

47 CFR PART 15 SUBPART C TEST REPORT

for

Bryton Smart Heart rate sensor

Model No.: DE2505

FCC ID: YDM-DE2505

of

Applicant: Bryton Inc.

Address: 3F-1., No.79-1, Zhouzi St., Neihu Dist., Taipei City 114, Taiwan

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.: W6M22510-24776-C-2



Registration number: W6M22510-24776-C-2

FCC ID: YDM-DE2505

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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:

November 28, 2025

Ken Kang

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

November 28, 2025

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 number: ./.

Street: ./.

Town: ./.

Country: ./.



Worldwide Testing Services(Taiwan) Co., Ltd.

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1.3 Details of approval holder

Name: Bryton Inc.
Street: 3F-1., No.79-1, Zhouzi St., Neihu Dist.,
Town: Taipei City 114,
Country: Taiwan

1.4 Application details

Date of receipt of test item: October 23, 2025
Date of test: from October 24, 2025 to November 27, 2025

1.5 General information of Test item

Type of test item: Bryton Smart Heart rate sensor
Model number: DE2505
Multi-listing model number: ./.
Sample no.: #06

Technical data

Frequency band: 2457 MHz
Operation frequency: 2457 MHz
Operation modes: Duplex
Modulation type: GFSK
Antenna type: PCB antenna
Antenna gain: 0 dBi
Power supply: Battery 3Vd.c. (CR2032)

Manufacturer: (if different from applicant)

1

Name: Pan-international Precision Electronic Co.,Ltd
Street: Xinlian Indl. Area , Hu-men , Dongguan ,
Town: Guangdong ,
Country: China

2

Name: Pan-International Electronics Sdn. Bhd.
Street: Plot 4, Seberang Jaya Industrial Estate Bandar Seberang Jaya
Town: 13700 Prai Penang,
Country: Malaysia

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: ./.

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Power Line Conducted Emission)	Expanded Uncertainty : AMN : 0.94 dB Voltage probe : 1.21 dB Include Pulse Limiter : 1.5 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 : 3.92 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.



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2.3 Test Equipment List

Power&BandEdge&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+	
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

20DB Bandwidth

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



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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.



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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.



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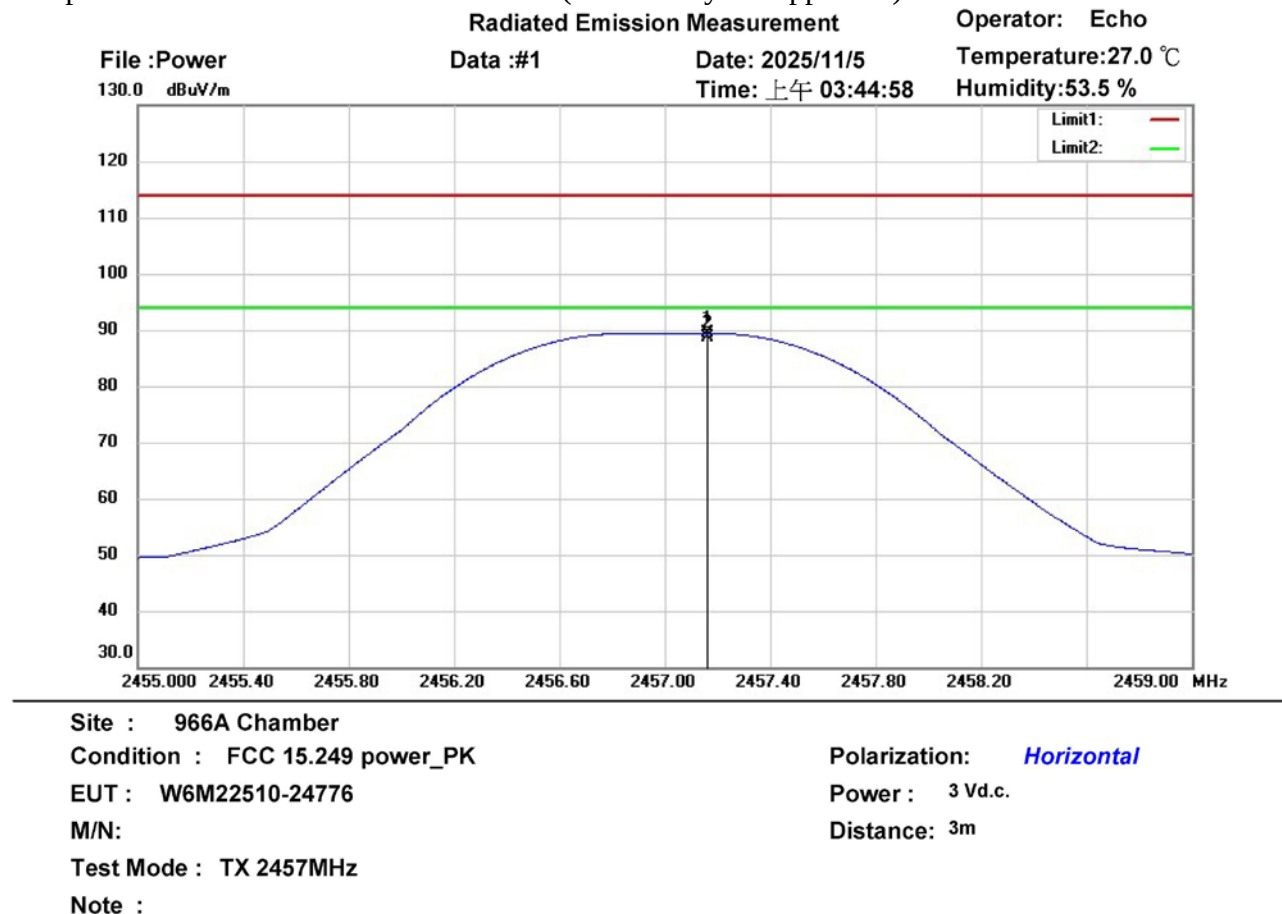
FCC ID: YDM-DE2505

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).



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
	2457.160	93.00	peak	-3.56	89.44	114.00	150	157	-24.56	
*	2457.160	92.09	AVG	-3.56	88.53	94.00	150	157	-5.47	



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FCC ID: YDM-DE2505

Radiated Emission Measurement

Operator: Echo

File :Power

Data :#2

Date: 2025/11/5

Temperature:27.0 °C

130.0 dBuV/m

Time: 上午 03:56:16

Humidity:53.5 %



Site : 966A Chamber

Condition : FCC 15.249 power_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Vertical**

Power : 3 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
	2457.172	91.23	peak	-3.56	87.67	114.00	150	127	-26.33	
*	2457.172	90.06	AVG	-3.56	86.50	94.00	150	127	-7.50	



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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.

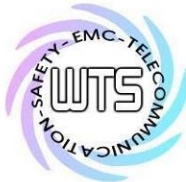
SAMPLE CALCULATION OF LIMIT. ALL results will be updated by an automatic measuring system in accordance with point 2.3.

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.

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

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.**

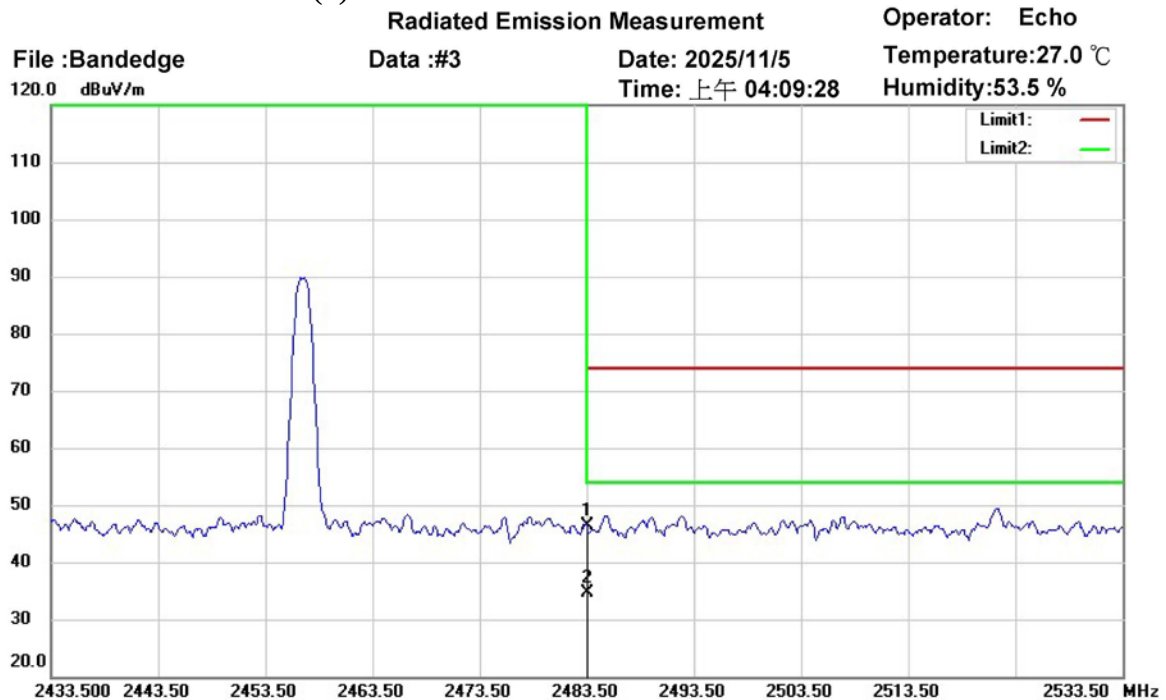


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FCC ID: YDM-DE2505

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 (2400 and 2483.5 MHz). It meets the requirement of section 15.249(d).



