

47 CFR PART 15 SUBPART C TEST REPORT

for

amicoipet smart collar

Model No.: SMART collar STM

FCC ID: 2BQNPSMARTCOLLARSTM

of

Applicant: Amicoipet Bio Tech INC.

Address: 6F., No. 82-5, Sec. 1, Guangfu Rd., Sanchong Dist.,
New Taipei City 241, Taiwan (R.O.C.)

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.: W6M22504-24342-C-1

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: wts@wts-lab.com

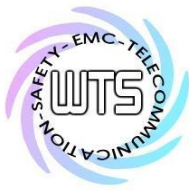
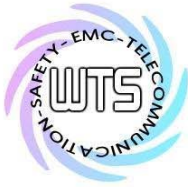


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Worldwide Testing Services(Taiwan) Co., Ltd.

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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 16, 2025

Rick Chen

Rick Chen.

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

July 16, 2025

Kevin Wang

Kevin Wang

Date

WTS

Name

Signature



Worldwide Testing Services(Taiwan) Co., Ltd.

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FCC ID: 2BQNPSMARTCOLLARSTM

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/Conducted Emission

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: Amicoipet Bio Tech INC.

Street: 6F., No. 82-5, Sec. 1, Guangfu Rd., Sanchong Dist.,

Town: New Taipei City 241,

Country: Taiwan (R.O.C.)

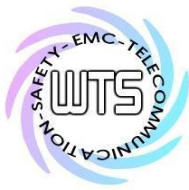
Manufacturer: (if applicable)

Name: ./.

Street: ./.

Town: ./.

Country: ./.



Registration number: W6M22504-24342-C-1

FCC ID: 2BQNPSMARTCOLLARSTM

Application details

Date of receipt of test item: June 03, 2025

Date of test: from June 04, 2025 to June 23, 2025

1.4 General information of Test item

Type of test item: amicoipet smart collar

Model no.: smart collar GV1s

Multi-listing model no.: ./.

Brand name: amicoipet

Power supply: USB 5Vd.c.

Battery 3.7Vd.c., 600mAh, 2.22Wh

Type of antenna: Fusca 2.4GHz SMD Antenna

Antenna gain: 0.8 dBi

Technical data

Mode	Channel	Conducted Power (dBm)
BLE 1M	Ch 0 : 2402 MHz	-5.49
	Ch 19 : 2440 MHz	-6.01
	Ch 39 : 2480 MHz	-6.57

Operation modes: Duplex

Modulation type: GFSK

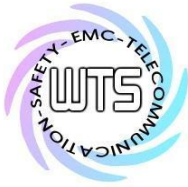
Sample no.: #01

Special statement: ./.

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)
BLE 1M	10	10	100%	0.01

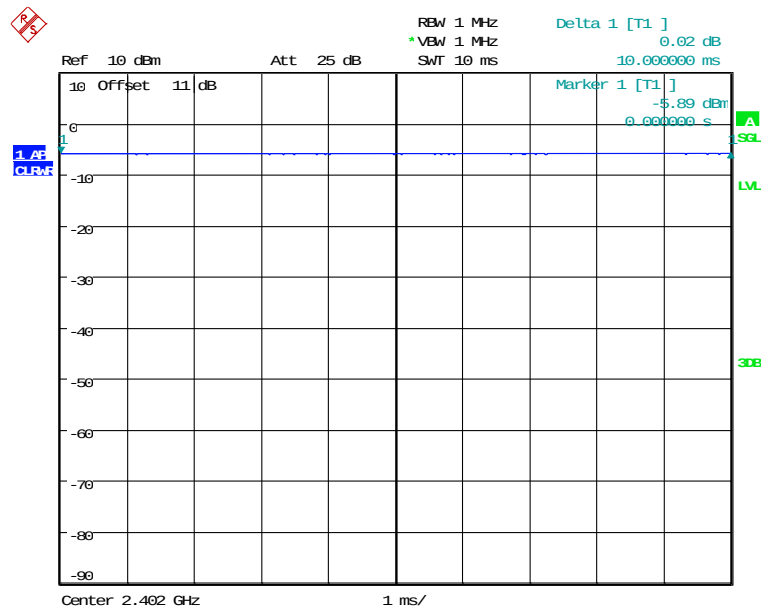


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Duty cycle plot

BLE



DUTY

Date: 3.JUN.2025 20:42:59

1.6 Test standards

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

ANSI C63.10: 2013



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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, Band edge, Power Density, Duty

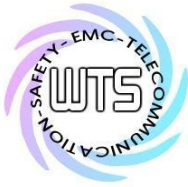
Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2025/2/14	2026/2/13
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2025/3/5	2026/3/4
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2025/2/14	2026/2/13
ETSTW-Cable 030	Microwave Cable	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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3.1 Peak Output Power (transmitter)

3.1.1 Applicable Standard

FCC Rule: 15.247(b)(3)

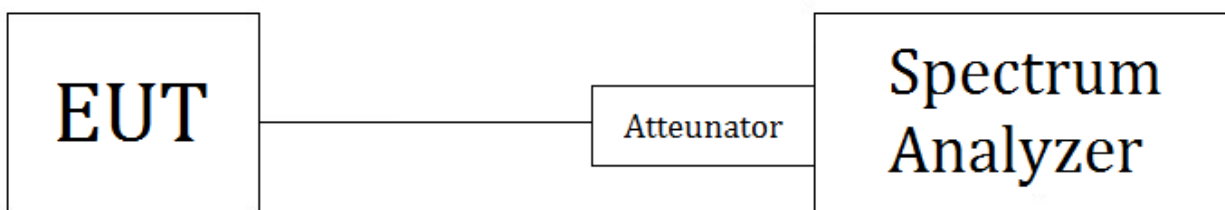
For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as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

3.1.2 Test procedure

Following Subclause 11.9.1.1 of ANSI C63.10

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

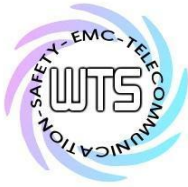
3.1.3 Test Setup



3.1.4 Limits

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

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



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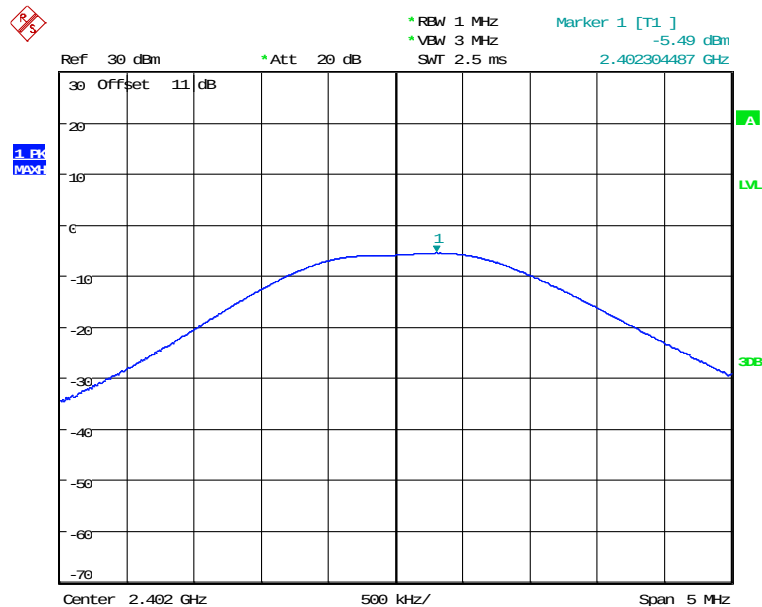
3.1.5 Test Environmental Conditions

Test date: 2025-06-03 Temperature: 27.1°C Humidity: 44.0% Tester: Rick

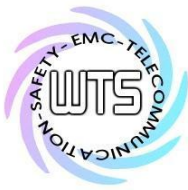
3.1.6 Test results

Mode	Channel	Power (dBm)	Limit (dBm)
BLE 1M	Ch 0 : 2402 MHz	-5.49	30
	Ch 19 : 2440 MHz	-6.01	30
	Ch 39 : 2480 MHz	-6.57	30

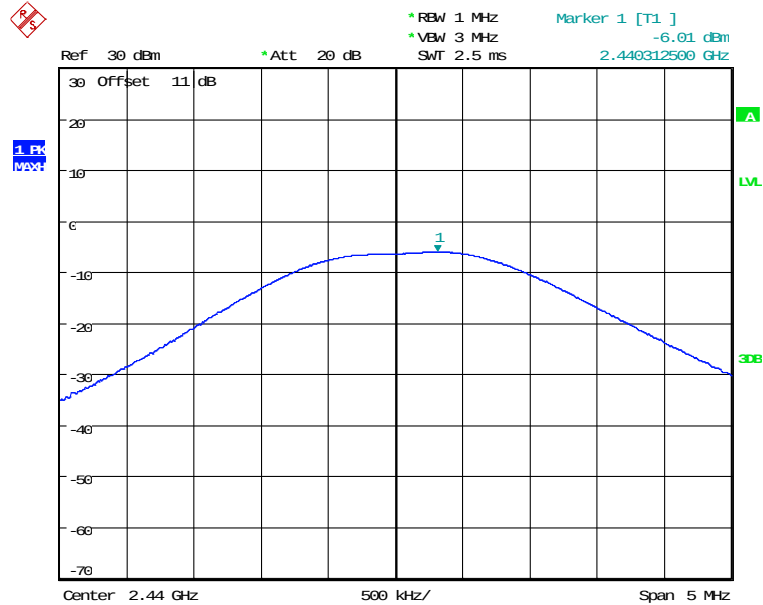
BLE



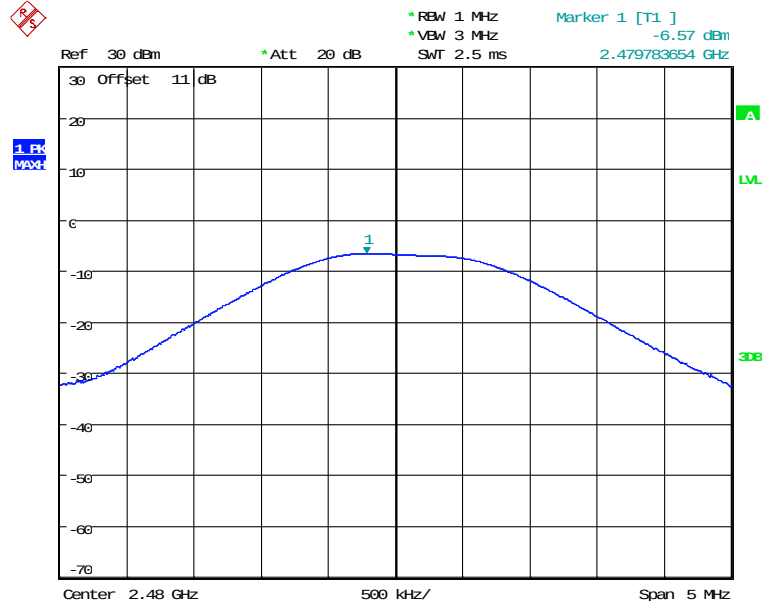
MAX OUTPUT POWER BLE 1M CH00
Date: 3.JUN.2025 20:43:37



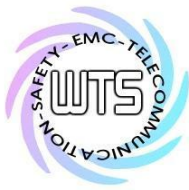
Registration number: W6M22504-24342-C-1
FCC ID: 2BQNPSMARTCOLLARSTM



MAX OUTPUT POWER BLE 1M CH19
Date: 3.JUN.2025 20:44:45



MAX OUTPUT POWER BLE 1M CH39
Date: 3.JUN.2025 20:45:33



Registration number: W6M22504-24342-C-1

FCC ID: 2BQNPSMARTCOLLARSTM

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.

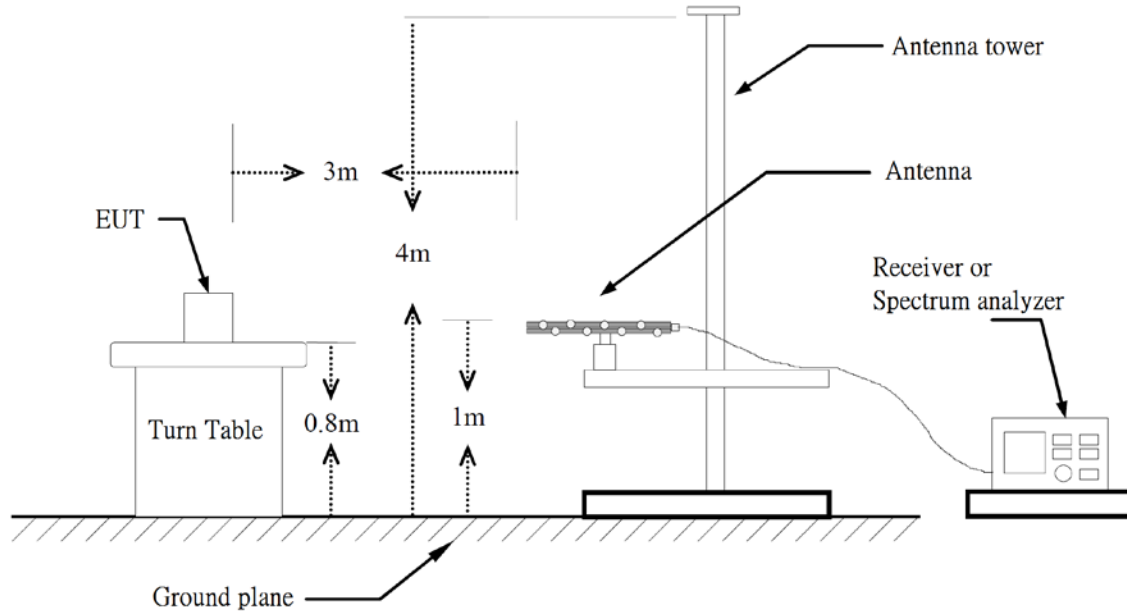
3.2.3 Limits

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

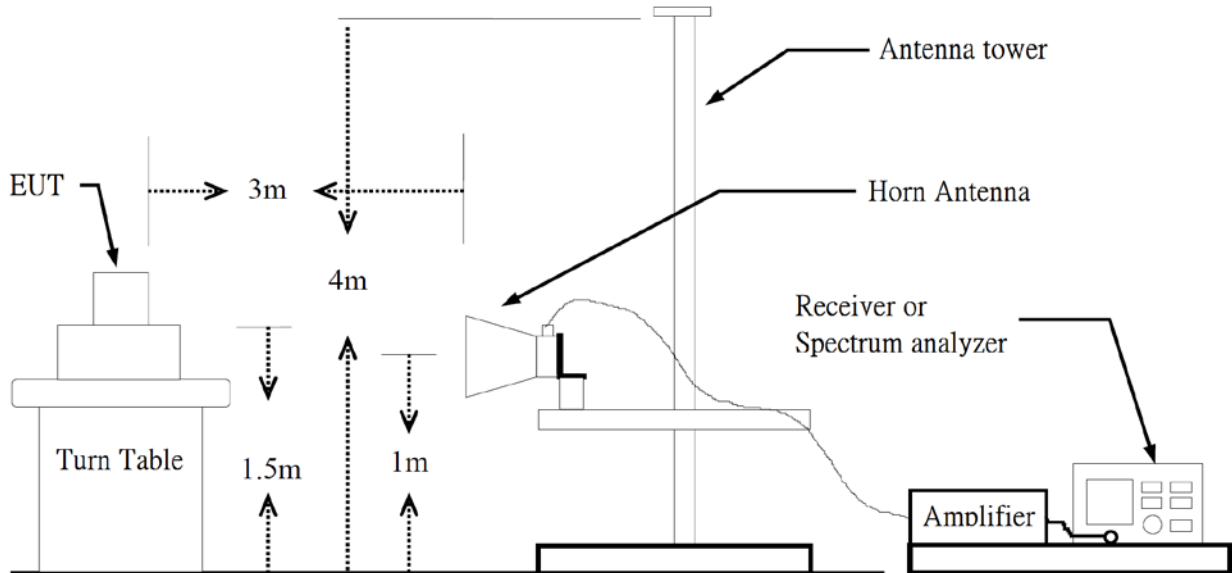
Registration number: W6M22504-24342-C-1

FCC ID: 2BQNPSMARTCOLLARSTM

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)

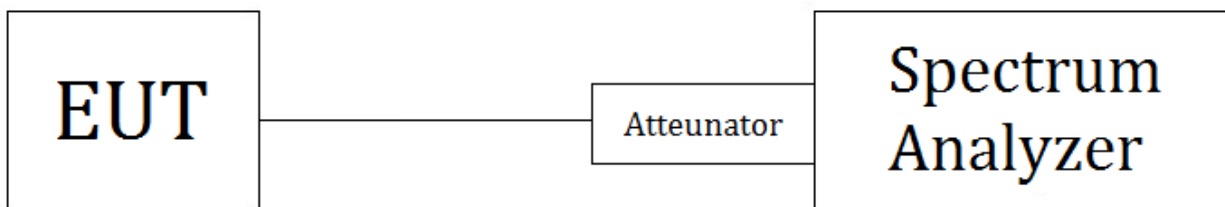
In any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based 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

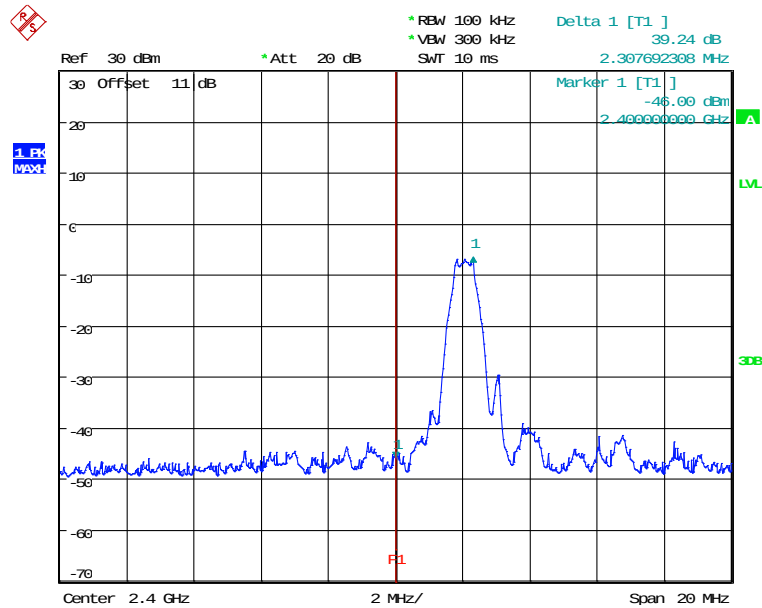
Test date: 2025-06-03 Temperature: 27.1°C Humidity: 44.0% Tester: Rick

