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Report Number: FCC ID:

Test Standard (s)

FCC PART 15.247

Sample Description

Product Type: Model No.: Multiple Model(s) No.: Trade Mark: Date Received: Issue Date: Robotic vacuum cleaner H660, H680, H1500 N/A N/A 2024-10-11 2024-11-18

Test Result:

Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Gala Liu

GaLa Liu RF Engineer Approved By:

Wan

Nancy Wang RF Supervisor

Note: The information marked[#] is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

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DOCUMENT REVISION HISTORY

| Revision Number | sion Number Report Number Description of Revision | | Date of Revision |
|-----------------|---|-----------------|------------------|
| 0 | 2401Y37315E-RF-00A | Original Report | 2024-11-18 |

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

| Product | Robotic vacuum cleaner |
|--|--|
| Tested Model | H660, H680, H1500 |
| Multiple Model(s) | N/A |
| Frequency Range | 2412~2462MHz |
| Maximum Conducted Output Peak Power | 17.99dBm |
| Modulation Technique | DSSS, OFDM |
| Antenna Specification [#] | 4.60dBi (provided by the applicant) |
| Voltage Range | Model H660: DC 19V from Charging Base or DC 14.4V from Battery Model H680: DC 19V from Intelligent Sweeping Robot Dust Collector or DC 14.4V from Battery Model H1500: DC 19V from Base Station or DC 14.4V from Battery |
| Sample serial number | 2SMP-3(H680) /2SMX-1(H660) /2TXS-1(H1500) for Conducted Emissions Test/Radiated Emissions Test 2SMP-4 for RF Conducted Test (Assigned by BACL, Shenzhen) |
| Sample/EUT Status | Good condition |
| Adapter Information | Only For model H660 Adapter 1 Model: GQ20-190100-AU Input: AC 100-240V, 50/60Hz, 0.8A, Max Output: DC 19.0V, 1.0A Adapter 2 Model: GQ20-190060-AU Input: AC 100-240V, 50/60Hz, 0.8A, Max Output: DC 19.0V, 0.6A Adapter 3 Model: HA012A-190060UH Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 19.0V, 0.6A Adapter 4 Model: HA018A-190100U Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 19.0V, 1.0A |

| | Battery 1(For model H660/H680/H1500): | | |
|--|--|--|--|
| | Model: ICR18650-26V 4S2P PCM5200 | | |
| | Nominal Capacity/Voltage: 5200mAh, 14.4V _{DC} , 74.88Wh | | |
| | Battery 2(For model H660/H680/H1500): | | |
| | Model: ICR18650/26V-4S2P-II | | |
| | Nominal Capacity/Voltage: 5100mAh, 14.4V _{DC} , 73.44Wh | | |
| Battery Information | | | |
| | Battery 3(For model H660): | | |
| | Model: ICR18650-26V 4S1P PCM2600 | | |
| | Nominal Capacity/Voltage: 2600mAh, 14.4V _{DC} , 37.44Wh | | |
| | Battery 4(For model H660): | | |
| | Model: JY-ICR18650/26V(2600)-4S1P-II | | |
| | Nominal Capacity/Voltage: 2550mAh, 14.4V _{DC} , 36.72Wh | | |
| Note: 1. All tests were performed with the worst case was 5200mAh battery. | | | |
| 2. The Multiple models are electrically identical with the test model except for model name, package type, | | | |
| | f vacumm cleaner. Please refer to the declaration letter [#] for more detail. | | |

which was provided by manufacturer.

Objective

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commission's rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.207, 15.209 and 15.247 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

And KDB 558074 D01 15.247 Meas Guidance v05r02.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Each test item follows test standards and with no deviation.

| Parameter | | | Uncertainty | | |
|----------------------------|--|-----------------------|--|--|--------------------------------------|
| Occupied Channel Bandwidth | | andwidth | 109.2kHz(k=2, 95% level of confidence) | | |
| RF output | RF output power, conducted | | 0.86dB(k=2, 95% level of confidence) | | |
| AC Power Lines Cond | lucted | 9kHz~150 kHz | 3.63dB(k=2, 95% level of confidence) | | |
| Emissions | | 150 kHz ~30MHz | 3.66dB(k=2, 95% level of confidence) | | |
| | 0. | 009MHz~30MHz | 3.60dB(k=2, 95% level of confidence) | | |
| | 30MHz | z~200MHz (Horizontal) | 5.32dB(k=2, 95% level of confidence) | | |
| | 30MHz~200MHz (Vertical) | | 5.43dB(k=2, 95% level of confidence) | | |
| Dadiated Emissions | Radiated Emissions 200MHz~1000MHz (Horizontal) 200MHz~1000MHz (Vertical) 200MHz~1000MHz (Vertical) | | 5.77dB(k=2, 95% level of confidence) | | |
| Radiated Emissions | | | 200MHz~1000MHz (Vertical) | | 5.73dB(k=2, 95% level of confidence) |
| | | 1GHz - 6GHz | 5.34dB(k=2, 95% level of confidence) | | |
| | | 6GHz - 18GHz | 5.40dB(k=2, 95% level of confidence) | | |
| | 18GHz - 40GHz | | 5.64dB(k=2, 95% level of confidence) | | |
| Те | Temperature | | ±1°C | | |
| | Humidity | | Humidity | | $\pm 1\%$ |
| Supply voltages | | ges | $\pm 0.4\%$ | | |

Measurement Uncertainty

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West), 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 715558, the FCC Designation No. : CN5045.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

For Wi-Fi mode, total 11 channels are provided to testing:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|--------------------|---------|--------------------|
| 1 | 2412 | 8 | 2447 |
| 2 | 2417 | 9 | 2452 |
| 3 | 2422 | 10 | 2457 |
| 4 | 2427 | 11 | 2462 |
| 5 | 2432 | / | / |
| 6 | 2437 | / | / |
| 7 | 2442 | / | / |

802.11 b&802.11g&802.11n-HT20 mode was tested with Channel 1, 6 and 11. 802.11n-HT40 mode was tested with Channel 3, 6 and 9.

EUT Exercise Software

| Exercise Software [#] | | Secure CRT | | | | |
|--------------------------------|-----------|--------------------------|----------------|--------------|--|--|
| Mode | Data rate | Power Level [#] | | | | |
| Widde | Data Tale | Low Channel | Middle Channel | High Channel | | |
| 802.11b | 1Mbps | 40 | 40 | 40 | | |
| 802.11g | 6Mbps | 40 | 40 | 40 | | |
| 802.11n20 | MCS0 | 40 | 40 | 40 | | |
| 802.11n40 | MCS0 | 40 | 40 | 40 | | |

Note: The worst-case data rates are determined to be as follows for each mode based upon inverstigation by measuring the power and PSD across all data rates, bandwidths and modulations.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

| Manufacturer | Description | Model | Serial Number |
|--------------|--------------|---------|---------------|
| Bull | Receptacle | unknown | unknown |
| Hua Xin | Base Station | H1500 | unknown |

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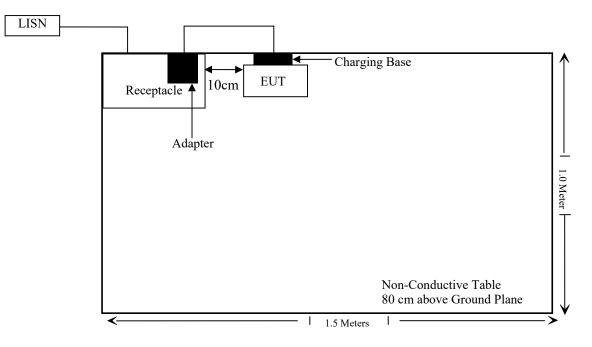
External I/O Cable

| Cable Description | Length (m) | From Port | То |
|-----------------------------------|------------|-----------------|---|
| Unshielded Un-detachable AC Cable | 1.0 | Receptacle | LISN |
| Shielded Un-detachable AC Cable | 1.5 | Receptacle | AC Mains |
| Unshielded Un-detachable DC Cable | 1.5 | Adapter | Charging Base |
| Unshielded Un-detachable AC Cable | 1.2 | LISN/Receptacle | Intelligent Sweeping Robot Dust Collector/Base Station |
| Unshielded Detachable AC Cable | 1.5 | LISN/Receptacle | Base Station |