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Horizontal*

Power : 3 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
	2483.500	49.94	peak	-3.62	46.32	74.00	150	157	-27.68	
*	2483.500	38.37	AVG	-3.62	34.75	54.00	150	157	-19.25	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22510-24776-C-2

FCC ID: YDM-DE2505

Radiated Emission Measurement

Operator: Echo

File :Bandedge

Data :#2

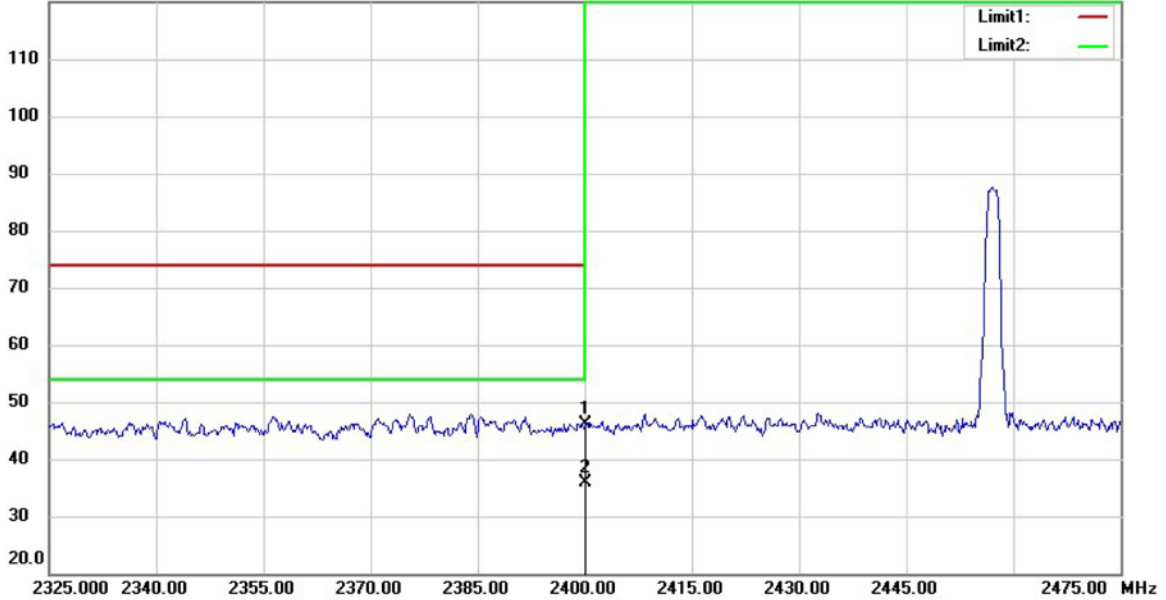
Date: 2025/11/5

Temperature:27.0 °C

Time: 上午 04:06:27

Humidity:53.5 %

120.0 dBuV/m



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Vertical**

Power : 3 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
	2400.000	49.67	peak	-3.42	46.25	74.00	150	127	-27.75	
*	2400.000	39.27	AVG	-3.42	35.85	54.00	150	127	-18.15	



Worldwide Testing Services(Taiwan) Co., Ltd.

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Radiated Emission Measurement

Operator: Echo

File :Bandedge

Data :#1

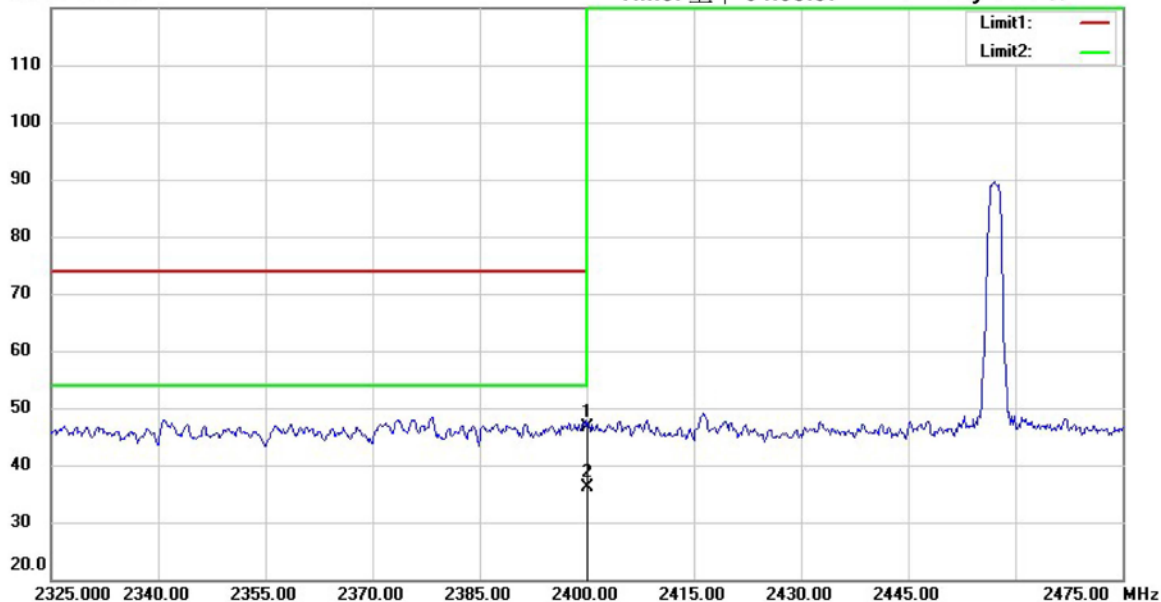
Date: 2025/11/5

Temperature:27.0 °C

120.0 dBuV/m

Time: 上午 04:08:57

Humidity:53.5 %



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Horizontal**

Power : 3 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
	2400.000	50.17	peak	-3.42	46.75	74.00	150	157	-27.25	
*	2400.000	39.57	AVG	-3.42	36.15	54.00	150	157	-17.85	



Worldwide Testing Services(Taiwan) Co., Ltd.

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FCC ID: YDM-DE2505

Radiated Emission Measurement

Operator: Echo

File :Bandedge

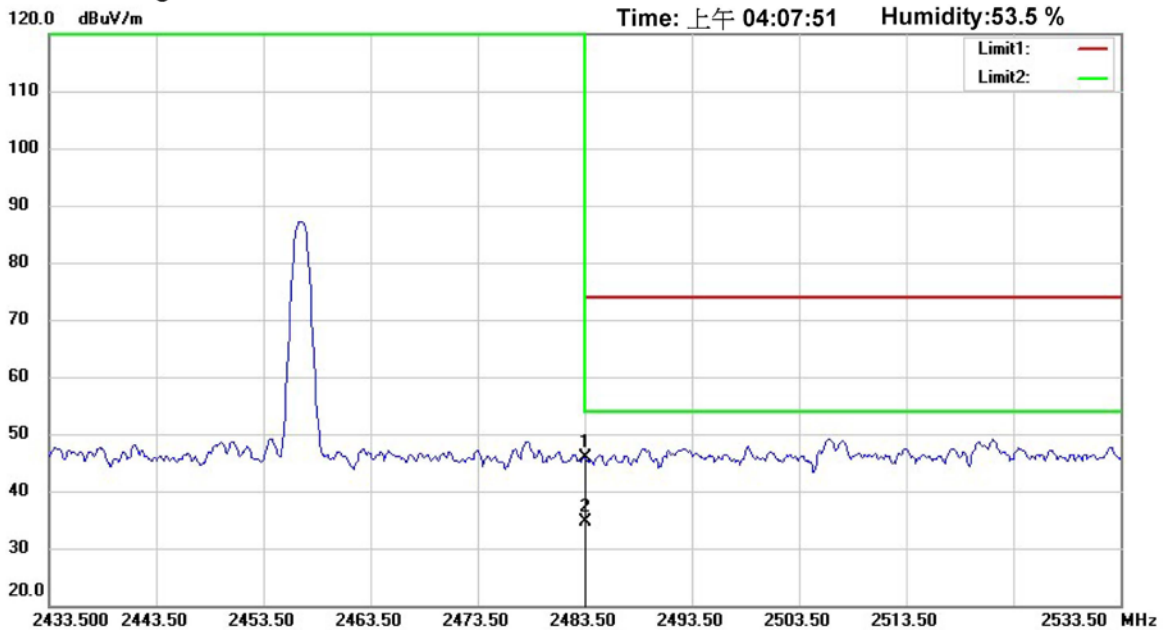
Data :#4

Date: 2025/11/5

Temperature:27.0 °C

Time: 上午 04:07:51

Humidity:53.5 %



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Vertical**

Power : 3 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
	2483.500	49.55	peak	-3.62	45.93	74.00	150	127	-28.07	
*	2483.500	38.36	AVG	-3.62	34.74	54.00	150	127	-19.26	

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3.8 20dB Bandwidth

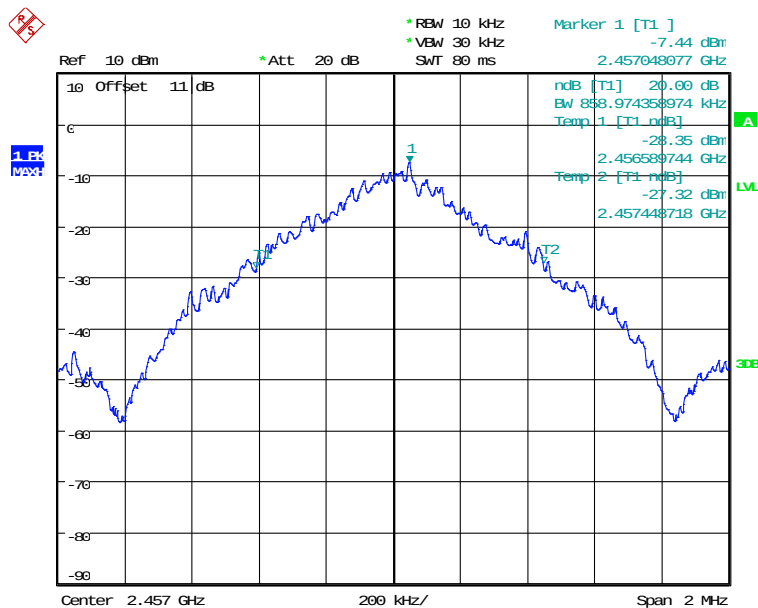
The 20dB bandwidth is measured on the lowest, middle and highest hopping channel.

Test date: November 21, 2025

Temperature: 22.5 °C

Humidity: 59.3 %

Tester: Paul



OCCUPIED BANDWIDTH CH2457
Date: 21.NOV.2025 10:32:58

Limits:

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

3.8.1 System Receiver Input Bandwidth

It is determined in the Bluetooth core specification. The value matches to the bandwidth of transmitter signal.



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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.