Registration number: W6M22504-24342-C-1

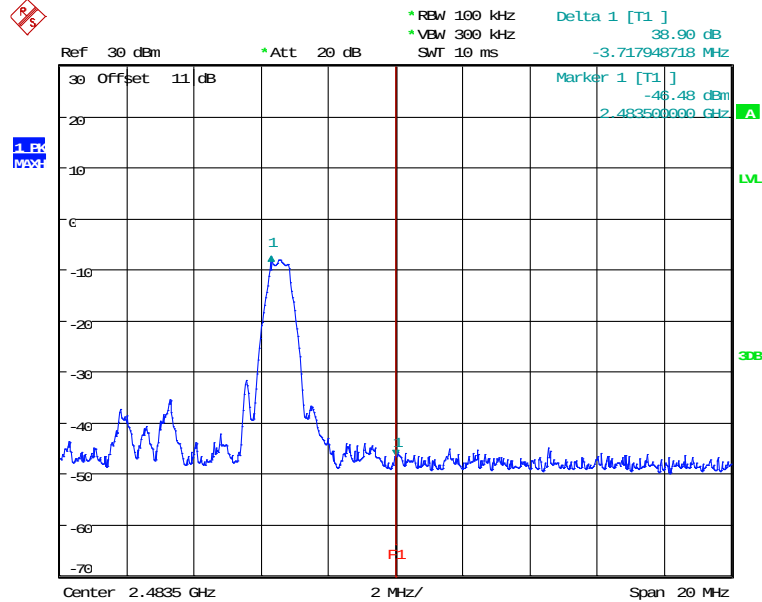
FCC ID: 2BQNPSMARTCOLLARSTM

3.3.6 Test results

BLE



BANDEDGE BLE 1M CH00
 Date: 3. JUN. 2025 20:44:07



BANDEDGE BLE 1M CH39
 Date: 3. JUN. 2025 20:46:03



Registration number: W6M22504-24342-C-1

FCC ID: 2BQNPSMARTCOLLARSTM

3.4 Minimum 6 dB Bandwidth

3.4.1 Applicable Standard

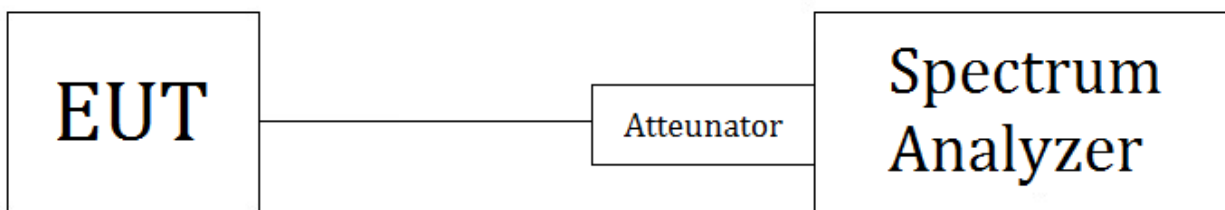
FCC Rules: 15.247(a)(2)

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

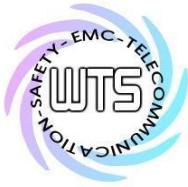


3.4.4 Limits

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

3.4.5 Test Environmental Conditions

Test date: 2025-06-03 Temperature: 27.1°C Humidity: 44.0% Tester: Rick

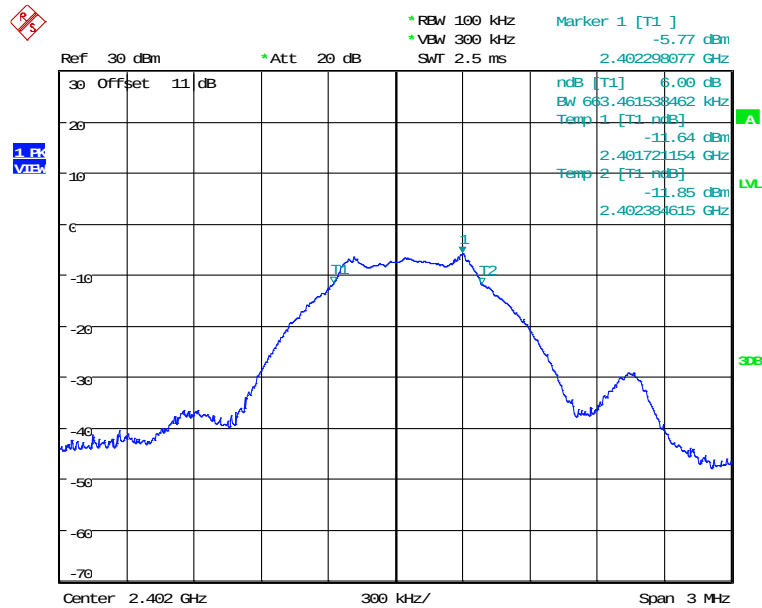


Registration number: W6M22504-24342-C-1

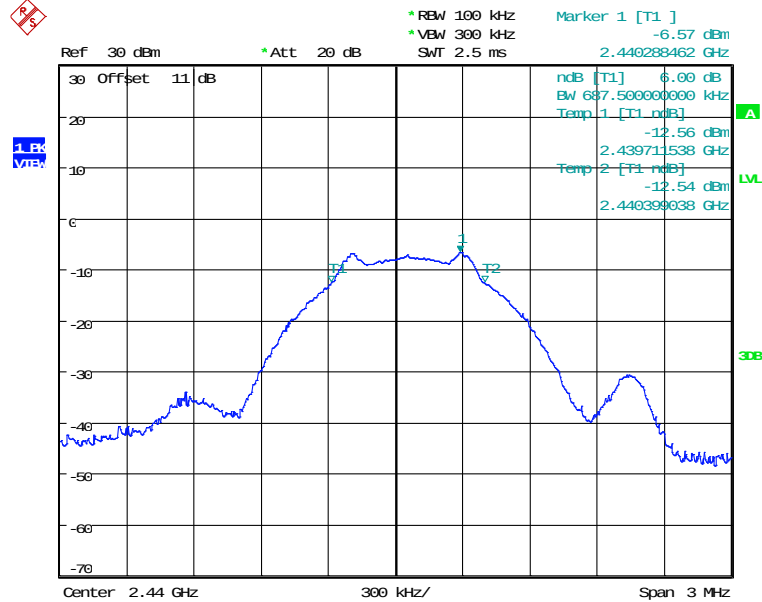
FCC ID: 2BQNPSMARTCOLLARSTM

3.4.6 Test results

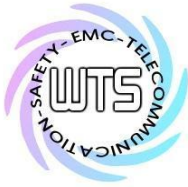
BLE



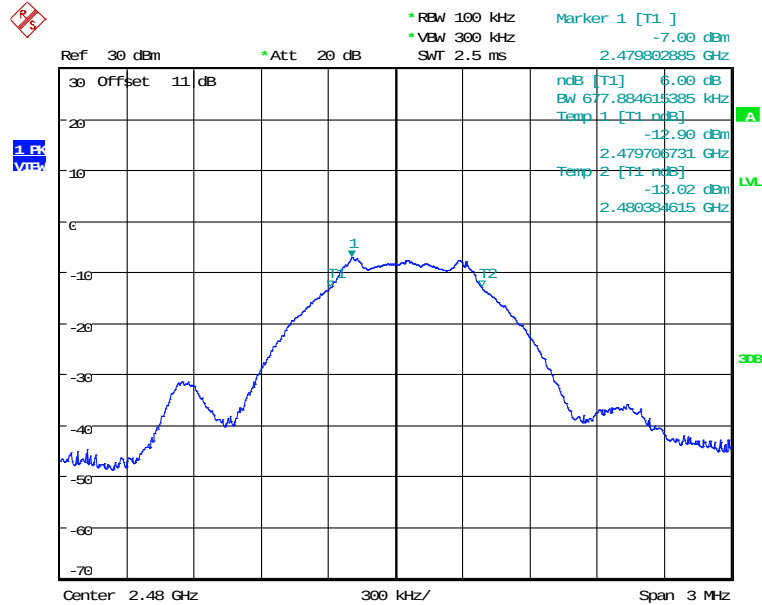
6DB BANDWIDTH BLE 1M CH00
Date: 3. JUN. 2025 20:43:47



6DB BANDWIDTH BLE 1M CH19
Date: 3. JUN. 2025 20:44:55



Registration number: W6M22504-24342-C-1
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6DB BANDWIDTH BLE 1M CH39
Date: 3.JUN.2025 20:45:43



Registration number: W6M22504-24342-C-1

FCC ID: 2BQNPSMARTCOLLARSTM

3.5 Peak Power Spectral Density

3.5.1 Applicable Standard

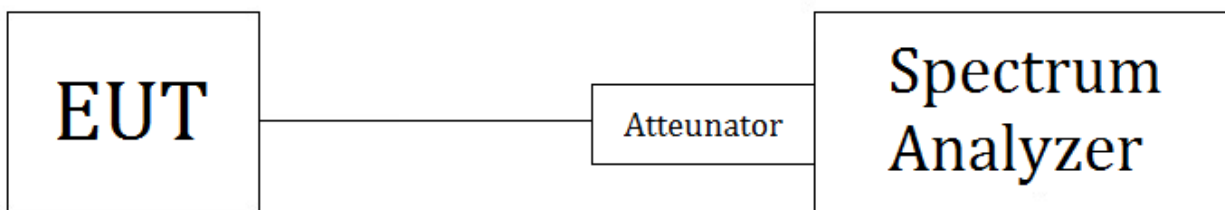
FCC Rules: 15.247(e)

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

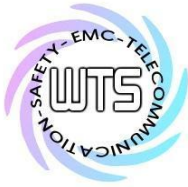


3.5.4 Limits

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

3.5.5 Test Environmental Conditions

Test date: 2025-06-03 Temperature: 27.1°C Humidity: 44.0% Tester: Rick

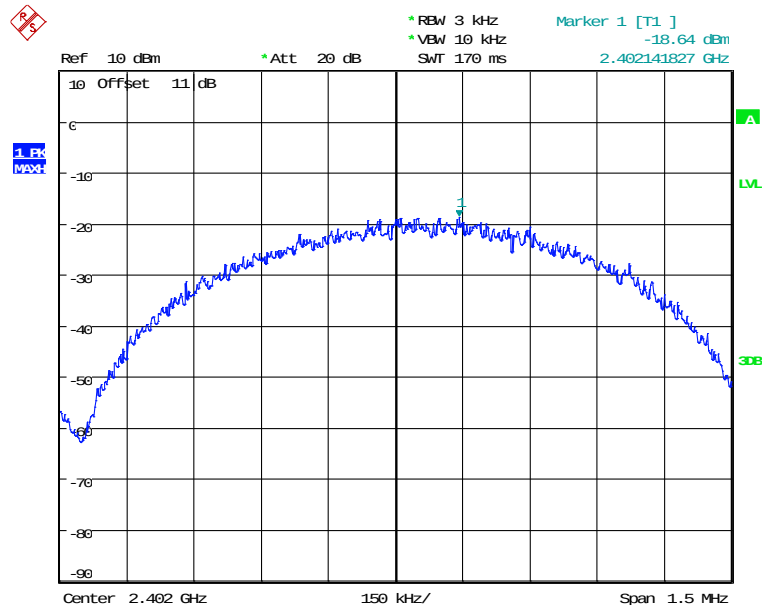


Registration number: W6M22504-24342-C-1

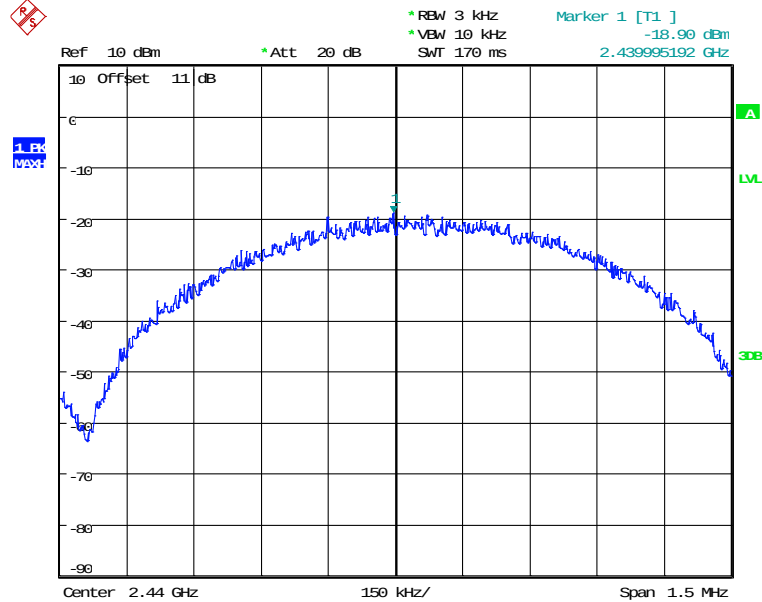
FCC ID: 2BQNPSMARTCOLLARSTM

3.5.6 Test results

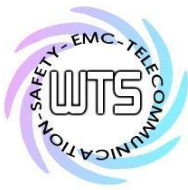
BLE



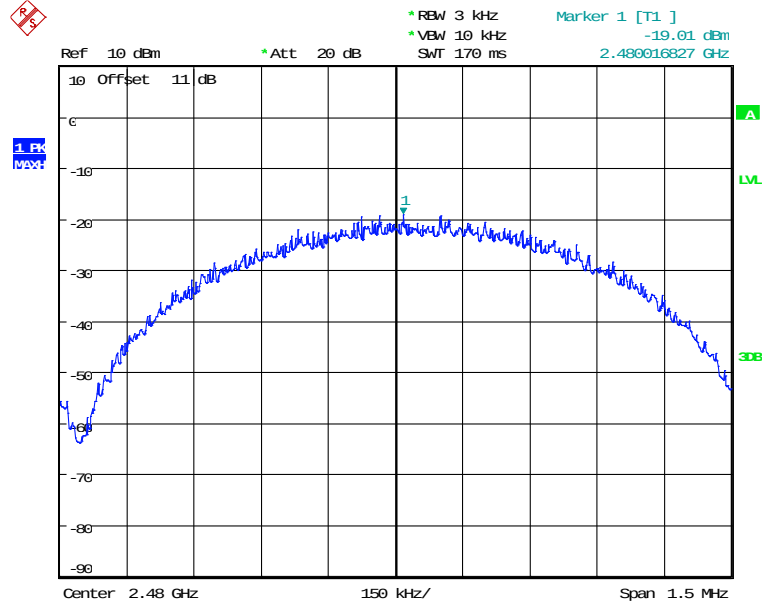
POWER DENSITY BLE 1M CH00
Date: 3. JUN. 2025 20:43:59



POWER DENSITY BLE 1M CH19
Date: 3. JUN. 2025 20:45:07



Registration number: W6M22504-24342-C-1
FCC ID: 2BQNPSMARTCOLLARSTM



POWER DENSITY BLE 1M CH39
Date: 3.JUN.2025 20:45:55

Registration number: W6M22504-24342-C-1

FCC ID: 2BQNPSMARTCOLLARSTM

3.6 Power Line Conducted Emission

3.6.1 Applicable Standard

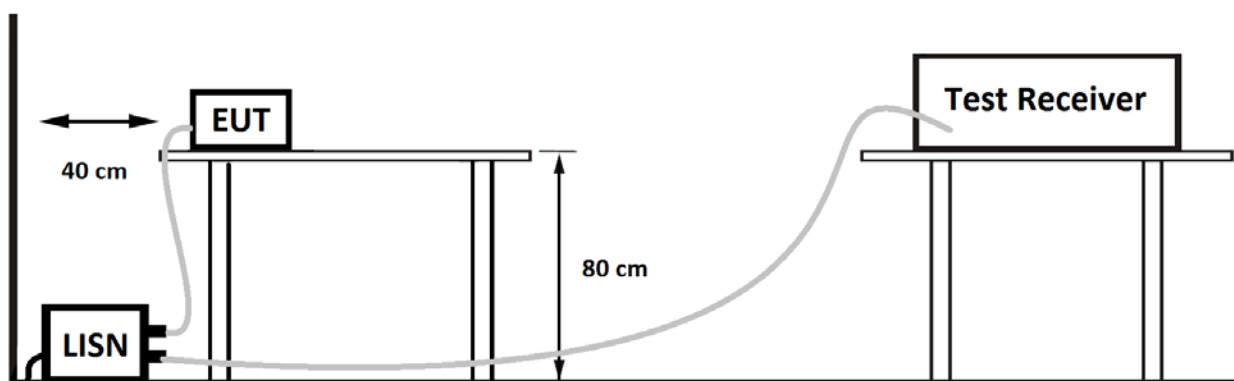
FCC Rules:15.207(a)

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

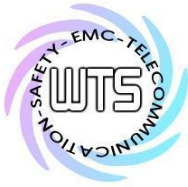
1. EUT is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. Connect EUT to a 50 μ H/50 ohms line impedance stabilization network (LISN). AC input is 120V/60Hz
3. This measurement was transact first with 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

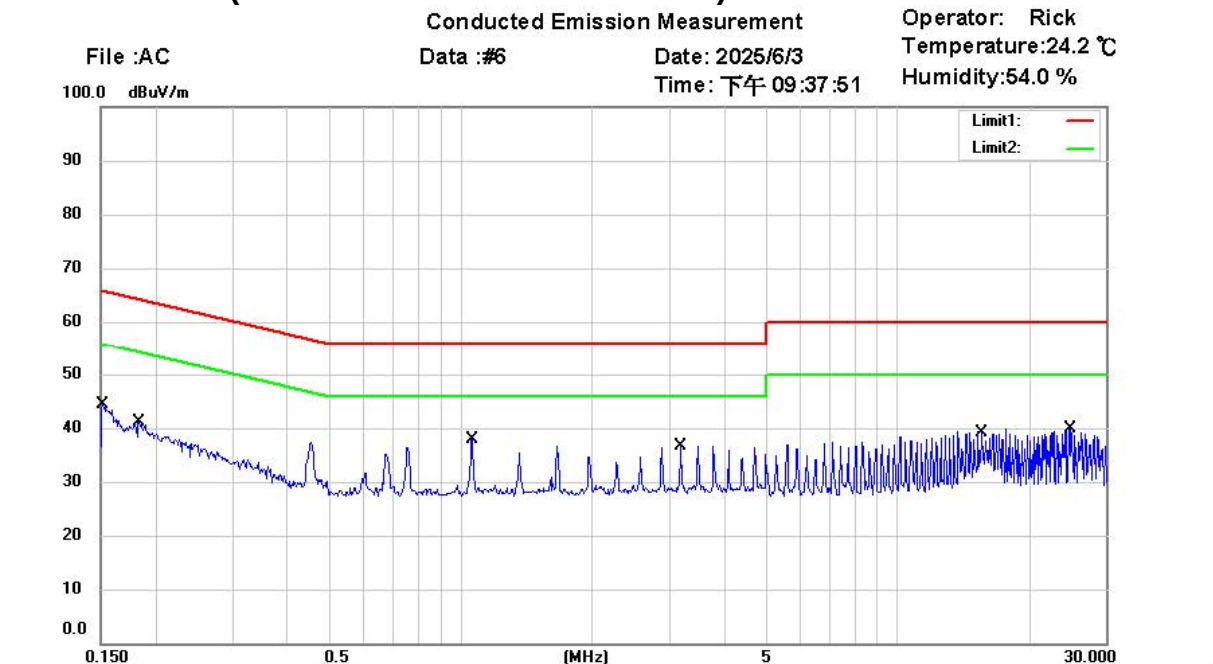
Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50



Registration number: W6M22504-24342-C-1

FCC ID: 2BQNPSMARTCOLLARSTM

3.6.5 Test results (With Environmental Conditions)



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: N

EUT : W6M22504-24342

Power : 120V.a.c.

