

47 CFR PART 15 SUBPART E TEST REPORT

for

Home Phone

Model No.: Blue

FCC ID: 2ARIOCC0032

of

Applicant: ClearCaptions LLC

Address: 3026 Owen Drive, Suite 111, Antioch, TN 37013 USA

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.: W6M22507-24608-C-2



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

TABLE OF CONTENTS

1	GENERAL INFORMATION.....	2
1.1	NOTES.....	2
1.2	TESTING LABORATORY	2
1.3	DETAILS OF APPROVAL HOLDER.....	3
1.4	APPLICATION DETAILS	3
1.5	GENERAL INFORMATION OF TEST ITEM.....	4
1.6	TEST STANDARDS.....	6
2	TECHNICAL TEST	7
2.1	SUMMARY OF TEST RESULTS	7
2.2	TEST ENVIRONMENT	7
2.3	TEST EQUIPMENT LIST.....	9
2.4	TEST PROCEDURE	11
3	TEST RESULTS (ENCLOSURE)	14
3.1	PEAK TRANSMIT POWER, FCC 15.407 (A).....	15
3.2	26dB EMISSION BANDWIDTH, 99% OCCUPIED BANDWIDTH, FCC 15.407 (A)	36
3.3	6dB EMISSION BANDWIDTH, 99% OCCUPIED BANDWIDTH, FCC 15.407 (A)	51
3.4	PEAK POWER SPECTRAL DENSITY, FCC 15.407 (A)	56
3.5	UNDESIRABLE EMISSION LIMITS, FCC 15.407 (B)	76
3.6	AUTOMATIC DISCONTINUATION OF TRANSMISSION, FCC 15.407 (C).....	78
3.7	RESERVED, FCC 15.407 (D).....	78
3.8	INDOOR OPERATION RESTRICTION, FCC 15.407 (E)	78
3.9	TRANSMIT POWER CONTROL (TPC)	78
3.10	DYNAMIC FREQUENCY SELECTION (DFS)	79
3.11	RADIATED EMISSIONS FROM RECEIVER PART.....	172
3.12	POWER LINE CONDUCTED EMISSION	87



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

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.

Specific Conditions:

Usage of the hereunder tested device in combination with other integrated or external antennas requires at least additional output power measurements, spurious emission measurements, conducted emission measurements (AC supply lines) and radio frequency exposure evaluations for each individual configuration performed, for certification by FCC.

Tester:

September 15, 2025

Sora Kuo

Sora

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

September 15, 2025

Kevin Wang

Kevin Wang

Date

WTS

Name

Signature



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Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

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 number: ./.

Street: ./.

Town: ./.

Country: ./.

1.3 Details of approval holder

Name: ClearCaptions LLC

Street: 3026 Owen Drive, Suite 111, Antioch,

Town: TN 37013

Country: USA

1.4 Application details

Date of receipt of test item: July 28, 2025

Date of test: from July 29, 2025 to August 08, 2025



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

1.5 General information of Test item

Type of test item: Home Phone
Model number: Blue
Brand name: ClearCaptions
Multi-listing model number: ./.
Sample no.: #03

Technical data

Frequency band: WLAN 5G
Band 1: 5.150 GHz-5.250 GHz, Band 2: 5.250 GHz-5.350 GHz,
Band 3: 5.470 GHz-5.725 GHz, Band 4: 5.725 GHz-5.850 GHz

Band	Mode	Channel	Conducted Power (dBm)
NII-1	802.11a	Ch 36 : 5180 MHz	12.31
		Ch 44 : 5220 MHz	15.37
		Ch 48 : 5240 MHz	15.41
	802.11n 20MHz	Ch 36 : 5180 MHz	11.59
		Ch 44 : 5220 MHz	15.30
		Ch 48 : 5240 MHz	15.39
	802.11n 40MHz	Ch 38 : 5190 MHz	9.08
		Ch 46 : 5230 MHz	12.32
	802.11ac 80MHz	Ch 42 : 5210 MHz	8.69
NII-2A	802.11a	Ch 52 : 5260 MHz	15.14
		Ch 60 : 5300 MHz	15.16
		Ch 64 : 5320 MHz	13.37
	802.11n 20MHz	Ch 52 : 5260 MHz	15.04
		Ch 60 : 5300 MHz	15.09
		Ch 64 : 5320 MHz	12.27
	802.11n 40MHz	Ch 54 : 5270 MHz	12.14
		Ch 62 : 5310 MHz	11.91
	802.11ac 80MHz	Ch 58 : 5290 MHz	10.60



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

Band	Mode	Channel	Conducted Power (dBm)
NII-2C	802.11a	Ch 100 : 5500 MHz	10.50
		Ch 120 : 5600 MHz	13.94
		Ch 140 : 5700 MHz	11.27
	802.11n 20MHz	Ch 100 : 5500 MHz	8.28
		Ch 120 : 5600 MHz	13.89
		Ch 140 : 5700 MHz	9.35
	802.11n 40MHz	Ch 102 : 5510 MHz	6.50
		Ch 116 : 5590 MHz	11.10
		Ch 134 : 5670 MHz	11.28
	802.11ac 80MHz	Ch 106 : 5530 MHz	7.71
		Ch 122 : 5610 MHz	10.00
NII-3	802.11a	Ch 149 : 5745 MHz	14.07
		Ch 157 : 5785 MHz	14.06
		Ch 165 : 5825 MHz	14.10
	802.11n 20MHz	Ch 149 : 5745 MHz	13.92
		Ch 157 : 5785 MHz	13.99
		Ch 165 : 5825 MHz	13.81
	802.11n 40MHz	Ch 151 : 5755 MHz	11.32
		Ch 159 : 5795 MHz	11.30
	802.11ac 80MHz	Ch 155: 5775 MHz	9.91



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Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Operating modes: Duplex

Type of modulation: OFDM/DSSS

Fixed point to point operation: Yes / No

Type of antenna: PIFA antenna

Antenna gain: 3.4dBi

Power supply: Adaptor (Model number: 2AAJ024F)
(I/P: 100-240V~ 50/60Hz 0.8A O/P: 12.0, 2.0A, 24.0W)
Adaptor (Model number: A241-1202000U)
(I/P: 100-240V~ 50/60Hz 0.8A
O/P: 12.0, 2.0A)
Adaptor (Model number: ATS018T-W120U)
(I/P: 100-240V~ 50/60Hz 0.48A
O/P: 12.0, 1.6A, 19.2W)

Note: Tests were performed under worst case mode 802.11a 6 Mbps, 802.11ax 20MHz(MCS0), 802.11ax 40MHz(MCS0) and 802.11ax 80MHz(MCS0).

Note: This device was functioned as a ☐ Master ☒ Slave device during the DFS

Manufacturer: (if applicable)

Name: Honor Tone Limited
Street: Unit 9-11, 7/F Technology Park, #18 On Lai Street, Shatin,
Town: New Territories,
Country: Hong Kong

Duty cycle

Mode	T _{on} (ms)	T _{on} +T _{off} (ms)	Duty cycle (%)	Duty Factor (dB)	1/T - VBW (kHz)
802.11a	2.083	2.091	99.62%	0.02	0.01
802.11n 20MHz	1.947	1.955	99.59%	0.02	0.01
802.11n 40MHz	0.962	0.970	99.18%	0.04	0.01
802.11ac 80MHz	0.471	0.481	97.92%	0.09	2.12

1.6 Test standards

47 CFR PART 15 SUBPART E § 15.407 (2024-10)



Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

2 Technical test

2.1 Summary of test results

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



or

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



2.2 Test environment

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Details of power supply: Adaptor (Model number: 2AAJ024F)
(I/P: 100-240V~ 50/60Hz 0.8A O/P: 12.0, 2.0A, 24.0W)
Adaptor (Model number: A241-1202000U)
(I/P: 100-240V~ 50/60Hz 0.8A
O/P: 12.0, 2.0A)
Adaptor (Model number: ATS018T-W120U)
(I/P: 100-240V~ 50/60Hz 0.48A
O/P: 12.0, 1.6A, 19.2W)

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) (Undesirable emission limits, Radiated Emissions from Receiver Part)	Expanded Uncertainty : 0.009-30 MHz : 1.85 dB 30-1000 MHz : 3.92 dB 1-18 GHz : 3.19 dB 18-40 GHz : 1.90 dB
Estimation Result of Uncertainty of Bandwidth Measurement (26dB emission bandwidth, 99% Occupied Bandwidth, 6dB emission bandwidth, 99% Occupied Bandwidth)	Expanded Uncertainty : 0.37 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement (Peak Transmit Power)	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 EIRP Measurement (Equivalent Isotropic Radiated Power (EIRP), Radiated Emissions from Receiver Part)	Expanded Uncertainty : 30-200MHz : 2.05 dB 200-1000MHz : 2.04 dB 1-18GHz : 3.93 dB 18-40GHz : 2.89 dB



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

Estimation Result of Uncertainty of DFS Timing (Dynamic Frequency Selection (DFS), Channel Move Time, Channel Closing Transmission Time)	Expanded Uncertainty : 601.18 us
Estimation Result of Uncertainty of DFS Threshold (Dynamic Frequency Selection (DFS), Channel Move Time, Channel Closing Transmission Time)	Expanded Uncertainty : 1.12 dB

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



Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

2.3 Test Equipment List

Max Output Power&Power Density&EBW(26DB)&OBW&6DB Bandwidth

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

DFS

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2025/2/14	2026/2/13
ETSTW-RE 133	EXA Signal Analyzer	N9010A	MY53470566	Agilent	2025/5/8	2026/5/7
ETSTW-RE 134	MXG Vector Signal Generator	N5182B	MY53050664	Agilent	2025/5/17	2026/5/16
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2024/8/26	2025/8/25
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	2025/7/11	2026/7/10
ETSTW-RE 177	TRILOG Broadband Antenna	VULB 9168&EMCI-N-6-06	01380&AT-06007	SCHWARZBECK&EMC	2025/3/10	2026/3/9
ETSTW-RE 178	Double Ridged Guide Horn Antenna	DRH18-E	210505A18ES	RFSPIN	2025/3/7	2026/3/6
ETSTW-Cable 077	SMA type cable (10m)	EMC104-SM-SM-10000	230511	EMCI	2025/7/11	2026/7/10
ETSTW-Cable 084	SMA type cable (1m)	SF104-11SMA-1000	816477/4	HONOVA	2025/7/11	2026/7/10
ETSTW-Cable 089	SMA type cable (2m)	SF104-11SMA-2000	SN 811889/4	HUBER+SUHNER	2025/7/11	2026/7/10
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2025/7/31	2026/7/30
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	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
ETSTW-Cable 049	Microwave Cable	FA147A0015M2020	30064-1	UTIFLEX	2024/8/15	2025/8/14



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

AC 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 004	ZWEILEITER-V- NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2024/9/10	2025/9/9
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2024/9/24	2025/9/23
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2024/10/22	2025/10/21
ETSTW-CE 017	AC POWER SOURCE	TFC-1005	None	None	Function Test	
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+	



Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

2.4 Test Procedure

The test procedures are performed following the test stands ANSI STANDARD C63.10 and FCC 789033 D02 General UNII Test Procedures New Rules v01r04.

■ Minimum Emission Bandwidth for the band 5.150-5.250 GHz, 5.725-5.850 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) 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.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

■ 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section H)3)d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the 6-dB emission bandwidth to define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section E). However, the 6-dB bandwidth must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth.

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW $\geq 3 \cdot$ RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.



Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

■ Maximum conducted output power

- (i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.
- (ii) Set RBW = 1 MHz.
- (iii) Set VBW ≥ 3 MHz.
- (iv) Number of points in sweep ≥ 2 Span / RBW. (This ensures that bin-to-bin spacing is $\leq$ RBW/2, so that narrowband signals are not lost between frequency bins.)
- (v) Sweep time = auto.
- (vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- (vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle ≥ 98 percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to “free run”.
- (viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.
- (ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument’s band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the spectrum.

■ Power Density

The rules requires “maximum power spectral density” measurements where the intent is to measure the maximum value of the time average of the power spectral density measured during a period of continuous transmission.

1. Create an average power spectrum for the EUT operating mode being tested by following the instructions in section II.E.2. for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power...”. (This procedure is required even if the maximum conducted output power measurement was performed using a power meter, method PM.)
2. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
3. Make the following adjustments to the peak value of the spectrum, if applicable:
 - a) If Method SA-2 or SA-2 Alternative was used, add $10 \log(1/x)$, where x is the duty cycle, to the peak of the spectrum.
 - b) If Method SA-3 Alternative was used and the linear mode was used in step II.E.2.g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.
4. The result is the Maximum PSD over 1 MHz reference bandwidth.
5. For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus



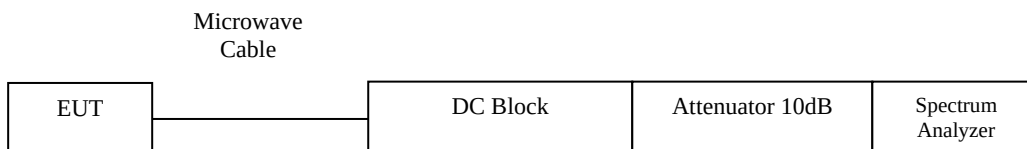
Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

- Set $RBW \geq 1/T$, where T is defined in section II.B.1.a).
- Set $VBW \geq 3 RBW$.
- If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/RBW)$ to the measured result, whereas $RBW (< 500 \text{ kHz})$ is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10\log(1\text{MHz}/RBW)$ to the measured result, whereas $RBW (< 1 \text{ MHz})$ is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections 5.c) and 5.d) above, since $RBW=100 \text{ kHz}$ is available on nearly all spectrum analyzers.

Conducted measurement test setup





Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

3 Test results (enclosure)

Test case	Para. Number	Required	Test passed	Test failed
Peak Transmit Power	15.407(a)	☒	☒	☐
6-dB emission bandwidth	15.407(a)	☒	☒	☐
26-dB emission bandwidth	15.407(a)	☒	☒	☐
99 % Occupied Bandwidth	789033 D02 General U-NII Test Procedures New Rules v02r01	☒	☒	☐
Peak Power Spectral Density	15.407(a)	☒	☒	☐
Undesirable emission limits	15.407(b)	☒	☒	☐
Radio Frequency Exposure	15.407(f)	☐	☐	☐
Transmit Power Control	15.407(h)	☐	☐	☐
Dynamic Frequency Selection (DFS)	15.407(h)	☒	☒	☐
UNII Detection Bandwidth	905462 D02 UNII DFS Compliance Procedures New Rules v02 – 7.8.1	☐	☐	☐
Initial Channel Availability Check Time	905462 D02 UNII DFS Compliance Procedures New Rules v02 – 7.8.2.1	☐	☐	☐
Radar Burst at the Beginning of the Channel Availability Check Time	905462 D02 UNII DFS Compliance Procedures New Rules v02 – 7.8.2.2	☐	☐	☐
Radar Burst at the End of the Channel Availability Check Time	905462 D02 UNII DFS Compliance Procedures New Rules v02 – 7.8.2.3	☐	☐	☐
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period	905462 D02 UNII DFS Compliance Procedures New Rules v02 – 7.8.3	☐	☐	☐
Statistical Performance Check	905462 D02 UNII DFS Compliance Procedures New Rules v02 – 7.8.4	☐	☐	☐
Radiated Emission from Receiver Part	15.109	☐	☐	☐
AC Conducted Emissions	15.207	☒	☒	☐

The following is intentionally left blank.



Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

3.1 Peak Transmit Power, FCC 15.407 (a)

According to §15.407(a)

1. For the band 5.15-5.25 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 30 dBm (1 W) for master device and 24 dBm (250 mW) for mobile/portable client device.
2. For the band 5.25-5.35 GHz and 5.47-5.725 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 24 dBm (250 mW) or $11\text{dBm} + 10 \log B$, whichever is lower (B= 26-dB emission BW).
3. For the band 5.725-5.850 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 30 dBm (1 W).

Test date: July 31, 2025

Temperature: 26.2°C

Humidity: 53.0 %

Tester: Sora

Band	Mode	Channel	Conducted power with DF	DF (dB)	Limit (dBm)
			Antenna 1 (dBm)		
NII-1	802.11a	Ch 36 : 5180 MHz	12.31	0.02	24
		Ch 44 : 5220 MHz	15.37	0.02	24
		Ch 48 : 5240 MHz	15.41	0.02	24
	802.11n 20	Ch 36 : 5180 MHz	11.59	0.02	24
		Ch 44 : 5220 MHz	15.30	0.02	24
		Ch 48 : 5240 MHz	15.39	0.02	24
	802.11n 40	Ch 38 : 5190 MHz	9.08	0.04	24
		Ch 46 : 5230 MHz	12.32	0.04	24
	802.11ac 80	Ch 42 : 5210 MHz	8.69	0.09	24
NII-2A	802.11a	Ch 52 : 5260 MHz	15.14	0.02	24
		Ch 60 : 5300 MHz	15.16	0.02	24
		Ch 64 : 5320 MHz	13.37	0.02	24
	802.11n 20	Ch 52 : 5260 MHz	15.04	0.02	24
		Ch 60 : 5300 MHz	15.09	0.02	24
		Ch 64 : 5320 MHz	12.27	0.02	24
	802.11n 40	Ch 54 : 5270 MHz	12.14	0.04	24
		Ch 62 : 5310 MHz	11.91	0.04	24
	802.11ac 80	Ch 58 : 5290 MHz	10.60	0.09	24
NII-2C	802.11a	Ch 100 : 5500 MHz	10.50	0.02	24
		Ch 120 : 5600 MHz	13.94	0.02	24



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

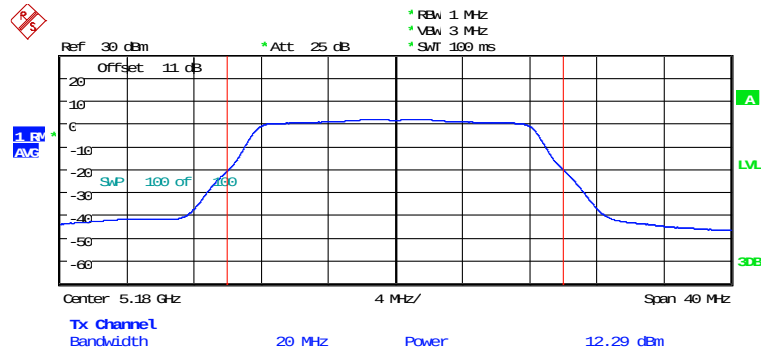
	802.11n 20	Ch 140 : 5700 MHz	11.27	0.02	24
		Ch 100 : 5500 MHz	8.28	0.02	24
		Ch 120 : 5600 MHz	13.89	0.02	24
		Ch 140 : 5700 MHz	9.35	0.02	24
	802.11n 40	Ch 102 : 5510 MHz	6.50	0.04	24
		Ch 116 : 5590 MHz	11.10	0.04	24
		Ch 134 : 5670 MHz	11.28	0.04	24
	802.11ac 80	Ch 106 : 5530 MHz	7.71	0.09	24
		Ch 122 : 5610 MHz	10.00	0.09	24
NII-3	802.11a	Ch 149 : 5745 MHz	14.07	0.02	30
		Ch 157 : 5785 MHz	14.06	0.02	30
		Ch 165 : 5825 MHz	14.10	0.02	30
	802.11n 20	Ch 149 : 5745 MHz	13.92	0.02	30
		Ch 157 : 5785 MHz	13.99	0.02	30
		Ch 165 : 5825 MHz	13.81	0.02	30
	802.11n 40	Ch 151 : 5755 MHz	11.32	0.04	30
		Ch 159 : 5795 MHz	11.30	0.04	30
	802.11ac 80	Ch 155: 5775 MHz	9.91	0.09	30



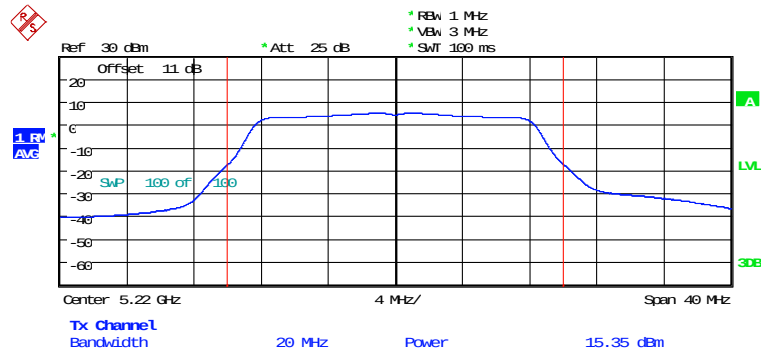
Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

5.15 GHz ~ 5.25 GHz



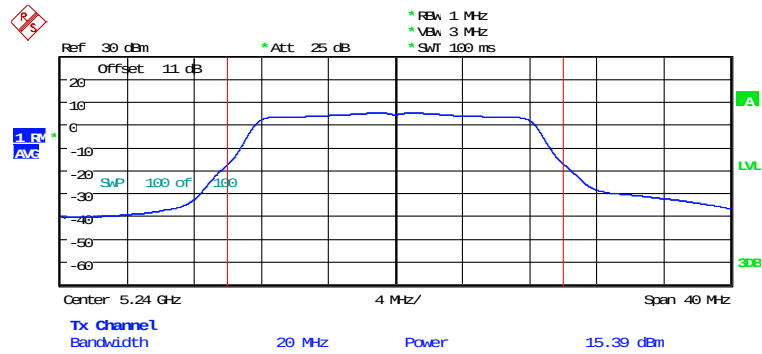
MAXIMUM CONDUCTED POWER ANT1_11aCH36
Date: 31.JUL.2025 13:15:59



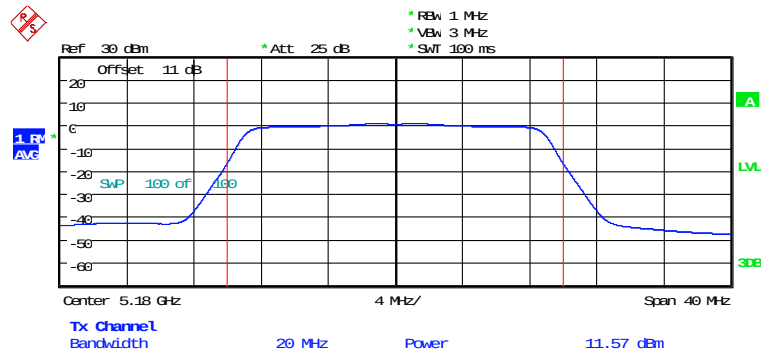
MAXIMUM CONDUCTED POWER ANT1_11aCH44
Date: 31.JUL.2025 13:19:50



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



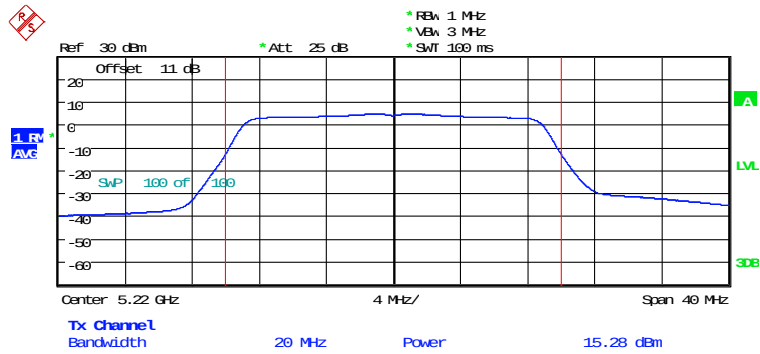
MAXIMUM CONDUCTED POWER ANT1_11aCH48
Date: 31.JUL.2025 13:20:51



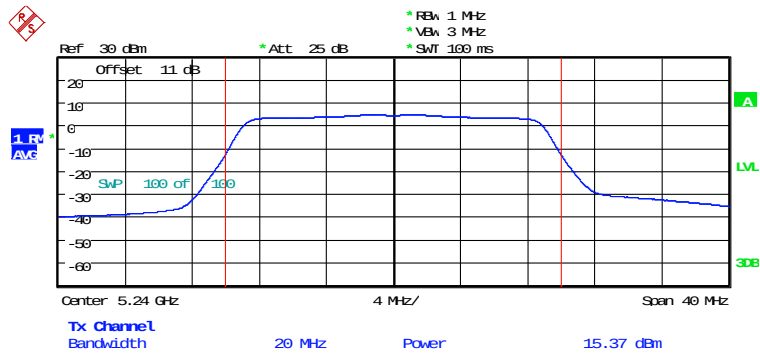
MAXIMUM CONDUCTED POWER ANT1_11n20CH36
Date: 31.JUL.2025 13:22:20



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



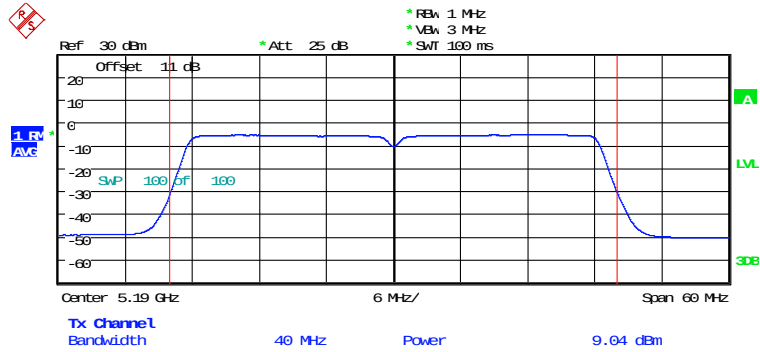
MAXIMUM CONDUCTED POWER ANT1_11n20CH44
Date: 31.JUL.2025 13:23:28



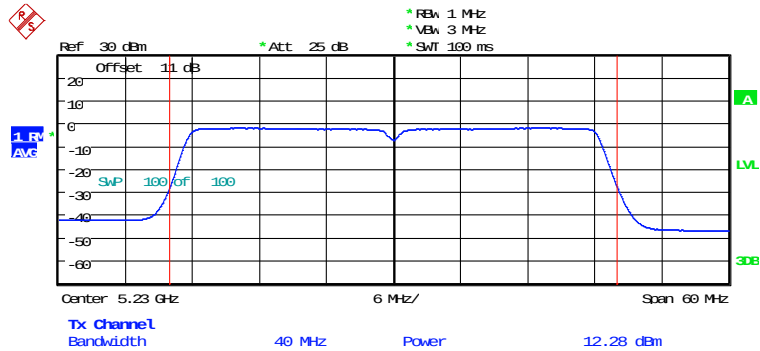
MAXIMUM CONDUCTED POWER ANT1_11n20CH48
Date: 31.JUL.2025 13:24:42



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



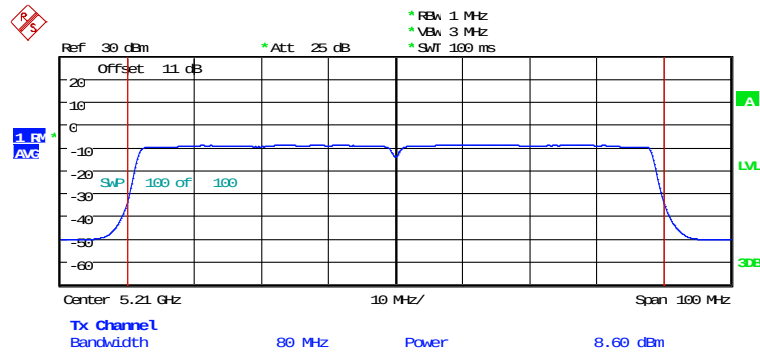
MAXIMUM CONDUCTED POWER ANT1_11n40CH38
Date: 31.JUL.2025 13:30:29



MAXIMUM CONDUCTED POWER ANT1_11n40CH46
Date: 31.JUL.2025 13:31:37

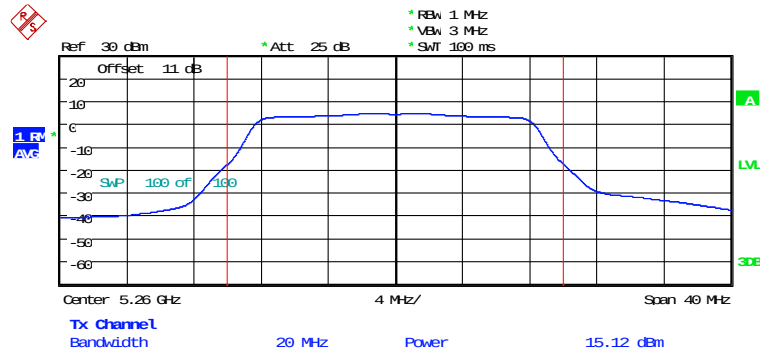


Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



MAXIMUM CONDUCTED POWER ANT1_11ac80CH42
Date: 31.JUL.2025 13:33:26

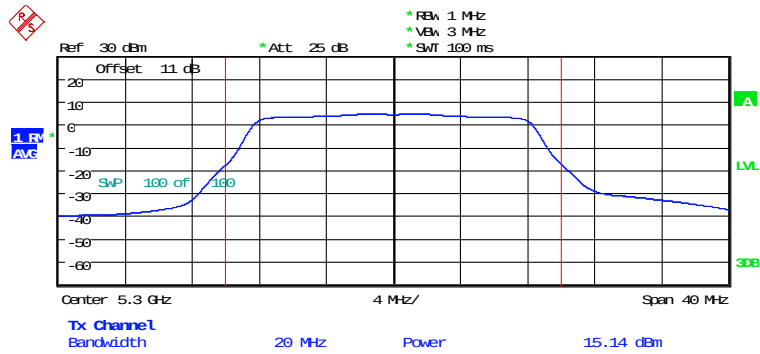
5.25 GHz ~ 5.35 GHz



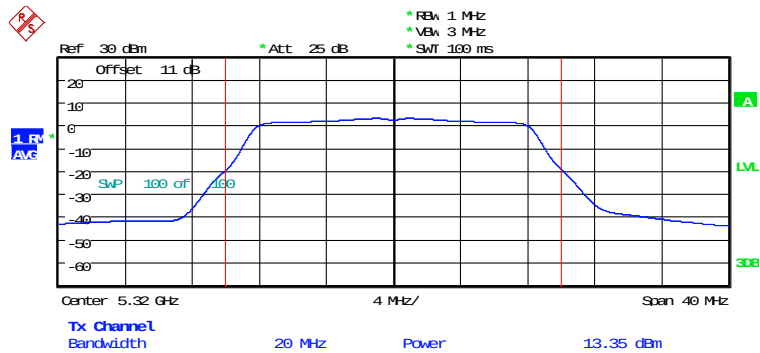
MAXIMUM CONDUCTED POWER ANT1_11acH52
Date: 31.JUL.2025 13:58:35



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



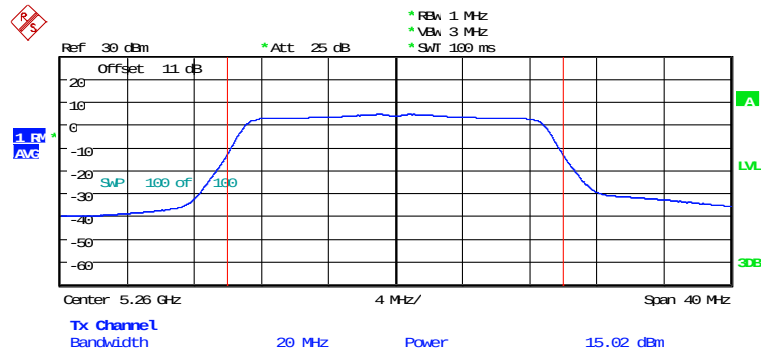
MAXIMUM CONDUCTED POWER ANT1_11aCH69
Date: 31.JUL.2025 13:59:57



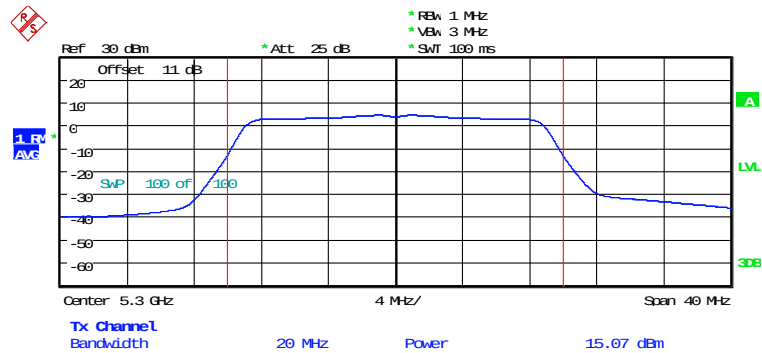
MAXIMUM CONDUCTED POWER ANT1_11aCH64
Date: 31.JUL.2025 14:01:12



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



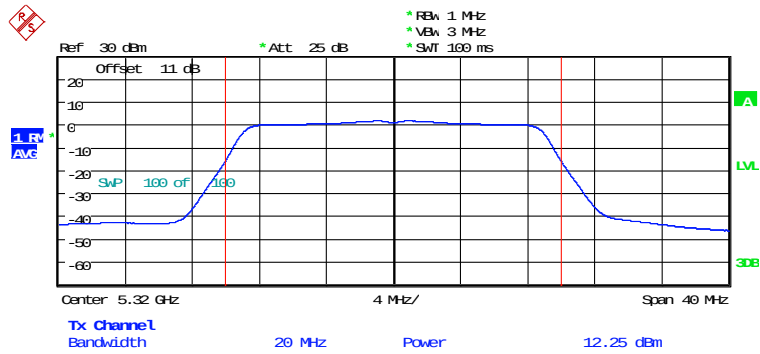
MAXIMUM CONDUCTED POWER ANT1_11n20CH52
Date: 31.JUL.2025 13:52:49



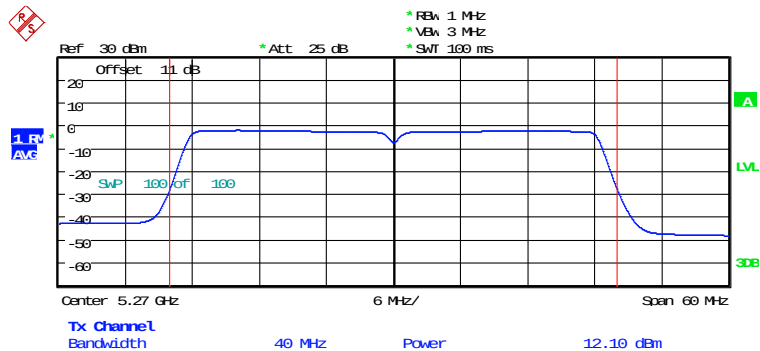
MAXIMUM CONDUCTED POWER ANT1_11n20CH60
Date: 31.JUL.2025 13:54:37



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



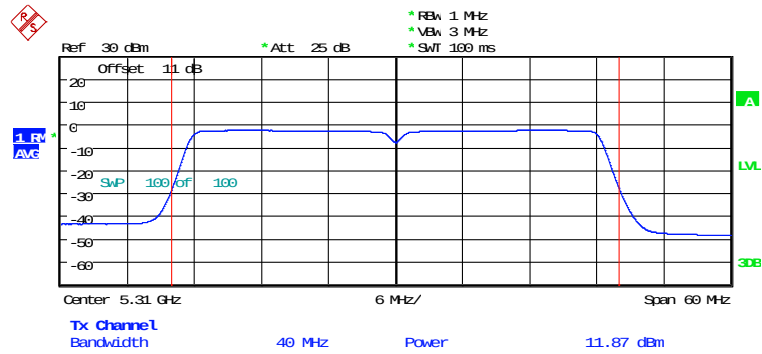
MAXIMUM CONDUCTED POWER ANT1_11n20CH64
Date: 31.JUL.2025 13:56:13



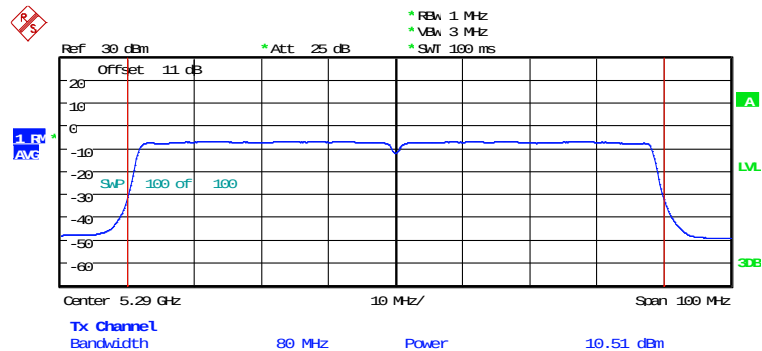
MAXIMUM CONDUCTED POWER ANT1_11n40CH54
Date: 31.JUL.2025 13:41:15



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



MAXIMUM CONDUCTED POWER ANT1_11n40CH62
Date: 31.JUL.2025 13:49:59



MAXIMUM CONDUCTED POWER ANT1_11ac80CH58
Date: 31.JUL.2025 13:39:06

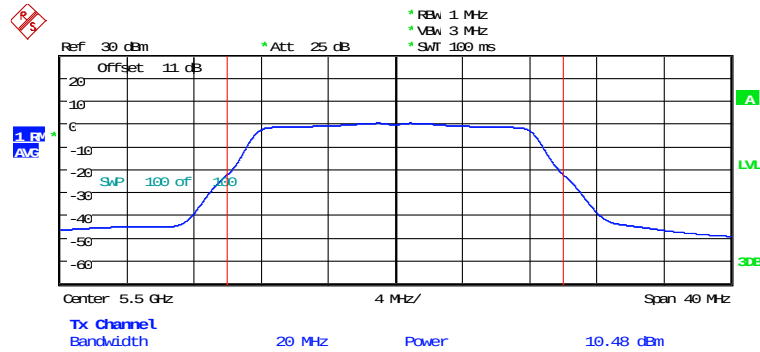


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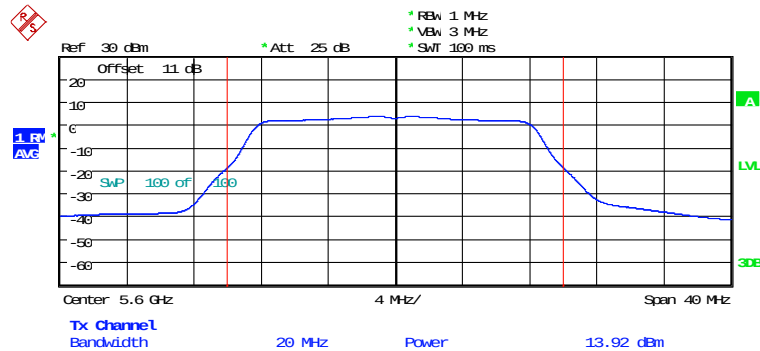
Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

5.47 GHz ~ 5.725 GHz



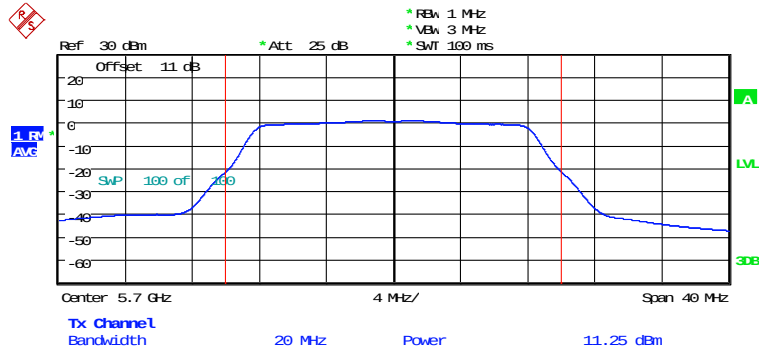
MAXIMUM CONDUCTED POWER ANT1_11aCH100
Date: 31.JUL.2025 15:25:37