- 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 = Qusai 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.**
 - 6. This test is not required because EUT is battery-used.**

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



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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: Echo

File :3

Data :#1

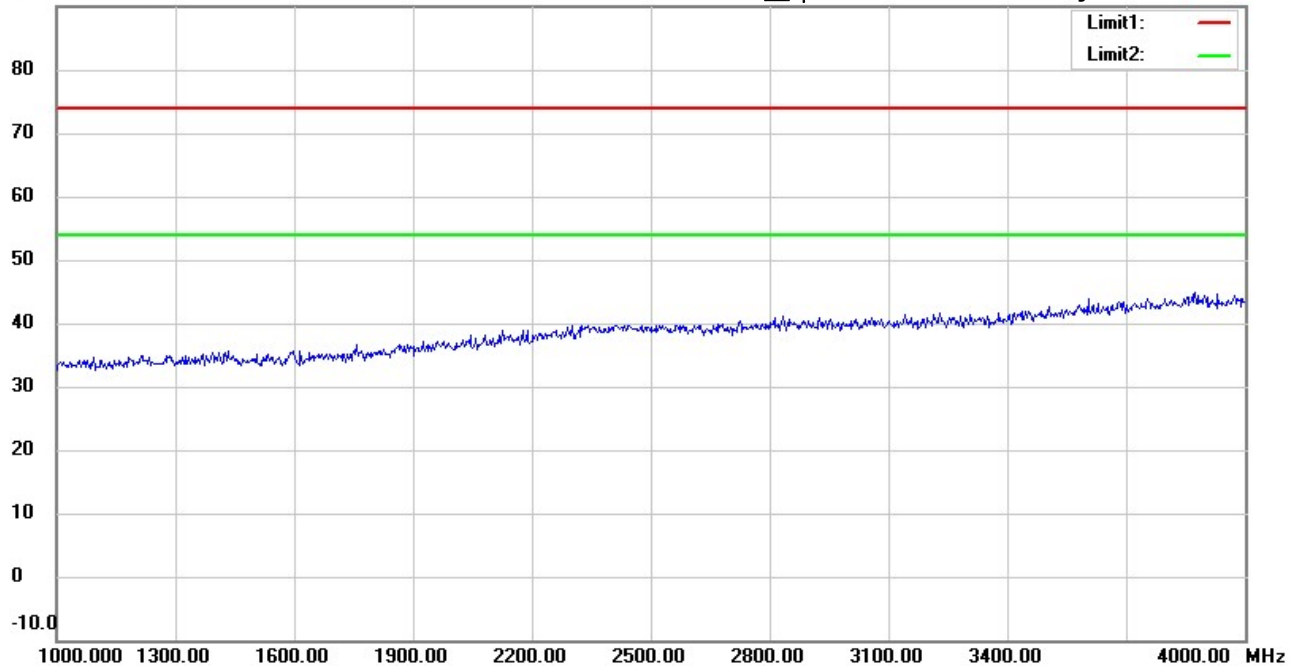
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 02:45:21

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Horizontal

EUT : W6M22510-24776

Power : 3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2457MHz

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
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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: Echo

File :3

Data :#6

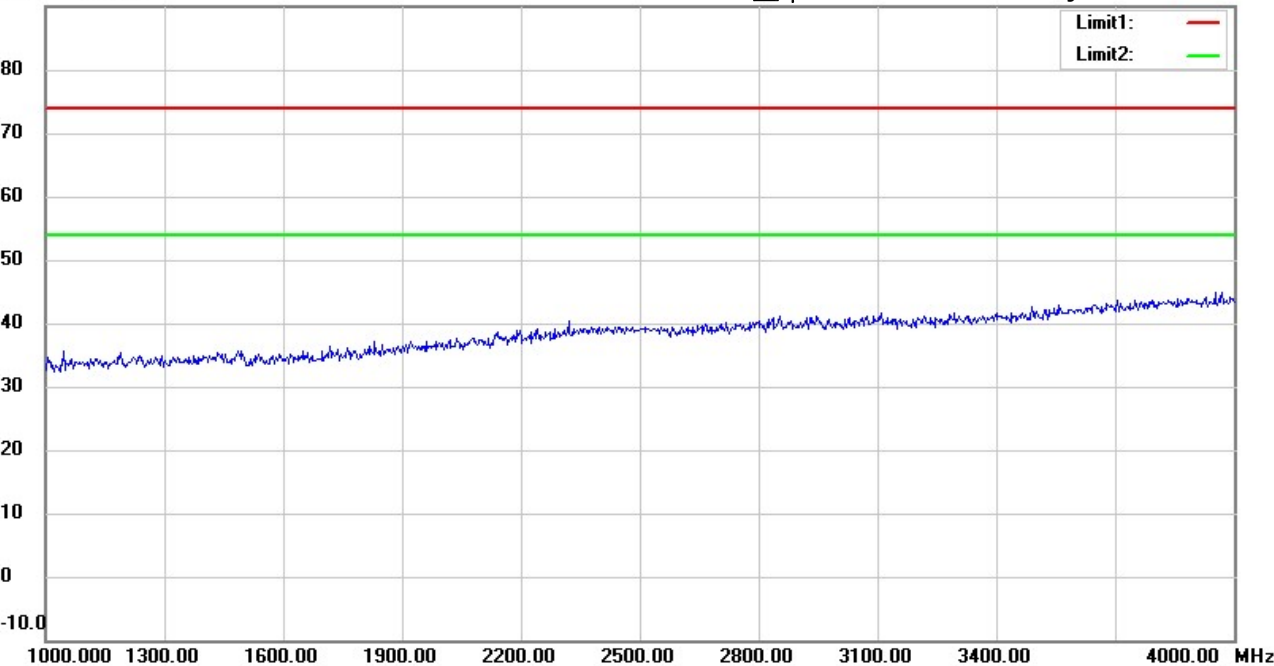
Date: 2025/11/5

Temperature:27.0 °C

90.0 dBuV/m

Time: 上午 02:48:02

Humidity:53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Vertical

Power : 3 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
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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: Echo

File :3

Data :#2

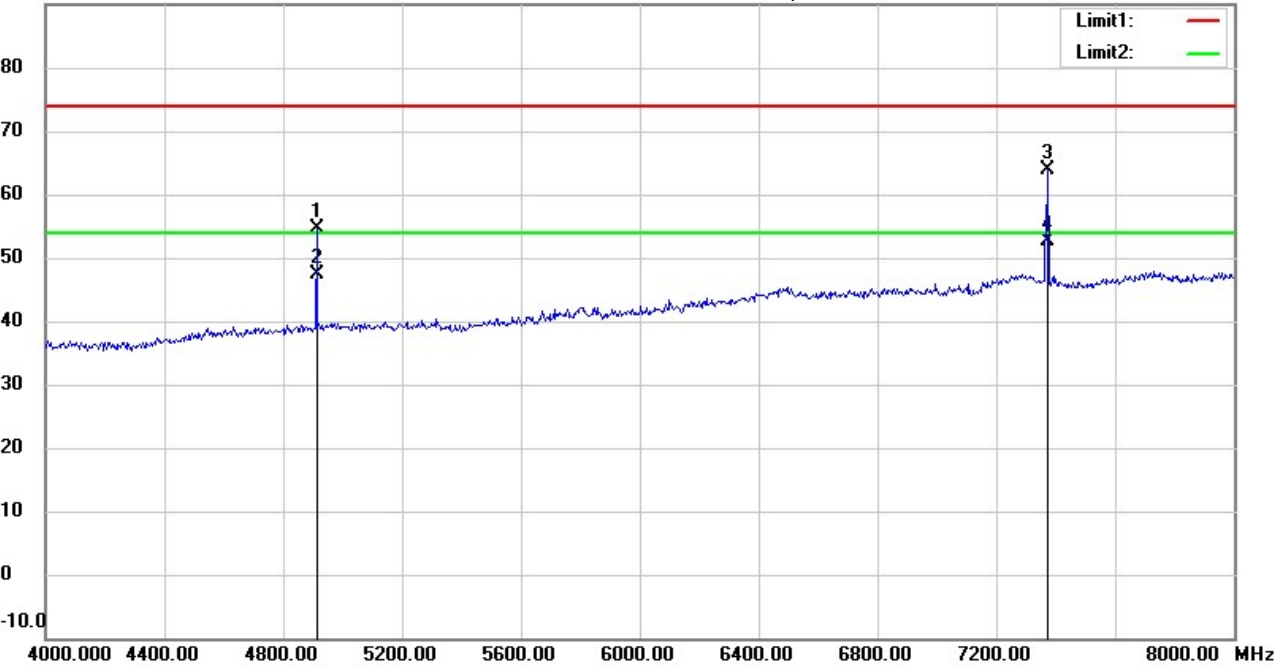
Date: 2025/11/5

Temperature:27.0 °C

90.0 dBuV/m

Time: 上午 02:46:03

Humidity:53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Horizontal*

Power : 3 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
	4912.000	48.39	peak	6.17	54.56	74.00	150	205	-19.44	
	4912.000	41.26	AVG	6.17	47.43	54.00	150	205	-6.57	
	7372.000	50.61	peak	13.21	63.82	74.00	190	71	-10.18	
*	7372.000	39.43	AVG	13.21	52.64	54.00	190	71	-1.36	

*: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: Echo

File :3

Data :#7

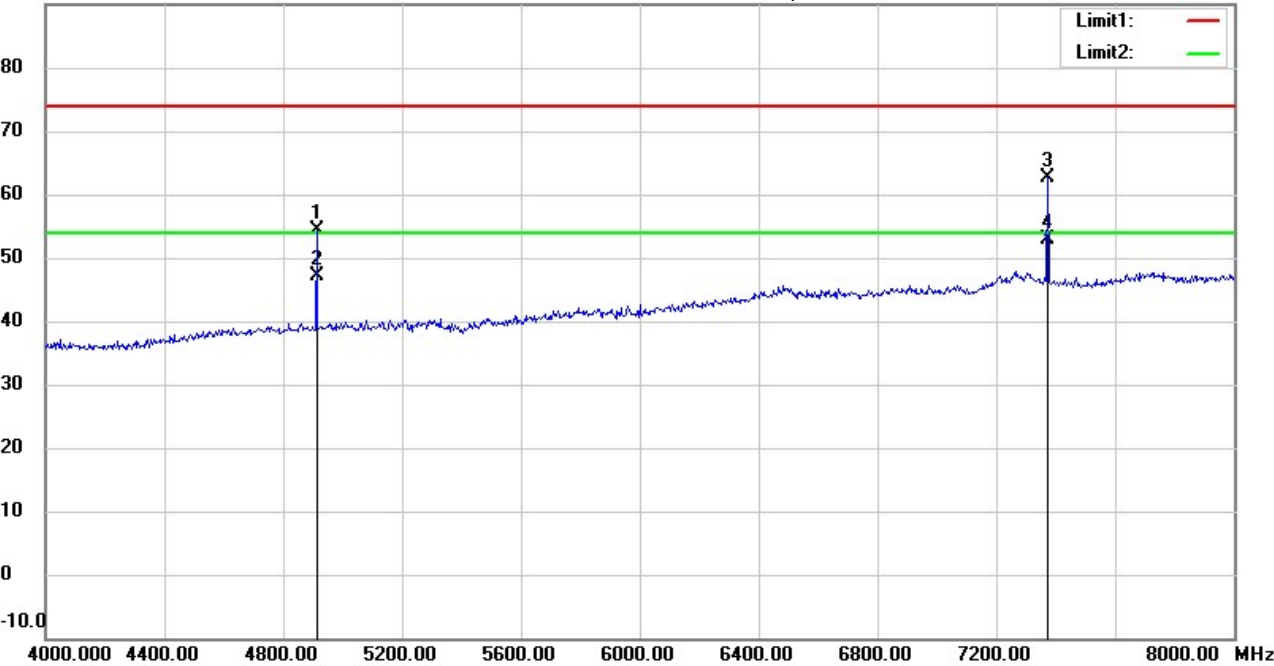
Date: 2025/11/5

Temperature:27.0 °C

90.0 dBuV/m

Time: 上午 02:48:45

Humidity:53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Vertical

Power : 3 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
	4912.000	48.24	peak	6.17	54.41	74.00	152	149	-19.59	
	4912.000	40.93	AVG	6.17	47.10	54.00	152	149	-6.90	
	7372.000	49.51	peak	13.21	62.72	74.00	230	190	-11.28	
*	7372.000	39.56	AVG	13.21	52.77	54.00	230	190	-1.23	