M/N:

Test Mode : collar:B032-23-1003

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Comment
	0.1516	25.15	QP	9.59	34.74	65.91	-31.17	
	0.1516	18.40	AVG	9.59	27.99	55.91	-27.92	
	0.1826	22.55	QP	9.60	32.15	64.37	-32.22	
	0.1826	17.99	AVG	9.60	27.59	54.37	-26.78	
	1.0602	24.37	QP	9.74	34.11	56.00	-21.89	
*	1.0602	20.25	AVG	9.74	29.99	46.00	-16.01	
	3.1775	24.26	QP	9.96	34.22	56.00	-21.78	
	3.1775	19.33	AVG	9.96	29.29	46.00	-16.71	
	15.5875	20.77	QP	10.10	30.87	60.00	-29.13	
	15.5875	11.00	AVG	10.10	21.10	50.00	-28.90	
	24.6625	17.25	QP	10.19	27.44	60.00	-32.56	
	24.6625	14.47	AVG	10.19	24.66	50.00	-25.34	

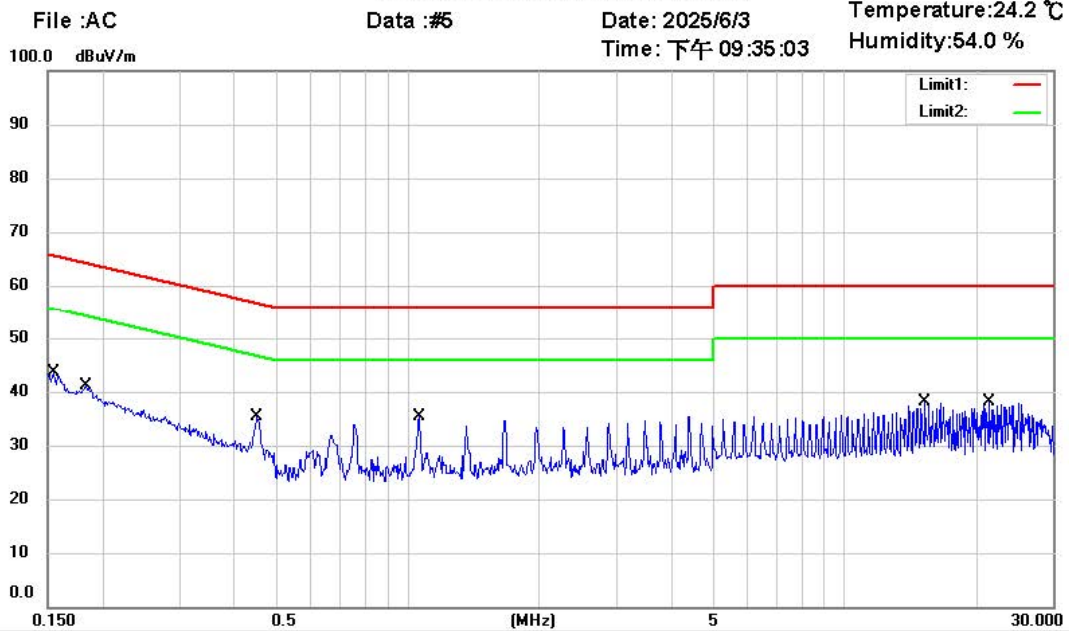


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22504-24342-C-1
FCC ID: 2BQNPSMARTCOLLARSTM

Conducted Emission Measurement

Operator: Rick
Temperature: 24.2 °C
Humidity: 54.0 %



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M22504-24342

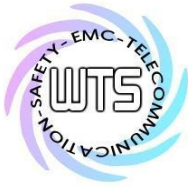
Power : 120Vac.

M/N:

Test Mode : collar:B032-23-1003

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Comment
	0.1542	24.45	QP	9.59	34.04	65.77	-31.73	
	0.1542	18.57	AVG	9.59	28.16	55.77	-27.61	
	0.1827	22.33	QP	9.60	31.93	64.36	-32.43	
	0.1827	16.17	AVG	9.60	25.77	54.36	-28.59	
	0.4512	19.17	QP	9.74	28.91	56.85	-27.94	
	0.4512	17.21	AVG	9.74	26.95	46.85	-19.90	
	1.0625	19.87	QP	9.74	29.61	56.00	-26.39	
*	1.0625	16.84	AVG	9.74	26.58	46.00	-19.42	
	15.2875	22.73	QP	10.02	32.75	60.00	-27.25	
	15.2875	14.70	AVG	10.02	24.72	50.00	-25.28	
	21.3375	21.38	QP	10.00	31.38	60.00	-28.62	
	21.3375	10.18	AVG	10.00	20.18	50.00	-29.82	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22504-24342-C-1
FCC ID: 2BQNPSMARTCOLLARSTM

Conducted Emission Measurement

Operator: Rick
Temperature: 24.2 °C
Humidity: 54.0 %

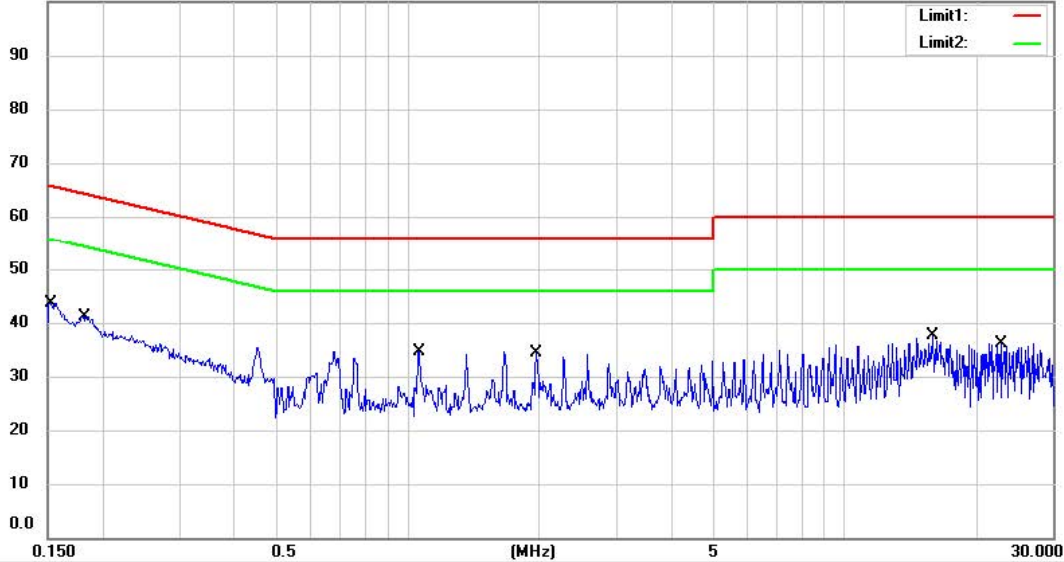
File : AC

Data : #2

Date: 2025/6/3

Time: 下午 09:22:55

100.0 dBuV/m



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: N

EUT : W6M22504-24342

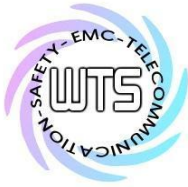
Power : 120V.a.c.

M/N:

Test Mode : collar:B032-23-1001

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Comment
	0.1518	25.25	QP	9.59	34.84	65.90	-31.06	
	0.1518	17.39	AVG	9.59	26.98	55.90	-28.92	
	0.1824	23.57	QP	9.60	33.17	64.38	-31.21	
	0.1824	18.22	AVG	9.60	27.82	54.38	-26.56	
	1.0602	21.11	QP	9.74	30.85	56.00	-25.15	
*	1.0602	17.16	AVG	9.74	26.90	46.00	-19.10	
	1.9693	19.49	QP	9.73	29.22	56.00	-26.78	
	1.9693	15.95	AVG	9.73	25.68	46.00	-20.32	
	15.8875	17.88	QP	10.11	27.99	60.00	-32.01	
	15.8875	13.09	AVG	10.11	23.20	50.00	-26.80	
	22.8375	21.00	QP	10.17	31.17	60.00	-28.83	
	22.8375	12.17	AVG	10.17	22.34	50.00	-27.66	

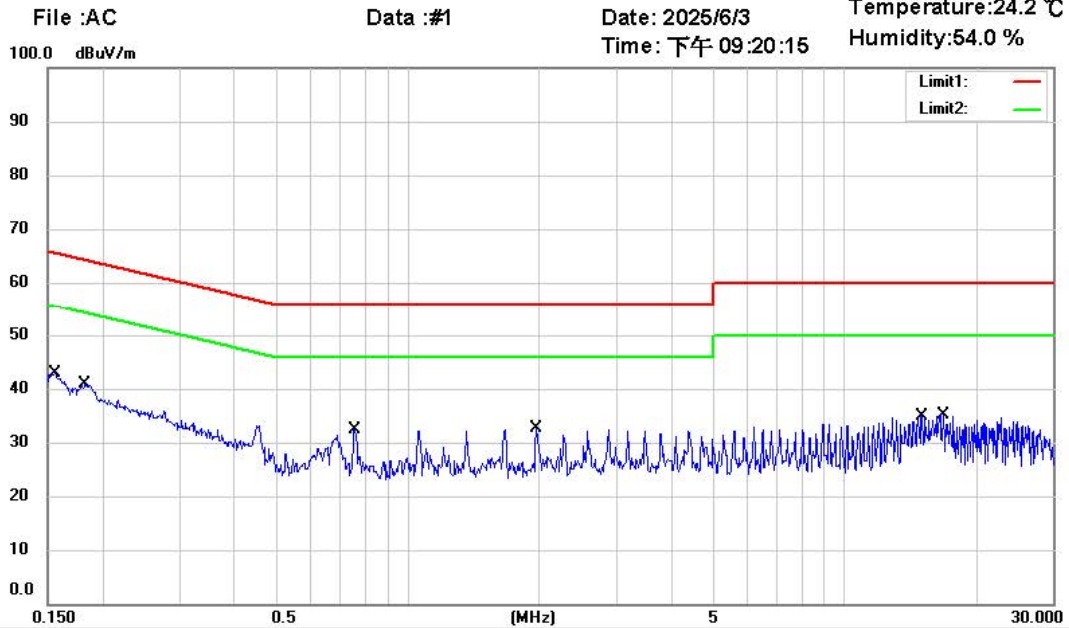


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22504-24342-C-1
FCC ID: 2BQNPSMARTCOLLARSTM

Conducted Emission Measurement

Operator: Rick
Temperature: 24.2 °C
Humidity: 54.0 %



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M22504-24342

Power : 120Vac.

M/N:

Test Mode : collar:B032-23-1001

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Comment
	0.1553	25.56	QP	9.59	35.15	65.71	-30.56	
	0.1553	19.08	AVG	9.59	28.67	55.71	-27.04	
	0.1824	23.67	QP	9.60	33.27	64.38	-31.11	
	0.1824	16.72	AVG	9.60	26.32	54.38	-28.06	
	0.7565	18.60	QP	9.74	28.34	56.00	-27.66	
*	0.7565	16.60	AVG	9.74	26.34	46.00	-19.66	
	1.9693	17.00	QP	9.73	26.73	56.00	-29.27	
	1.9693	15.64	AVG	9.73	25.37	46.00	-20.63	
	14.9875	17.22	QP	10.02	27.24	60.00	-32.76	
	14.9875	6.65	AVG	10.02	16.67	50.00	-33.33	
	16.7875	19.68	QP	10.02	29.70	60.00	-30.30	
	16.7875	12.93	AVG	10.02	22.95	50.00	-27.05	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22504-24342-C-1

FCC ID: 2BQNPSMARTCOLLARSTM

Conducted Emission Measurement

Operator: Rick

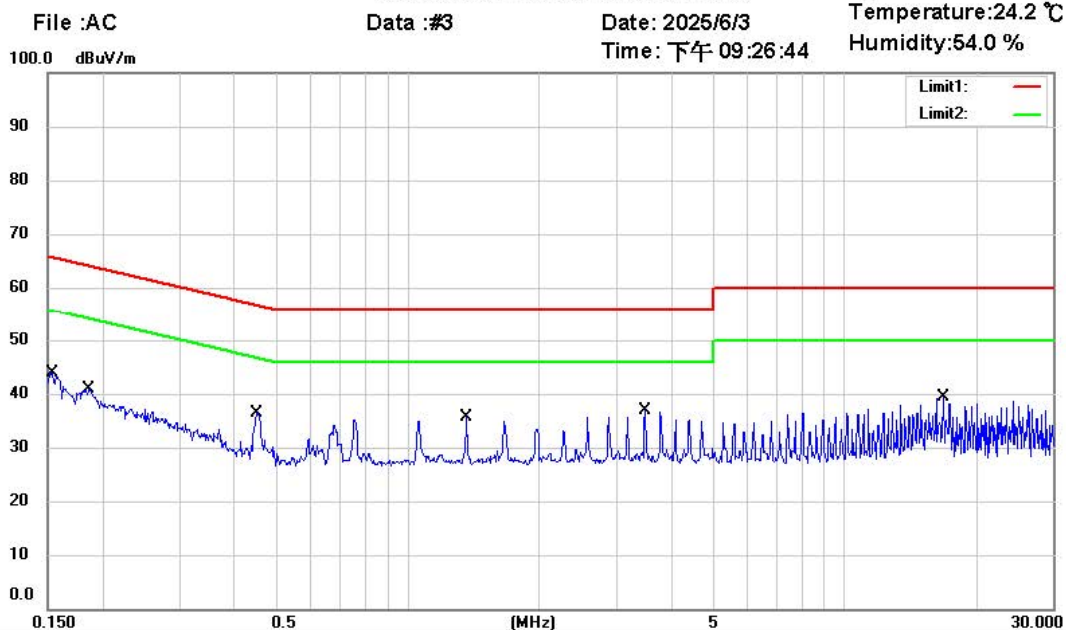
Data :#3

Date: 2025/6/3

Temperature:24.2 ℃

Time: 下午 09:26:44

Humidity:54.0 %



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: *N*

EUT : W6M22504-24342

Power : 120Vac.

M/N:

Test Mode : collar:B032-23-1002

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Comment
	0.1538	25.76	QP	9.59	35.35	65.79	-30.44	
	0.1538	19.56	AVG	9.59	29.15	55.79	-26.64	
	0.1864	22.93	QP	9.60	32.53	64.20	-31.67	
	0.1864	17.94	AVG	9.60	27.54	54.20	-26.66	
	0.4513	21.46	QP	9.74	31.20	56.85	-25.65	
	0.4513	16.95	AVG	9.74	26.69	46.85	-20.16	
	1.3617	23.10	QP	9.74	32.84	56.00	-23.16	
*	1.3617	19.10	AVG	9.74	28.84	46.00	-17.16	
	3.4767	22.50	QP	9.95	32.45	56.00	-23.55	
	3.4767	16.18	AVG	9.95	26.13	46.00	-19.87	
	16.8000	16.97	QP	10.11	27.08	60.00	-32.92	
	16.8000	7.50	AVG	10.11	17.61	50.00	-32.39	

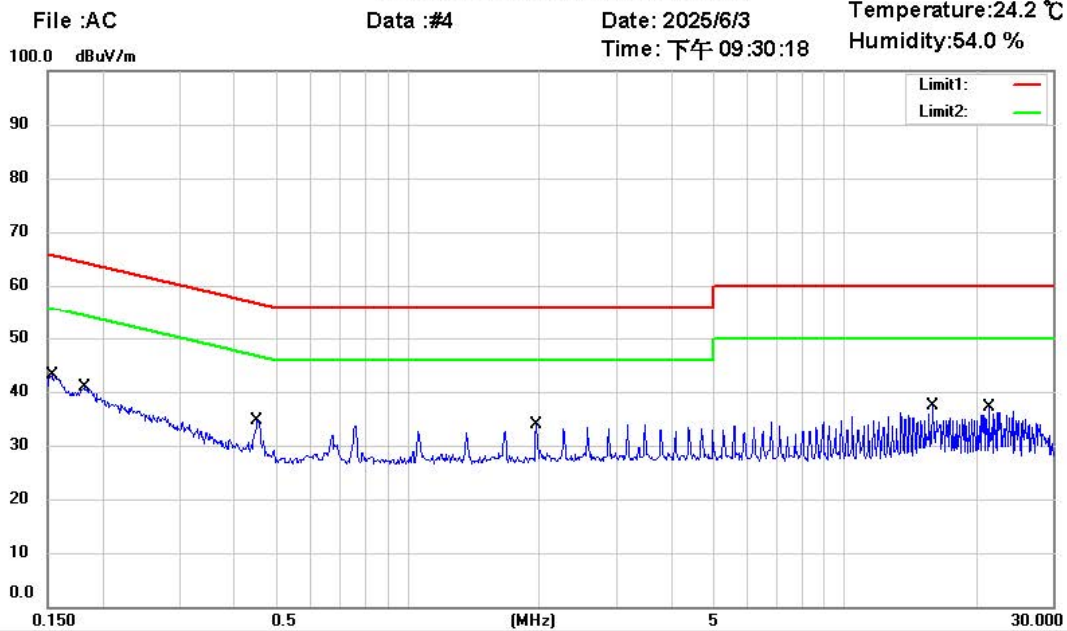


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22504-24342-C-1
FCC ID: 2BQNPSMARTCOLLARSTM

Conducted Emission Measurement

Operator: Rick
Temperature: 24.2 °C
Humidity: 54.0 %



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M22504-24342

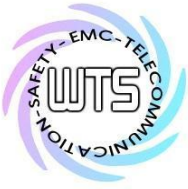
Power : 120Vac.

