

47 CFR PART 15 SUBPART C TEST REPORT

for

Receiver Unit

Model No.: E01G

FCC ID: YWO-E01G

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.: W6M22506-24501-C-1

6F., No. 58, Ln. 188, Rueiguang Rd., Neihu Dist., Taipei City, Taiwan (R.O.C.)
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: wts@wts-lab.com



Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

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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.

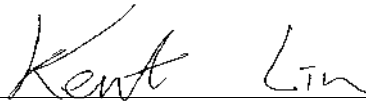
Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.

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.

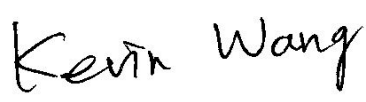
Laboratory disclaimer-

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:

July 31, 2025	Kent Lin	
Date	WTS-Lab.	Signature

Technical responsibility for area of testing:

July 31, 2025	Kevin Wang	
Date	WTS	Signature



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1.2 Testing laboratory

1.2.1 Location

10m OATS

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

3 meter semi-anechoic chamber

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

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

1.2.2 Details of accreditation status

Accredited testing laboratory

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

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

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

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

1.3 Application details

Approval holder

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

Manufacturer: (if applicable)

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



Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

Application details

Date of receipt of test item: June 27, 2025

Date of test: from June 30, 2025 to July 16, 2025

1.4 General information of Test item

Type of test item: Receiver Unit

Model no.: E01G

Multi-listing model no.: ./.

Brand name: ELECOM

Power supply: USB 5 Vd.c.

Technical data

Mode	Channel	Conducted Power (dBm)
2.4G	Low : 2405 MHz	-6.38
	Mid : 2430 MHz	-6.19
	High : 2470 MHz	-5.73

Type of antenna: PCB antenna

Antenna gain: 4.1 dBi

Operation modes: Duplex

Modulation type: GFSK

Sample no.: #01

1.5 Duty cycle and factor

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

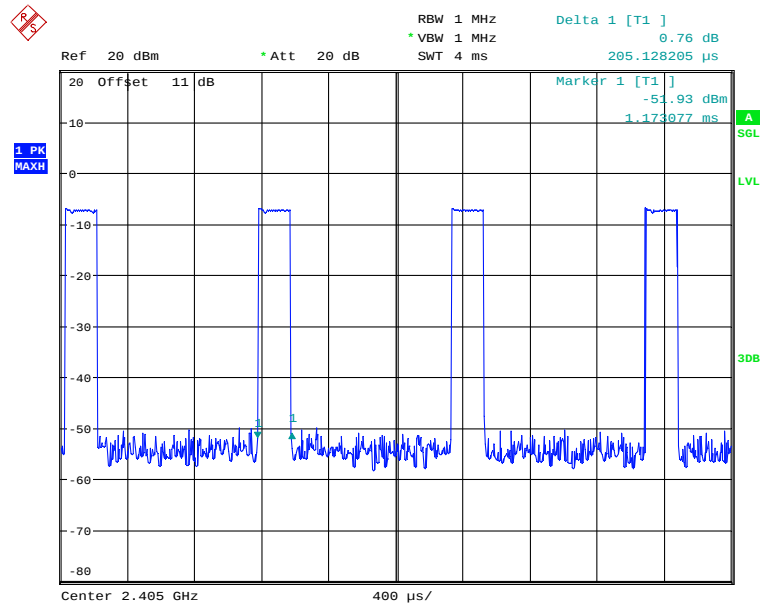
Mode	T _{on} (ms)	T _{on} +T _{off} (ms)	Duty cycle (%)	1/T - VBW (kHz)
2.4G	0.205	1.153	17.78%	4.88



Registration number: W6M22506-24501-C-1

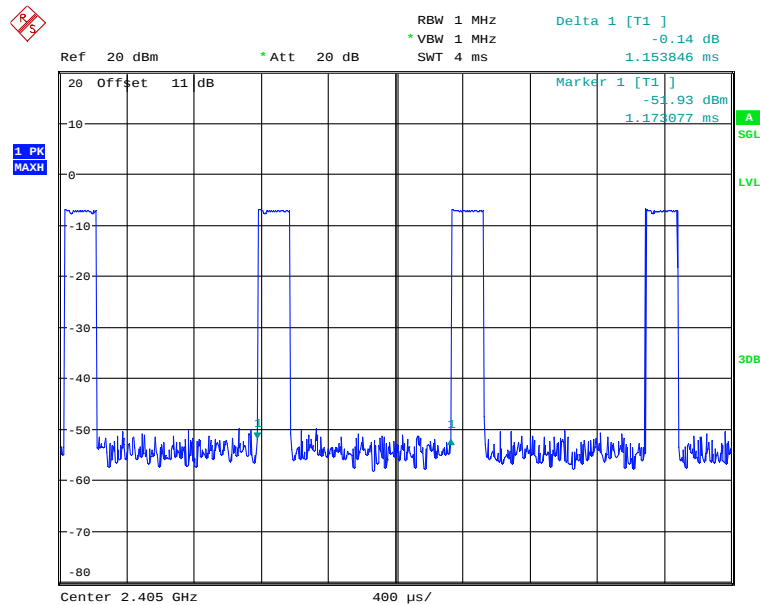
FCC ID: YWO-E01G

Duty cycle plot



DUTY

Date: 3. JUL. 2025 20:45:20



DUTY

Date: 3. JUL. 2025 20:45:36

1.6 Test standards

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



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2 Test configuration

2.1 Test environment

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Extreme conditions parameters: ./.

2.2 Measurement uncertainty

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Power Line Conducted Emission)	Expanded Uncertainty : AMN : 0.94 dB Voltage probe : 1.21 dB Include Pulse Limiter : 1.5 dB
Estimation Result of Uncertainty of Radiated Emission (3M-966A) (Spurious Emissions radiated – Transmitter operating)	Expanded Uncertainty : 0.009-30 MHz : 1.85 dB 30-1000 MHz : 3.92 dB 1-18 GHz : 3.19 dB 18-40 GHz : 1.90 dB
Estimation Result of Uncertainty of Bandwidth Measurement (Minimum 6 dB Bandwidth)	Expanded Uncertainty : 0.37 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement (Peak Output Power (transmitter))	Expanded Uncertainty : 1.63 dB
Estimation Result of Uncertainty of Power Density Measurement (Peak Power Spectral Density)	Expanded Uncertainty : 1.63 dB
Estimation Result of Uncertainty of Band Edge Measurement (Emissions in nonrestricted frequency bands)	Expanded Uncertainty : 0.63 dBc

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



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2.3 Test Equipment List

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

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

Spurious Emission(966A)

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2024/9/11	2025/9/10
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	2024/7/12	2025/7/11
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	2024/7/12	2025/7/11
ETSTW-Cable 084	SMA type cable (1m)	SF104-11SMA-1000	816477/4	HONOVA	2024/7/12	2025/7/11
ETSTW-Cable 089	SMA type cable (2m)	SF104-11SMA-2000	SN 811889/4	HUBER+SUHNER	2024/7/12	2025/7/11
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	2024/8/1	2025/7/31
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2024/9/13	2025/9/12
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2024/9/13	2025/9/12
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2024/9/13	2025/9/12

Conducted Emission

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2025/6/17	2026/6/16
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 016	TWO-LINE V- NETWORK	ENV216	100050	R&S	2024/10/22	2025/10/21
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-Cable 093	BNC Cable (3m)	EMCCFD-300 - BM-BM-3000	240109	EMCI	2024/11/7	2025/11/6
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	



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3 Test results (enclosure)

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

The following is intentionally left blank.



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FCC ID: YWO-E01G

3.1 Peak Output Power (transmitter)

3.1.1 Applicable Standard

FCC Rule: 15.247(b)(3)

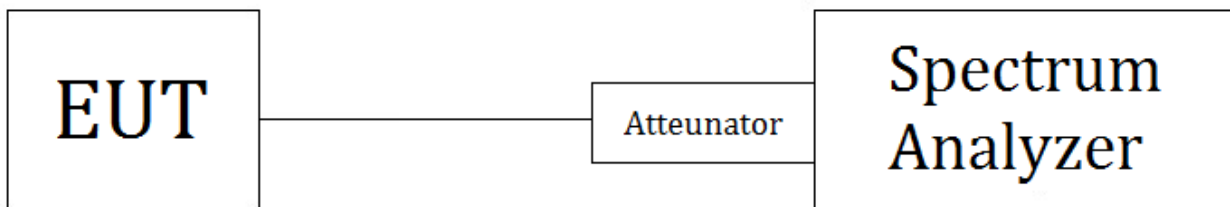
For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as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

3.1.2 Test procedure

Following Subclause 11.9.1.1 of ANSI C63.10

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

3.1.3 Test Setup



3.1.4 Limits

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

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



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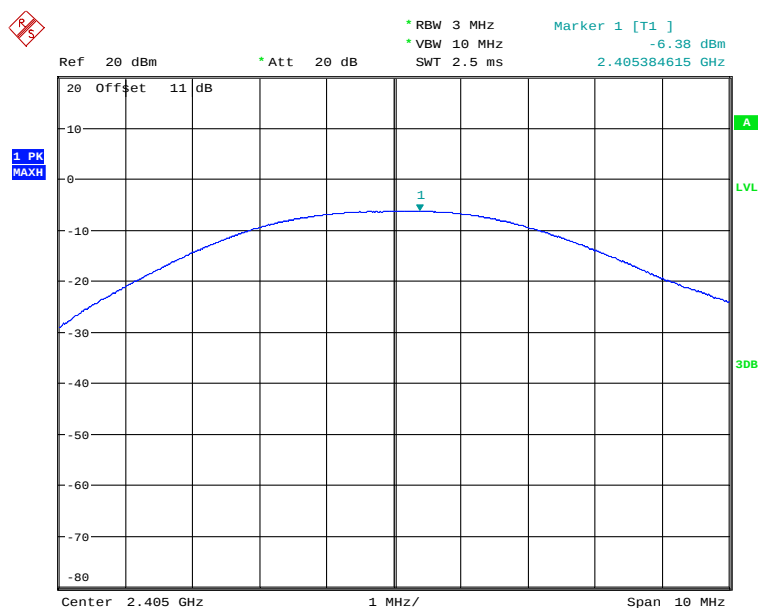
FCC ID: YWO-E01G

3.1.5 Test Environmental Conditions

Test date: 2025-07-03 Temperature: 30.1°C Humidity: 42% Tester: Kent

3.1.6 Test results

Band	Mode	Channel / Frequency	Power (dBm)	Limit (dBm)
2.4GHz	2.4G	Low : 2405 MHz	-6.38	30
		Mid : 2430 MHz	-6.19	30
		High : 2470 MHz	-5.73	30

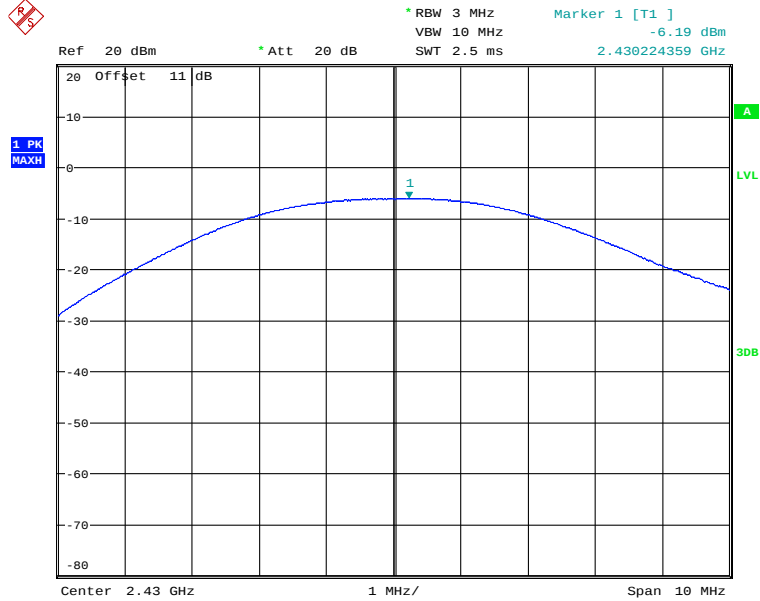


MAX OUTPUT POWER 2405MHZ
Date: 3. JUL. 2025 20:52:34

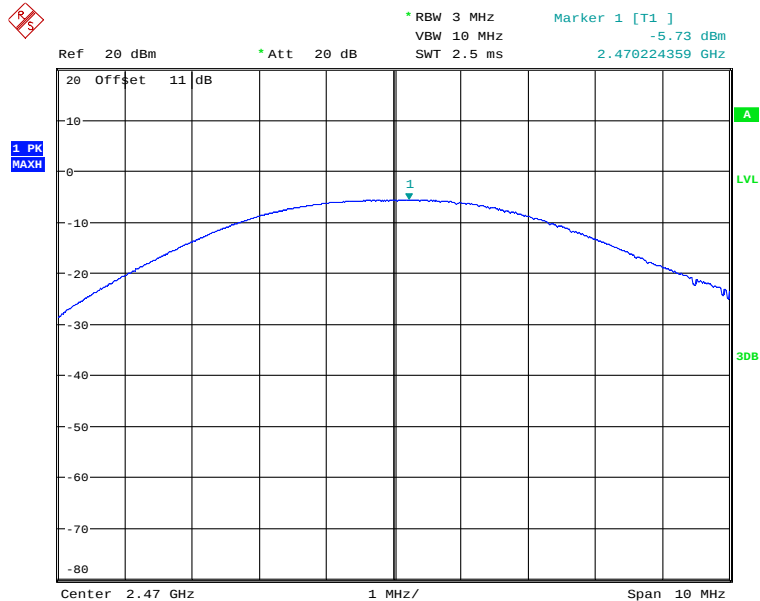


Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G



MAX OUTPUT POWER 2430MHz
Date: 3.JUL.2025 20:29:57



MAX OUTPUT POWER 2470MHz
Date: 3.JUL.2025 20:31:01



Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

3.2 Spurious Emissions radiated – Transmitter operating

3.2.1 Applicable Standard

FCC Rules: 15.247 (d), 15.205, 15.209

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

3.2.2 Test procedure

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

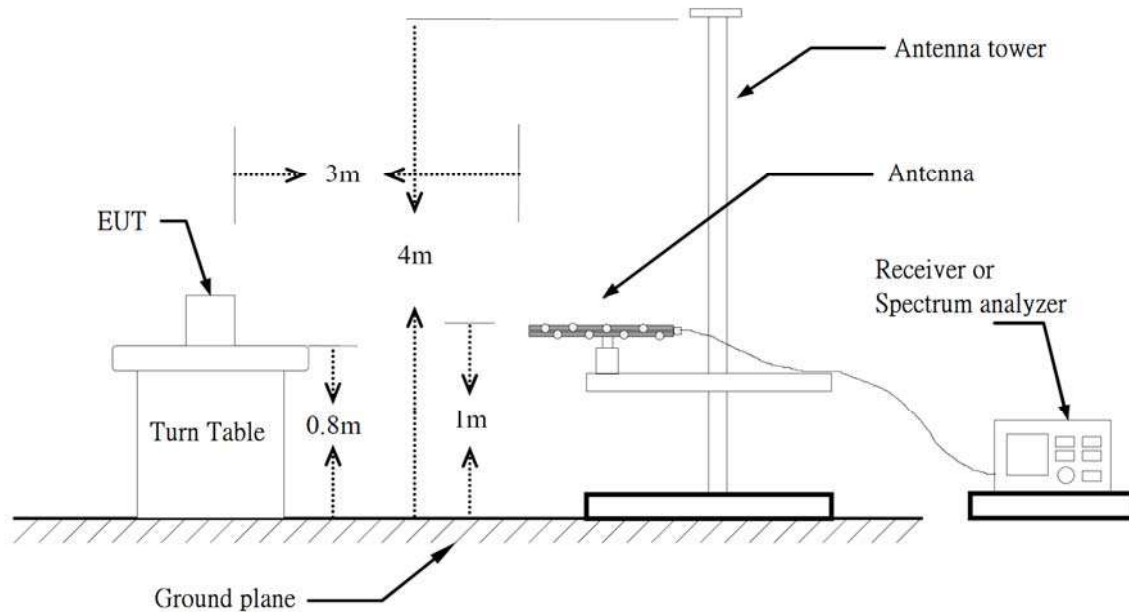
3.2.3 Limits

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

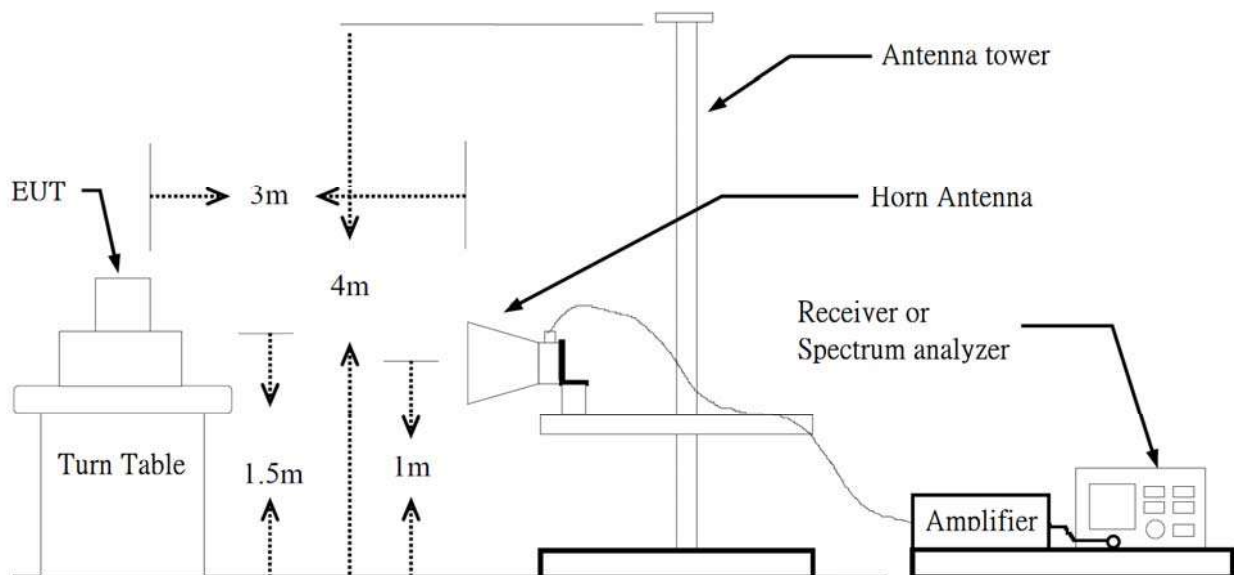
Registration number: W6M22506-24501-C-1

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3.2.4 Test Setup



Below 1 GHz



Above 1 GHz

3.2.5 Test results (With Environmental Conditions)

Explanation: See attached diagrams in Appendix.