*: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

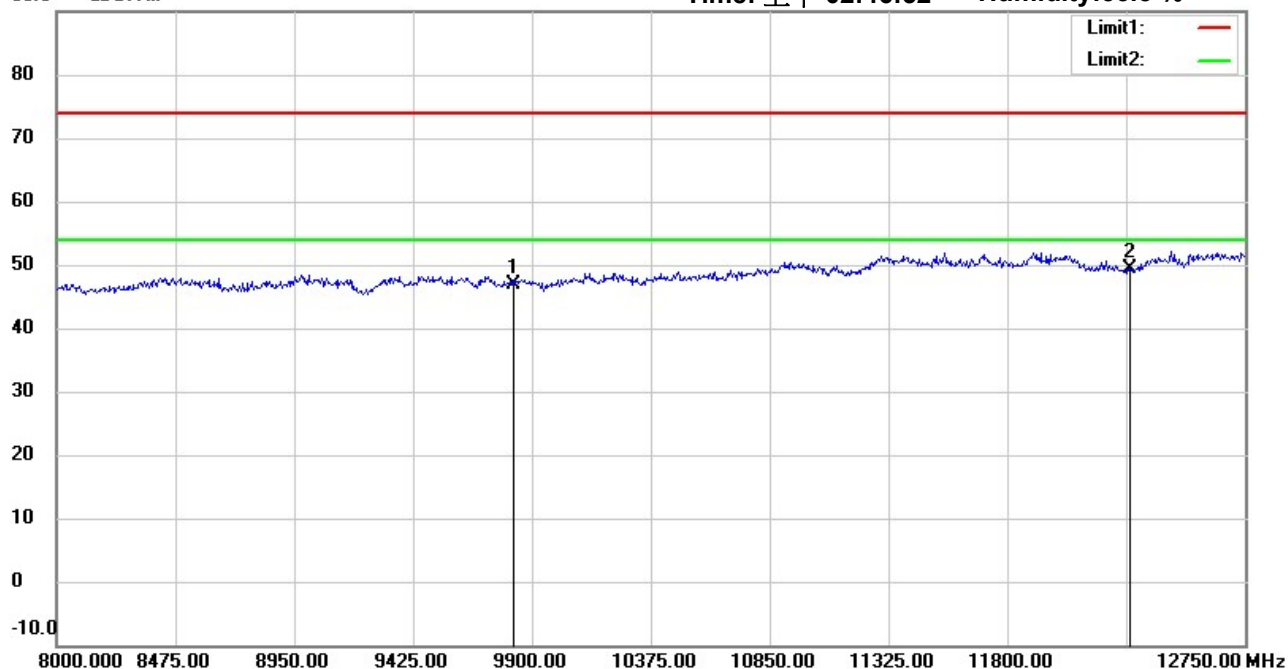
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 02:46:52

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Horizontal**

Power : 3 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
	9828.000	32.22	peak	14.78	47.00	74.00	150	3	-27.00	
*	12285.000	33.46	peak	15.97	49.43	74.00	150	302	-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: Echo

File : 3

Data : #8

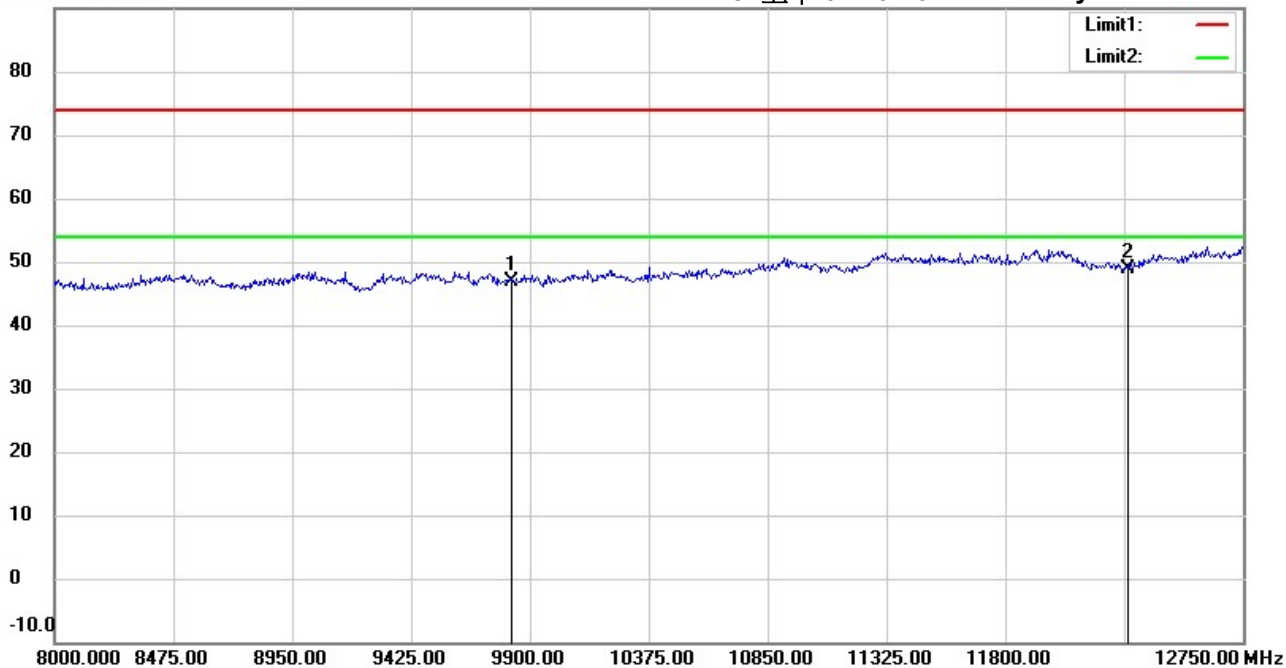
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 02:49:26

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Vertical

Power : 3 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
	9828.000	32.13	peak	14.78	46.91	74.00	150	112	-27.09	
*	12285.000	32.94	peak	15.97	48.91	74.00	150	269	-25.09	

*: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 : #4

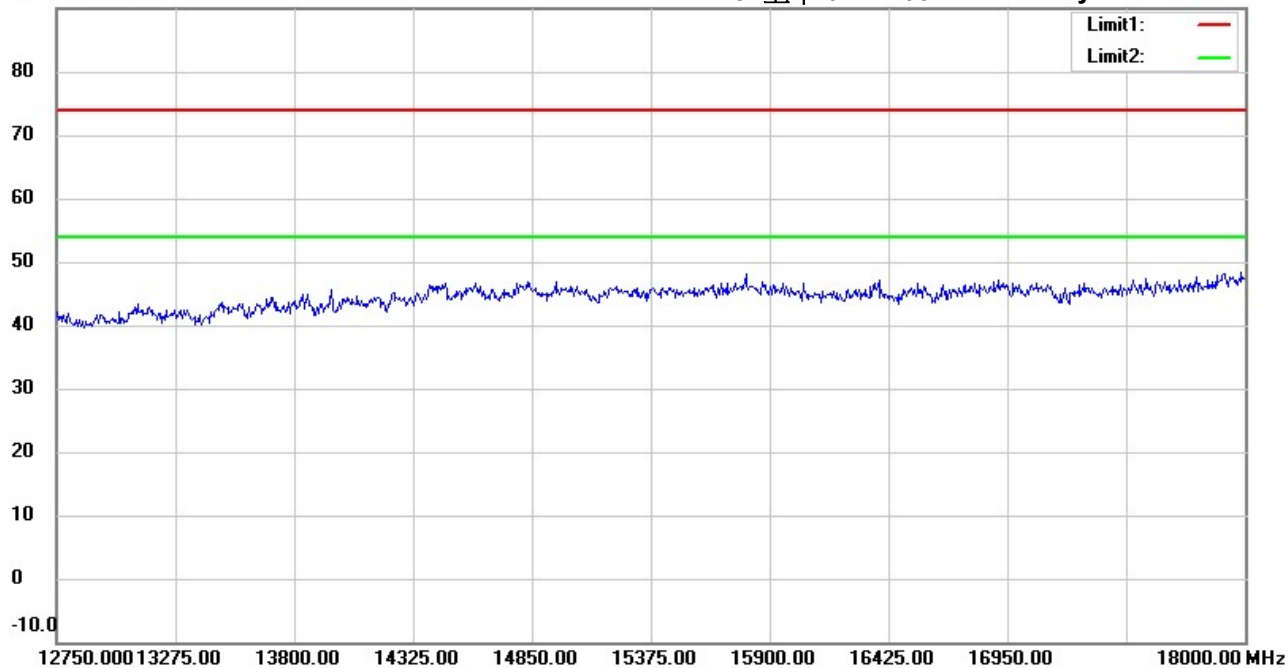
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 02:47:08

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Horizontal**

Power : 3 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
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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: Echo