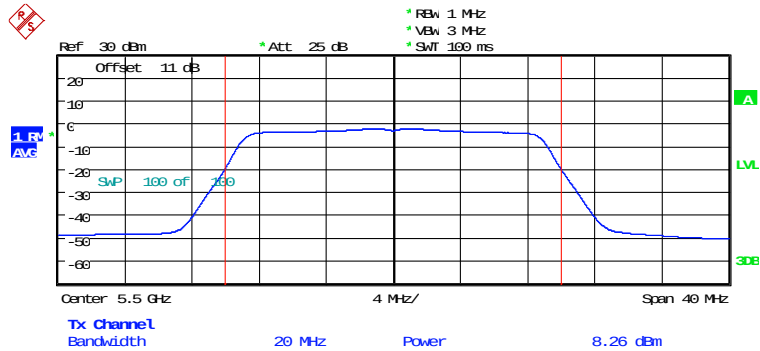
MAXIMUM CONDUCTED POWER ANT1_11aCH120
Date: 31.JUL.2025 15:26:52



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



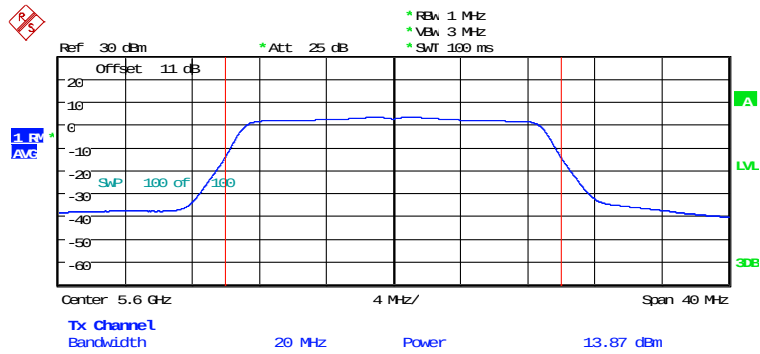
MAXIMUM CONDUCTED POWER ANT1_11aCH140
Date: 31.JUL.2025 15:28:00



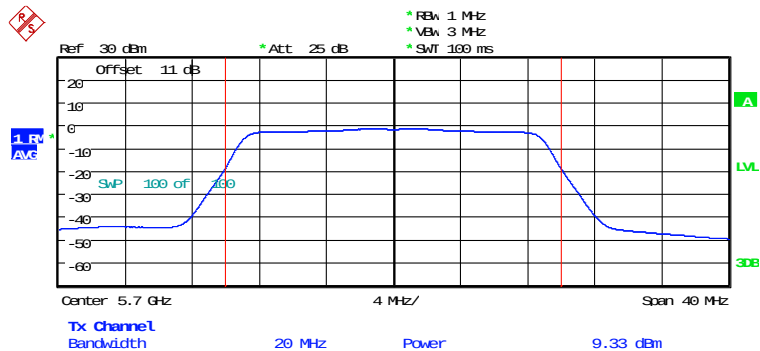
MAXIMUM CONDUCTED POWER ANT1_11n20CH100
Date: 31.JUL.2025 15:29:35



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



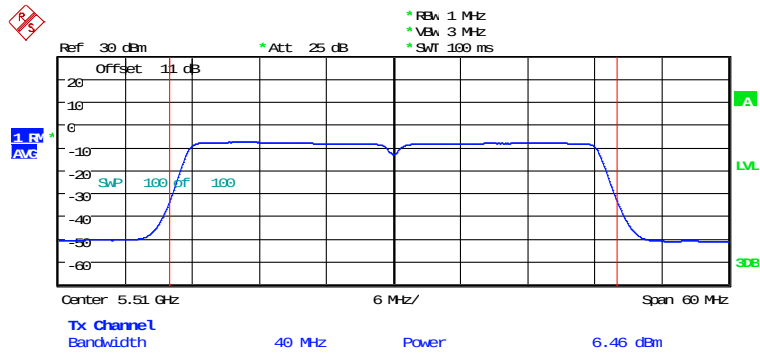
MAXIMUM CONDUCTED POWER ANT1_11n20CH120
Date: 31.JUL.2025 15:35:49



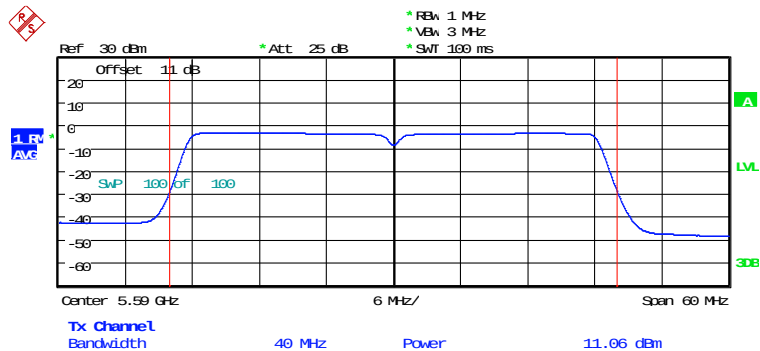
MAXIMUM CONDUCTED POWER ANT1_11n20CH140
Date: 31.JUL.2025 15:37:18



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



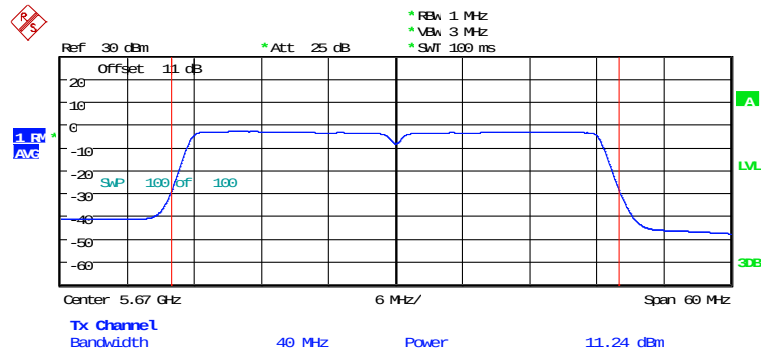
MAXIMUM CONDUCTED POWER ANT1_11n40CH102
Date: 31.JUL.2025 15:39:06



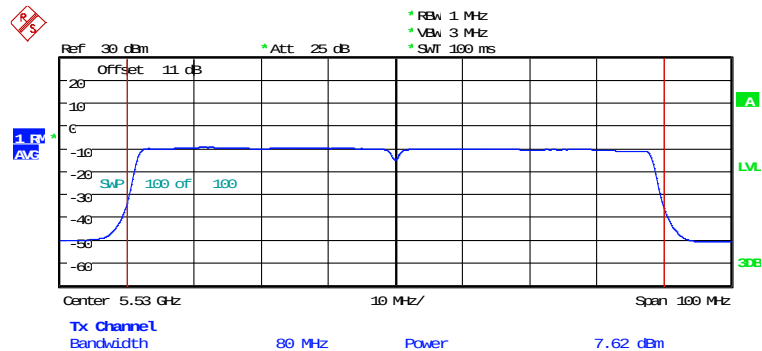
MAXIMUM CONDUCTED POWER ANT1_11n40CH118
Date: 31.JUL.2025 15:40:35



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



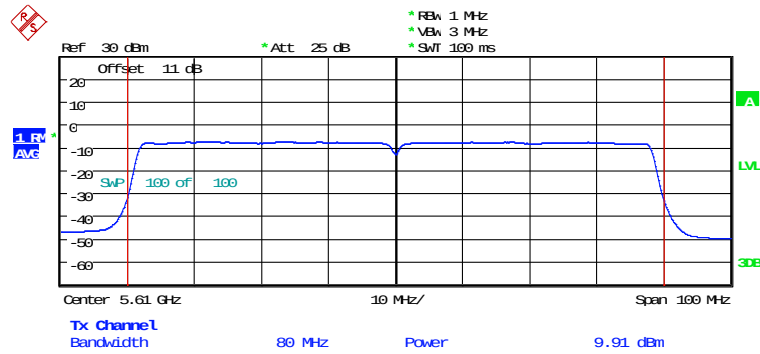
MAXIMUM CONDUCTED POWER ANT1_11n40CH134
Date: 31.JUL.2025 15:43:11



MAXIMUM CONDUCTED POWER ANT1_11ac80CH106
Date: 31.JUL.2025 15:47:09

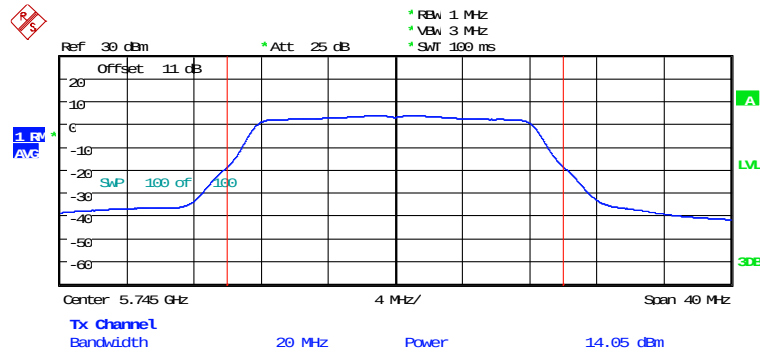


Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



MAXIMUM CONDUCTED POWER ANT1_11ac80CH122
Date: 31.JUL.2025 15:49:39

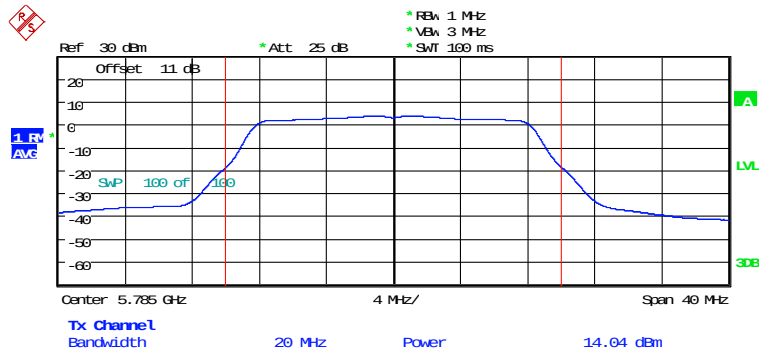
5.725 GHz ~ 5.85 GHz



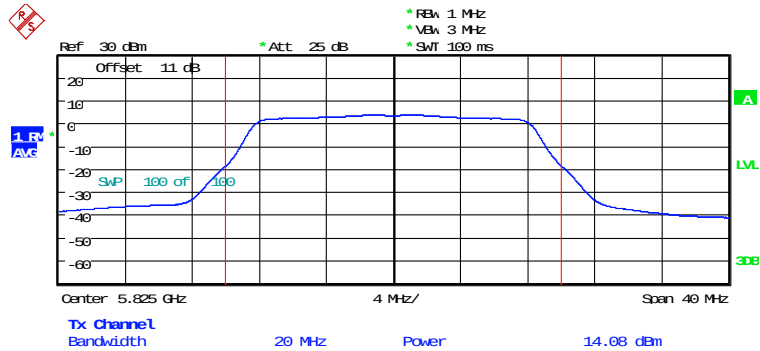
MAXIMUM CONDUCTED POWER ANT1_11acCH149
Date: 31.JUL.2025 16:10:23



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



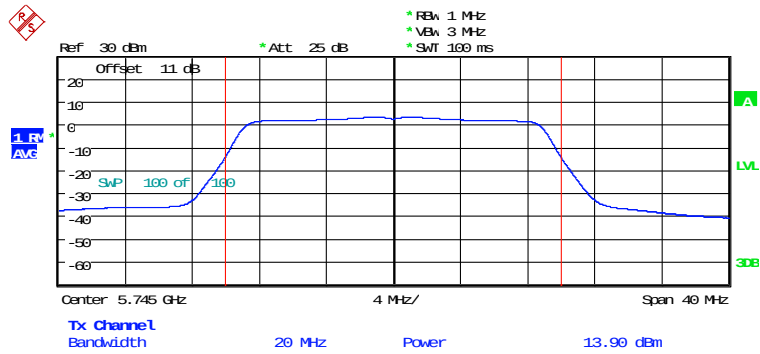
MAXIMUM CONDUCTED POWER ANT1_11aCH157
Date: 31.JUL.2025 16:11:31



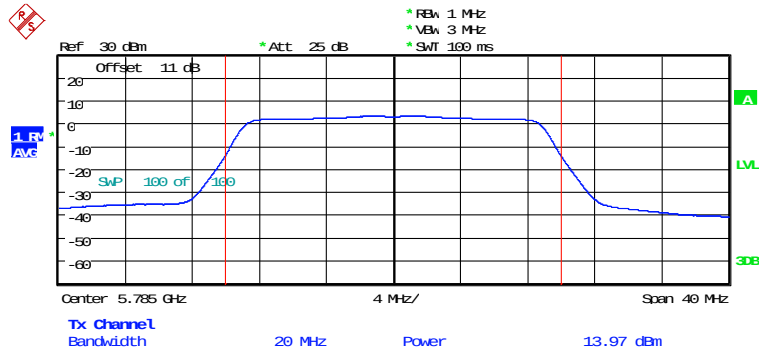
MAXIMUM CONDUCTED POWER ANT1_11aCH165
Date: 31.JUL.2025 16:12:59



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



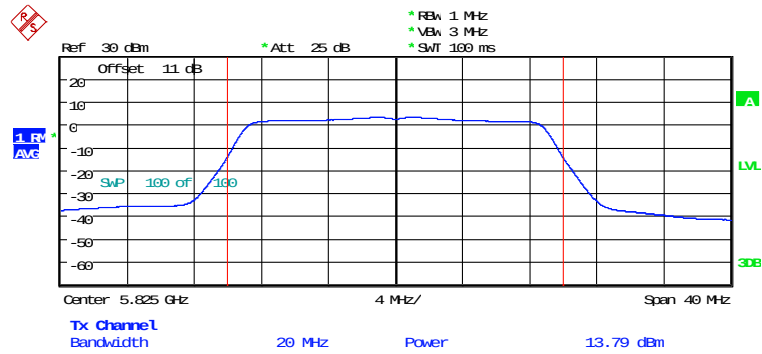
MAXIMUM CONDUCTED POWER ANT1_11n20CH149
Date: 31.JUL.2025 16:05:10



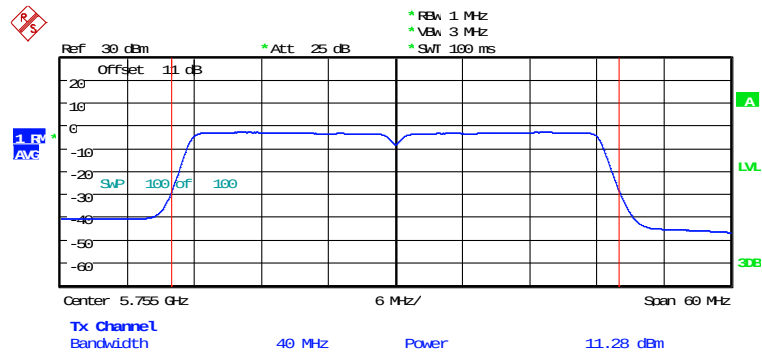
MAXIMUM CONDUCTED POWER ANT1_11n20CH157
Date: 31.JUL.2025 16:06:18



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



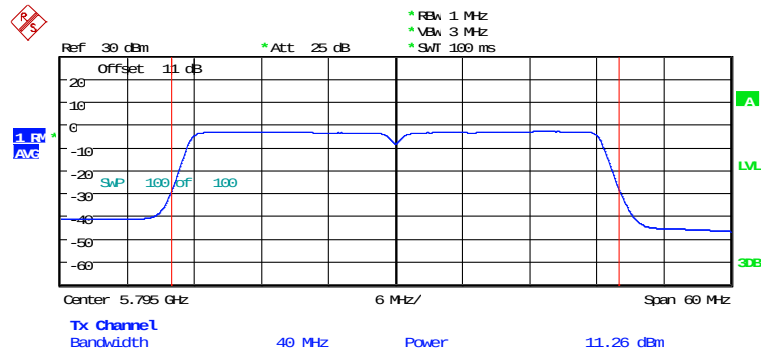
MAXIMUM CONDUCTED POWER ANT1_11n20CH165
Date: 31.JUL.2025 16:08:48



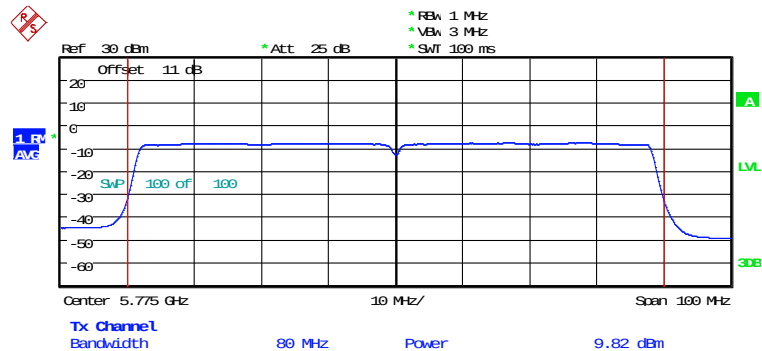
MAXIMUM CONDUCTED POWER ANT1_11n40CH151
Date: 31.JUL.2025 16:00:31



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



MAXIMUM CONDUCTED POWER ANT1_11n40CH159
Date: 31.JUL.2025 16:03:28



MAXIMUM CONDUCTED POWER ANT1_11ac80CH155
Date: 31.JUL.2025 15:58:35



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

3.2 26dB emission bandwidth, 99% Occupied Bandwidth, FCC 15.407 (a)

According to §15.407(a). No Limit required.

Result:

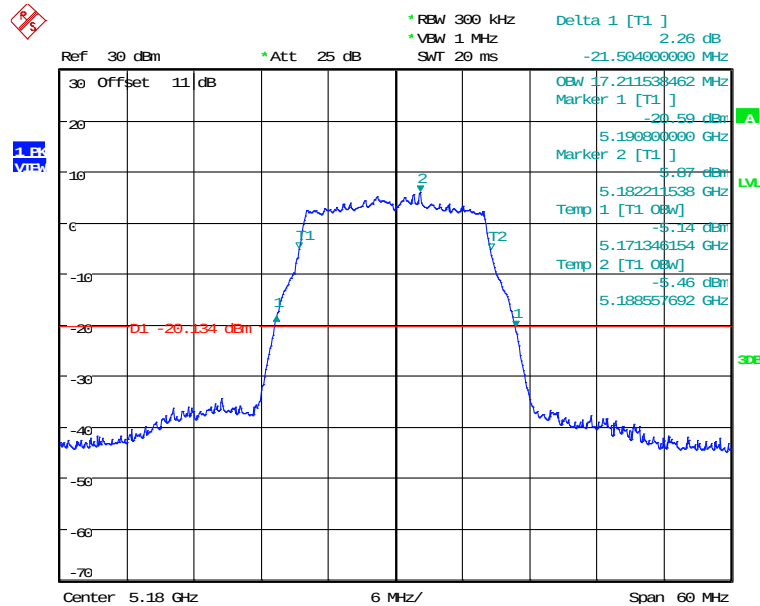
Test date: July 31, 2025

Temperature: 26.2°C

Humidity: 53.0 %

Tester: Sora

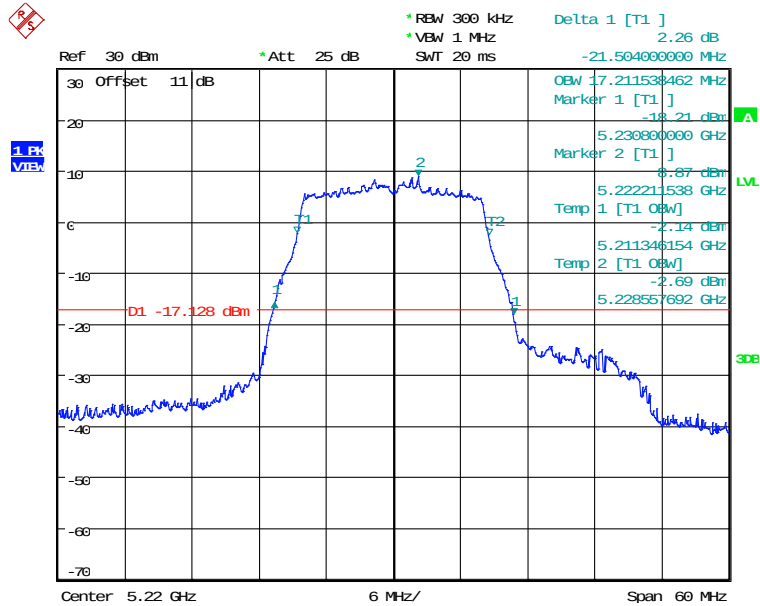
5.15 GHz ~ 5.25 GHz



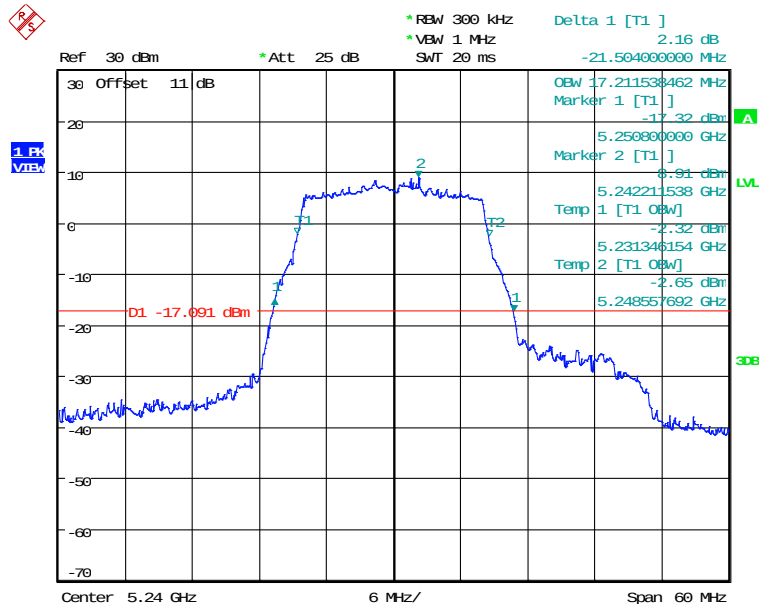
99% OBW & 26DB BANDWIDTH ANT1_11a_CH36
Date: 31.JUL.2025 13:17:16



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



99% OBW & 26DB BANDWIDTH ANT1_11a_CH44
Date: 31.JUL.2025 13:20:22

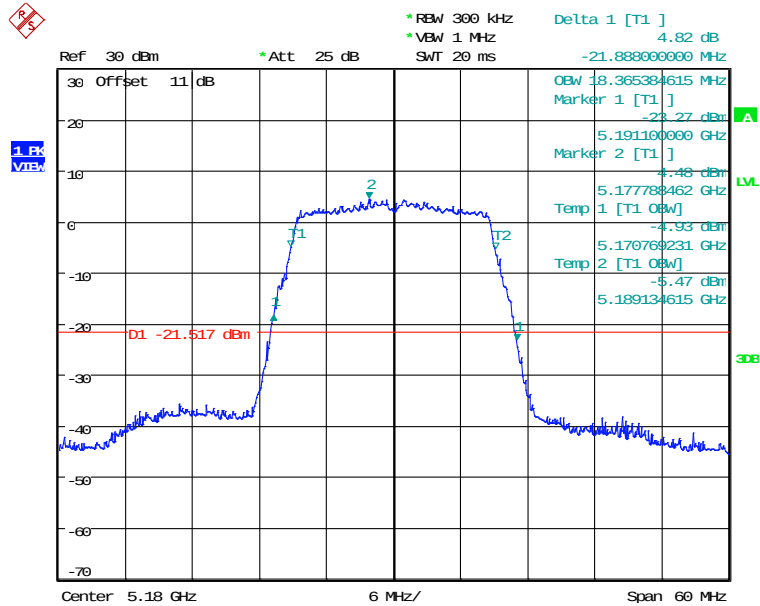


99% OBW & 26DB BANDWIDTH ANT1_11a_CH48
Date: 31.JUL.2025 13:21:34

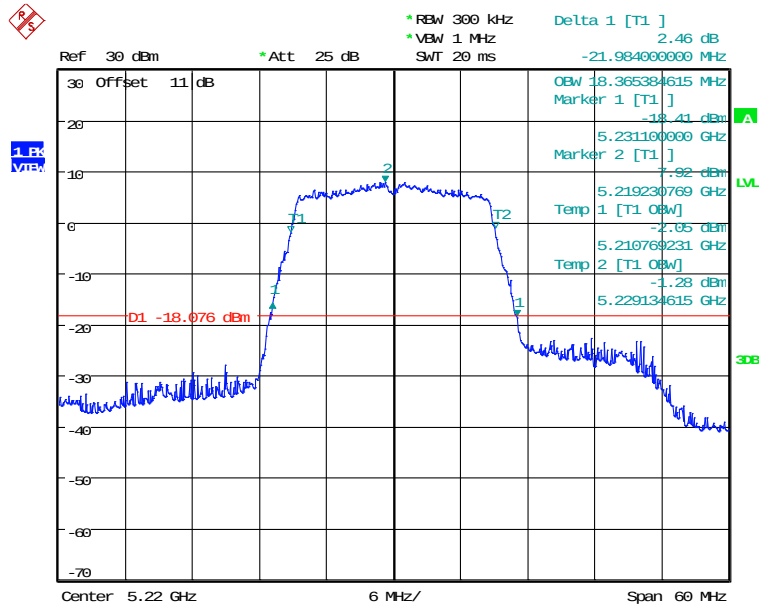


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



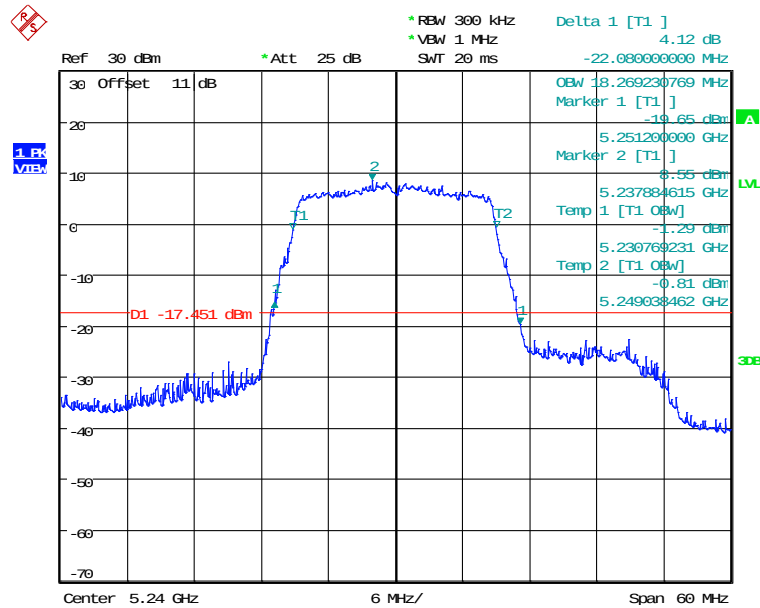
99% OBW & 26DB BANDWIDTH ANT1_11n20_CH36
Date: 31.JUL.2025 13:22:56



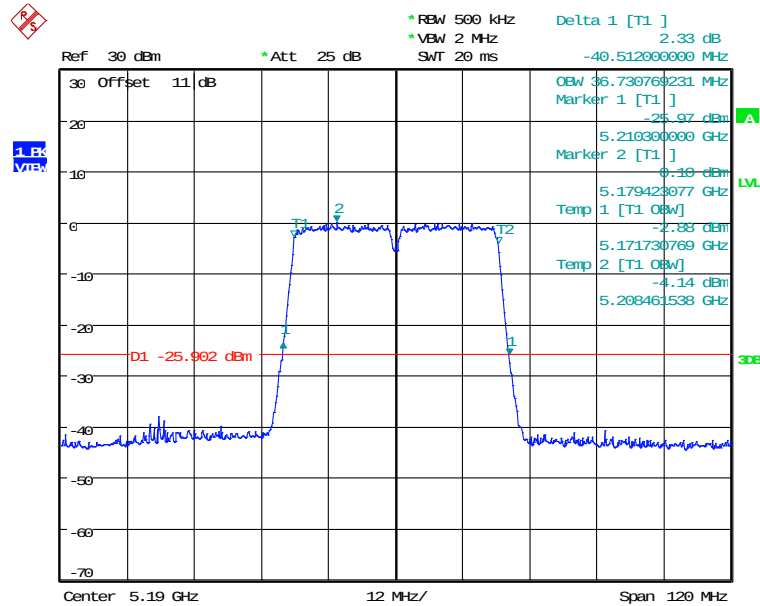
99% OBW & 26DB BANDWIDTH ANT1_11n20_CH44
Date: 31.JUL.2025 13:24:08



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



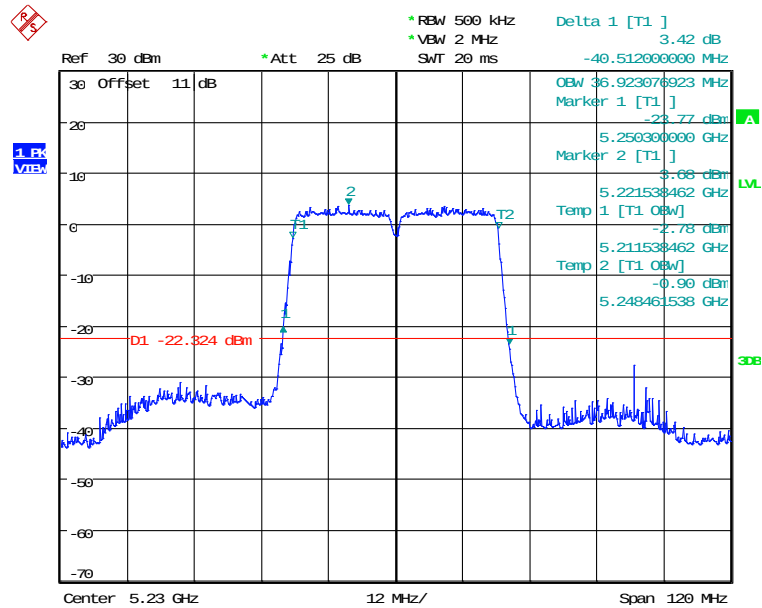
99% OBW & 26DB BANDWIDTH ANT1_11n20_CH48
Date: 31.JUL.2025 13:25:19



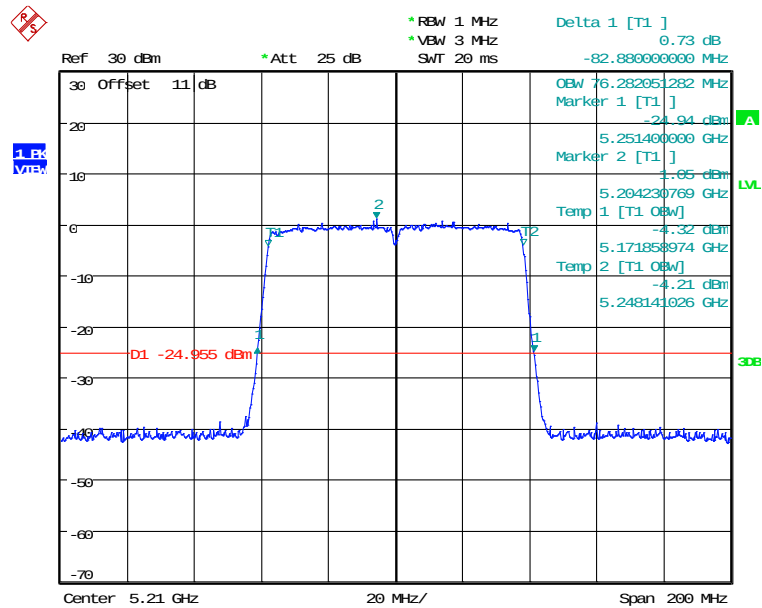
99% OBW & 26DB BANDWIDTH ANT1_11n40_CH38
Date: 31.JUL.2025 13:31:11



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



99% OBW & 26DB BANDWIDTH ANT1_11n40_CH46
Date: 31.JUL.2025 13:32:17



99% OBW & 26DB BANDWIDTH ANT1_11ac80_CH42
Date: 31.JUL.2025 13:35:52

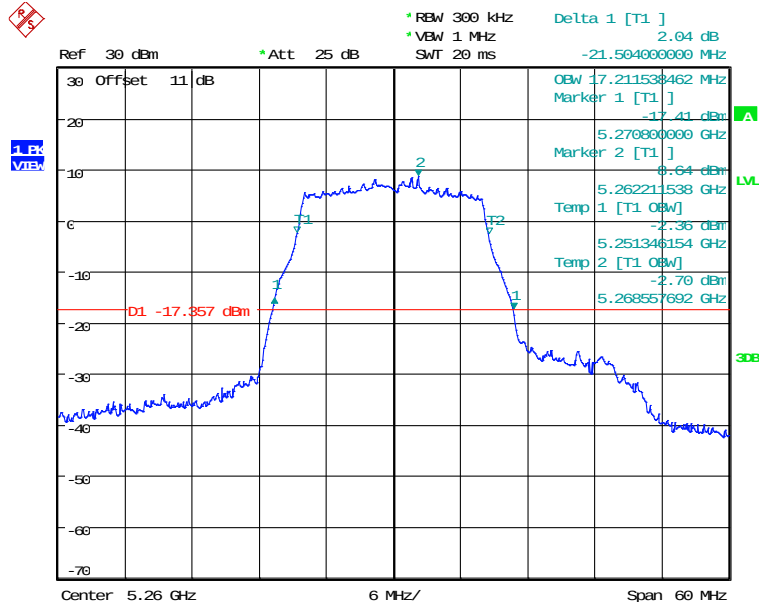


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2

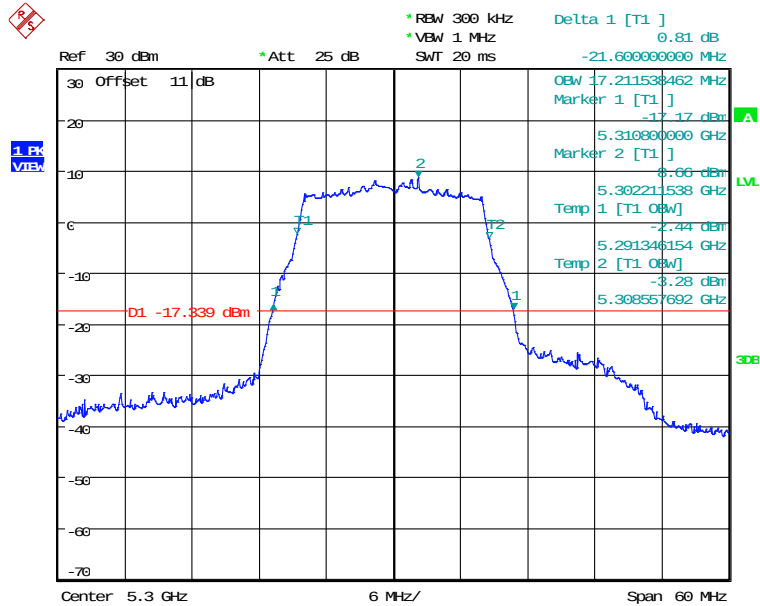
FCC ID: 2ARIOCC0032

5.25 GHz ~ 5.35 GHz



99% OBW & 26DB BANDWIDTH ANT1_11a_CH52

Date: 31.JUL.2025 13:59:36



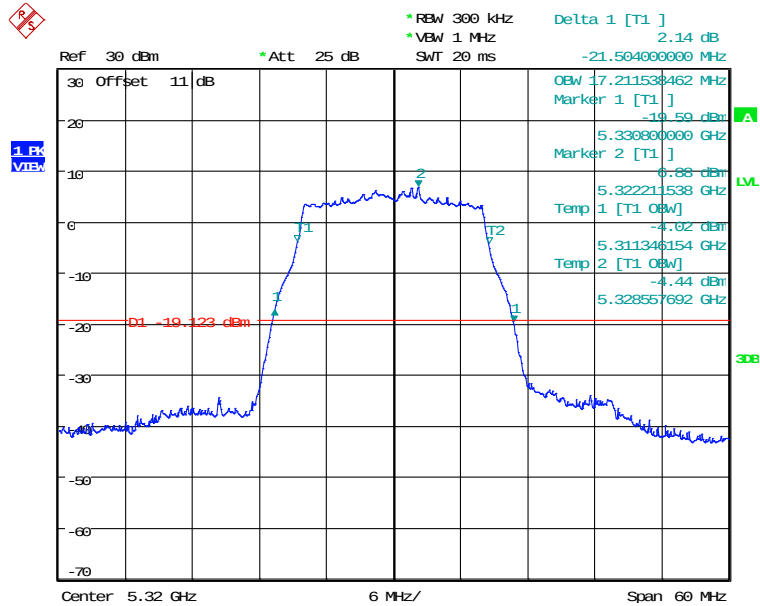
99% OBW & 26DB BANDWIDTH ANT1_11a_CH60

Date: 31.JUL.2025 14:00:42

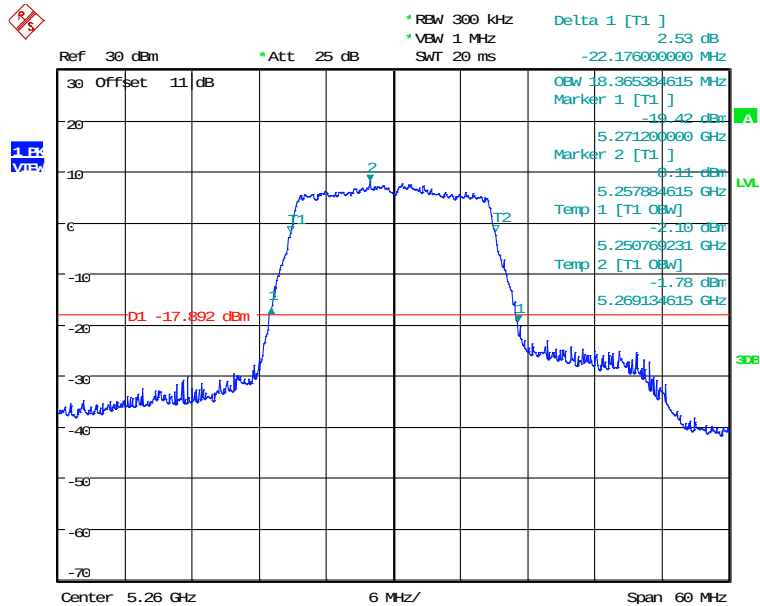


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



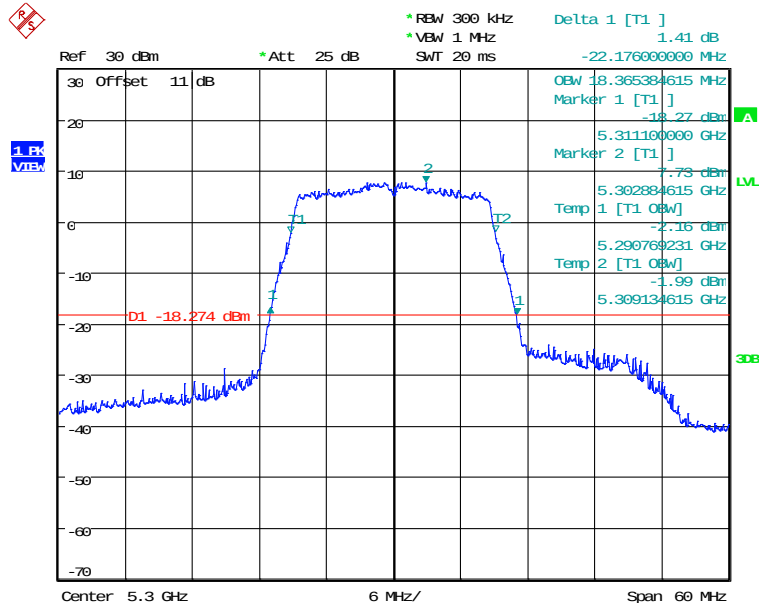
99% OBW & 26DB BANDWIDTH ANT1_11a_CH64
Date: 31.JUL.2025 14:01:48