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3.3 Emissions in nonrestricted frequency bands

3.3.1 Applicable Standard

FCC Rules: 15.247(d)

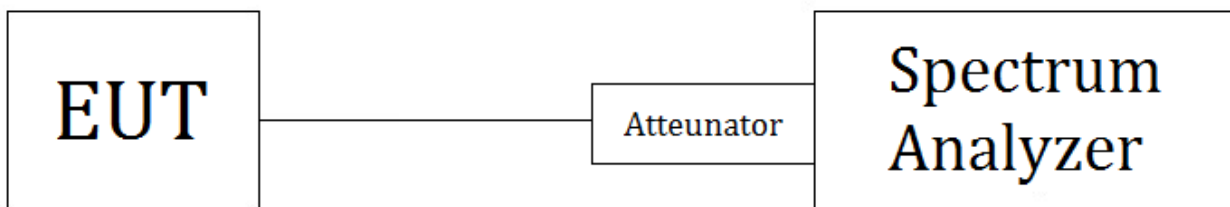
In any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based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

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

3.3.2 Test procedure

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

3.3.3 Test setup



3.3.4 Limits

See 3.3.1

3.3.5 Test Environmental Conditions

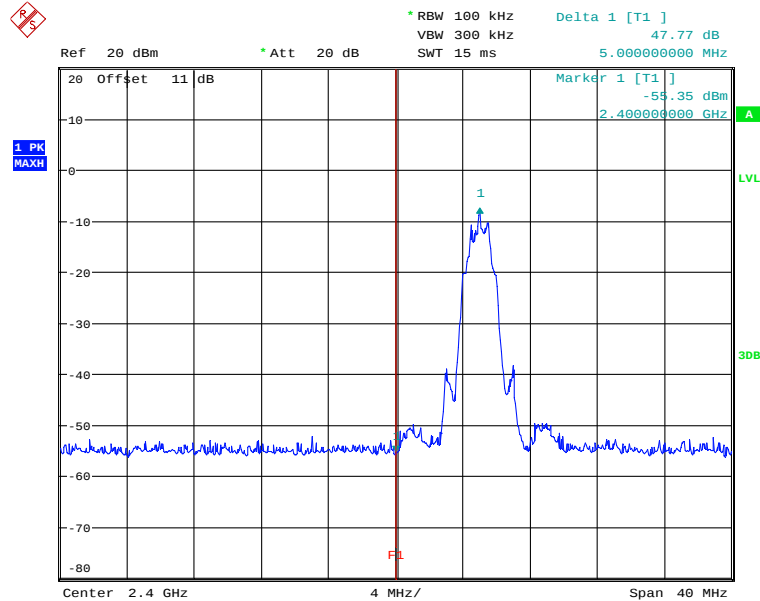
Test date: 2025-07-03 Temperature: 30.1°C Humidity: 42% Tester: Kent



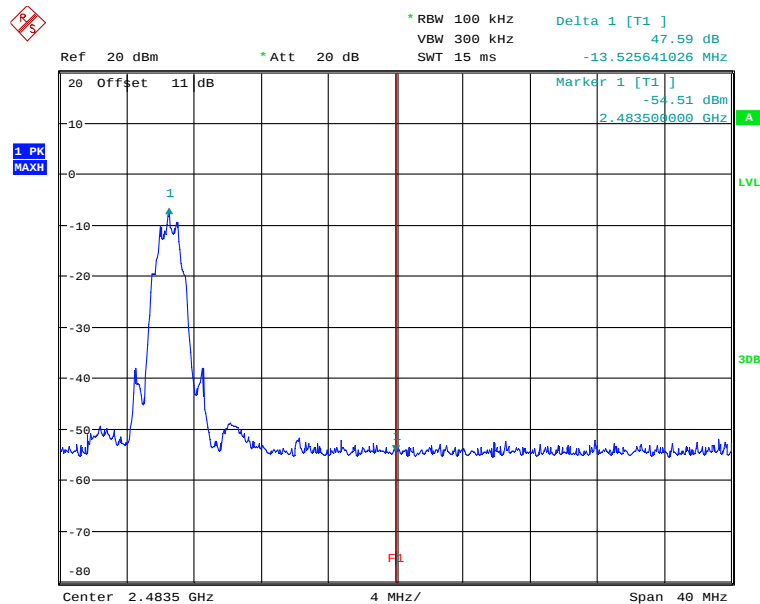
Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

3.3.6 Test results



BANDEDGE 2405MHz
Date: 3.JUL.2025 20:43:05



BANDEDGE 2470MHz
Date: 3.JUL.2025 20:42:09



Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

3.4 Minimum 6 dB Bandwidth

3.4.1 Applicable Standard

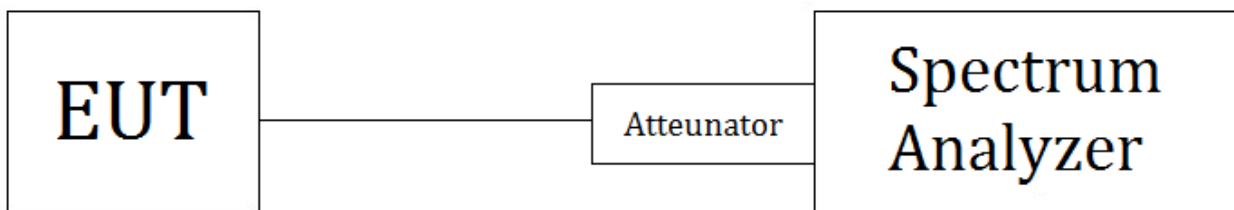
FCC Rules: 15.247(a)(2)

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

3.4.2 Test procedure

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

3.4.3 Test setup



3.4.4 Limits

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

3.4.5 Test Environmental Conditions

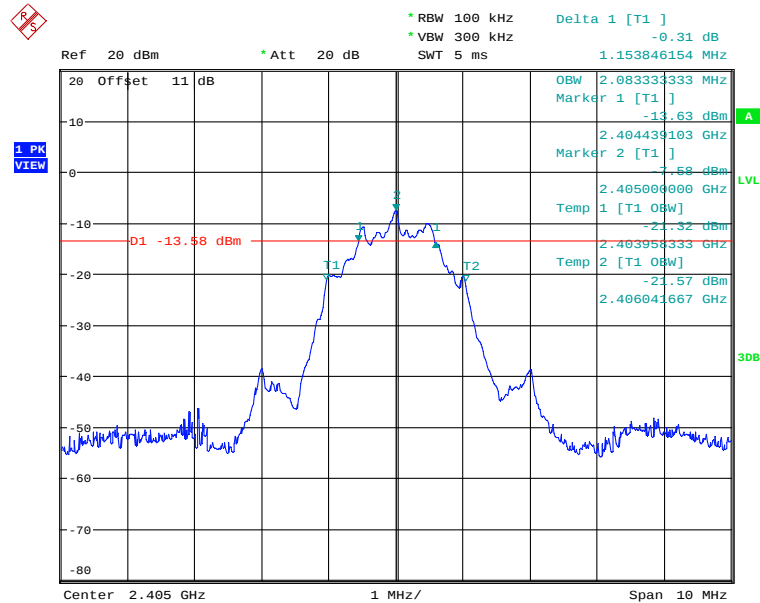
Test date: 2025-07-03 Temperature: 30.1°C Humidity: 42% Tester: Kent



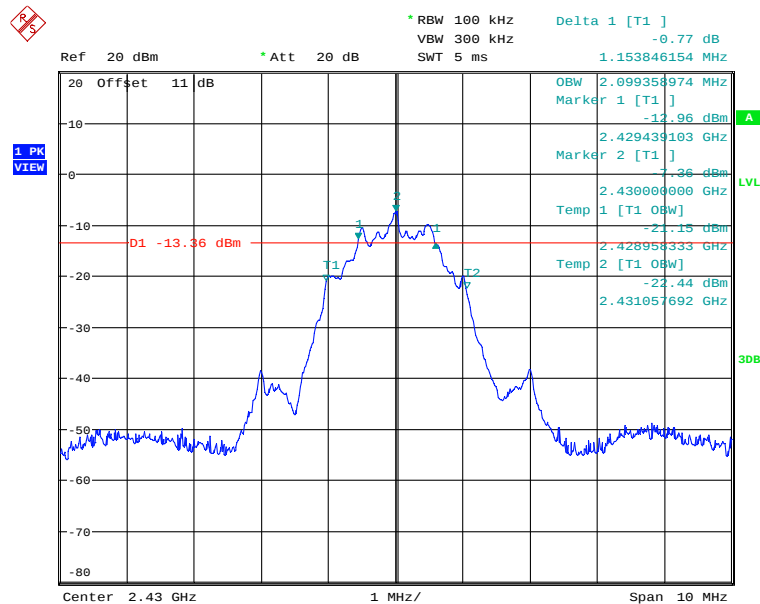
Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

3.4.6 Test results



6DB BANDWIDTH 2405MHz
Date: 3.JUL.2025 21:00:58

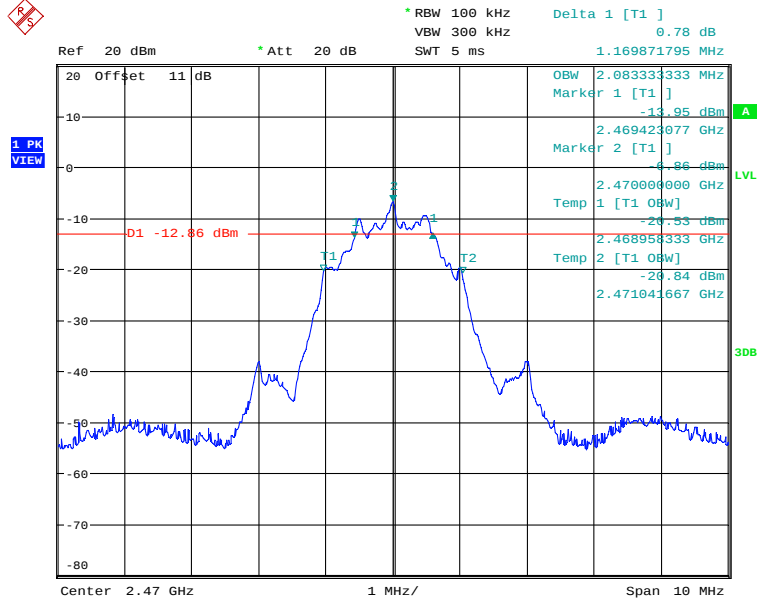


6DB BANDWIDTH 2430MHz
Date: 3.JUL.2025 20:35:25



Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G



6DB BANDWIDTH 2470MHz

Date: 3.JUL.2025 20:37:12



Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

3.5 Peak Power Spectral Density

3.5.1 Applicable Standard

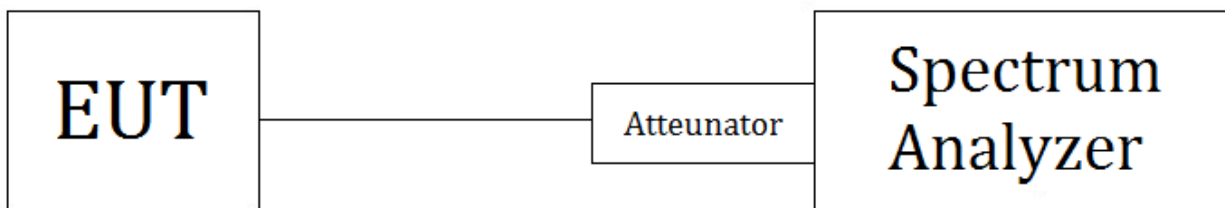
FCC Rules: 15.247(e)

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

3.5.2 Test procedure

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

3.5.3 Test setup



3.5.4 Limits

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

3.5.5 Test Environmental Conditions

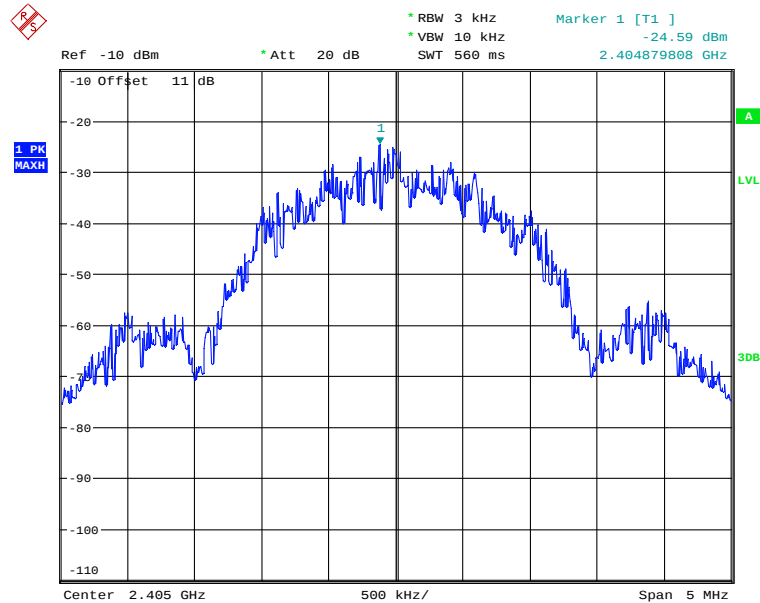
Test date: 2025-07-03 Temperature: 30.1°C Humidity: 42% Tester: Kent



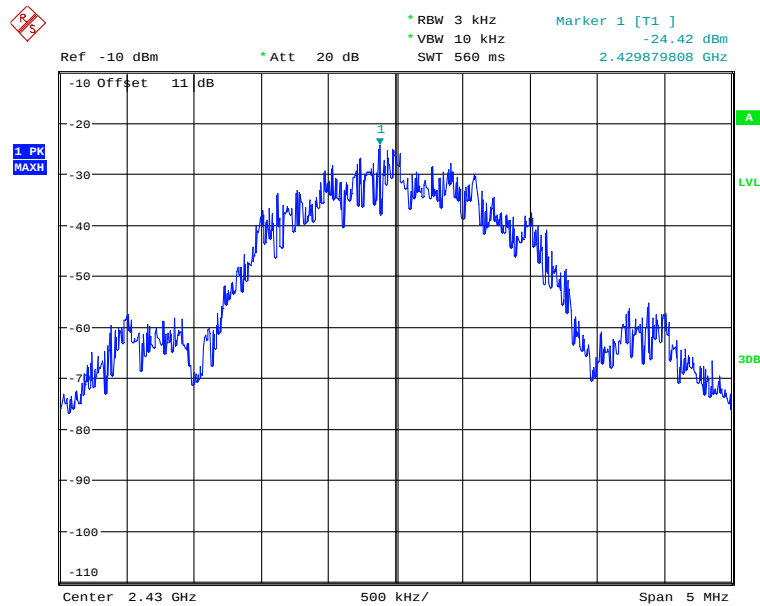
Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