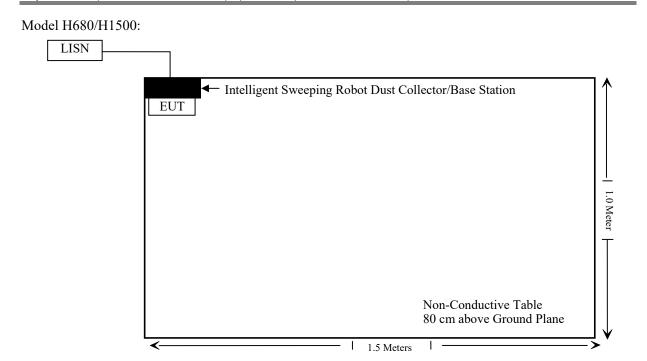
Block Diagram of Test Setup

For Conducted Emissions:

Model H660:

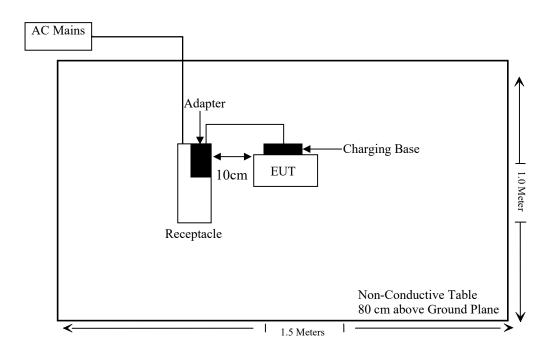


Report No.: 2401Y37315E-RF-00A



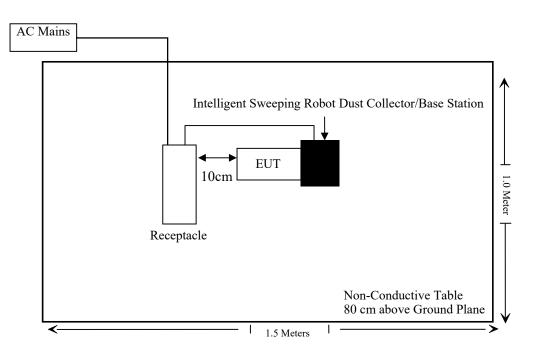
For Radiated Emissions Below 1GHz:

Model H660:

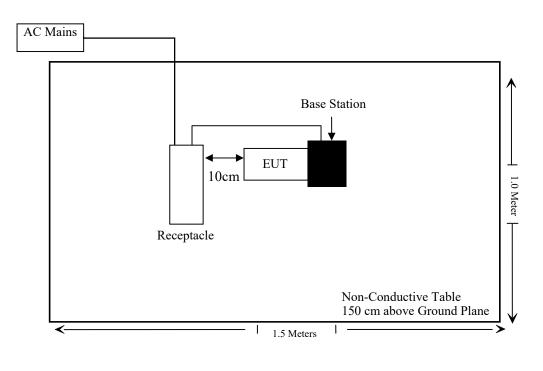


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Model H680/H1500:



For Radiated Emissions Above 1GHz:



SUMMARY OF TEST RESULTS

| FCC Rules | Description of Test | Result |
|---------------------------------|--|--------|
| FCC §15.207(a) | AC Line Conducted Emissions | PASS |
| FCC §15.205,§15.209,§15.247(d) | Radiated Spurious Emission | PASS |
| FCC §15.207(a)(2) | 6dB Emission Bandwidth | PASS |
| FCC §15.247(b)(1) | Maximum Conducted Output Power | PASS |
| FCC §15.247(d) | 100 kHz Bandwidth of Frequency Band Edge | PASS |
| FCC §15.247(e) | Power Spectral Density | PASS |
| C63.10 §11.6 | Duty Cycle | PASS |
| FCC §1.1307&§2.1091&§15.247 (i) | RF Exposure | PASS |

TEST EQUIPMENT LIST

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date | |
|--------------------------|--------------------------------------|---------------------|----------------------------|---------------------|-------------------------|--|
| Conducted Emission Test | | | | | | |
| Rohde & Schwarz | LISN | ENV216 | 101613 | 2024/01/16 | 2025/01/15 | |
| Audix | EMI Test software | E3 | 19821b(V9) | NCR | NCR | |
| Rohde & Schwarz | EMI Test Receiver | ESCI | 101120 | 2024/01/16 | 2025/01/15 | |
| Rohde & Schwarz | Transient Limiter | ESH3Z2 | DE25985 | 2024/05/21 | 2025/05/20 | |
| Unknown | CE Cable | Unknown | UF A210B-1- 0720-504504 | 2024/05/21 | 2025/05/20 | |
| | | Radiated E | mission Test | | 1 | |
| Rohde & Schwarz | EMI Test Receiver | ESR3 | 102455 | 2024/01/16 | 2025/01/15 | |
| Sonoma instrument | Pre-amplifier | 310N | 186238 | 2024/05/21 | 2025/05/20 | |
| Sunol Sciences | Broadband Antenna | JB1 | A040904-1 | 2023/07/20 | 2026/07/19 | |
| Unknown | Cable | XH500C | J-10M-A | 2024/06/18 | 2025/06/17 | |
| Unknown | Cable | Chamber Cable 1 | F-03-EM236 | 2024/06/18 | 2025/06/17 | |
| BACL | Active Loop Antenna | 1313-1A | 4031911 | 2024/05/14 | 2027/05/13 | |
| Audix | EMI Test software | E3 | 19821b(V9) | NCR | NCR | |
| Rohde&Schwarz | Spectrum Analyzer | FSV40 | 101605 | 2024/03/27 | 2025/03/26 | |
| COM-POWER | Pre-amplifier | PA-122 | 181919 | 2024/06/18 | 2025/06/17 | |
| Schwarzbeck | Horn Antenna | BBHA9120D(12 01) | 1143 | 2023/07/26 | 2026/07/25 | |
| Unknown | RF Cable | UFA147 | 219661 | 2024/06/18 | 2025/06/17 | |
| JD | Multiplex Switch Test Control Set | DT7220FSU | DQ77926 | 2024/06/18 | 2025/06/17 | |
| Audix | EMI Test software | E3 | 191218(V9) | NCR | NCR | |
| A.H.System | Pre-amplifier | PAM-1840VH | 190 | 2024/06/18 | 2025/06/17 | |
| Electro- Mechanics Co | Horn Antenna | 3116 | 9510-2270 | 2023/09/18 | 2026/09/17 | |
| UTIFLEX | RF Cable | NO. 13 | 232308-001 | 2024/06/18 | 2025/06/17 | |

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| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|--------------|--------------------------------|----------|---------------|---------------------|-------------------------|
| | RF Conducted Test | | | | |
| WEINSCHEL | 3dB Attenuator | Unknown | F-03-EM220 | 2024/06/27 | 2025/06/26 |
| R&S | Spectrum Analyzer | FSV40 | 101942 | 2024/09/20 | 2025/09/19 |
| ANRITSU | Microwave peak power sensor | MA24418A | 12622 | 2024/05/21 | 2025/05/20 |

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

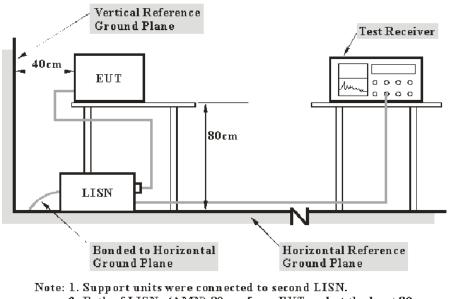
REQUIREMENTS AND TEST PROCEDURES

AC Line Conducted Emissions

Applicable Standard

FCC§15.207

EUT Setup



2. Both of LISNs (AMIN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

| Frequency Range | IF B/W |
|------------------|--------|
| 150 kHz – 30 MHz | 9 kHz |

Test Procedure

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Factor & Over Limit Calculation

The factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

Factor = LISN VDF + Cable Loss

The "**Over Limit**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit of -7 dB means the emission is 7 dB below the limit. The equation for margin calculation is as follows:

Over Limit = level – Limit Level= reading level+ Factor

Note: The term "cable loss" refers to the combination of a cable and a 10dB transient limiter (attenuator).

