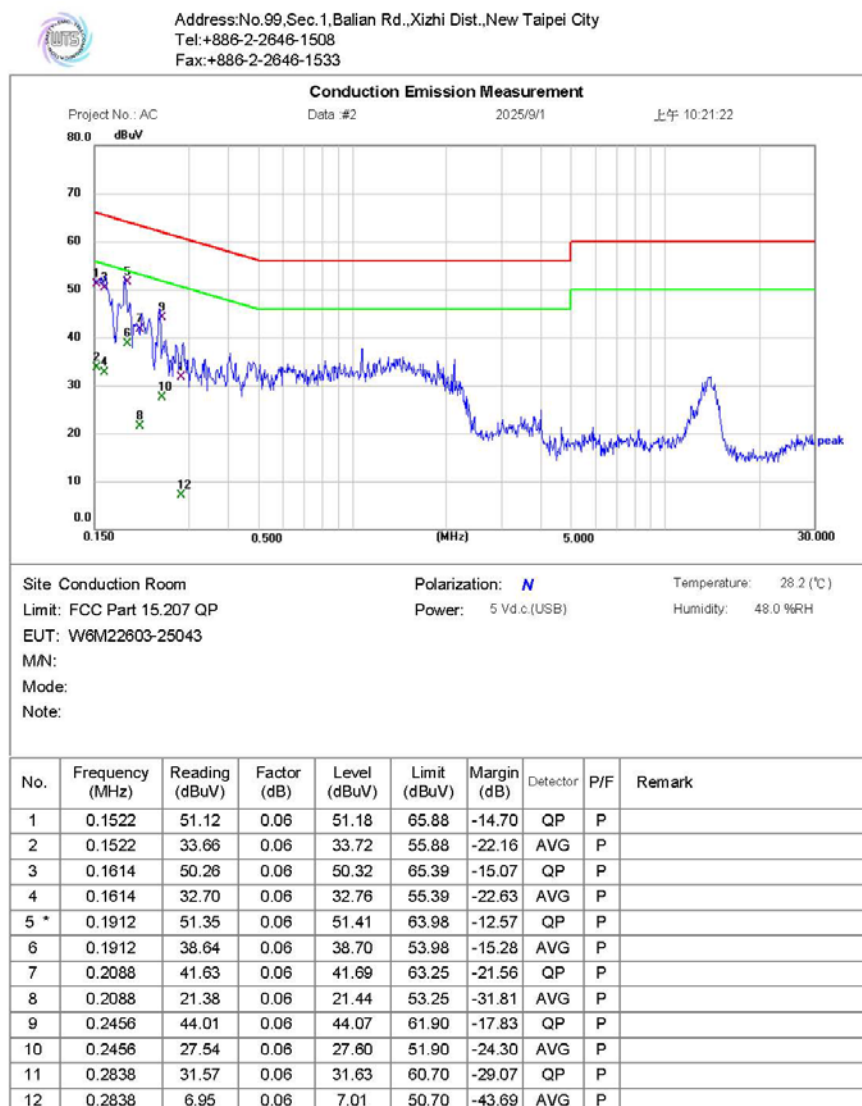
Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

3.9 Power Line Conducted Emission

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.

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.



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

Engineer Signature: Hung



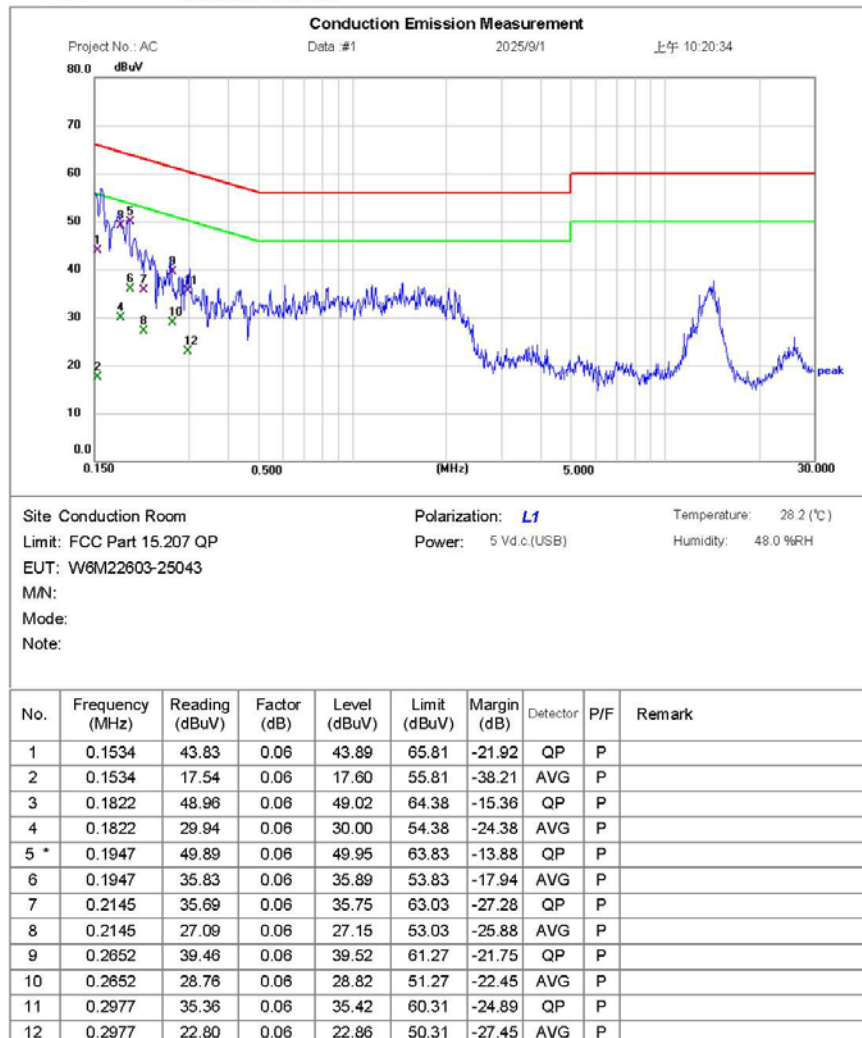
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C



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



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

Engineer Signature: Hung

- Note:
1. The formula of measured value as: Test Result = Reading + Correction Factor
 2. The Correction Factor = Cable Loss + LISN Insertion Loss
 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
 4. All not in the table noted test results are more than 20 dB below the relevant limits.
 5. Up Line: QP Limit Line, Down Line: Ave Limit Line.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

Limits:

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi Peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50



Registration number: W6M22603-25043-C-1

FCC ID: YWO-E02C

Appendix

Measurement diagrams

Spurious Emissions radiated



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_2

Data :#1

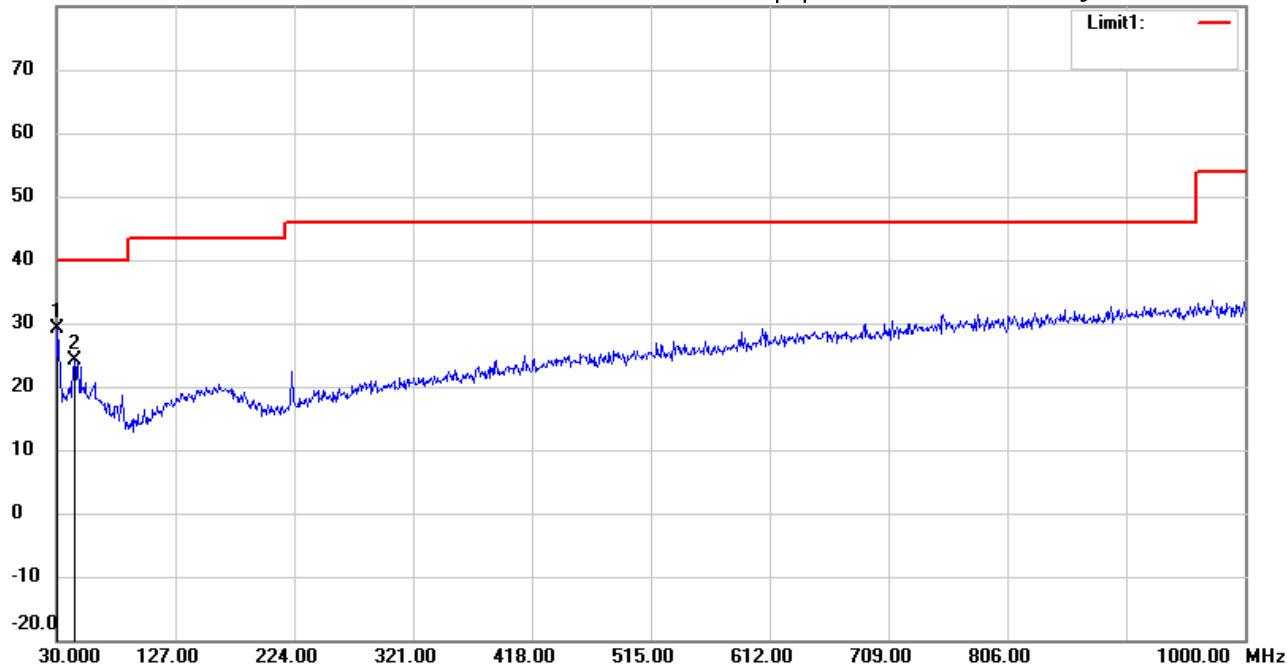
Date: 2025/8/29

Temperature:27.1 °C

80.0 dBuV/m

Time: 下午 11:46:09

Humidity:44.0 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
*	30.9700	43.86	peak	-14.61	29.25	40.00	100	86	-10.75	
	44.5500	37.41	peak	-13.27	24.14	40.00	100	114	-15.86	



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_2

Data : #2

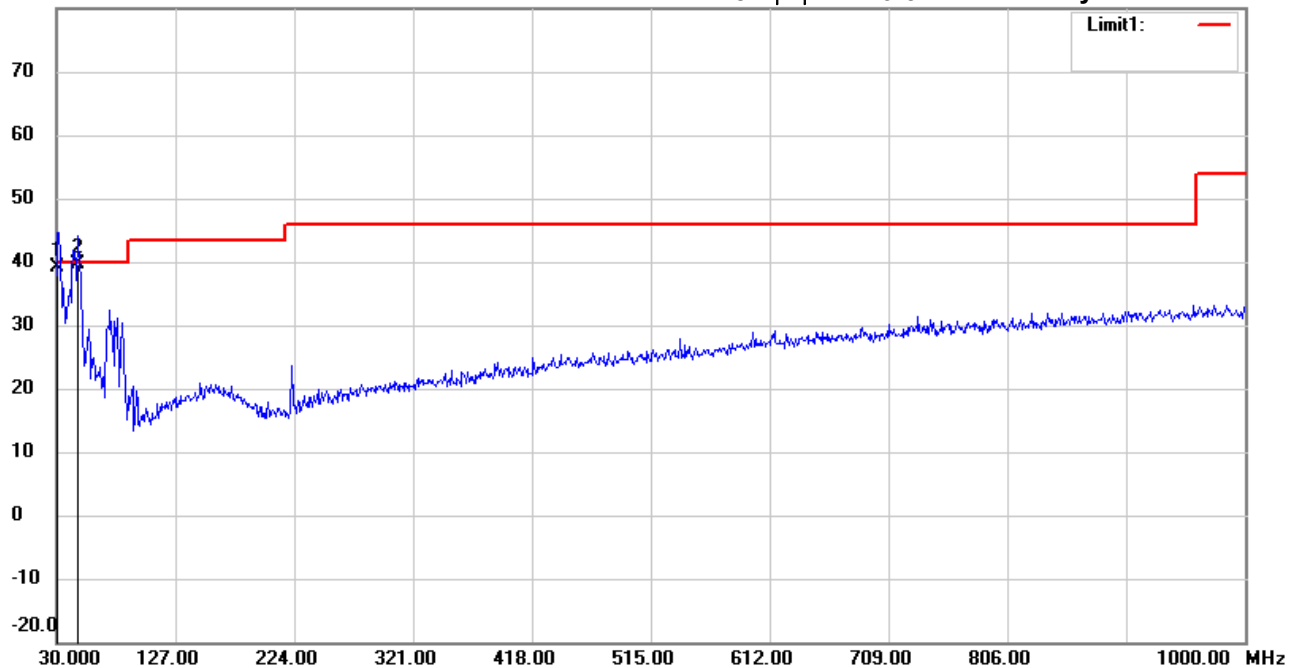
Date: 2025/8/29

Temperature: 27.1 °C

80.0 dBuV/m

Time: 下午 11:46:54

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
	30.9700	53.74	QP	-14.61	39.13	40.00	100	70	-0.87	
*	47.4600	52.56	QP	-12.97	39.59	40.00	100	87	-0.41	