3.5.6 Test results



POWER DENSITY 2405MHz
Date: 3.JUL.2025 20:47:38

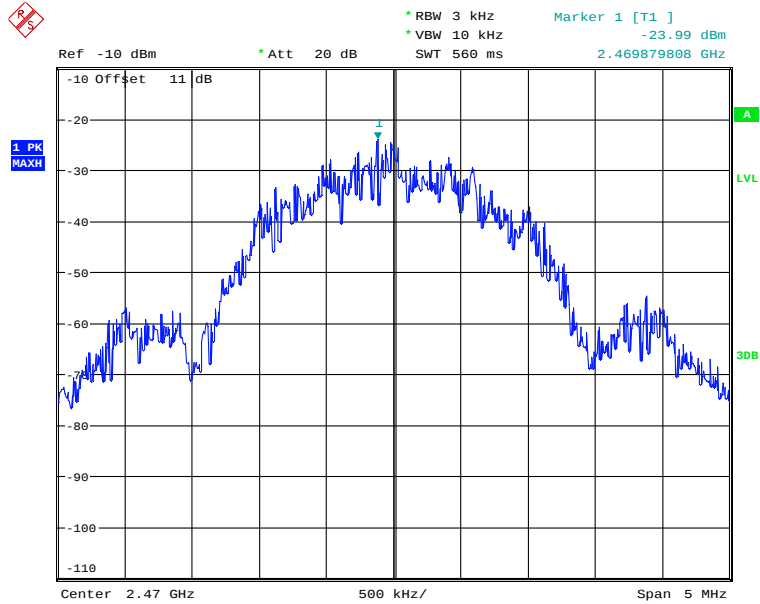


POWER DENSITY 2430MHz
Date: 3.JUL.2025 20:48:14



Registration number: W6M22506-24501-C-1

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POWER DENSITY 2470MHZ

Date: 3.JUL.2025 20:48:46

Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

3.6 Power Line Conducted Emission

3.6.1 Applicable Standard

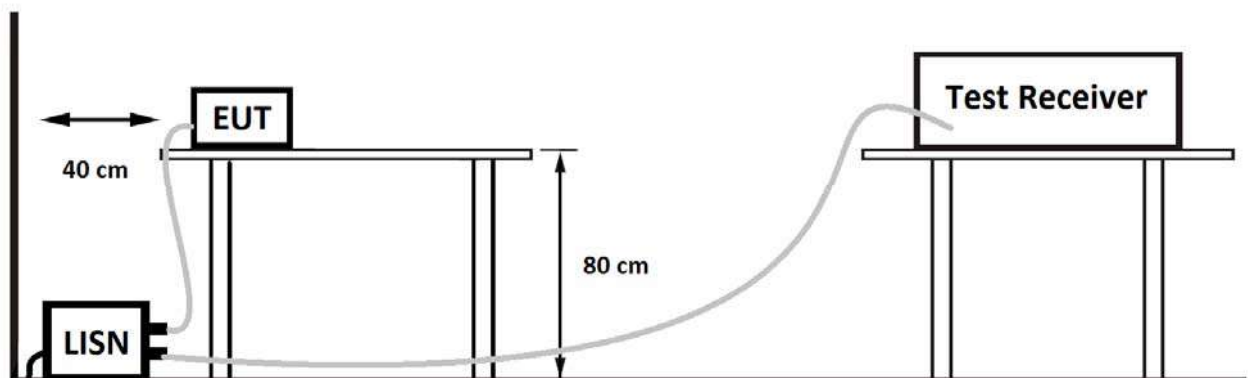
FCC Rules:15.207(a)

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

3.6.2 Test procedure

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

3.6.3 Test setup



3.6.4 Limits

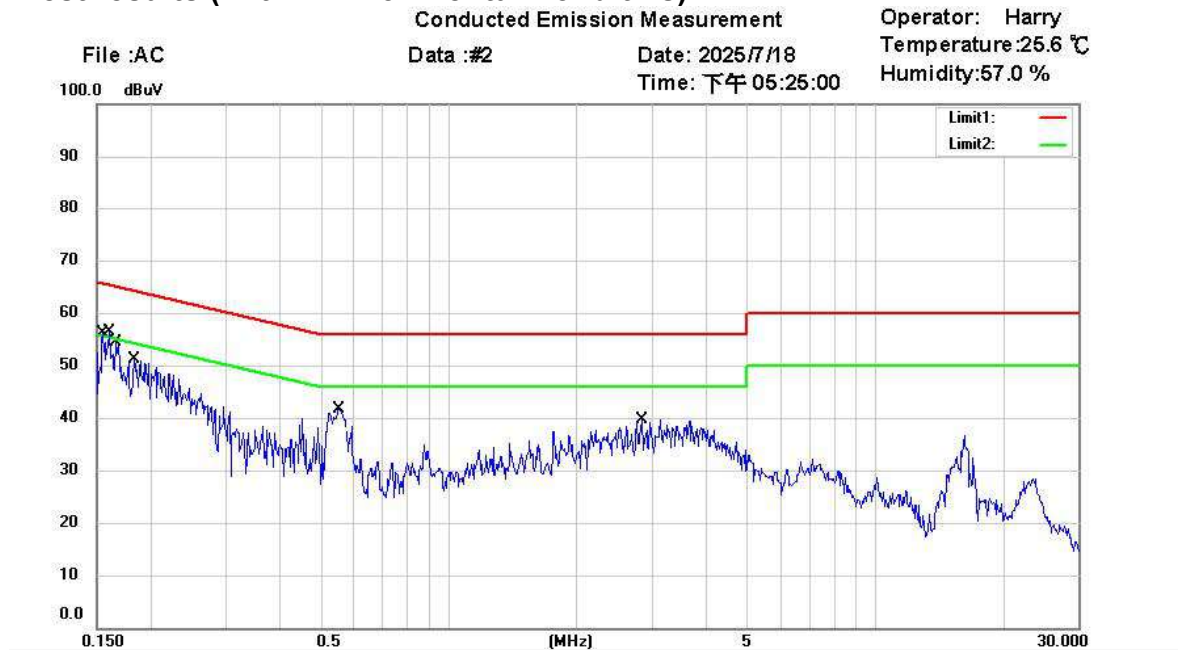
Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50



Registration number: W6M22506-24501-C-1

FCC ID: YWO-E01G

3.6.5 Test results (With Environmental Conditions)



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M22506-24501

M/N:

Test Mode : Mode 1

Note :

Phase: N

Power : 5 Vd.c.(USB)

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1547	42.76	QP	9.59	52.35	65.74	-13.39	
	0.1547	27.95	AVG	9.59	37.54	55.74	-18.20	
	0.1593	42.16	QP	9.59	51.75	65.50	-13.75	
	0.1593	27.67	AVG	9.59	37.26	55.50	-18.24	
	0.1658	40.52	QP	9.59	50.11	65.17	-15.06	
	0.1658	20.04	AVG	9.59	29.63	55.17	-25.54	
	0.1827	36.22	QP	9.60	45.82	64.36	-18.54	
	0.1827	24.67	AVG	9.60	34.27	54.36	-20.09	
	0.5495	29.51	QP	9.74	39.25	56.00	-16.75	
	0.5495	20.97	AVG	9.74	30.71	46.00	-15.29	
	2.8265	23.13	QP	9.92	33.05	56.00	-22.95	
	2.8265	15.61	AVG	9.92	25.53	46.00	-20.47	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22506-24501-C-1
FCC ID: YWO-E01G

Conducted Emission Measurement

Operator: Harry

Data :#1

Date: 2025/7/18

Temperature:25.6 °C

Time: 下午 05:22:57

Humidity:57.0 %



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M22506-24501

Power : 5 Vd.c.(USB)

M/N:

Test Mode : Mode 1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1516	43.84	QP	9.59	53.43	65.91	-12.48	
	0.1516	26.23	AVG	9.59	35.82	55.91	-20.09	
	0.1565	43.36	QP	9.59	52.95	65.65	-12.70	
	0.1565	26.95	AVG	9.59	36.54	55.65	-19.11	
	0.1630	41.59	QP	9.59	51.18	65.31	-14.13	
	0.1630	25.15	AVG	9.59	34.74	55.31	-20.57	
*	0.1690	43.93	QP	9.59	53.52	65.01	-11.49	
	0.1690	23.19	AVG	9.59	32.78	55.01	-22.23	
	0.1804	35.58	QP	9.60	45.18	64.47	-19.29	
	0.1804	20.41	AVG	9.60	30.01	54.47	-24.46	
	0.1922	35.16	QP	9.60	44.76	63.94	-19.18	
	0.1922	21.03	AVG	9.60	30.63	53.94	-23.31	
	0.2031	35.60	QP	9.60	45.20	63.48	-18.28	
	0.2031	16.12	AVG	9.60	25.72	53.48	-27.76	
	0.2160	34.24	QP	9.61	43.85	62.97	-19.12	
	0.2160	13.34	AVG	9.61	22.95	52.97	-30.02	



Registration number: W6M22506-24501-C-1
FCC ID: YWO-E01G

Appendix

Measurement diagrams

Radiated Emission



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

Radiated Emission Measurement

Operator: Echo

File :1_2

Data :#1

Date: 2025/7/3

Temperature:19.9 °C

80.0 dBuV/m

Time: 上午 07:25:31

Humidity:58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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
	113.4200	49.43	peak	-15.59	33.84	43.50	100	224	-9.66	
*	218.1800	58.46	peak	-15.88	42.58	46.00	100	287	-3.42	

*: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 : 1_2

Data : #2

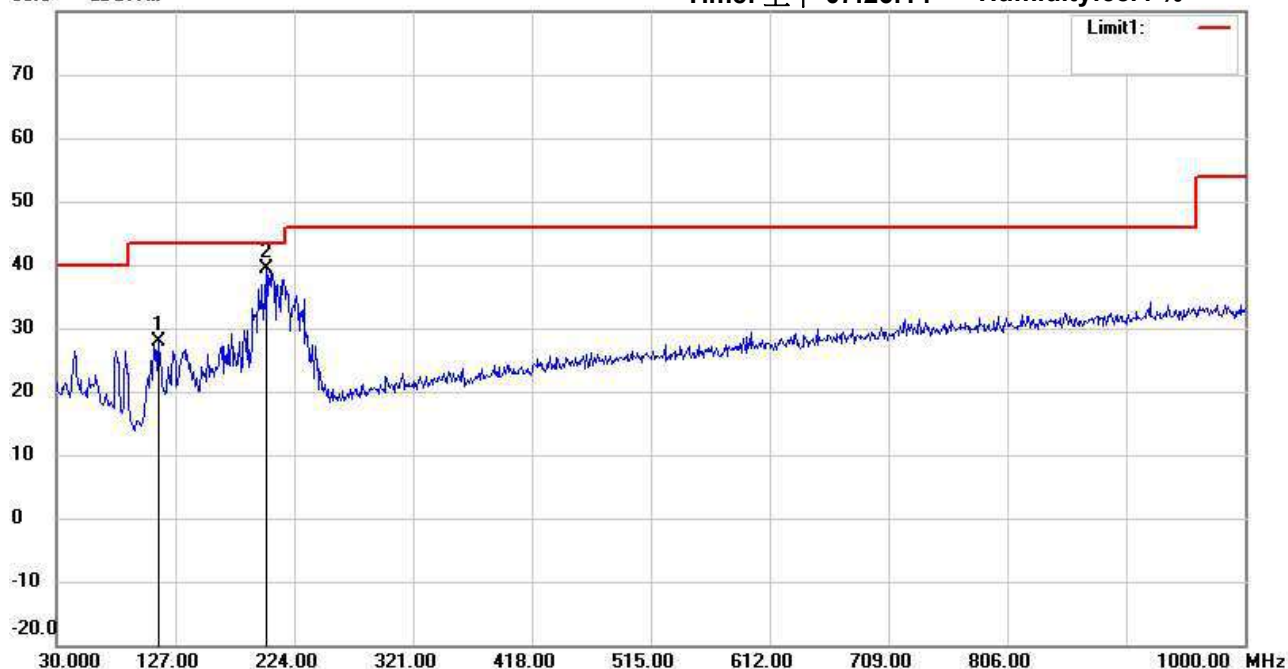
Date: 2025/7/3

Temperature: 19.9 °C

80.0 dBuV/m

Time: 上午 07:26:14

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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
	113.4200	43.44	peak	-15.59	27.85	43.50	100	214	-15.65	
*	200.7200	55.10	peak	-15.76	39.34	43.50	100	236	-4.16	

*: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

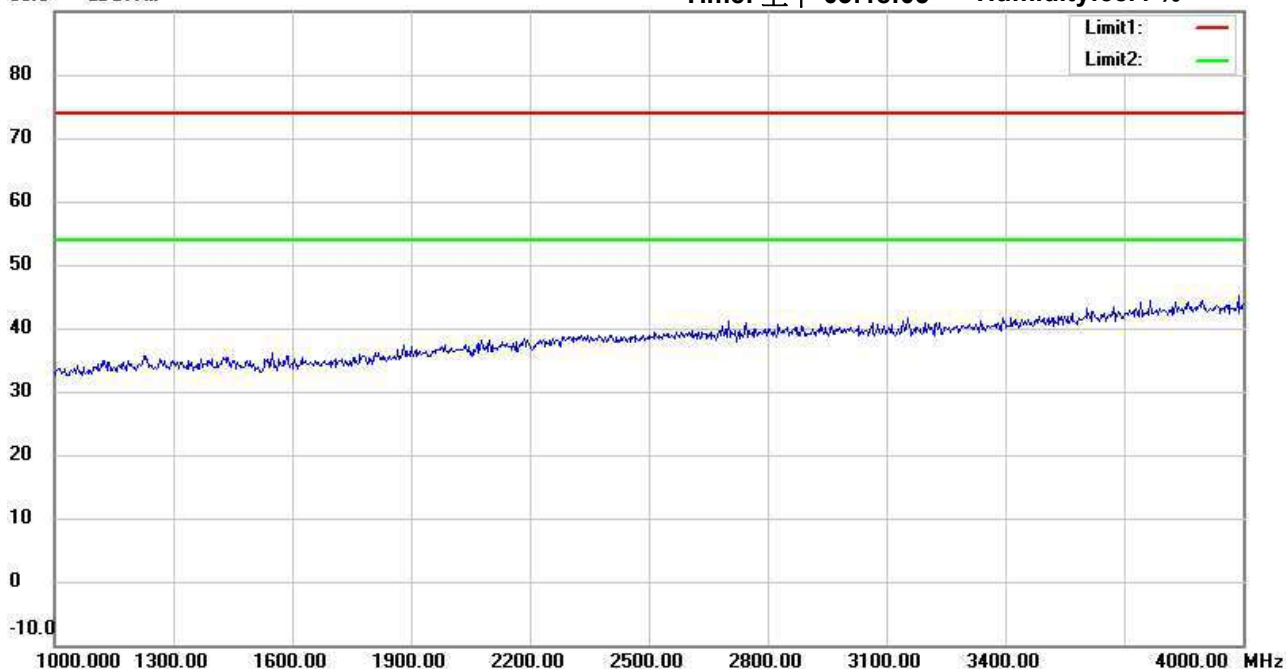
Date: 2025/7/3

Temperature:19.9 °C

90.0 dBuV/m

Time: 上午 03:18:05

Humidity:58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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: Echo