M/N:

Test Mode : collar:B032-23-1002

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Comment
	0.1526	24.29	QP	9.59	33.88	65.86	-31.98	
	0.1526	17.65	AVG	9.59	27.24	55.86	-28.62	
	0.1822	22.83	QP	9.60	32.43	64.38	-31.95	
	0.1822	16.11	AVG	9.60	25.71	54.38	-28.67	
	0.4533	19.89	QP	9.74	29.63	56.81	-27.18	
*	0.4533	18.00	AVG	9.74	27.74	46.81	-19.07	
	1.9693	18.91	QP	9.73	28.64	56.00	-27.36	
	1.9693	15.71	AVG	9.73	25.44	46.00	-20.56	
	15.8875	21.97	QP	10.02	31.99	60.00	-28.01	
	15.8875	13.41	AVG	10.02	23.43	50.00	-26.57	
	21.3250	21.44	QP	10.00	31.44	60.00	-28.56	
	21.3250	12.84	AVG	10.00	22.84	50.00	-27.16	



Registration number: W6M22504-24342-C-1
FCC ID: 2BQNPSMARTCOLLARSTM

Appendix

Measurement diagrams

Radiated Emission



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Echo

File

Data :#1

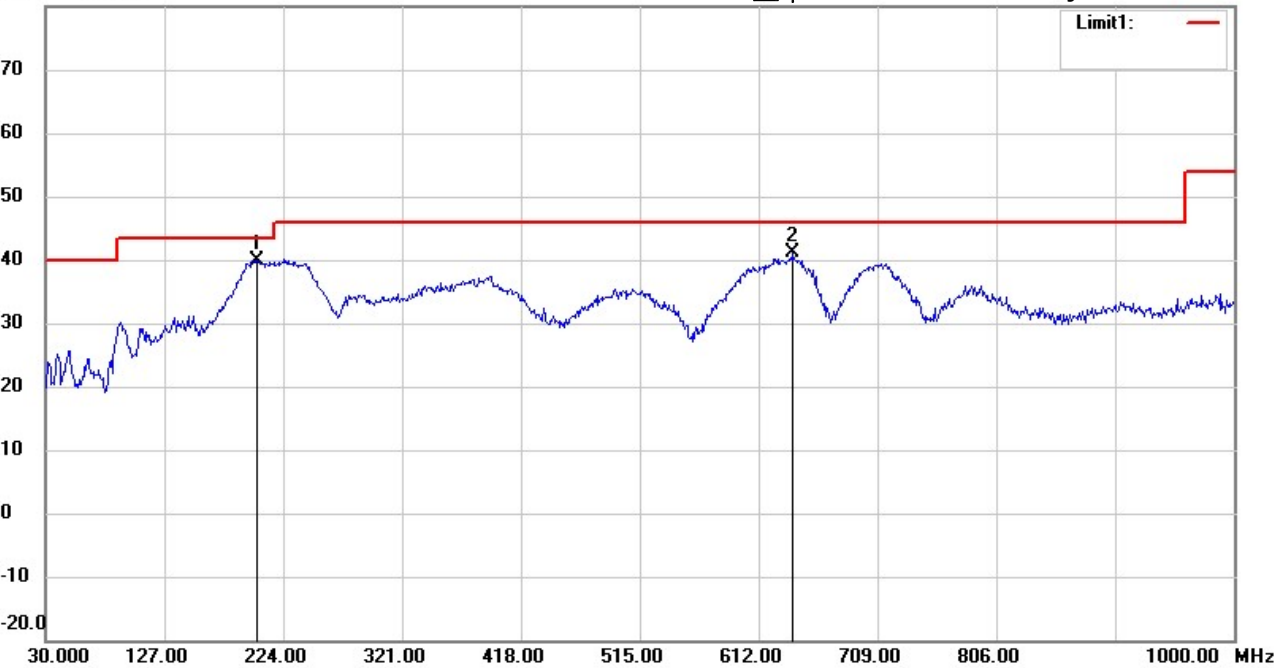
Date: 2025/6/7

Temperature:26.9 °C

80.0 dBuV/m

Time: 上午 02:45:26

Humidity:44.0 %



Site : Chamber_01

Condition : LP0002 4.10 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
*	202.6600	55.74	peak	-15.78	39.96	43.50	100	123	-3.54	
	640.1300	45.42	peak	-4.34	41.08	46.00	100	163	-4.92	



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Echo

File

Data :#2

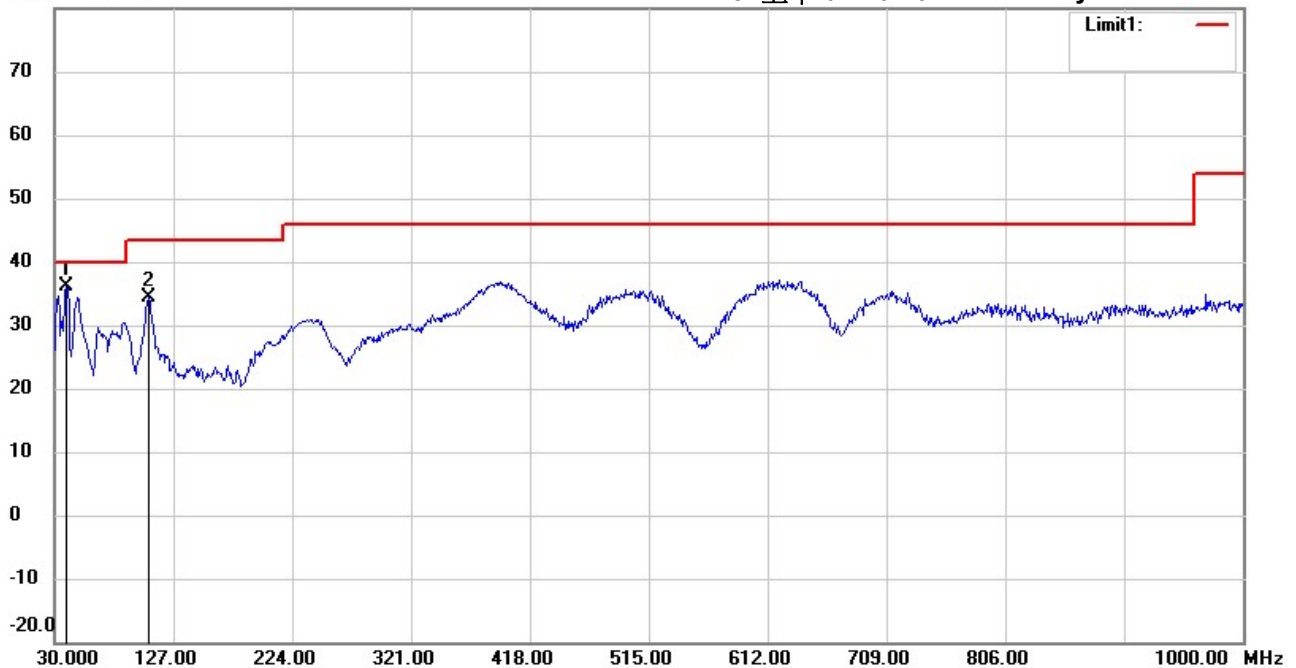
Date: 2025/6/7

Temperature:26.9 °C

80.0 dBuV/m

Time: 上午 02:46:10

Humidity:44.0 %



Site : Chamber_01

Condition : LP0002 4.10 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
*	39.7000	49.77	peak	-13.70	36.07	40.00	100	107	-3.93	
	106.6300	50.75	peak	-16.41	34.34	43.50	100	321	-9.16	

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



Radiated Emission Measurement

Operator: Echo

File

Data :#1

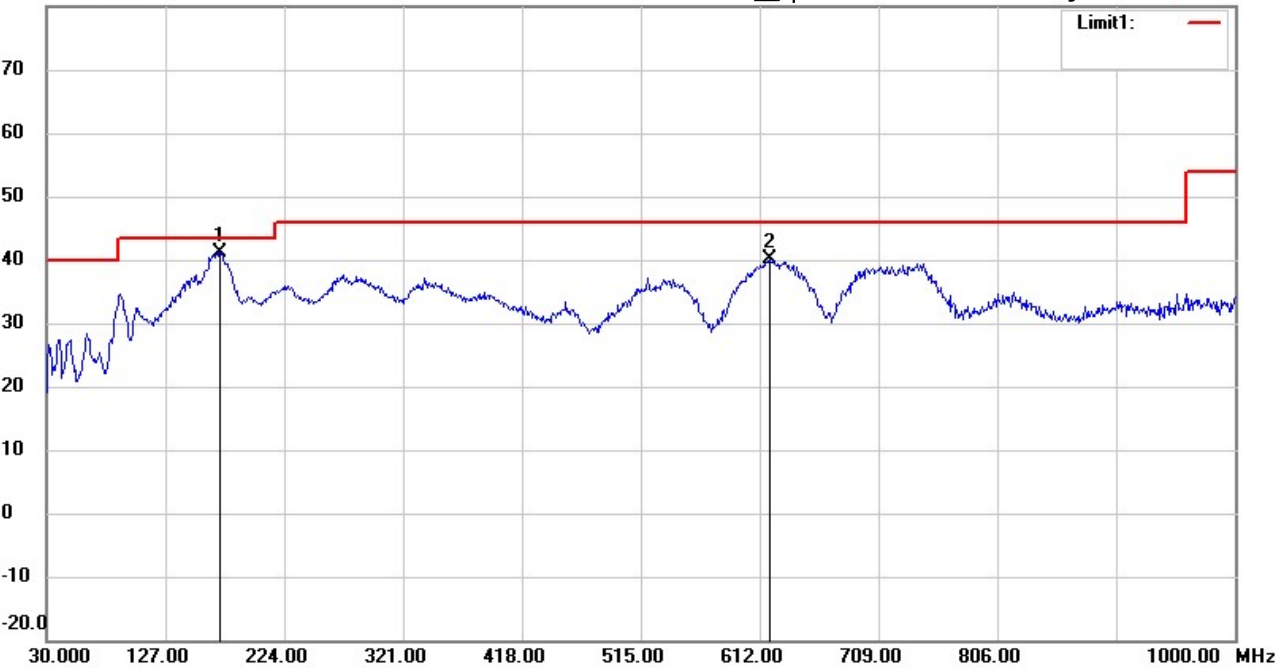
Date: 2025/6/7

Temperature:26.9 °C

80.0 dBuV/m

Time: 上午 02:39:10

Humidity:44.0 %



Site : Chamber_01

Condition : LP0002 4.10 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
*	171.6200	54.29	peak	-13.24	41.05	43.50	100	136	-2.45	
	620.7300	45.04	peak	-4.81	40.23	46.00	100	141	-5.77	



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Echo

File

Data :#2

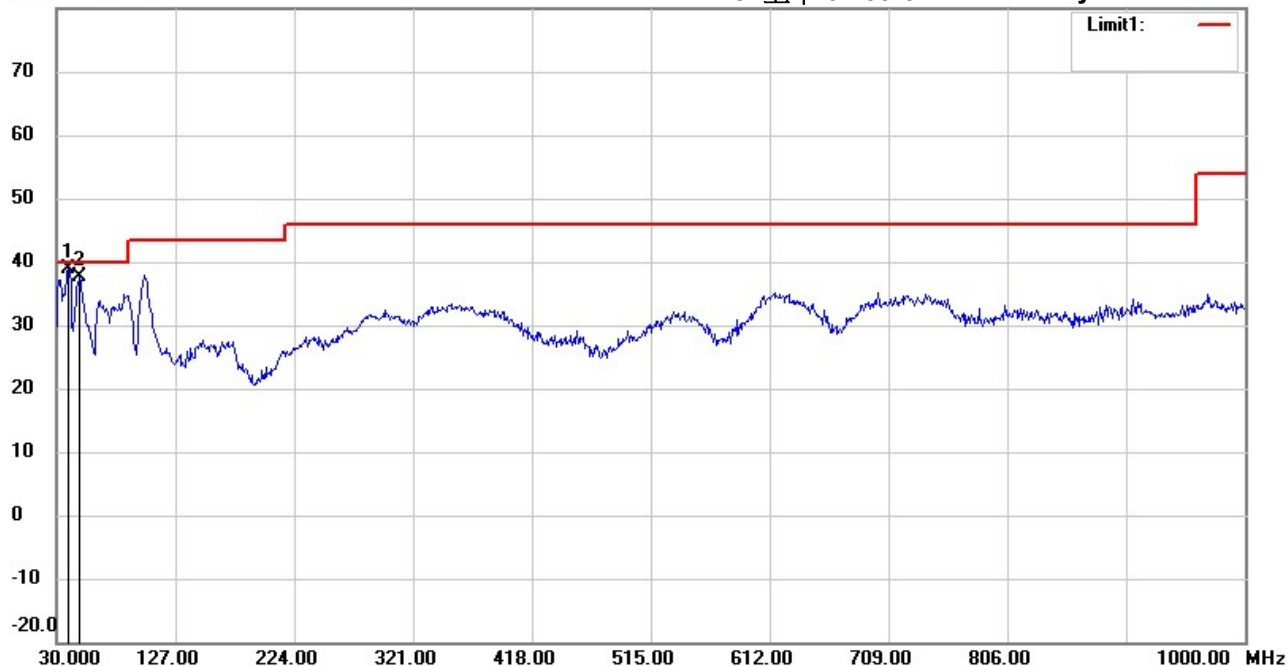
Date: 2025/6/7

Temperature:26.9 °C

80.0 dBuV/m

Time: 上午 02:39:54

Humidity:44.0 %



Site : Chamber_01

Condition : LP0002 4.10 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
*	39.7000	52.54	QP	-13.70	38.84	40.00	100	46	-1.16	
	48.4300	50.40	peak	-12.84	37.56	40.00	100	63	-2.44	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Echo

File

Data :#1

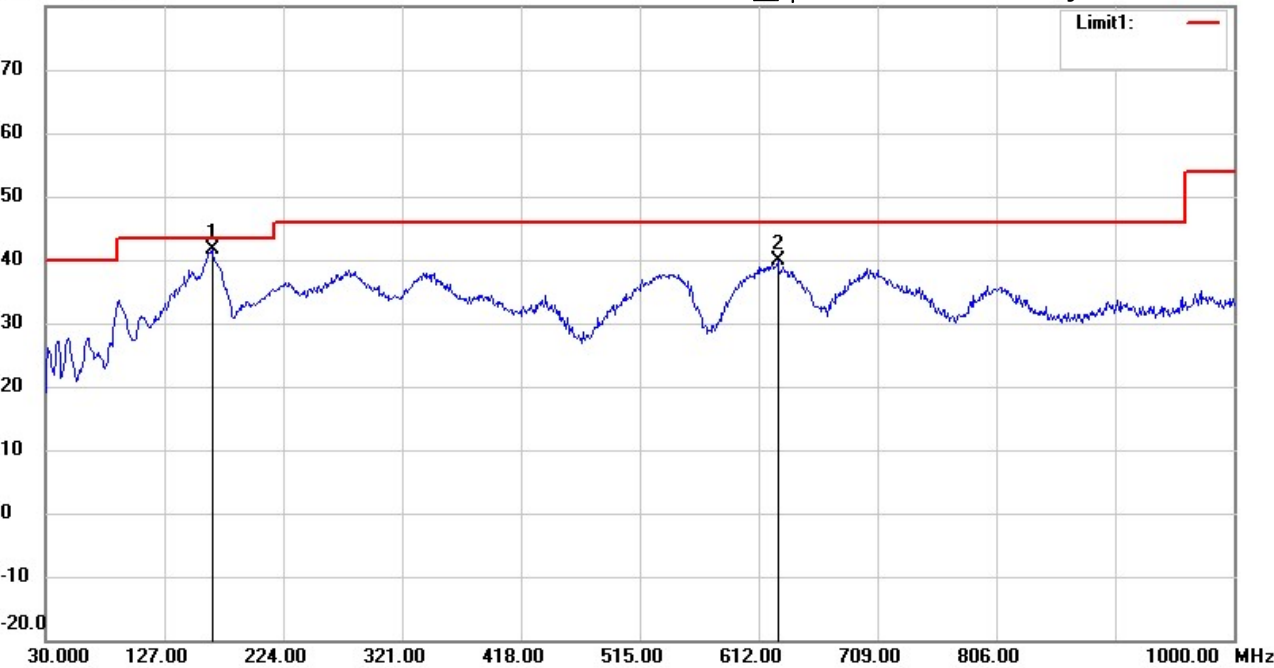
Date: 2025/6/7

Temperature:26.9 °C

80.0 dBuV/m

Time: 上午 02:49:47

Humidity:44.0 %



Site : Chamber_01

Condition : LP0002 4.10 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
*	165.8000	54.21	QP	-12.70	41.51	43.50	100	128	-1.99	
	627.5200	44.50	peak	-4.65	39.85	46.00	100	145	-6.15	



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Echo

File

Data :#2

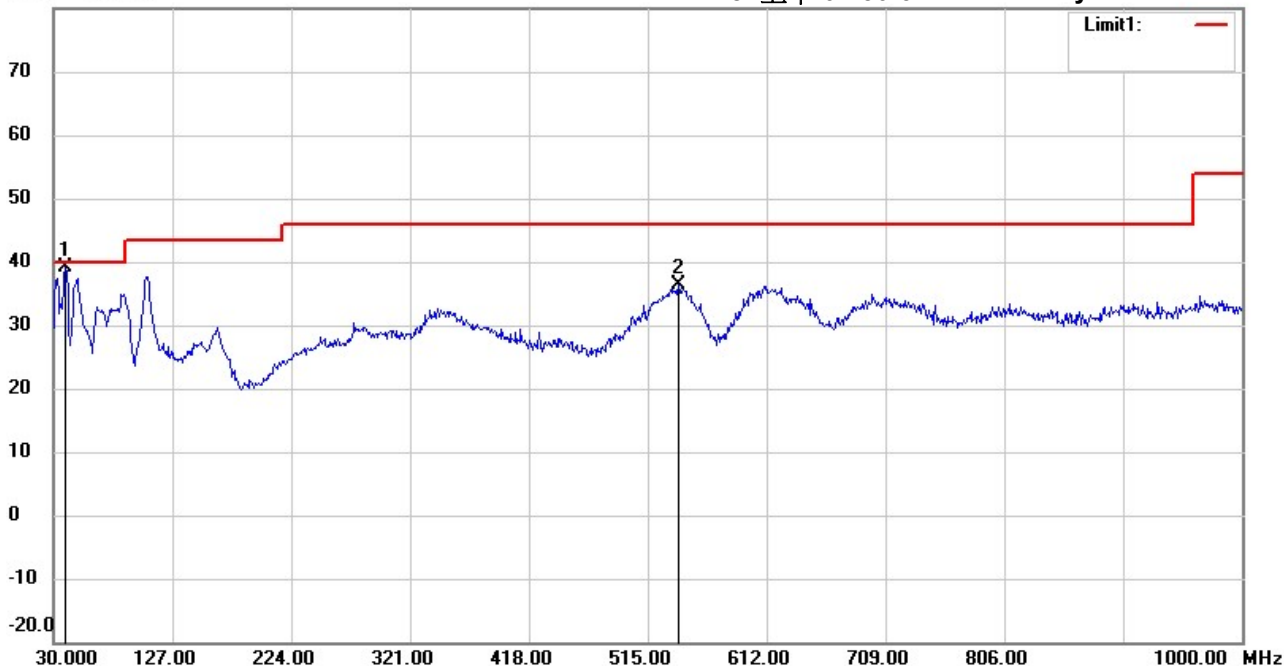
Date: 2025/6/7

Temperature:26.9 °C

80.0 dBuV/m

Time: 上午 02:50:32

Humidity:44.0 %



Site : Chamber_01

Condition : LP0002 4.10 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
*	39.7000	52.78	QP	-13.70	39.08	40.00	100	31	-0.92	
	540.2200	43.07	peak	-6.78	36.29	46.00	100	92	-9.71	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Gino