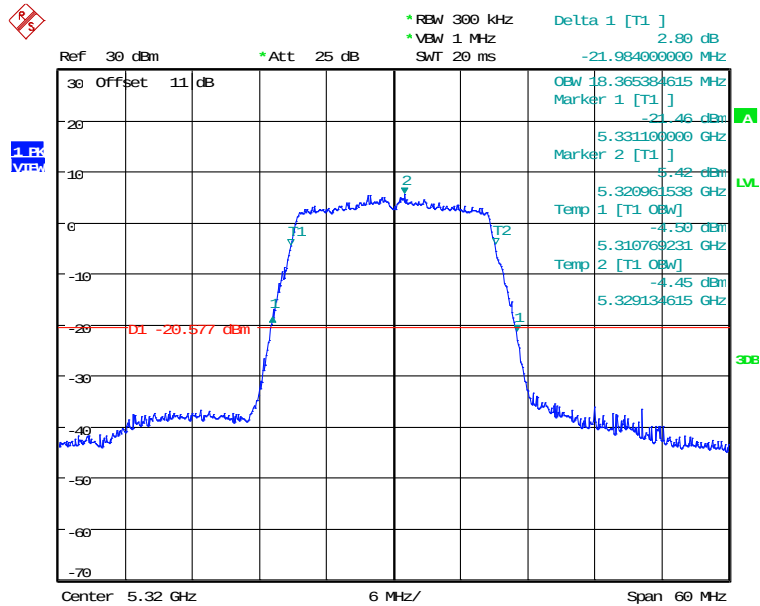
99% OBW & 26DB BANDWIDTH ANT1_11n20_CH52
Date: 31.JUL.2025 13:54:01



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



99% OBW & 26DB BANDWIDTH ANT1_11n20_CH60
Date: 31.JUL.2025 13:55:45

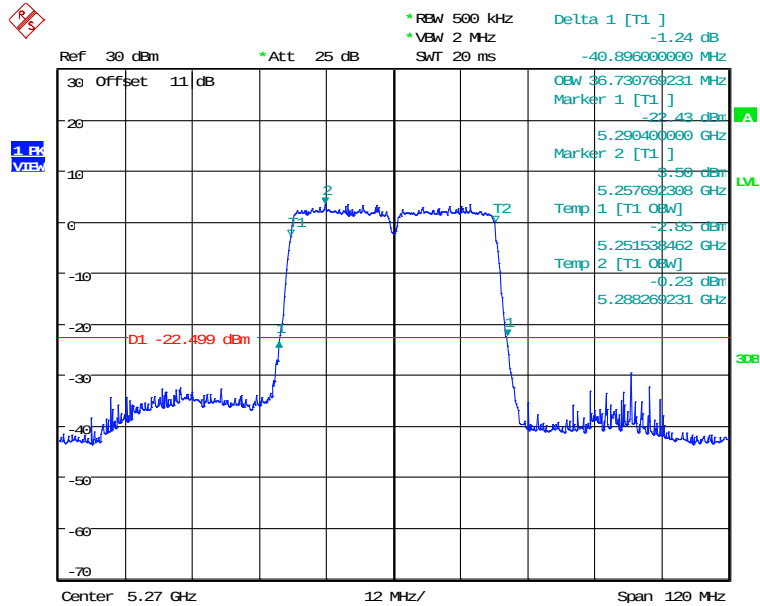


99% OBW & 26DB BANDWIDTH ANT1_11n20_CH64
Date: 31.JUL.2025 13:57:02

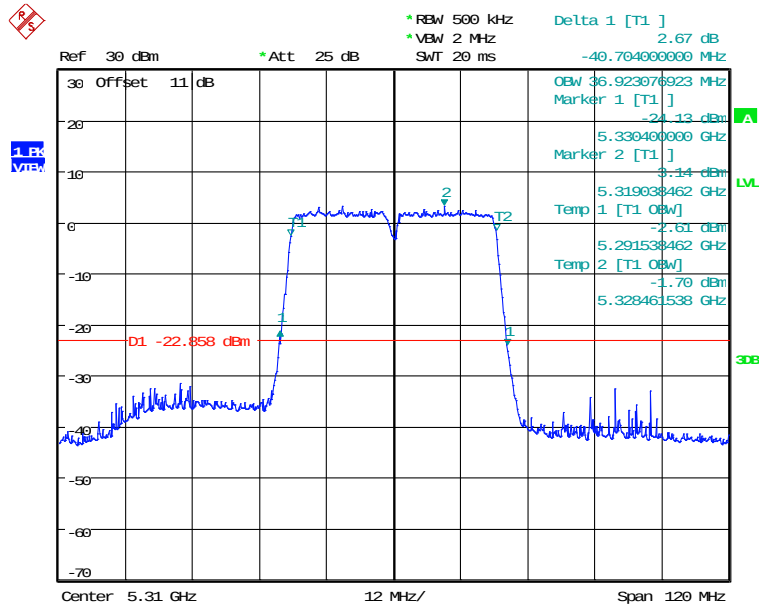


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Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



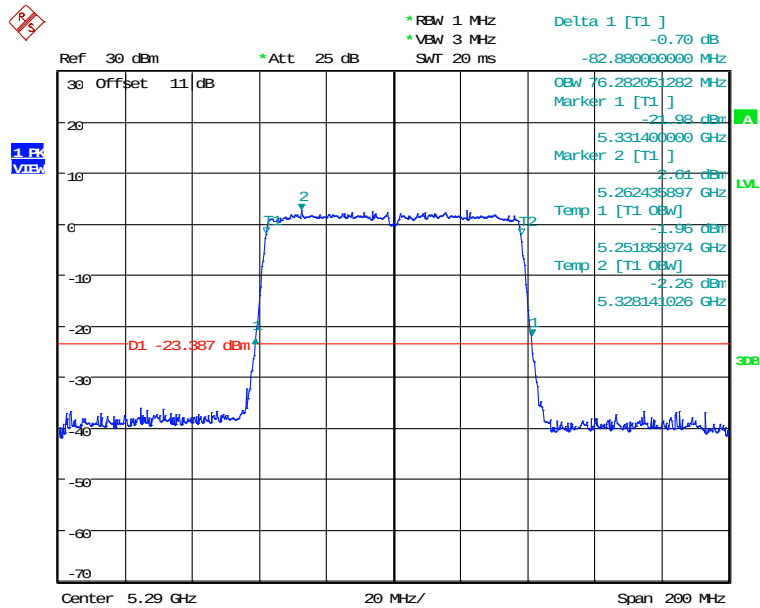
99% OBW & 26DB BANDWIDTH ANT1_11n40_CH54
Date: 31.JUL.2025 13:41:55



99% OBW & 26DB BANDWIDTH ANT1_11n40_CH62
Date: 31.JUL.2025 13:51:32

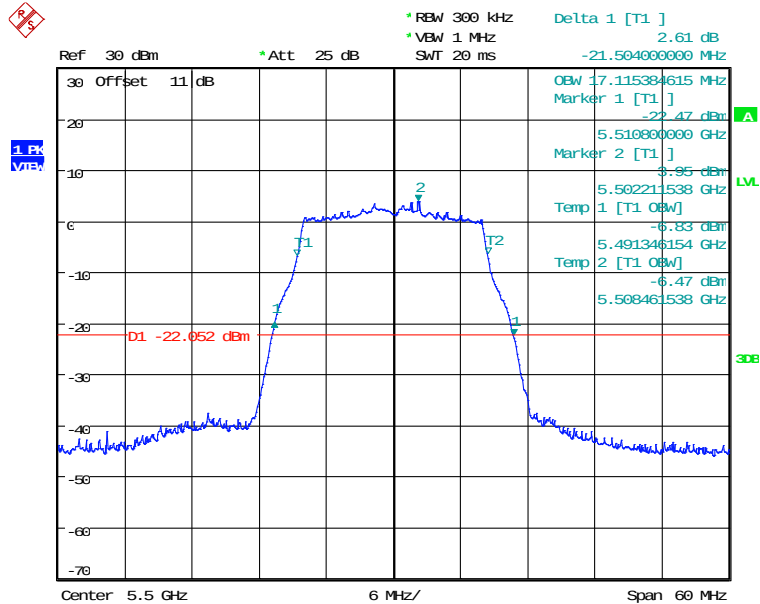


Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



99% OBW & 26DB BANDWIDTH ANT1_11ac80_CH58
Date: 31.JUL.2025 13:39:48

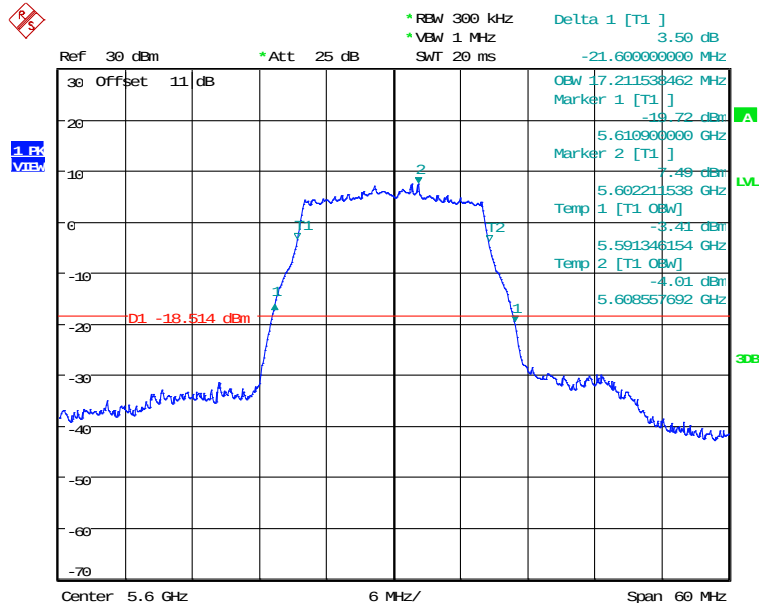
5.47 GHz ~ 5.725 GHz



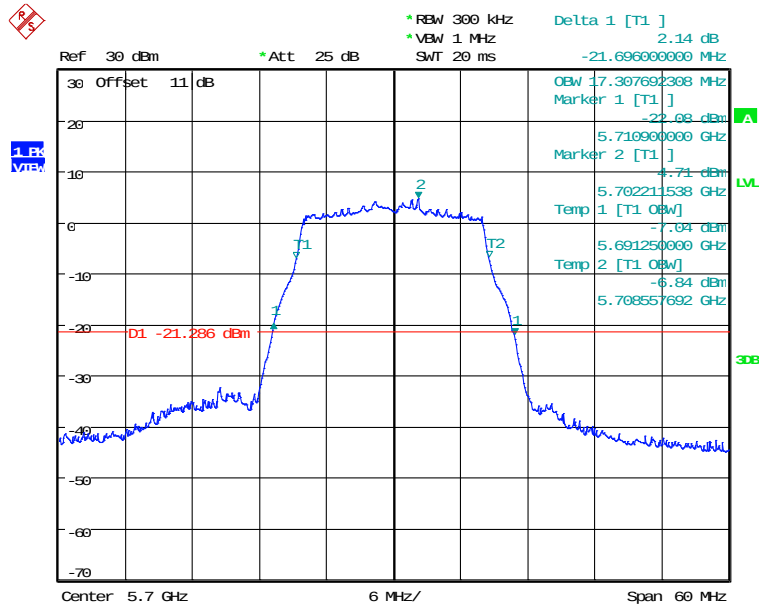
99% OBW & 26DB BANDWIDTH ANT1_11a_CH100
Date: 31.JUL.2025 15:26:19



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



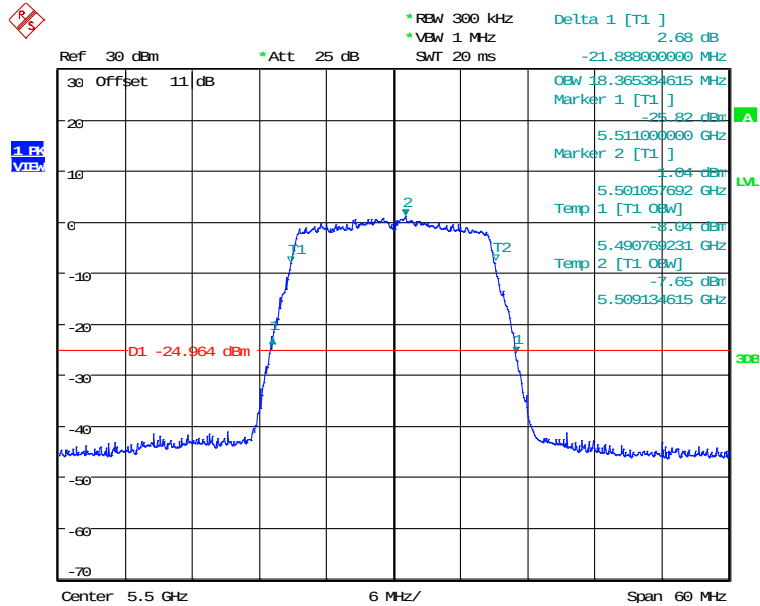
99% OBW & 26DB BANDWIDTH ANT1_11a_CH120
Date: 31.JUL.2025 15:27:30



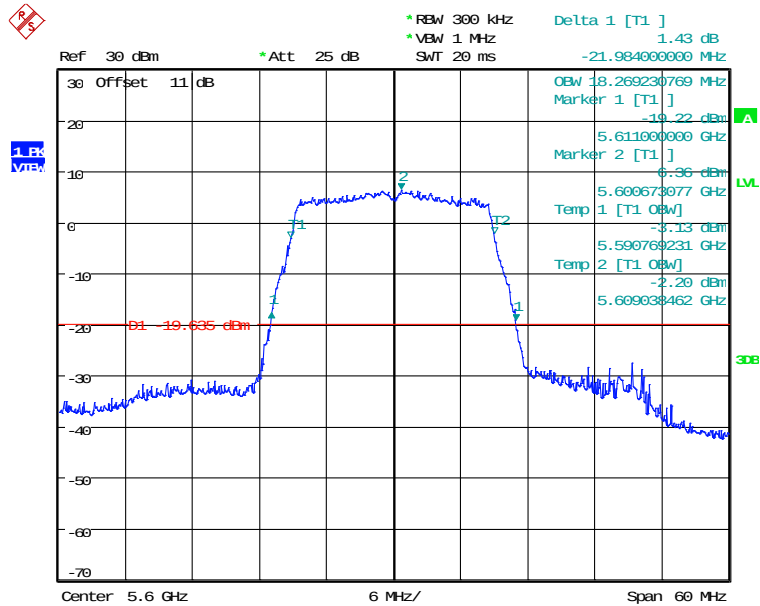
99% OBW & 26DB BANDWIDTH ANT1_11a_CH140
Date: 31.JUL.2025 15:28:42



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



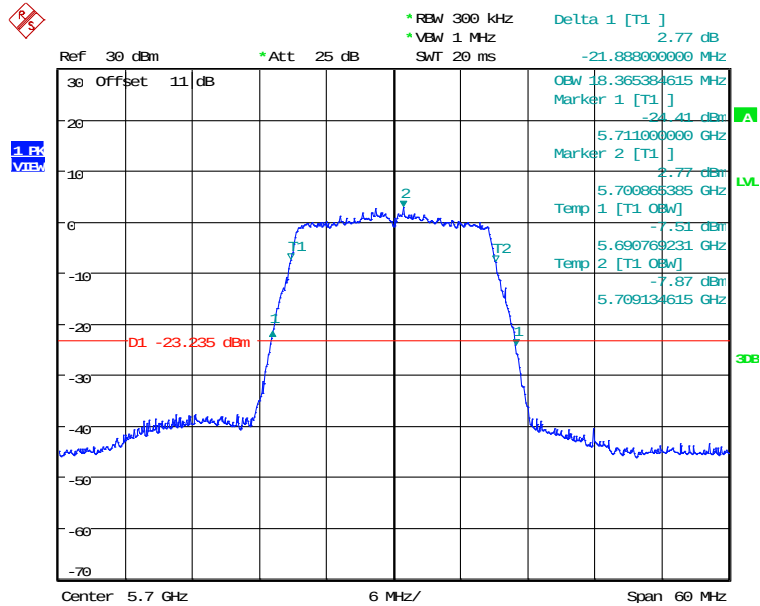
99% OBW & 26DB BANDWIDTH ANT1_11n20_CH100
Date: 31.JUL.2025 15:30:26



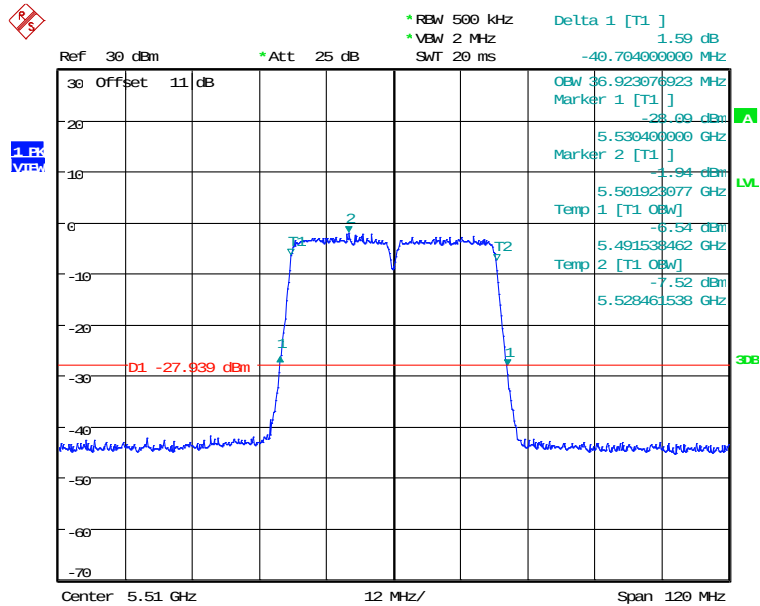
99% OBW & 26DB BANDWIDTH ANT1_11n20_CH120
Date: 31.JUL.2025 15:36:46



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



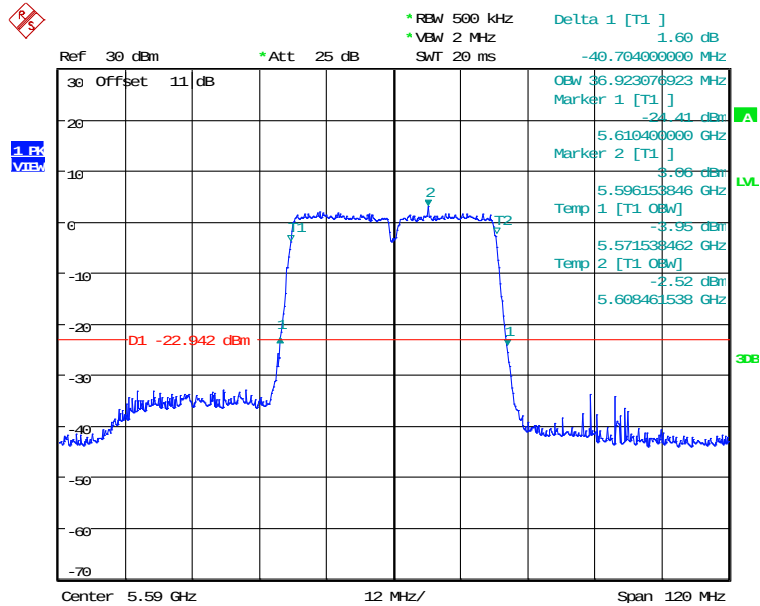
99% OBW & 26DB BANDWIDTH ANT1_11n20_CH140
Date: 31.JUL.2025 15:37:52



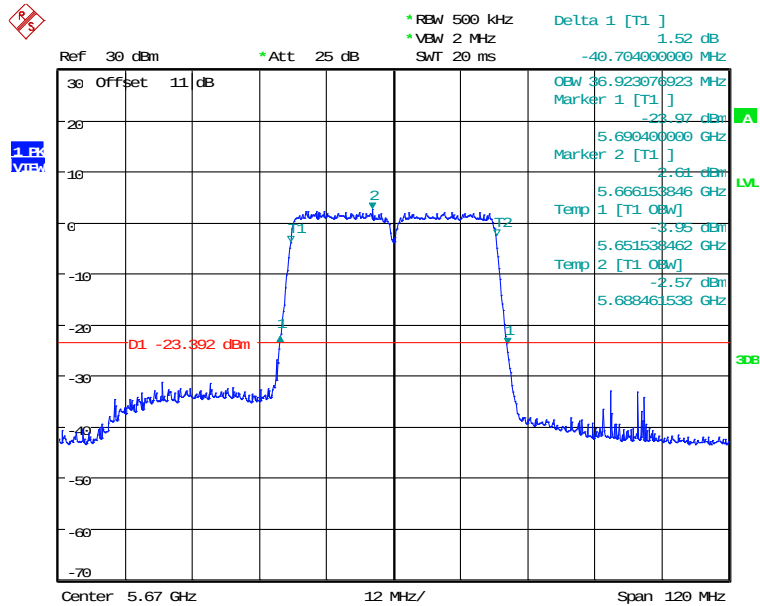
99% OBW & 26DB BANDWIDTH ANT1_11n40_CH102
Date: 31.JUL.2025 15:39:47



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



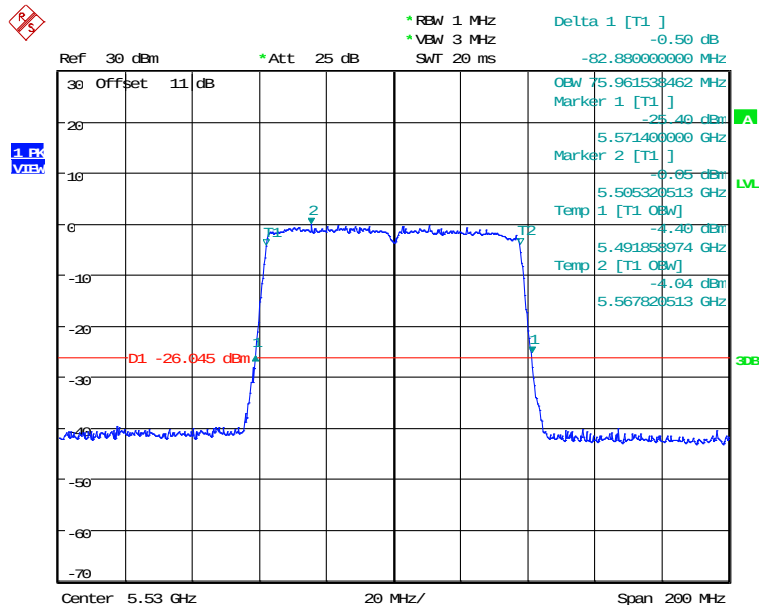
99% OBW & 26DB BANDWIDTH ANT1_11n40_CH118
Date: 31.JUL.2025 15:42:16



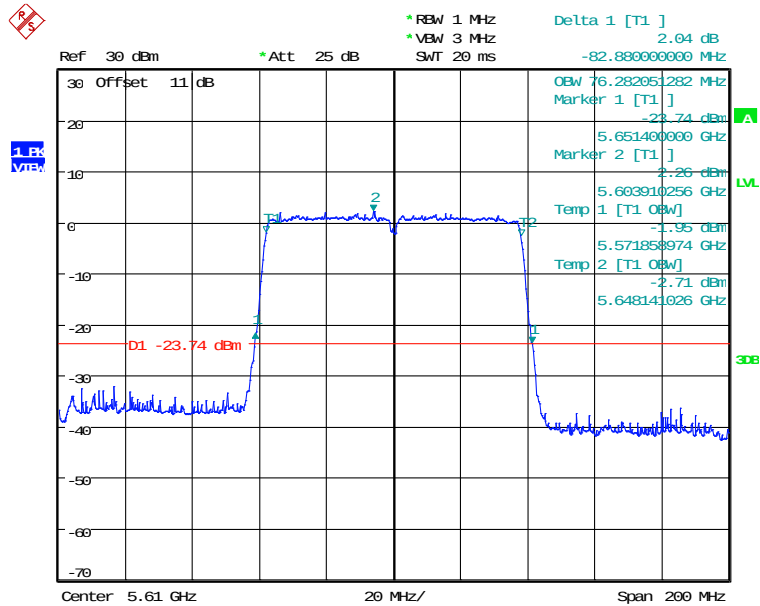
99% OBW & 26DB BANDWIDTH ANT1_11n40_CH134
Date: 31.JUL.2025 15:43:49



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



99% OBW & 26DB BANDWIDTH ANT1_11ac80_CH106
Date: 31.JUL.2025 15:48:19



99% OBW & 26DB BANDWIDTH ANT1_11ac80_CH122
Date: 31.JUL.2025 15:50:19



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

3.3 6dB emission bandwidth, 99% Occupied Bandwidth, FCC 15.407 (a)

According to §15.407(a). No Limit required.

Result:

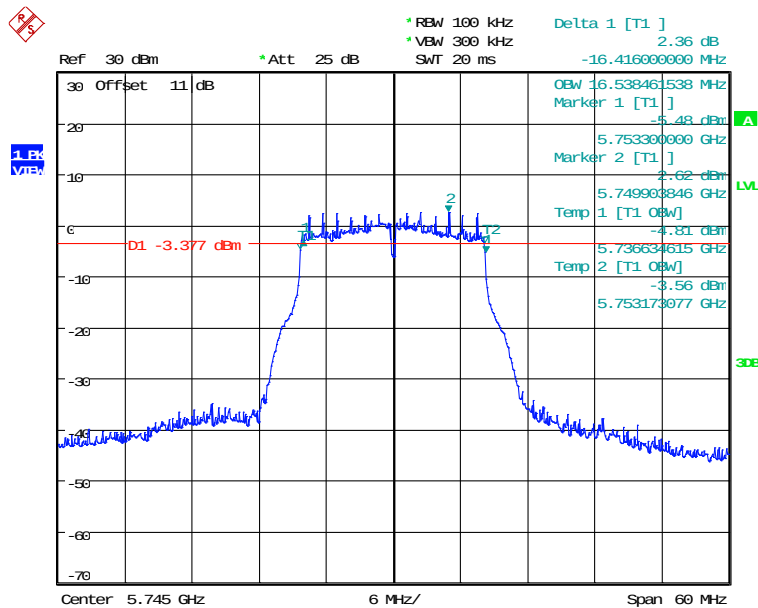
Test date: July 31, 2025

Temperature: 26.2°C

Humidity: 53.0 %

Tester: Sora

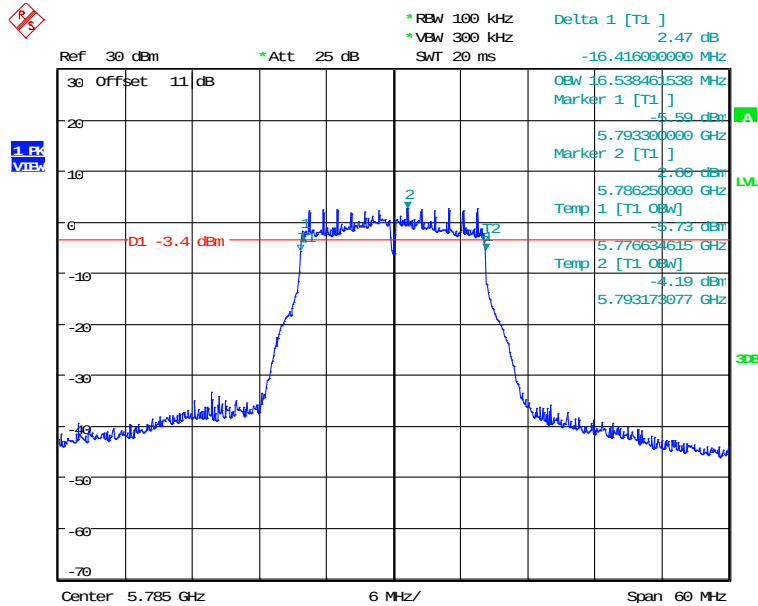
5.725 GHz ~ 5.85 GHz



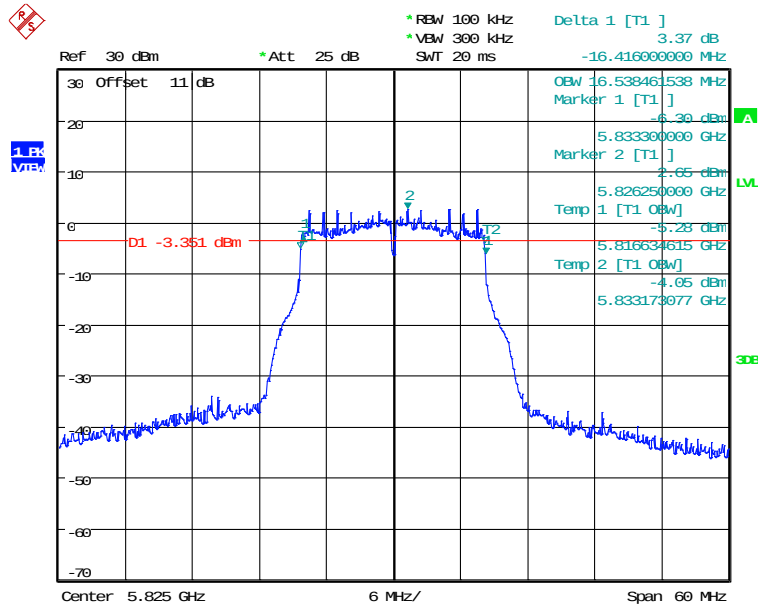
99% OBW & 6DB BANDWIDTH ANT1_11a_CH149
Date: 31.JUL.2025 16:11:02



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



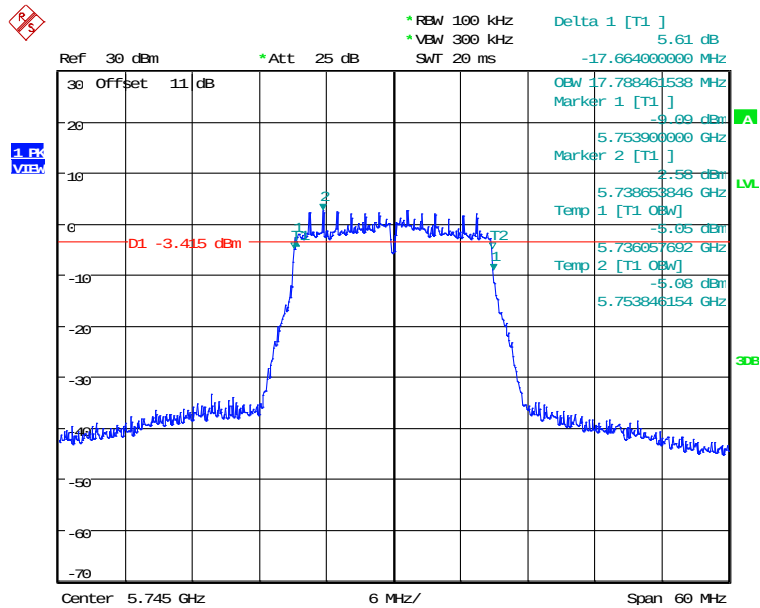
99% OBW & 6DB BANDWIDTH ANT1_11a_CH157
Date: 31.JUL.2025 16:12:19



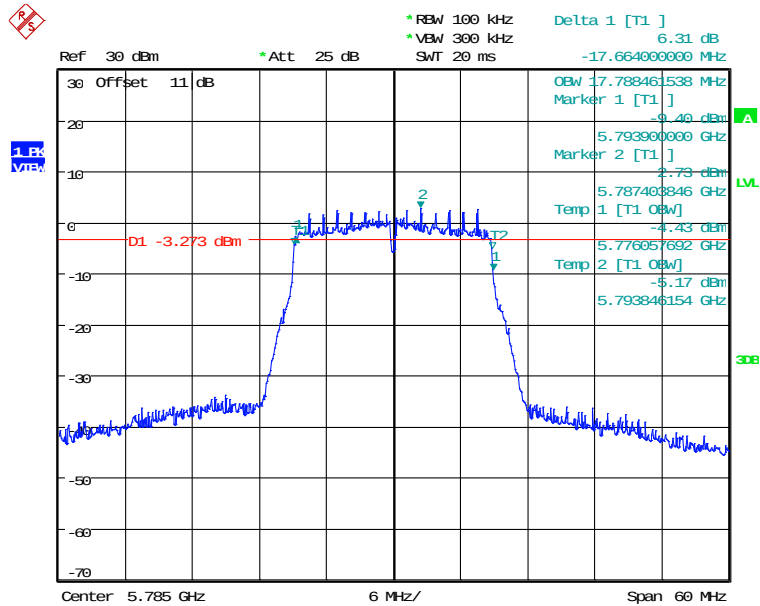
99% OBW & 6DB BANDWIDTH ANT1_11a_CH165
Date: 31.JUL.2025 16:13:36



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



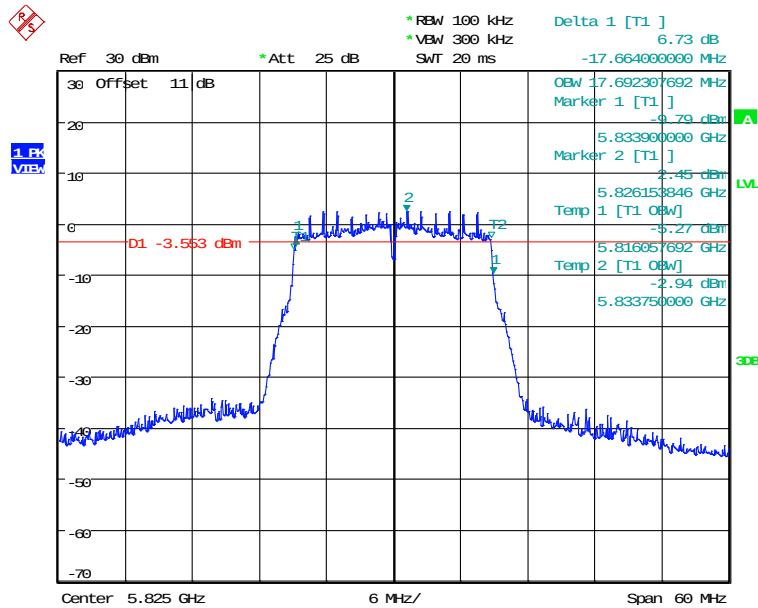
99% OBW & 6DB BANDWIDTH ANT1_11n20_CH149
Date: 31.JUL.2025 16:05:49



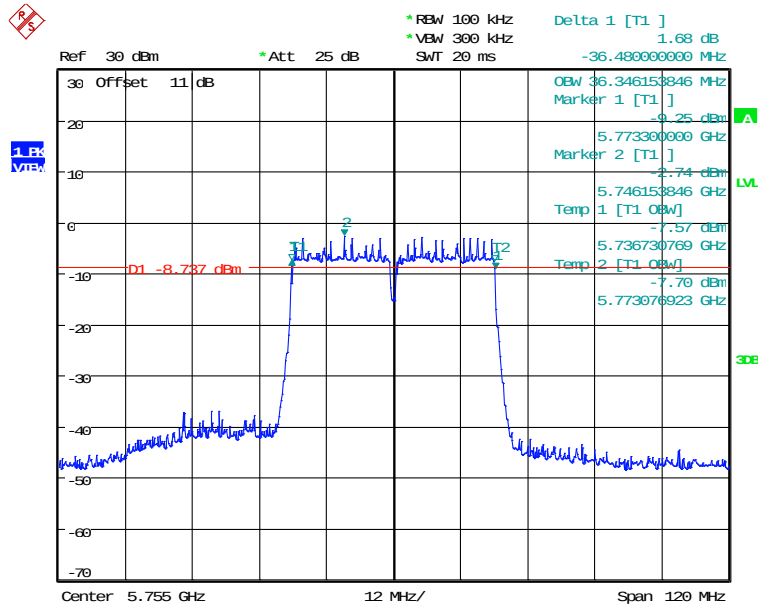
99% OBW & 6DB BANDWIDTH ANT1_11n20_CH157
Date: 31.JUL.2025 16:06:55



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



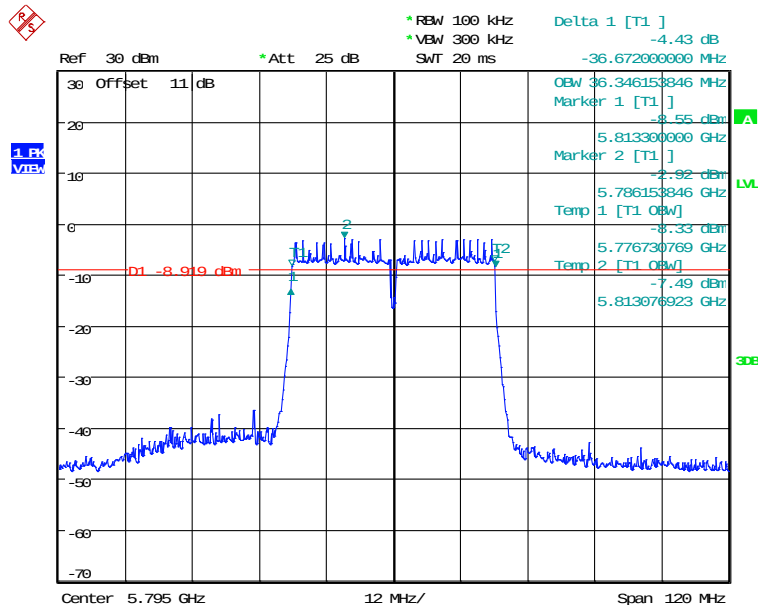
99% OBW & 6DB BANDWIDTH ANT1_11n20_CH165
Date: 31.JUL.2025 16:09:23



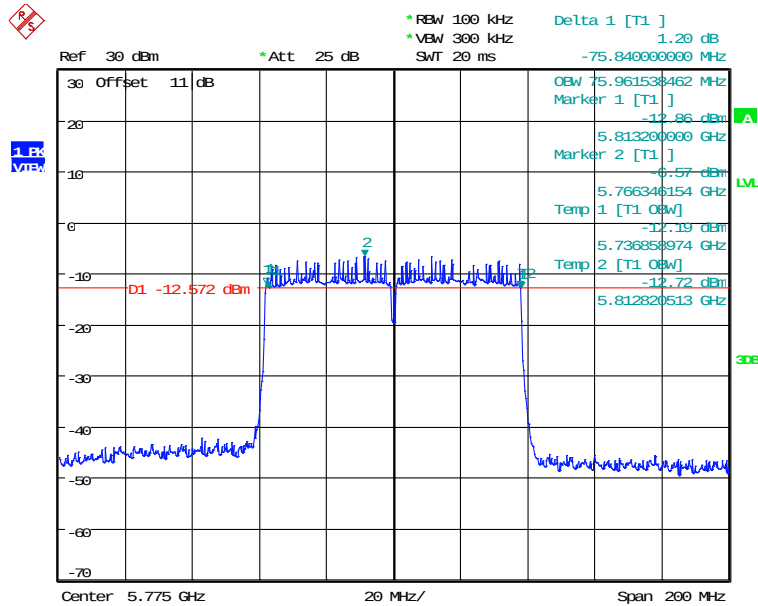
99% OBW & 6DB BANDWIDTH ANT1_11n40_CH151
Date: 31.JUL.2025 16:02:42



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



99% OBW & 6DB BANDWIDTH ANT1_11n40_CH159
Date: 31.JUL.2025 16:04:10



99% OBW & 6DB BANDWIDTH ANT1_11ac80_CH155
Date: 31.JUL.2025 15:59:13



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

3.4 Peak Power Spectral Density, FCC 15.407 (a)

According to §15.407(a)

For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 17 dBm/MHz for master device and 11 dBm/MHz for mobile/portable client device.

For the band 5.25-5.35 GHz and 5.47-5.725 GHz, the peak power spectral density shall not exceed 11 dBm/MHz

For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm/500kHz.