File :3

Data :#6

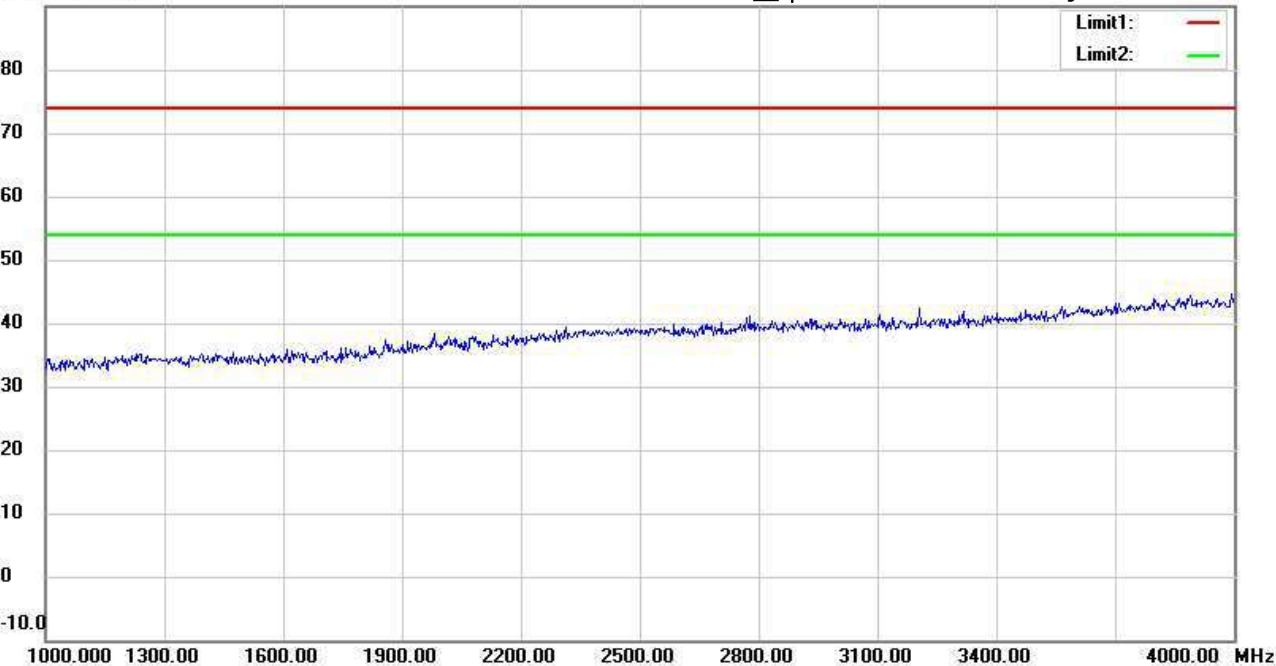
Date: 2025/7/3

Temperature:19.9 °C

90.0 dBuV/m

Time: 上午 03:20:47

Humidity:58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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: Echo

File : 3

Data : #2

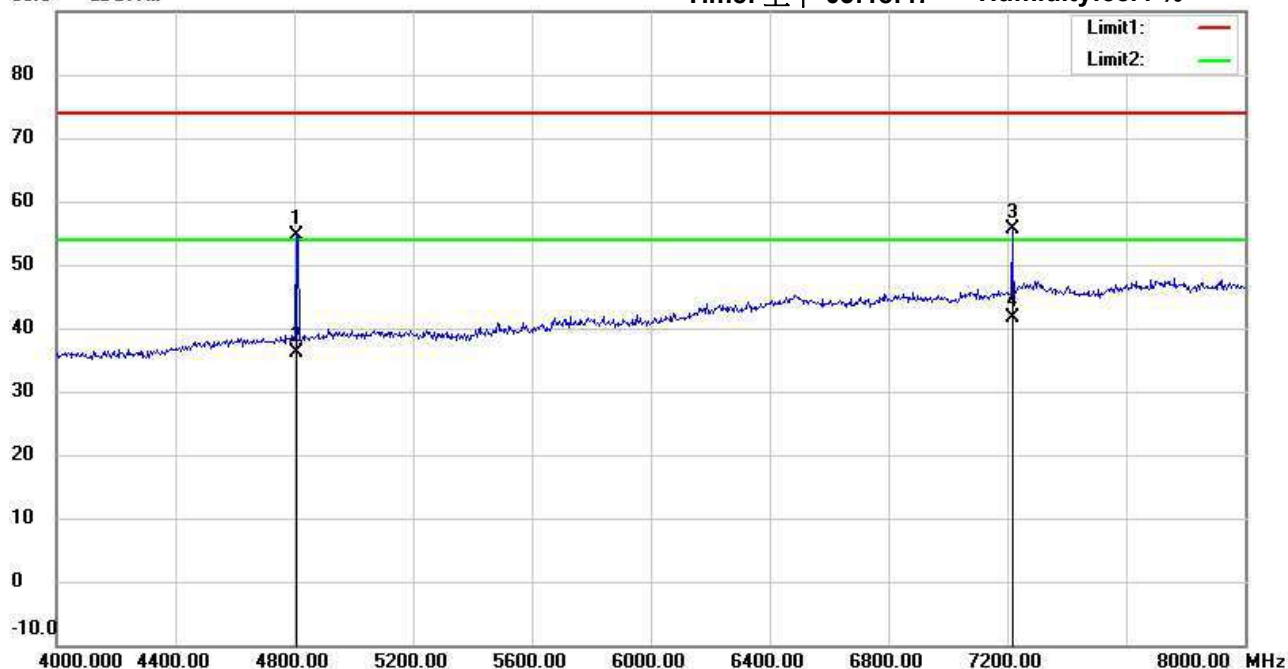
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:18:47

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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
	4808.000	49.49	peak	5.14	54.63	74.00	150	175	-19.37	
	4808.000	30.96	AVG	5.14	36.10	54.00	150	175	-17.90	
	7216.000	43.73	peak	11.99	55.72	74.00	150	145	-18.28	
*	7216.000	29.76	AVG	11.99	41.75	54.00	150	145	-12.25	

*: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 : 3

Data : #7

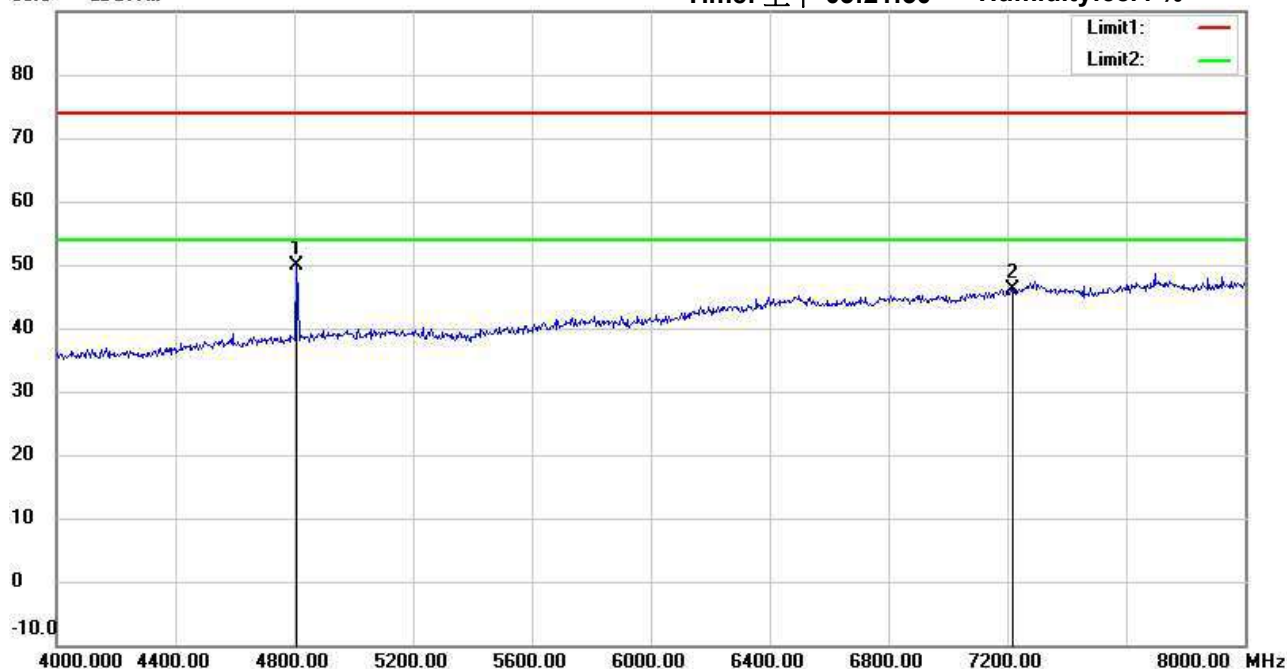
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:21:30

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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
*	4808.000	44.65	peak	5.14	49.79	74.00	150	338	-24.21	
	7215.000	34.03	peak	11.98	46.01	74.00	150	128	-27.99	

*: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

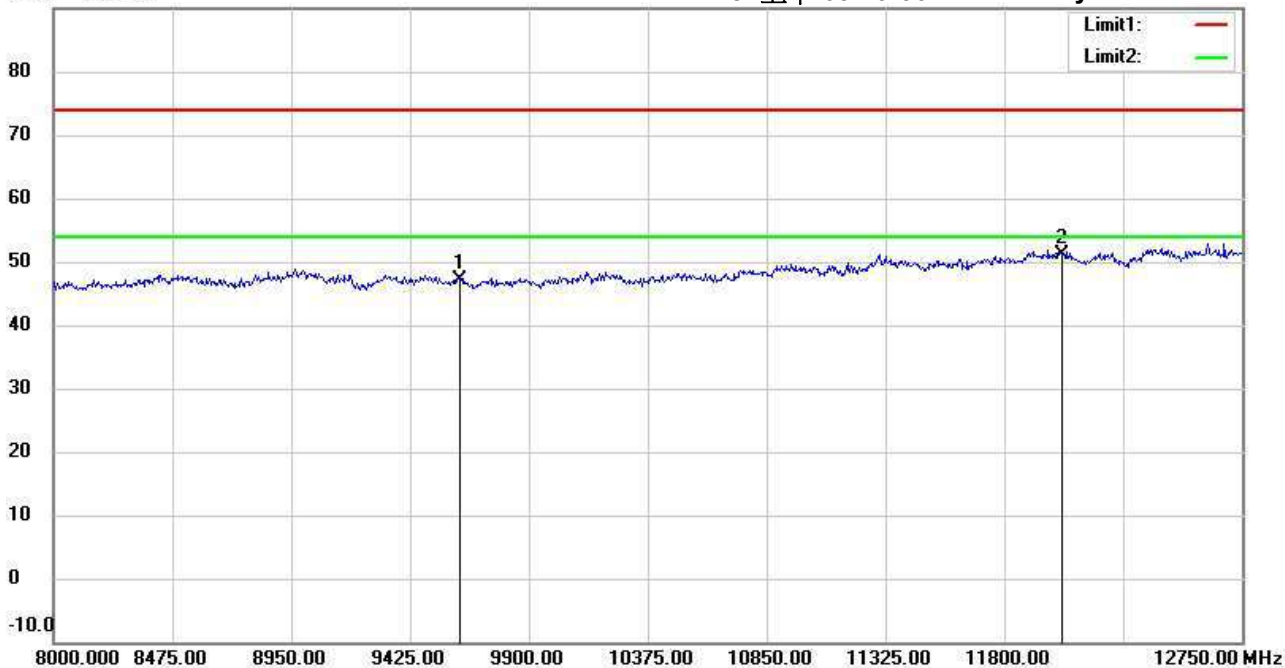
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:19:36

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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
	9620.000	33.49	peak	13.54	47.03	74.00	150	310	-26.97	
*	12025.000	33.61	peak	17.50	51.11	74.00	150	130	-22.89	

*: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: Echo

File : 3

Data : #8

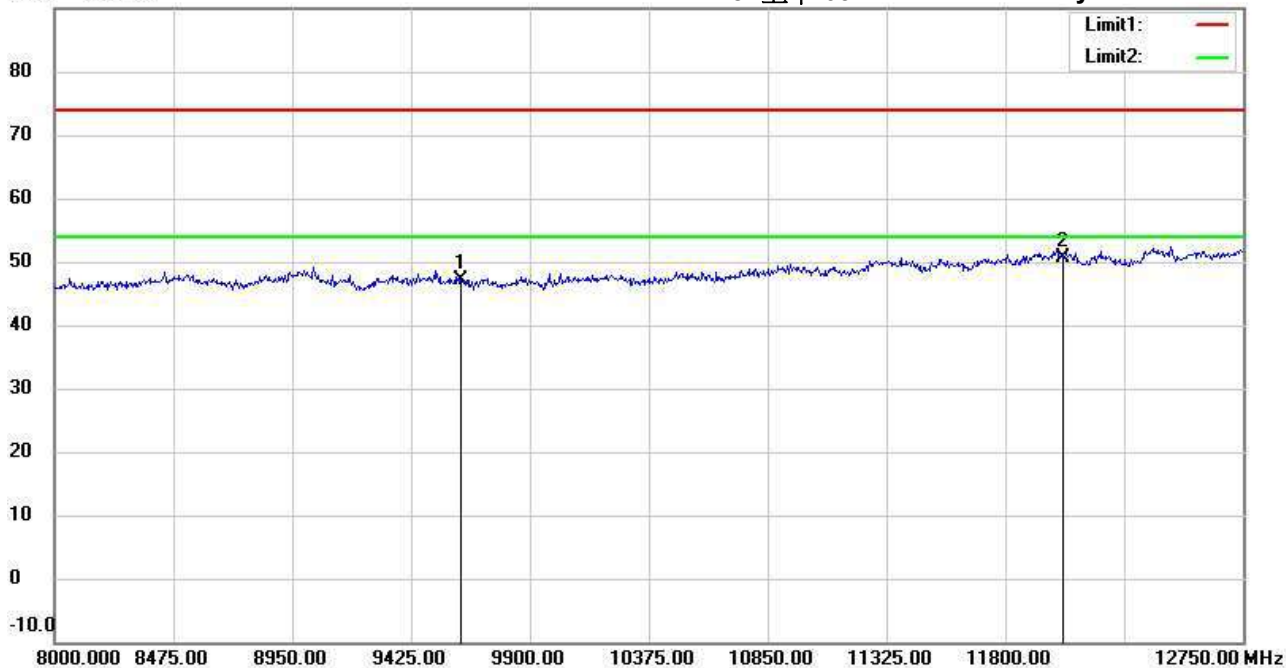
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:22:11

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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
	9620.000	33.53	peak	13.54	47.07	74.00	150	279	-26.93	
*	12025.000	33.19	peak	17.50	50.69	74.00	150	148	-23.31	

*: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

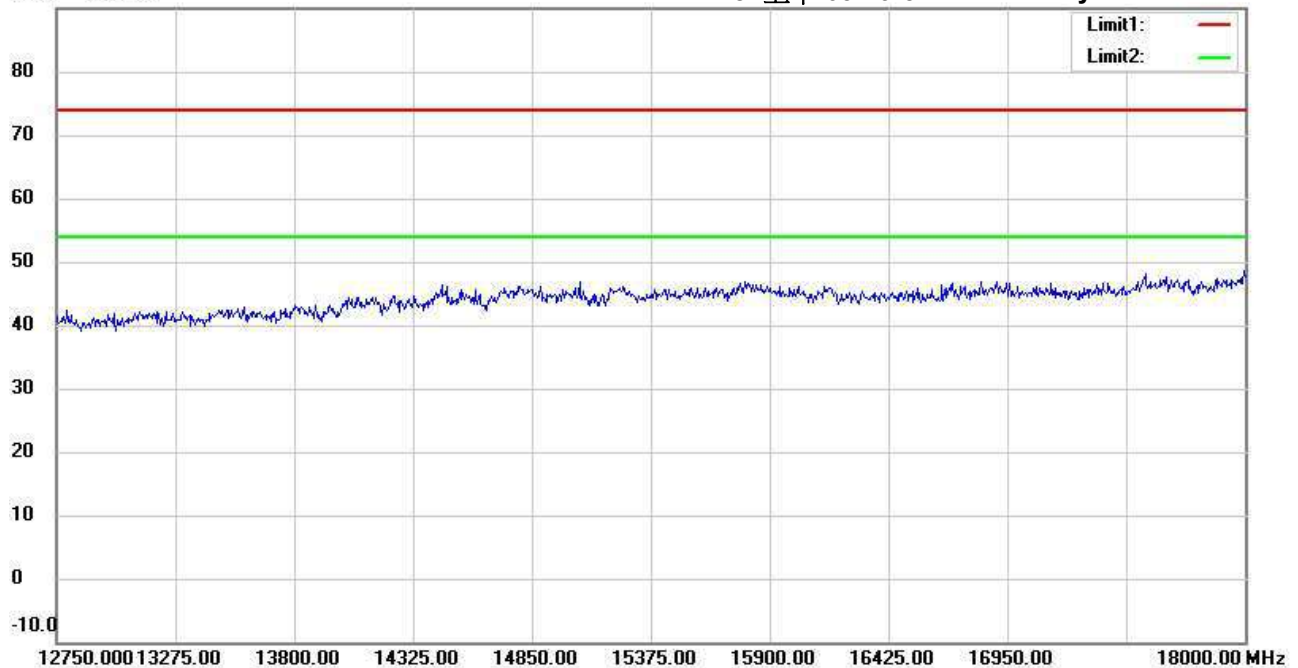
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:19:52