File : 3

Data : #9

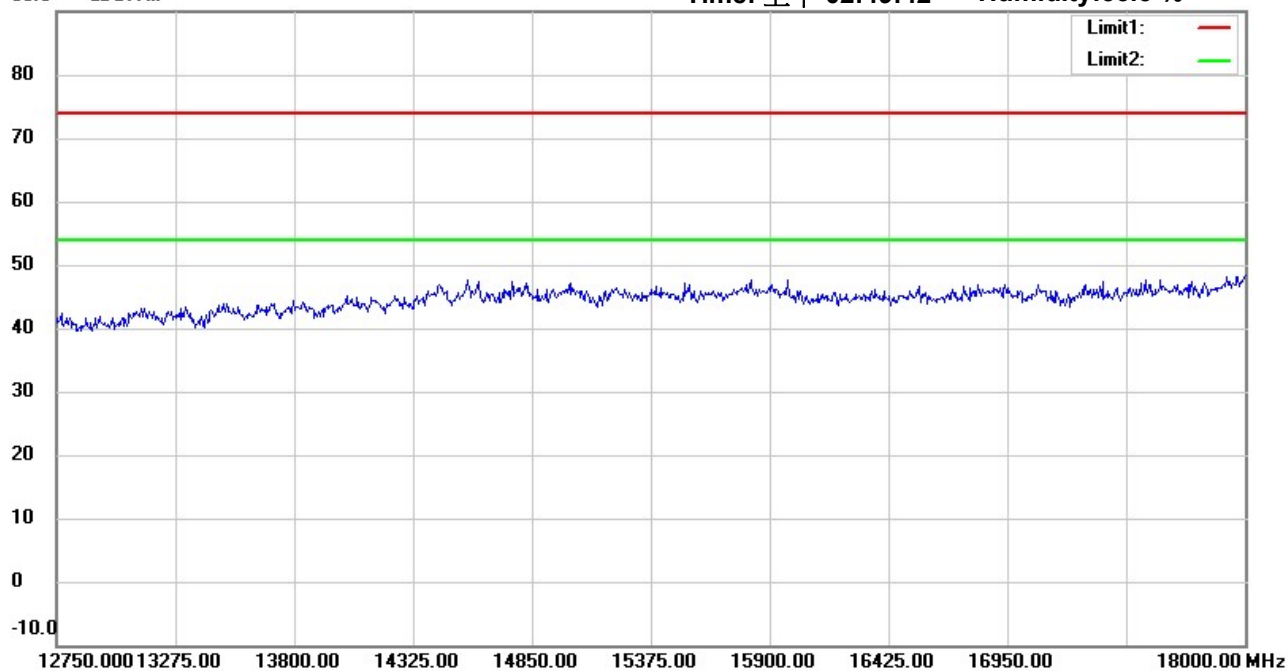
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 02:49:42

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Vertical

Power : 3 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
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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: Echo

File :3

Data :#5

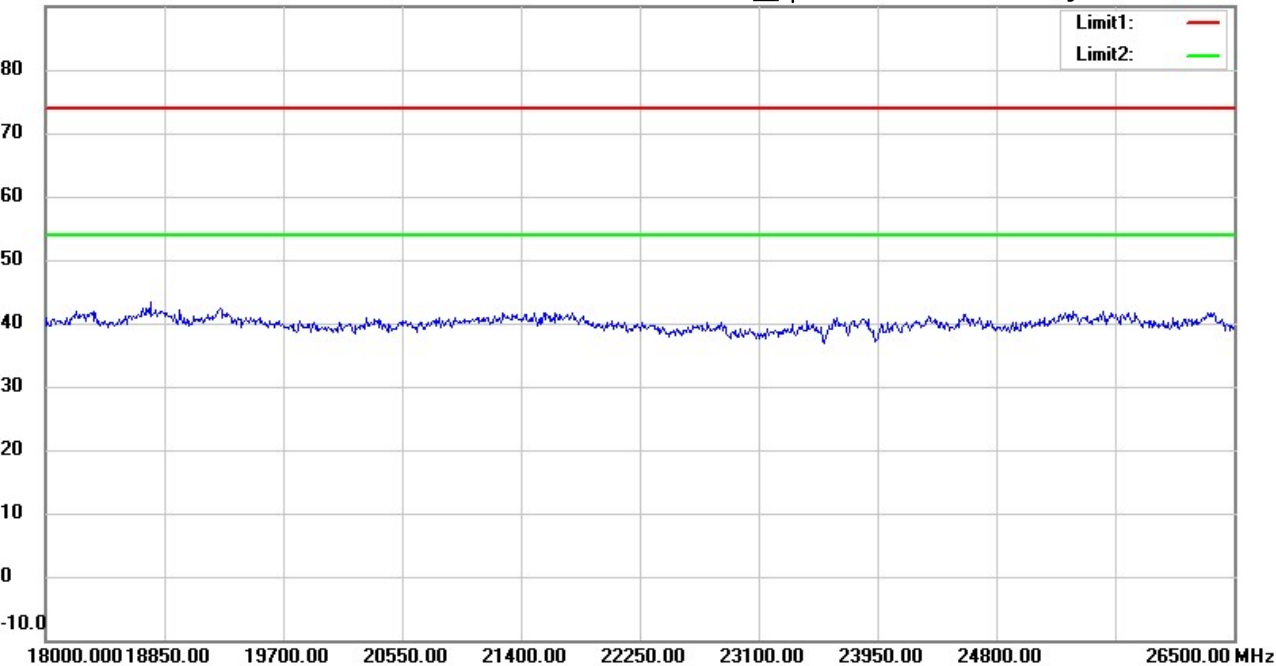
Date: 2025/11/5

Temperature:27.0 °C

90.0 dBuV/m

Time: 上午 02:47:18

Humidity:53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Horizontal*

Power : 3 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
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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: Echo

File : 3

Data : #10

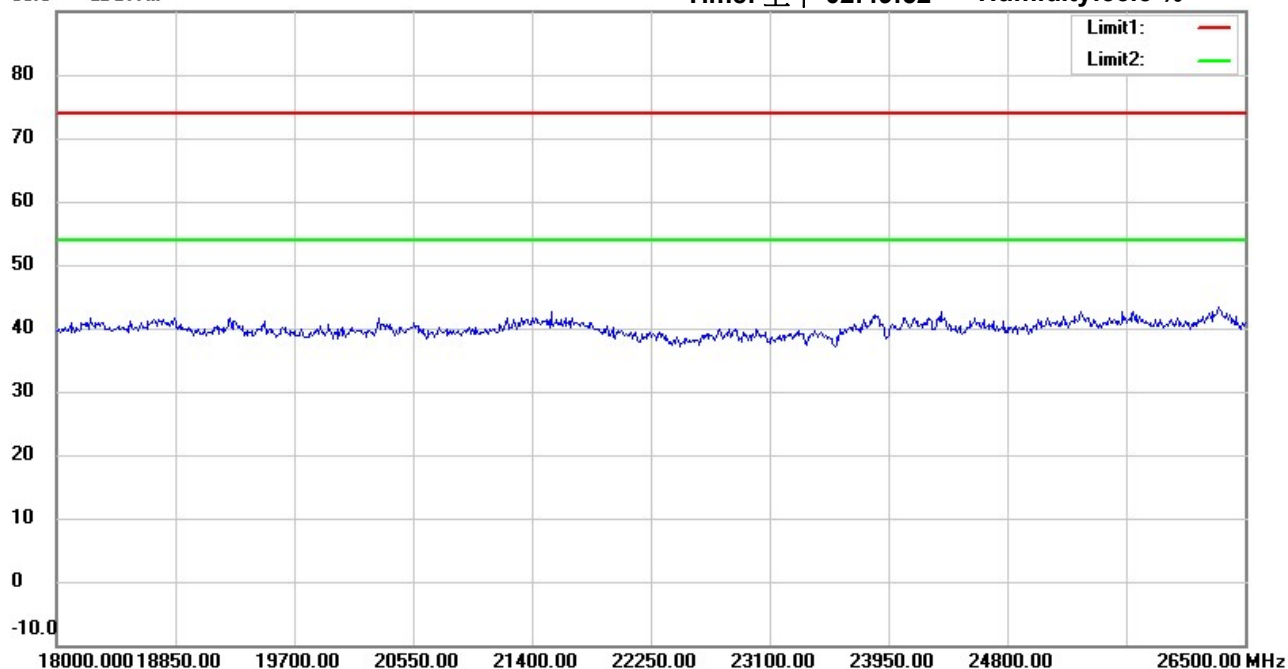
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 02:49:52

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Vertical

Power : 3 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
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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: Echo

File :3

Data :#1

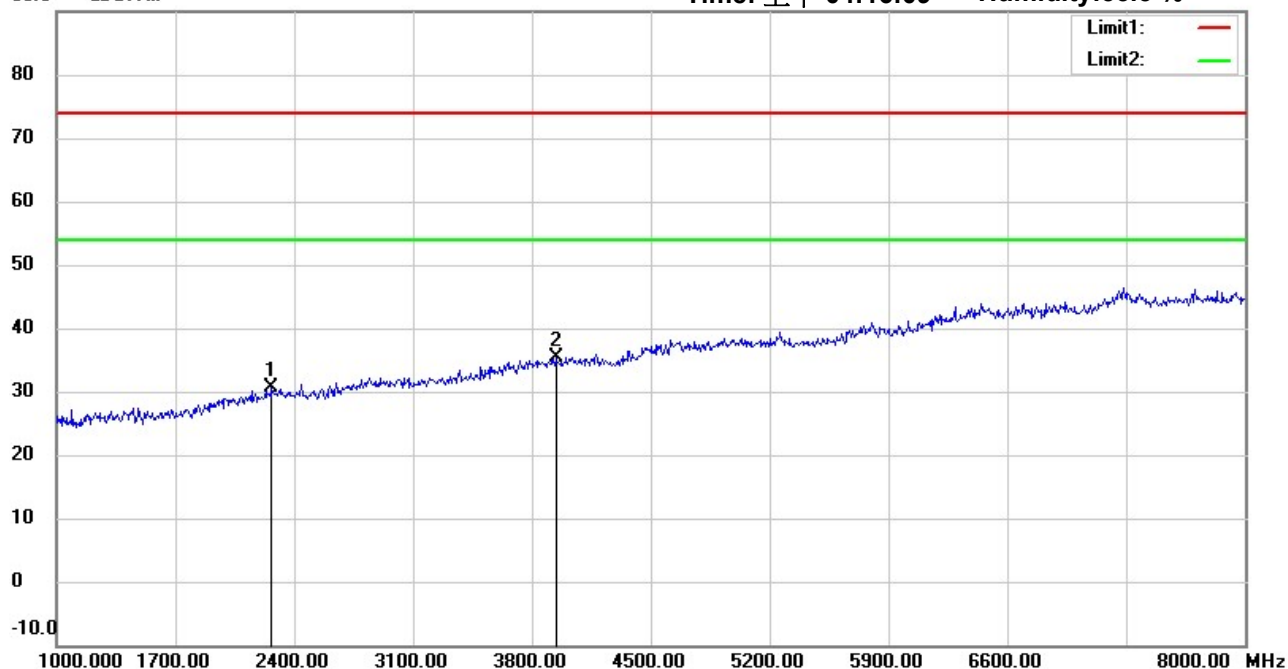
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 04:16:09