*: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: Gino

File :3

Data :#1

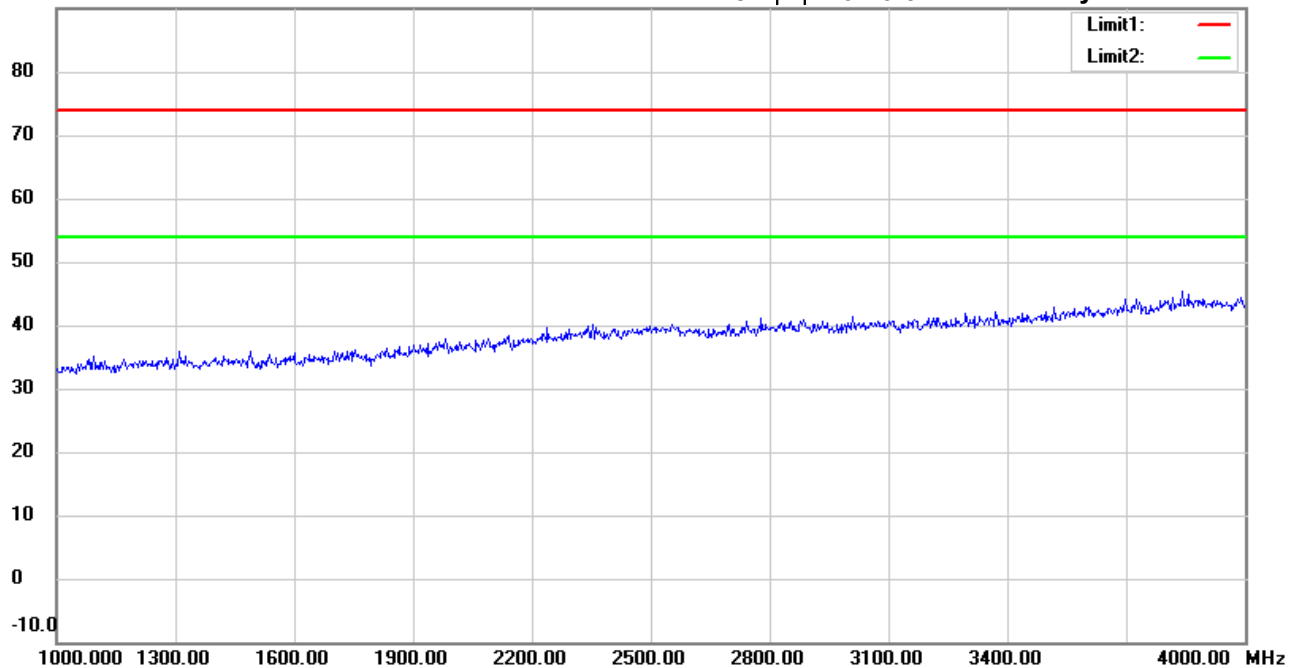
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:26:37

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File :3

Data :#6

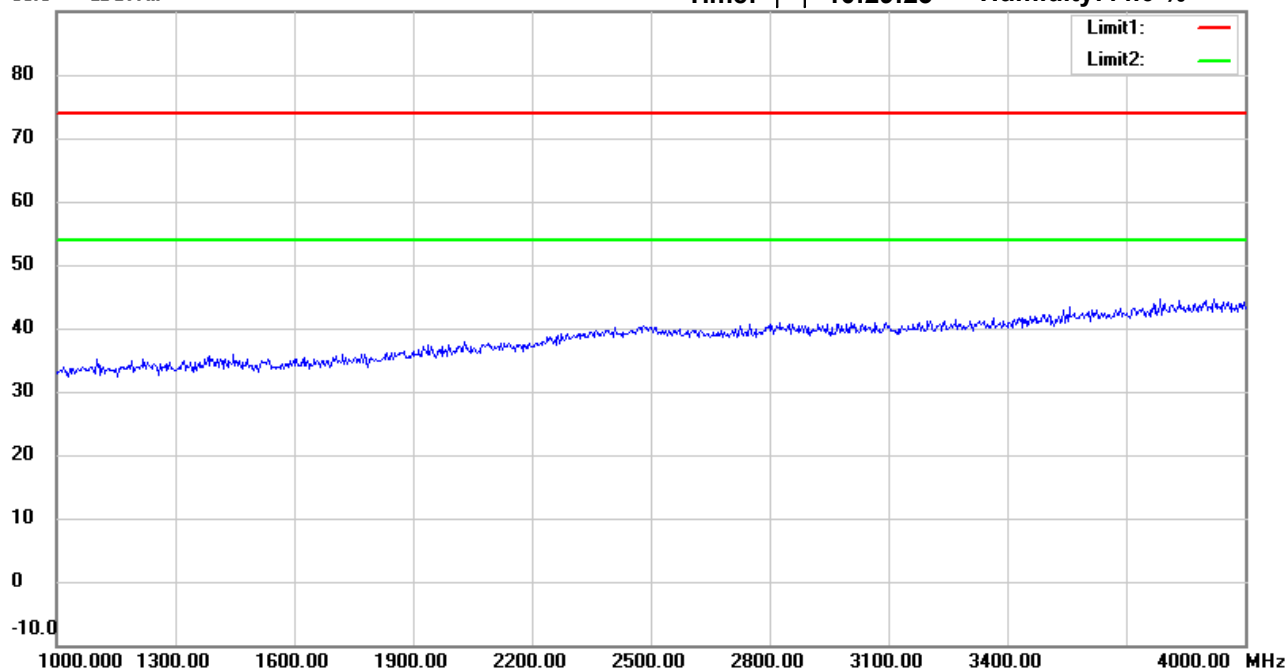
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:29:23

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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: Gino

File : 3

Data : #2

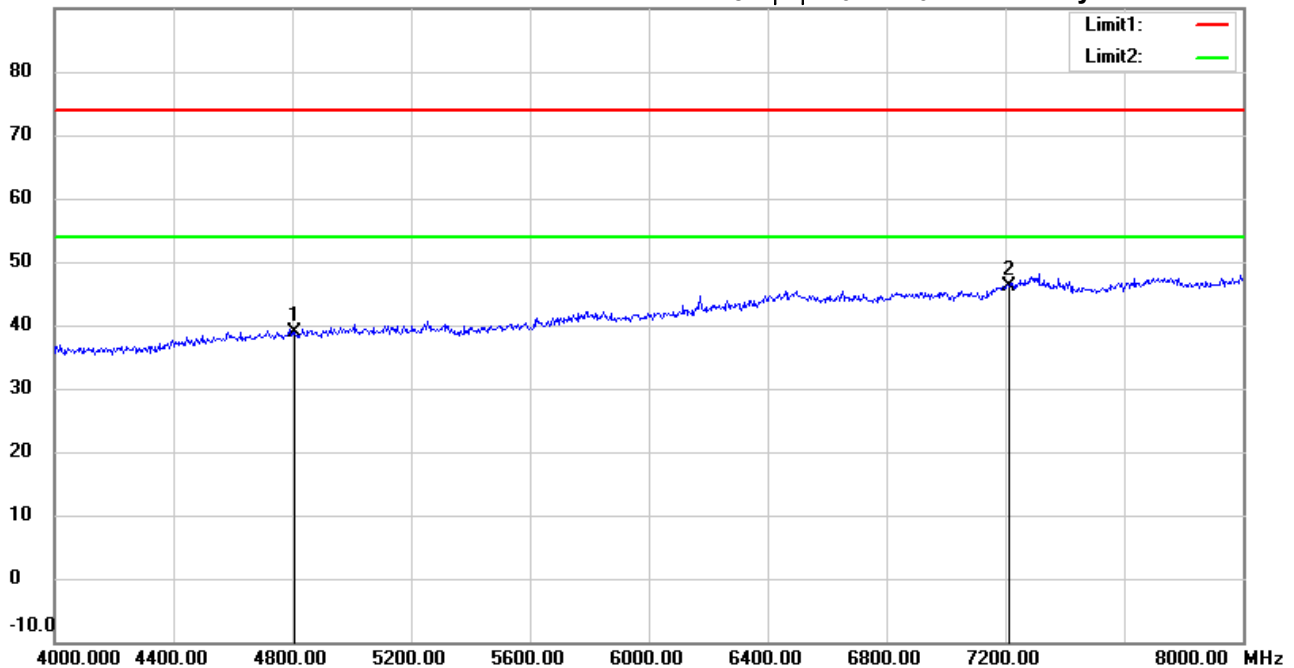
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:27:20

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: **Horizontal**

Power : 5 Vd.c.(USB)

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
	4806.000	33.04	peak	5.82	38.86	74.00	150	332	-35.14	
*	7209.000	33.37	peak	12.72	46.09	74.00	150	208	-27.91	

*: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: Gino

File : 3

Data : #7

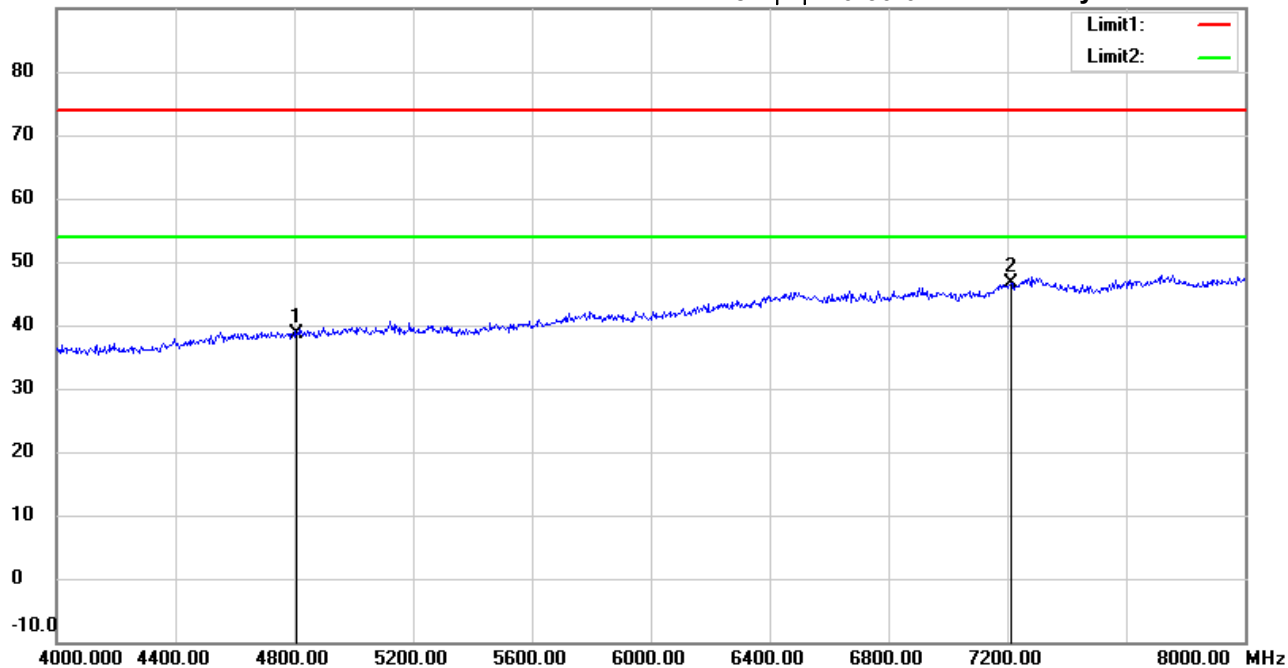
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:30:07

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

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
	4806.000	32.71	peak	5.82	38.53	74.00	150	1	-35.47	
*	7209.000	33.87	peak	12.72	46.59	74.00	150	299	-27.41	