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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: Echo

File :3

Data :#9

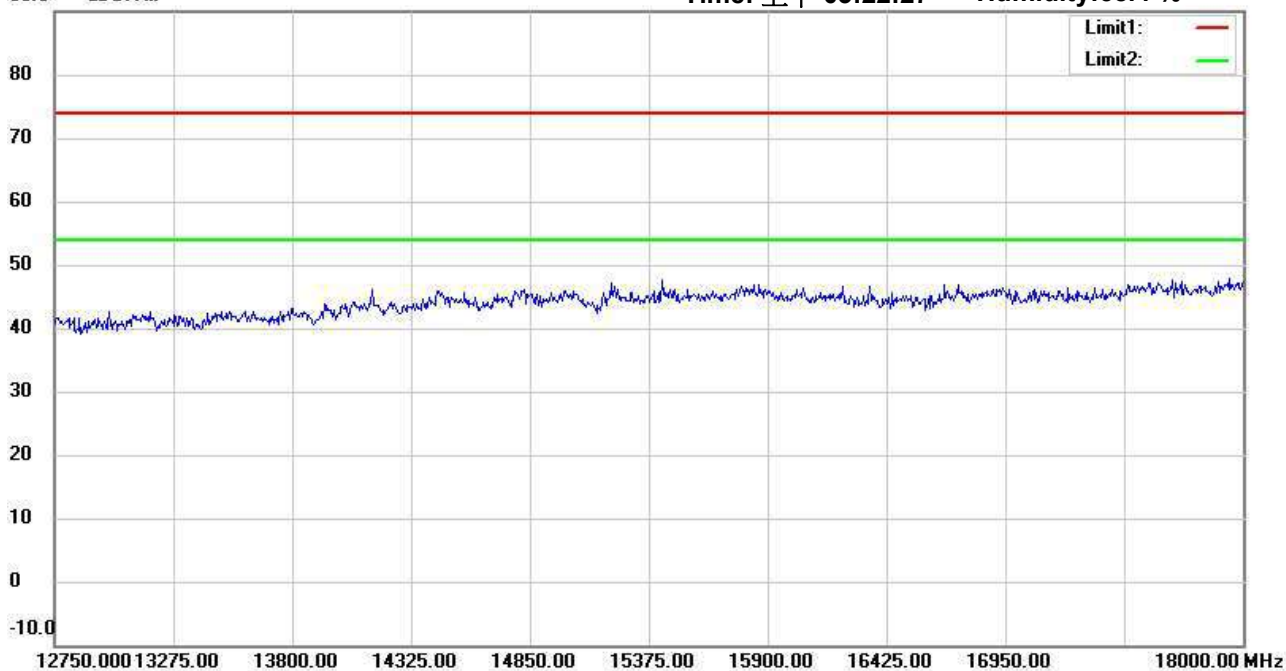
Date: 2025/7/3

Temperature:19.9 °C

90.0 dBuV/m

Time: 上午 03:22:27

Humidity:58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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: Echo

File : 3

Data : #5

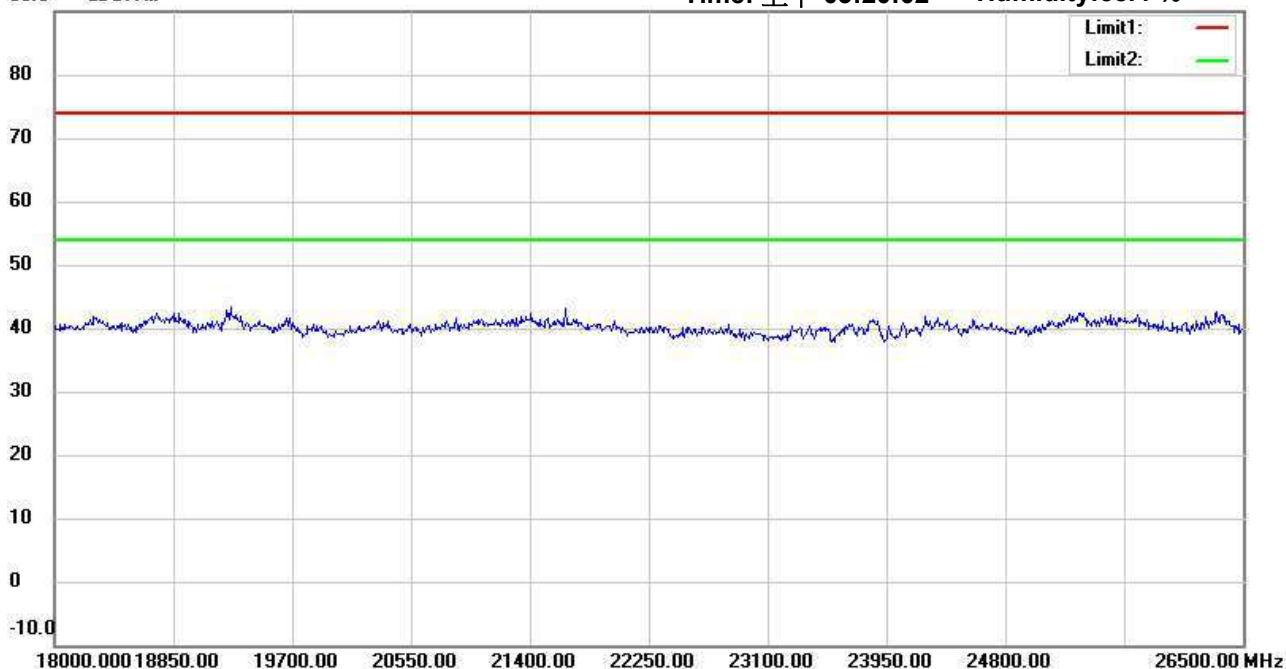
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:20:02

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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: Echo

File : 3

Data : #10

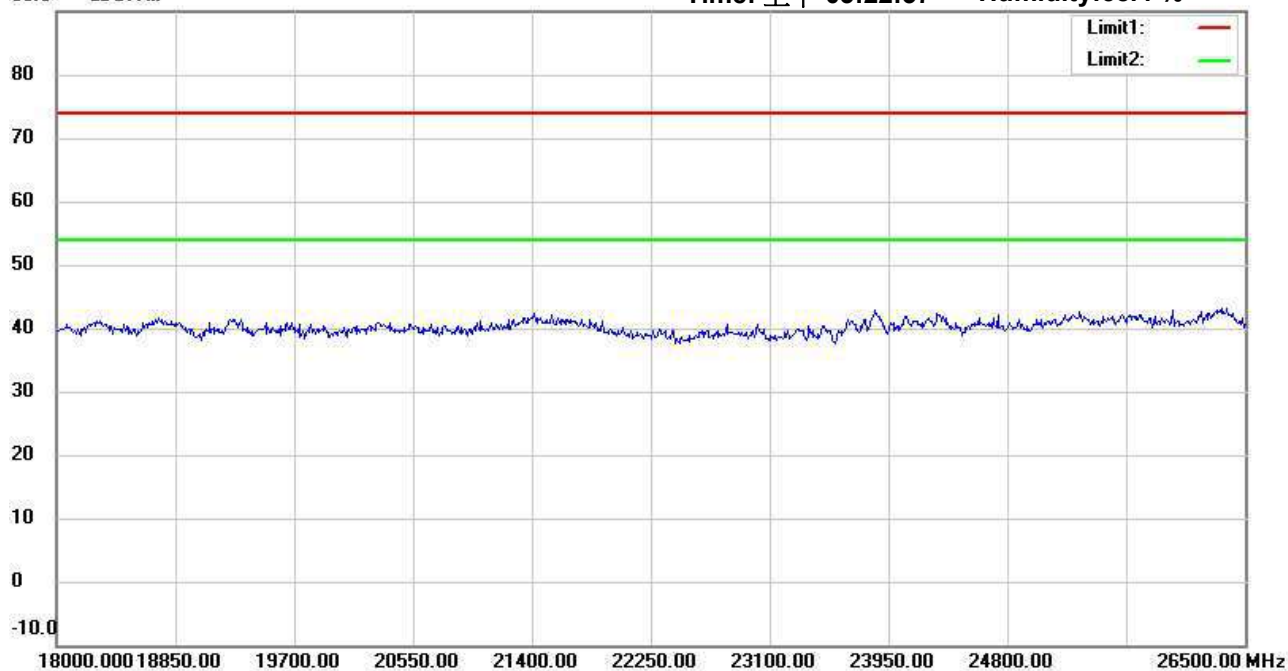
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:22:37

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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: Echo

File :3

Data :#1

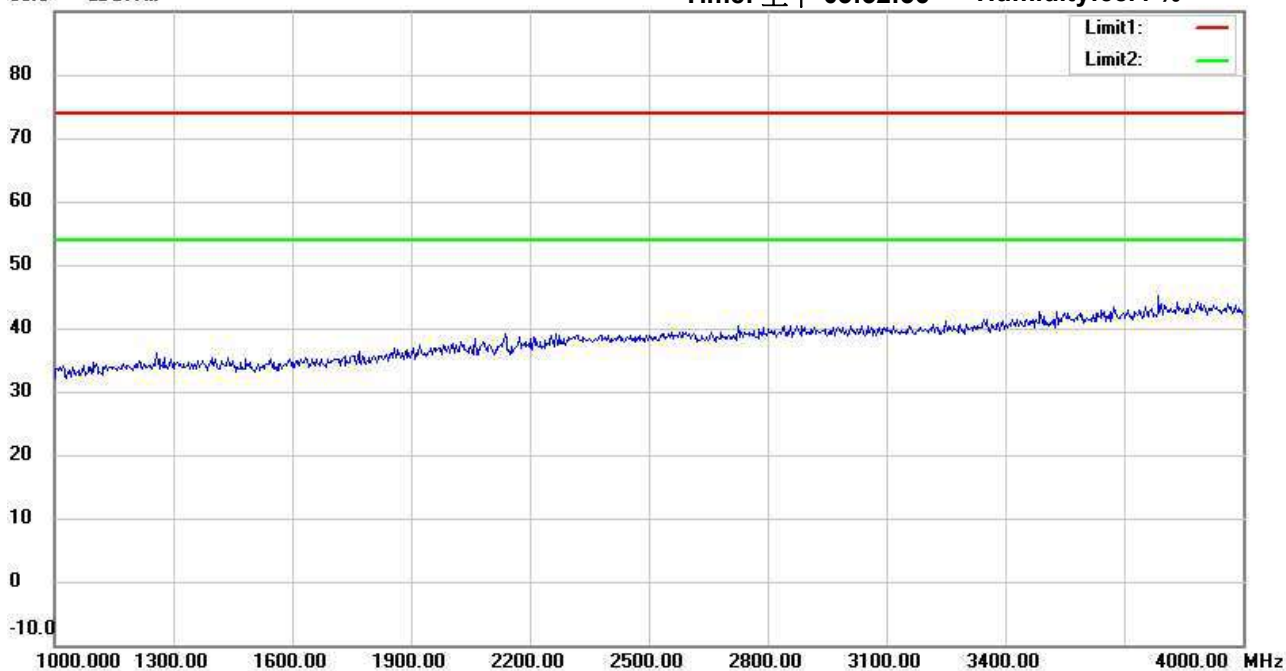
Date: 2025/7/3

Temperature:19.9 °C

90.0 dBuV/m

Time: 上午 03:32:36

Humidity:58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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: Echo

File : 3

Data : #6

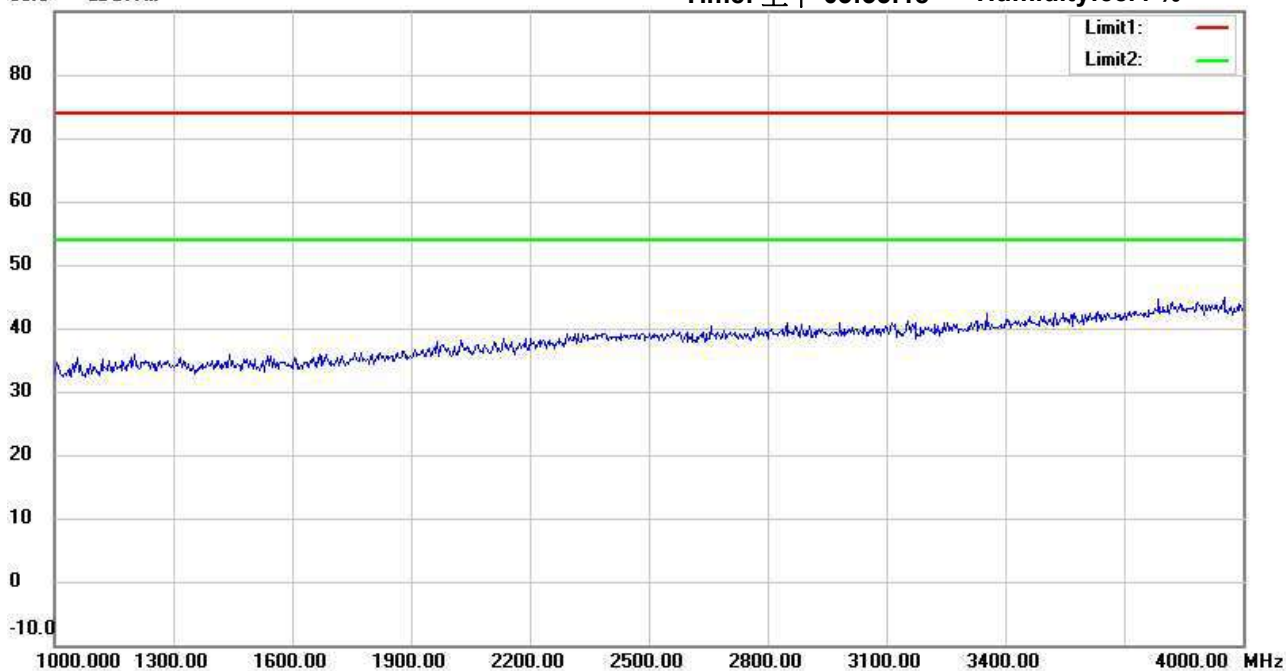
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:35:18

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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: Echo

File : 3

Data : #2

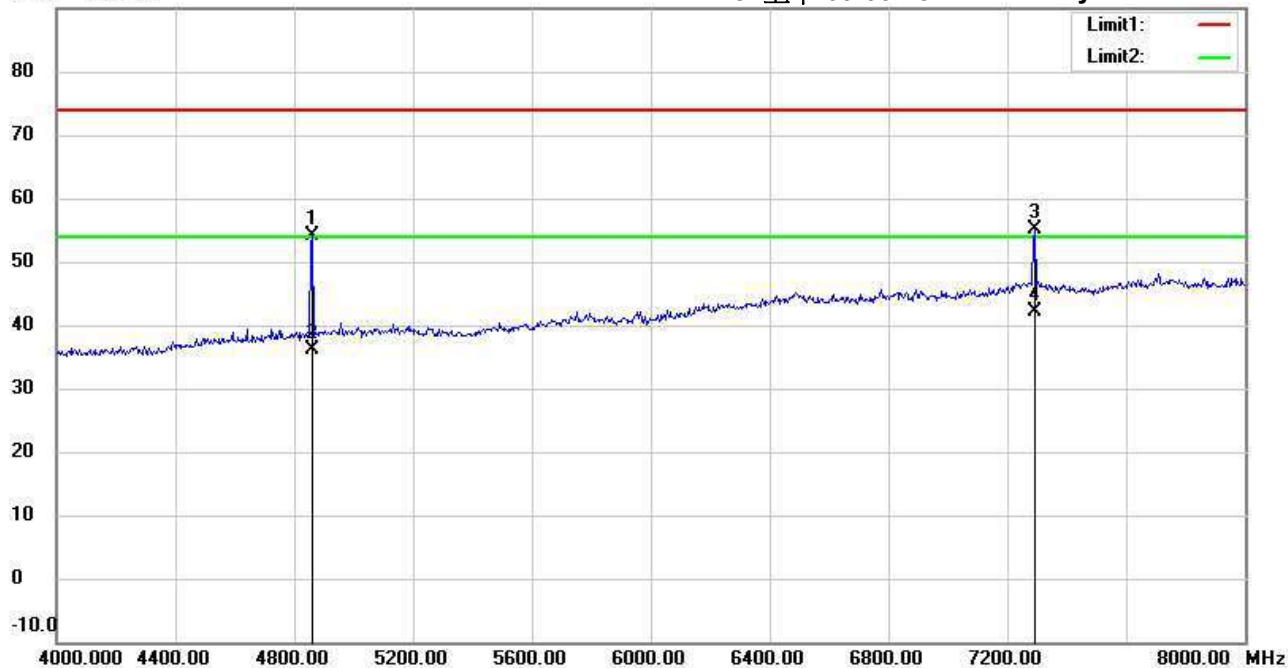
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:33:18