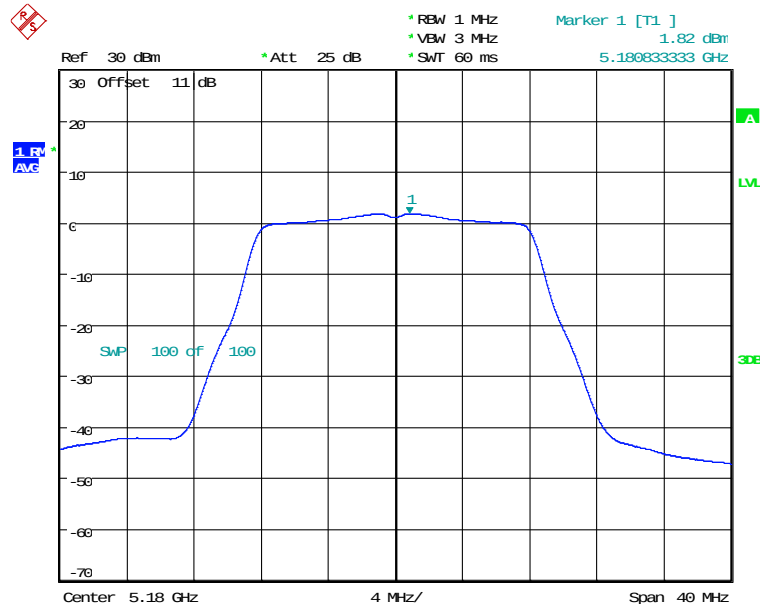
Test date: July 31, 2025

Temperature: 26.2°C

Humidity: 53.0 %

Tester: Sora

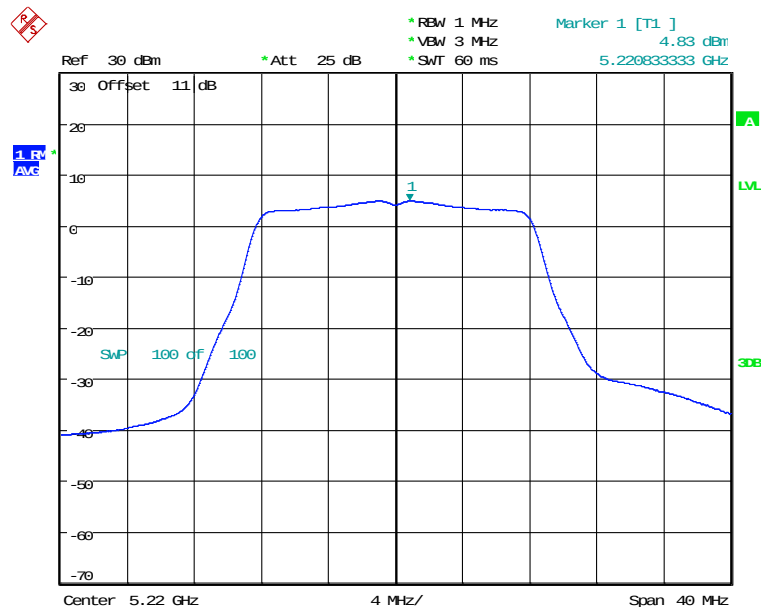
5.15 GHz ~ 5.25 GHz



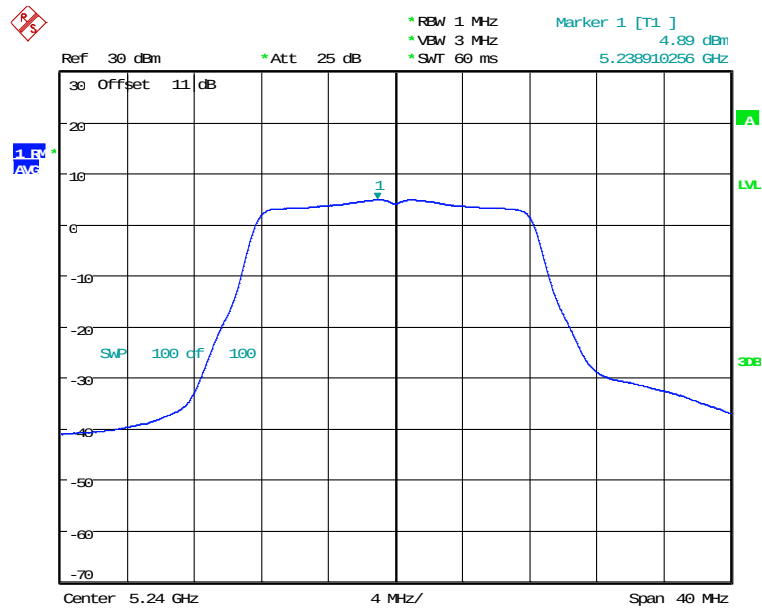
POWER DENSITY AV ANT111aCH36
Date: 31.JUL.2025 13:17:00



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



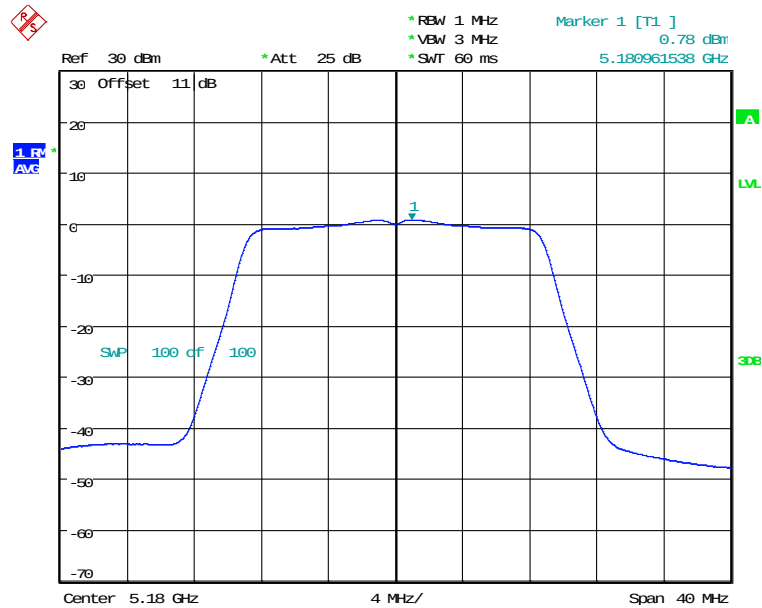
POWER DENSITY AV ANT111aCH44
Date: 31.JUL.2025 13:20:09



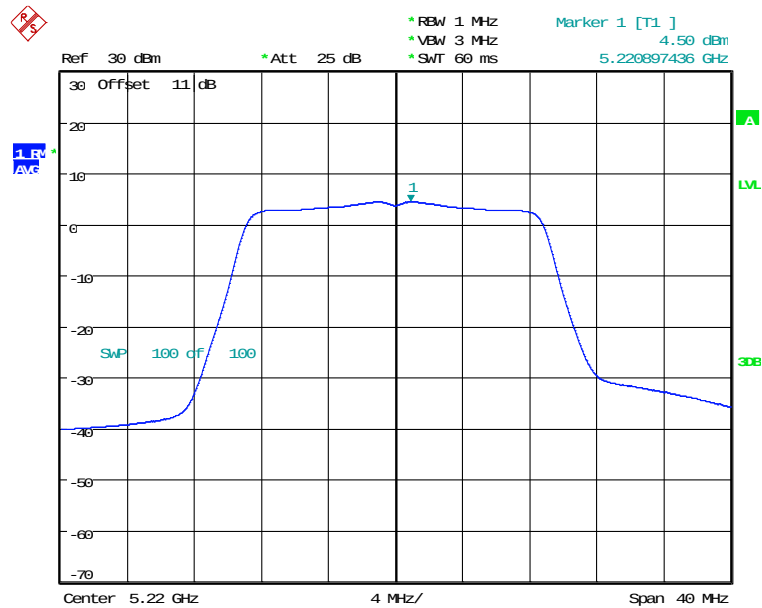
POWER DENSITY AV ANT111aCH48
Date: 31.JUL.2025 13:21:20



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



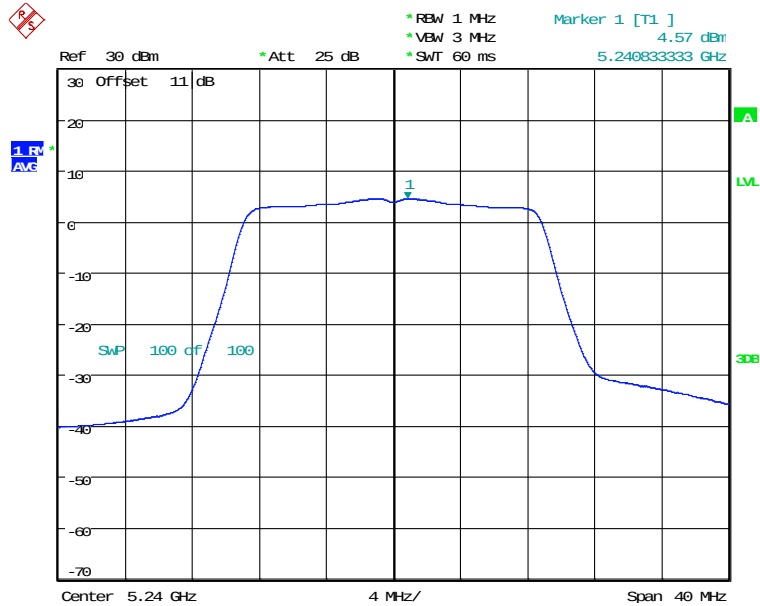
POWER DENSITY AV ANT111n20CH36
Date: 31.JUL.2025 13:22:38



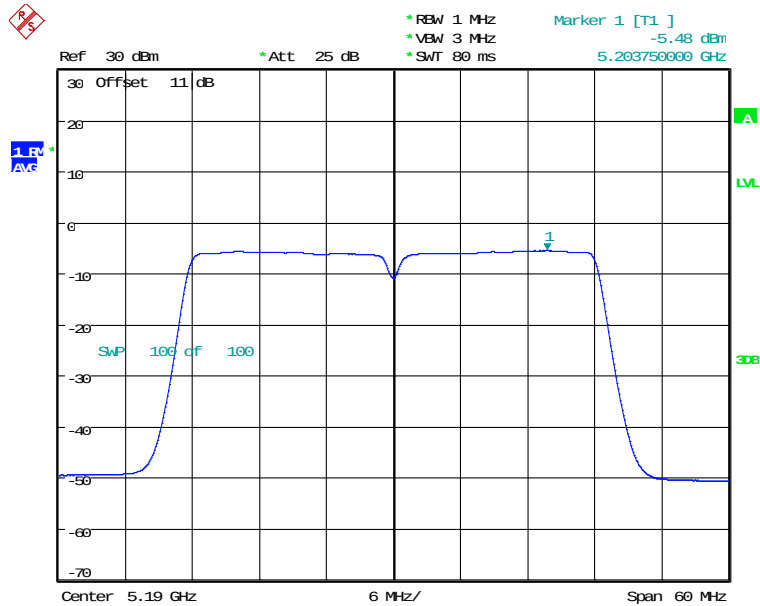
POWER DENSITY AV ANT111n20CH44
Date: 31.JUL.2025 13:23:50



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



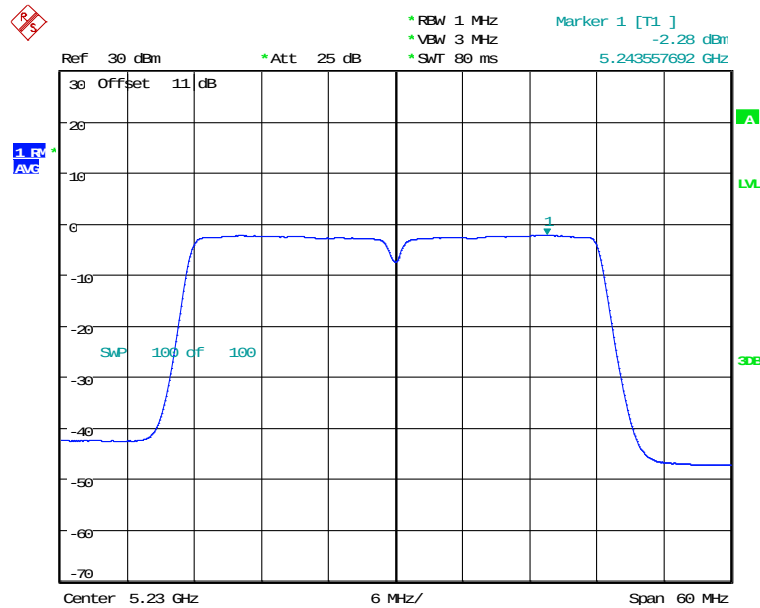
POWER DENSITY AV ANT111n20CH48
Date: 31.JUL.2025 13:25:01



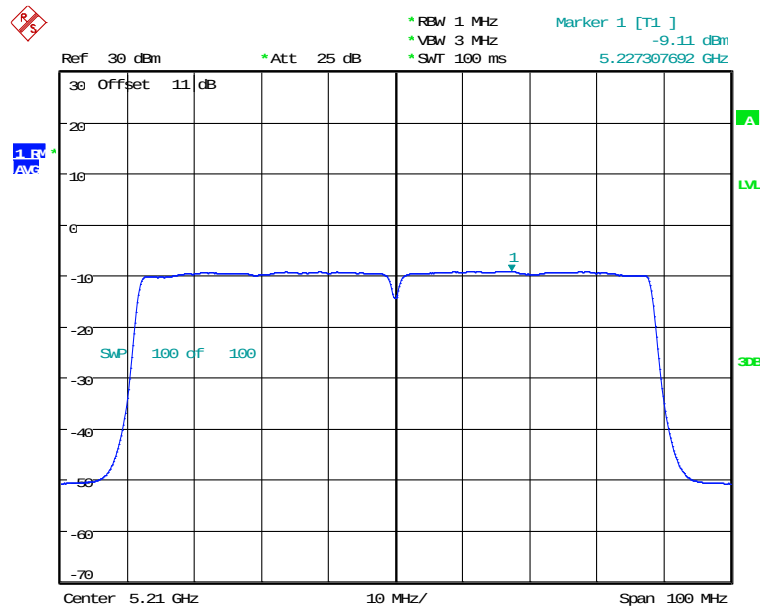
POWER DENSITY AV ANT111n40CH38
Date: 31.JUL.2025 13:30:55



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



POWER DENSITY AV ANT111n40CH46
Date: 31.JUL.2025 13:32:02



POWER DENSITY AV ANT111ac80CH42
Date: 31.JUL.2025 13:35:37

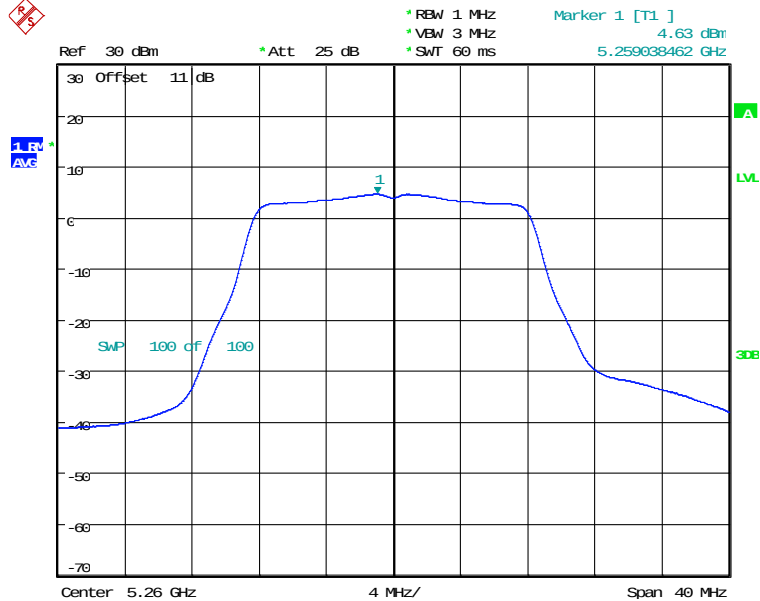


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Registration number: W6M22507-24608-C-2

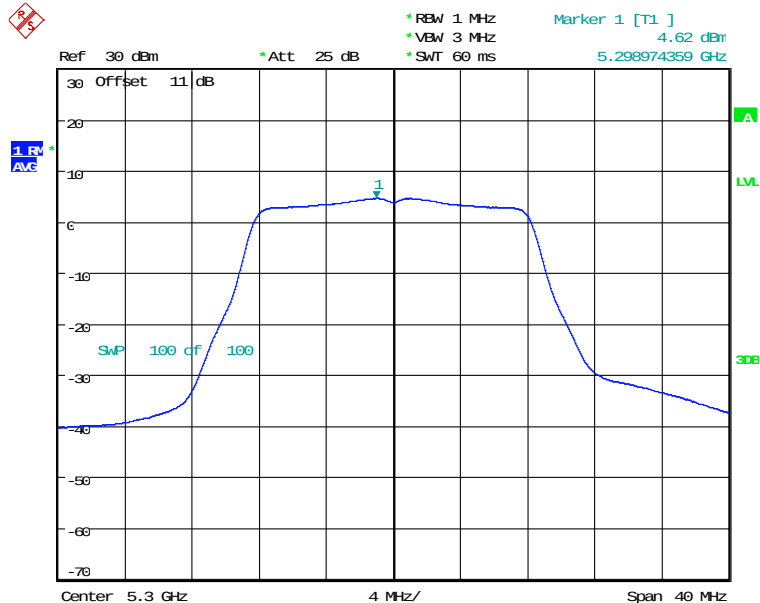
FCC ID: 2ARIOCC0032

5.25 GHz ~ 5.35 GHz



POWER DENSITY AV ANT111aCH52

Date: 31.JUL.2025 13:59:21

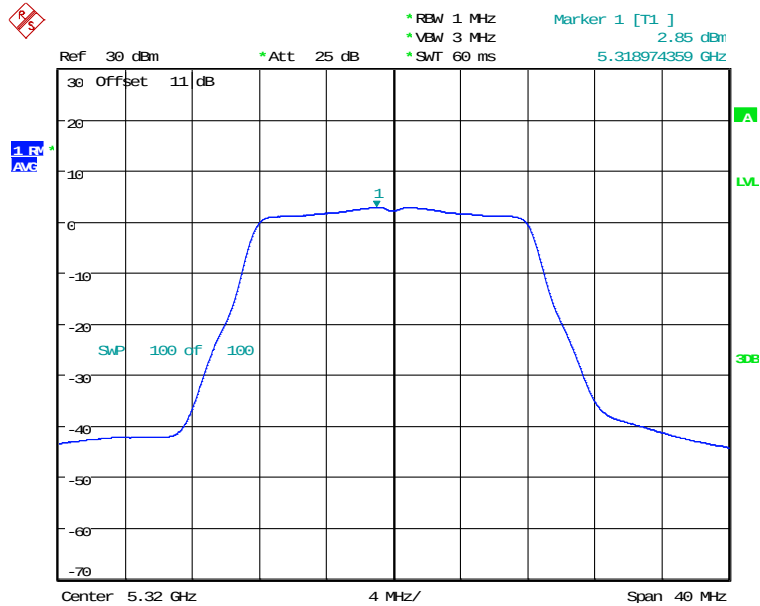


POWER DENSITY AV ANT111aCH60

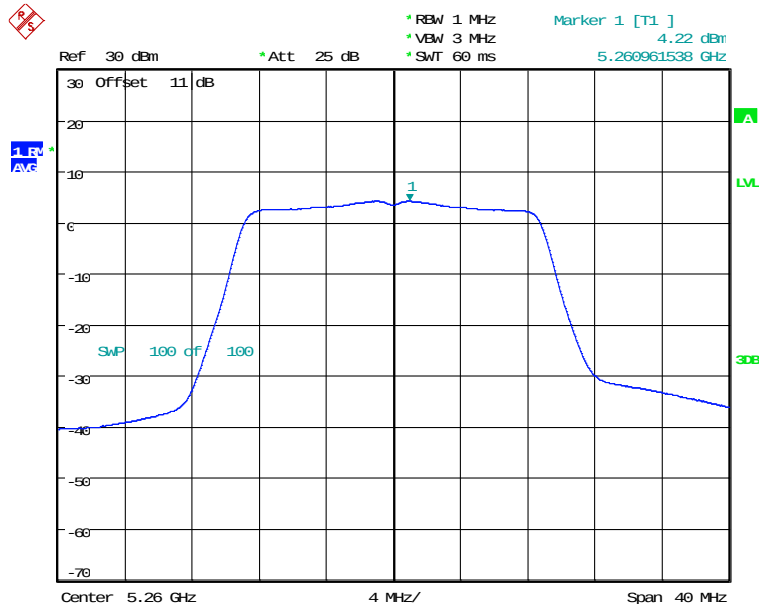
Date: 31.JUL.2025 14:00:26



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



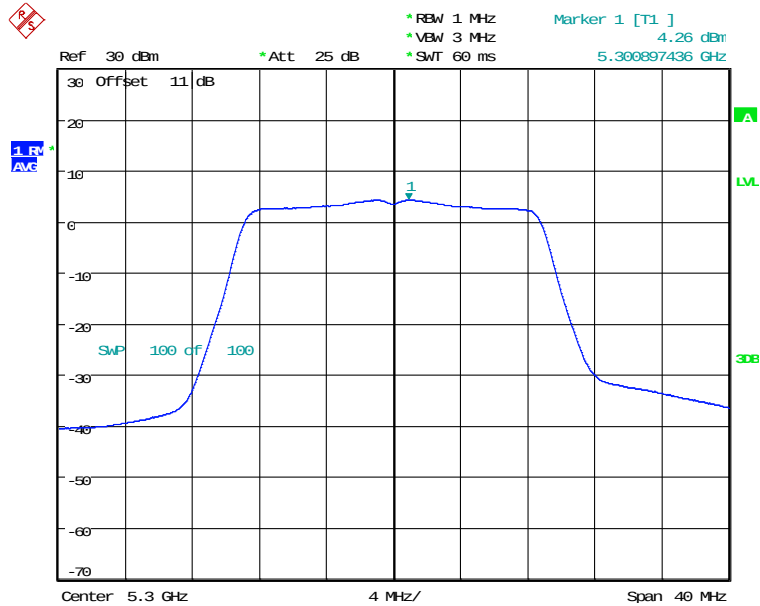
POWER DENSITY AV ANT111aCH64
Date: 31.JUL.2025 14:01:31



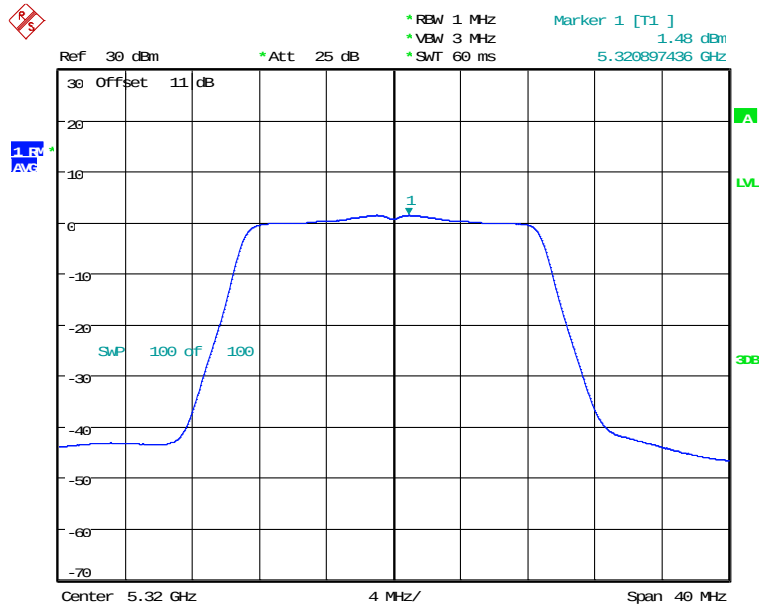
POWER DENSITY AV ANT111n20CH52
Date: 31.JUL.2025 13:53:43



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



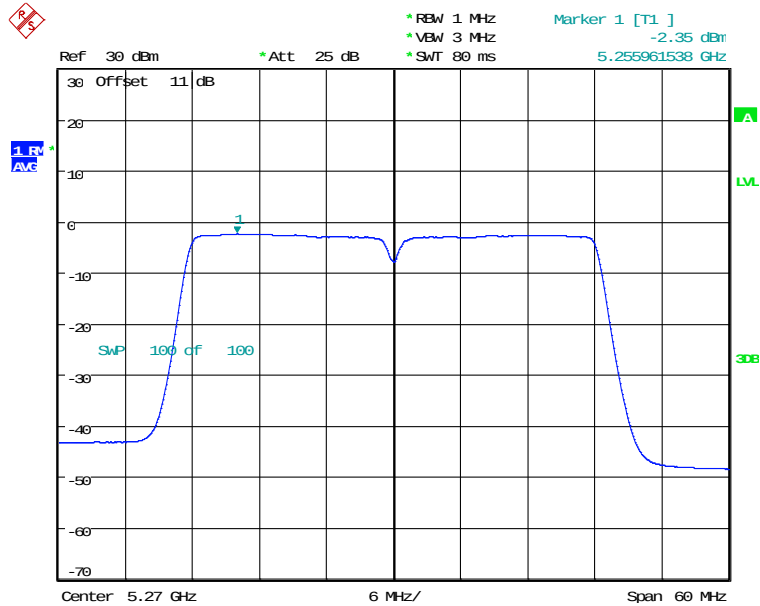
POWER DENSITY AV ANT111n20CH60
Date: 31.JUL.2025 13:55:27



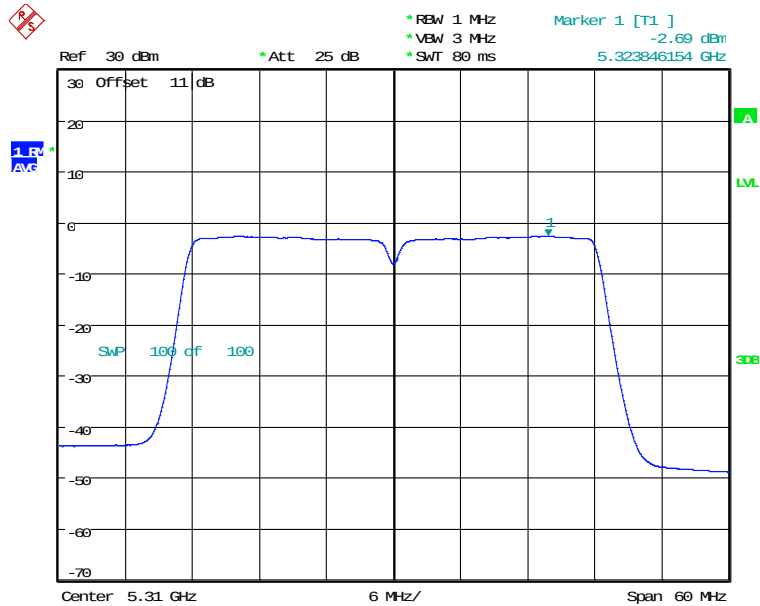
POWER DENSITY AV ANT111n20CH64
Date: 31.JUL.2025 13:56:45



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



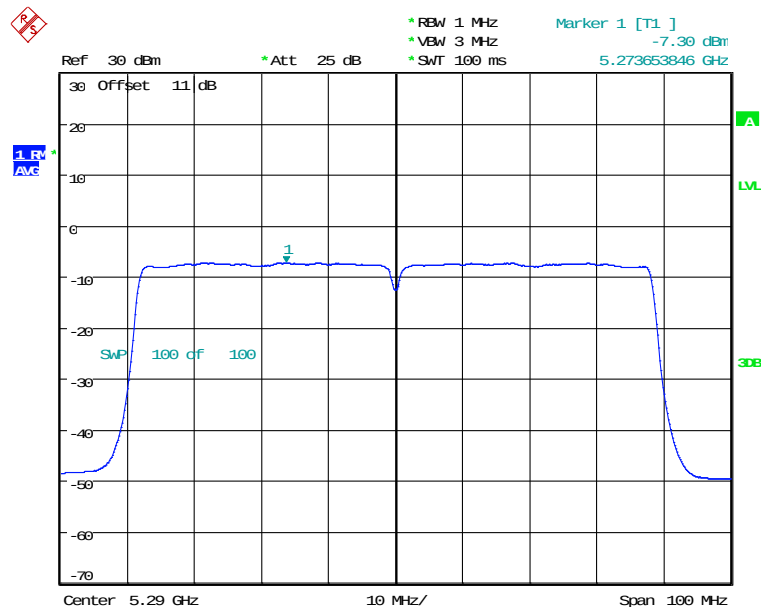
POWER DENSITY AV ANT111n40CH54
Date: 31.JUL.2025 13:41:40



POWER DENSITY AV ANT111n40CH62
Date: 31.JUL.2025 13:51:17

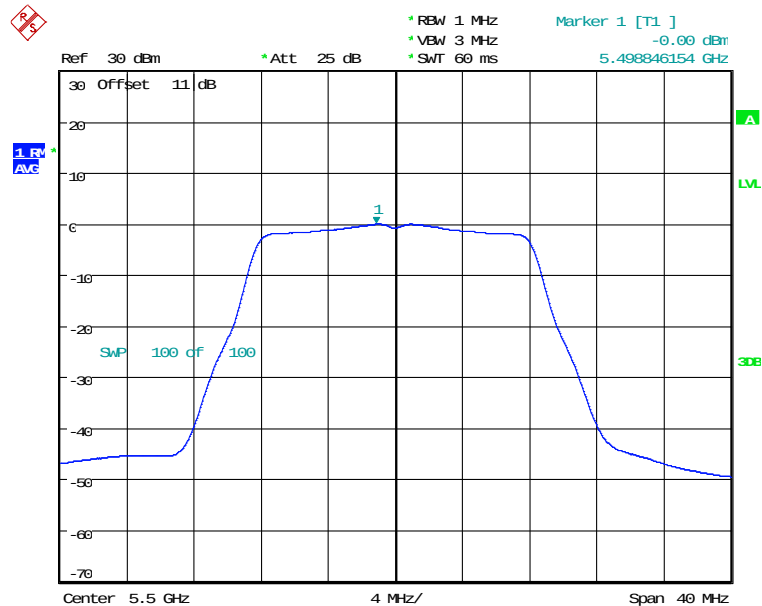


Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



POWER DENSITY AV ANT111ac80CH58
Date: 31.JUL.2025 13:39:35

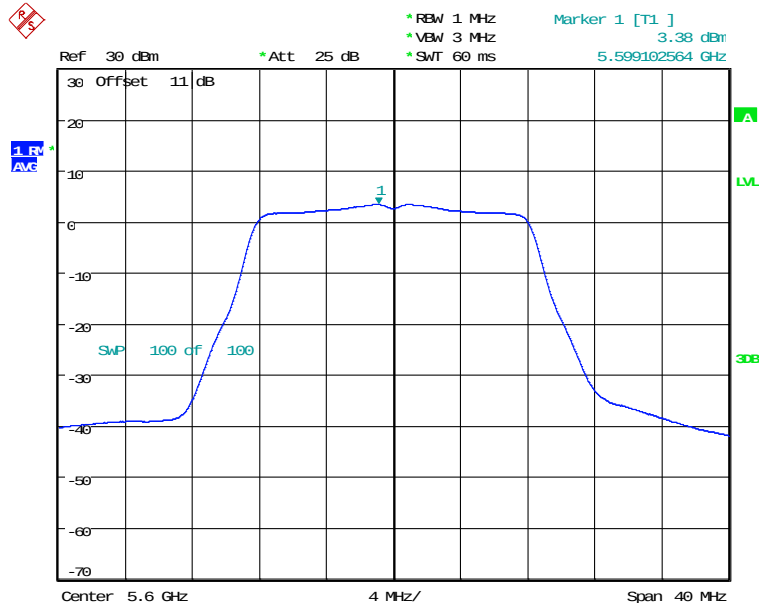
5.47 GHz-5.725 GHz



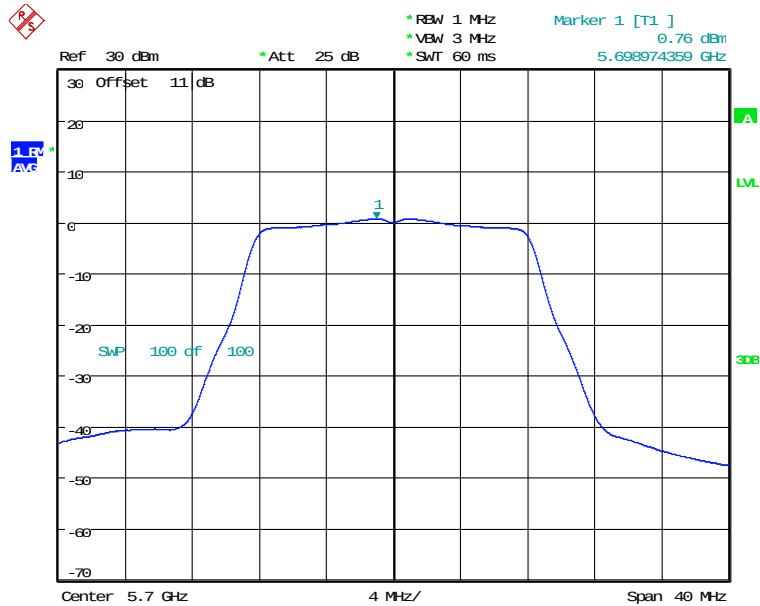
POWER DENSITY AV ANT111aCH100
Date: 31.JUL.2025 15:26:01



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



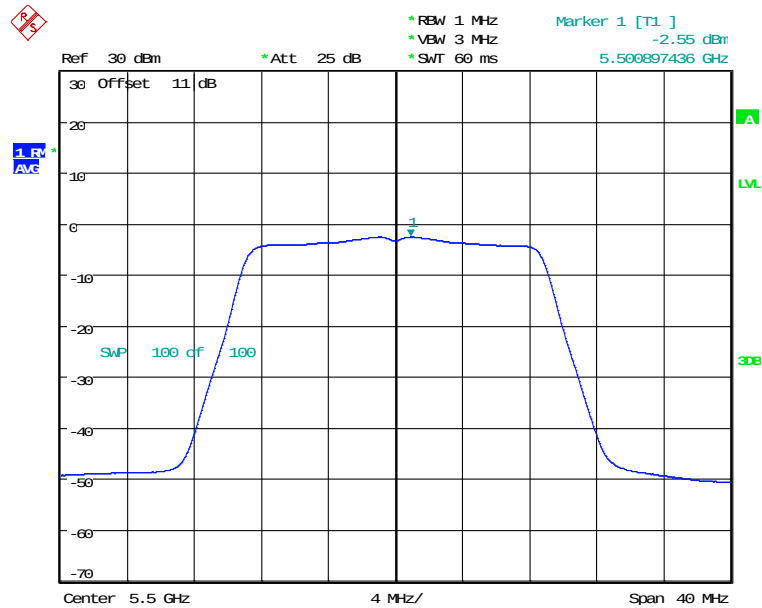
POWER DENSITY AV ANT111aCH120
Date: 31.JUL.2025 15:27:12



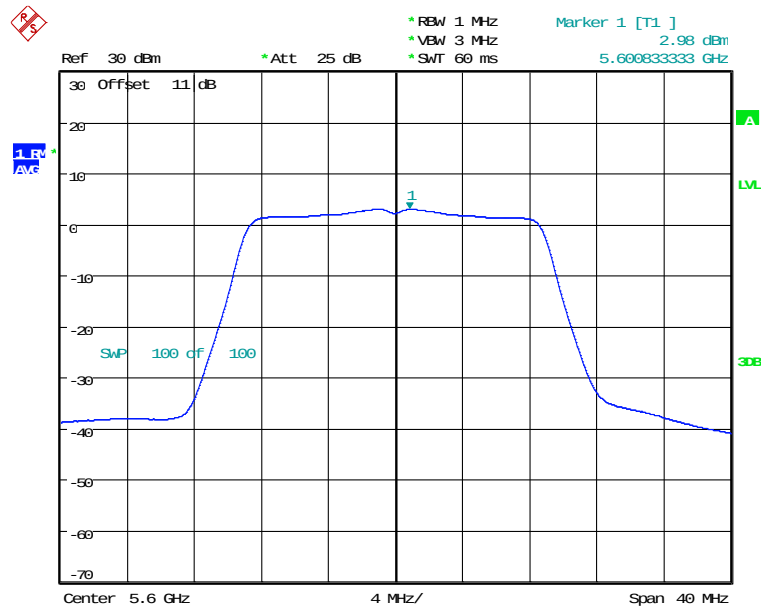
POWER DENSITY AV ANT111aCH140
Date: 31.JUL.2025 15:28:24



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



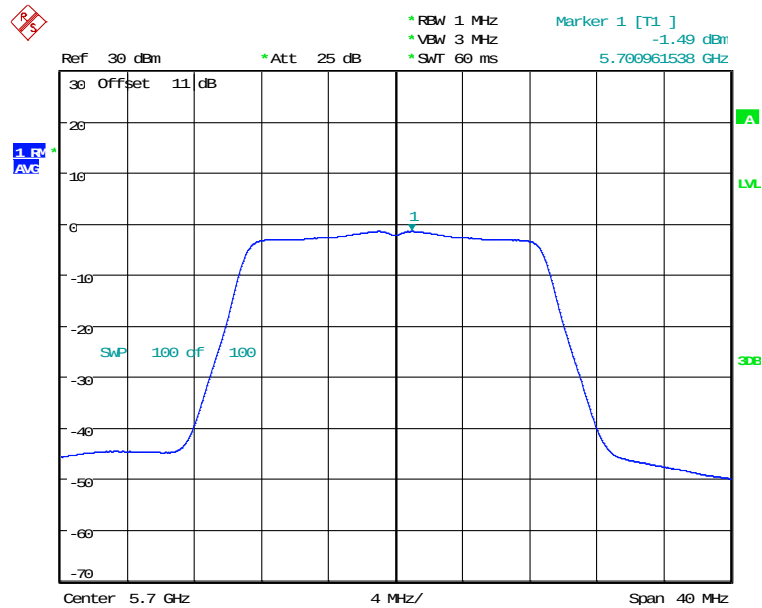
POWER DENSITY AV ANT111n20CH100
Date: 31.JUL.2025 15:30:08



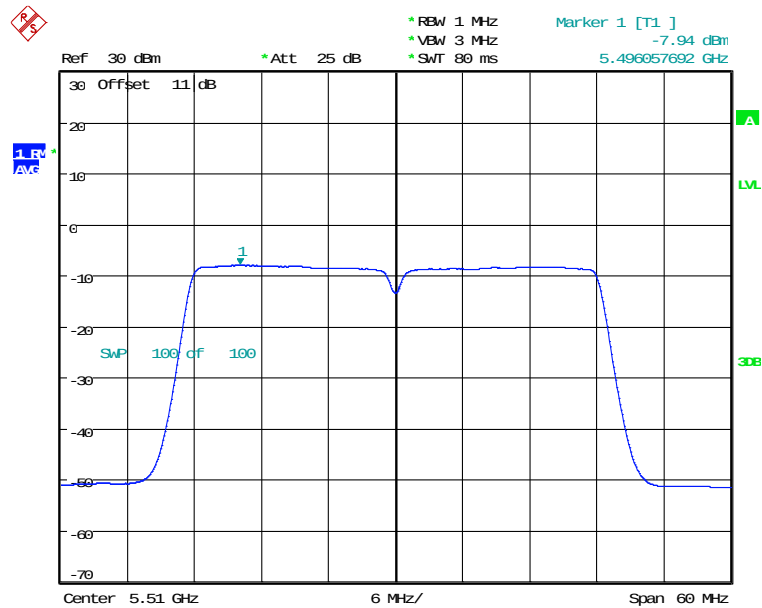
POWER DENSITY AV ANT111n20CH120
Date: 31.JUL.2025 15:36:31