*: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: Gino

File :3

Data :#3

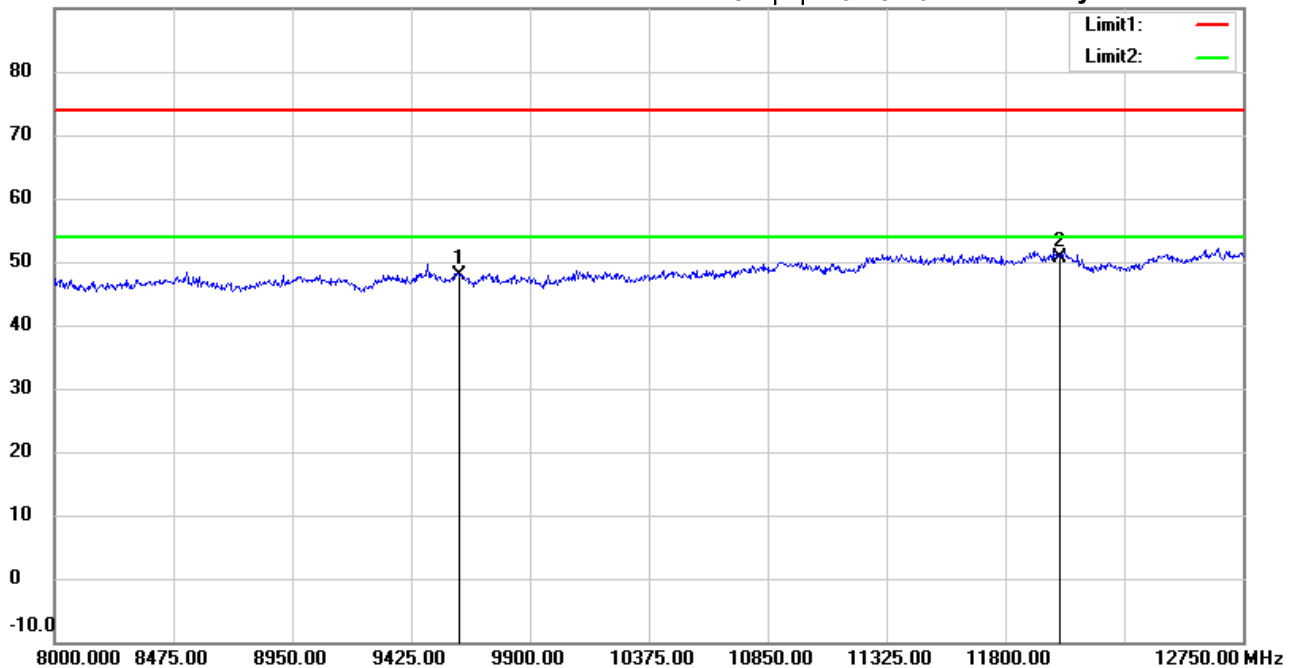
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:28:10

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
	9612.000	33.37	peak	14.40	47.77	74.00	150	209	-26.23	
*	12015.000	32.98	peak	17.72	50.70	74.00	150	340	-23.30	

*: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: Gino

File : 3

Data : #8

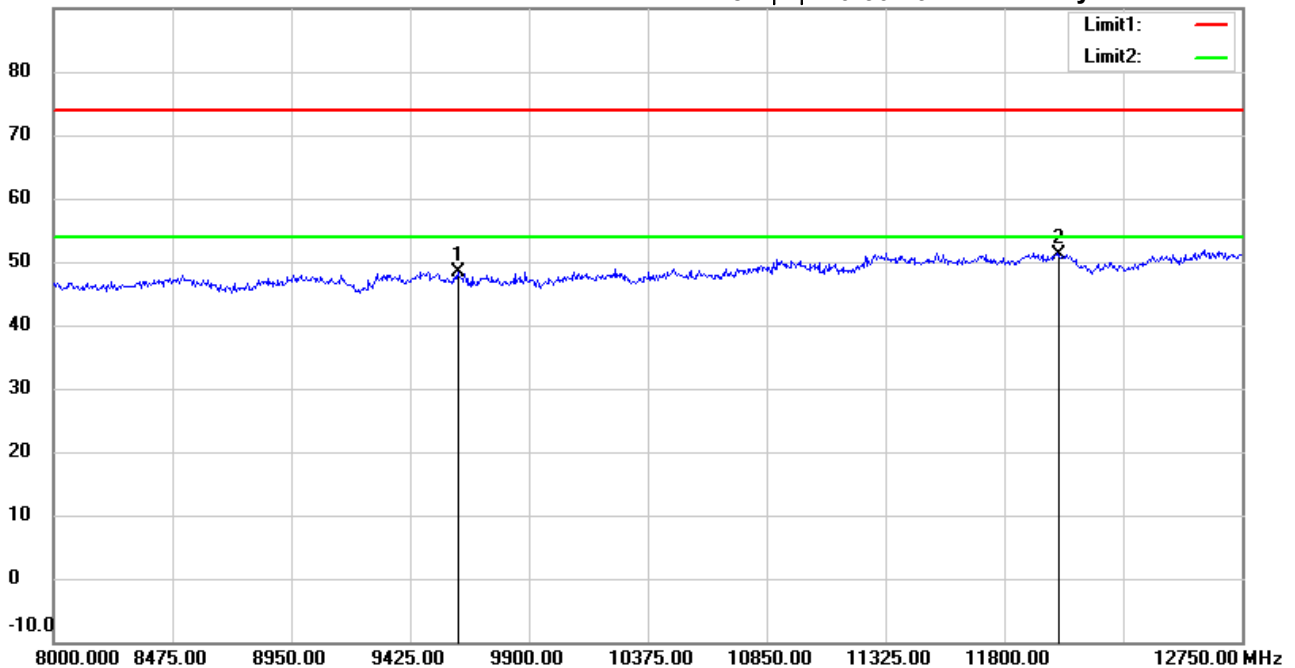
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:30:49

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
	9612.000	33.95	peak	14.40	48.35	74.00	150	359	-25.65	
*	12015.000	33.47	peak	17.72	51.19	74.00	150	57	-22.81	

*: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: Gino

File : 3

Data : #4

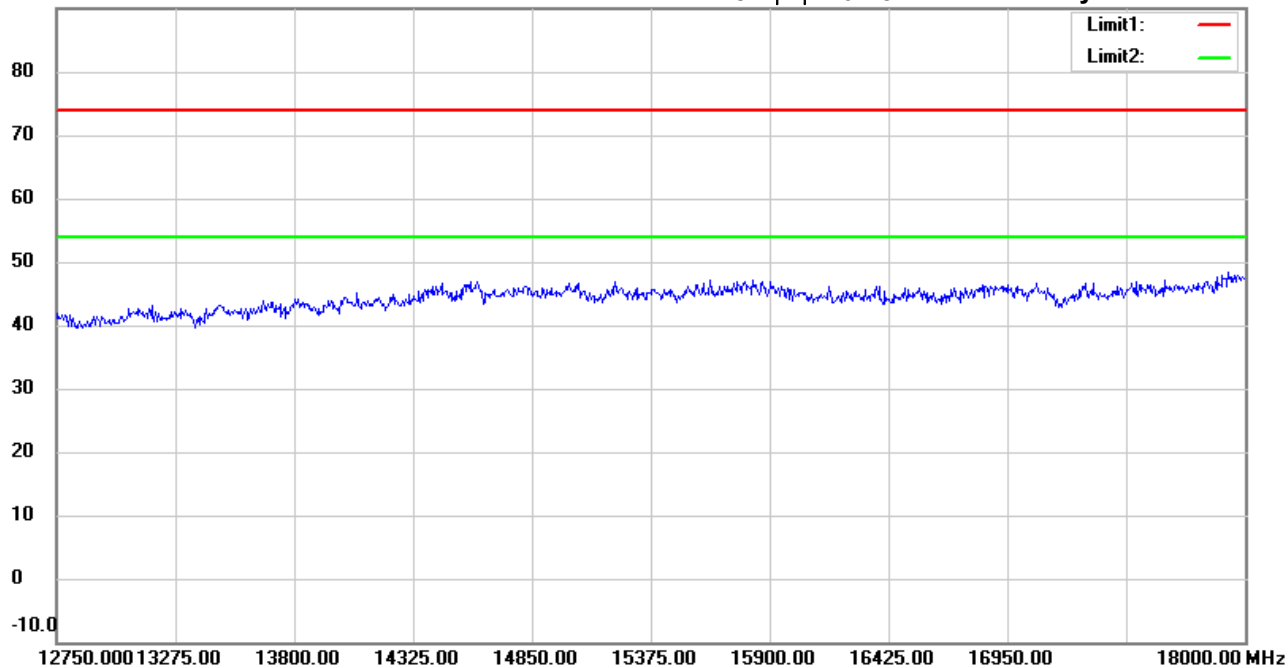
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:28:27

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: **Horizontal**

Power : 5 Vd.c.(USB)

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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: Gino

File : 3

Data : #9

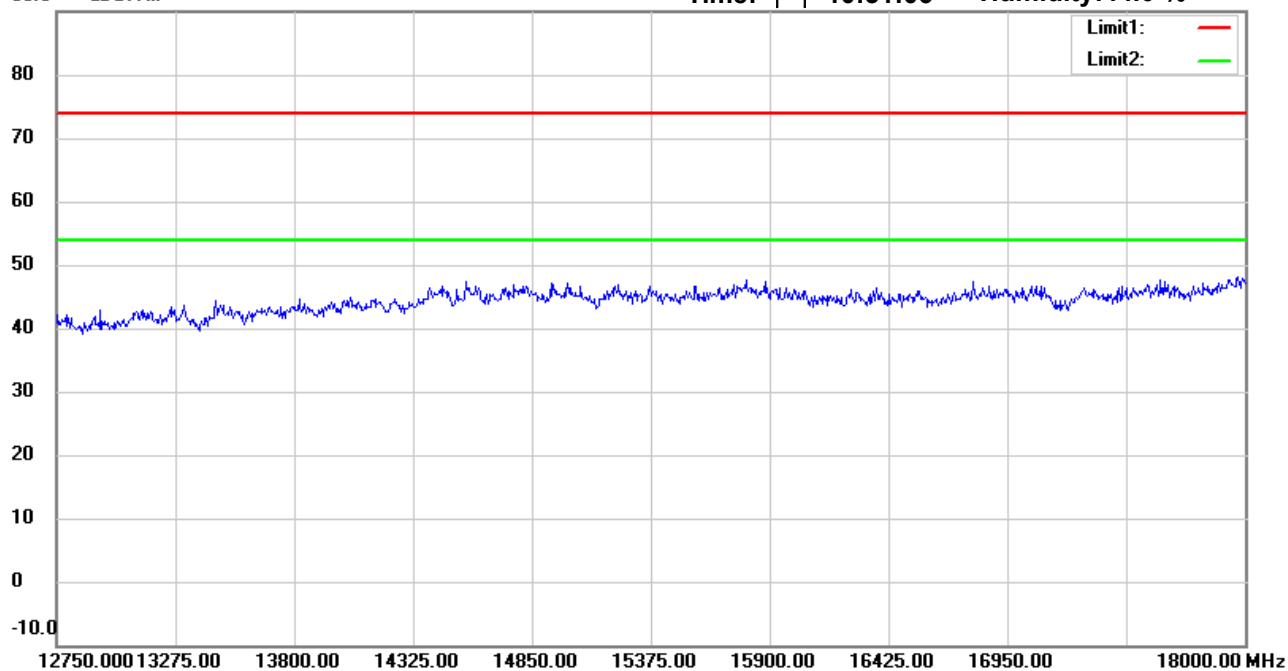
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:31:06

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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: Gino