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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
	4860.000	48.68	peak	5.36	54.04	74.00	150	180	-19.96	
	4860.000	30.86	AVG	5.36	36.22	54.00	150	180	-17.78	
	7292.000	42.49	peak	12.65	55.14	74.00	150	180	-18.86	
*	7292.000	29.59	AVG	12.65	42.24	54.00	150	180	-11.76	

*: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

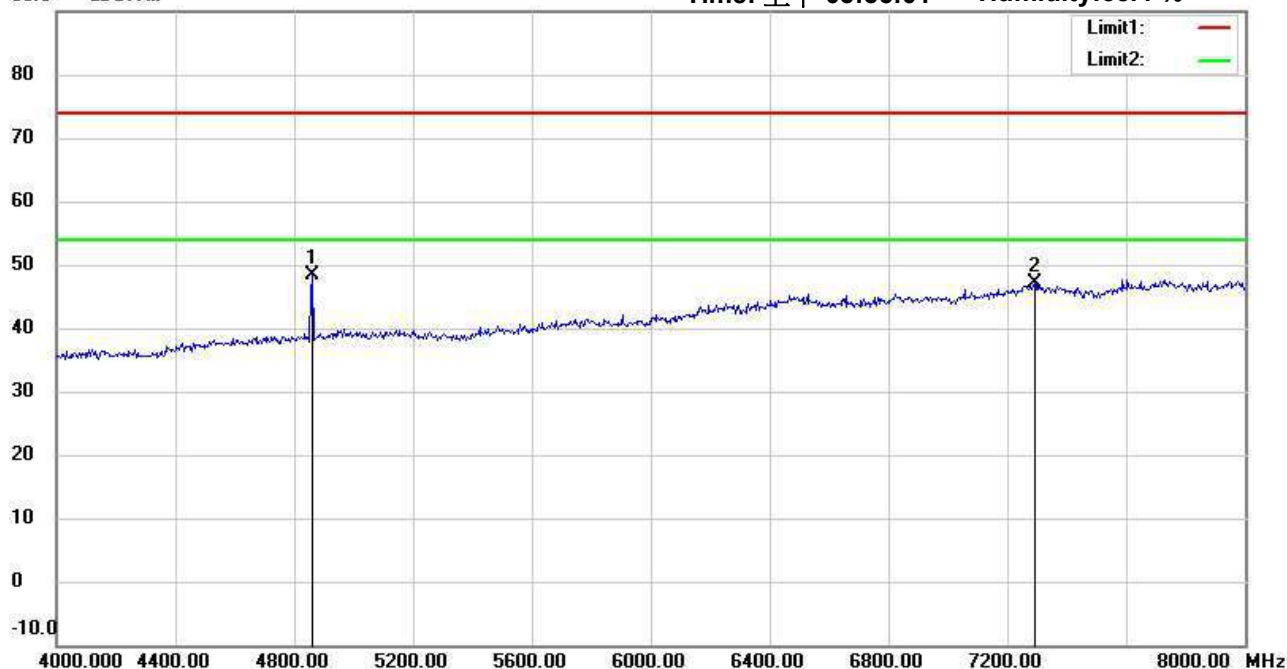
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:36:01

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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
*	4860.000	43.14	peak	5.36	48.50	74.00	150	78	-25.50	
	7290.000	34.46	peak	12.63	47.09	74.00	150	112	-26.91	

*: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: Echo

File : 3

Data : #3

Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:34:07

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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
	9720.000	33.41	peak	13.74	47.15	74.00	150	261	-26.85	
*	12150.000	33.09	peak	17.28	50.37	74.00	150	130	-23.63	

*: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: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:36:42

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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
	9720.000	32.92	peak	13.74	46.66	74.00	150	52	-27.34	
*	12150.000	32.78	peak	17.28	50.06	74.00	150	12	-23.94	

*: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: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:34:23

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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: Echo

File : 3

Data : #9

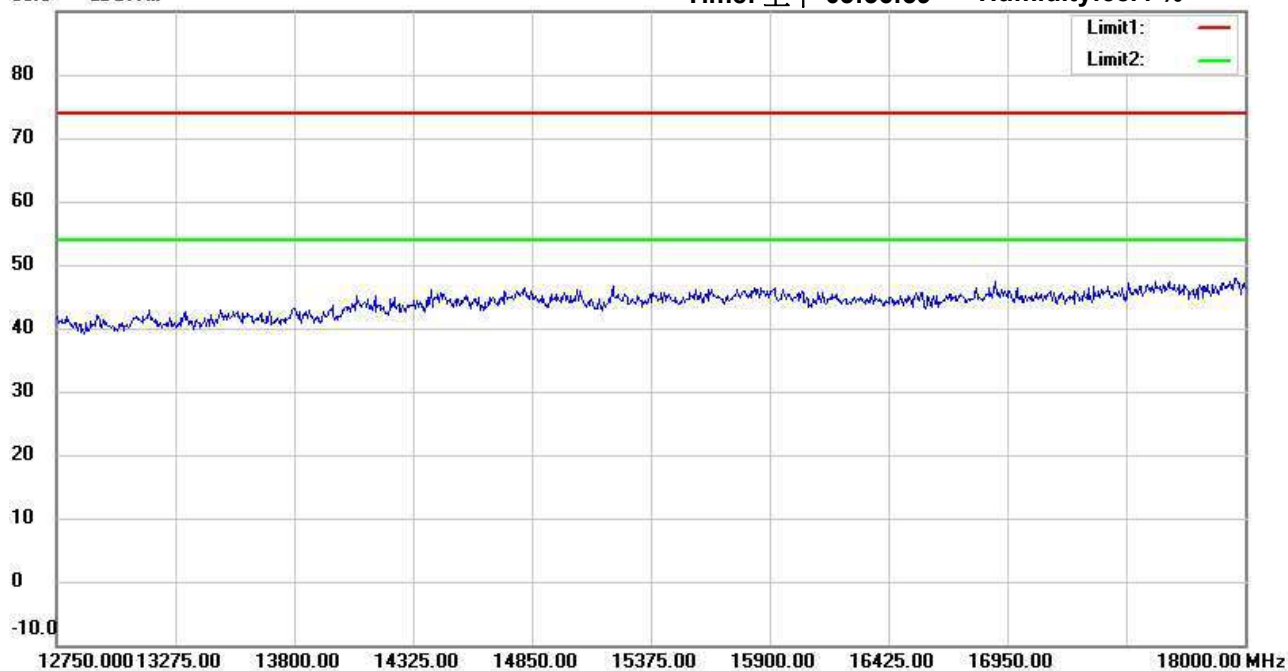
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:36:59

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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: Echo

File :3

Data :#5

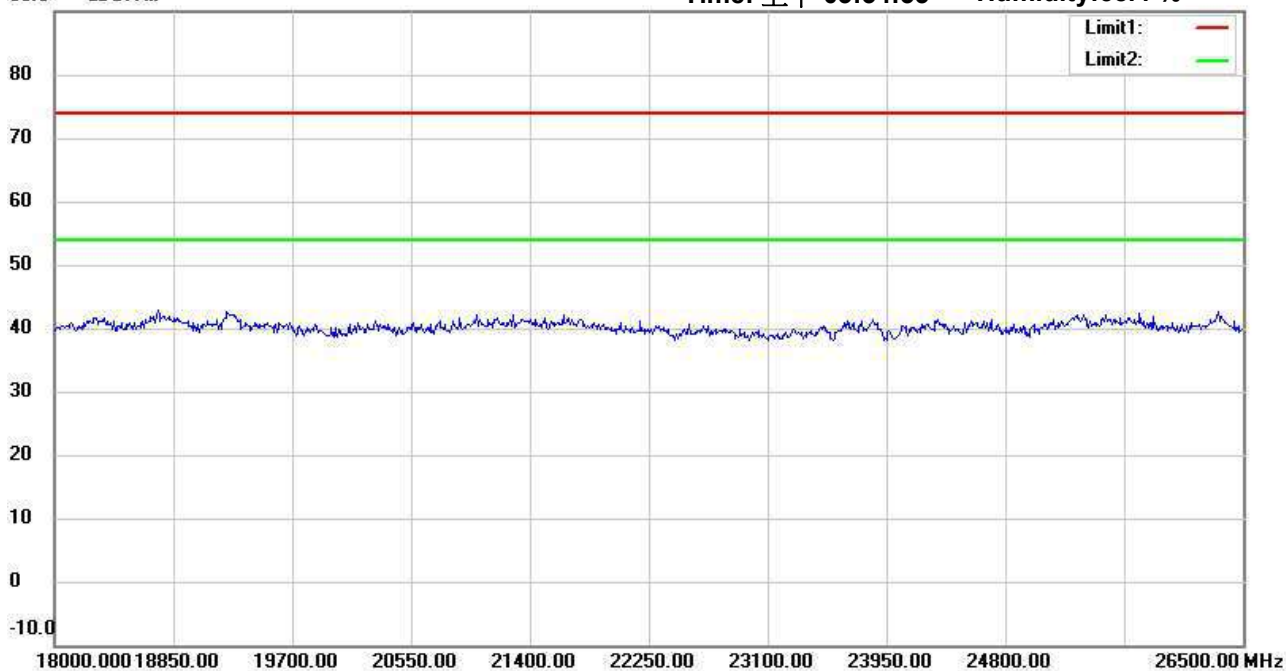
Date: 2025/7/3

Temperature:19.9 °C

90.0 dBuV/m

Time: 上午 03:34:33

Humidity:58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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: Echo

File :3

Data :#10

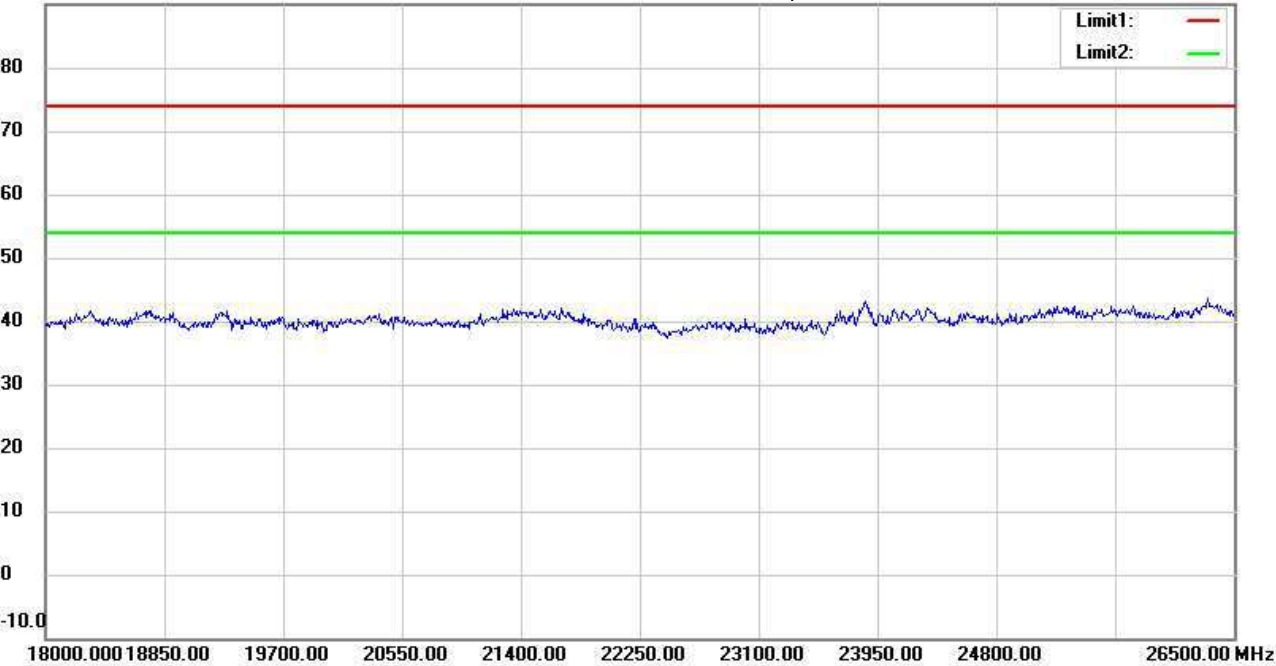
Date: 2025/7/3

Temperature:19.9 °C

90.0 dBuV/m

Time: 上午 03:37:09

Humidity:58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2430MHz

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: Echo

File : 3

Data : #1

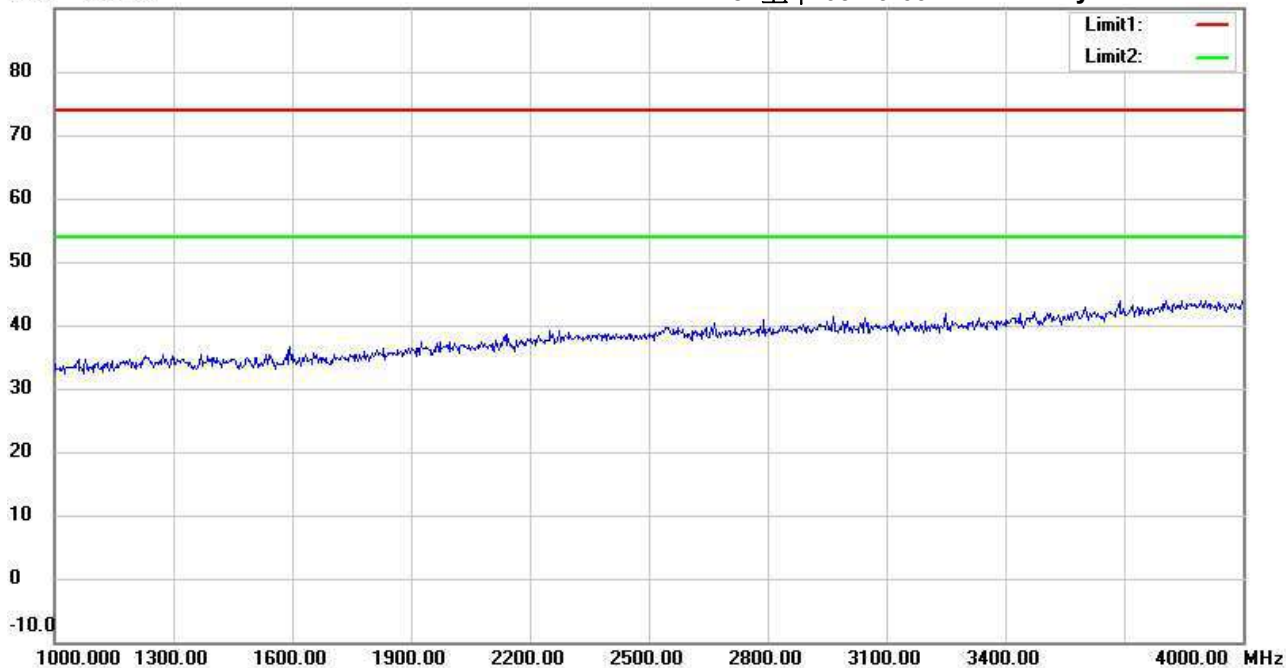
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:49:09

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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: Echo