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : RX 2457MHz

Note :

Polarization: **Horizontal**

Power : 3 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
	2267.000	34.08	peak	-3.45	30.63	74.00	150	185	-43.37	
*	3940.000	33.21	peak	2.15	35.36	74.00	150	54	-38.64	

*: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 : #5

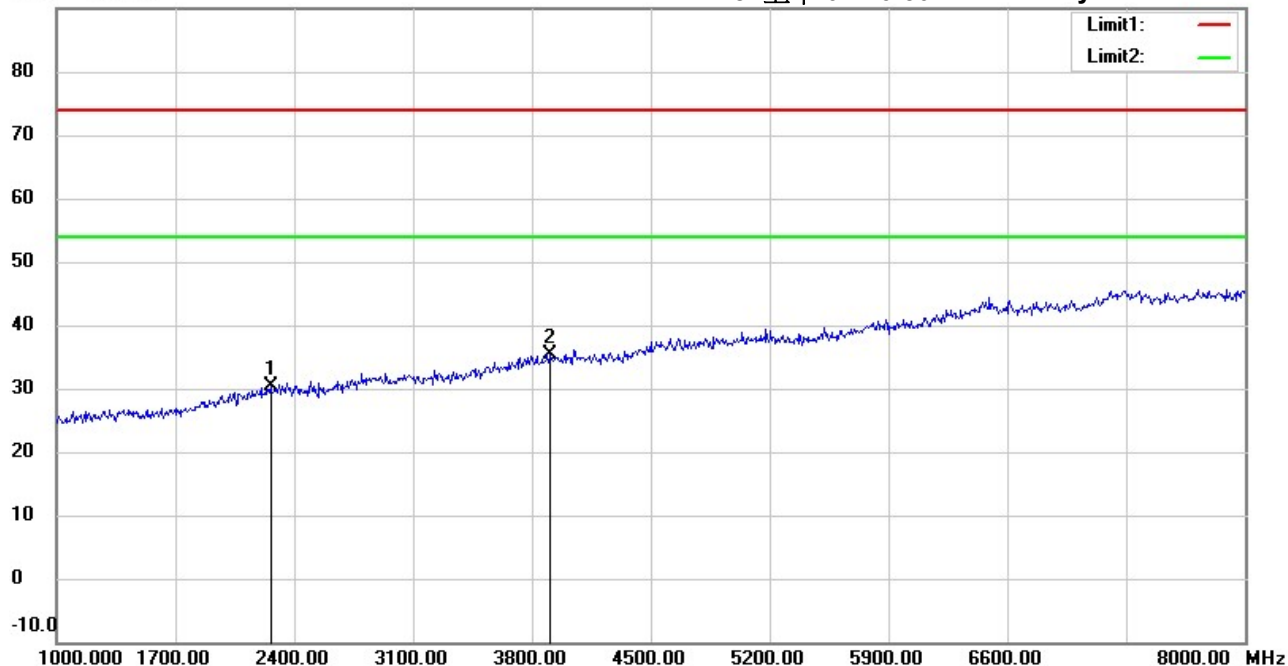
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 04:16:50

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : RX 2457MHz

Note :

Polarization: **Vertical**

Power : 3 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
	2260.000	33.75	peak	-3.47	30.28	74.00	150	172	-43.72	
*	3905.000	33.32	peak	2.12	35.44	74.00	150	164	-38.56	

*: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 : #2

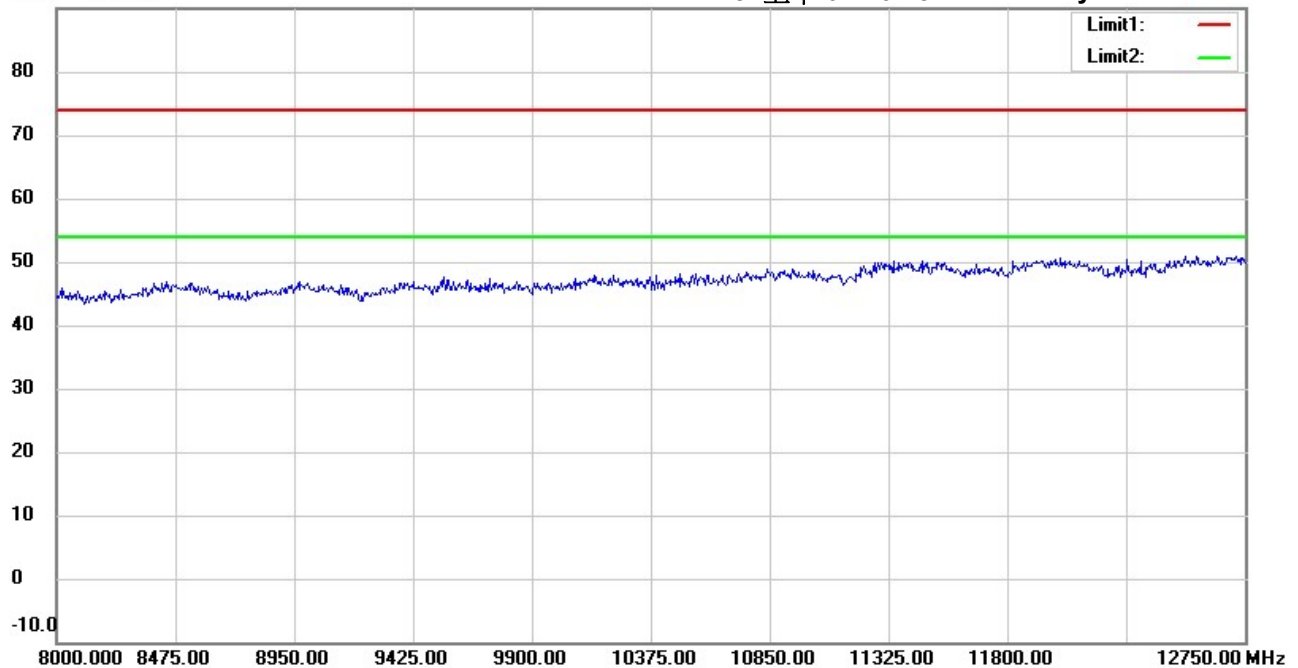
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 04:16:18

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : RX 2457MHz

Note :

Polarization: **Horizontal**

Power : 3 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
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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: Echo

File : 3

Data : #6

Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 04:16:59

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : RX 2457MHz

Note :

Polarization: Vertical

Power : 3 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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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

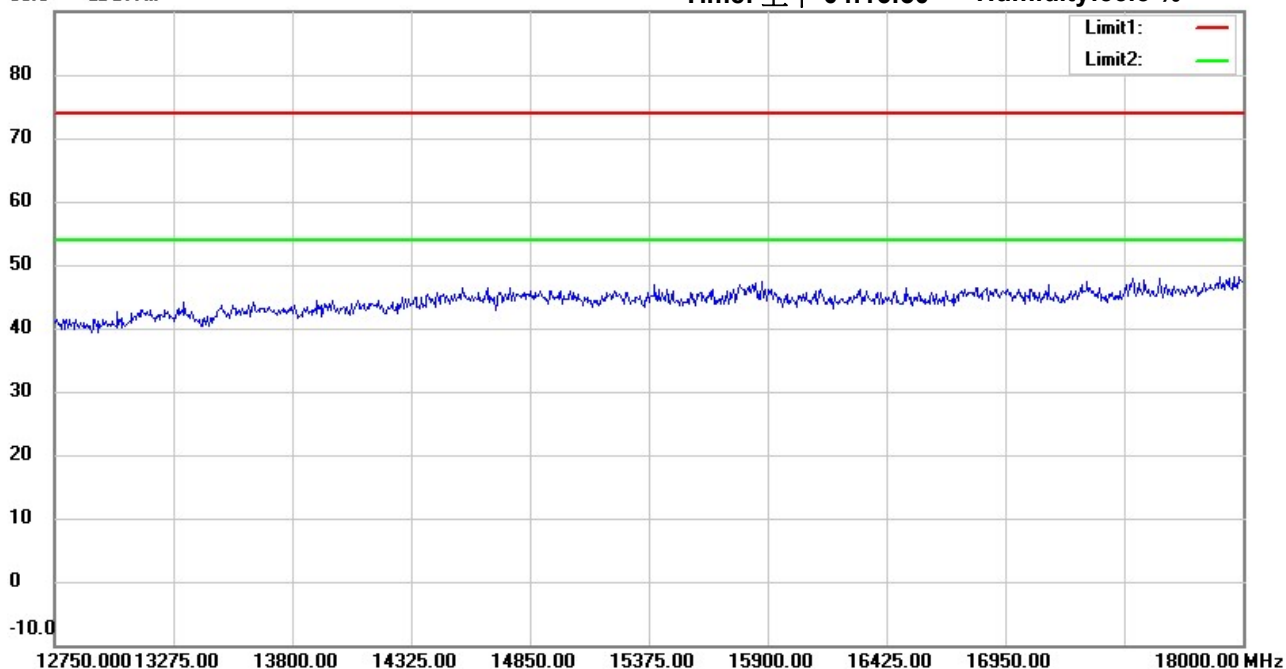
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 04:16:30

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : RX 2457MHz

Note :

Polarization: *Horizontal*

Power : 3 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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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 :#7