File :3

Data :#5

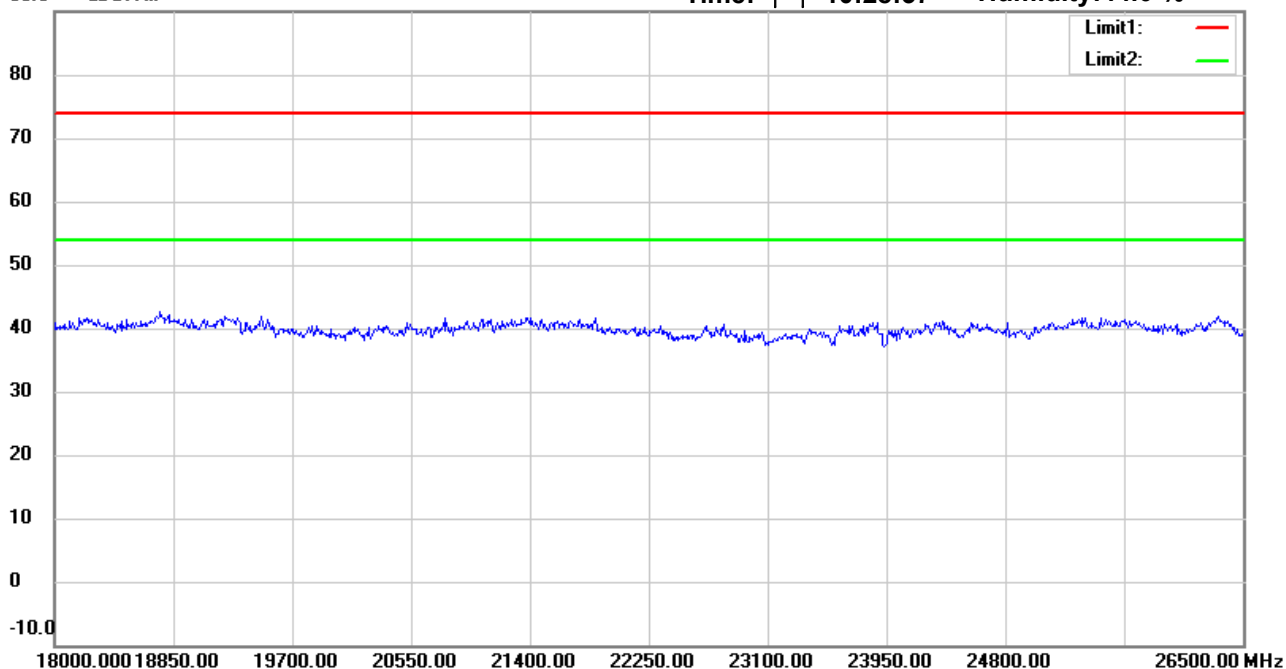
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:28:37

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: Horizontal

Power : 5 Vd.c.(USB)

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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: Gino

File :3

Data :#10

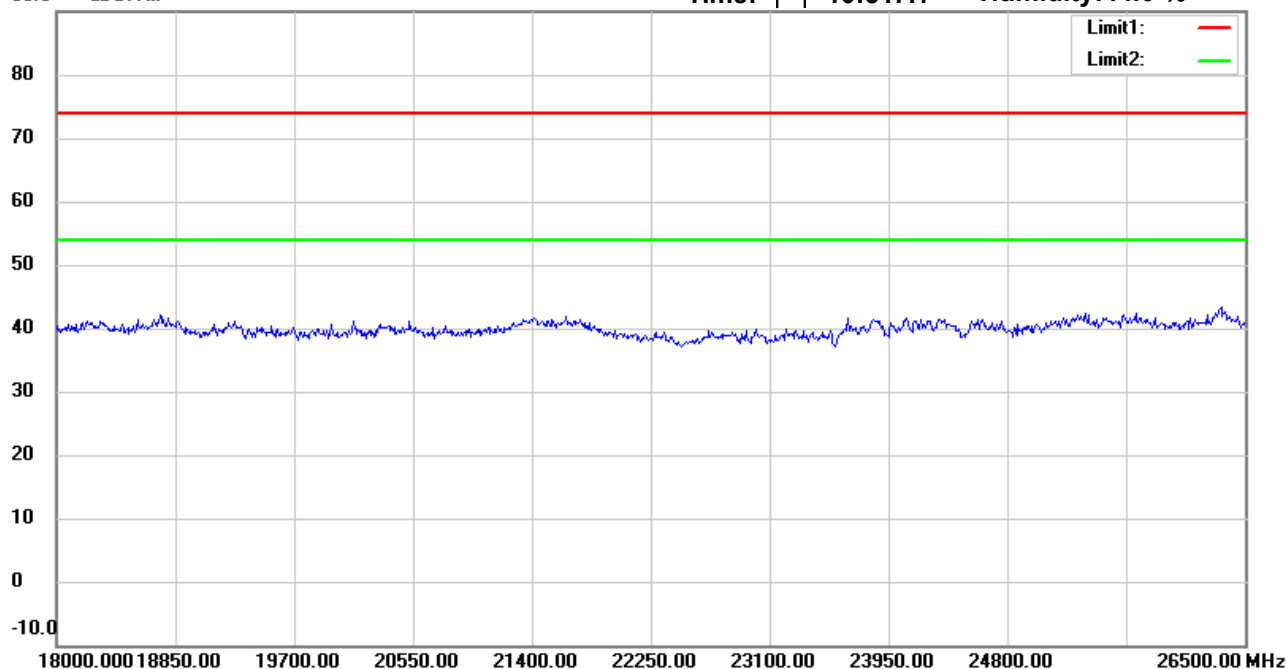
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:31:17

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2403MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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: Gino

File :3

Data :#1

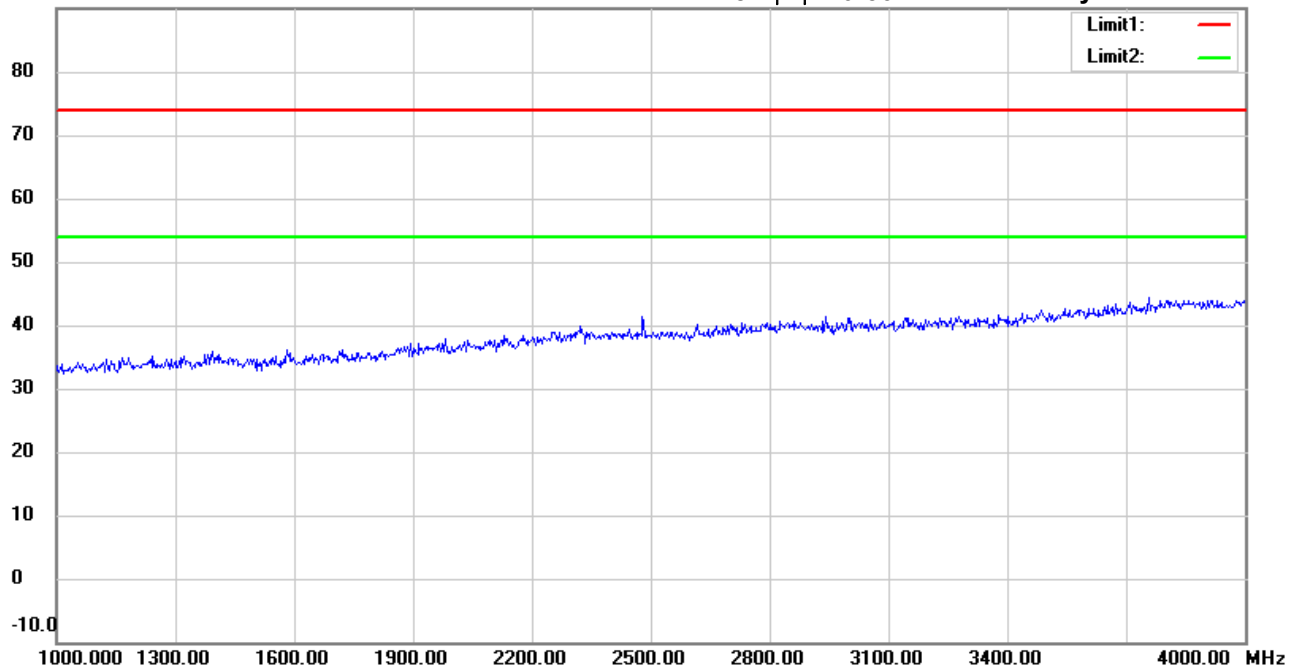
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:56:22

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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: Gino

File : 3

Data : #6

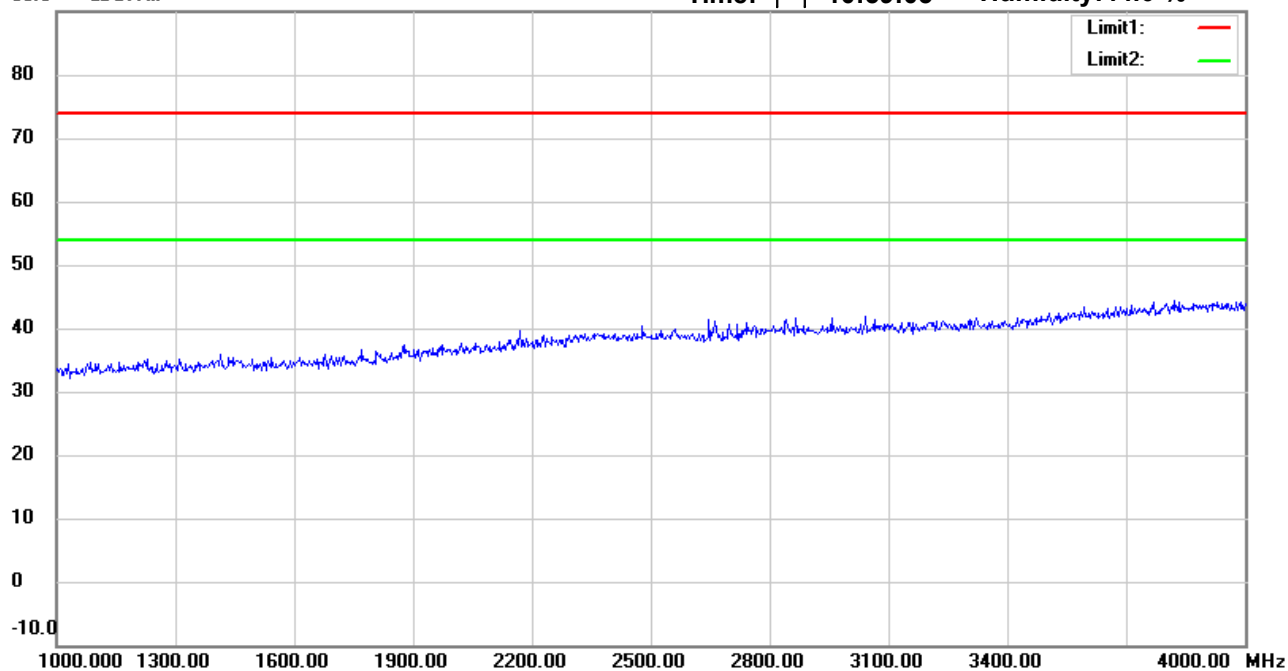
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:59:05

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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: Gino

File :3

Data :#2

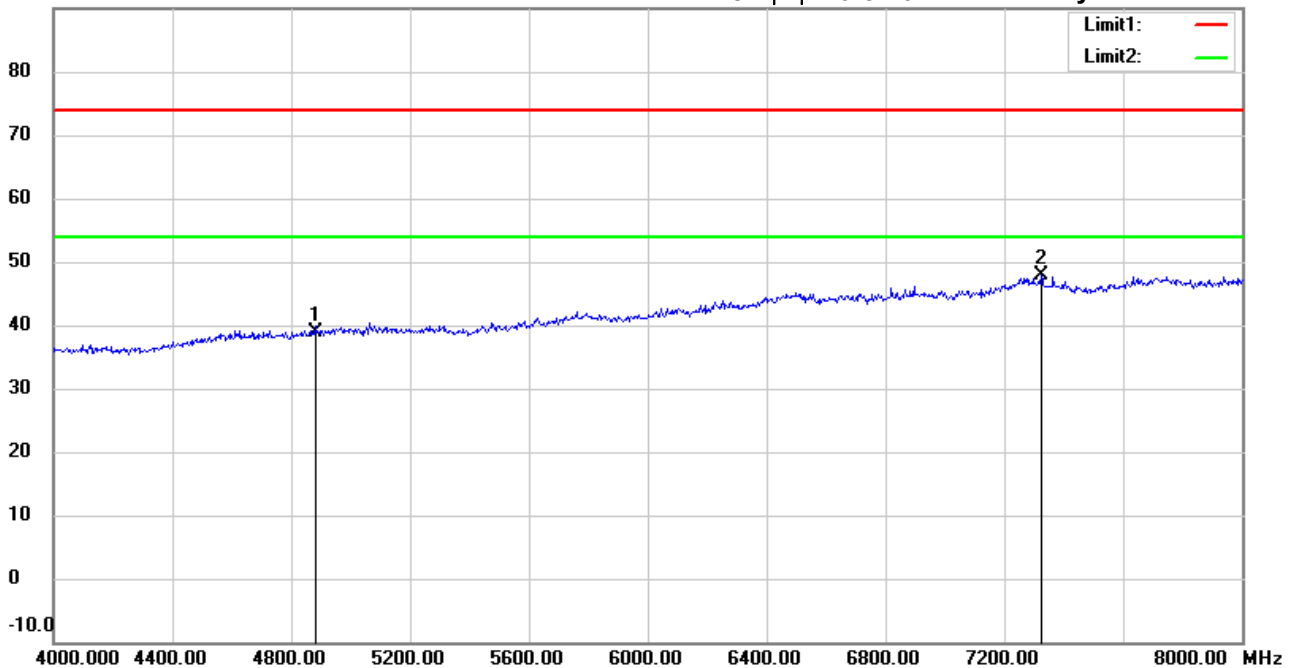
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:57:04