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



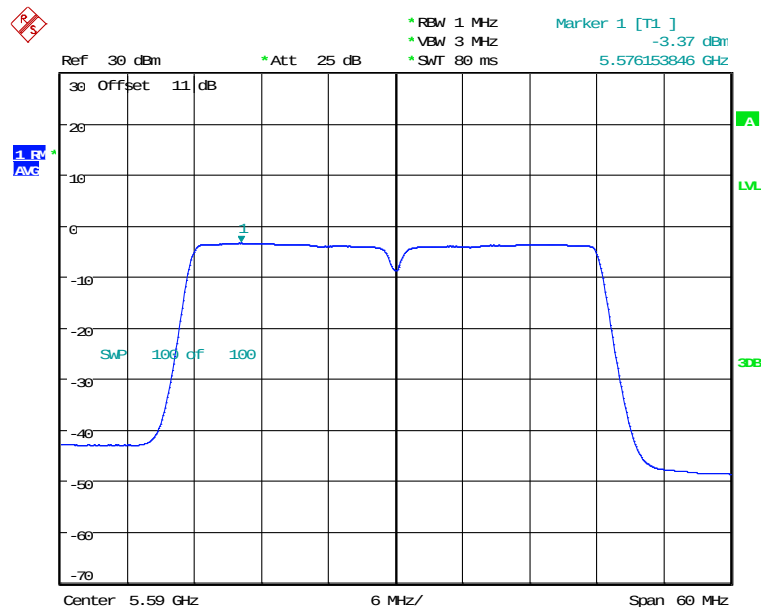
POWER DENSITY AV ANT111n20CH140
Date: 31.JUL.2025 15:37:36



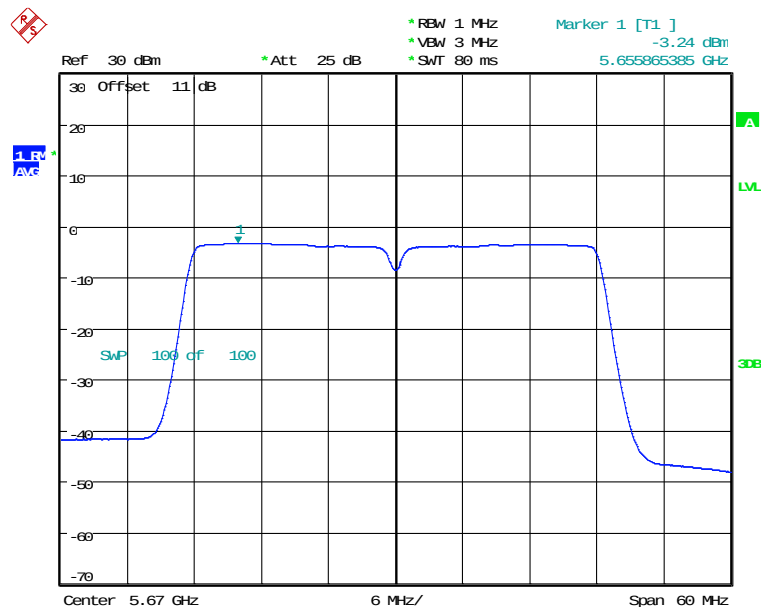
POWER DENSITY AV ANT111n40CH102
Date: 31.JUL.2025 15:39:32



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



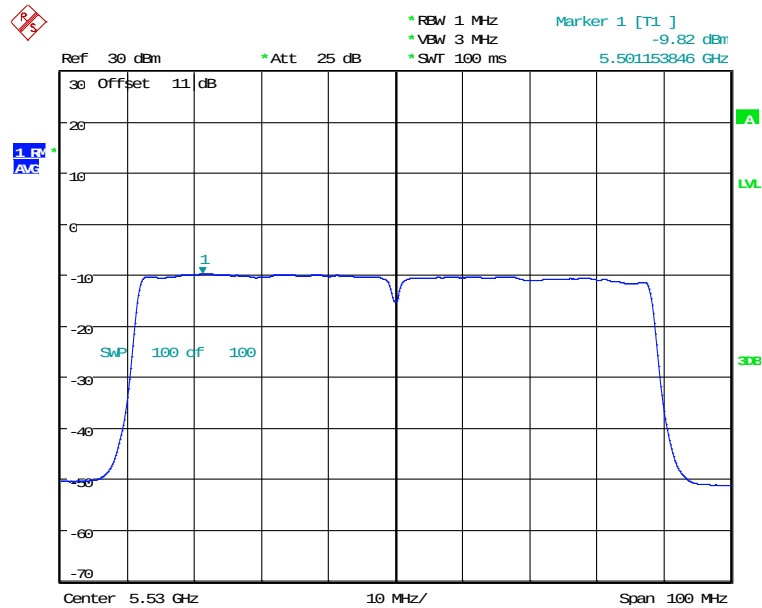
POWER DENSITY AV ANT111n40CH118
Date: 31.JUL.2025 15:42:02



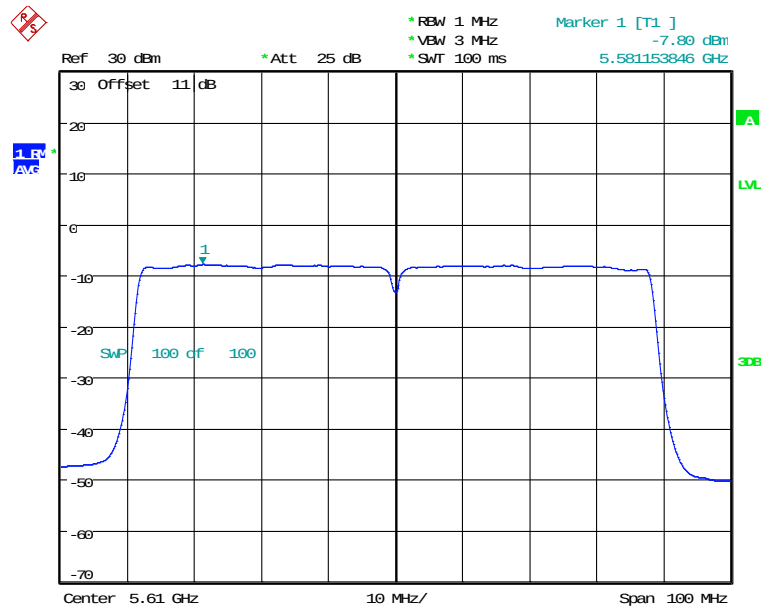
POWER DENSITY AV ANT111n40CH134
Date: 31.JUL.2025 15:43:32



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



POWER DENSITY AV ANT111ac80CH106
Date: 31.JUL.2025 15:48:04



POWER DENSITY AV ANT111ac80CH122
Date: 31.JUL.2025 15:50:03

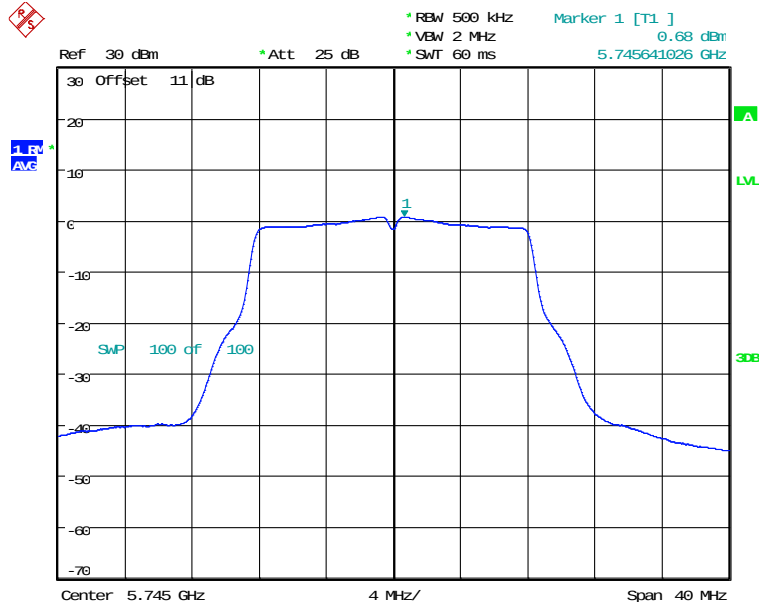


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Registration number: W6M22507-24608-C-2

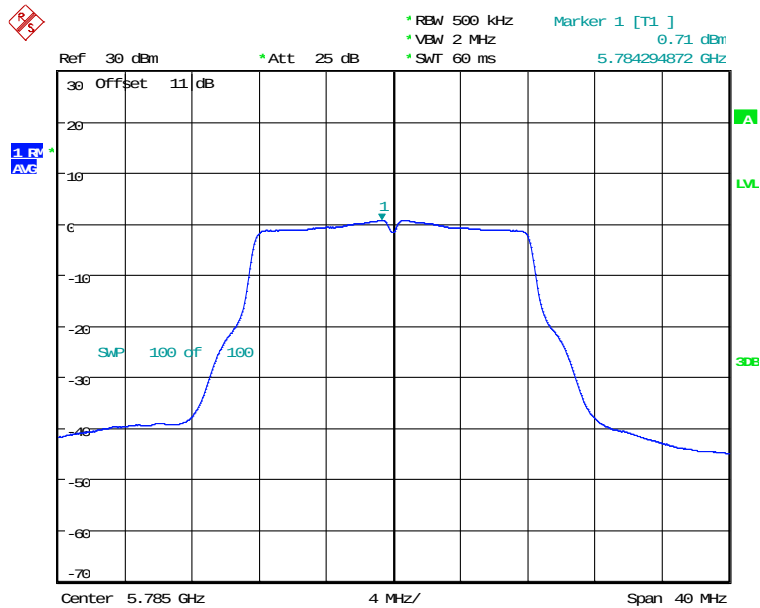
FCC ID: 2ARIOCC0032

5.725 GHz ~ 5.85 GHz



POWER DENSITY AV ANT111aCH149

Date: 31.JUL.2025 16:10:45

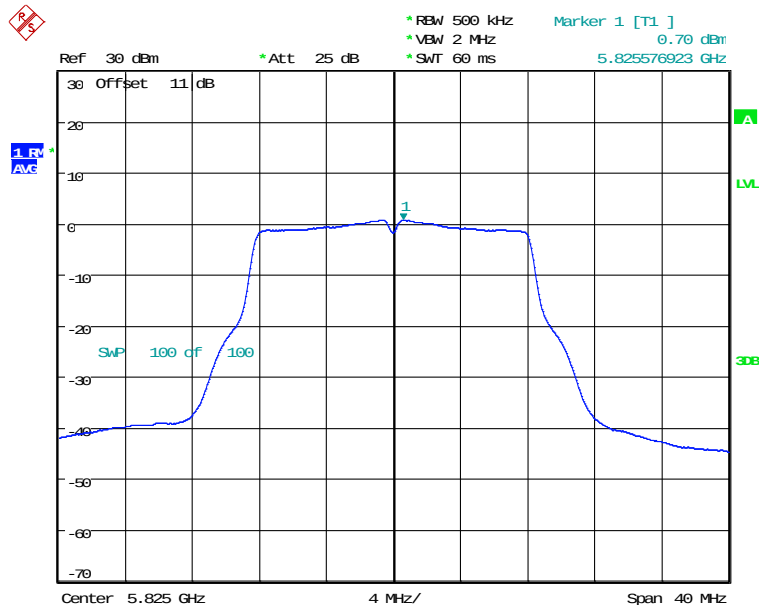


POWER DENSITY AV ANT111aCH157

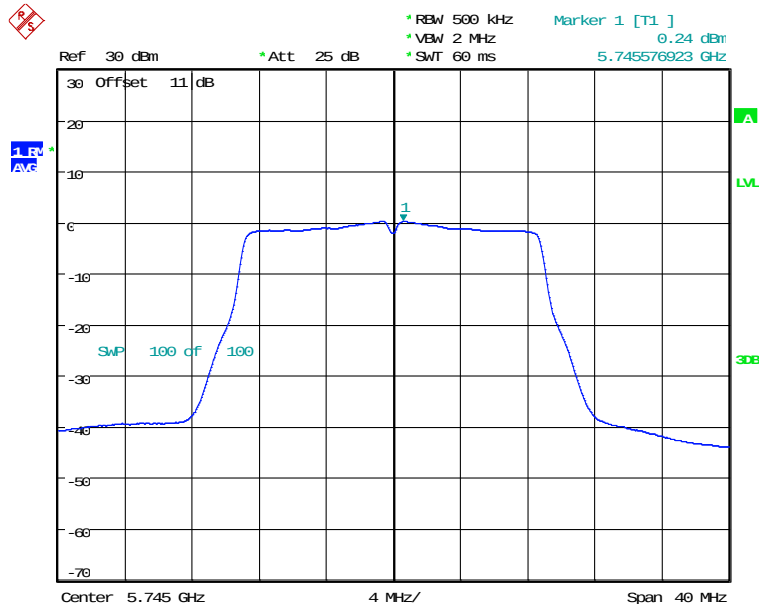
Date: 31.JUL.2025 16:12:03



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



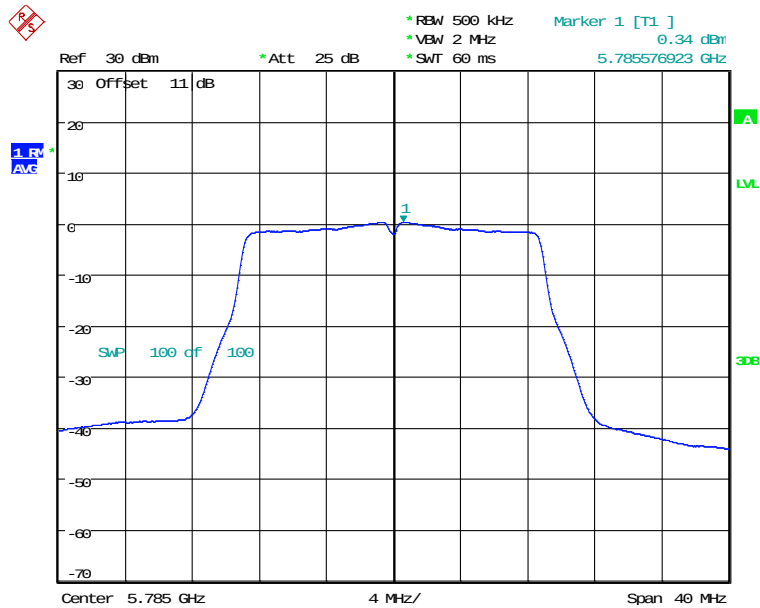
POWER DENSITY AV ANT111aCH165
Date: 31.JUL.2025 16:13:21



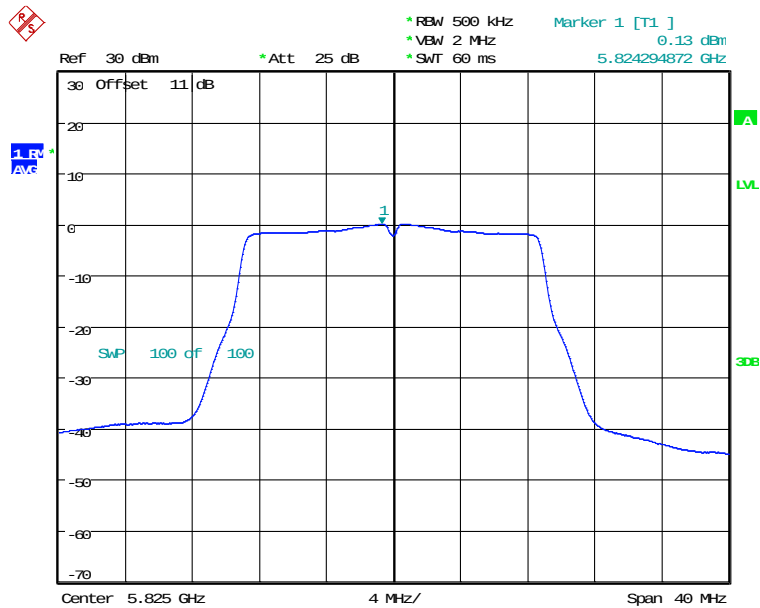
POWER DENSITY AV ANT111n20CH149
Date: 31.JUL.2025 16:05:33



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



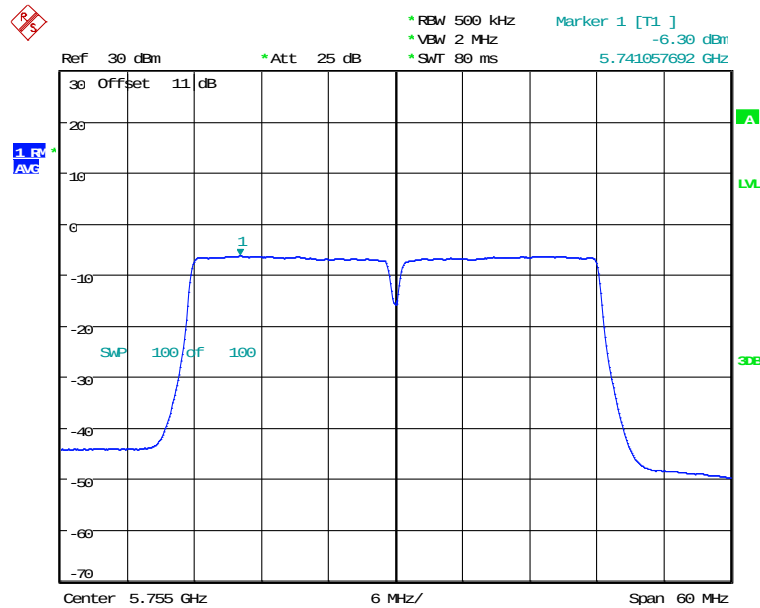
POWER DENSITY AV ANT111n20CH157
Date: 31.JUL.2025 16:06:38



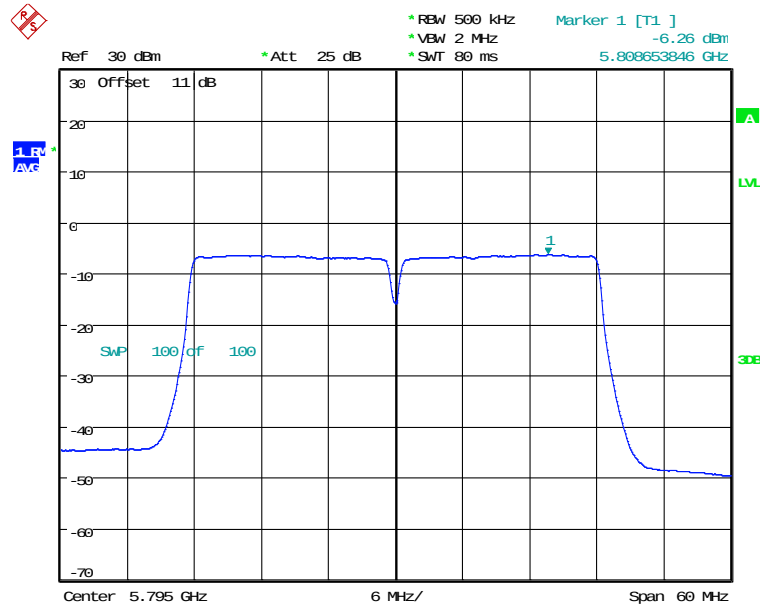
POWER DENSITY AV ANT111n20CH165
Date: 31.JUL.2025 16:09:07



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



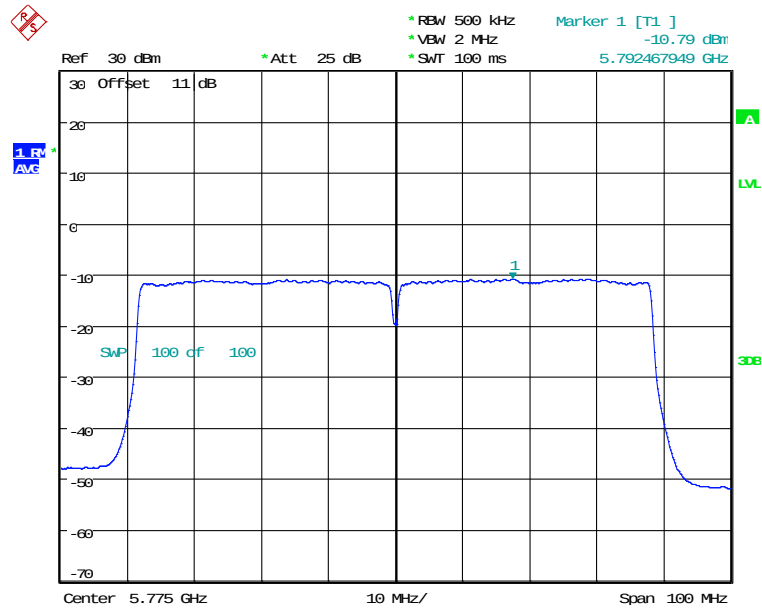
POWER DENSITY AV ANT111n40CH151
Date: 31.JUL.2025 16:02:24



POWER DENSITY AV ANT111n40CH159
Date: 31.JUL.2025 16:03:54



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



POWER DENSITY AV ANT111ac80CH155
Date: 31.JUL.2025 15:58:58



Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

3.5 Undesirable emission limits, FCC 15.407 (b)

1. For transmitters operating in the 5.15–5.25 GHz band: all emissions out-side of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz.
2. For transmitters operating in the 5.25–5.35 GHz band: all emissions out-side of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz. De-vices operating in the 5.25–5.35 GHz band that generate emissions in the 5.15–5.25 GHz band must meet all appli-cable technical requirements for operation in the 5.15–5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15–5.25 GHz band.
3. For transmitters operating in the 5.47–5.725 GHz band: all emissions out-side of the 5.47–5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
4. For transmitters operating in the 5.725–5.850 GHz band: All emissions shall be limited to a level of –27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
5. The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
6. Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209.
7. According to According to KDB 789033 D02 General UNII Test Procedures v01, as specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.
8. If radiated measurements are performed, field strength is then converted to EIRP as follows:
 - (i) $EIRP = ((E \cdot d)^2) / 30$, where: E is the field strength in V/m; d is the measurement distance in meters. EIRP is the equivalent isotropically radiated power in watts.
 - (ii) Working in dB units, the above equation is equivalent to: $EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77$.
 - (iii) Or, if d is 3 meters: $EIRP[dBm] = E[dB\mu V/m] - 95.2$.

Applicable to	Limit	
☒	FIELD STRENGTH at 3m (dB μ V/m)	
	PK	AV
	74	54
☐	EIRP LIMIT (dBm)	EQUIVALENT FIELD STRENGTH at 3m (dB μ V/m)
	PK	PK
	-27	68.3



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Model: Blue Date: --
Mode: -- Temperature: -- °C Engineer: --
Polarization: Horizontal Humidity: -- %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Explanation: After evaluated, the test result in this report adopt the worst case to measure,
please see attached diagrams in appendix.



Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

3.6 Automatic Discontinuation of transmission, FCC 15.407 (c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.

This function will be declared by manufacturer.

3.7 Reserved, FCC 15.407 (d)

3.8 Indoor Operation Restriction, FCC 15.407 (e)

Within the 5.15–5.25 GHz band, U- NII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel MSS operations. This equipment has to be declared by manufacturer of the final product as content of the user manual.

3.9 Transmit Power Control (TPC)

Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Explanation: Max put power of the EUT is less than 500 mW (27dBm) so this test item is not required.



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

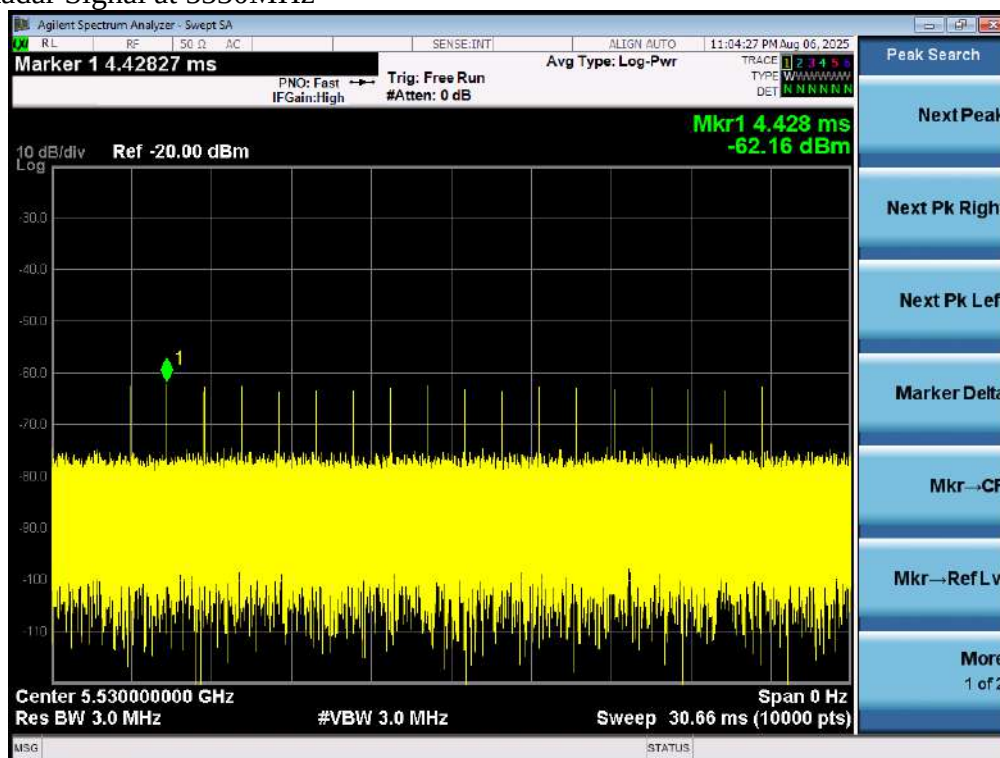
3.10 Dynamic Frequency Selection (DFS)

3.10.1 DFS Detection Threshold

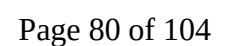
Test date: August 06, 2025
Temperature: 25.3 °C
Humidity: 58.0 %
Tester: Sora

Radar Type

Type0 Radar Signal at 5530MHz



Traffic Plot at 5530MHz





Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

3.10.2 UNII Detection Bandwidth

3.10.3 Initial Channel Availability Check Time-5500 MHz

3.10.4 Radar Burst at the Beginning of the Channel Availability Check Time-5500 MHz

3.10.5 Radar Burst at the End of the Channel Availability Check Time- 5500 MHz

Explanation: The test is not required.



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

**3.10.6 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time
and Non-Occupancy Period**

Note: The Channel Close Transmission Time is compromised 200 milliseconds starting at the beginning of the Channel Move Time plus the additional intermittent control signal required to facilitate channel-move operation (an aggregate of 60milliseconds) during the remainder of the 10seconds period.

Test date: August 06, 2025
Temperature: 25.3 °C
Humidity: 58.0 %
Tester: Sora

Parameter (at 5530MHz)	Test Result	Limit
	Type0	
Channel Move Time (ms)	0.204s	<10s
Channel Close Transmission Time (ms)	0ms	< 60ms
30Minutes Non-Occupancy Time	Pass	>1800s

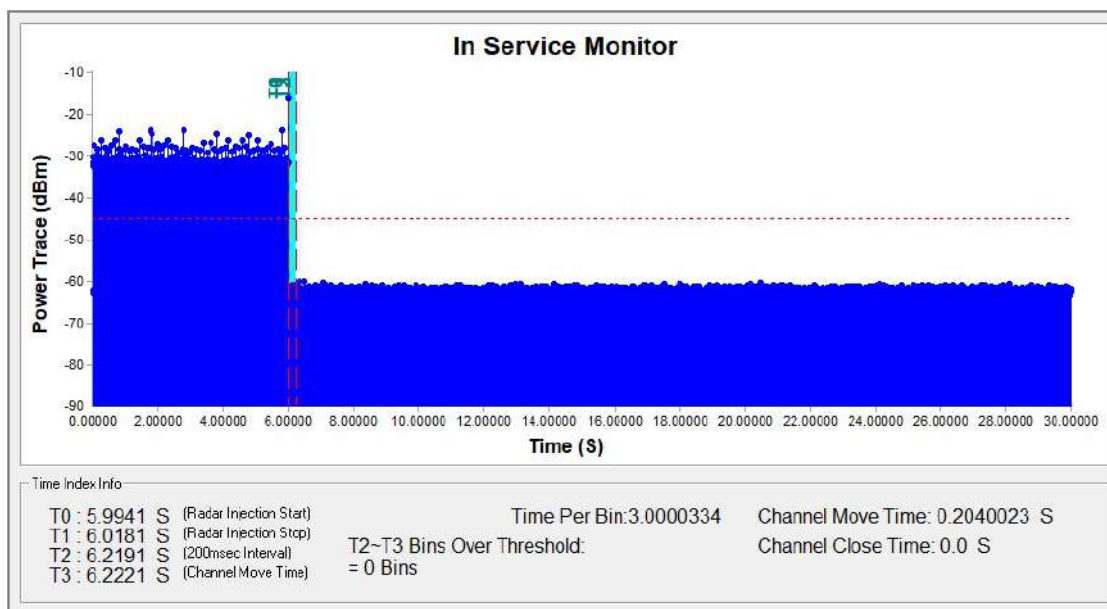
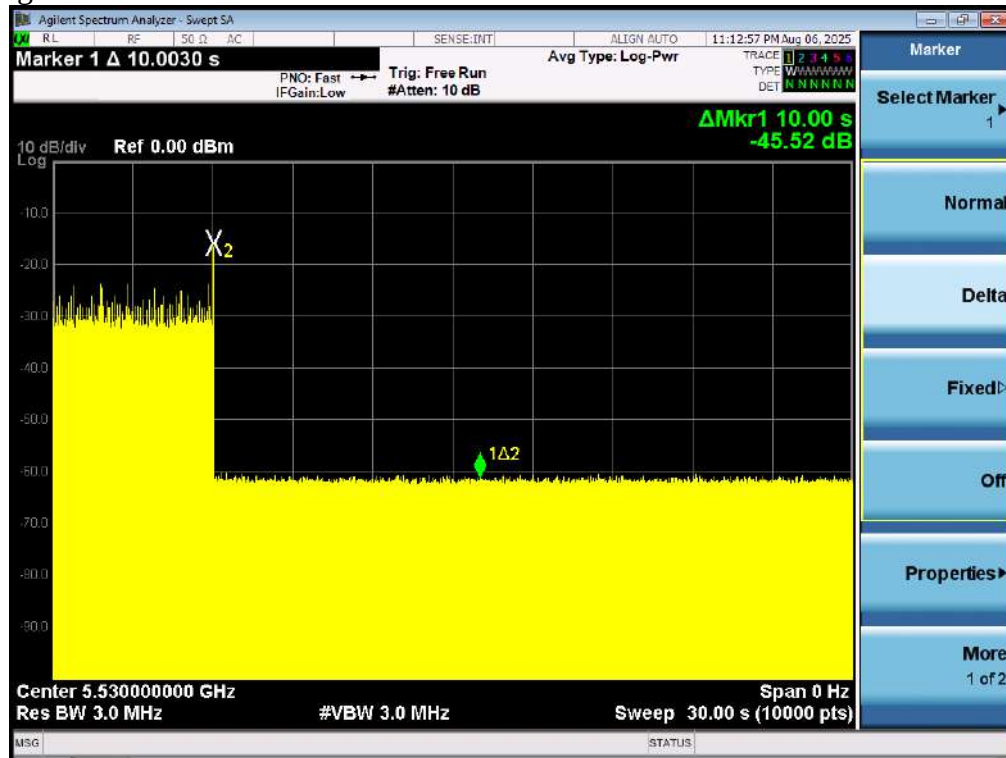
Note: The Channel Close Transmission Time is compromised 200 milliseconds starting at the beginning of the Channel Move Time plus the additional intermittent control signal required to facilitate channel-move operation (an aggregate of 60milliseconds) during the remainder of the 10seconds period.



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

In-Service Monitoring Channel Move Time

Type0 radar signal at 5530MHz

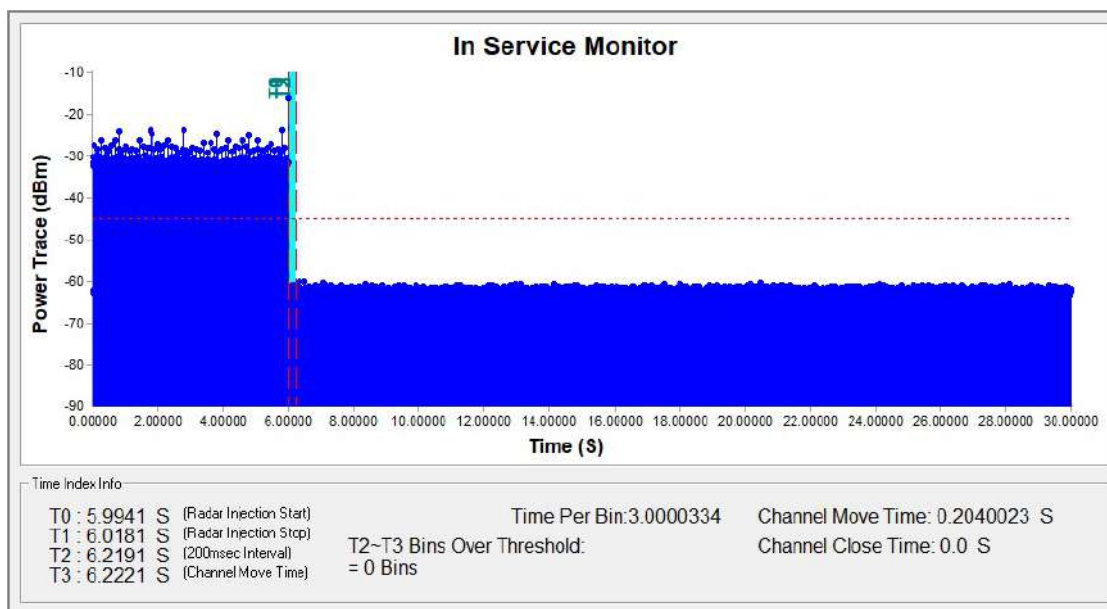
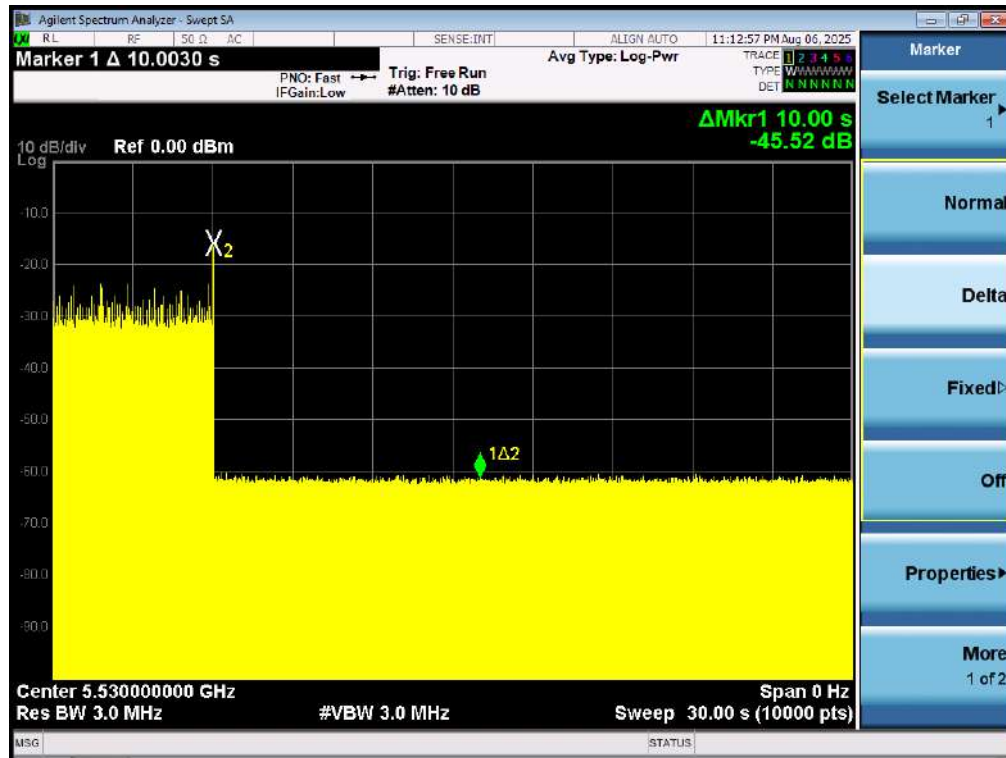


Frequency (MHz)	Bandwidth (MHz)	Radar Type	Test Result (ms)	Limit	Result
5530	160	Type 0	0	60ms	Compliance



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

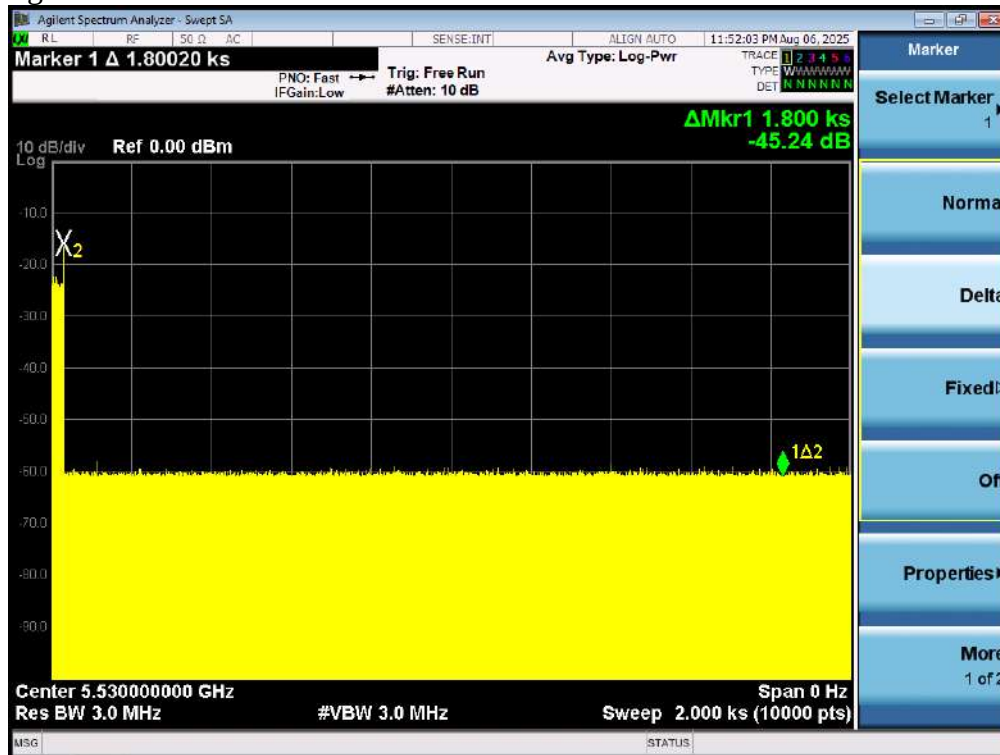
In-Service Monitoring for Channel Closing Transmission Time





Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

In-Service Monitoring for Non-Occupancy Period
Type0 radar signal at 5530MHz



Explanation: ./.



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

3.11 Radiated Emissions from Receiver Part

FCC Rule: 15.109

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

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

Explanation: The test results are listed in the separated test report no.: W6M22409-23739-P-15B.