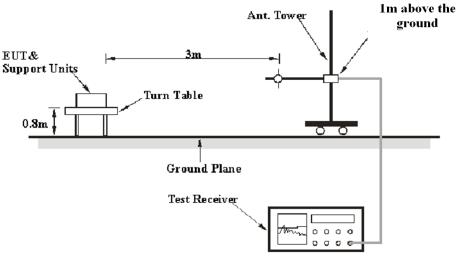
Spurious Emissions

Applicable Standard

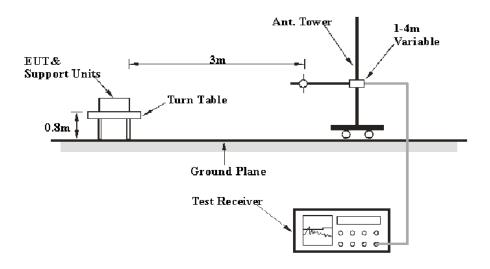
FCC §15.247 (d); §15.209; §15.205;

EUT Setup

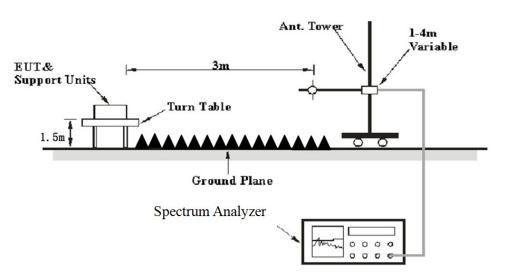
9 kHz-30MHz:



30MHz-1GHz:



Above 1GHz:



The radiated emission performed in the 3 meters, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, FCC 15.247 limits.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 25 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

| 9 kHz-1GHz: | |
|-------------|--|
|-------------|--|

| Frequency Range | RBW | Video B/W | IF B/W | Measurement |
|-------------------|---------|-----------|---------|-------------|
| 9 kHz – 150 kHz | / | / | 200 Hz | QP |
| 9 KHZ – 150 KHZ | 300 Hz | 1 kHz | / | РК |
| 150 kHz – 30 MHz | / | / | 9 kHz | QP |
| | 10 kHz | 30 kHz | / | РК |
| 30 MHz – 1000 MHz | / | / | 120 kHz | QP |
| 30 MHZ – 1000 MHZ | 100 kHz | 300 kHz | / | PK |

1-25GHz:

| Measurement | Duty cycle | RBW | Video B/W | | |
|--|------------|------|--------------------------------|--|--|
| РК | Any | 1MHz | 3 MHz | | |
| Average | >98% | 1MHz | ≥ 10 Hz ^{Note 1} | | |
| | <98% | 1MHz | $\geq 1/Ton Note^2$ | | |
| Note 1: The detail test parameters please refer to duty cycle section. | | | | | |
| Note 2: Ton is minimum transmission duration. | | | | | |

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If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

All final data was recorded in Quasi-peak detection mode except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, average detection modes for frequency bands 9–90 kHz and 110–490 kHz, peak and average detection modes for frequencies above 1 GHz.

For 9 kHz-30MHz, the report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground-parallel) unless the margin is greater than 20 dB.

All emissions under the average limit and under the noise floor have not recorded in the report.

Factor & Over Limit/Margin Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain. The basic equation is as follows:

Factor = Antenna Factor + Cable Loss - Amplifier Gain

The "**Over Limit/Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

Over Limit/Margin = Level/Corrected Amplitude – Limit Level / Corrected Amplitude = Read Level + Factor

6 dB Emission Bandwidth

Applicable Standard

According to FCC §15.247(a) (2)

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

Test Procedure

Test Method: ANSI C63.10-2013 Clause 11.8.1

a) Set RBW = 100 kHz.

b) Set the VBW $\geq [3 \times RBW]$.

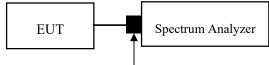
c) Detector = peak.

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 by6 dB relative to the maximum level measured in the fundamental emission.



Attenuator

Maximum Conducted Output Power

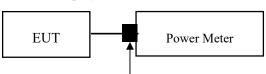
Applicable Standard

According to FCC §15.247(b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

Test Procedure

Test method: ANSI C63.10-2013 clause 11.9.1.3 for peak power method or clause 11.9.2.3.2 for average power method.

- 1. Place the EUT on a bench and set it in transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.
- 3. Add a correction factor to the display.



Attenuator

100 kHz Bandwidth of Frequency Band Edge

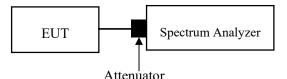
Applicable Standard

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in \$15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in \$15.205(a), must also comply with the radiated emission limits specified in \$15.209(a) (see \$15.205(c)).

Test Procedure

Test Method: ANSI C63.10-2013 Clause 11.11

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- 3. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
- 4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
- 5. Repeat above procedures until all measured frequencies were complete.



Power Spectral Density

Applicable Standard

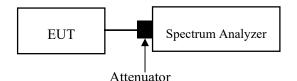
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of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

Test Procedure

Test Method: ANSI C63.10-2013 Clause 11.10.2

Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.

- 1. Set the RBW to: $3kHz \le RBW \le 100 kHz$.
- 2. Set the VBW $\geq 3 \times RBW$.
- 3. Set the span to 1.5 times the DTS bandwidth.
- 4. Detector = peak.
- 5. Sweep time = auto couple.
- 6. Trace mode = max hold.
- 7. Allow trace to fully stabilize.
- 8. Use the peak marker function to determine the maximum amplitude level within the RBW.
- 9. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.



Duty Cycle

Test Procedure

According to ANSI C63.10-2013 Section 11.6

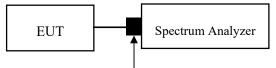
The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:

1) Set the center frequency of the instrument to the center frequency of the transmission.

2) Set $RBW \ge OBW$ if possible; otherwise, set RBW to the largest available value.

3) Set VBW \geq RBW. Set detector = peak or average.

4) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if $T \le 16.7 \mu s$.)



Attenuator

ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

Antenna Connector Construction

The EUT has an internal antenna arrangement, which was permanently attached, the antenna $gain^{\#}$ is 4.6dBi, fulfill the requirement of this section. Please refer to the EUT photos.

Result: Compliant

TEST DATA AND RESULTS

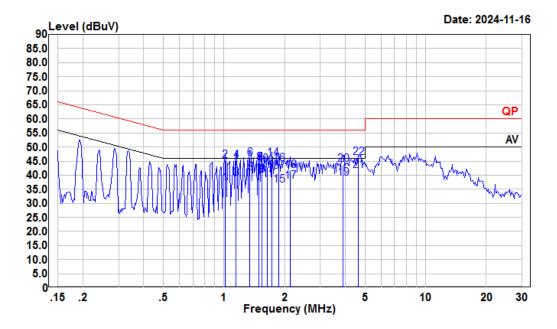
AC Line Conducted Emissions

Environmental Conditions

| Temperature (°C) | 24-26 | Relative Humidity (%) | 59-60 | | |
|-----------------------|--|--------------------------|----------|--|--|
| ATM Pressure (kPa) | 101 | Test engineer | Macy Shi | | |
| Test date | 2024/10/31-2024/11/16 | | | | |
| EUT operation mode | Transmitting (Maximum output power mode, 802.11b Middle channel) | | | | |

For Model: H660

For Adapter 1

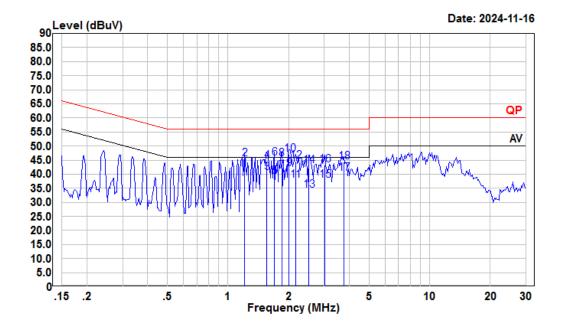


| Condition: | Line |
|------------|------------------------|
| Project : | 2401Y37315E-RF |
| tester : | Macy.shi |
| Note : | 2.4G WIFI Transmitting |