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
	4882.000	32.93	peak	6.05	38.98	74.00	150	7	-35.02	
*	7323.000	34.57	peak	13.37	47.94	74.00	150	143	-26.06	

*: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: Gino

File : 3

Data : #7

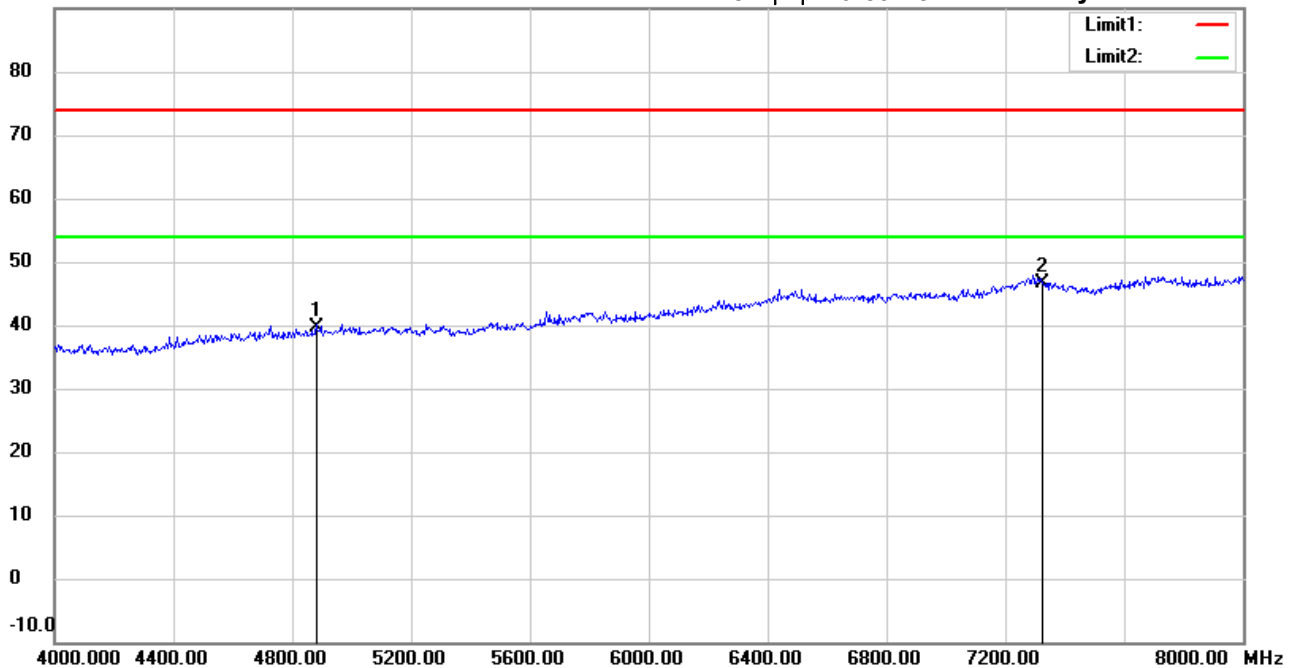
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:59:48

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
	4882.000	33.53	peak	6.05	39.58	74.00	150	57	-34.42	
*	7323.000	33.27	peak	13.37	46.64	74.00	150	108	-27.36	

*: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: Gino

File : 3

Data : #3

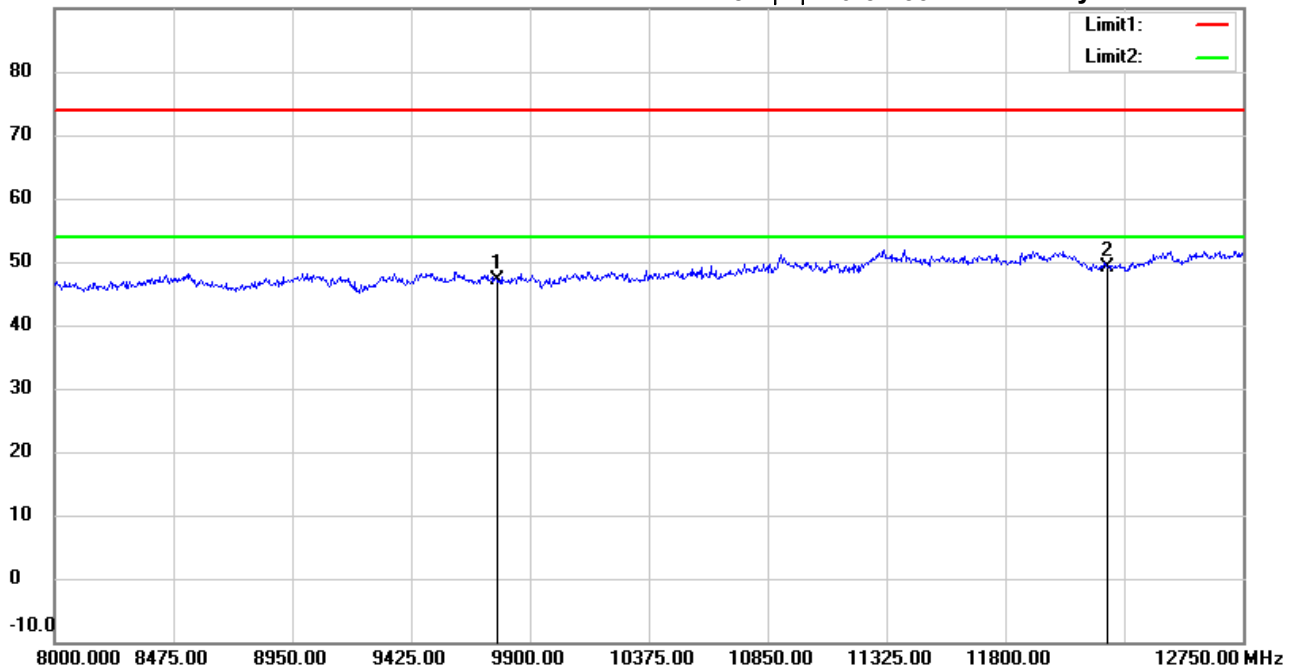
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:57:53

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
	9764.000	32.50	peak	14.75	47.25	74.00	150	360	-26.75	
*	12205.000	32.79	peak	16.37	49.16	74.00	150	74	-24.84	

*: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: Gino

File : 3

Data : #8

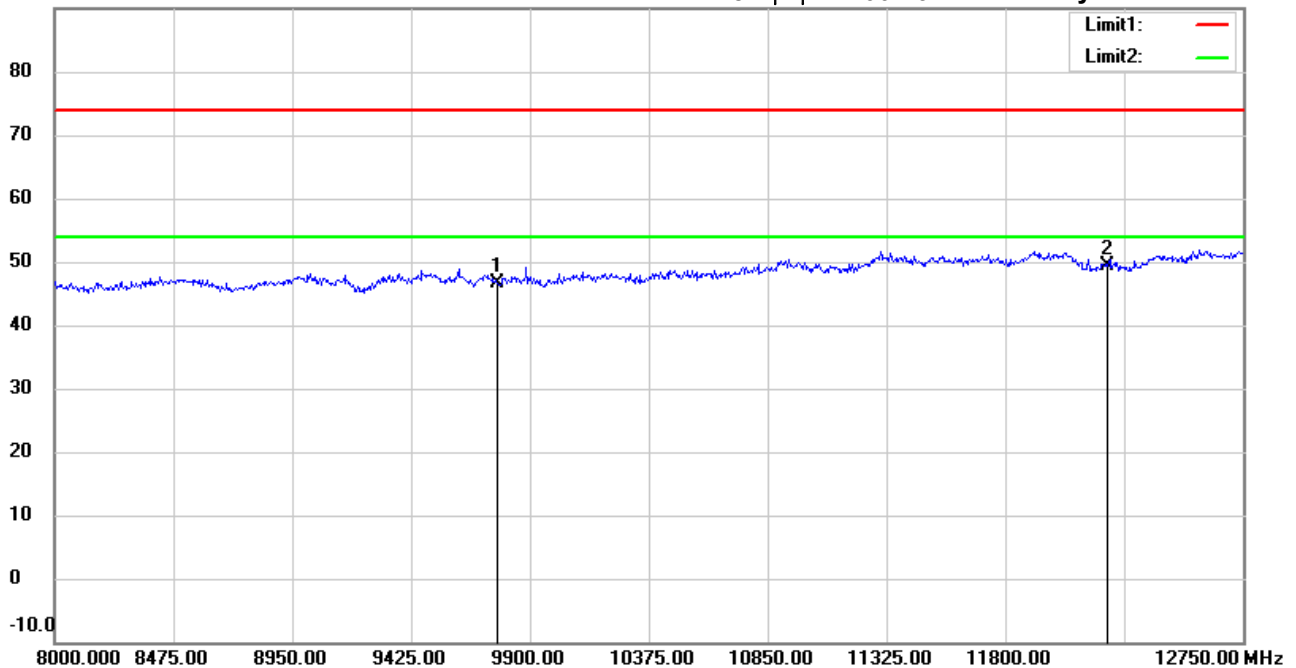
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:00:29

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
	9764.000	31.92	peak	14.75	46.67	74.00	150	115	-27.33	
*	12205.000	33.06	peak	16.37	49.43	74.00	150	359	-24.57	

*: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: Gino

File :3

Data :#4

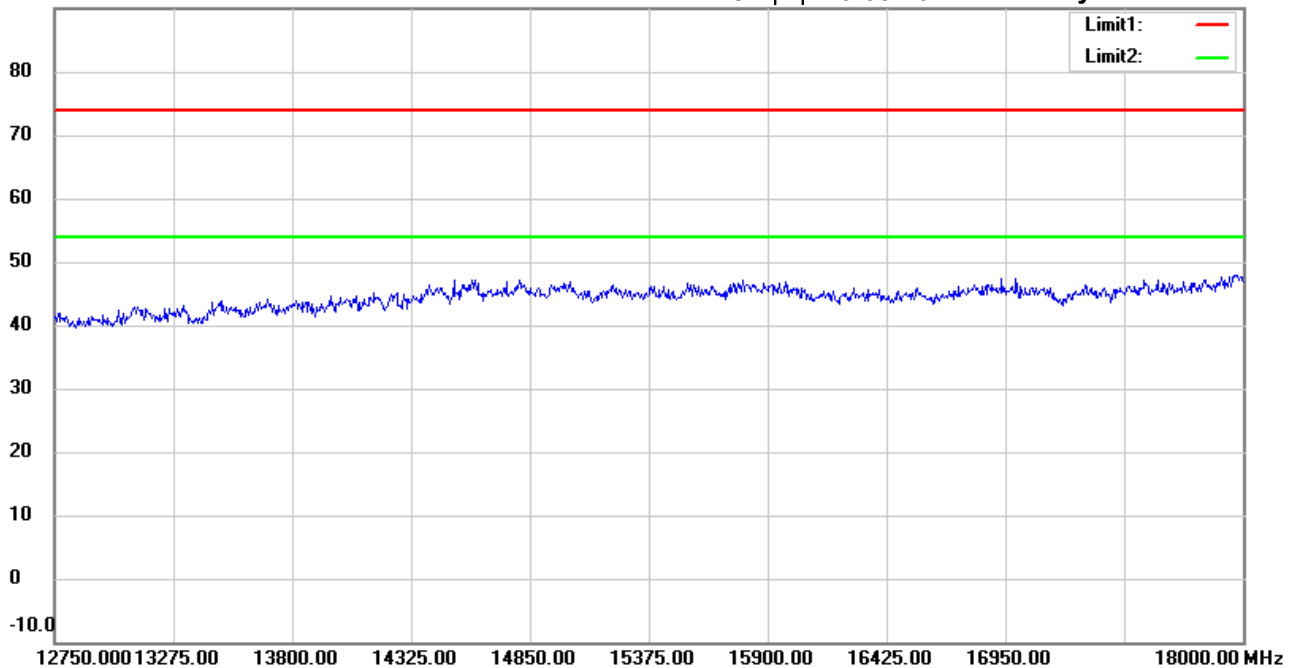
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 10:58:10