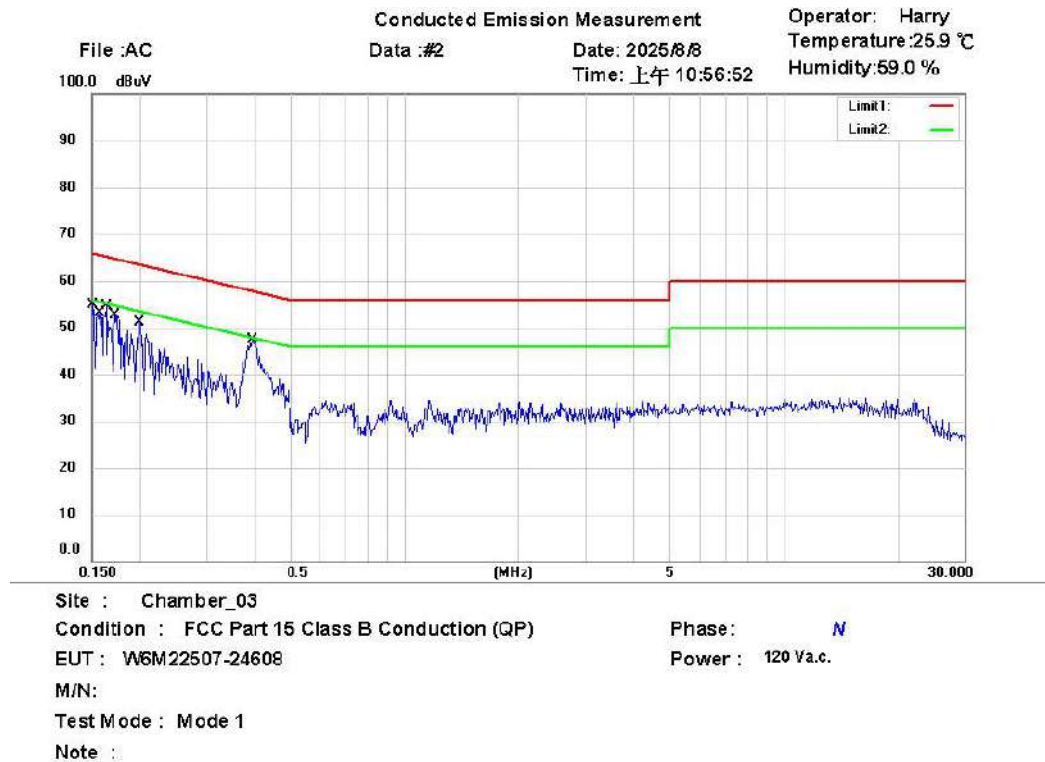
Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

3.12 Power Line Conducted Emission

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

This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.

Mode 1

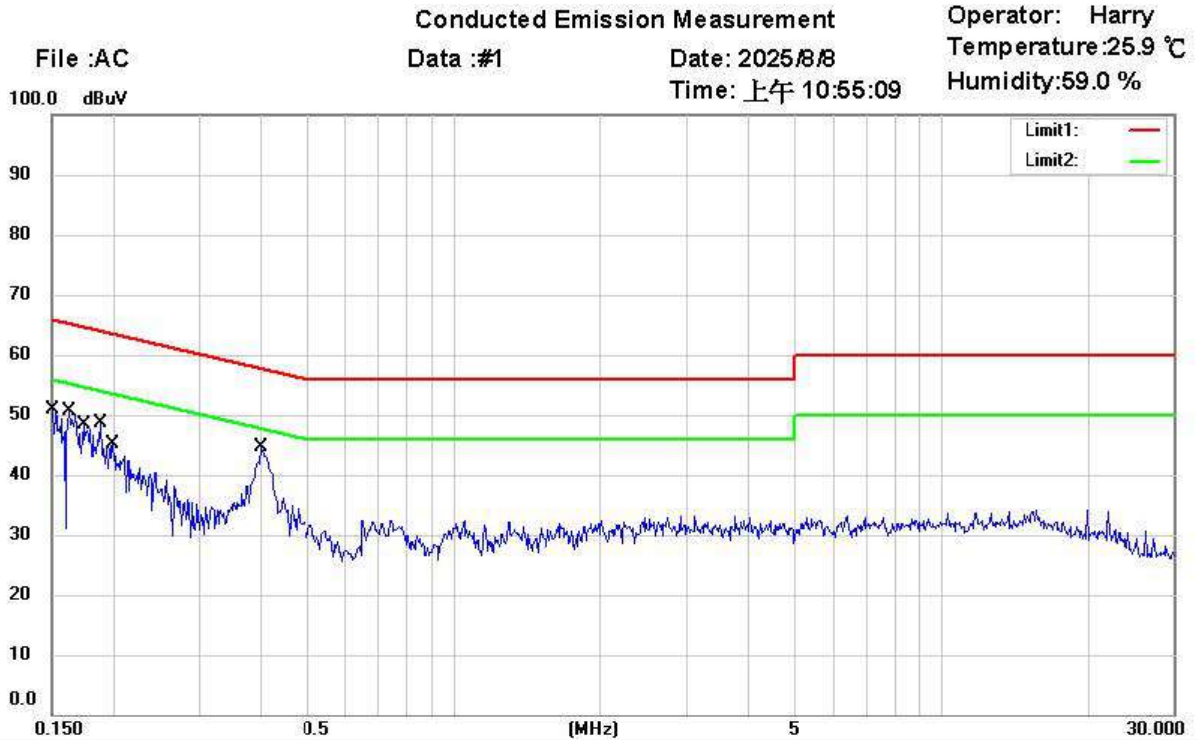


Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1504	40.97	QP	9.59	50.56	65.98	-15.42	
	0.1504	21.32	AVG	9.59	30.91	55.98	-25.07	
	0.1570	39.59	QP	9.59	49.18	65.62	-16.44	
	0.1570	21.12	AVG	9.59	30.71	55.62	-24.91	
	0.1630	39.18	QP	9.59	48.77	65.31	-16.54	
	0.1630	20.36	AVG	9.59	29.95	55.31	-25.36	
	0.1722	37.35	QP	9.59	46.94	64.85	-17.91	
	0.1722	19.96	AVG	9.59	29.55	54.85	-25.30	
	0.1997	33.96	QP	9.60	43.56	63.62	-20.06	
	0.1997	15.45	AVG	9.60	25.05	53.62	-28.57	
	0.3950	34.20	QP	9.74	43.94	57.96	-14.02	
*	0.3950	24.32	AVG	9.74	34.06	47.96	-13.90	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M22507-24608

M/N:

Test Mode : Mode 1

Note :

Phase: L1

Power : 120 Va.c.

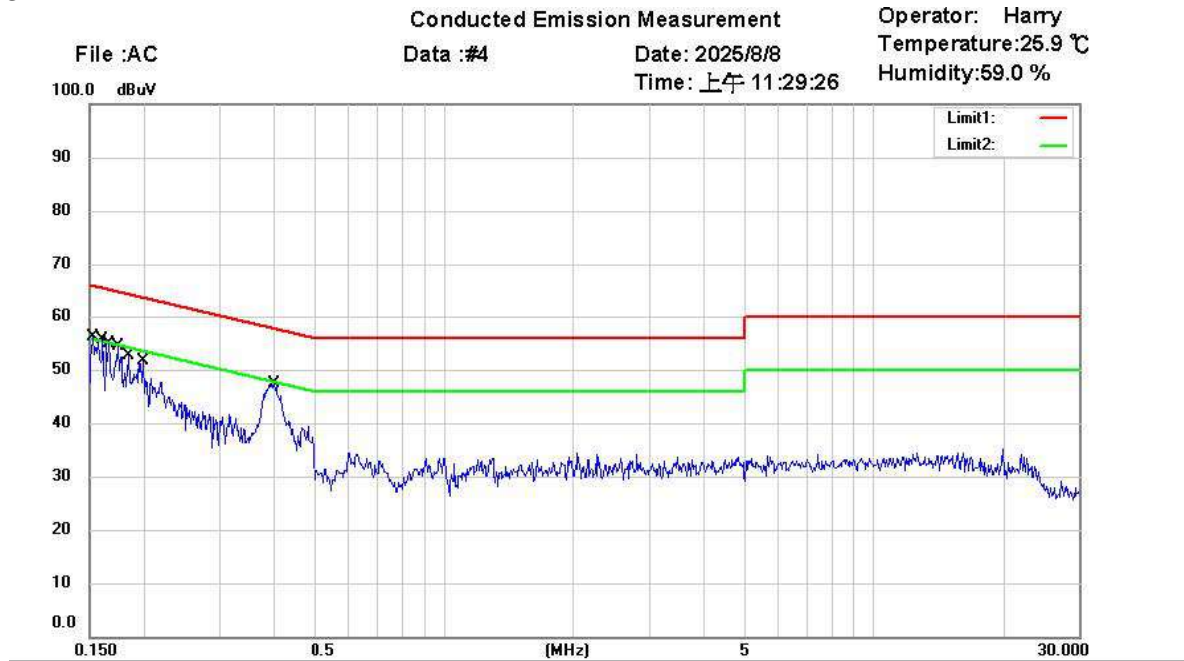
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1504	37.48	QP	9.59	47.07	65.98	-18.91	
	0.1504	18.32	AVG	9.59	27.91	55.98	-28.07	
	0.1623	35.48	QP	9.59	45.07	65.35	-20.28	
	0.1623	16.18	AVG	9.59	25.77	55.35	-29.58	
	0.1737	34.80	QP	9.59	44.39	64.78	-20.39	
	0.1737	15.77	AVG	9.59	25.36	54.78	-29.42	
	0.1880	32.07	QP	9.60	41.67	64.12	-22.45	
	0.1880	14.87	AVG	9.60	24.47	54.12	-29.65	
	0.1995	29.98	QP	9.60	39.58	63.63	-24.05	
	0.1995	12.76	AVG	9.60	22.36	53.63	-31.27	
	0.4013	31.47	QP	9.74	41.21	57.83	-16.62	
*	0.4013	22.85	AVG	9.74	32.59	47.83	-15.24	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Mode 2



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: N

EUT : W6M22507-24608

Power : 120 V.a.c.

M/N:

Test Mode : Mode 2

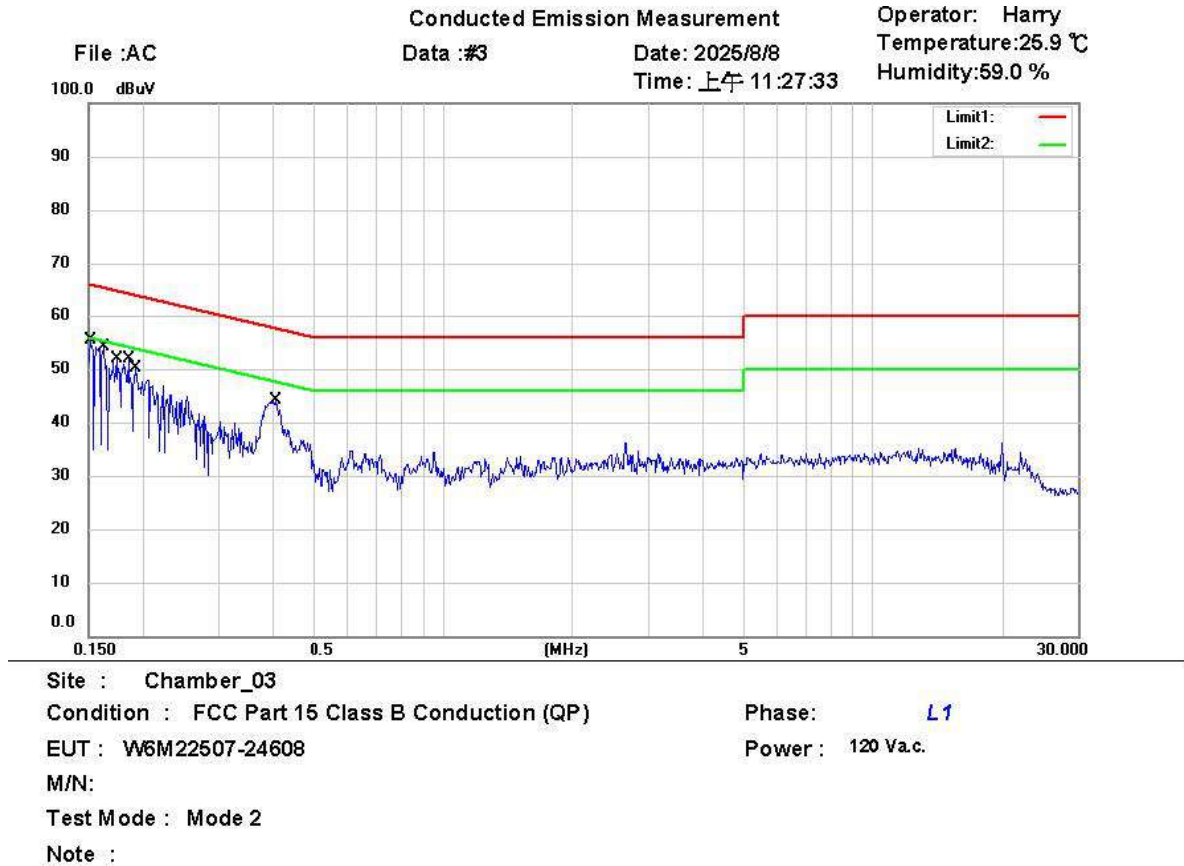
Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1522	40.75	QP	9.59	50.34	65.88	-15.54	
	0.1522	21.07	AVG	9.59	30.66	55.88	-25.22	
	0.1603	39.25	QP	9.59	48.84	65.45	-16.61	
	0.1603	20.12	AVG	9.59	29.71	55.45	-25.74	
	0.1652	38.65	QP	9.59	48.24	65.20	-16.96	
	0.1652	20.25	AVG	9.59	29.84	55.20	-25.36	
	0.1741	37.21	QP	9.59	46.80	64.76	-17.96	
	0.1741	19.74	AVG	9.59	29.33	54.76	-25.43	
	0.1840	36.06	QP	9.60	45.66	64.30	-18.64	
	0.1840	17.90	AVG	9.60	27.50	54.30	-26.80	
	0.1995	33.55	QP	9.60	43.15	63.63	-20.48	
	0.1995	16.89	AVG	9.60	26.49	53.63	-27.14	
	0.4001	34.28	QP	9.74	44.02	57.85	-13.83	
*	0.4001	24.40	AVG	9.74	34.14	47.85	-13.71	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



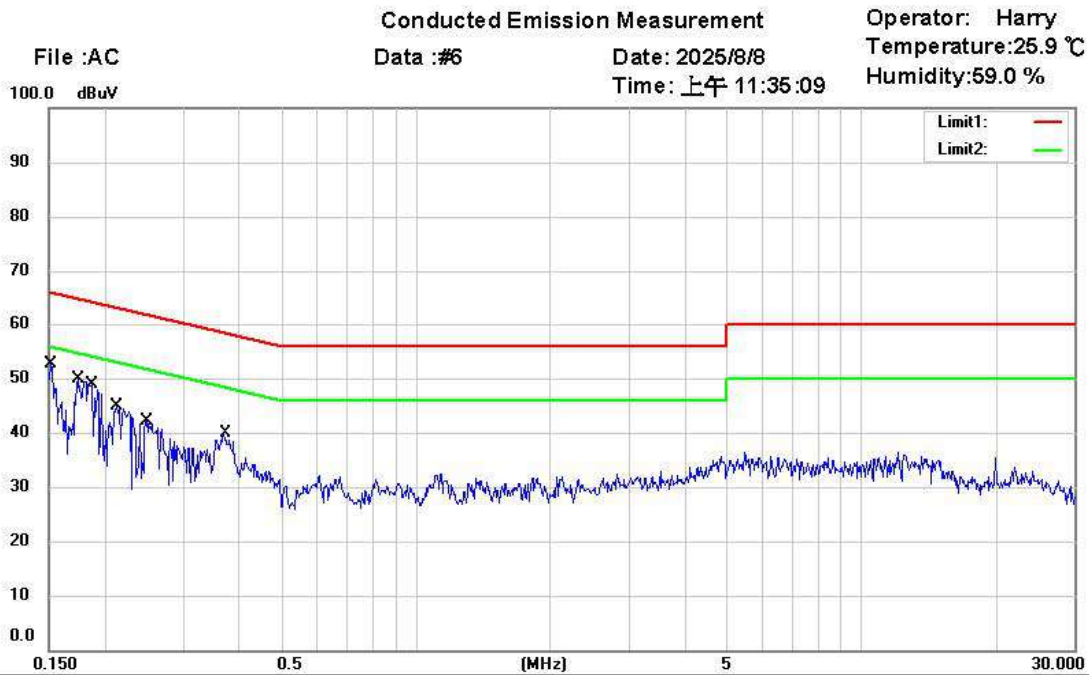
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1516	40.75	QP	9.59	50.34	65.91	-15.57	
	0.1516	19.65	AVG	9.59	29.24	65.91	-26.67	
	0.1617	39.13	QP	9.59	48.72	65.38	-16.66	
	0.1617	18.22	AVG	9.59	27.81	65.38	-27.57	
	0.1737	37.25	QP	9.59	46.84	64.78	-17.94	
	0.1737	17.26	AVG	9.59	26.85	64.78	-27.93	
	0.1850	35.12	QP	9.60	44.72	64.26	-19.54	
	0.1850	15.20	AVG	9.60	24.80	64.26	-29.46	
	0.1917	34.18	QP	9.60	43.78	63.96	-20.18	
	0.1917	13.95	AVG	9.60	23.55	63.96	-30.41	
	0.4044	31.49	QP	9.74	41.23	57.76	-16.53	
	0.4044	22.28	AVG	9.74	32.02	47.76	-15.74	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Mode 3



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: N

EUT : W6M22507-24608

Power : 120 V.a.c.

M/N:

Test Mode : Mode 3

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1512	39.13	QP	9.59	48.72	65.93	-17.21	
	0.1512	17.70	AVG	9.59	27.29	55.93	-28.64	
	0.1734	35.10	QP	9.59	44.69	64.80	-20.11	
	0.1734	12.05	AVG	9.59	21.64	54.80	-33.16	
	0.1867	35.66	QP	9.60	45.26	64.18	-18.92	
	0.1867	16.29	AVG	9.60	25.89	54.18	-28.29	
	0.2121	31.26	QP	9.61	40.87	63.12	-22.25	
	0.2121	10.18	AVG	9.61	19.79	53.12	-33.33	
	0.2470	27.52	QP	9.63	37.15	61.86	-24.71	
	0.2470	3.74	AVG	9.63	13.37	51.86	-38.49	
	0.3747	25.91	QP	9.72	35.63	58.40	-22.77	
	0.3747	16.11	AVG	9.72	25.83	48.40	-22.57	

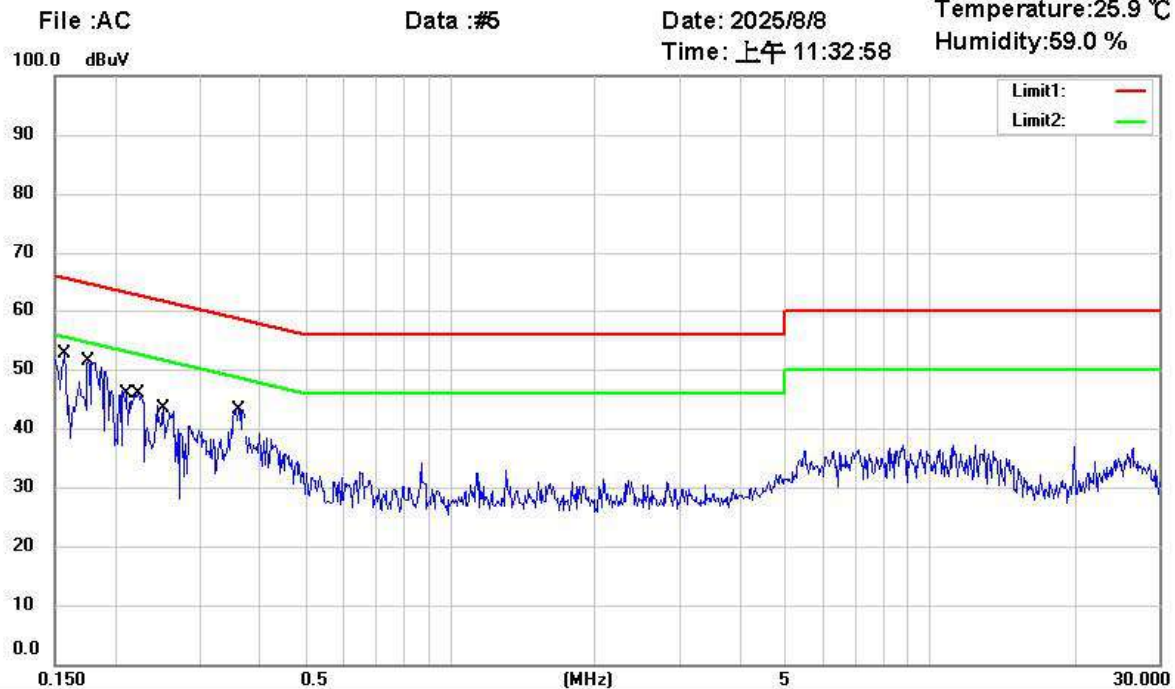


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Conducted Emission Measurement

Operator: Harry
Temperature: 25.9 °C
Humidity: 59.0 %



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M22507-24608

Power : 120 Vac.

M/N:

Test Mode : Mode 3

Note :

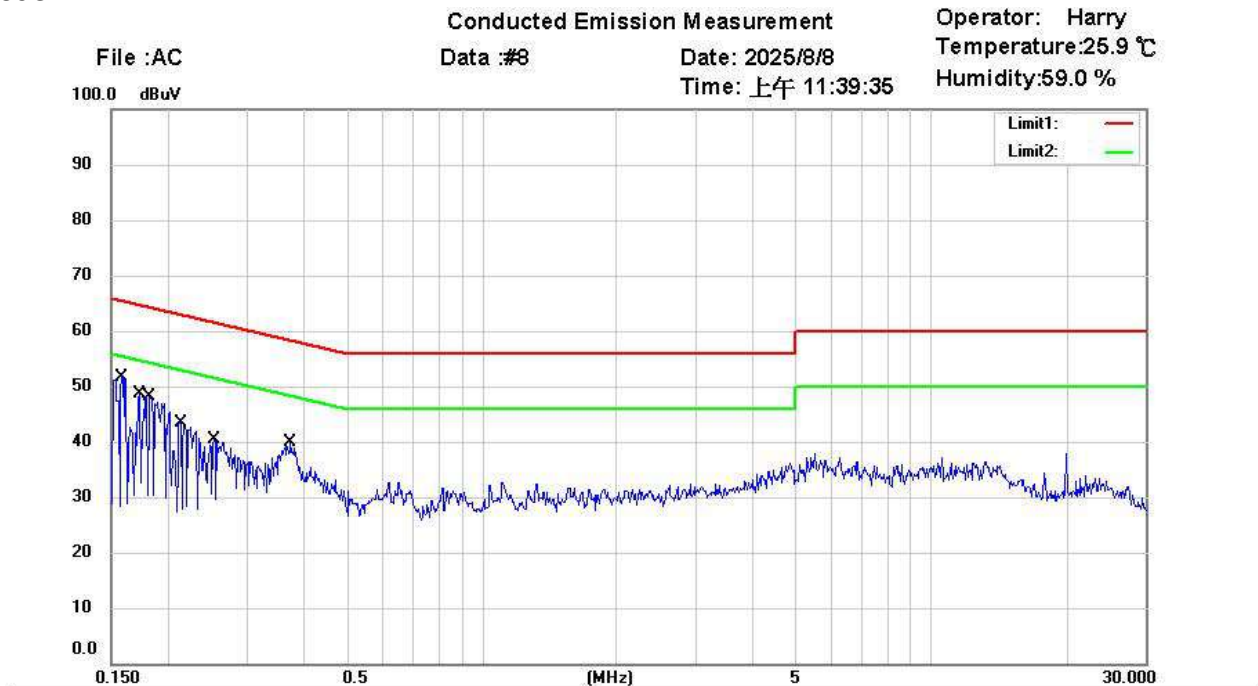
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1567	38.94	QP	9.59	48.53	65.64	-17.11	
	0.1567	10.69	AVG	9.59	20.28	55.64	-35.36	
*	0.1754	38.09	QP	9.60	47.69	64.70	-17.01	
	0.1754	18.23	AVG	9.60	27.83	54.70	-26.87	
	0.2114	32.53	QP	9.61	42.14	63.15	-21.01	
	0.2114	7.56	AVG	9.61	17.17	53.15	-35.98	
	0.2230	31.83	QP	9.62	41.45	62.71	-21.26	
	0.2230	11.47	AVG	9.62	21.09	52.71	-31.62	
	0.2516	28.71	QP	9.64	38.35	61.70	-23.35	
	0.2516	10.13	AVG	9.64	19.77	51.70	-31.93	
	0.3602	29.13	QP	9.71	38.84	58.72	-19.88	
	0.3602	10.48	AVG	9.71	20.19	48.72	-28.53	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Mode 4



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M22507-24608

M/N:

Test Mode : Mode 4

Note :

Phase: N

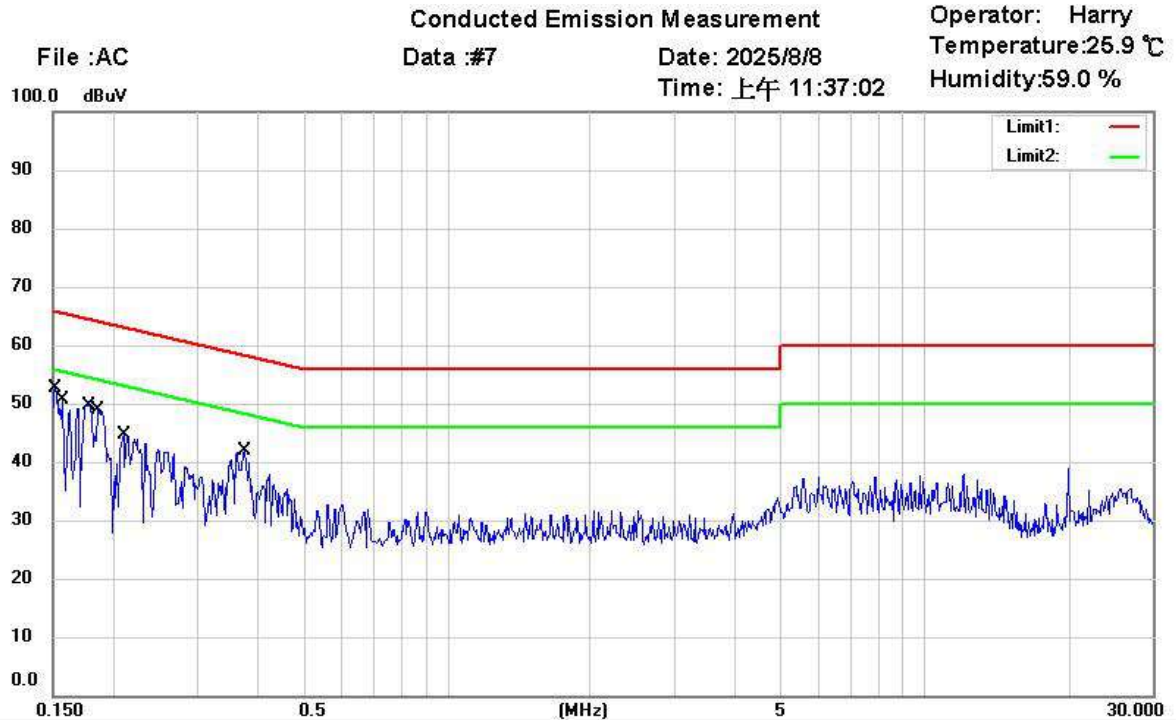
Power : 120 V.a.c.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1582	33.28	QP	9.59	42.87	65.56	-22.69	
	0.1582	5.86	AVG	9.59	15.45	55.56	-40.11	
	0.1727	29.80	QP	9.59	39.39	64.83	-25.44	
	0.1727	2.45	AVG	9.59	12.04	54.83	-42.79	
*	0.1825	35.04	QP	9.60	44.64	64.37	-19.73	
	0.1825	17.06	AVG	9.60	26.66	54.37	-27.71	
	0.2130	29.24	QP	9.61	38.85	63.09	-24.24	
	0.2130	7.33	AVG	9.61	16.94	53.09	-36.15	
	0.2525	25.86	QP	9.64	35.50	61.67	-26.17	
	0.2525	8.68	AVG	9.64	18.32	51.67	-33.35	
	0.3747	25.10	QP	9.72	34.82	58.40	-23.58	
	0.3747	15.88	AVG	9.72	25.60	48.40	-22.80	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M22507-24608

M/N:

Test Mode : Mode 4

Note :

Phase: L1

Power : 120 V.a.c.

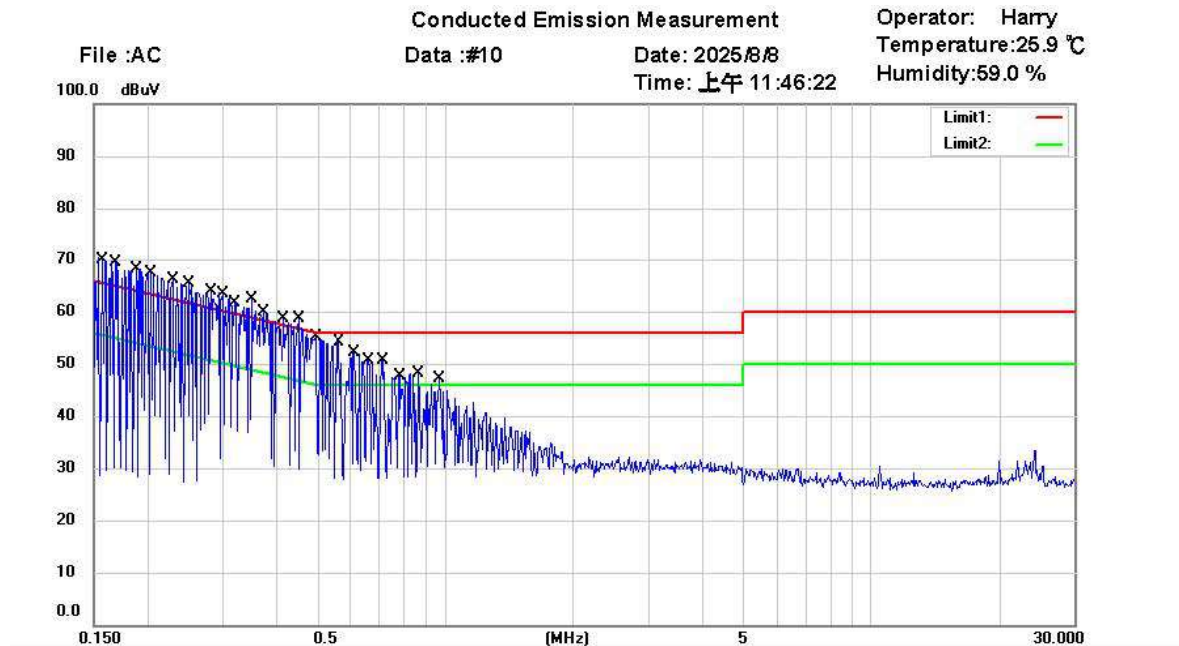
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1514	39.69	QP	9.59	49.28	65.92	-16.64	
	0.1514	19.95	AVG	9.59	29.54	55.92	-26.38	
	0.1567	35.33	QP	9.59	44.92	65.64	-20.72	
	0.1567	13.00	AVG	9.59	22.59	55.64	-33.05	
	0.1773	36.71	QP	9.60	46.31	64.61	-18.30	
	0.1773	16.51	AVG	9.60	26.11	54.61	-28.50	
	0.1866	35.88	QP	9.60	45.48	64.19	-18.71	
	0.1866	18.23	AVG	9.60	27.83	54.19	-26.36	
	0.2100	29.04	QP	9.61	38.65	63.21	-24.56	
	0.2100	3.32	AVG	9.61	12.93	53.21	-40.28	
	0.3760	26.60	QP	9.72	36.32	58.37	-22.05	
	0.3760	10.23	AVG	9.72	19.95	48.37	-28.42	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Mode 5



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: N

EUT : W6M22507-24608

Power : 120 V.a.c.

M/N:

Test Mode : Mode 5

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1565	48.74	QP	9.59	58.33	65.65	-7.32	
	0.1565	21.86	AVG	9.59	31.45	55.65	-24.20	
	0.1682	48.00	QP	9.59	57.59	65.05	-7.46	
	0.1682	21.53	AVG	9.59	31.12	55.05	-23.93	
	0.1882	37.87	QP	9.60	47.47	64.12	-16.65	
	0.1882	17.06	AVG	9.60	26.66	54.12	-27.46	
	0.2031	36.30	QP	9.60	45.90	63.48	-17.58	
	0.2031	13.10	AVG	9.60	22.70	53.48	-30.78	
	0.2291	34.56	QP	9.62	44.18	62.48	-18.30	
	0.2291	10.07	AVG	9.62	19.69	52.48	-32.79	
	0.2500	33.51	QP	9.63	43.14	61.76	-18.62	
	0.2500	7.01	AVG	9.63	16.64	51.76	-35.12	
	0.2813	30.32	QP	9.66	39.98	60.78	-20.80	
	0.2813	5.88	AVG	9.66	15.54	50.78	-35.24	
	0.2991	31.29	QP	9.67	40.96	60.27	-19.31	
	0.2991	5.35	AVG	9.67	15.02	50.27	-35.25	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **N**

EUT : W6M22507-24608

Power : 120 Va.c.

M/N:

Test Mode : Mode 5

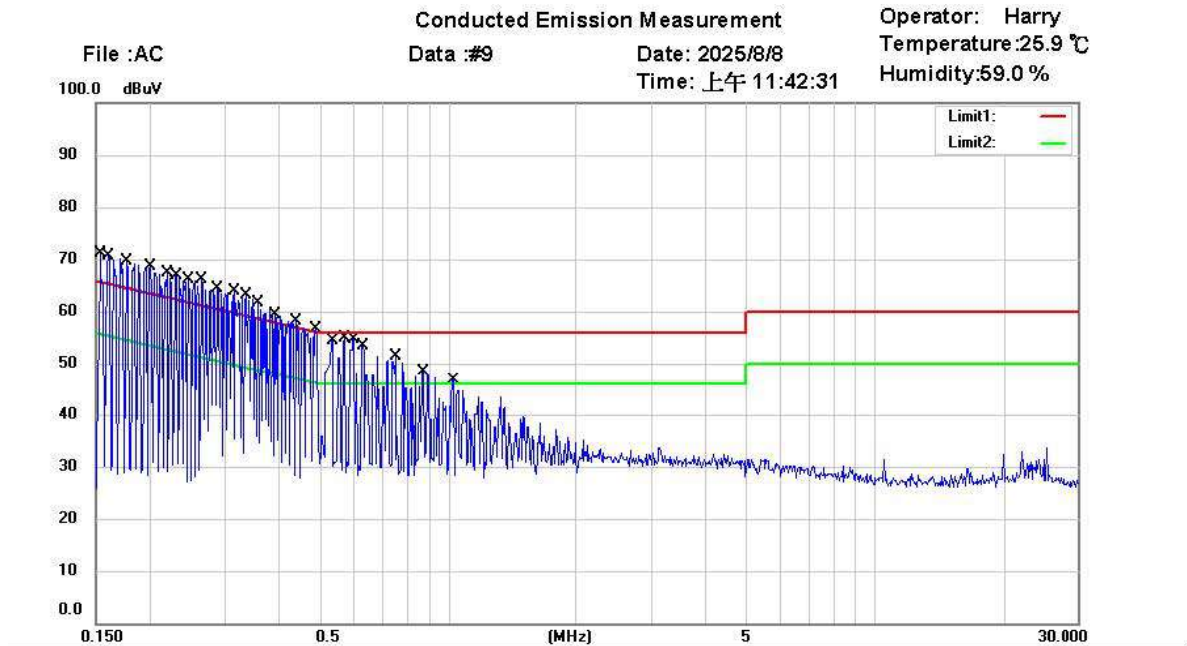
Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.3200	27.62	QP	9.68	37.30	59.71	-22.41	
	0.3200	9.50	AVG	9.68	19.18	49.71	-30.53	
	0.3514	26.69	QP	9.71	36.40	58.93	-22.53	
	0.3514	13.63	AVG	9.71	23.34	48.93	-25.59	
	0.3750	26.26	QP	9.72	35.98	58.39	-22.41	
	0.3750	11.06	AVG	9.72	20.78	48.39	-27.61	
	0.4158	24.57	QP	9.74	34.31	57.53	-23.22	
	0.4158	10.49	AVG	9.74	20.23	47.53	-27.30	
	0.4508	25.29	QP	9.74	35.03	56.86	-21.83	
	0.4508	9.77	AVG	9.74	19.51	46.86	-27.35	
	0.4956	18.94	QP	9.74	28.68	56.07	-27.39	
	0.4956	2.57	AVG	9.74	12.31	46.07	-33.76	
	0.5630	18.33	QP	9.74	28.07	56.00	-27.93	
	0.5630	0.01	AVG	9.74	9.75	46.00	-36.25	
	0.6125	17.36	QP	9.74	27.10	56.00	-28.90	
	0.6125	8.38	AVG	9.74	18.12	46.00	-27.88	
	0.6597	17.29	QP	9.74	27.03	56.00	-28.97	
	0.6597	8.50	AVG	9.74	18.24	46.00	-27.76	
	0.7137	15.38	QP	9.74	25.12	56.00	-30.88	
	0.7137	8.01	AVG	9.74	17.75	46.00	-28.25	
	0.7813	11.60	QP	9.74	21.34	56.00	-34.66	
	0.7813	3.62	AVG	9.74	13.36	46.00	-32.64	
	0.8645	12.97	QP	9.74	22.71	56.00	-33.29	
	0.8645	7.38	AVG	9.74	17.12	46.00	-28.88	
	0.9657	9.49	QP	9.74	19.23	56.00	-36.77	
	0.9657	1.81	AVG	9.74	11.55	46.00	-34.45	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M22507-24608

M/N:

Test Mode : Mode 5

Note :

Phase: L1

Power : 120 V.a.c.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1528	48.94	QP	9.59	58.53	65.85	-7.32	
	0.1528	24.17	AVG	9.59	33.76	55.85	-22.09	
*	0.1598	49.08	QP	9.59	58.67	65.47	-6.80	
	0.1598	23.01	AVG	9.59	32.60	55.47	-22.87	
	0.1766	47.64	QP	9.60	57.24	64.64	-7.40	
	0.1766	22.19	AVG	9.60	31.79	54.64	-22.85	
	0.2000	46.22	QP	9.60	55.82	63.61	-7.79	
	0.2000	19.81	AVG	9.60	29.41	53.61	-24.20	
	0.2188	44.90	QP	9.61	54.51	62.86	-8.35	
	0.2188	18.50	AVG	9.61	28.11	52.86	-24.75	
	0.2305	45.42	QP	9.62	55.04	62.43	-7.39	
	0.2305	18.42	AVG	9.62	28.04	52.43	-24.39	
	0.2466	43.53	QP	9.63	53.16	61.87	-8.71	
	0.2466	15.15	AVG	9.63	24.78	51.87	-27.09	
	0.2636	42.61	QP	9.64	52.25	61.32	-9.07	
	0.2636	16.24	AVG	9.64	25.88	51.32	-25.44	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **L1**

EUT : W6M22507-24608

Power : 120 V.a.c.