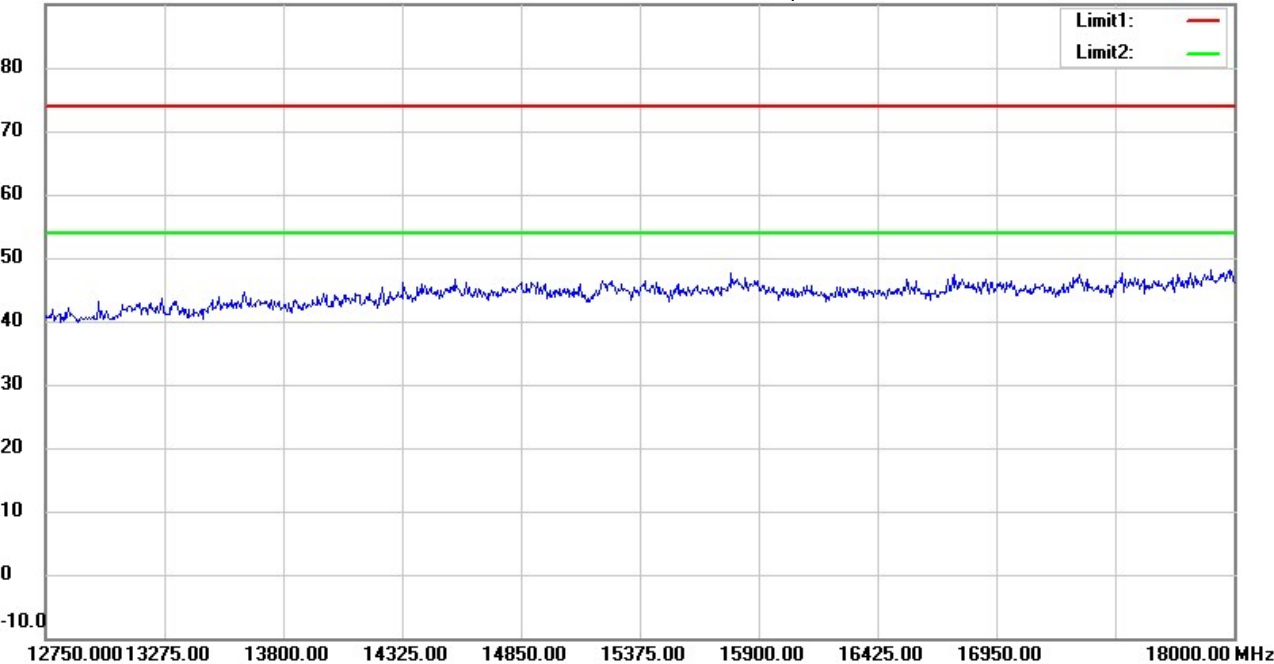
Date: 2025/11/5

Temperature:27.0 °C

90.0 dBuV/m

Time: 上午 04:17:11

Humidity:53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : RX 2457MHz

Note :

Polarization: Vertical

Power : 3 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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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 : #4

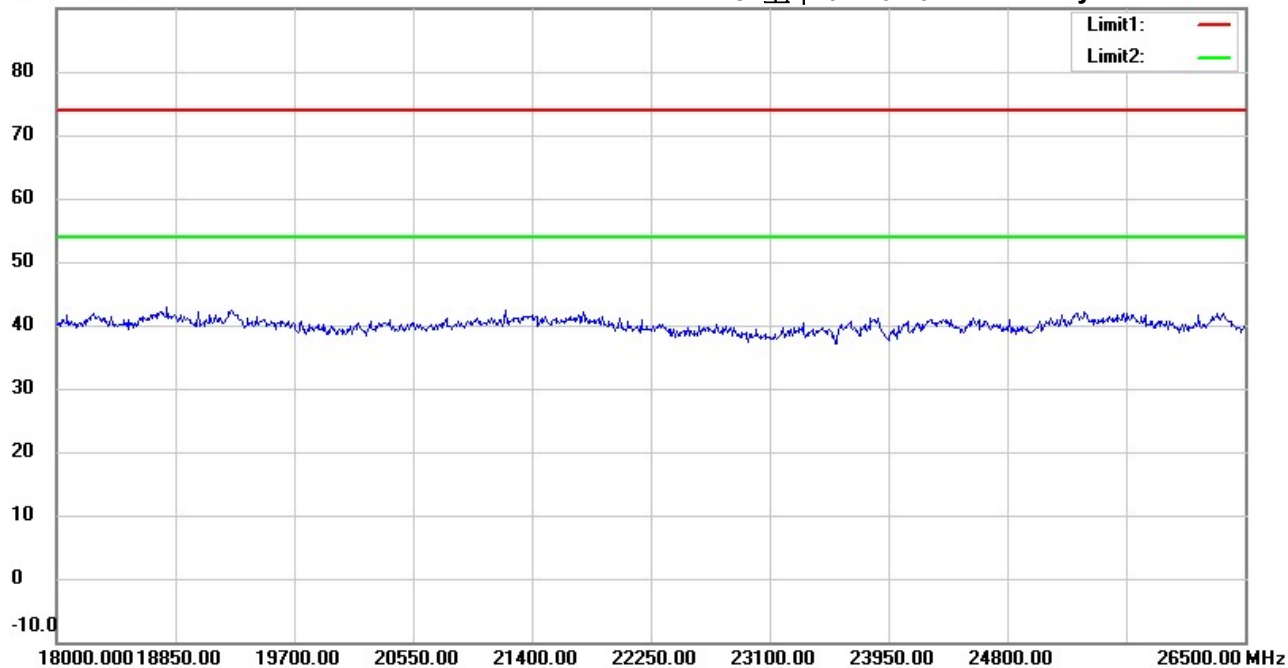
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 04:16:40

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : RX 2457MHz

Note :

Polarization: **Horizontal**

Power : 3 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
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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: Echo

File : 3

Data : #8

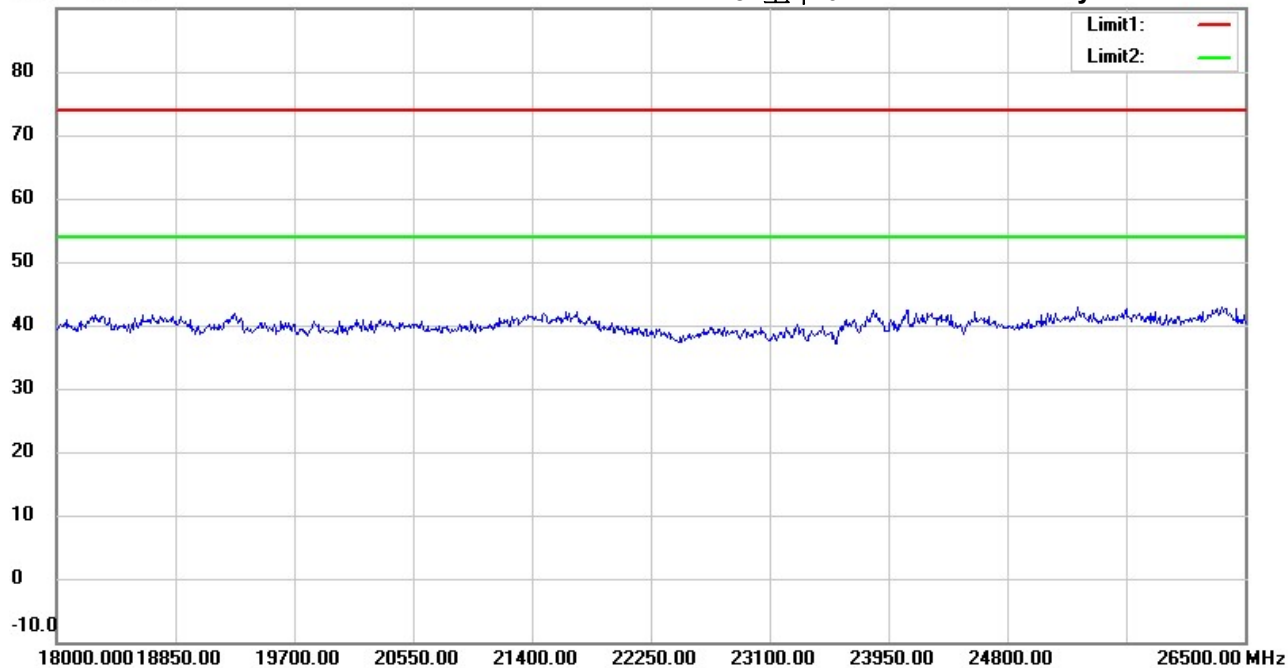
Date: 2025/11/5

Temperature: 27.0 °C

90.0 dBuV/m

Time: 上午 04:17:22

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M22510-24776

M/N:

Test Mode : RX 2457MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

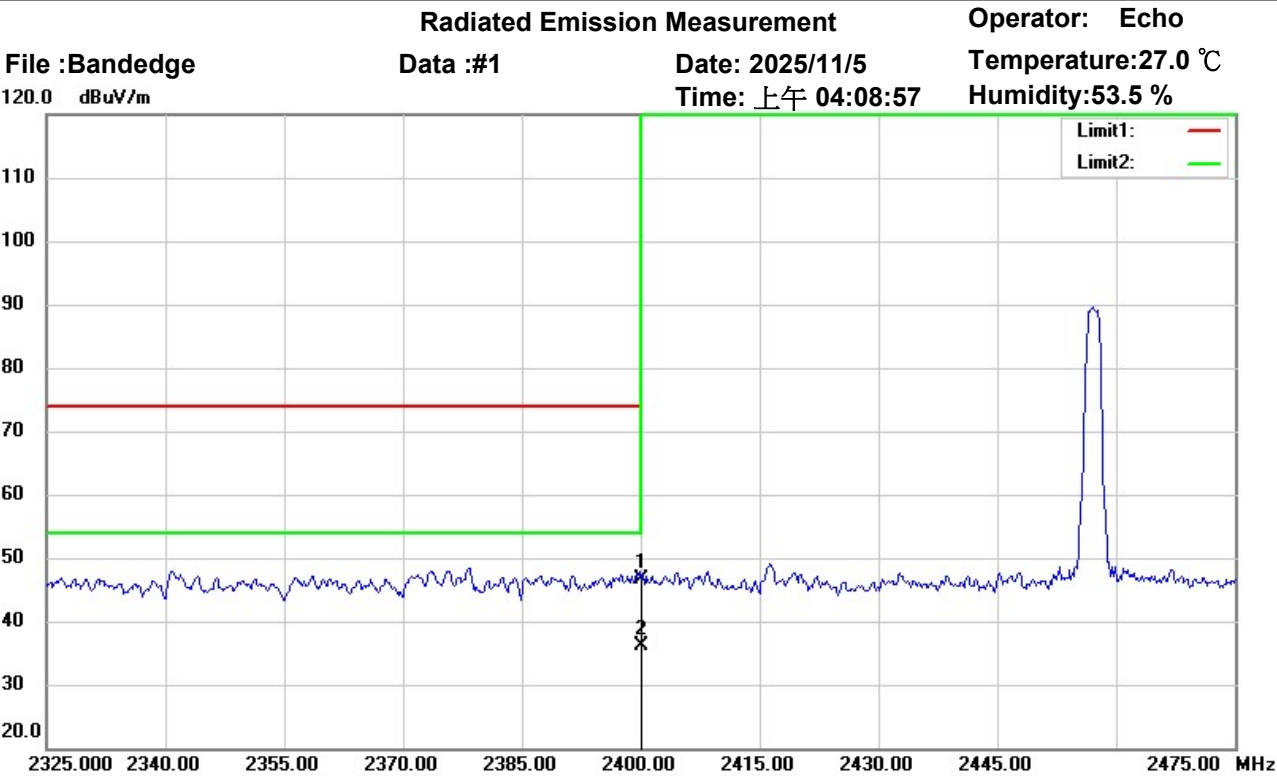
Distance: 3m

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

*: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



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Horizontal

Power : 3 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
	2400.000	50.17	peak	-3.42	46.75	74.00	150	157	-27.25	
*	2400.000	39.57	AVG	-3.42	36.15	54.00	150	157	-17.85	