File :3

Data :#1

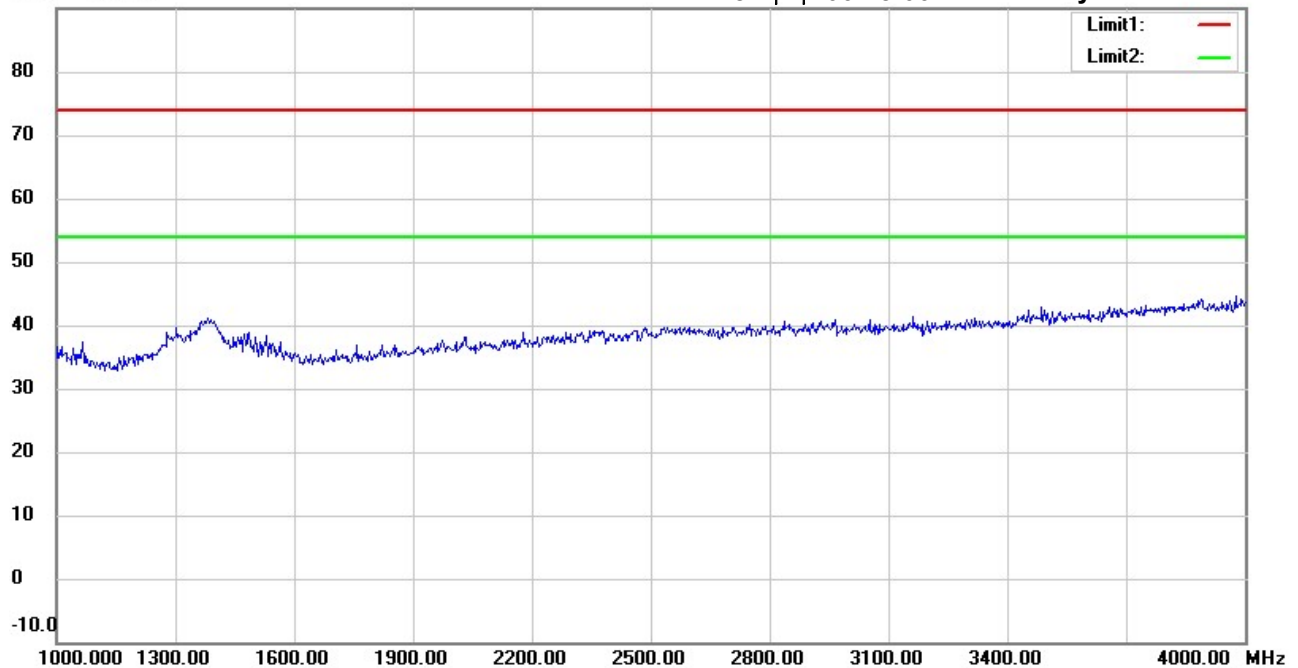
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:28:06

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

Polarization: **Horizontal**

EUT : W6M22504-24342

Power : 5 Vd.c.(USB)

M/N:

Distance: 3m

Test Mode : TX 2402MHz

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:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Gino

File :3

Data :#6

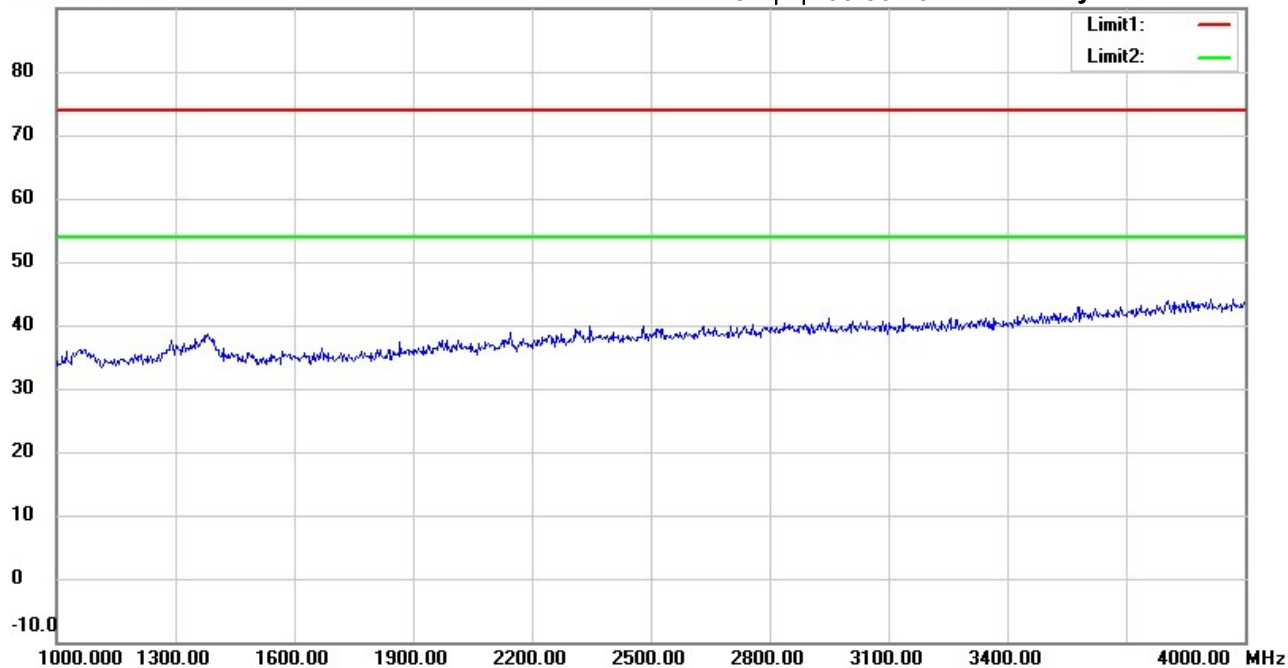
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:30:49

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei City
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #2

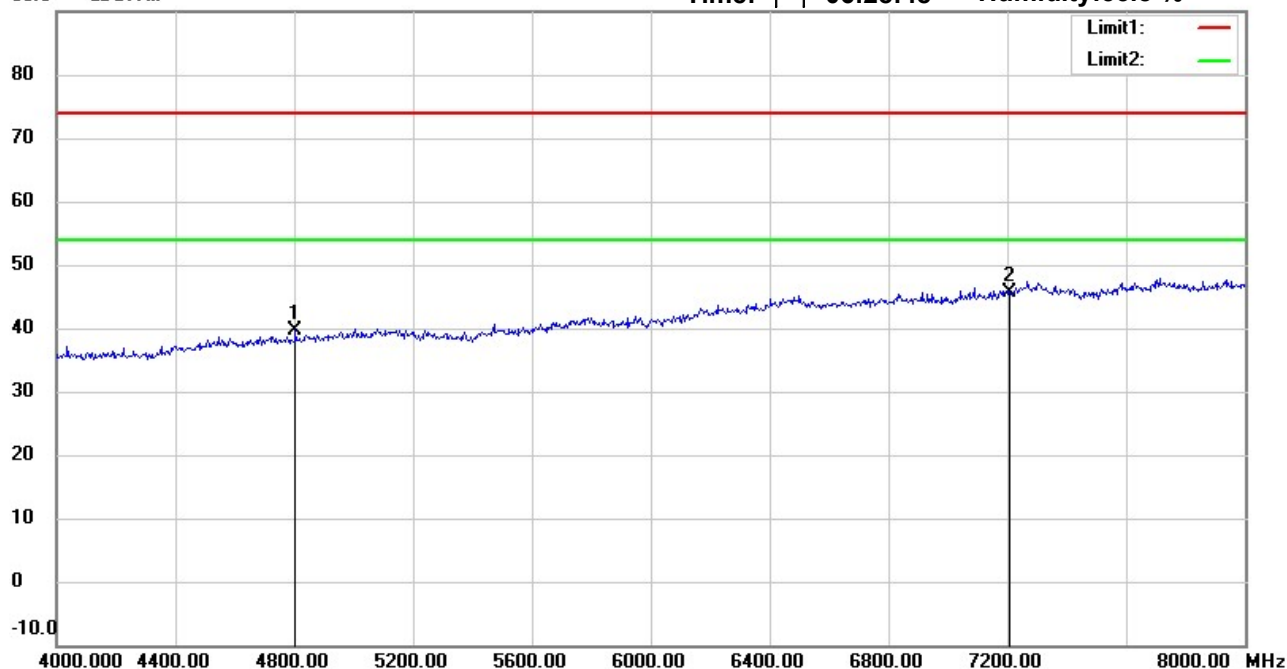
Date: 2025/6/9

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 06:28:48

Humidity: 53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
	4804.000	34.56	peak	5.13	39.69	74.00	150	167	-34.31	
*	7206.000	33.76	peak	11.90	45.66	74.00	150	215	-28.34	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#7

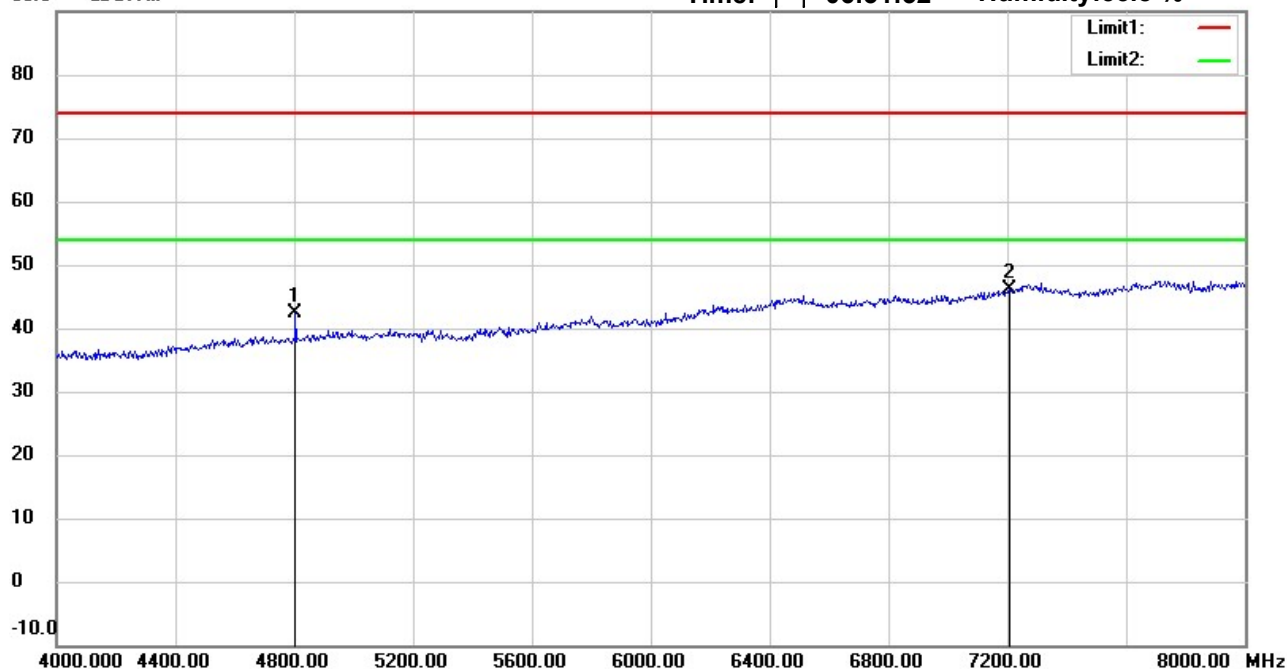
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:31:32

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
	4804.000	37.13	peak	5.13	42.26	74.00	150	1	-31.74	
*	7206.000	34.29	peak	11.90	46.19	74.00	150	92	-27.81	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Gino

File :3

Data :#3

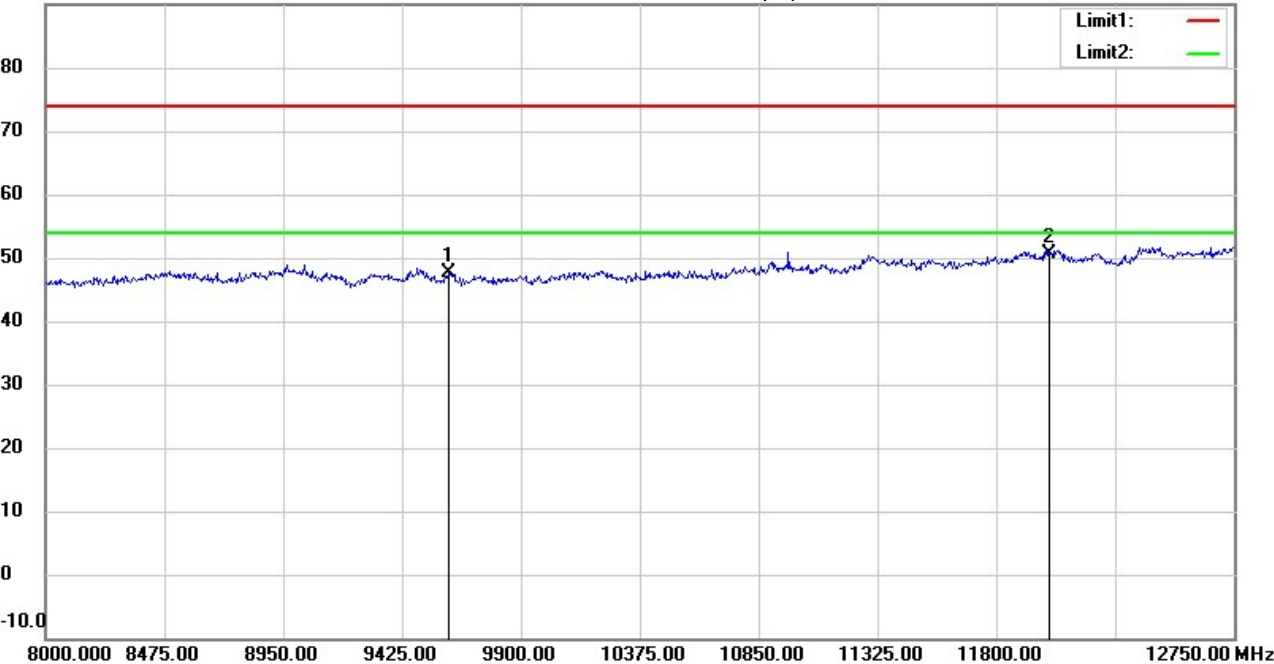
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:29:37

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
	9608.000	34.14	peak	13.52	47.66	74.00	150	52	-26.34	
*	12010.000	33.08	peak	17.61	50.69	74.00	150	308	-23.31	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#8

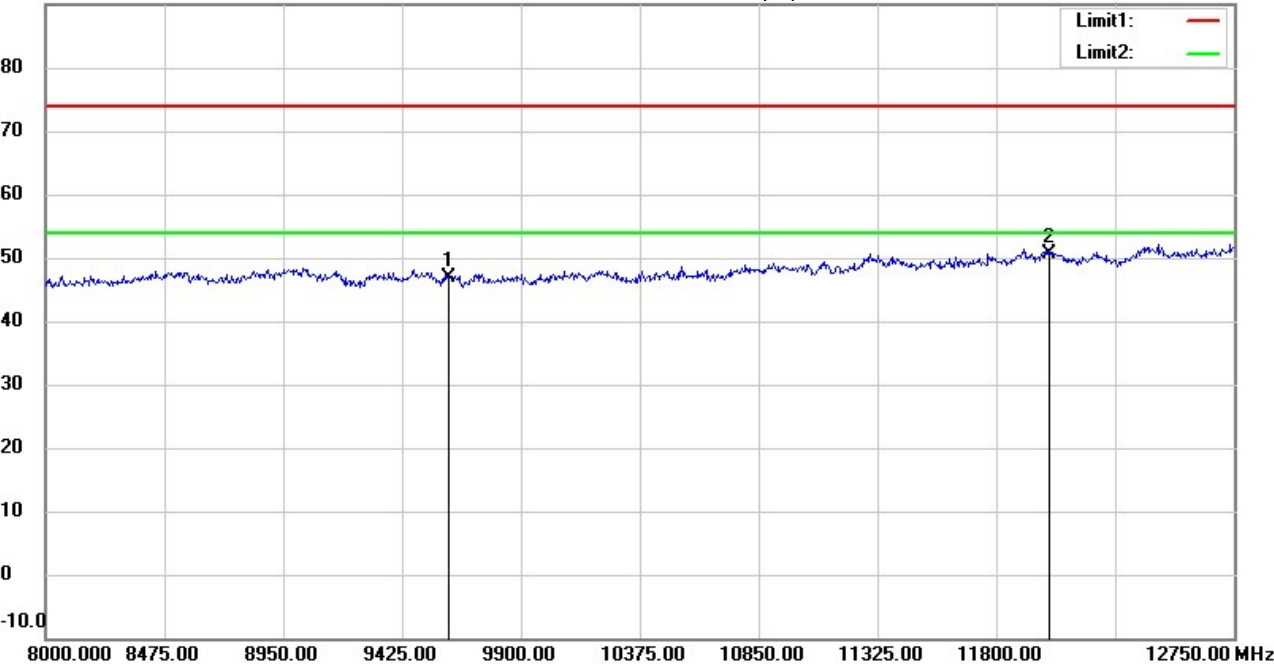
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:32:13

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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
	9608.000	33.43	peak	13.52	46.95	74.00	150	342	-27.05	
*	12010.000	33.14	peak	17.61	50.75	74.00	150	87	-23.25	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Gino

File :3

Data :#4

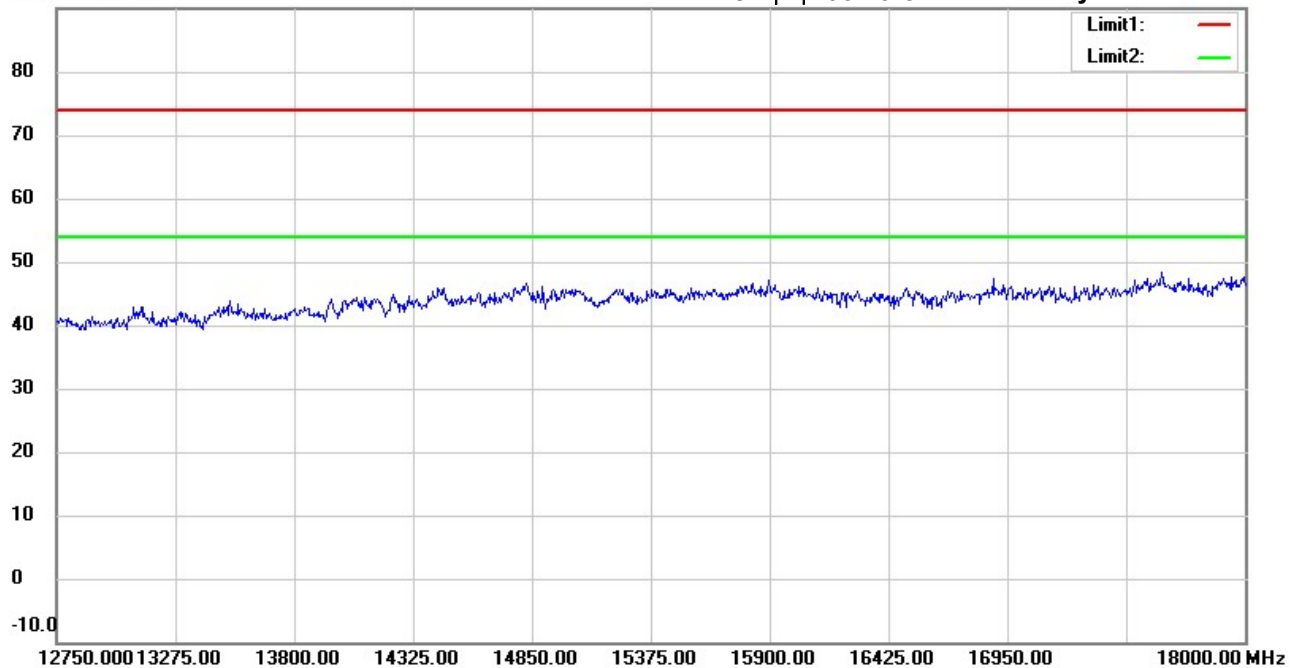
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:29:54