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|-------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 1.010 | 16.36 | 36.87 | 10.40 | 10.11 | 46.00 | -9.13 | Average |
| 2 | 1.010 | 24.53 | 45.04 | 10.40 | 10.11 | 56.00 | -10.96 | - |
| 3 | 1.147 | 18.25 | 38.82 | 10.44 | 10.13 | 46.00 | -7.18 | Average |
| 4 | 1.147 | 24.53 | 45.10 | 10.44 | 10.13 | 56.00 | -10.90 | QP |
| 5 | 1.345 | 20.14 | 40.78 | 10.49 | 10.15 | 46.00 | -5.22 | Average |
| 6 | 1.345 | 25.36 | 46.00 | 10.49 | 10.15 | 56.00 | -10.00 | QP |
| 7 | 1.495 | 19.31 | 39.99 | 10.52 | 10.16 | 46.00 | -6.01 | Average |
| 8 | 1.495 | 23.65 | 44.33 | 10.52 | 10.16 | 56.00 | -11.67 | QP |
| 9 | 1.544 | 19.39 | 40.08 | 10.53 | 10.16 | 46.00 | -5.92 | Average |
| 10 | 1.544 | 23.21 | 43.90 | 10.53 | 10.16 | 56.00 | -12.10 | QP |
| 11 | 1.645 | 17.52 | 38.23 | 10.54 | 10.17 | 46.00 | -7.77 | Average |
| 12 | 1.645 | 22.15 | 42.86 | 10.54 | 10.17 | 56.00 | -13.14 | QP |
| 13 | 1.734 | 20.50 | 41.23 | 10.56 | 10.17 | 46.00 | -4.77 | Average |
| 14 | 1.734 | 25.11 | 45.84 | 10.56 | 10.17 | 56.00 | -10.16 | QP |
| 15 | 1.868 | 15.69 | 36.45 | 10.58 | 10.18 | 46.00 | -9.55 | Average |
| 16 | 1.868 | 23.37 | 44.13 | 10.58 | 10.18 | 56.00 | -11.87 | QP |

| | | Read | | LISN | Cable | Limit | 0ver | |
|----|-------|-------|-------|--------|-------|-------|--------|---------|
| | Freq | Level | Level | Factor | Loss | Line | Limit | Remark |
| - | | | | | | | | |
| | | | | dB | | | | |
| 17 | 2.121 | 17.02 | 37.78 | 10.57 | 10.19 | 46.00 | -8.22 | Average |
| 18 | 2.121 | 20.85 | 41.61 | 10.57 | 10.19 | 56.00 | -14.39 | QP |
| 19 | 3.881 | 18.49 | 39.01 | 10.31 | 10.21 | 46.00 | -6.99 | Average |
| 20 | 3.881 | 23.15 | 43.67 | 10.31 | 10.21 | 56.00 | -12.33 | QP |
| 21 | | | | | | | | Average |
| 22 | 4.647 | 25.74 | 46.28 | 10.35 | 10.19 | 56.00 | -9.72 | QP |

TR-EM-RF004

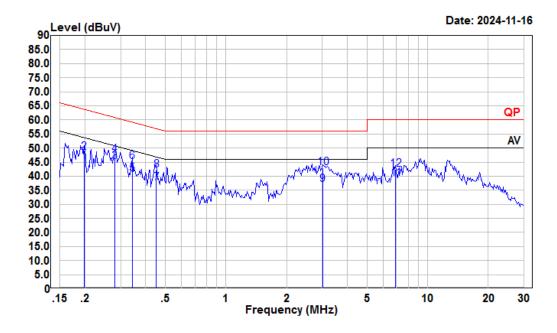


| Condition: | Neutral |
|------------|------------------------|
| Project : | 2401Y37315E-RF |
| tester : | Macy.shi |
| Note : | 2.4G WIFI Transmitting |

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|-------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 1.210 | 21.03 | 41.93 | 10.76 | 10.14 | 46.00 | -4.07 | Average |
| 2 | 1.210 | 24.63 | 45.53 | 10.76 | 10.14 | 56.00 | -10.47 | QP |
| 3 | 1.560 | 19.86 | 40.60 | 10.58 | 10.16 | 46.00 | -5.40 | Average |
| 4 | 1.560 | 23.96 | 44.70 | 10.58 | 10.16 | 56.00 | -11.30 | QP |
| 5 | 1.698 | 18.57 | 39.26 | 10.52 | 10.17 | 46.00 | -6.74 | Average |
| 6 | 1.698 | 25.12 | 45.81 | 10.52 | 10.17 | 56.00 | -10.19 | QP |
| 7 | 1.848 | 20.53 | 41.17 | 10.46 | 10.18 | 46.00 | -4.83 | Average |
| 8 | 1.848 | 24.88 | 45.52 | 10.46 | 10.18 | 56.00 | -10.48 | QP |
| 9 | 2.012 | 21.41 | 42.00 | 10.40 | 10.19 | 46.00 | -4.00 | Average |
| 10 | 2.012 | 26.35 | 46.94 | 10.40 | 10.19 | 56.00 | -9.06 | QP |
| 11 | 2.167 | 17.24 | 37.82 | 10.40 | 10.18 | 46.00 | -8.18 | Average |
| 12 | 2.167 | 23.99 | 44.57 | 10.40 | 10.18 | 56.00 | -11.43 | QP |
| 13 | 2.513 | 13.69 | 34.26 | 10.40 | 10.17 | 46.00 | -11.74 | Average |
| 14 | 2.513 | 22.30 | 42.87 | 10.40 | 10.17 | 56.00 | -13.13 | QP |
| 15 | 3.009 | 17.20 | 37.78 | 10.40 | 10.18 | 46.00 | -8.22 | Average |
| 16 | 3.009 | 22.55 | 43.13 | 10.40 | 10.18 | 56.00 | -12.87 | QP |

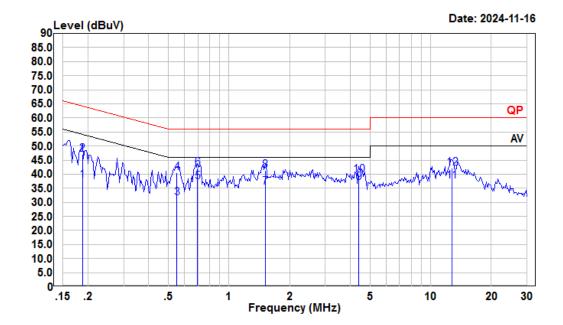
| | Freq | | | LISN Factor | | | | Remark |
|----|-------|-------|-------|----------------|-------|-------|--------|---------|
| | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 17 | 3.759 | 19.60 | 40.20 | 10.40 | 10.20 | 46.00 | -5.80 | Average |
| 18 | 3.759 | 23.60 | 44.20 | 10.40 | 10.20 | 56.00 | -11.80 | QP |

For Adapter 2



| Condition: | Line |
|------------|------------------------|
| Project : | 2401Y37315E-RF |
| tester : | Macy.shi |
| Note : | 2.4G WIFI Transmitting |

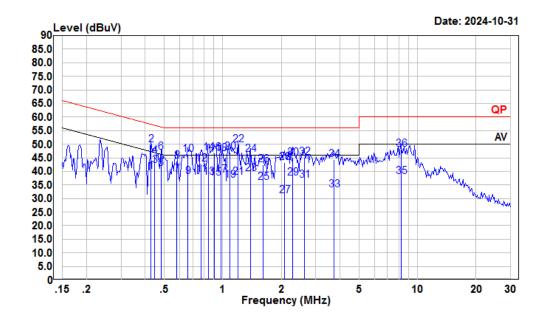
| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|-------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.198 | 24.31 | 45.20 | 10.80 | 10.09 | 53.71 | -8.51 | Average |
| 2 | 0.198 | 27.60 | 48.49 | 10.80 | 10.09 | 63.71 | -15.22 | QP |
| 3 | 0.280 | 24.30 | 45.09 | 10.69 | 10.10 | 50.81 | -5.72 | Average |
| 4 | 0.280 | 26.90 | 47.69 | 10.69 | 10.10 | 60.81 | -13.12 | QP |
| 5 | 0.343 | 20.17 | 40.91 | 10.62 | 10.12 | 49.13 | -8.22 | Average |
| 6 | 0.343 | 24.35 | 45.09 | 10.62 | 10.12 | 59.13 | -14.04 | QP |
| 7 | 0.452 | 16.90 | 37.55 | 10.53 | 10.12 | 46.85 | -9.30 | Average |
| 8 | 0.452 | 21.50 | 42.15 | 10.53 | 10.12 | 56.85 | -14.70 | QP |
| 9 | 3.009 | 16.30 | 36.90 | 10.42 | 10.18 | 46.00 | -9.10 | Average |
| 10 | 3.009 | 22.50 | 43.10 | 10.42 | 10.18 | 56.00 | -12.90 | QP |
| 11 | 6.951 | 18.60 | 39.29 | 10.50 | 10.19 | 50.00 | -10.71 | Average |
| 12 | 6.951 | 21.70 | 42.39 | 10.50 | 10.19 | 60.00 | -17.61 | QP |



| Condition: | Neutral |
|------------|------------------------|
| Project : | 2401Y37315E-RF |
| tester : | Macy.shi |
| Note : | 2.4G WIFI Transmitting |