File :3

Data :#6

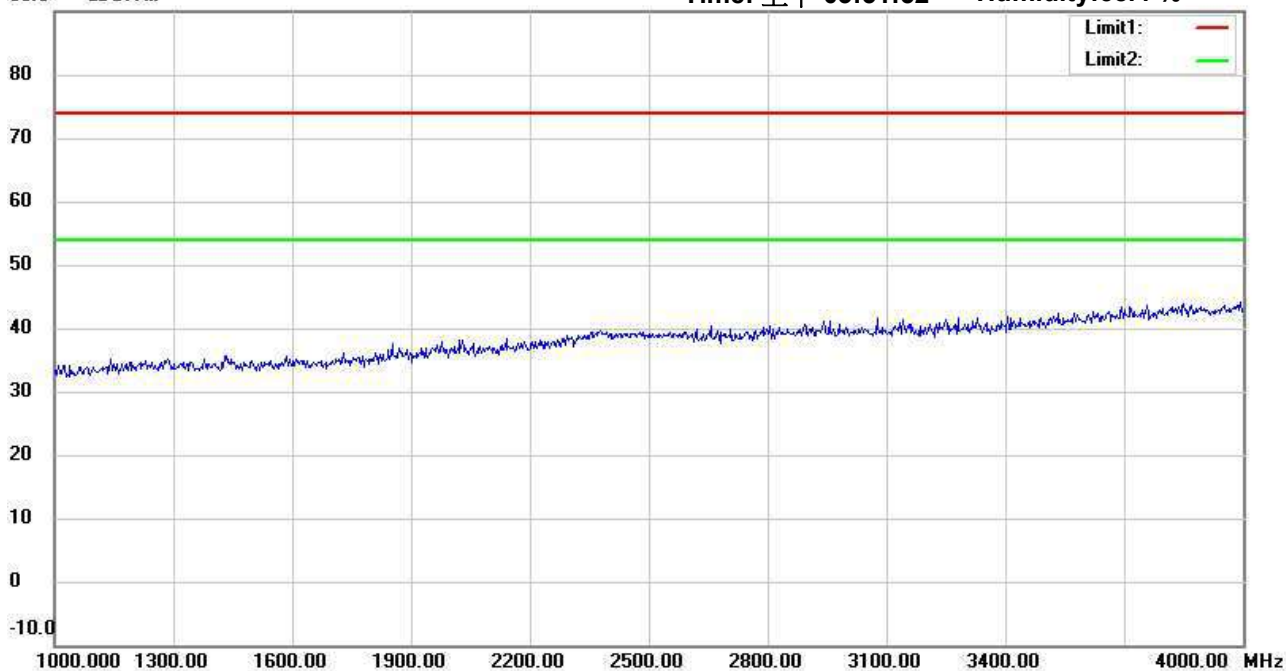
Date: 2025/7/3

Temperature:19.9 °C

90.0 dBuV/m

Time: 上午 03:51:52

Humidity:58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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: Echo

File : 3

Data : #2

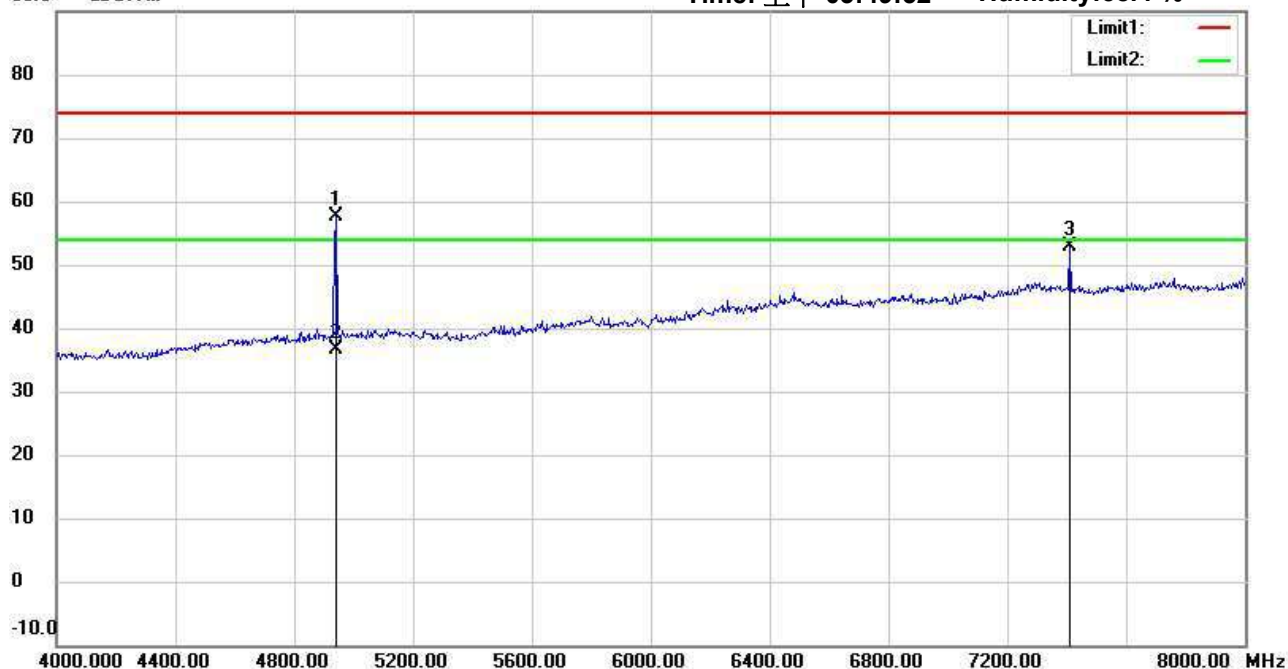
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:49:52

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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
*	4940.000	51.93	peak	5.69	57.62	74.00	150	180	-16.38	
	4940.000	31.04	AVG	5.69	36.73	54.00	150	180	-17.27	
	7408.000	40.41	peak	12.46	52.87	74.00	150	279	-21.13	

*: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

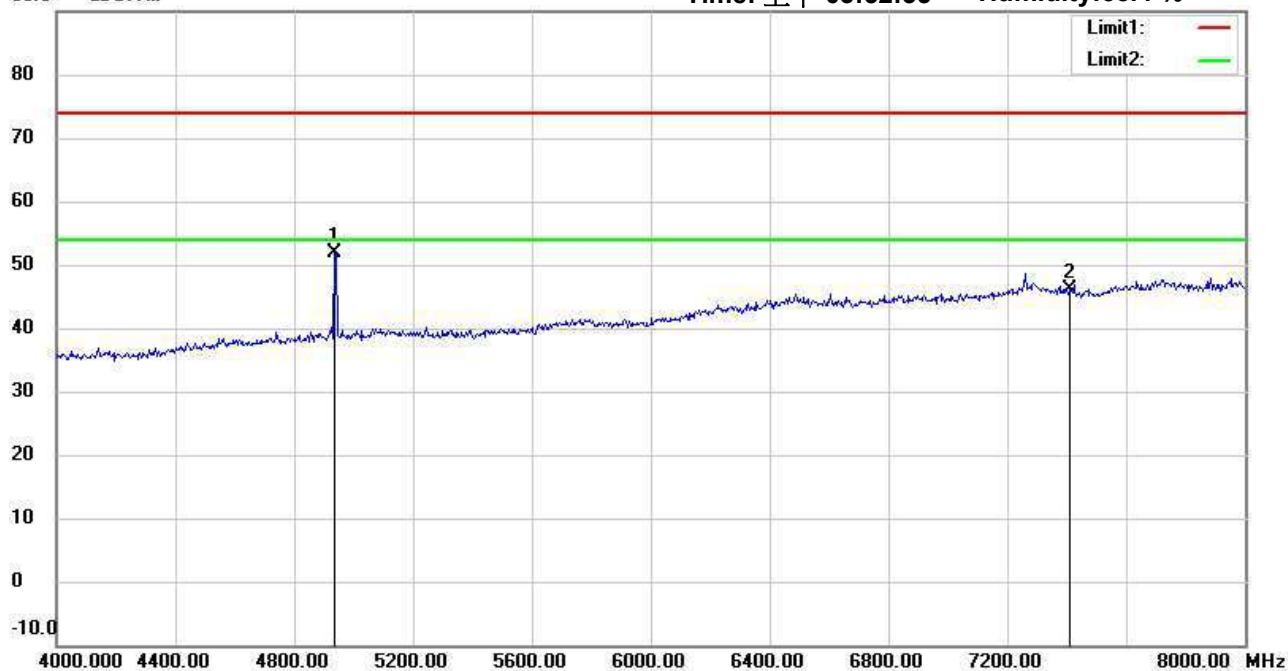
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:52:35

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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
*	4936.000	46.30	peak	5.67	51.97	74.00	150	57	-22.03	
	7410.000	33.67	peak	12.47	46.14	74.00	150	358	-27.86	

*: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

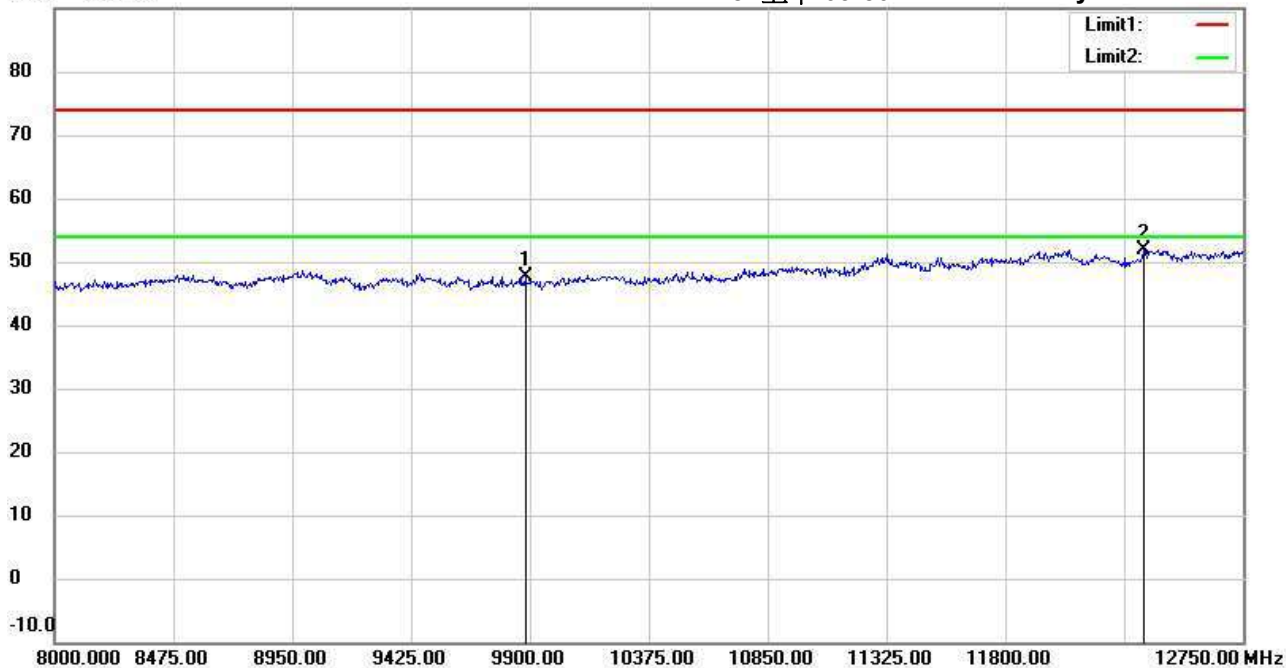
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:50:41

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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
	9880.000	33.48	peak	14.03	47.51	74.00	150	285	-26.49	
*	12350.000	34.49	peak	17.34	51.83	74.00	150	131	-22.17	

*: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: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:53:16

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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
	9880.000	32.85	peak	14.03	46.88	74.00	150	211	-27.12	
*	12350.000	33.54	peak	17.34	50.88	74.00	150	245	-23.12	

*: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

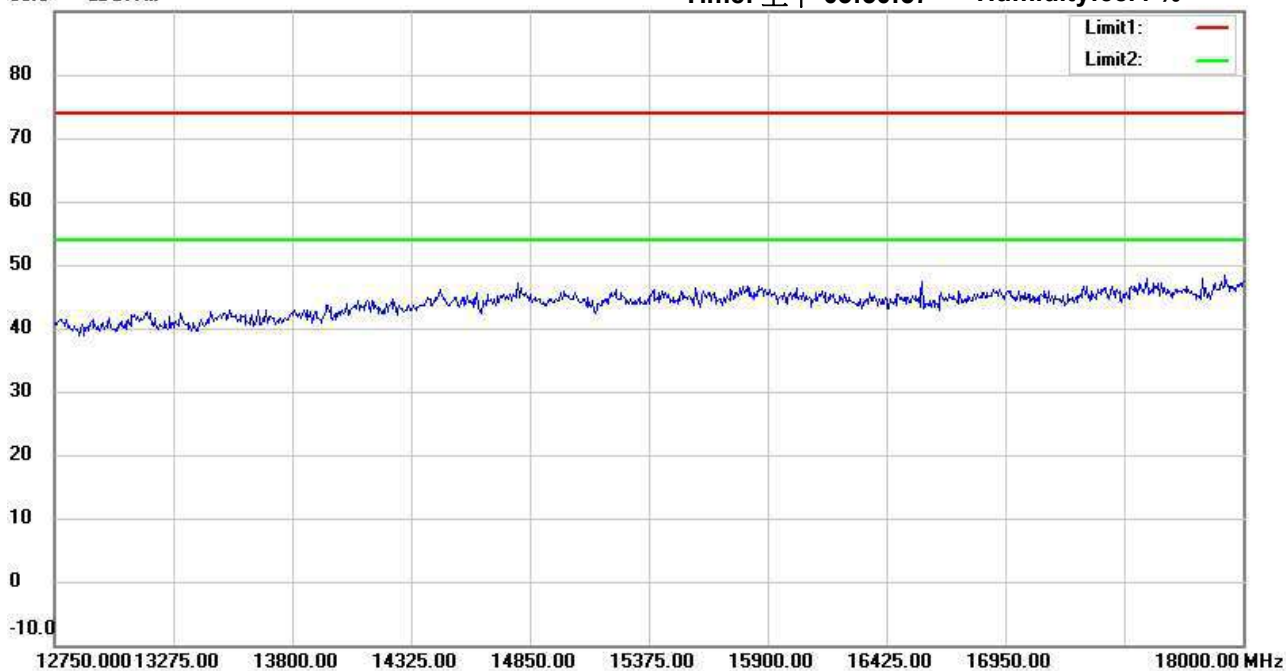
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:50:57

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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: Echo

File : 3

Data : #9

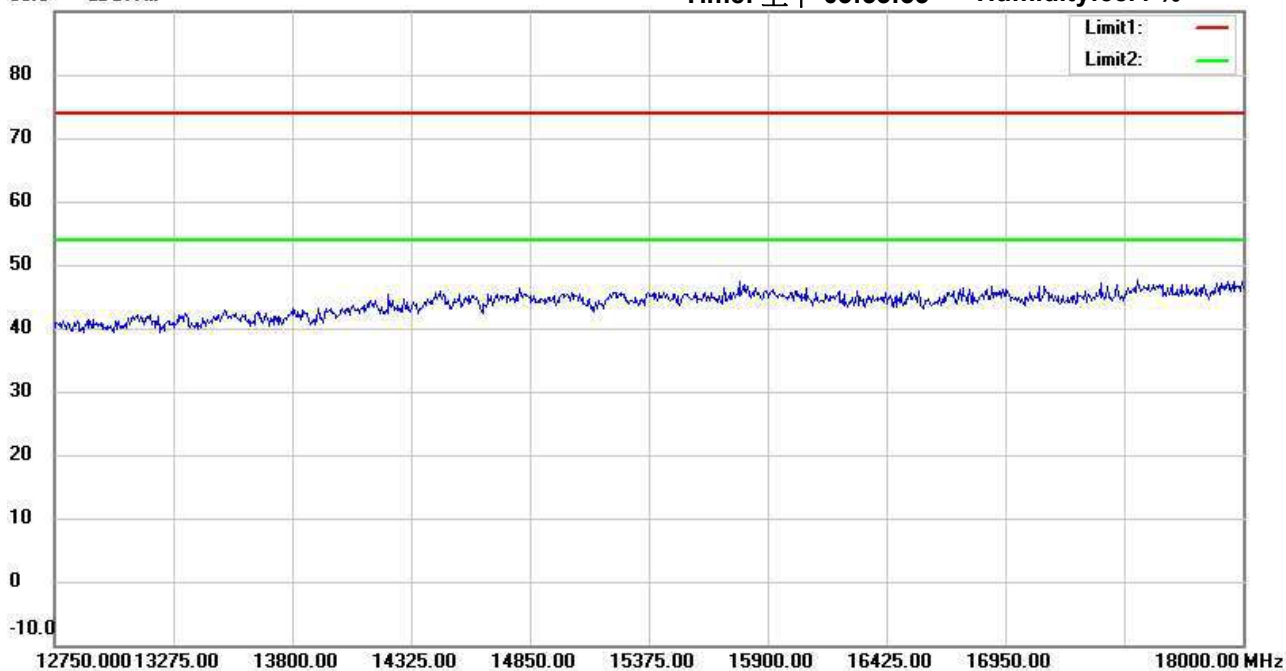
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:53:33