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Gino

File :3

Data :#9

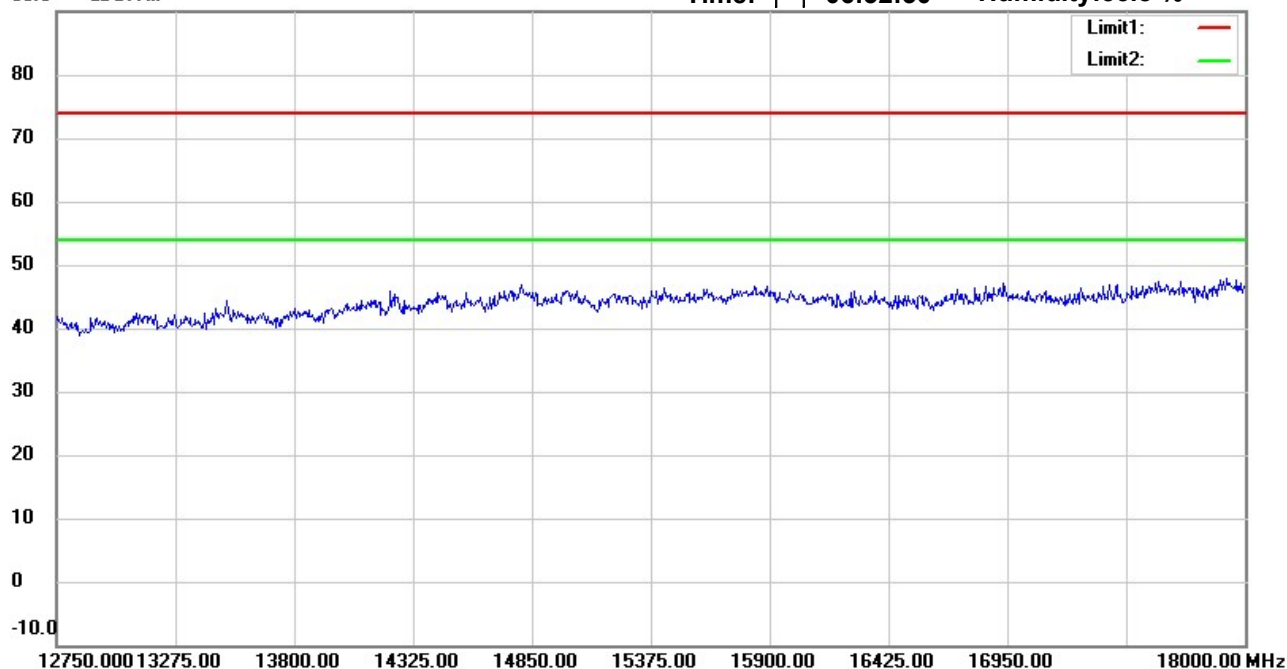
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:32:30

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#5

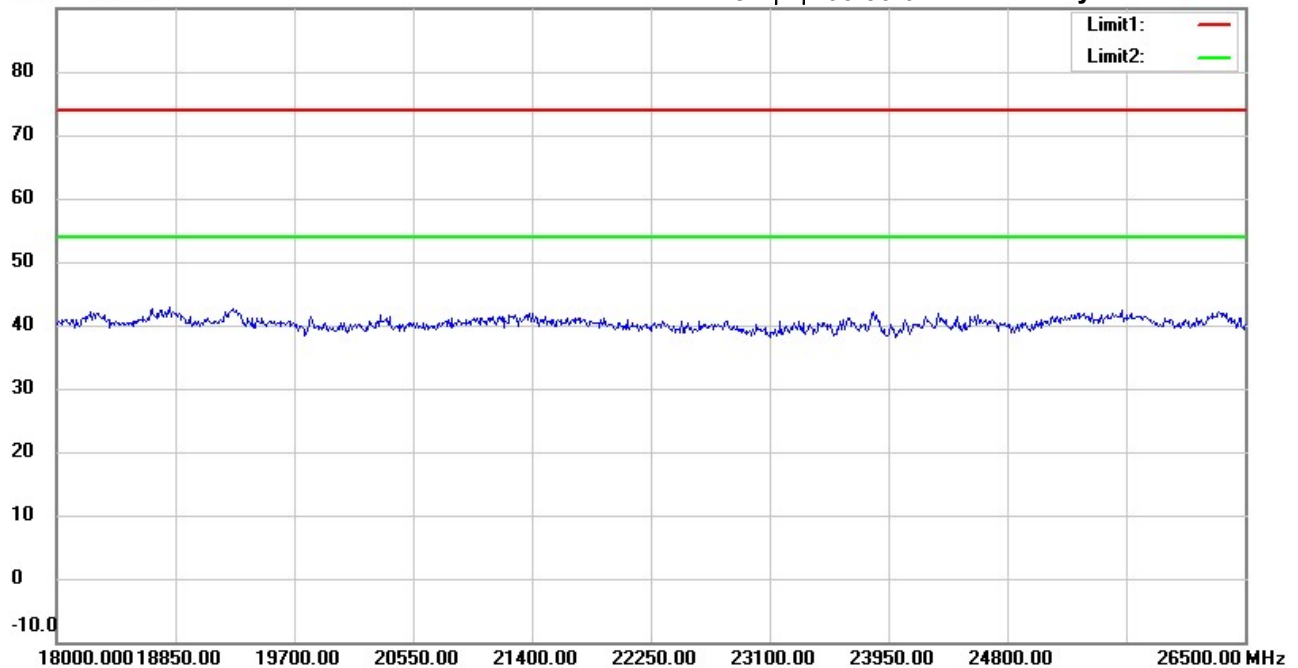
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:30:04

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#10

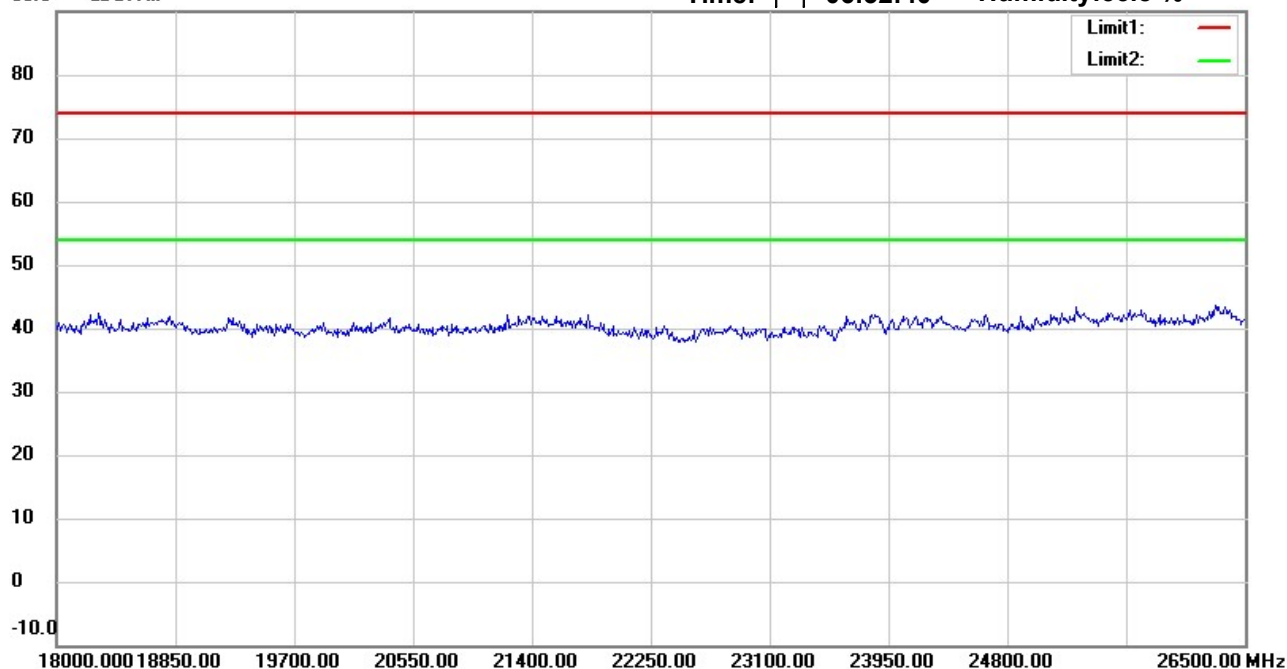
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 06:32:40

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2402MHz

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:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#1

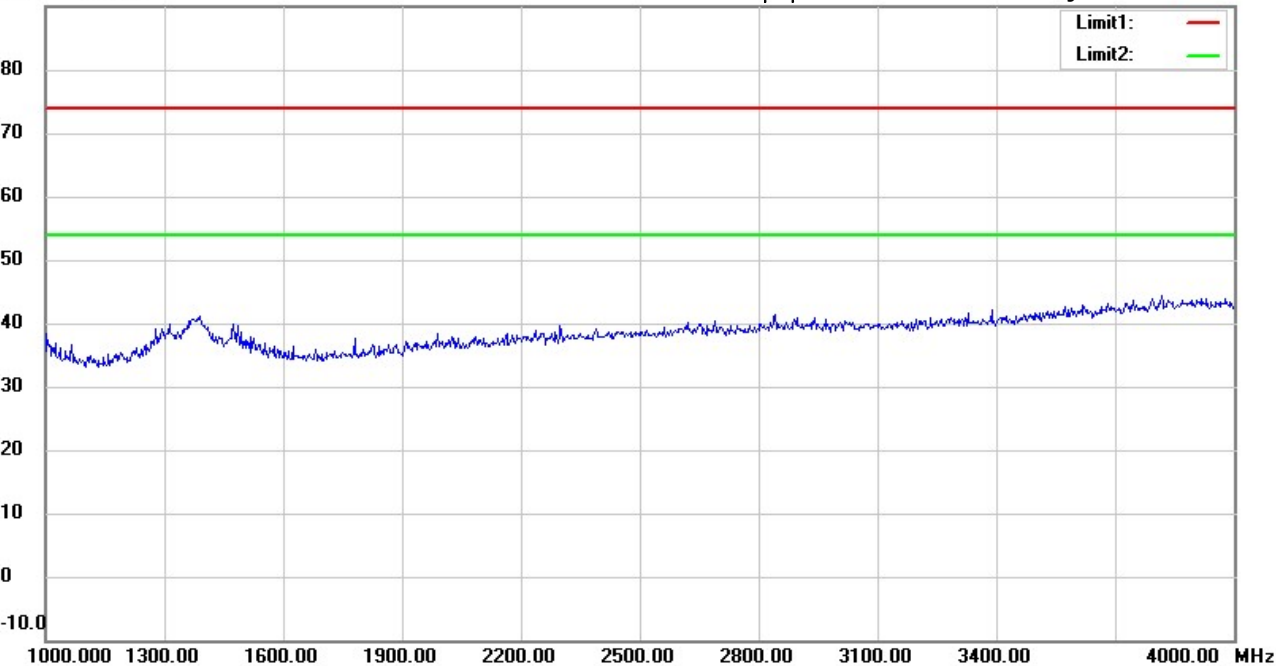
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:12:56

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Gino

File :3

Data :#6

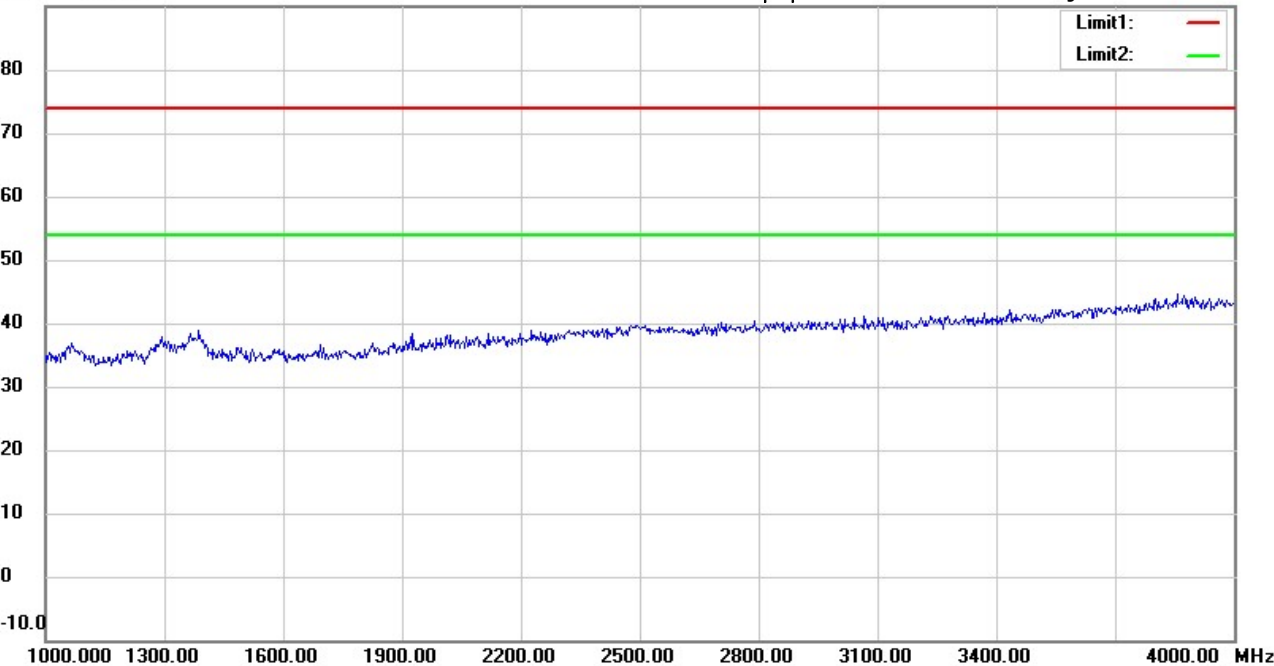
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:15:42

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#2

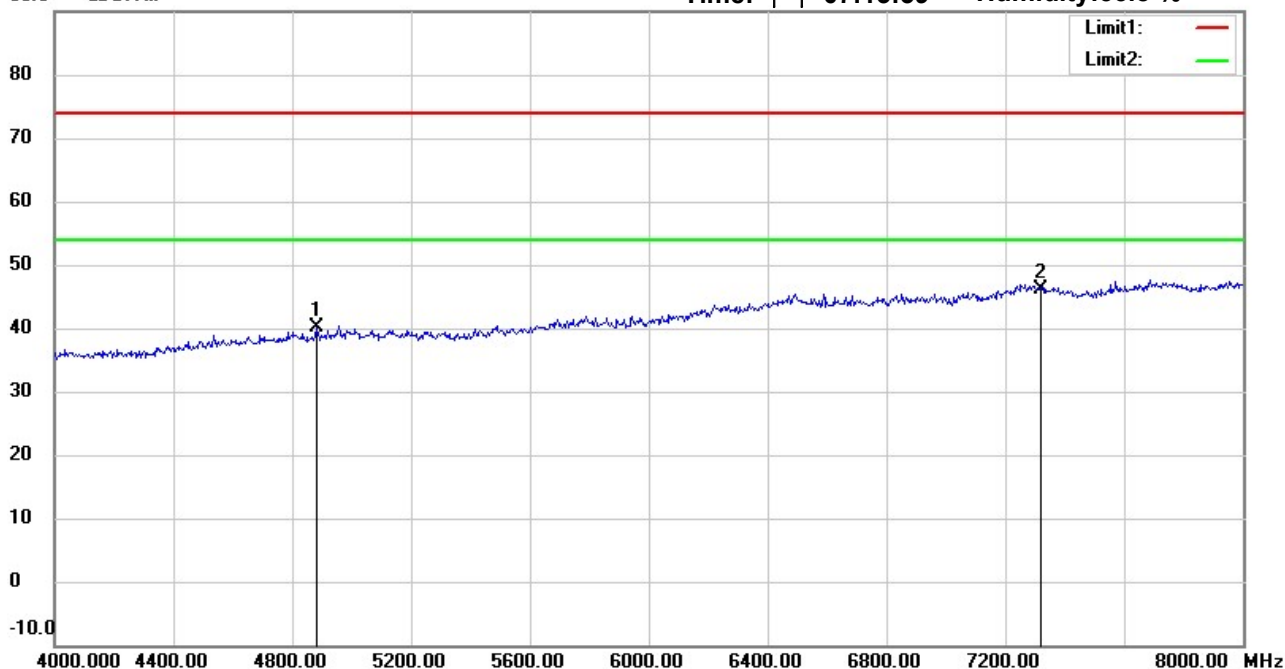
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:13:39

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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
	4880.000	34.80	peak	5.45	40.25	74.00	150	154	-33.75	
*	7320.000	33.40	peak	12.66	46.06	74.00	150	344	-27.94	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei City
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File : 3

Data : #7

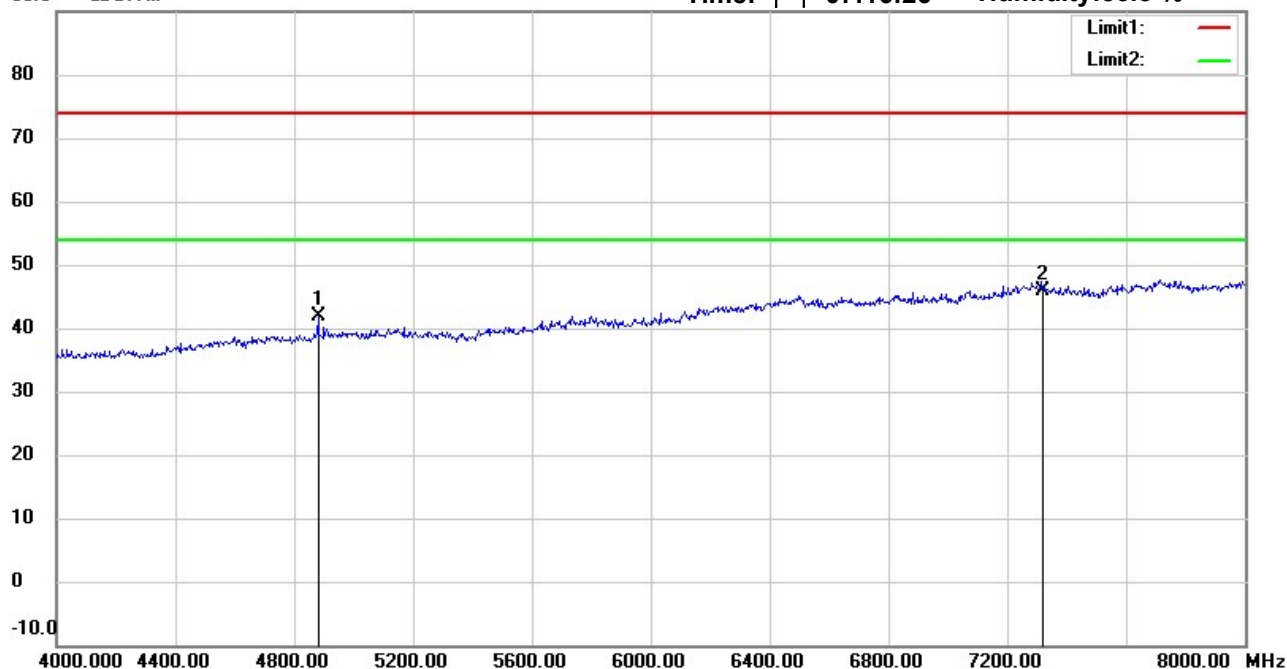
Date: 2025/6/9

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 07:16:26

Humidity: 53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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
	4880.000	36.45	peak	5.45	41.90	74.00	150	29	-32.10	
*	7320.000	33.28	peak	12.66	45.94	74.00	150	126	-28.06	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei City
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#3