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|--------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.187 | 17.30 | 37.84 | 10.45 | 10.09 | 54.15 | -16.31 | Average |
| 2 | 0.187 | 26.58 | 47.12 | 10.45 | 10.09 | 64.15 | -17.03 | QP |
| 3 | 0.552 | 10.70 | 31.53 | 10.70 | 10.13 | 46.00 | -14.47 | Average |
| 4 | 0.552 | 19.80 | 40.63 | 10.70 | 10.13 | 56.00 | -15.37 | QP |
| 5 | 0.697 | 16.30 | 37.15 | 10.70 | 10.15 | 46.00 | -8.85 | Average |
| 6 | 0.697 | 21.40 | 42.25 | 10.70 | 10.15 | 56.00 | -13.75 | QP |
| 7 | 1.511 | 14.60 | 35.36 | 10.60 | 10.16 | 46.00 | -10.64 | Average |
| 8 | 1.511 | 20.60 | 41.36 | 10.60 | 10.16 | 56.00 | -14.64 | QP |
| 9 | 4.407 | 16.23 | 36.88 | 10.45 | 10.20 | 46.00 | -9.12 | Average |
| 10 | 4.407 | 19.15 | 39.80 | 10.45 | 10.20 | 56.00 | -16.20 | QP |
| 11 | 12.716 | 16.47 | 37.49 | 10.80 | 10.22 | 50.00 | -12.51 | Average |
| 12 | 12.716 | 21.16 | 42.18 | 10.80 | 10.22 | 60.00 | -17.82 | QP |

For Adapter 3

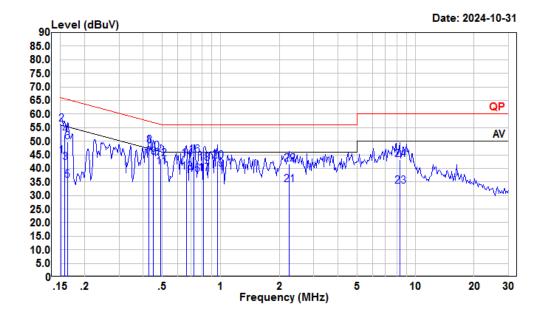


| Condition: | Line |
|------------|------------------------|
| Project : | 2401Y37315E-RF |
| tester : | Macy.shi |
| Note : | 2.4G WIFI Transmitting |

| | | Read | | LISN | Cable | Limit | 0ver | |
|----|-------|-------|-------|--------|-------|-------|--------|---------|
| | Freq | Level | Level | Factor | Loss | Line | Limit | Remark |
| | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.428 | 19.41 | 40.07 | 10.55 | 10.11 | 47.29 | -7.22 | Average |
| 2 | 0.428 | 29.14 | 49.80 | 10.55 | 10.11 | 57.29 | -7.49 | - |
| 3 | 0.447 | 21.40 | 42.06 | 10.54 | 10.12 | 46.93 | -4.87 | Average |
| 4 | 0.447 | 24.90 | 45.56 | 10.54 | 10.12 | 56.93 | -11.37 | QP |
| 5 | 0.481 | 20.41 | 41.05 | 10.51 | 10.13 | 46.32 | -5.27 | Average |
| 6 | 0.481 | 26.41 | 47.05 | 10.51 | 10.13 | 56.32 | -9.27 | QP |
| 7 | 0.582 | 18.20 | 38.82 | 10.50 | 10.12 | 46.00 | -7.18 | Average |
| 8 | 0.582 | 23.10 | 43.72 | 10.50 | 10.12 | 56.00 | -12.28 | QP |
| 9 | 0.661 | 17.40 | 38.04 | 10.50 | 10.14 | 46.00 | -7.96 | Average |
| 10 | 0.661 | 25.50 | 46.14 | 10.50 | 10.14 | 56.00 | -9.86 | QP |
| 11 | 0.775 | 18.30 | 38.90 | 10.47 | 10.13 | 46.00 | -7.10 | Average |
| 12 | 0.775 | 22.10 | 42.70 | 10.47 | 10.13 | 56.00 | -13.30 | QP |
| 13 | 0.844 | 17.30 | 37.86 | 10.45 | 10.11 | 46.00 | -8.14 | Average |
| 14 | 0.844 | 26.20 | 46.76 | 10.45 | 10.11 | 56.00 | -9.24 | QP |
| 15 | 0.909 | 17.10 | 37.63 | 10.43 | 10.10 | 46.00 | -8.37 | Average |
| 16 | 0.909 | 26.30 | 46.83 | 10.43 | 10.10 | 56.00 | -9.17 | QP |

| | | Read | | LISN | Cable | Limit | 0ver | |
|----|-------|-------|-------|--------|-------|-------|--------|---------|
| | Freq | Level | Level | Factor | Loss | Line | Limit | Remark |
| | | | | | | | | |
| | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 17 | 0.979 | 18.09 | 38.61 | 10.41 | 10.11 | 46.00 | -7.39 | Average |
| 18 | 0.979 | 26.09 | 46.61 | 10.41 | 10.11 | 56.00 | -9.39 | QP |
| 19 | 1.088 | 16.21 | 36.75 | 10.42 | 10.12 | 46.00 | -9.25 | Average |
| 20 | 1.088 | 26.41 | 46.95 | 10.42 | 10.12 | 56.00 | -9.05 | QP |
| 21 | 1.197 | 17.33 | 37.92 | 10.45 | 10.14 | 46.00 | -8.08 | Average |
| 22 | 1.197 | 29.28 | 49.87 | 10.45 | 10.14 | 56.00 | -6.13 | QP |
| 23 | 1.388 | 18.61 | 39.25 | 10.49 | 10.15 | 46.00 | -6.75 | Average |
| 24 | 1.388 | 25.71 | 46.35 | 10.49 | 10.15 | 56.00 | -9.65 | QP |
| 25 | 1.610 | 15.19 | 35.90 | 10.54 | 10.17 | 46.00 | -10.10 | Average |
| 26 | 1.610 | 21.69 | 42.40 | 10.54 | 10.17 | 56.00 | -13.60 | QP |
| 27 | 2.077 | 10.20 | 30.97 | 10.58 | 10.19 | 46.00 | -15.03 | Average |
| 28 | 2.077 | 22.60 | 43.37 | 10.58 | 10.19 | 56.00 | -12.63 | QP |
| 29 | 2.285 | 16.85 | 37.57 | 10.54 | 10.18 | 46.00 | -8.43 | Average |
| 30 | 2.285 | 24.12 | 44.84 | 10.54 | 10.18 | 56.00 | -11.16 | QP |
| 31 | 2.622 | 16.11 | 36.76 | 10.48 | 10.17 | 46.00 | -9.24 | Average |
| 32 | 2.622 | 24.41 | 45.06 | 10.48 | 10.17 | 56.00 | -10.94 | QP |
| 33 | 3.720 | 12.70 | 33.23 | 10.33 | 10.20 | 46.00 | -12.77 | Average |
| 34 | 3.720 | 23.70 | 44.23 | 10.33 | 10.20 | 56.00 | -11.77 | QP |
| 35 | 8.235 | 17.25 | 38.00 | 10.55 | 10.20 | 50.00 | -12.00 | Average |
| 36 | 8.235 | 27.27 | 48.02 | 10.55 | 10.20 | 60.00 | -11.98 | QP - |

TR-EM-RF004

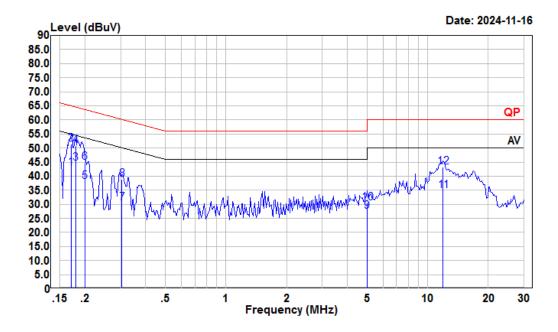


```
Condition: Neutral
Project : 2401Y37315E-RF
tester : Macy.shi
Note : 2.4G WIFI Transmitting
```