M/N:

Test Mode : Mode 5

Note :

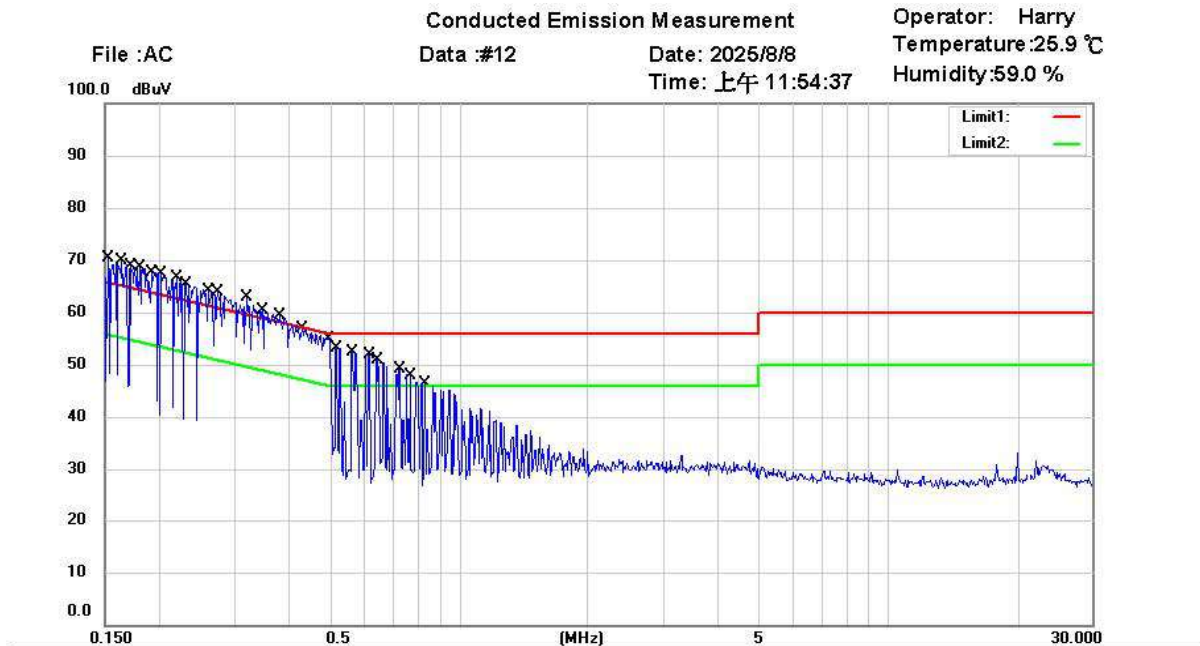
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.2868	41.20	QP	9.66	50.86	60.62	-9.76	
	0.2868	20.47	AVG	9.66	30.13	50.62	-20.49	
	0.3166	39.98	QP	9.68	49.66	59.80	-10.14	
	0.3166	21.80	AVG	9.68	31.48	49.80	-18.32	
	0.3350	39.70	QP	9.69	49.39	59.33	-9.94	
	0.3350	15.05	AVG	9.69	24.74	49.33	-24.59	
	0.3583	38.24	QP	9.71	47.95	58.77	-10.82	
	0.3583	13.86	AVG	9.71	23.57	48.77	-25.20	
	0.3932	37.57	QP	9.74	47.31	58.00	-10.69	
	0.3932	11.02	AVG	9.74	20.76	48.00	-27.24	
	0.4386	35.16	QP	9.74	44.90	57.09	-12.19	
	0.4386	7.89	AVG	9.74	17.63	47.09	-29.46	
	0.4867	34.39	QP	9.74	44.13	56.22	-12.09	
	0.4867	12.98	AVG	9.74	22.72	46.22	-23.50	
	0.5336	31.81	QP	9.74	41.55	56.00	-14.45	
	0.5336	11.40	AVG	9.74	21.14	46.00	-24.86	
	0.5720	30.95	QP	9.74	40.69	56.00	-15.31	
	0.5720	9.63	AVG	9.74	19.37	46.00	-26.63	
	0.5990	30.45	QP	9.74	40.19	56.00	-15.81	
	0.5990	8.67	AVG	9.74	18.41	46.00	-27.59	
	0.6282	29.26	QP	9.74	39.00	56.00	-17.00	
	0.6282	9.47	AVG	9.74	19.21	46.00	-26.79	
	0.7498	26.20	QP	9.74	35.94	56.00	-20.06	
	0.7498	10.96	AVG	9.74	20.70	46.00	-25.30	
	0.8668	23.94	QP	9.74	33.68	56.00	-22.32	
	0.8668	9.49	AVG	9.74	19.23	46.00	-26.77	
	1.0220	20.23	QP	9.74	29.97	56.00	-26.03	
	1.0220	4.10	AVG	9.74	13.84	46.00	-32.16	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Mode 6



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M22507-24608

M/N:

Test Mode : Mode 6

Note :

Phase: N

Power : 120 Va.c.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1522	40.41	QP	9.59	50.00	65.88	-15.88	
	0.1522	17.85	AVG	9.59	27.44	55.88	-28.44	
	0.1640	39.78	QP	9.59	49.37	65.26	-15.89	
	0.1640	16.68	AVG	9.59	26.27	55.26	-28.99	
	0.1720	38.51	QP	9.59	48.10	64.86	-16.76	
	0.1720	13.87	AVG	9.59	23.46	54.86	-31.40	
*	0.1800	39.36	QP	9.60	48.96	64.49	-15.53	
	0.1800	15.33	AVG	9.60	24.93	54.49	-29.56	
	0.1916	37.71	QP	9.60	47.31	63.97	-16.66	
	0.1916	14.87	AVG	9.60	24.47	53.97	-29.50	
	0.2017	36.18	QP	9.60	45.78	63.54	-17.76	
	0.2017	14.17	AVG	9.60	23.77	53.54	-29.77	
	0.2188	34.60	QP	9.61	44.21	62.86	-18.65	
	0.2188	11.61	AVG	9.61	21.22	52.86	-31.64	
	0.2340	33.31	QP	9.62	42.93	62.31	-19.38	
	0.2340	11.27	AVG	9.62	20.89	52.31	-31.42	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **N**

EUT : W6M22507-24608

Power : 120 Va.c.

M/N:

Test Mode : Mode 6

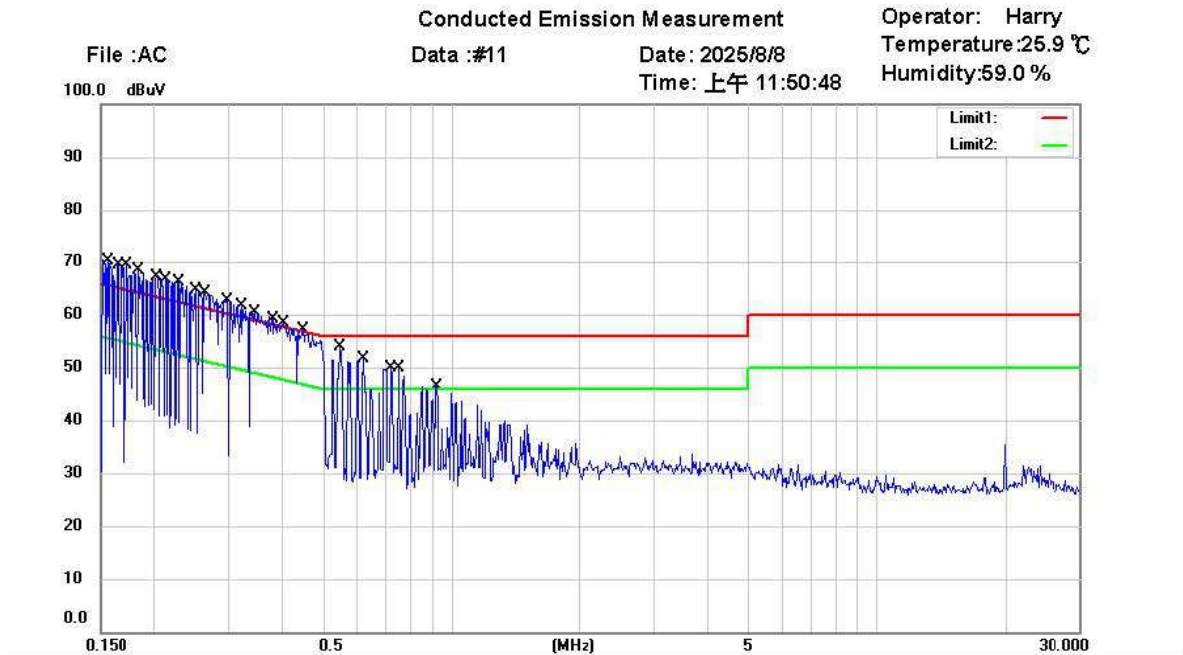
Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.2602	31.45	QP	9.64	41.09	61.43	-20.34	
	0.2602	10.61	AVG	9.64	20.25	51.43	-31.18	
	0.2734	30.78	QP	9.65	40.43	61.01	-20.58	
	0.2734	5.76	AVG	9.65	15.41	51.01	-35.60	
	0.3185	29.30	QP	9.68	38.98	59.75	-20.77	
	0.3185	9.87	AVG	9.68	19.55	49.75	-30.20	
	0.3483	26.37	QP	9.70	36.07	59.00	-22.93	
	0.3483	16.66	AVG	9.70	26.36	49.00	-22.64	
	0.3800	26.38	QP	9.73	36.11	58.28	-22.17	
	0.3800	4.46	AVG	9.73	14.19	48.28	-34.09	
	0.4286	23.39	QP	9.74	33.13	57.28	-24.15	
	0.4286	5.88	AVG	9.74	15.62	47.28	-31.66	
	0.4970	18.29	QP	9.74	28.03	56.05	-28.02	
	0.4970	2.64	AVG	9.74	12.38	46.05	-33.67	
	0.5158	17.63	QP	9.74	27.37	56.00	-28.63	
	0.5158	-0.37	AVG	9.74	9.37	46.00	-36.63	
	0.5630	19.54	QP	9.74	29.28	56.00	-26.72	
	0.5630	-0.07	AVG	9.74	9.67	46.00	-36.33	
	0.6148	15.40	QP	9.74	25.14	56.00	-30.86	
	0.6148	6.18	AVG	9.74	15.92	46.00	-30.08	
	0.6418	13.57	QP	9.74	23.31	56.00	-32.69	
	0.6418	4.32	AVG	9.74	14.06	46.00	-31.94	
	0.7250	13.81	QP	9.74	23.55	56.00	-32.45	
	0.7250	2.16	AVG	9.74	11.90	46.00	-34.10	
	0.7655	10.16	QP	9.74	19.90	56.00	-36.10	
	0.7655	1.50	AVG	9.74	11.24	46.00	-34.76	
	0.8285	11.85	QP	9.74	21.59	56.00	-34.41	
	0.8285	5.17	AVG	9.74	14.91	46.00	-31.09	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M22507-24608

M/N:

Test Mode : Mode 6

Note :

Phase: L1

Power : 120 V.a.c.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1552	48.58	QP	9.59	58.17	65.72	-7.55	
	0.1552	21.66	AVG	9.59	31.25	55.72	-24.47	
	0.1642	47.98	QP	9.59	57.57	65.25	-7.68	
	0.1642	21.53	AVG	9.59	31.12	55.25	-24.13	
	0.1724	47.42	QP	9.59	57.01	64.84	-7.83	
	0.1724	21.33	AVG	9.59	30.92	54.84	-23.92	
*	0.1841	47.46	QP	9.60	57.06	64.30	-7.24	
	0.1841	19.74	AVG	9.60	29.34	54.30	-24.96	
	0.2037	45.32	QP	9.60	54.92	63.46	-8.54	
	0.2037	18.86	AVG	9.60	28.46	53.46	-25.01	
	0.2135	44.84	QP	9.61	54.45	63.07	-8.62	
	0.2135	18.09	AVG	9.61	27.70	53.07	-25.37	
	0.2281	43.77	QP	9.62	53.39	62.52	-9.13	
	0.2281	17.41	AVG	9.62	27.03	52.52	-25.49	
	0.2515	42.53	QP	9.64	52.17	61.71	-9.54	
	0.2515	14.54	AVG	9.64	24.18	51.71	-27.53	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **L1**

EUT : W6M22507-24608

Power : 120 Va.c.

M/N:

Test Mode : Mode 6

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.2632	41.87	QP	9.64	51.51	61.33	-9.82	
	0.2632	15.08	AVG	9.64	24.72	51.33	-26.61	
	0.2972	41.12	QP	9.67	50.79	60.32	-9.53	
	0.2972	14.57	AVG	9.67	24.24	50.32	-26.08	
	0.3215	40.40	QP	9.69	50.09	59.67	-9.58	
	0.3215	18.91	AVG	9.69	28.60	49.67	-21.07	
	0.3450	39.34	QP	9.70	49.04	59.08	-10.04	
	0.3450	24.92	AVG	9.70	34.62	49.08	-14.46	
	0.3800	36.78	QP	9.73	46.51	58.28	-11.77	
	0.3800	17.35	AVG	9.73	27.08	48.28	-21.20	
	0.4022	36.14	QP	9.74	45.88	57.81	-11.93	
	0.4022	14.31	AVG	9.74	24.05	47.81	-23.76	
	0.4487	34.98	QP	9.74	44.72	56.90	-12.18	
	0.4487	6.93	AVG	9.74	16.67	46.90	-30.23	
	0.5472	30.91	QP	9.74	40.65	56.00	-15.35	
	0.5472	10.39	AVG	9.74	20.13	46.00	-25.87	
	0.6238	29.84	QP	9.74	39.58	56.00	-16.42	
	0.6238	7.34	AVG	9.74	17.08	46.00	-28.92	
	0.7205	26.45	QP	9.74	36.19	56.00	-19.81	
	0.7205	12.57	AVG	9.74	22.31	46.00	-23.69	
	0.7520	26.26	QP	9.74	36.00	56.00	-20.00	
	0.7520	10.64	AVG	9.74	20.38	46.00	-25.62	
	0.9185	23.06	QP	9.74	32.80	56.00	-23.20	
	0.9185	10.27	AVG	9.74	20.01	46.00	-25.99	

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22507-24608-C-2

FCC ID: 2ARIOCC0032

Limits:

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



Registration number: W6M22507-24608-C-2
FCC ID: 2ARIOCC0032

Appendix

Measurement diagrams

Spurious Emissions radiated



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

Radiated Emission Measurement

Operator: Jeff

File: 1_WiFi 5G_ant1_TX 802 Data: #1

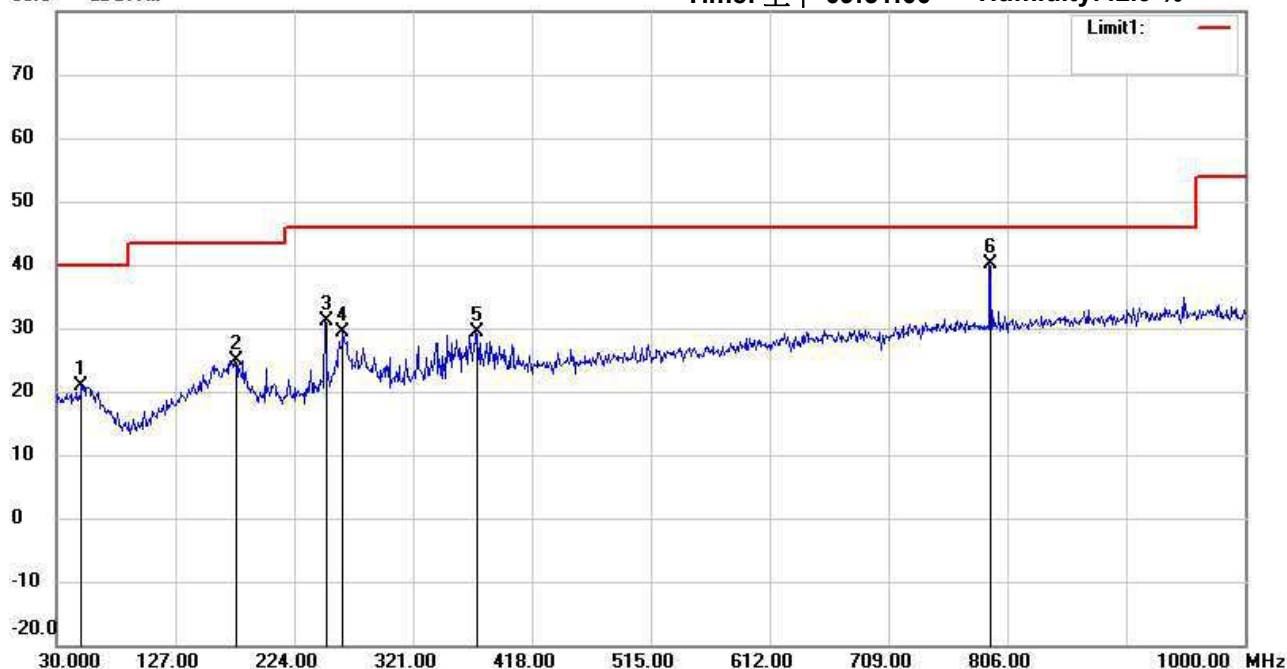
Date: 2025/7/30

Temperature: 27.4 °C

80.0 dBuV/m

Time: 上午 09:51:00

Humidity: 42.9 %



Site: 966A Chamber

Condition: FCC_part 15 RE-Class E_30-1000MHz

EUT: W6M22507-24608

M/N:

Test Mode: TX 802.11a CH36

Note:

Polarization: Horizontal

Power: 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	50.3700	33.47	QP	-12.70	20.77	40.00	100	192	-19.23	
	175.9850	38.45	QP	-13.50	24.95	43.50	100	245	-18.55	
	249.7050	44.87	QP	-13.66	31.21	46.00	100	153	-14.79	
	263.7700	42.74	QP	-13.34	29.40	46.00	100	343	-16.60	
	372.8950	39.70	QP	-10.22	29.48	46.00	100	147	-16.52	
*	791.9350	41.99	QP	-1.92	40.07	46.00	100	252	-5.93	

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



Radiated Emission Measurement

Operator: Jeff

File :1_WiFi 5G_ant1_TX 802

Data :#2

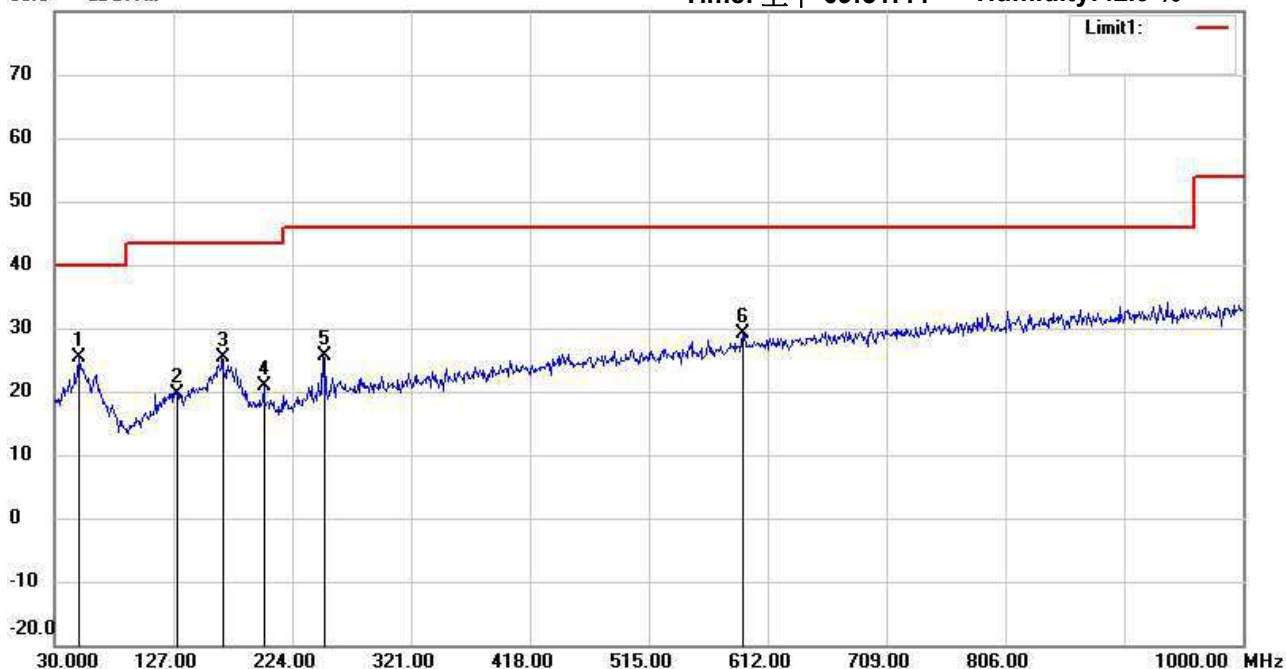
Date: 2025/7/30

Temperature:27.4 °C

80.0 dBuV/m

Time: 上午 09:51:44

Humidity:42.9 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class E_30-1000MHz

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	49.8850	38.18	QP	-12.71	25.47	40.00	100	57	-14.53	
	129.4250	33.61	QP	-13.87	19.74	43.50	100	24	-23.76	
	167.2550	38.05	QP	-12.71	25.34	43.50	100	359	-18.16	
	201.2050	36.60	QP	-15.84	20.76	43.50	100	0	-22.74	
	249.7050	39.18	QP	-13.66	25.52	46.00	100	89	-20.48	
	591.6300	34.34	QP	-5.19	29.15	46.00	100	207	-16.85	



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: Jeff

File: 1_WiFi 5G_ant1_TX 802 Data: #1

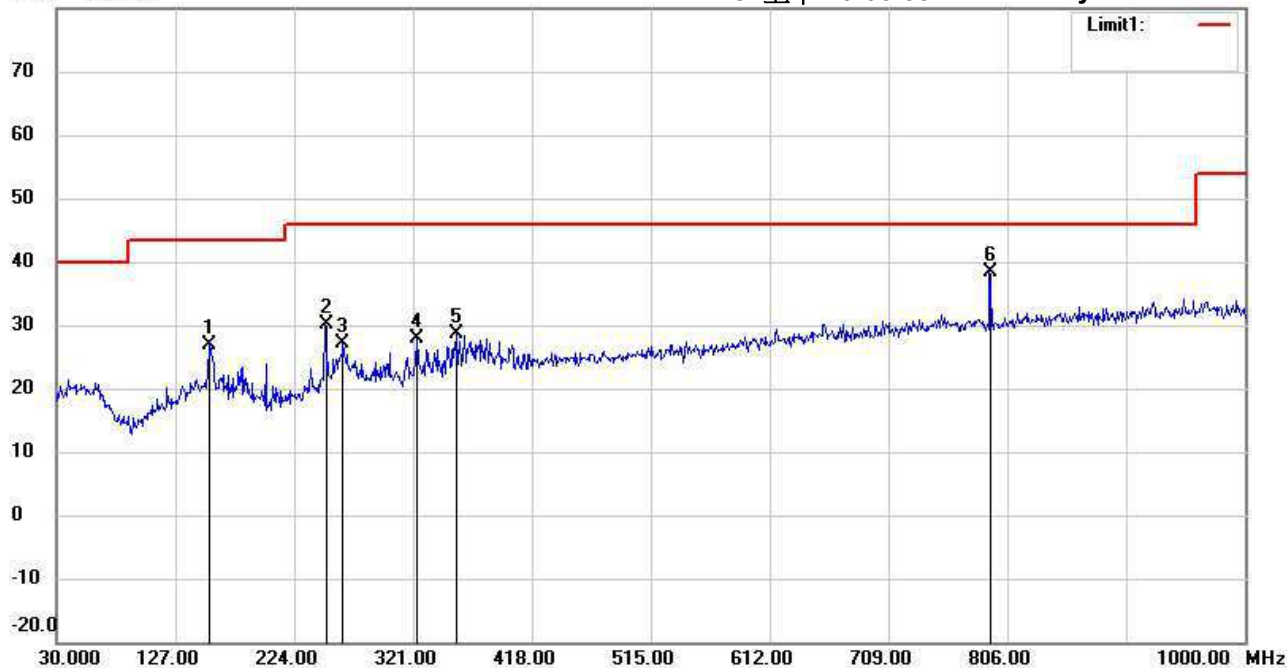
Date: 2025/7/30

Temperature: 27.4 °C

80.0 dBuV/m

Time: 上午 10:06:35

Humidity: 42.9 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class E_30-1000MHz

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	154.6450	39.25	QP	-12.26	26.99	43.50	100	247	-16.51	
	249.7050	43.80	QP	-13.66	30.14	46.00	100	59	-15.86	
	263.7700	40.55	QP	-13.34	27.21	46.00	100	75	-18.79	
	323.9100	39.29	QP	-11.46	27.83	46.00	100	106	-18.17	
	356.8900	39.37	QP	-10.84	28.53	46.00	100	314	-17.47	
*	791.9350	40.31	QP	-1.92	38.39	46.00	100	125	-7.61	

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



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

Operator: Jeff

File: 1_WiFi 5G_ant1_TX 802

Data: #2

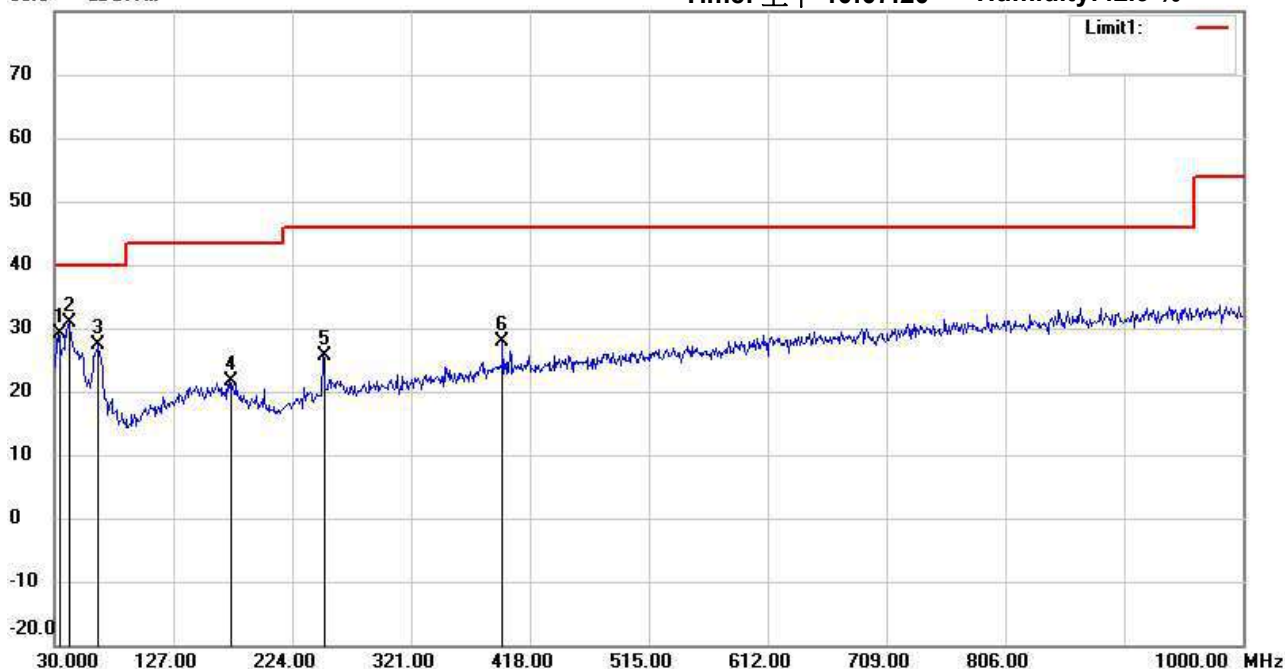
Date: 2025/7/30

Temperature: 27.4 °C

80.0 dBuV/m

Time: 上午 10:07:20

Humidity: 42.9 %



Site : 966A Chamber

Condition : FCC_part 15 RE-Class E_30-1000MHz

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	33.3950	43.58	QP	-14.38	29.20	40.00	100	248	-10.80	
*	41.6400	44.52	QP	-13.58	30.94	40.00	100	203	-9.06	
	65.8900	41.53	QP	-14.23	27.30	40.00	100	255	-12.70	
	173.0750	34.75	QP	-13.24	21.51	43.50	100	55	-21.99	
	249.7050	39.36	QP	-13.66	25.70	46.00	100	75	-20.30	
	395.6900	37.54	QP	-9.71	27.83	46.00	100	177	-18.17	

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



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

Operator: Jeff

File: 1_WiFi 5G_ant1_TX 802 Data: #1

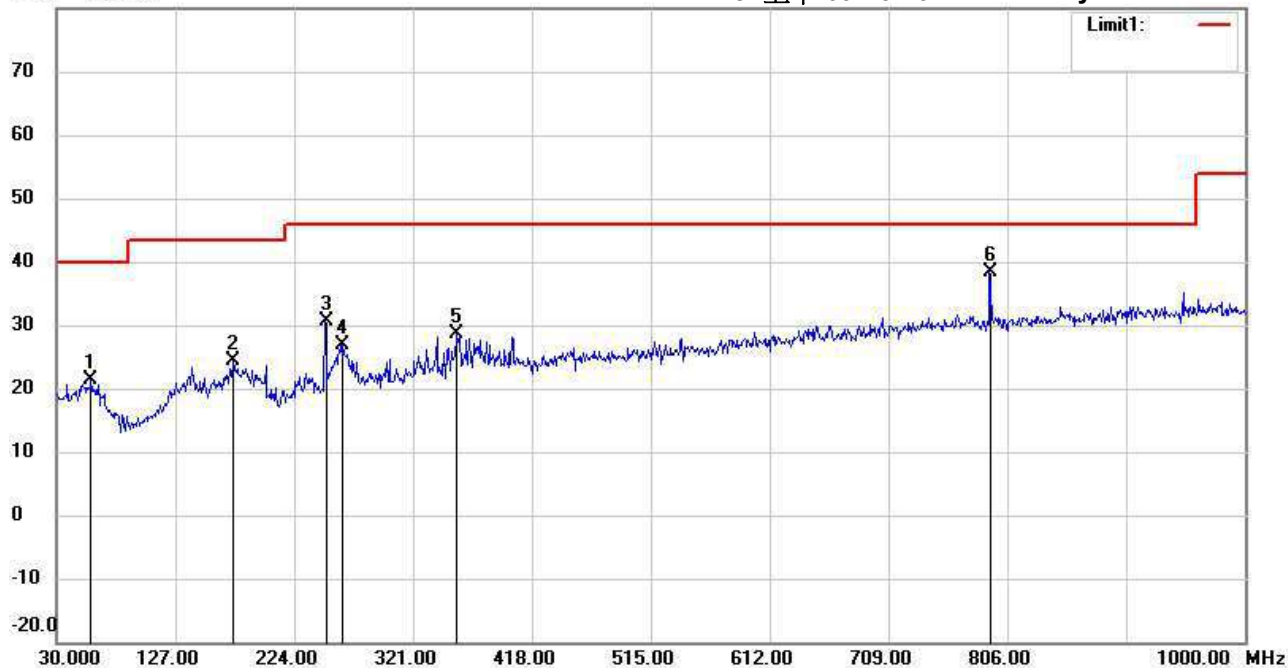
Date: 2025/7/30

Temperature: 27.4 °C

80.0 dBuV/m

Time: 上午 09:43:19

Humidity: 42.9 %



Site: 966A Chamber

Condition: FCC_part 15 RE-Class E_30-1000MHz

EUT: W6M22507-24608

M/N:

Test Mode: TX 802.11a CH36

Note:

Polarization: Horizontal

Power: 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	58.1300	34.14	QP	-12.76	21.38	40.00	100	302	-18.62	
	174.5300	37.73	QP	-13.37	24.36	43.50	100	237	-19.14	
	249.7050	44.26	QP	-13.66	30.60	46.00	100	126	-15.40	
	262.3150	40.39	QP	-13.41	26.98	46.00	100	329	-19.02	
	356.8900	39.43	QP	-10.84	28.59	46.00	100	172	-17.41	
*	791.9350	40.32	QP	-1.92	38.40	46.00	100	250	-7.60	

*: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: Jeff

File: 1_WiFi 5G_ant1_TX 802

Data: #2

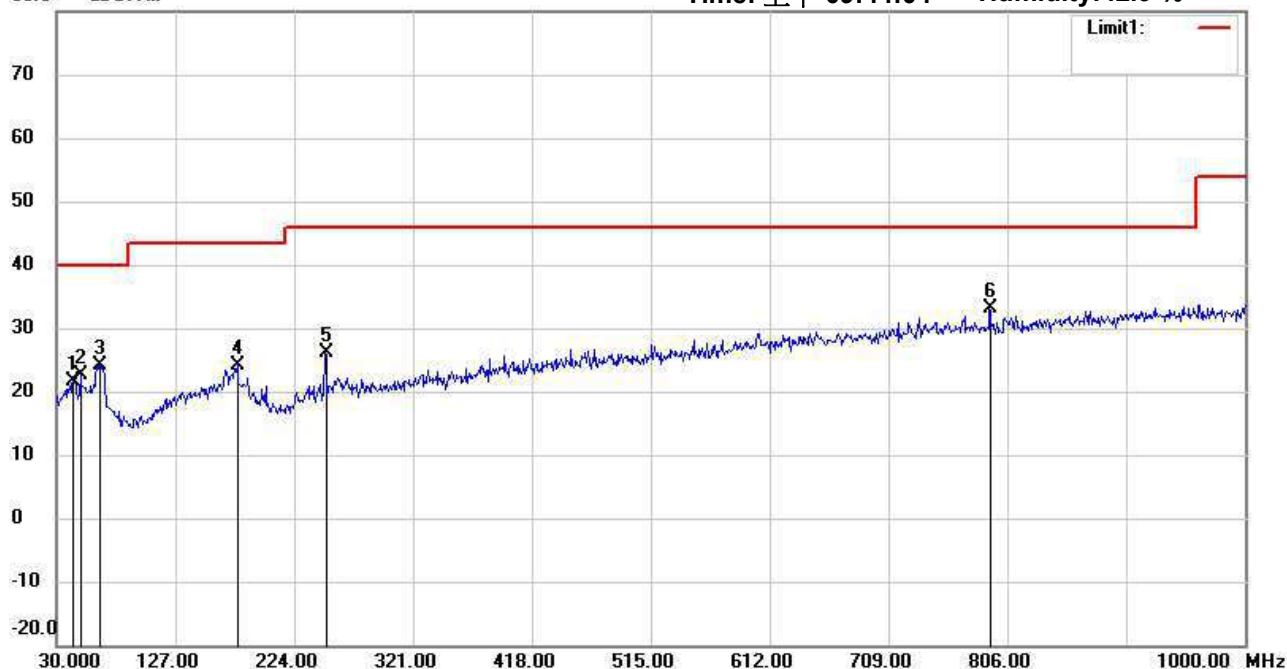
Date: 2025/7/30

Temperature: 27.4 °C

80.0 dBuV/m

Time: 上午 09:44:04

Humidity: 42.9 %



Site: 966A Chamber

Condition: FCC_part 15 RE-Class E_30-1000MHz

EUT: W6M22507-24608

M/N:

Test Mode: TX 802.11a CH36

Note:

Polarization: Vertical

Power: 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	43.5800	34.91	QP	-13.37	21.54	40.00	100	22	-18.46	
	49.8850	35.36	QP	-12.71	22.65	40.00	100	9	-17.35	
	65.8900	38.48	QP	-14.23	24.25	40.00	100	304	-15.75	
	177.4400	37.84	QP	-13.64	24.20	43.50	100	359	-19.30	
	249.7050	39.69	QP	-13.66	26.03	46.00	100	89	-19.97	
*	791.9350	34.96	QP	-1.92	33.04	46.00	100	310	-12.96	

*: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: Gino

File : 3

Data : #1

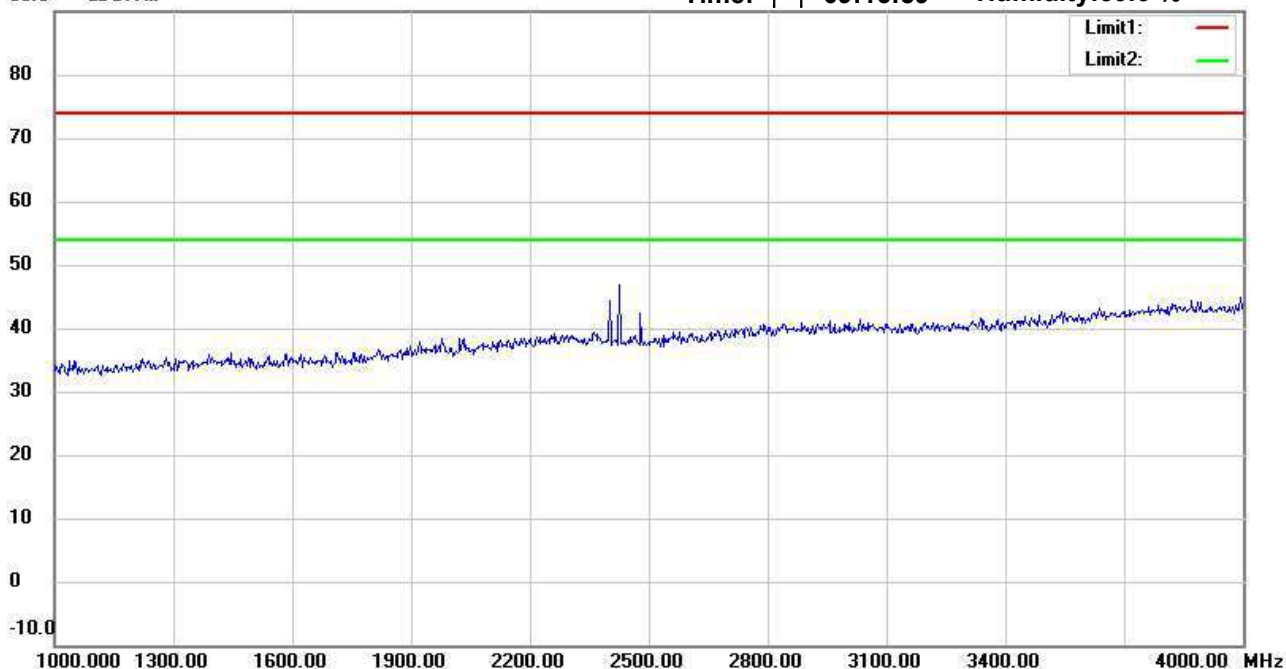
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:16:59

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Gino

File : 3

Data : #7

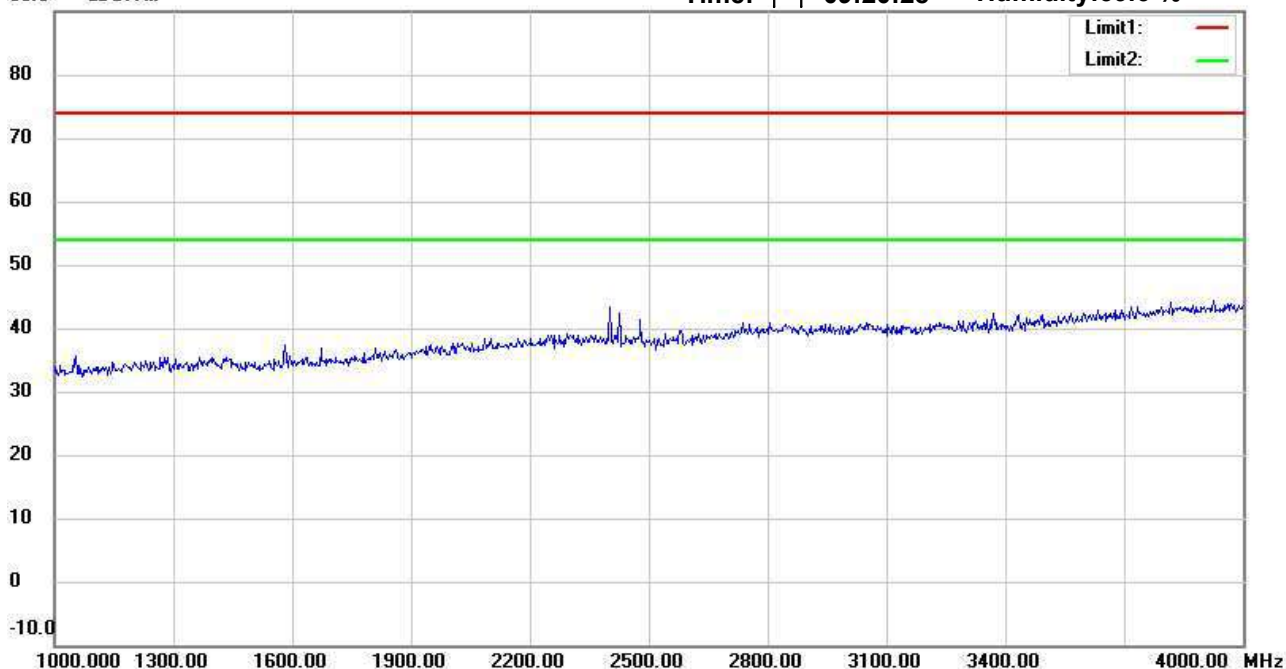
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:20:28