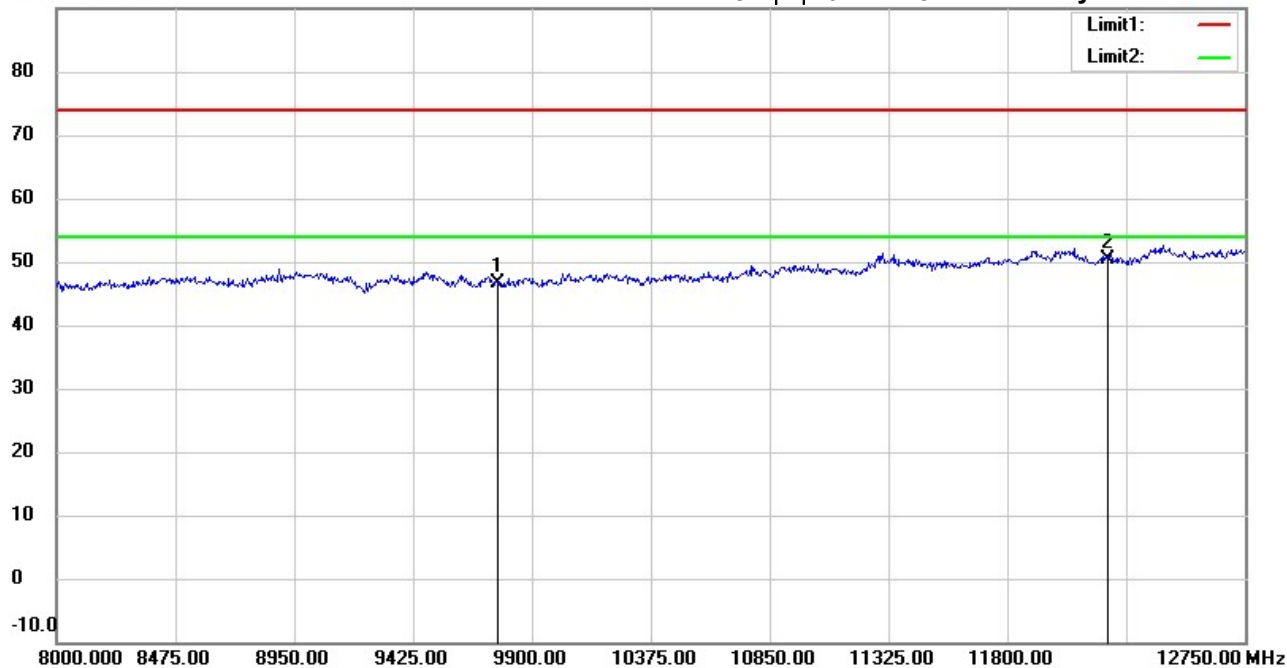
Date: 2025/6/9

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 07:14:28

Humidity: 53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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
	9760.000	32.61	peak	13.91	46.52	74.00	150	86	-27.48	
*	12200.000	32.79	peak	17.59	50.38	74.00	150	2	-23.62	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
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Radiated Emission Measurement

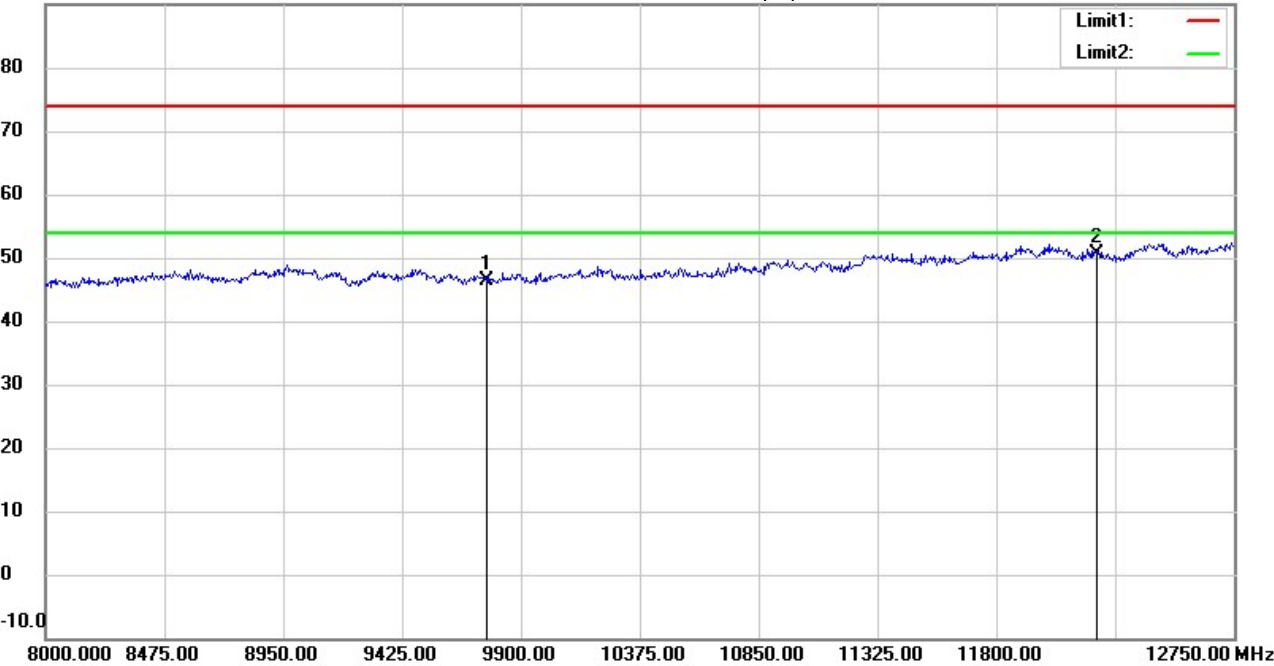
Operator: Gino
Temperature:27.1 °C
Humidity:53.8 %

File :3

Data :#8

Date: 2025/6/9
Time: 下午 07:17:08

90.0 dBuV/m



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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
	9760.000	32.38	peak	13.91	46.29	74.00	150	217	-27.71	
*	12200.000	33.15	peak	17.59	50.74	74.00	150	47	-23.26	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#4

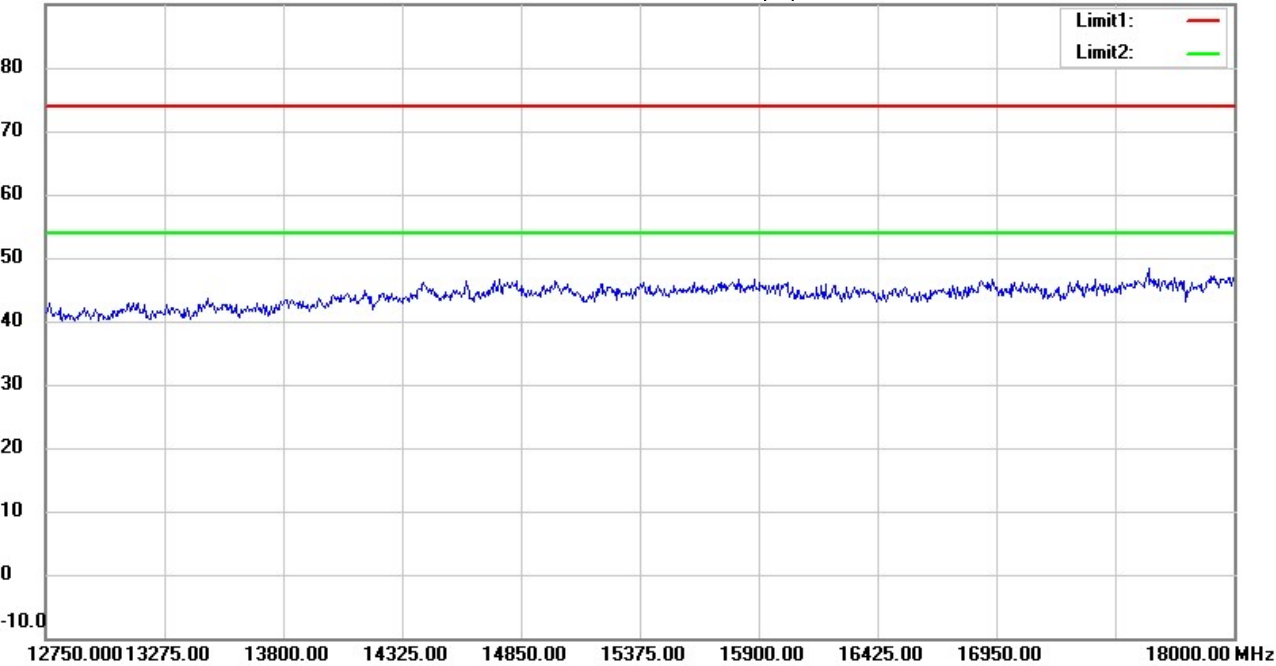
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:14:46

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei City
Tel:+886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File :3

Data :#9

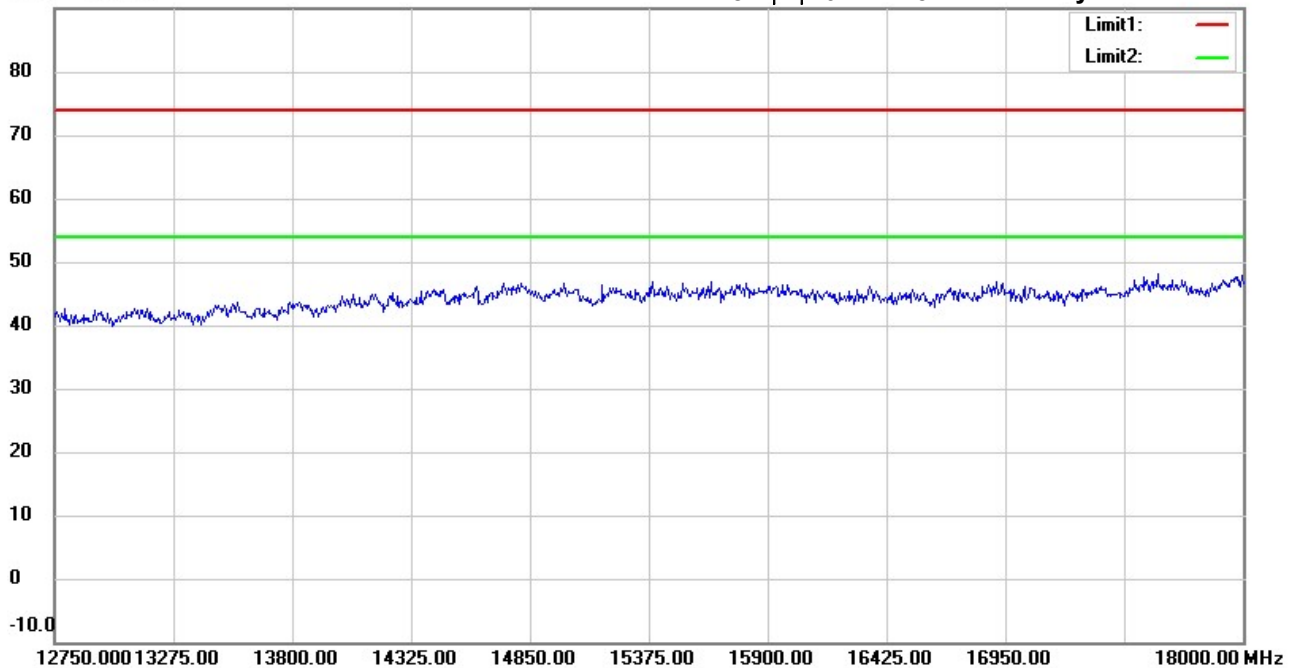
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:17:25

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei City
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Gino

File : 3

Data : #5

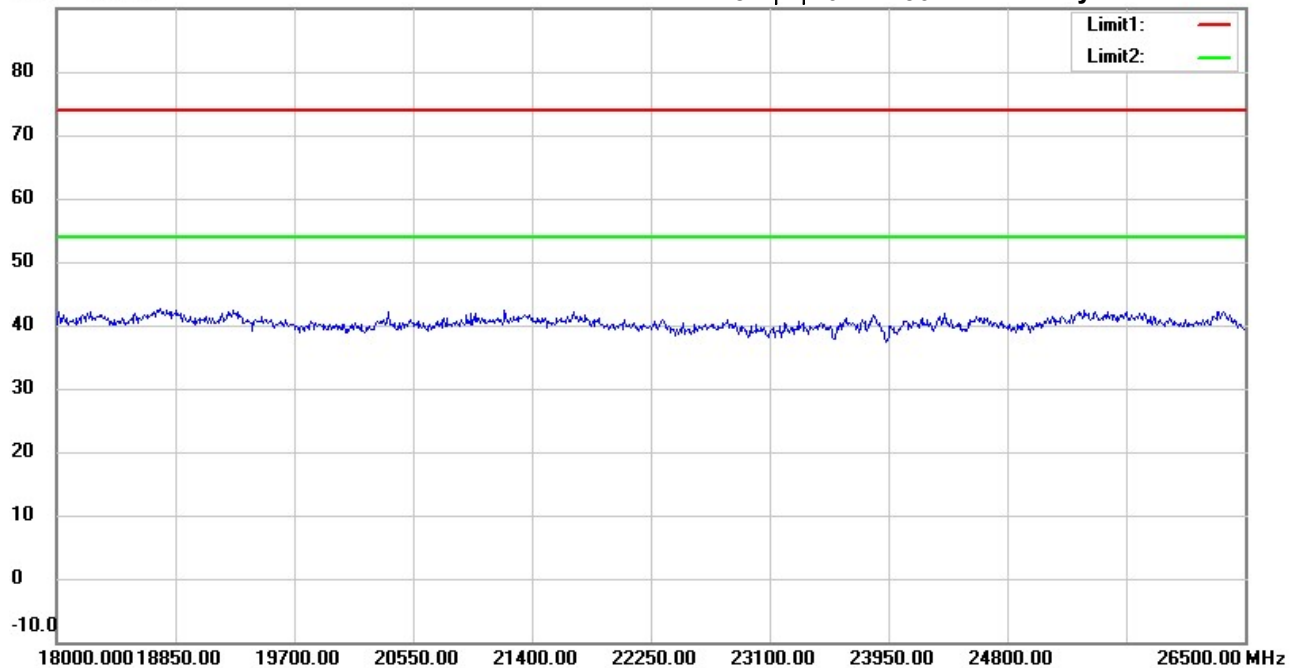
Date: 2025/6/9

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 07:14:56

Humidity: 53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei City
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #10

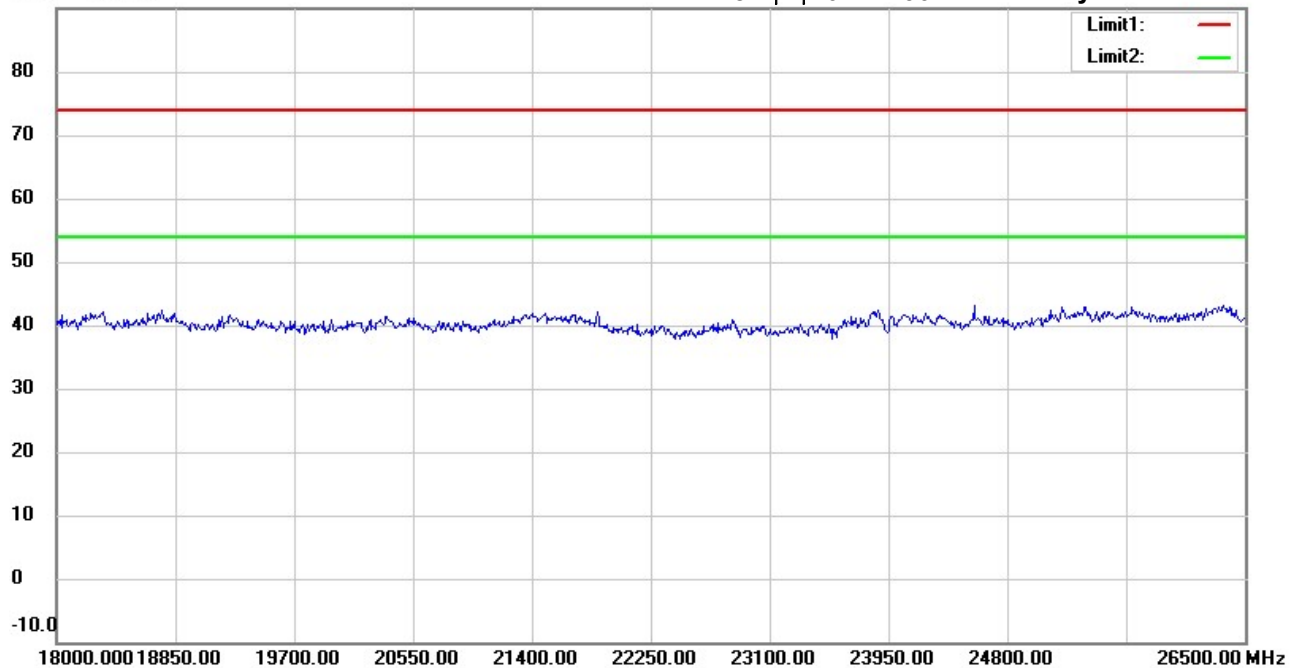
Date: 2025/6/9

Temperature: 27.1 °C

90.0 dBuV/m

Time: 下午 07:17:36

Humidity: 53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2440MHz

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



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Radiated Emission Measurement

Operator: Gino

File :3

Data :#1

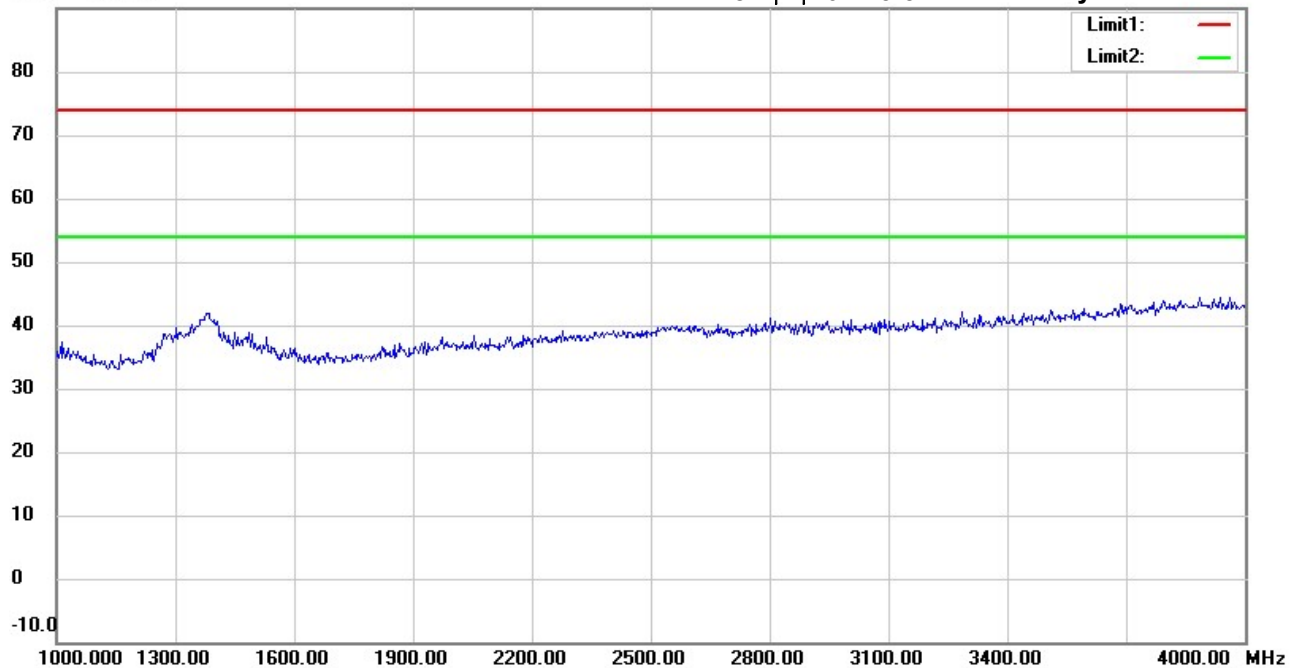
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:45:57