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|-------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.152 | 23.76 | 44.48 | 10.59 | 10.13 | 55.91 | -11.43 | Average |
| 2 | 0.152 | 35.67 | 56.39 | 10.59 | 10.13 | 65.91 | -9.52 | QP |
| 3 | 0.158 | 21.40 | 42.08 | 10.56 | 10.12 | 55.56 | -13.48 | Average |
| 4 | 0.158 | 31.40 | 52.08 | 10.56 | 10.12 | 65.56 | -13.48 | QP |
| 5 | 0.163 | 14.90 | 35.55 | 10.54 | 10.11 | 55.30 | -19.75 | Average |
| 6 | 0.163 | 29.10 | 49.75 | 10.54 | 10.11 | 65.30 | -15.55 | QP |
| 7 | 0.428 | 23.33 | 44.09 | 10.65 | 10.11 | 47.29 | -3.20 | Average |
| 8 | 0.428 | 27.62 | 48.38 | 10.65 | 10.11 | 57.29 | -8.91 | QP |
| 9 | 0.452 | 23.30 | 44.09 | 10.67 | 10.12 | 46.85 | -2.76 | Average |
| 10 | 0.452 | 25.50 | 46.29 | 10.67 | 10.12 | 56.85 | -10.56 | QP |
| 11 | 0.491 | 19.80 | 40.63 | 10.69 | 10.14 | 46.14 | -5.51 | Average |
| 12 | 0.491 | 22.60 | 43.43 | 10.69 | 10.14 | 56.14 | -12.71 | QP |
| 13 | 0.668 | 17.90 | 38.74 | 10.70 | 10.14 | 46.00 | -7.26 | Average |
| 14 | 0.668 | 22.60 | 43.44 | 10.70 | 10.14 | 56.00 | -12.56 | QP |
| 15 | 0.727 | 16.99 | 37.85 | 10.72 | 10.14 | 46.00 | -8.15 | Average |
| 16 | 0.727 | 24.03 | 44.89 | 10.72 | 10.14 | 56.00 | -11.11 | QP |

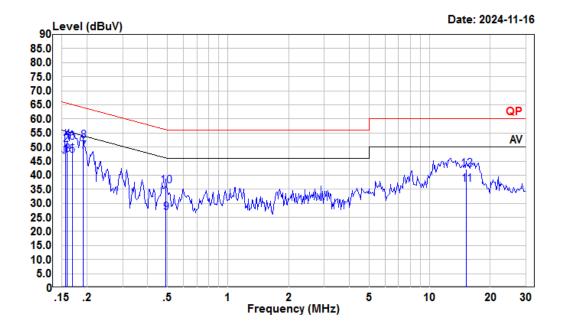
| | Freq | Read Level | Level | LISN Factor | Cable Loss | | Over Limit | Remark |
|----|-------|---------------|-------|----------------|---------------|-------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 17 | 0.817 | 17.19 | 38.10 | 10.79 | 10.12 | 46.00 | -7.90 | Average |
| 18 | 0.817 | 20.99 | 41.90 | 10.79 | 10.12 | 56.00 | -14.10 | QP |
| 19 | 0.958 | 18.59 | 39.58 | 10.88 | 10.11 | 46.00 | -6.42 | Average |
| 20 | 0.958 | 21.59 | 42.58 | 10.88 | 10.11 | 56.00 | -13.42 | QP |
| 21 | 2.237 | 13.50 | 34.08 | 10.40 | 10.18 | 46.00 | -11.92 | Average |
| 22 | 2.237 | 20.95 | 41.53 | 10.40 | 10.18 | 56.00 | -14.47 | QP |
| 23 | 8.323 | 12.51 | 33.46 | 10.75 | 10.20 | 50.00 | -16.54 | Average |
| 24 | 8.323 | 22.21 | 43.16 | 10.75 | 10.20 | 60.00 | -16.84 | QP |

For Adapter 4



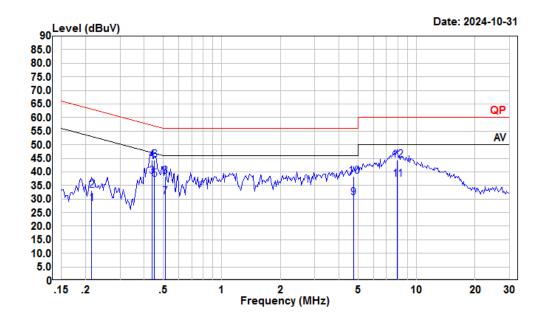
| Condition: | Line |
|------------|------------------------|
| Project : | 2401Y37315E-RF |
| tester : | Macy.shi |
| Note : | 2.4G WIFI Transmitting |

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|--------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.170 | 22.59 | 43.09 | 10.40 | 10.10 | 54.94 | -11.85 | Average |
| 2 | 0.170 | 30.90 | 51.40 | 10.40 | 10.10 | 64.94 | -13.54 | QP |
| 3 | 0.180 | 24.20 | 44.70 | 10.40 | 10.10 | 54.50 | -9.80 | Average |
| 4 | 0.180 | 30.30 | 50.80 | 10.40 | 10.10 | 64.50 | -13.70 | QP |
| 5 | 0.200 | 17.47 | 37.96 | 10.40 | 10.09 | 53.62 | -15.66 | Average |
| 6 | 0.200 | 24.45 | 44.94 | 10.40 | 10.09 | 63.62 | -18.68 | QP |
| 7 | 0.305 | 9.93 | 30.35 | 10.31 | 10.11 | 50.10 | -19.75 | Average |
| 8 | 0.305 | 18.35 | 38.77 | 10.31 | 10.11 | 60.10 | -21.33 | QP |
| 9 | 5.005 | 6.86 | 27.52 | 10.48 | 10.18 | 50.00 | -22.48 | Average |
| 10 | 5.005 | 9.76 | 30.42 | 10.48 | 10.18 | 60.00 | -29.58 | QP |
| 11 | 11.933 | 14.43 | 34.77 | 10.13 | 10.21 | 50.00 | -15.23 | Average |
| 12 | 11.933 | 22.80 | 43.14 | 10.13 | 10.21 | 60.00 | -16.86 | QP |



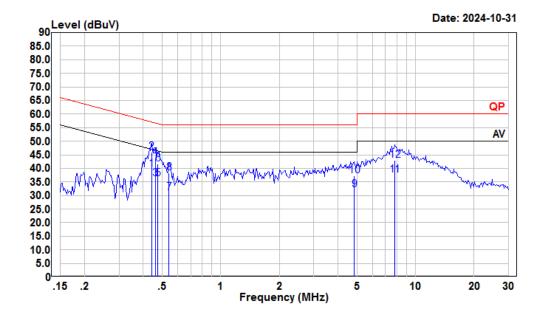
| Condition: | Neutral |
|------------|------------------------|
| Project : | 2401Y37315E-RF |
| tester : | Macy.shi |
| Note : | 2.4G WIFI Transmitting |

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|--------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.156 | 26.66 | 47.04 | 10.26 | 10.12 | 55.65 | -8.61 | Average |
| 2 | 0.156 | 30.56 | 50.94 | 10.26 | 10.12 | 65.65 | -14.71 | QP |
| 3 | 0.160 | 26.81 | 47.22 | 10.29 | 10.12 | 55.47 | -8.25 | Average |
| 4 | 0.160 | 32.13 | 52.54 | 10.29 | 10.12 | 65.47 | -12.93 | QP |
| 5 | 0.169 | 26.52 | 46.98 | 10.36 | 10.10 | 55.03 | -8.05 | Average |
| 6 | 0.169 | 31.14 | 51.60 | 10.36 | 10.10 | 65.03 | -13.43 | QP |
| 7 | 0.191 | 27.85 | 48.48 | 10.54 | 10.09 | 53.98 | -5.50 | Average |
| 8 | 0.191 | 31.58 | 52.21 | 10.54 | 10.09 | 63.98 | -11.77 | QP |
| 9 | 0.491 | 5.68 | 26.62 | 10.80 | 10.14 | 46.14 | -19.52 | Average |
| 10 | 0.491 | 15.27 | 36.21 | 10.80 | 10.14 | 56.14 | -19.93 | QP |
| 11 | 15.226 | 16.23 | 36.84 | 10.39 | 10.22 | 50.00 | -13.16 | Average |
| 12 | 15.226 | 21.45 | 42.06 | 10.39 | 10.22 | 60.00 | -17.94 | QP |



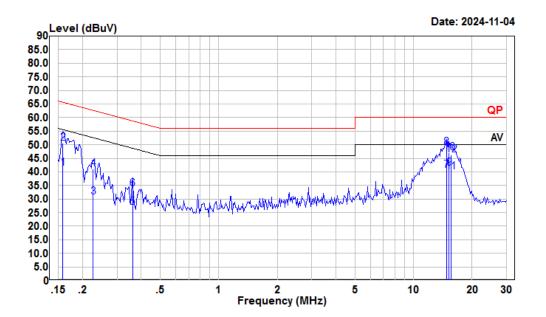
| Condition: | : | Line |
|------------|---|------------------------|
| Project : | | 2401Y37315E-RF |
| tester : | | Macy.shi |
| Note : | | 2.4G WIFI Transmitting |