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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: Echo

File : 3

Data : #5

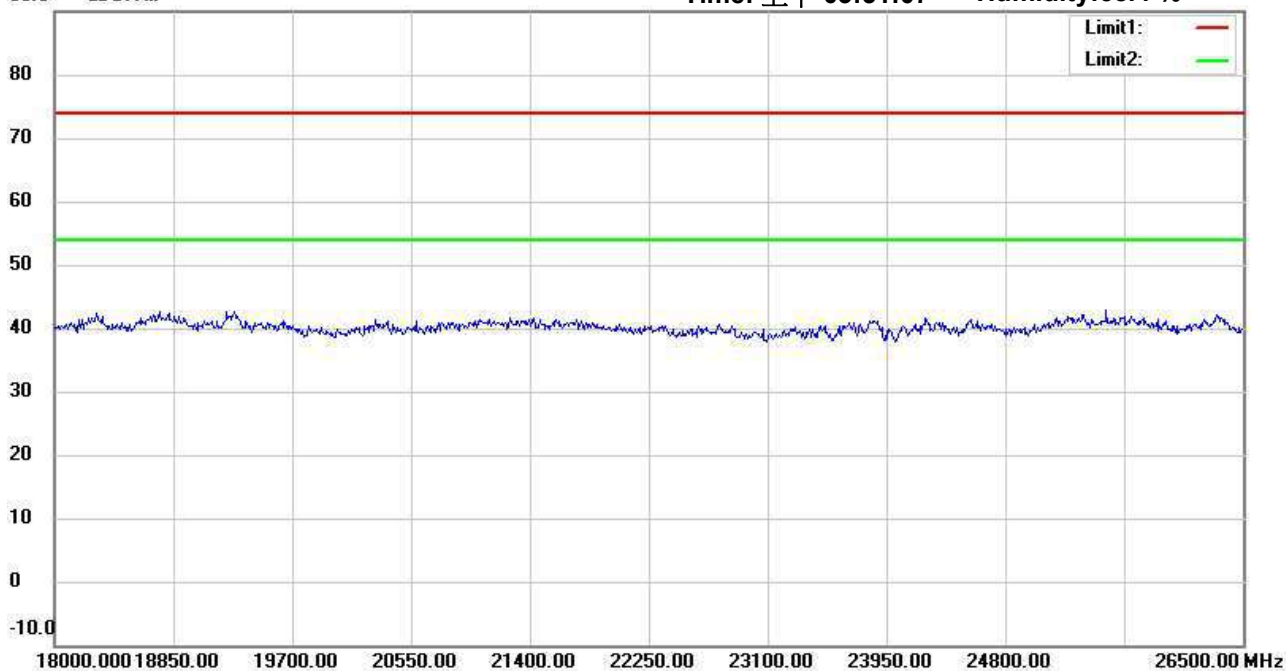
Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:51:07

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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: Echo

File : 3

Data : #10

Date: 2025/7/3

Temperature: 19.9 °C

90.0 dBuV/m

Time: 上午 03:53:43

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

Note :

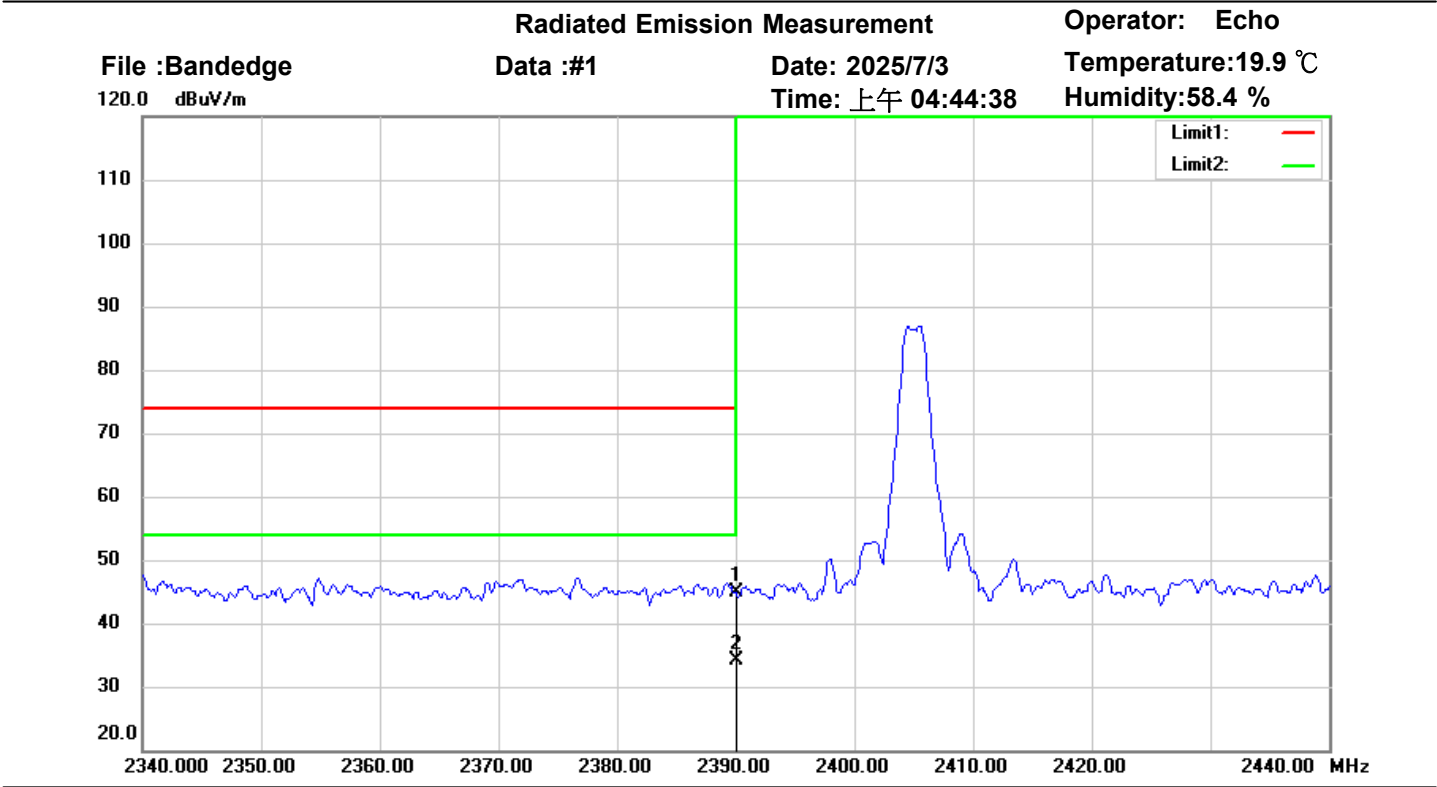
Polarization: Vertical

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



Site : 966A Chamber
Condition : FCC 15.247 PK (Bandedge)
EUT : W6M22506-24501
M/N:
Test Mode : TX 2405MHz
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
	2390.000	48.82	peak	-4.06	44.76	74.00	150	220	-29.24	
*	2390.000	38.25	AVG	-4.06	34.19	54.00	150	220	-19.81	

*: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: Echo

File : Bandedge

Data : #2

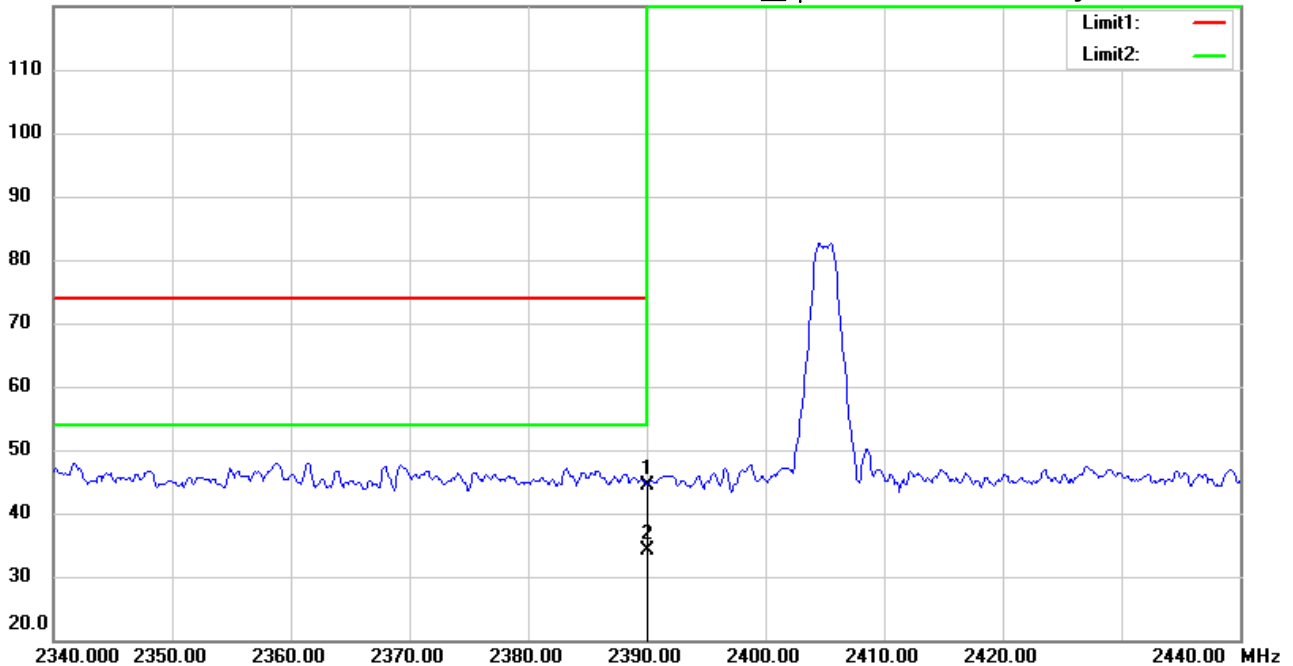
Date: 2025/7/3

Temperature: 19.9 °C

120.0 dBuV/m

Time: 上午 04:48:38

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22506-24501

M/N:

Test Mode : TX 2405MHz

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
	2390.000	48.55	peak	-4.06	44.49	74.00	150	205	-29.51	
*	2390.000	38.22	AVG	-4.06	34.16	54.00	150	205	-19.84	

*: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: Echo

File : Bandedge

Data : #1

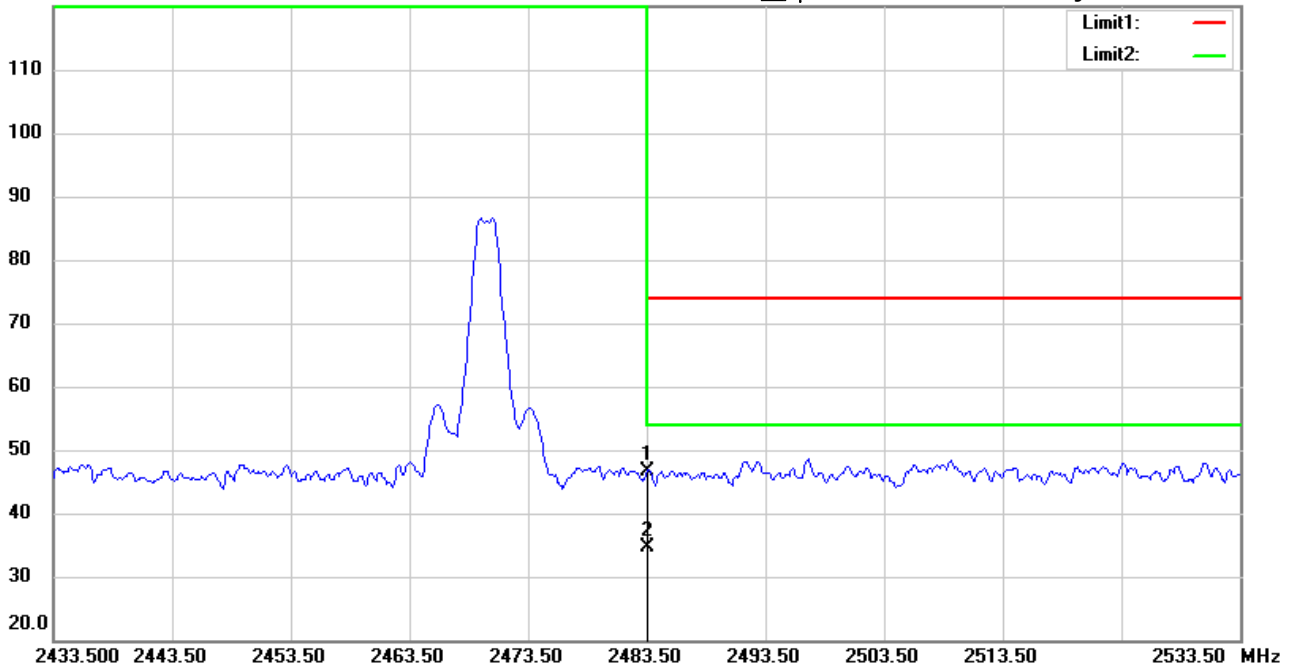
Date: 2025/7/3

Temperature: 19.9 °C

120.0 dBuV/m

Time: 上午 04:09:48

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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
	2483.500	50.66	peak	-3.99	46.67	74.00	150	194	-27.33	
*	2483.500	38.61	AVG	-3.99	34.62	54.00	150	194	-19.38	

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



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

Operator: Echo

File : Bandedge

Data : #2

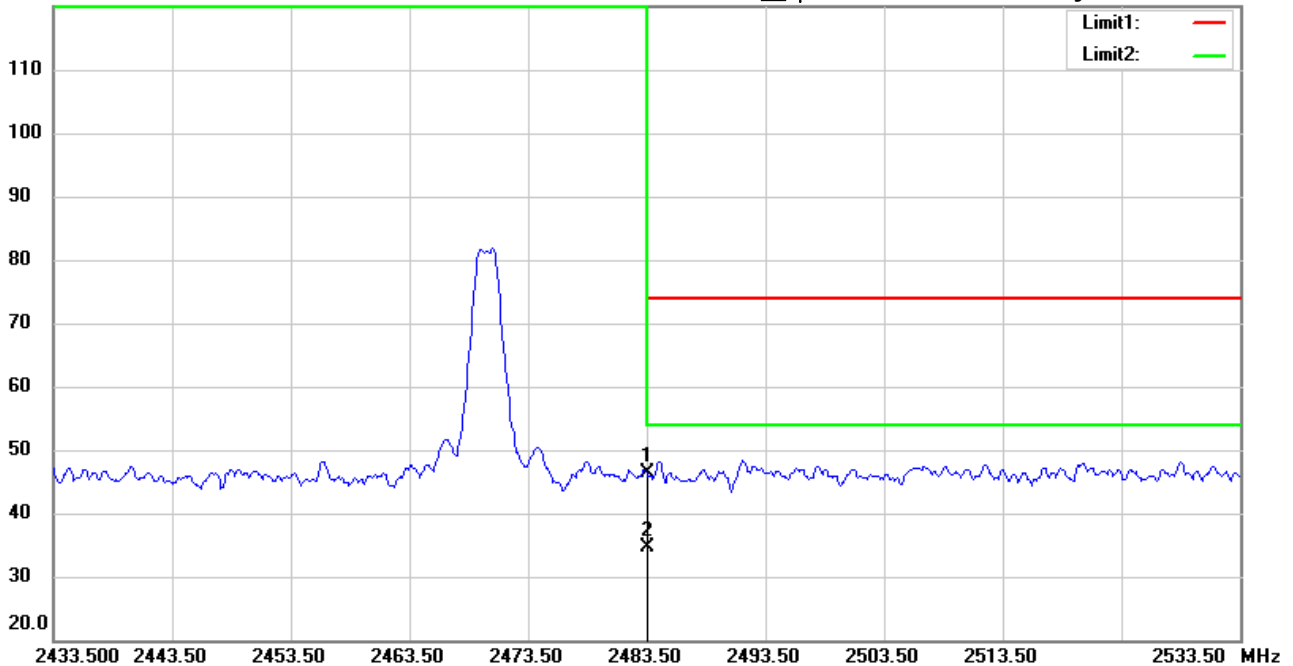
Date: 2025/7/3

Temperature: 19.9 °C

120.0 dBuV/m

Time: 上午 04:13:21

Humidity: 58.4 %



Site : 966A Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22506-24501

M/N:

Test Mode : TX 2470MHz

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
	2483.500	50.34	peak	-3.99	46.35	74.00	150	209	-27.65	
*	2483.500	38.60	AVG	-3.99	34.61	54.00	150	209	-19.39	

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