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Horizontal

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File : 3

Data : #9

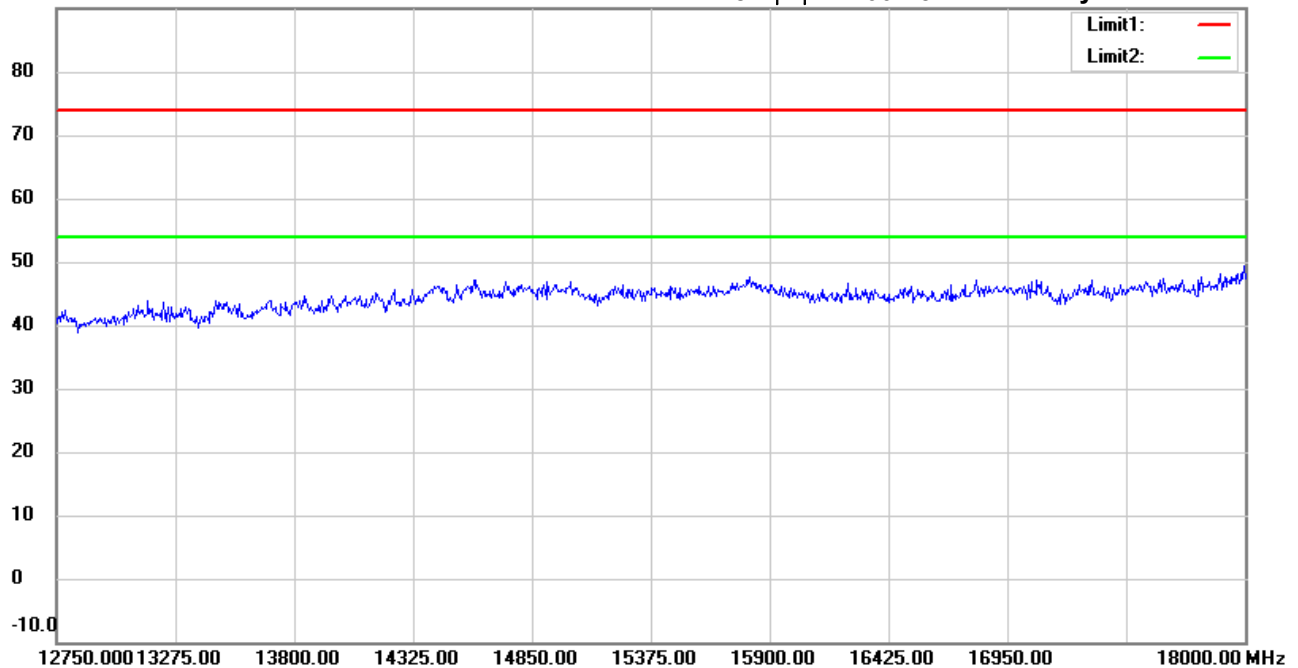
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:00:45

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File :3

Data :#5

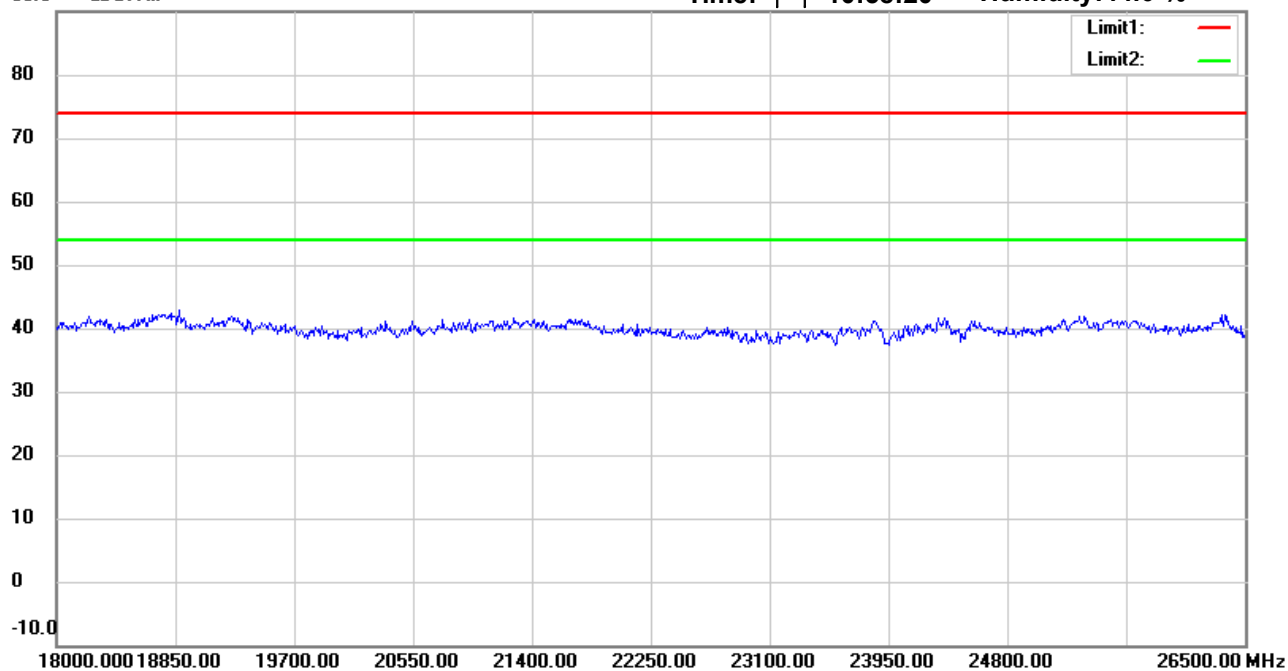
Date: 2025/8/29

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 10:58:20

Humidity:44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Horizontal

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File :3

Data :#10

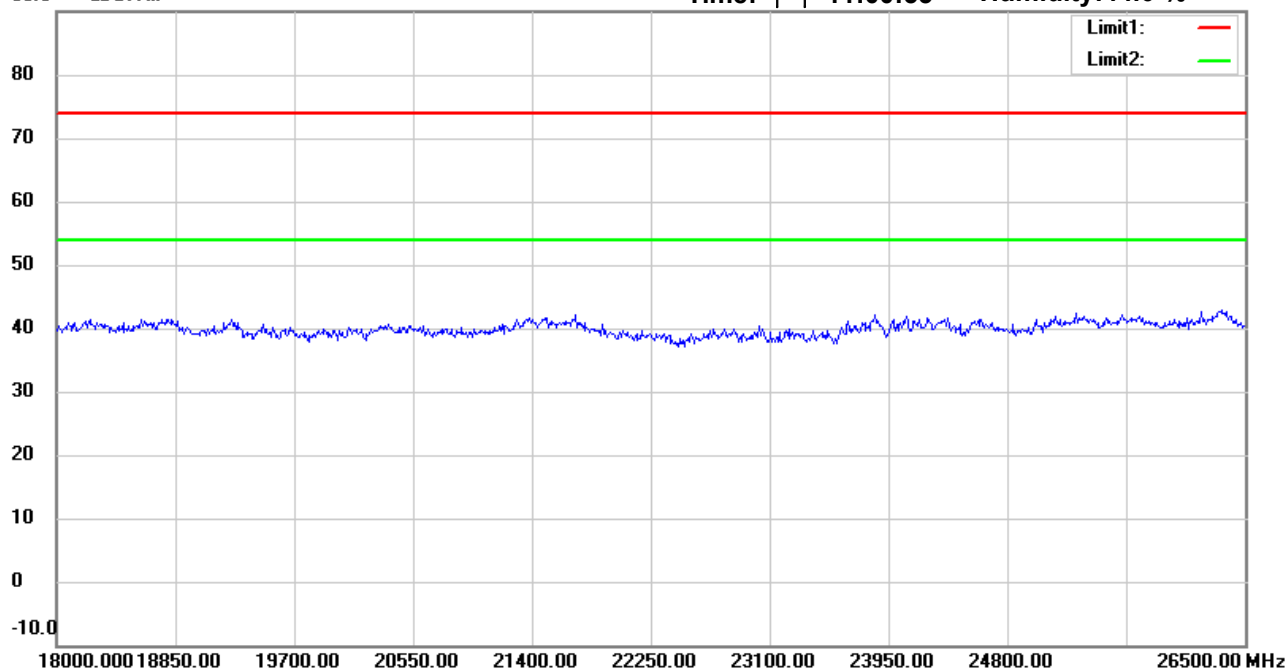
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:00:55

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File :3

Data :#1

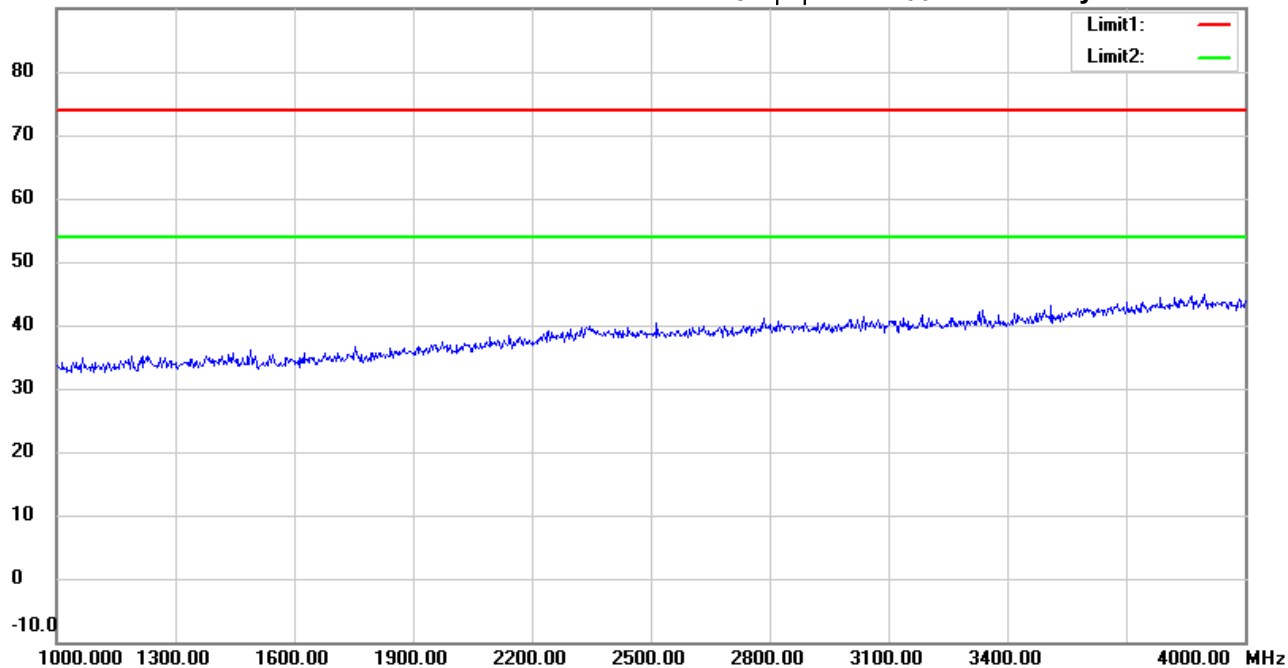
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:12:00

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File : 3

Data : #6

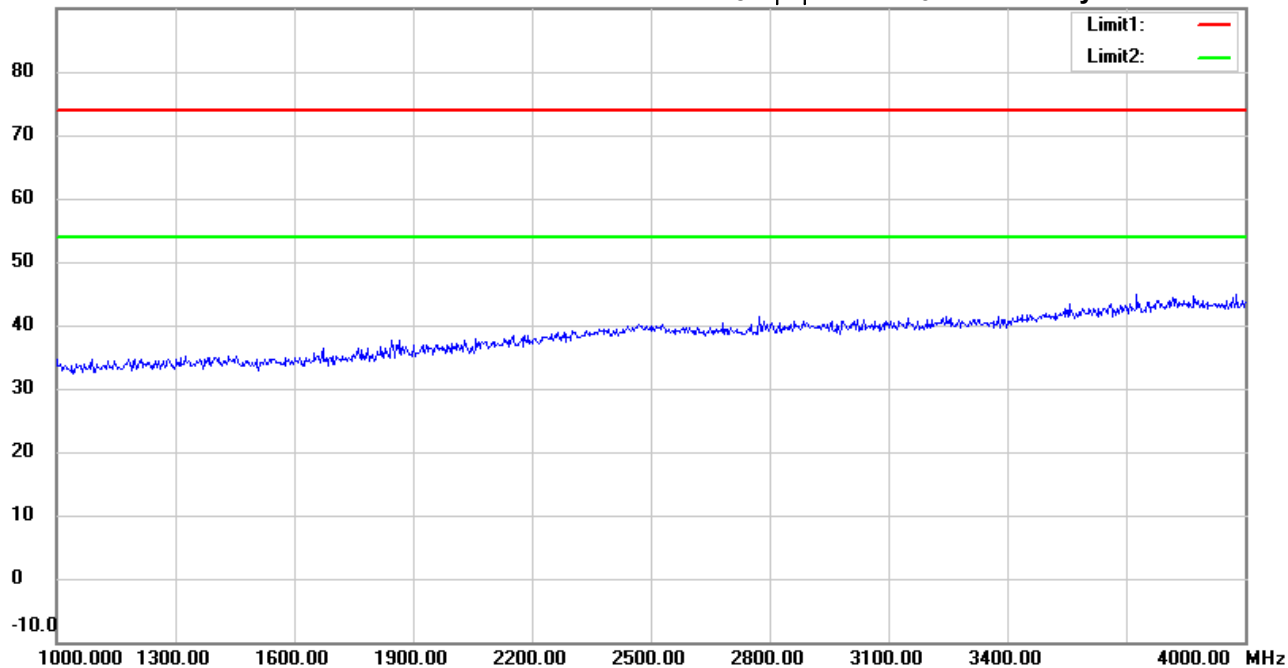
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:14:43