*: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 : Bandedge

Data : #2

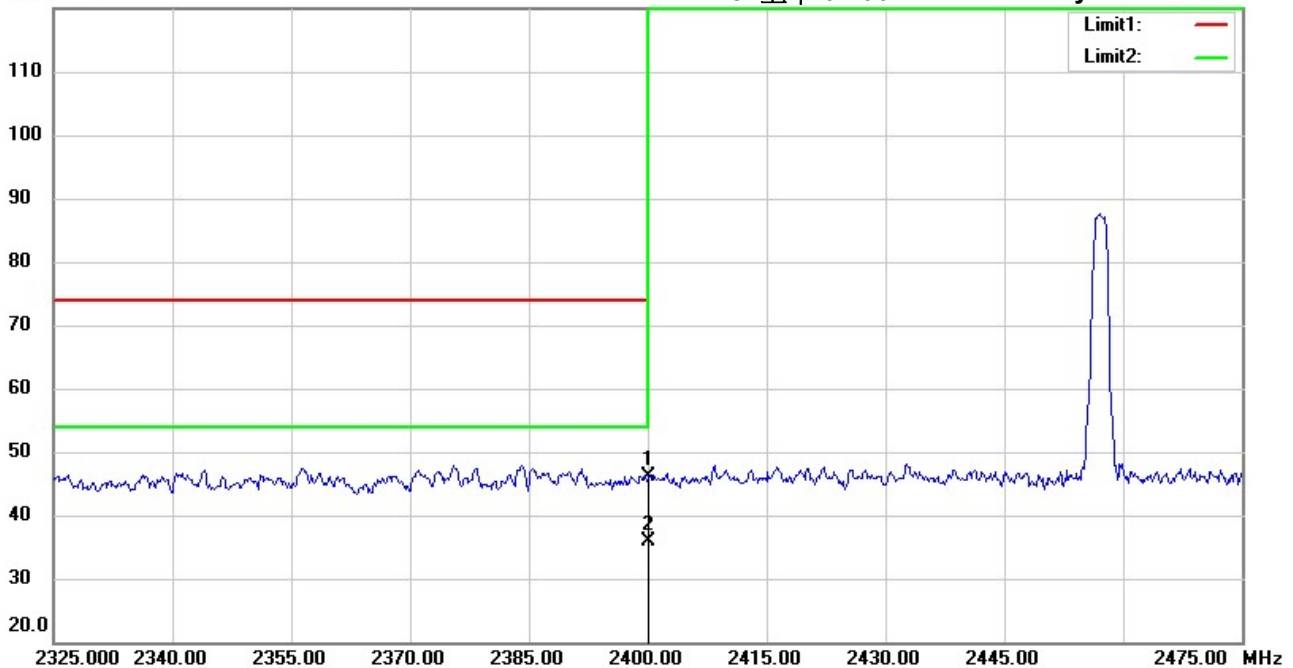
Date: 2025/11/5

Temperature: 27.0 °C

120.0 dBuV/m

Time: 上午 04:06:27

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Vertical

Power : 3 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
	2400.000	49.67	peak	-3.42	46.25	74.00	150	127	-27.75	
*	2400.000	39.27	AVG	-3.42	35.85	54.00	150	127	-18.15	

*: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 : Bandedge

Data : #3

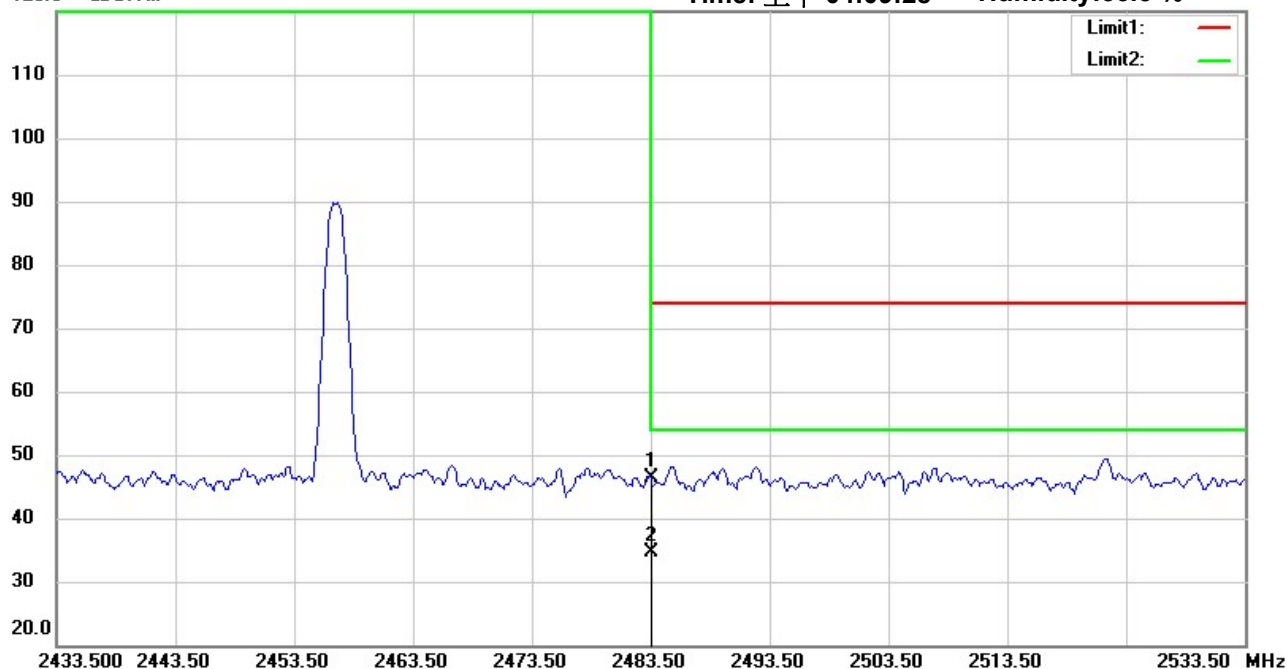
Date: 2025/11/5

Temperature: 27.0 °C

120.0 dBuV/m

Time: 上午 04:09:28

Humidity: 53.5 %



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Horizontal**

Power : 3 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
	2483.500	49.94	peak	-3.62	46.32	74.00	150	157	-27.68	
*	2483.500	38.37	AVG	-3.62	34.75	54.00	150	157	-19.25	

*: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 : Bandedge

Data : #4

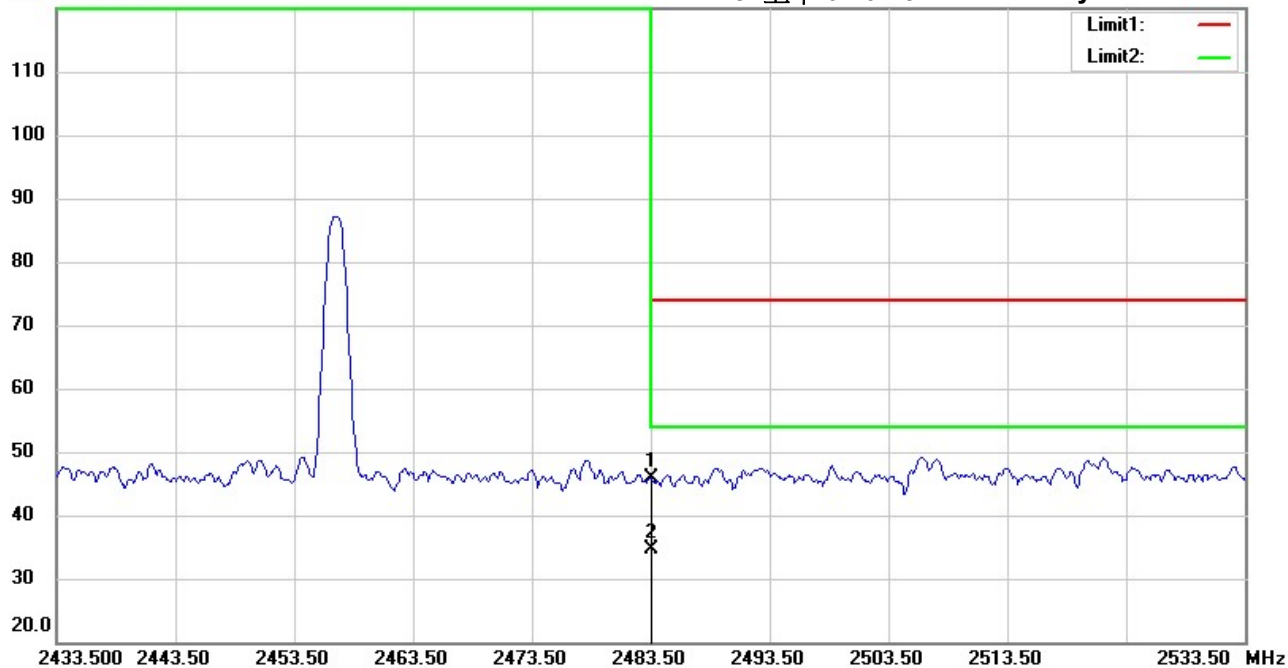
Date: 2025/11/5

Temperature: 27.0 °C

Time: 上午 04:07:51

Humidity: 53.5 %

120.0 dBuV/m



Site : 966A Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M22510-24776

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Vertical**

Power : 3 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
	2483.500	49.55	peak	-3.62	45.93	74.00	150	127	-28.07	
*	2483.500	38.36	AVG	-3.62	34.74	54.00	150	127	-19.26	

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