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Gino

File : 3

Data : #2

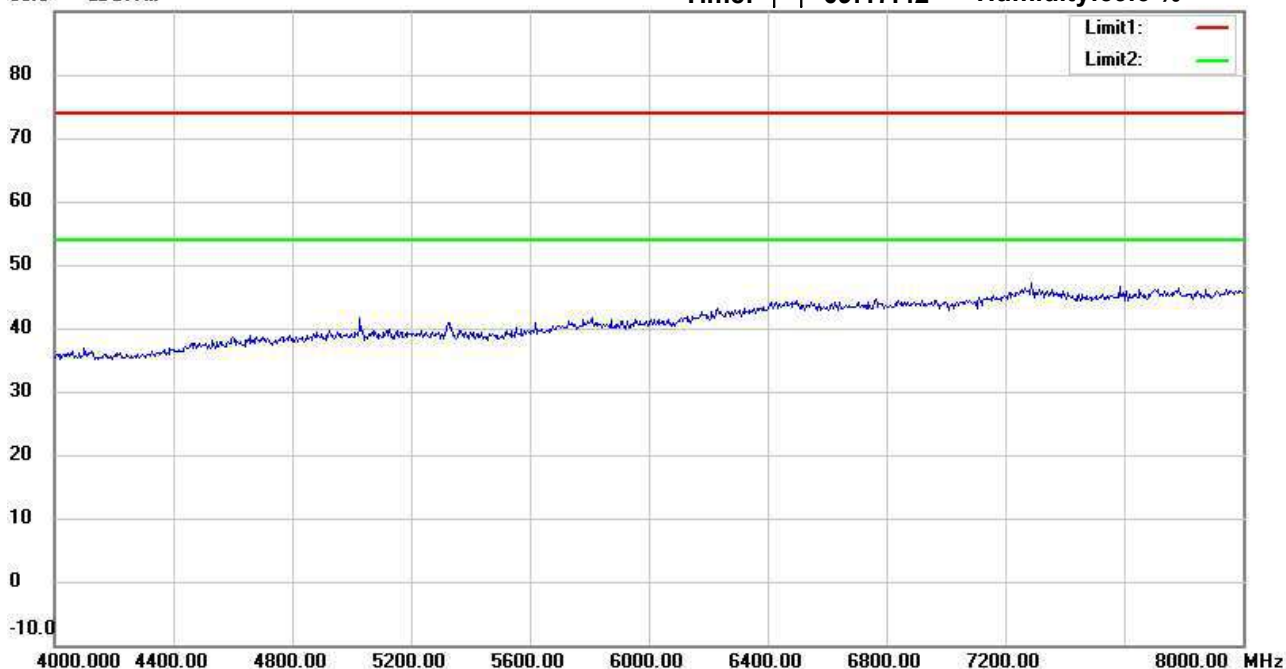
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:17:42

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #8

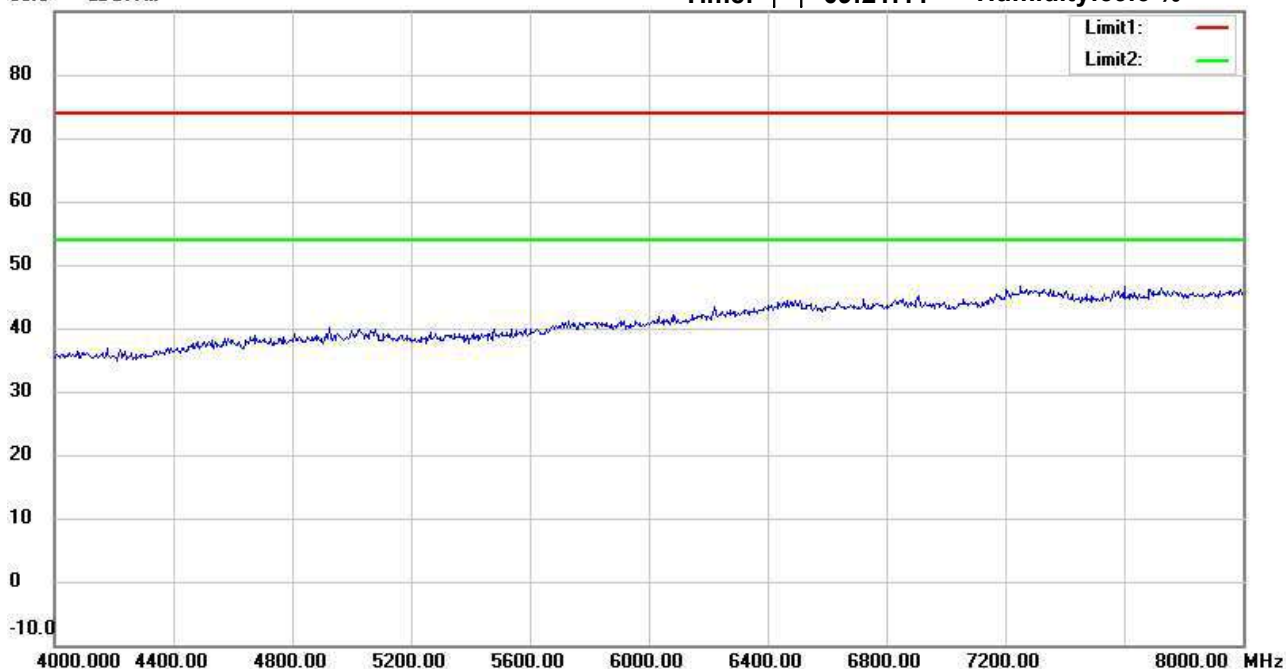
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:21:11

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #3

Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:18:25

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10360.000	32.47	peak	14.70	47.17	74.00	150	0	-26.83	

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



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

Operator: Gino

File : 3

Data : #9

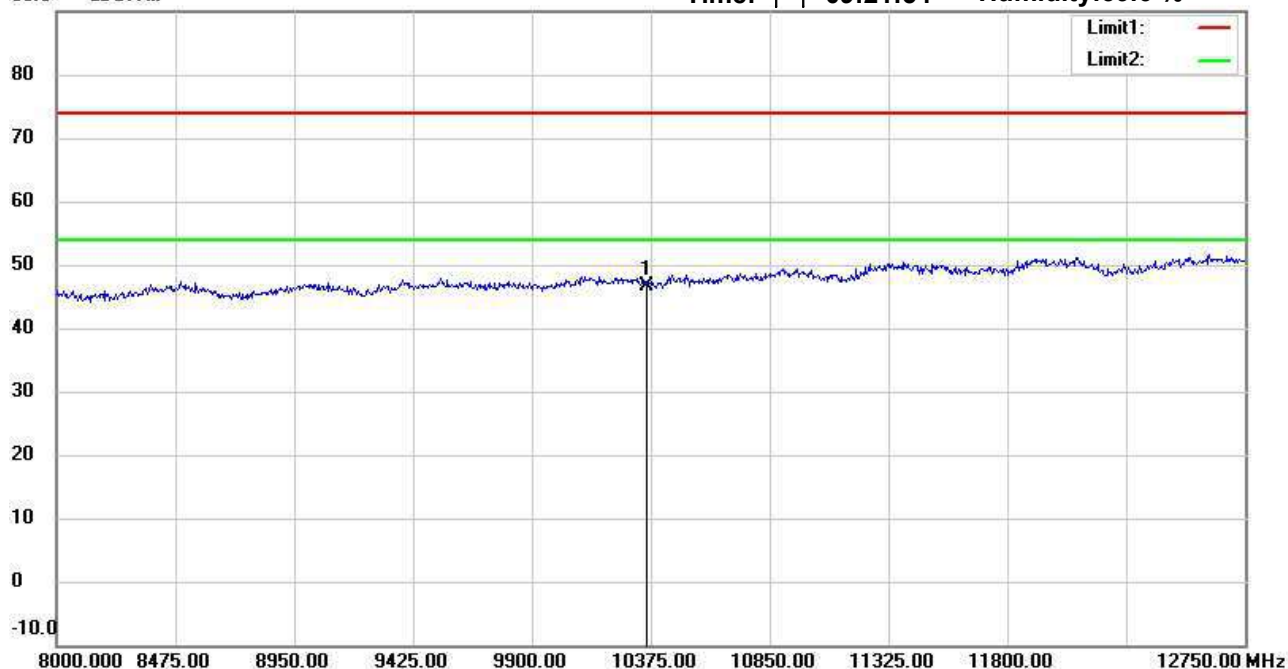
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:21:54

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10360.000	32.03	peak	14.70	46.73	74.00	150	55	-27.27	

*: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: Gino

File : 3

Data : #4

Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:19:12

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15540.000	21.82	peak	23.44	45.26	74.00	150	4	-28.74	

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #10

Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:22:41

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15540.000	21.52	peak	23.44	44.96	74.00	150	5	-29.04	

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #5

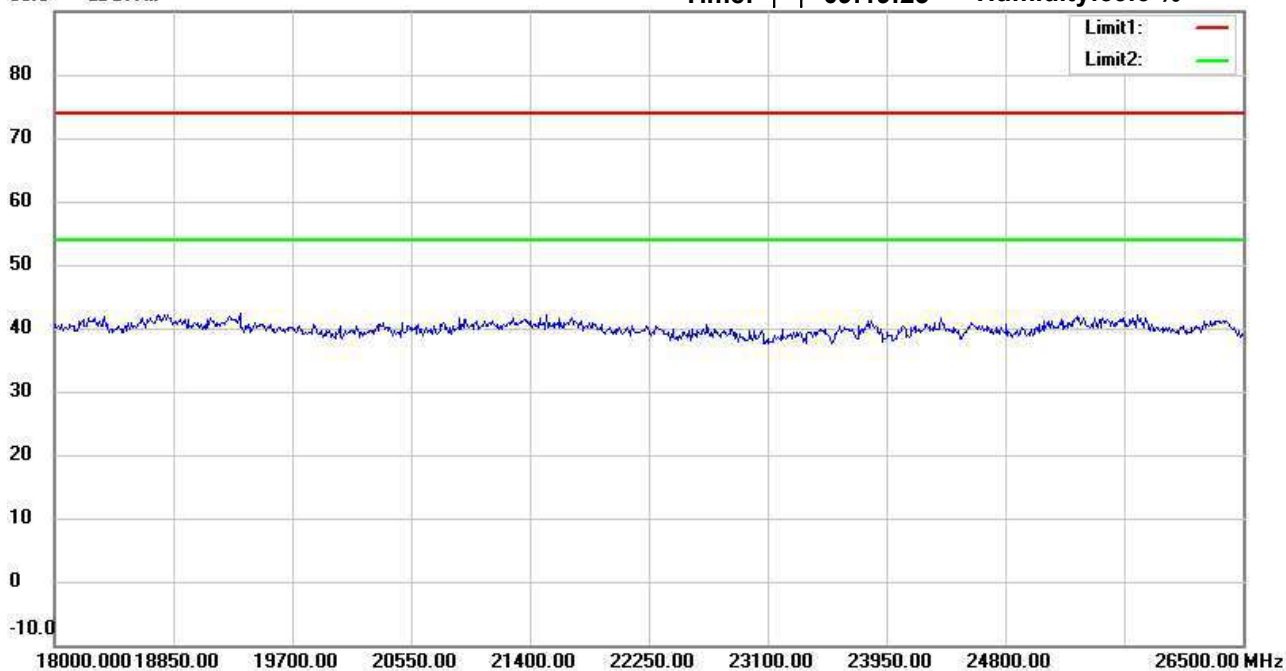
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:19:23

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #11

Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:22:52

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Operator: Gino

File : 3

Data : #6

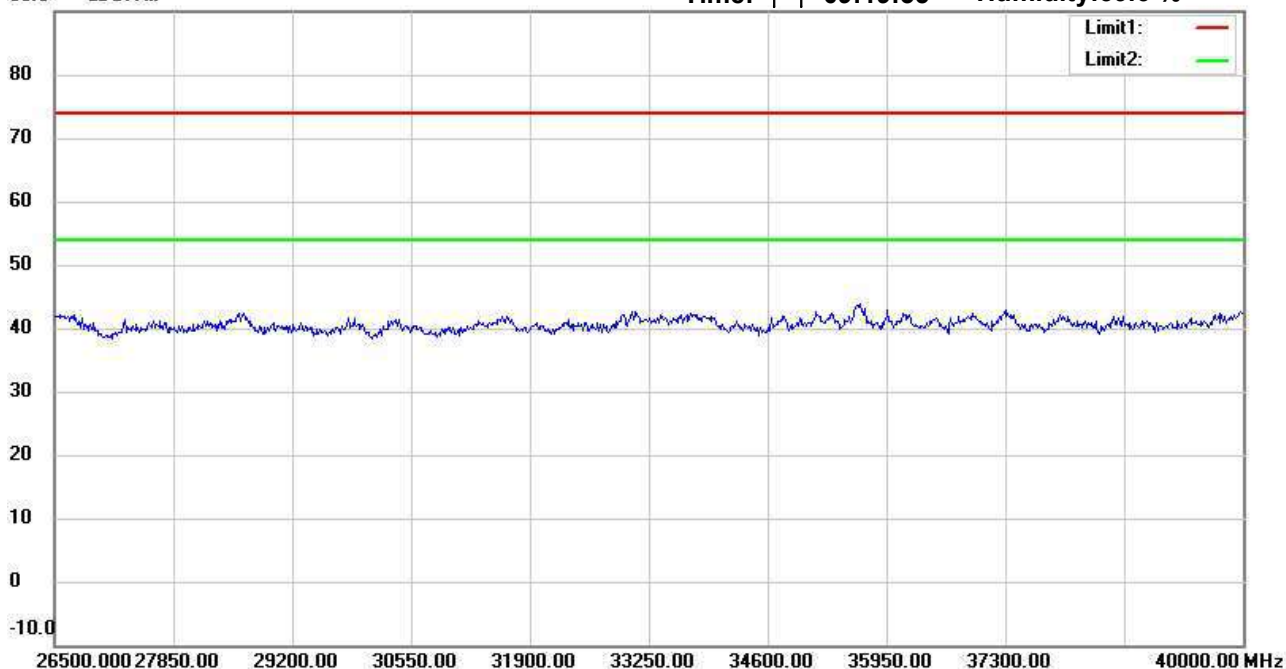
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:19:35

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #12

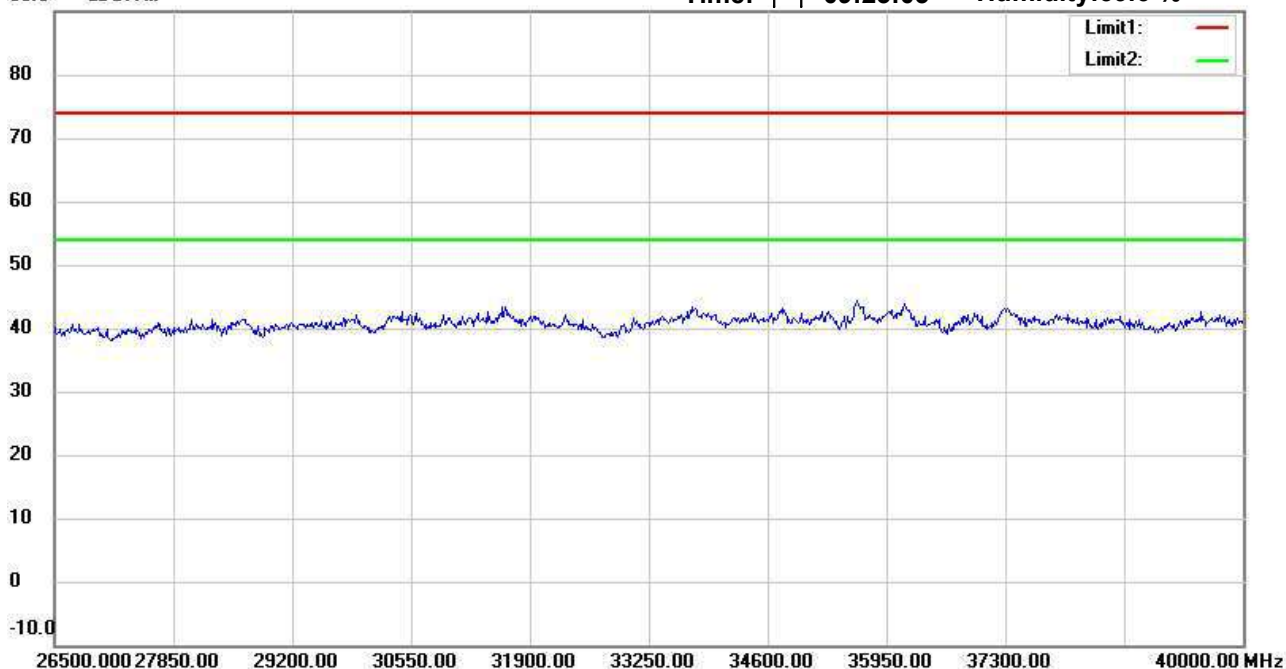
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:23:03

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Operator: Echo

File : Bandedge

Data : #1

Date: 2025/7/30

Temperature: 27.4 °C

130.0 dBuV/m

Time: 上午 05:23:45

Humidity: 42.9 %



Site : 966A Chamber

Condition : FCC 15.407 PK (Bandedge)(B1_5150_5250)

Polarization: **Horizontal**

EUT : W6M22507-24608

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH36

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
	5146.100	50.18	peak	5.96	56.14	74.00	154	5	-17.86	
	5146.100	38.02	AVG	5.96	43.98	54.00	154	5	-10.02	
	5150.000	47.41	peak	5.96	53.37	74.00	154	5	-20.63	
*	5150.000	38.97	AVG	5.96	44.93	54.00	154	5	-9.07	

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



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

Radiated Emission Measurement

Operator: Echo

File : Bandedge

Data : #2

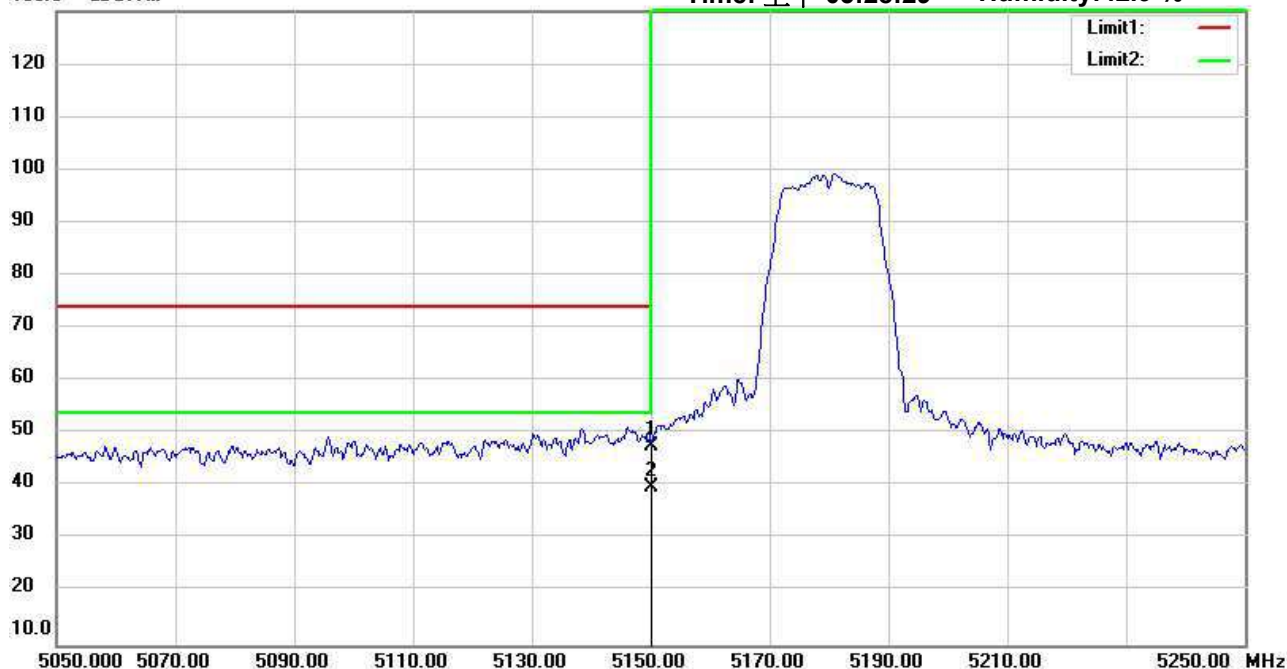
Date: 2025/7/30

Temperature: 27.4 °C

130.0 dBuV/m

Time: 上午 05:28:29

Humidity: 42.9 %



Site : 966A Chamber

Condition : FCC 15.407 PK (Bandedge)(B1_5150_5250)

Polarization: Vertical

EUT : W6M22507-24608

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH36

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
	5150.000	41.82	peak	5.96	47.78	74.00	150	219	-26.22	
*	5150.000	33.77	AVG	5.96	39.73	54.00	150	219	-14.27	

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #1

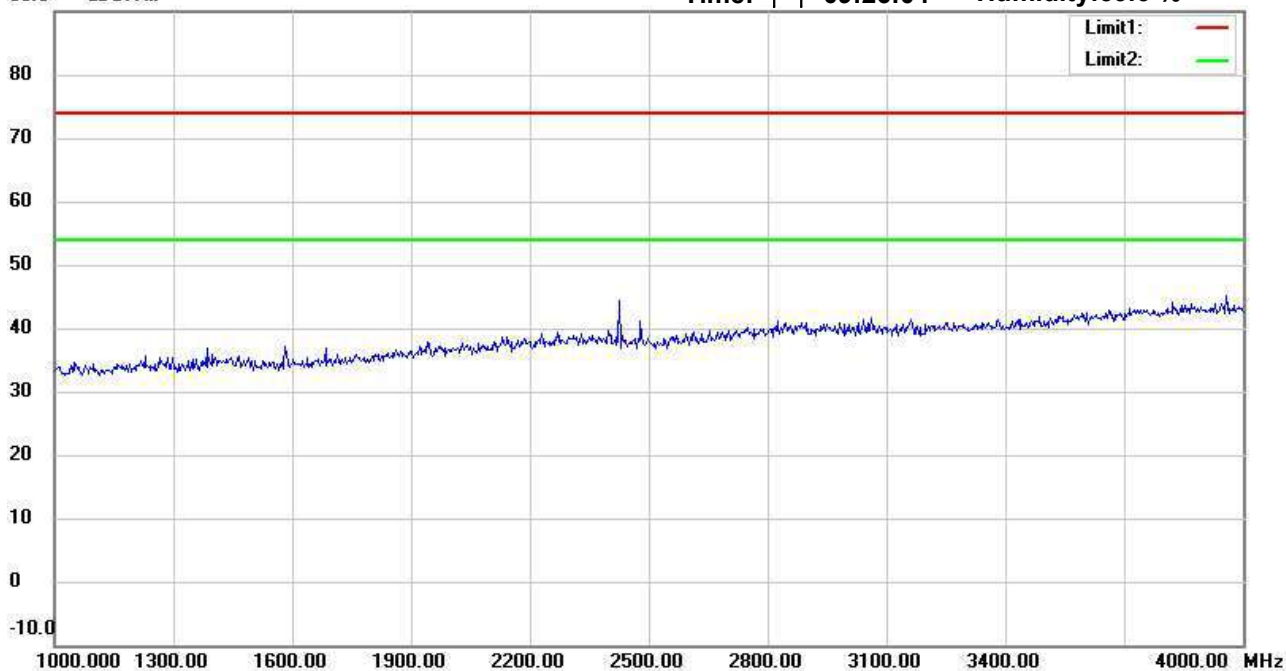
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:26:04

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #7

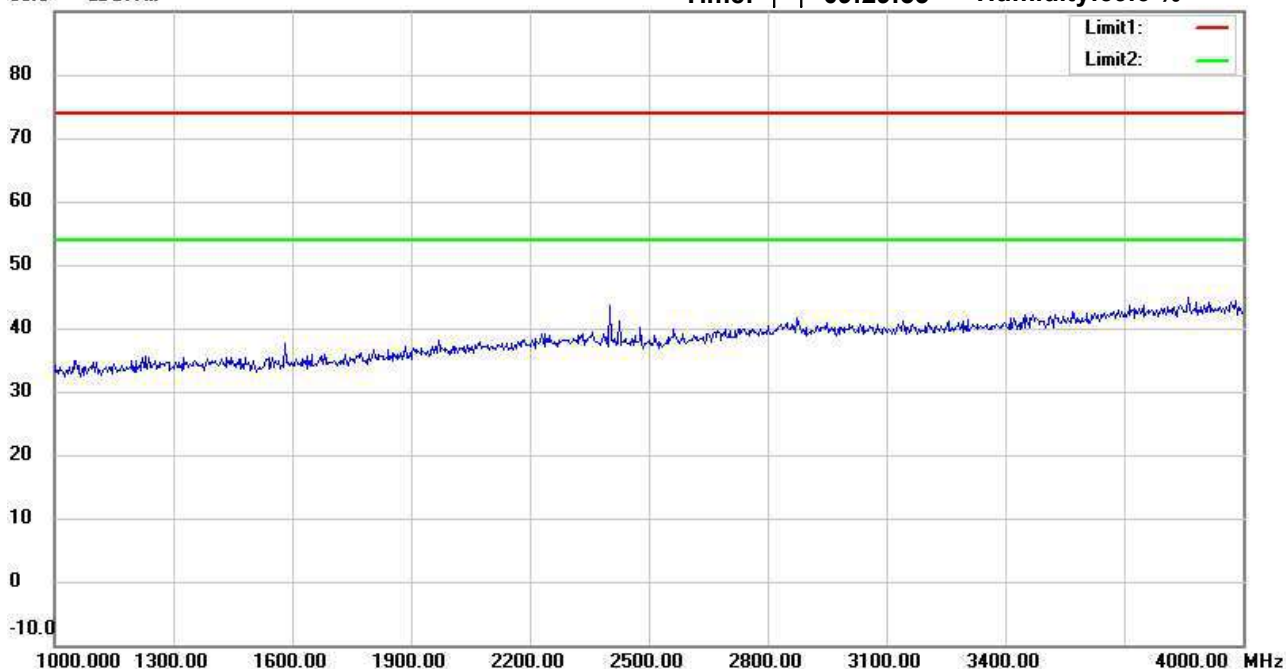
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:29:33

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #2

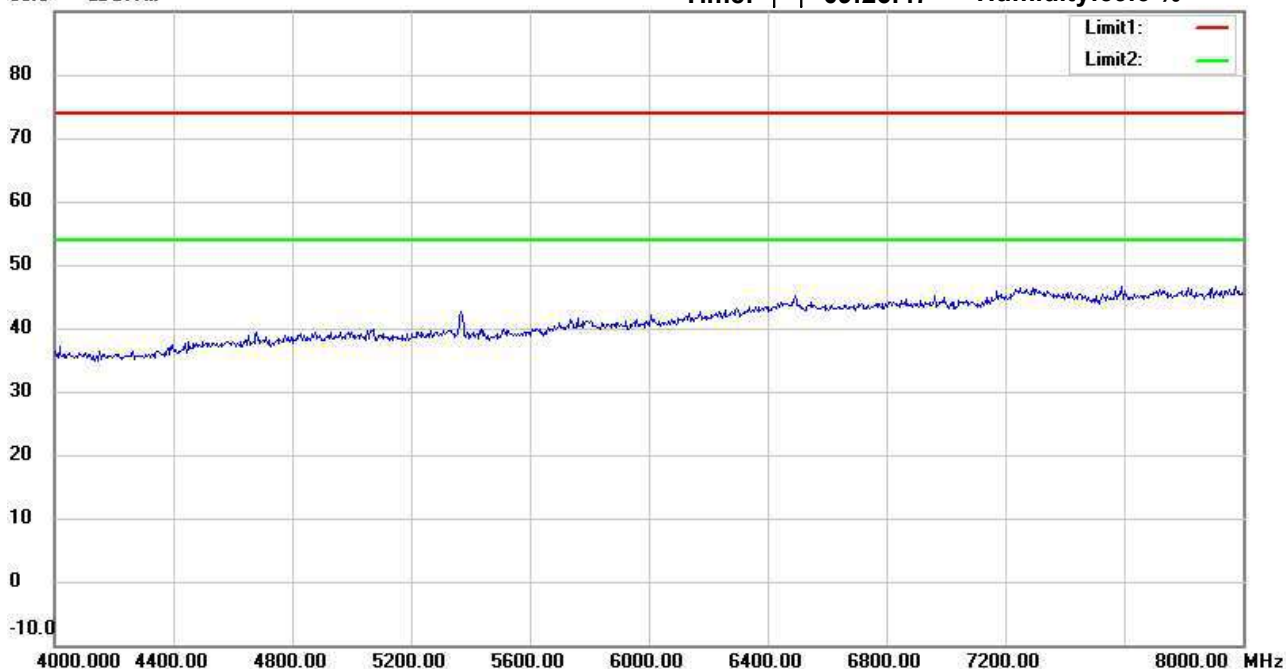
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:26:47

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Gino

File : 3

Data : #8

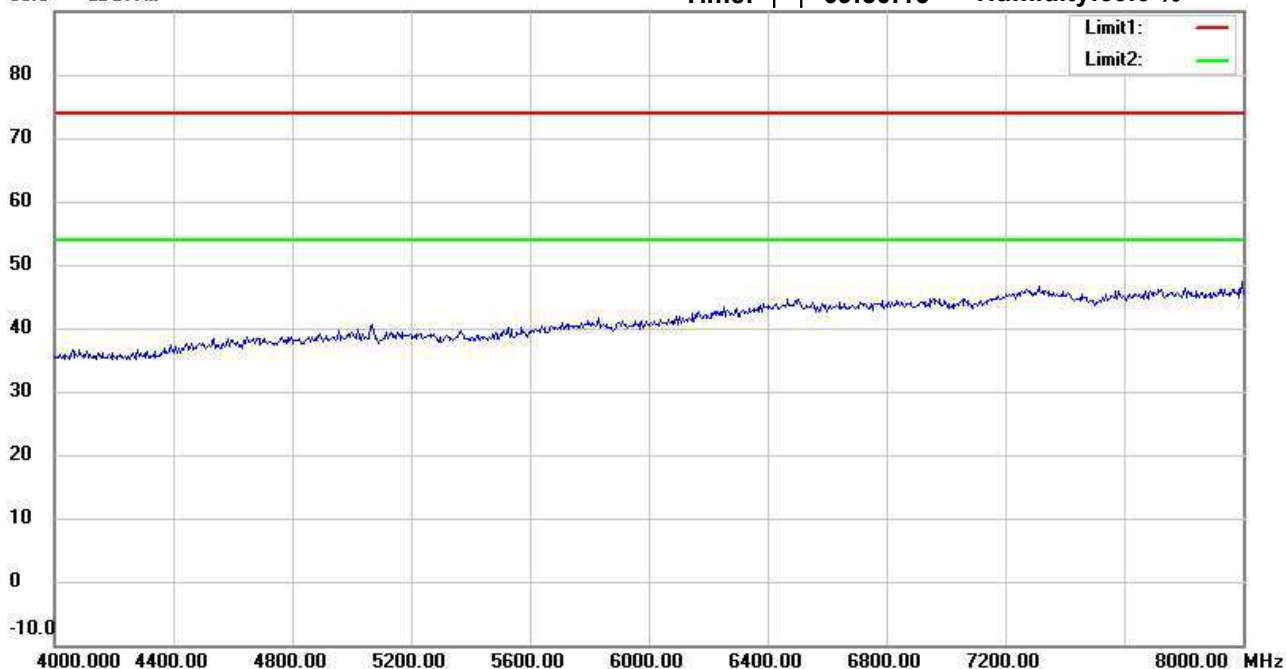
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:30:16

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Gino

File : 3

Data : #3

Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:27:30

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10440.000	32.55	peak	14.83	47.38	74.00	150	314	-26.62	

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



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

Operator: Gino

File : 3

Data : #9

Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:30:59

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10440.000	33.20	peak	14.83	48.03	74.00	150	243	-25.97	

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #4

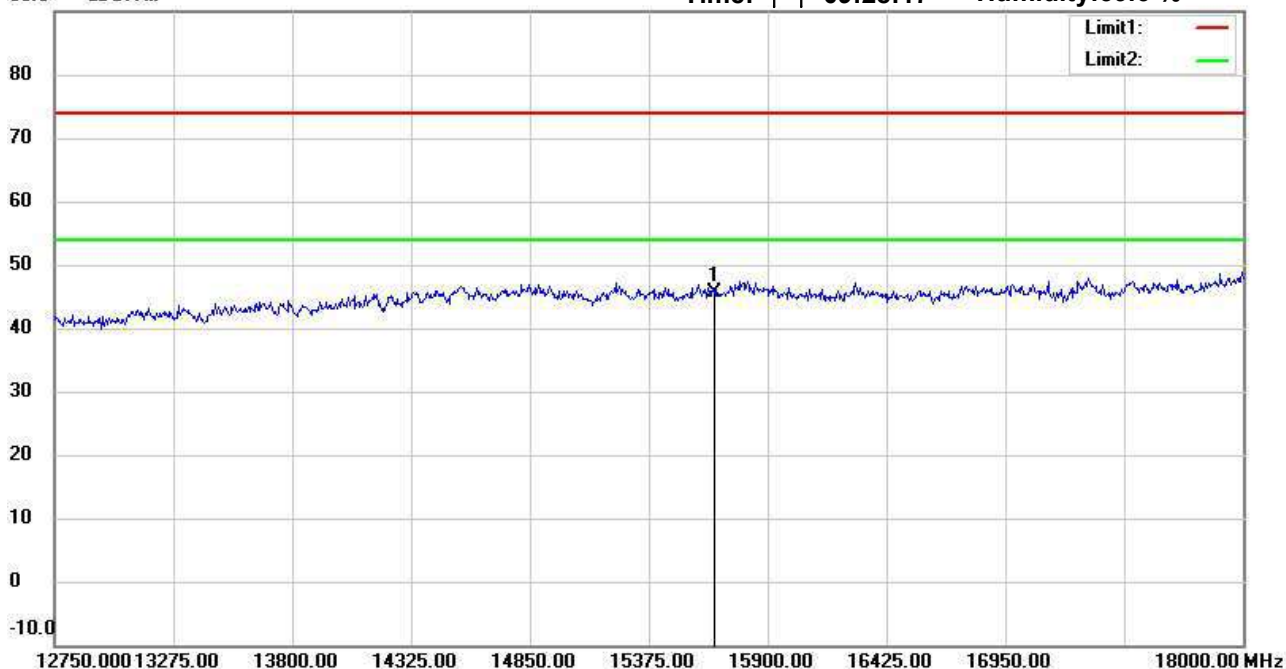
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:28:17

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15660.000	22.39	peak	23.20	45.59	74.00	150	253	-28.41	

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #10

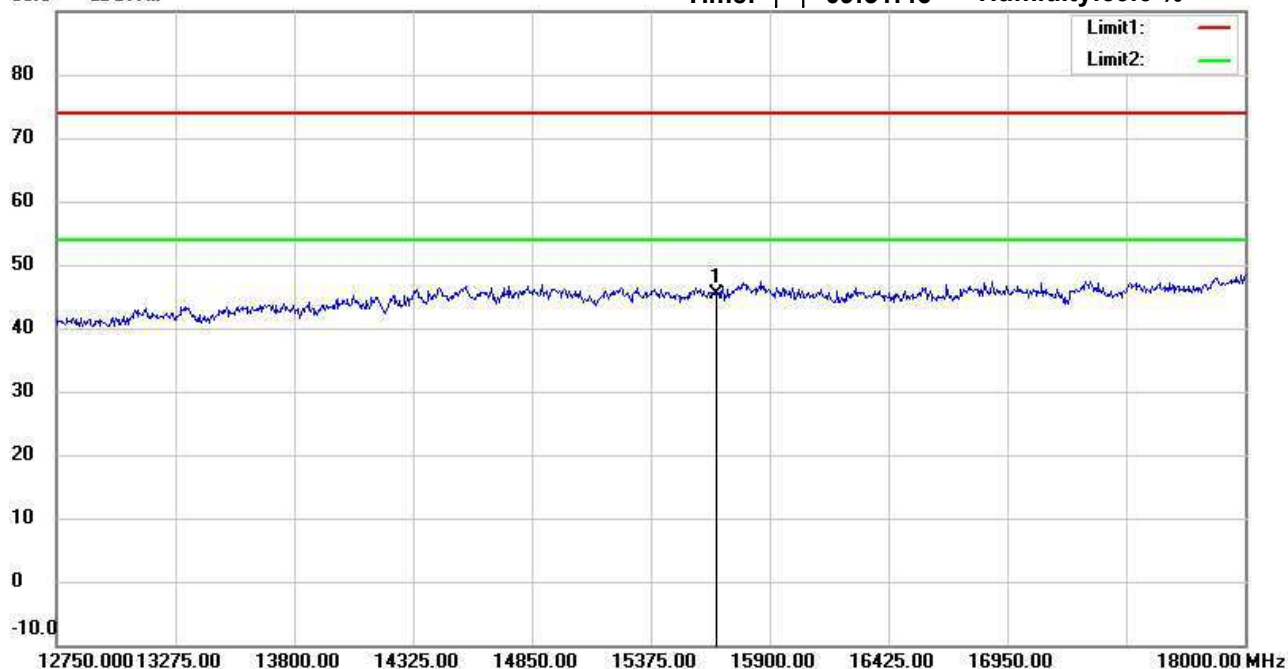
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:31:46

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15660.000	22.29	peak	23.20	45.49	74.00	150	47	-28.51	

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



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

Radiated Emission Measurement

Operator: Gino

File : 3

Data : #5

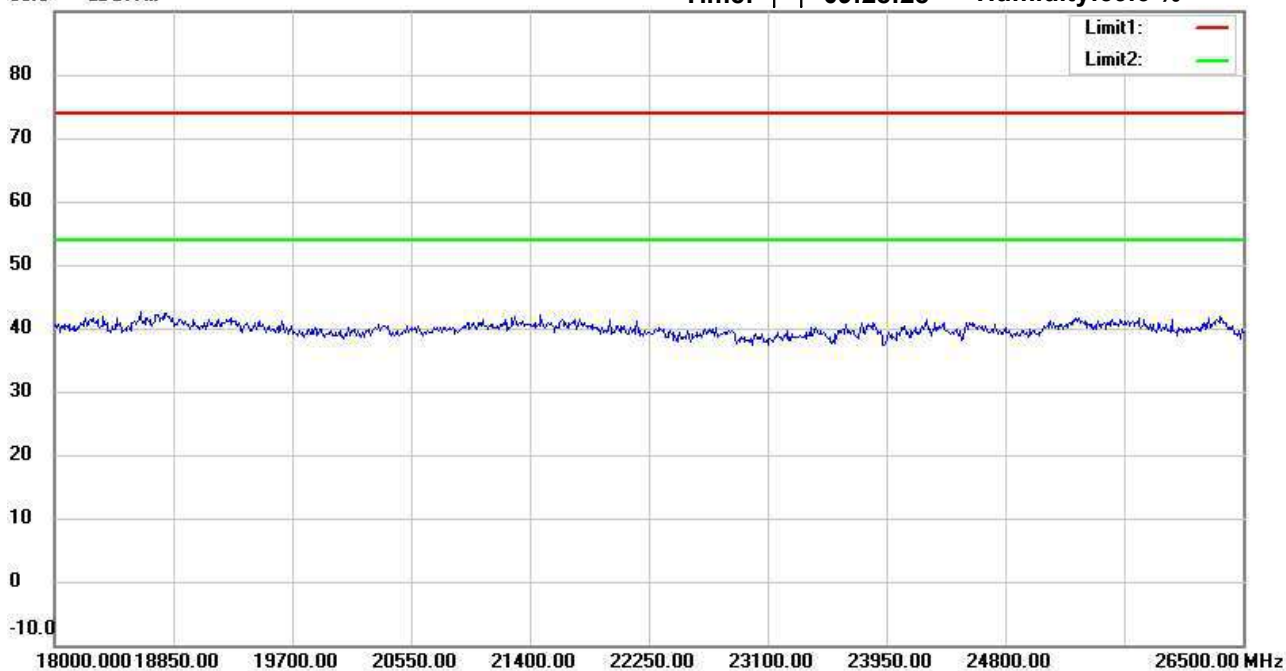
Date: 2025/7/29

Temperature: 25.6 °C

90.0 dBuV/m

Time: 下午 09:28:28

Humidity: 39.6 %



Site : 966A Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M22507-24608

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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