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

Polarization: **Horizontal**

EUT : W6M22504-24342

Power : 5 Vd.c.(USB)

M/N:

Distance: 3m

Test Mode : TX 2480MHz

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



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Radiated Emission Measurement

Operator: Gino

File :3

Data :#6

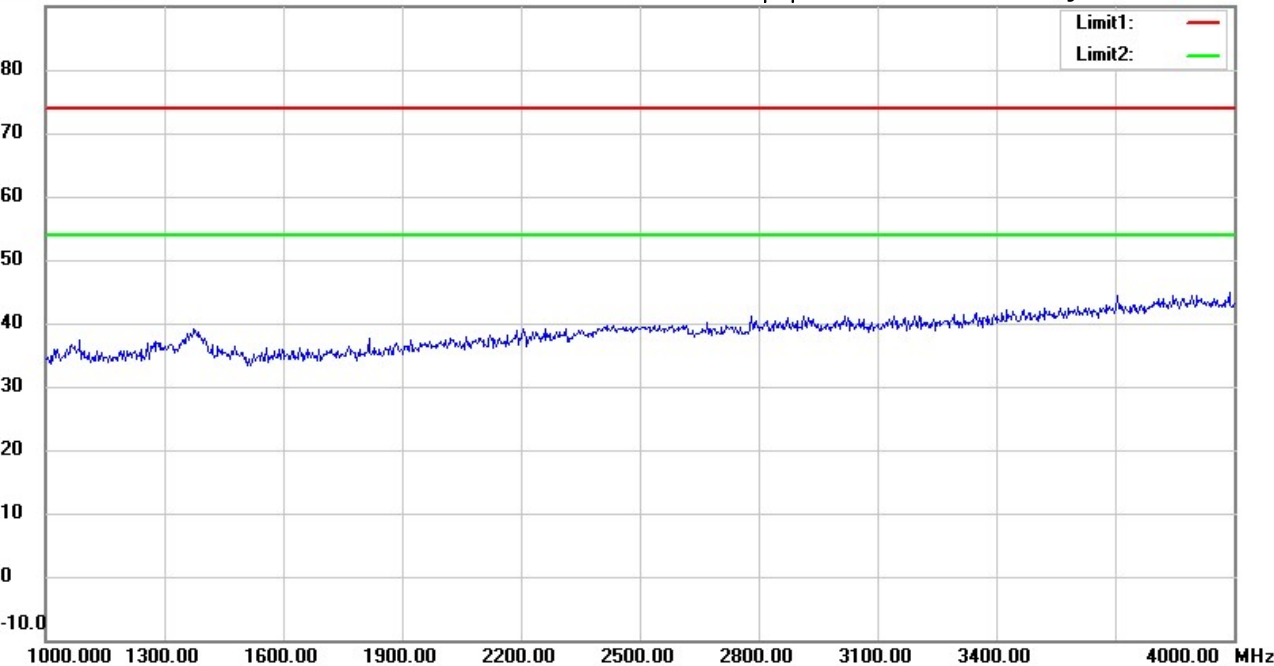
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:48:40

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin



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Radiated Emission Measurement

Operator: Gino

File :3

Data :#2

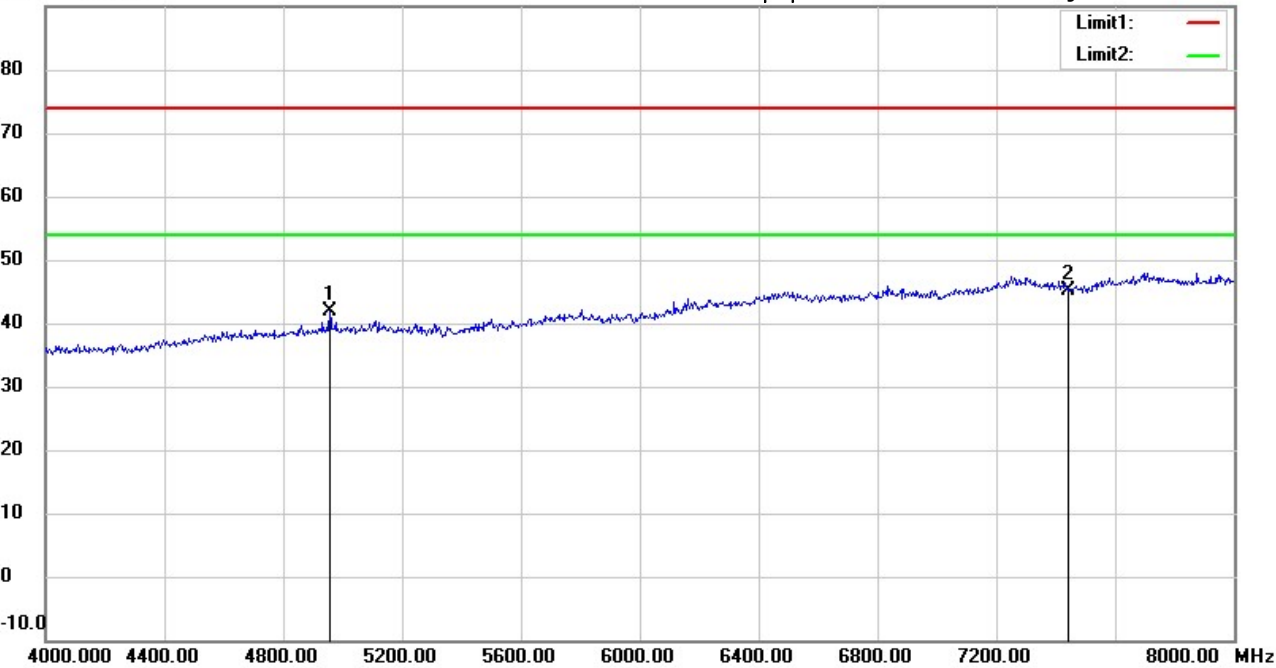
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:46:40

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4956.000	36.20	peak	5.75	41.95	74.00	150	239	-32.05	
*	7440.000	32.66	peak	12.56	45.22	74.00	150	108	-28.78	

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



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Radiated Emission Measurement

Operator: Gino

File :3

Data :#7

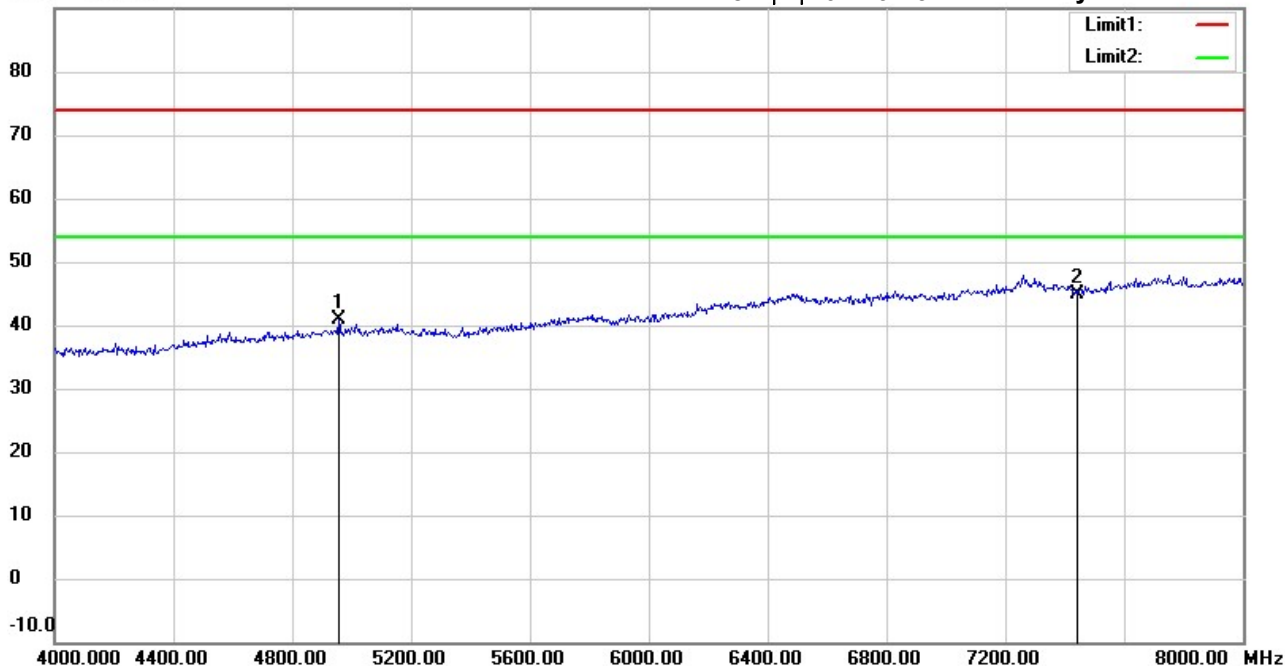
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:49:23

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4956.000	35.15	peak	5.75	40.90	74.00	150	2	-33.10	
*	7440.000	32.30	peak	12.56	44.86	74.00	150	324	-29.14	

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



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Radiated Emission Measurement

Operator: Gino

File :3

Data :#3

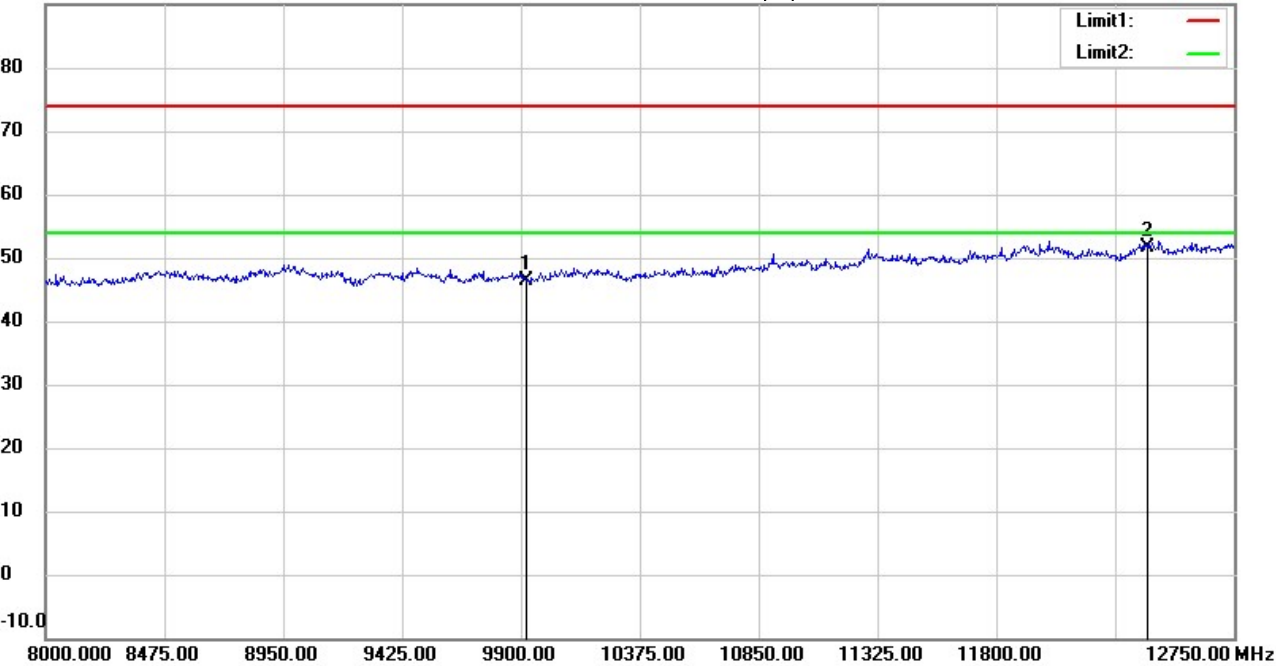
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:47:29

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	32.28	peak	14.03	46.31	74.00	150	63	-27.69	
*	12400.000	33.62	peak	18.12	51.74	74.00	150	341	-22.26	

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



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Radiated Emission Measurement

Operator: Gino

File :3

Data :#8

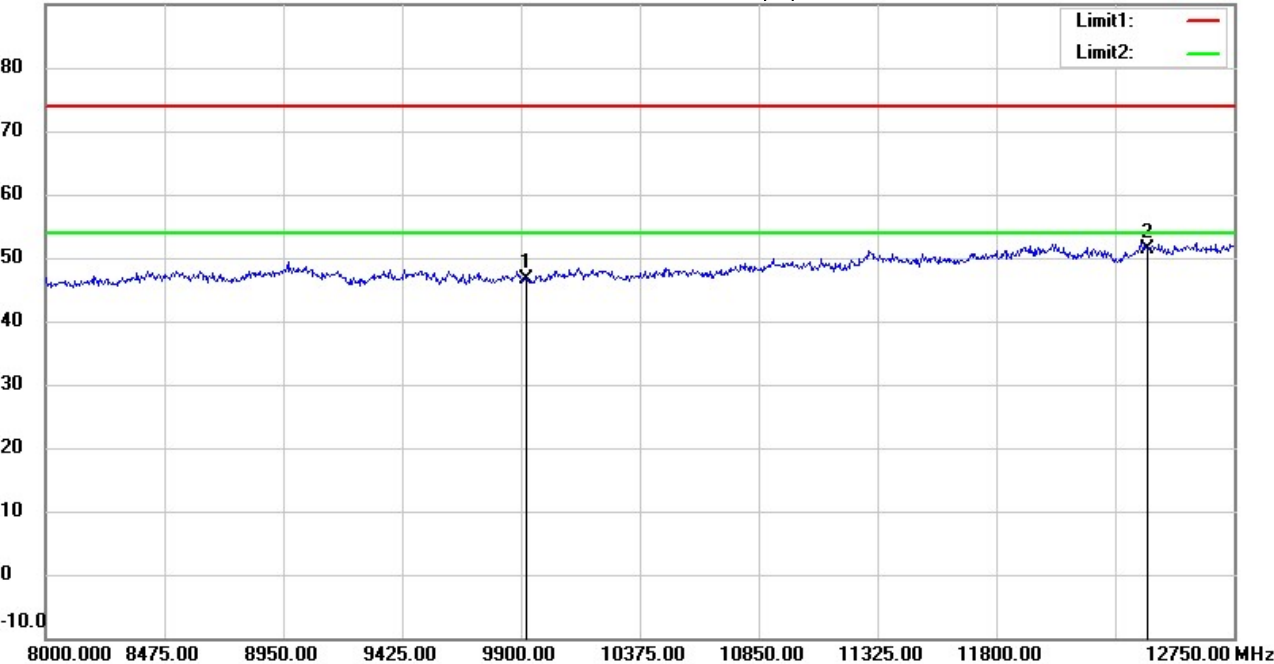
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:50:05

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	32.55	peak	14.03	46.58	74.00	150	285	-27.42	
*	12400.000	33.21	peak	18.12	51.33	74.00	150	279	-22.67	

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



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Radiated Emission Measurement

Operator: Gino

File :3

Data :#4

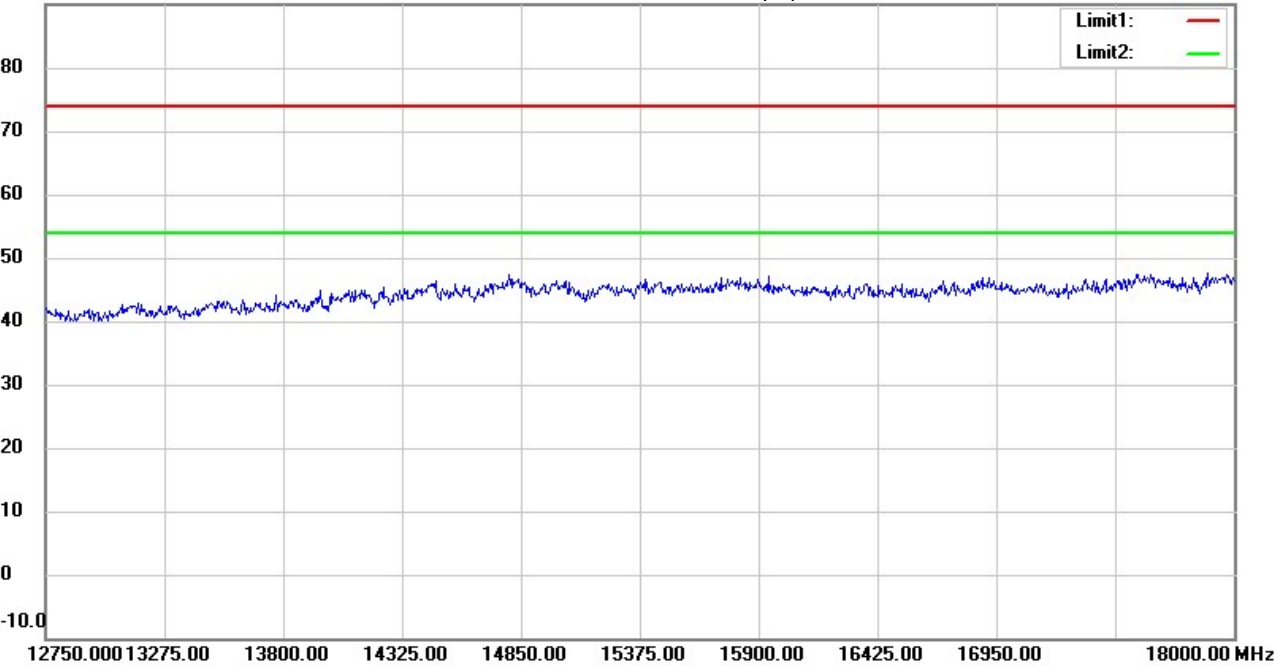
Date: 2025/6/9

Temperature:27.1 °C

90.0 dBuV/m

Time: 下午 07:47:45

Humidity:53.8 %



Site : Chamber_01

Condition : LP0002 4.10節 RE (2.4GHz)

EUT : W6M22504-24342

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 5 Vd.c.(USB)

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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*:Maximum data x:Over limit !:over margin