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|-------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.215 | 7.78 | 28.25 | 10.38 | 10.09 | 53.01 | -24.76 | Average |
| 2 | 0.215 | 12.72 | 33.19 | 10.38 | 10.09 | 63.01 | -29.82 | QP |
| 3 | 0.437 | 18.09 | 38.43 | 10.23 | 10.11 | 47.11 | -8.68 | Average |
| 4 | 0.437 | 23.90 | 44.24 | 10.23 | 10.11 | 57.11 | -12.87 | QP |
| 5 | 0.452 | 16.90 | 37.24 | 10.22 | 10.12 | 46.85 | -9.61 | Average |
| 6 | 0.452 | 24.00 | 44.34 | 10.22 | 10.12 | 56.85 | -12.51 | QP |
| 7 | 0.513 | 10.39 | 30.75 | 10.22 | 10.14 | 46.00 | -15.25 | Average |
| 8 | 0.513 | 17.95 | 38.31 | 10.22 | 10.14 | 56.00 | -17.69 | QP |
| 9 | 4.746 | 9.85 | 30.50 | 10.46 | 10.19 | 46.00 | -15.50 | Average |
| 10 | 4.746 | 17.82 | 38.47 | 10.46 | 10.19 | 56.00 | -17.53 | QP |
| 11 | 7.977 | 16.64 | 37.22 | 10.38 | 10.20 | 50.00 | -12.78 | Average |
| 12 | 7.977 | 23.85 | 44.43 | 10.38 | 10.20 | 60.00 | -15.57 | QP |



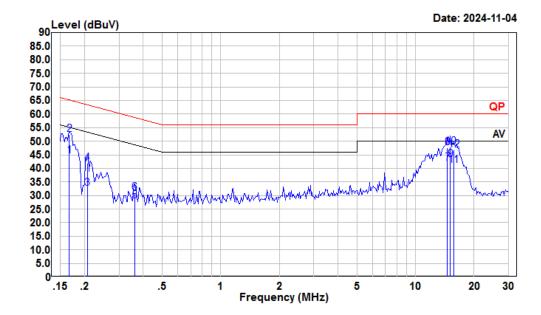
```
Condition: Neutral
Project : 2401Y37315E-RF
tester : Macy.shi
Note : 2.4G WIFI Transmitting
```

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|-------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.442 | 18.94 | 39.83 | 10.77 | 10.12 | 47.02 | -7.19 | Average |
| 2 | 0.442 | 25.19 | 46.08 | 10.77 | 10.12 | 57.02 | -10.94 | QP |
| 3 | 0.461 | 15.41 | 36.31 | 10.78 | 10.12 | 46.67 | -10.36 | Average |
| 4 | 0.461 | 22.81 | 43.71 | 10.78 | 10.12 | 56.67 | -12.96 | QP |
| 5 | 0.476 | 15.30 | 36.22 | 10.79 | 10.13 | 46.41 | -10.19 | Average |
| 6 | 0.476 | 20.80 | 41.72 | 10.79 | 10.13 | 56.41 | -14.69 | QP |
| 7 | 0.541 | 10.12 | 30.98 | 10.73 | 10.13 | 46.00 | -15.02 | Average |
| 8 | 0.541 | 17.58 | 38.44 | 10.73 | 10.13 | 56.00 | -17.56 | QP |
| 9 | 4.848 | 11.54 | 32.12 | 10.40 | 10.18 | 46.00 | -13.88 | Average |
| 10 | 4.848 | 16.64 | 37.22 | 10.40 | 10.18 | 56.00 | -18.78 | QP |
| 11 | 7.810 | 16.84 | 37.50 | 10.46 | 10.20 | 50.00 | -12.50 | Average |
| 12 | 7.810 | 22.41 | 43.07 | 10.46 | 10.20 | 60.00 | -16.93 | QP |



| Condition: | : | Line |
|------------|---|-------------------|
| Project : | | 2401Y37315E -RF |
| tester : | | Macy.shi |
| Note : | | 2.4G Transmitting |

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|--------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.158 | 20.83 | 41.35 | 10.40 | 10.12 | 55.56 | -14.21 | Average |
| 2 | 0.158 | 30.04 | 50.56 | 10.40 | 10.12 | 65.56 | -15.00 | QP |
| 3 | 0.227 | 10.35 | 30.80 | 10.37 | 10.08 | 52.57 | -21.77 | Average |
| 4 | 0.227 | 20.50 | 40.95 | 10.37 | 10.08 | 62.57 | -21.62 | QP |
| 5 | 0.361 | 6.53 | 26.92 | 10.27 | 10.12 | 48.69 | -21.77 | Average |
| 6 | 0.361 | 13.34 | 33.73 | 10.27 | 10.12 | 58.69 | -24.96 | QP |
| 7 | 14.750 | 20.07 | 40.58 | 10.29 | 10.22 | 50.00 | -9.42 | Average |
| 8 | 14.750 | 28.56 | 49.07 | 10.29 | 10.22 | 60.00 | -10.93 | QP |
| 9 | 15.226 | 20.69 | 41.23 | 10.32 | 10.22 | 50.00 | -8.77 | Average |
| 10 | 15.226 | 26.59 | 47.13 | 10.32 | 10.22 | 60.00 | -12.87 | QP |
| 11 | 15.552 | 19.29 | 39.85 | 10.35 | 10.21 | 50.00 | -10.15 | Average |
| 12 | 15.552 | 25.79 | 46.35 | 10.35 | 10.21 | 60.00 | -13.65 | QP |



```
Condition: Neutral
Project : 2401Y37315E -RF
tester : Macy.shi
Note : 2.4G Transmitting
```

| | Freq | Read Level | Level | LISN Factor | Cable Loss | Limit Line | Over Limit | Remark |
|----|--------|---------------|-------|----------------|---------------|---------------|---------------|---------|
| - | MHz | dBuV | dBuV | dB | dB | dBuV | dB | |
| 1 | 0.167 | 24.15 | 44.60 | 10.35 | 10.10 | 55.12 | -10.52 | Average |
| 2 | 0.167 | 32.17 | 52.62 | 10.35 | 10.10 | 65.12 | -12.50 | QP |
| 3 | 0.206 | 12.04 | 32.74 | 10.61 | 10.09 | 53.36 | -20.62 | Average |
| 4 | 0.206 | 21.23 | 41.93 | 10.61 | 10.09 | 63.36 | -21.43 | QP |
| 5 | 0.361 | 7.07 | 27.92 | 10.73 | 10.12 | 48.69 | -20.77 | Average |
| 6 | 0.361 | 10.09 | 30.94 | 10.73 | 10.12 | 58.69 | -27.75 | QP |
| 7 | 14.594 | 21.19 | 41.82 | 10.41 | 10.22 | 50.00 | -8.18 | Average |
| 8 | 14.594 | 26.89 | 47.52 | 10.41 | 10.22 | 60.00 | -12.48 | QP |
| 9 | 15.066 | 22.51 | 43.13 | 10.40 | 10.22 | 50.00 | -6.87 | Average |
| 10 | 15.066 | 27.23 | 47.85 | 10.40 | 10.22 | 60.00 | -12.15 | QP |
| 11 | 15.718 | 20.42 | 41.00 | 10.37 | 10.21 | 50.00 | -9.00 | Average |
| 12 | 15.718 | 26.22 | 46.80 | 10.37 | 10.21 | 60.00 | -13.20 | QP |

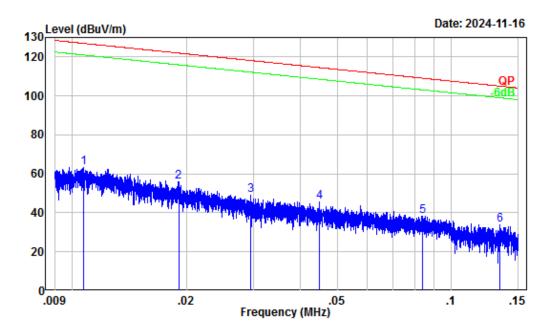
Spurious Emissions

Environmental Conditions

| Temperature (°C) | 22-24 | Relative Humidity (%) | 44-47 | | | | |
|---------------------|--|--|--------------------------------------|--|--|--|--|
| ATM Pressure (kPa): | 101 | Test engineer: | Anson Su, Carl Zhu, Zenos Qiao | | | | |
| Test date: | 2024.10.29-2024.11.16 | 2024.10.29-2024.11.16 | | | | | |
| EUT operation mode: | | Below 1GHz: Transmitting (Maximum output power mode, 802.11b Middle channel) Above 1GHz: Transmitting | | | | | |
| Note: | For 9kHz- 30MHz, only For above 18GHz, only | the worst case parallel w the worst case 802.11b 24 | as recorded. 137MHz was recorded. | | | | |