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File :3

Data :#2

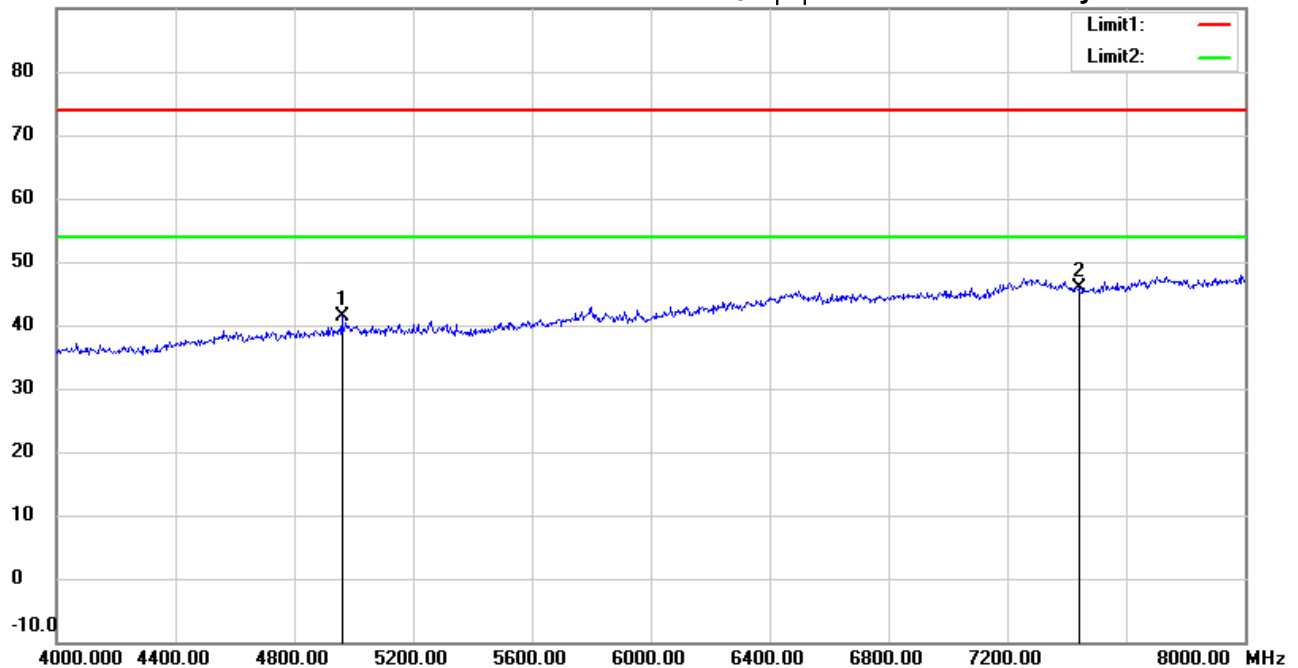
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:12:42

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 5 Vd.c.(USB)

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
	4960.000	34.88	peak	6.41	41.29	74.00	150	147	-32.71	
*	7440.000	32.76	peak	13.18	45.94	74.00	150	359	-28.06	

*: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: Gino

File : 3

Data : #7

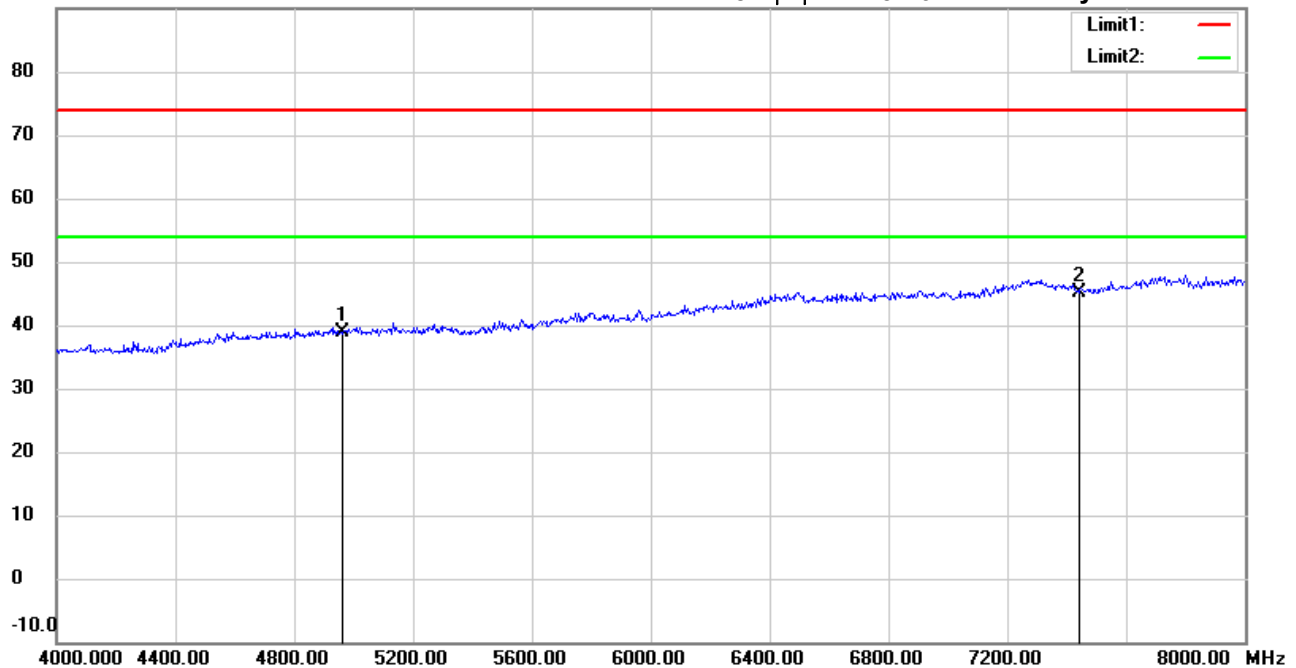
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:15:26

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

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
	4960.000	32.57	peak	6.41	38.98	74.00	150	0	-35.02	
*	7440.000	31.99	peak	13.18	45.17	74.00	150	160	-28.83	

*: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: Gino

File : 3

Data : #3

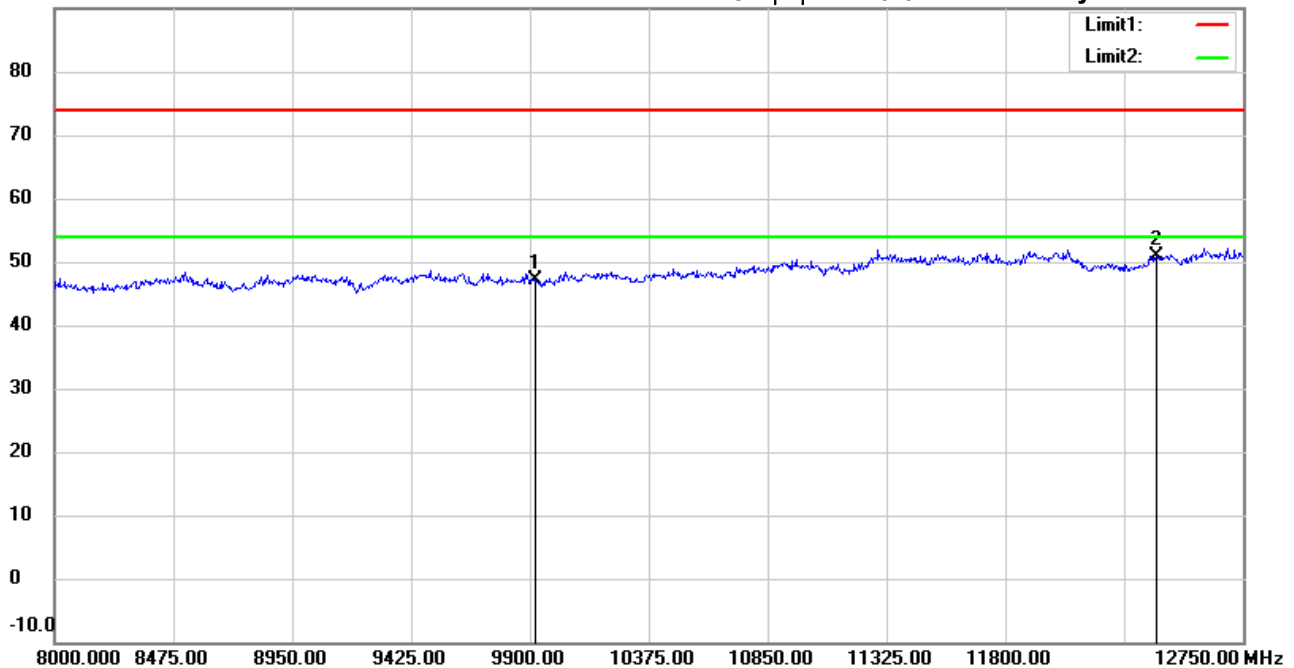
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:13:31

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 5 Vd.c.(USB)

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
	9920.000	32.60	peak	14.48	47.08	74.00	150	7	-26.92	
*	12400.000	33.54	peak	17.39	50.93	74.00	150	160	-23.07	

*: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: Gino

File : 3

Data : #8

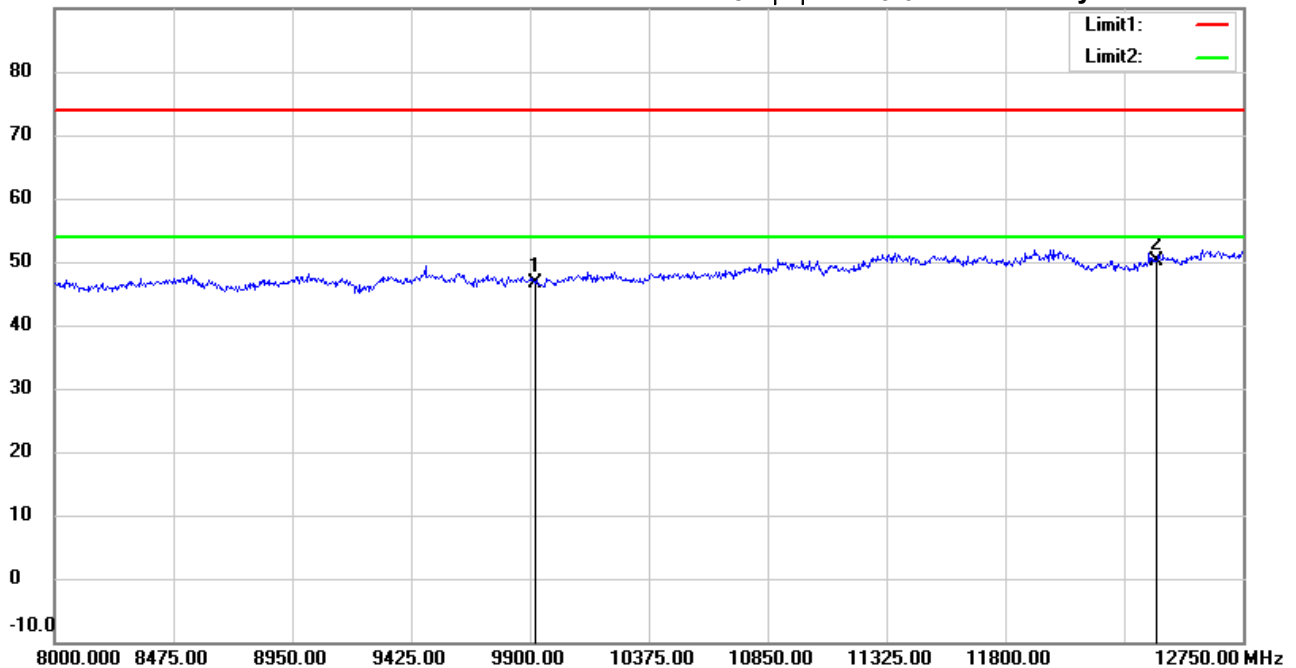
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:16:07

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

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
	9920.000	32.20	peak	14.48	46.68	74.00	150	123	-27.32	
*	12400.000	32.72	peak	17.39	50.11	74.00	150	28	-23.89	

*: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: Gino

File :3

Data :#4

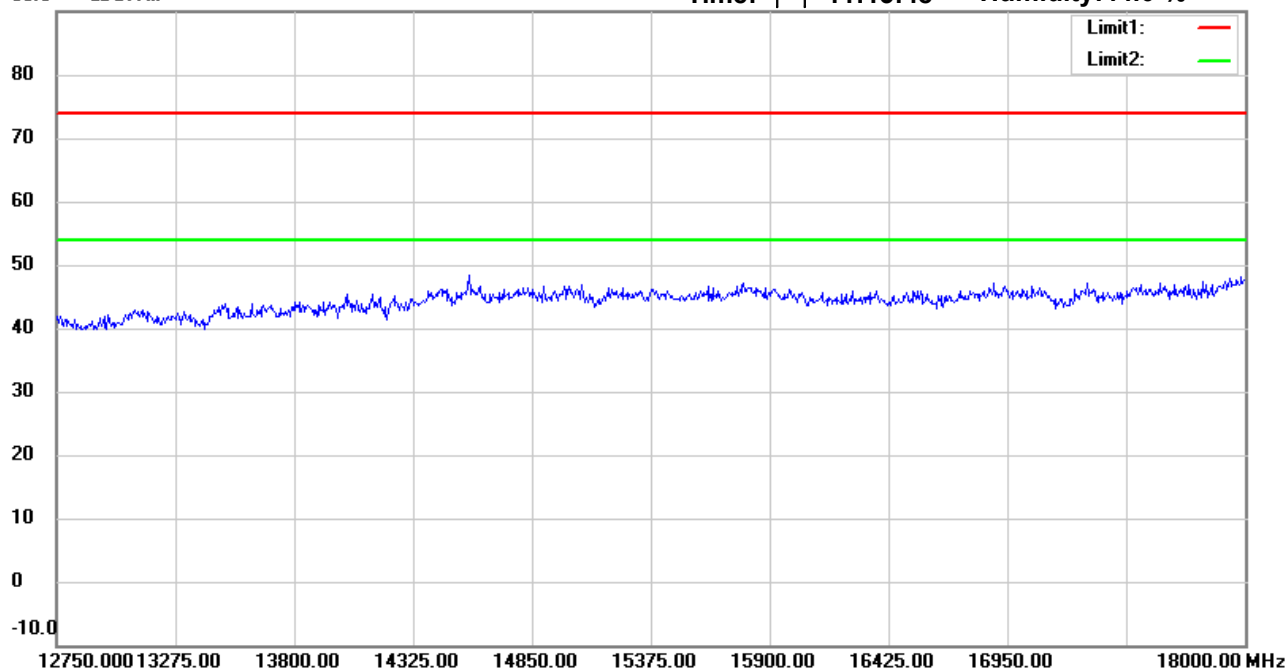
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:13:48

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File : 3

Data : #9

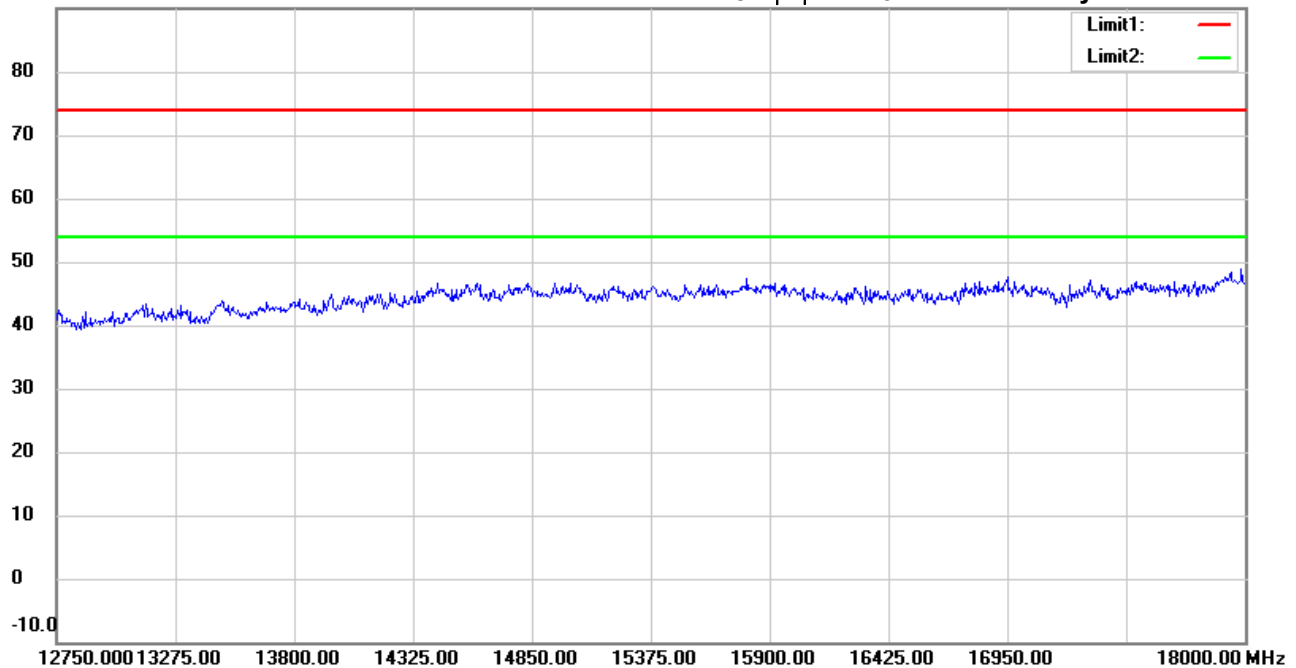
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:16:24

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File :3

Data :#5

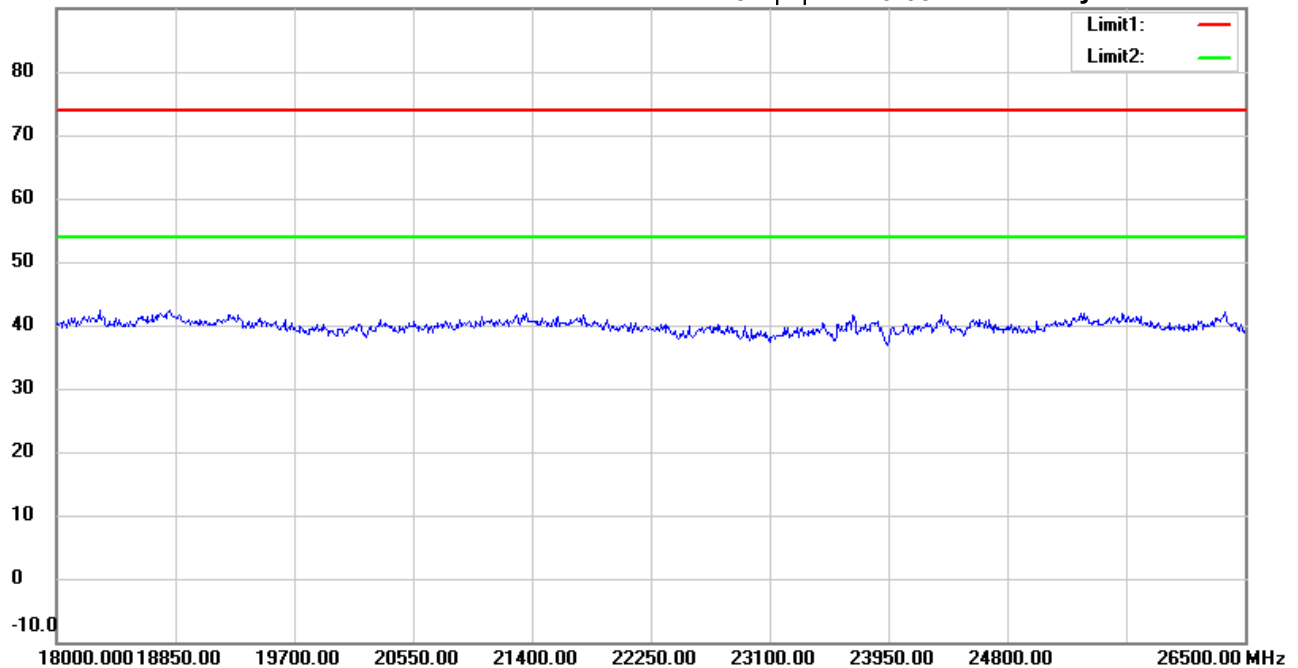
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:13:58

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Horizontal

Power : 5 Vd.c.(USB)

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
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*: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: Gino

File :3

Data :#10

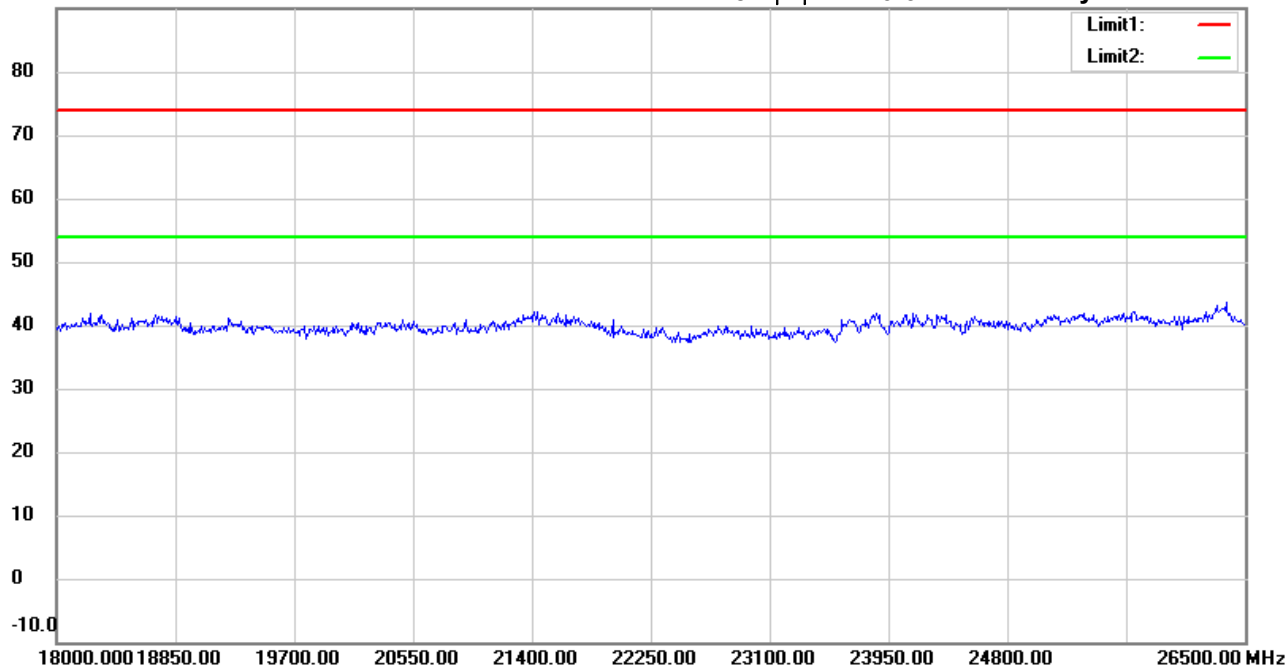
Date: 2025/8/29

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 11:16:34

Humidity: 44.0 %



Site : 966A Chamber

Condition : FCC 15.249 PK >1G

EUT : W6M22603-25043

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

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