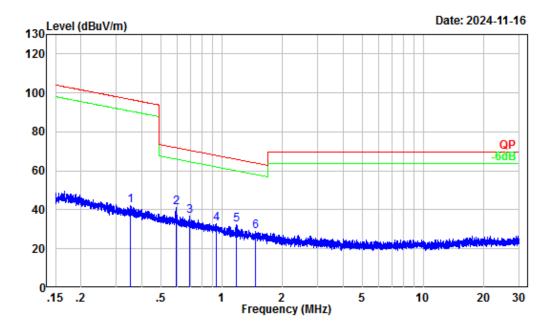
Below 1GHz:

For Model: H660



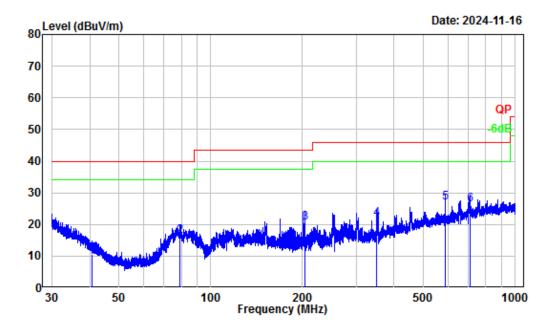
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |
| | |

| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.01 | 37.33 | 25.90 | 63.23 | 127.01 | -63.78 | Peak |
| 2 | 0.02 | 33.05 | 23.03 | 56.08 | 121.99 | -65.91 | Peak |
| 3 | 0.03 | 27.73 | 21.46 | 49.19 | 118.21 | -69.02 | Peak |
| 4 | 0.04 | 24.21 | 21.42 | 45.63 | 114.58 | -68.95 | Peak |
| 5 | 0.08 | 18.65 | 19.67 | 38.32 | 109.13 | -70.81 | Peak |
| 6 | 0.13 | 15.45 | 18.48 | 33.93 | 105.04 | -71.11 | Peak |



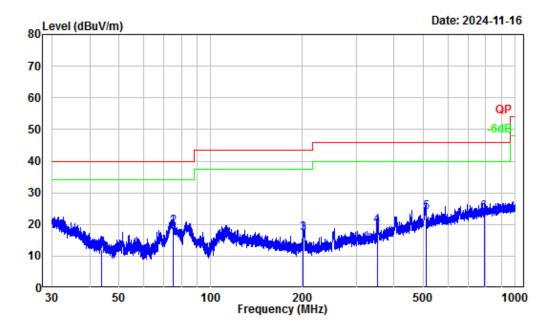
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| - | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.35 | 6.59 | 35.83 | 42.42 | 96.64 | -54.22 | Peak |
| 2 | 0.60 | 2.33 | 38.97 | 41.30 | 72.06 | -30.76 | Peak |
| 3 | 0.70 | 1.14 | 35.80 | 36.94 | 70.69 | -33.75 | Peak |
| 4 | 0.94 | -1.17 | 33.98 | 32.81 | 67.99 | -35.18 | Peak |
| 5 | 1.19 | -2.25 | 34.55 | 32.30 | 65.94 | -33.64 | Peak |
| 6 | 1.46 | -3.21 | 32.19 | 28.98 | 64.09 | -35.11 | Peak |



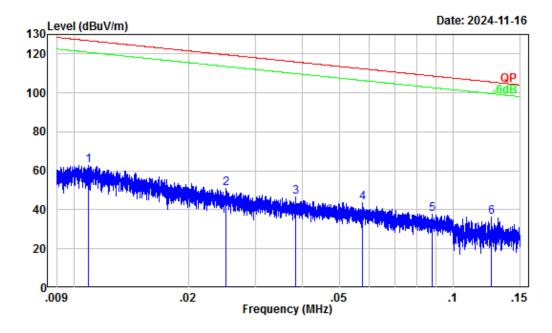
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Horizontal |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 40.72 | -12.87 | 23.53 | 10.66 | 40.00 | -29.34 | QP |
| 2 | 79.35 | -17.90 | 34.15 | 16.25 | 40.00 | -23.75 | QP |
| 3 | 203.61 | -13.33 | 33.90 | 20.57 | 43.50 | -22.93 | QP |
| 4 | 351.09 | -10.13 | 31.86 | 21.73 | 46.00 | -24.27 | QP |
| 5 | 589.94 | -5.27 | 32.06 | 26.79 | 46.00 | -19.21 | QP |
| 6 | 711.36 | -3.38 | 29.75 | 26.37 | 46.00 | -19.63 | QP |



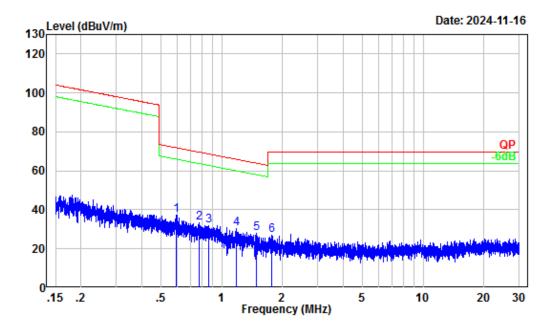
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Vertical |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | Level | | | Remark |
|---|--------|--------|-------|--------|--------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 43.83 | -15.07 | 27.22 | 12.15 | 40.00 | -27.85 | QP |
| 2 | 75.22 | -17.83 | 37.27 | 19.44 | 40.00 | -20.56 | QP |
| 3 | 200.86 | -13.13 | 30.39 | 17.26 | 43.50 | -26.24 | QP |
| 4 | | -10.12 | 29.74 | 19.62 | 46.00 | -26.38 | QP |
| 5 | 508.26 | -5.77 | 29.64 | 23.87 | 46.00 | -22.13 | QP |
| 6 | | -2.26 | 26.12 | 23.86 | 46.00 | -22.14 | QP |



| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

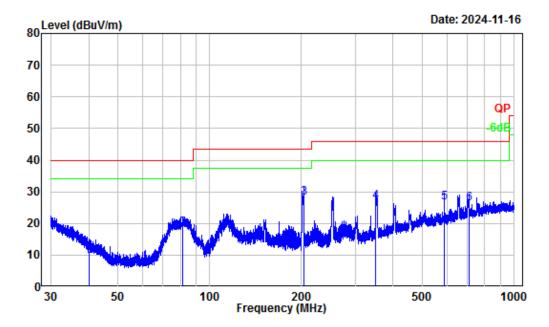
| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.01 | 37.23 | 25.59 | 62.82 | 126.85 | -64.03 | Peak |
| 2 | 0.03 | 29.96 | 21.22 | 51.18 | 119.59 | -68.41 | Peak |
| 3 | 0.04 | 25.62 | 20.92 | 46.54 | 115.91 | -69.37 | Peak |
| 4 | 0.06 | 22.03 | 21.60 | 43.63 | 112.38 | -68.75 | Peak |
| 5 | 0.09 | 18.27 | 19.61 | 37.88 | 108.75 | -70.87 | Peak |
| 6 | 0.13 | 15.83 | 20.61 | 36.44 | 105.59 | -69.15 | Peak |



| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

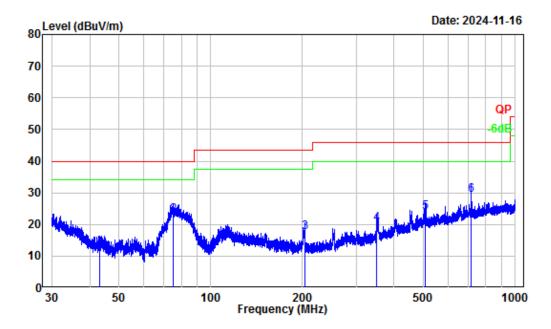
| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.59 | 2.37 | 35.06 | 37.43 | 72.12 | -34.69 | Peak |
| 2 | 0.77 | 0.24 | 33.12 | 33.36 | 69.78 | -36.42 | Peak |
| 3 | 0.86 | -0.56 | 32.68 | 32.12 | 68.81 | -36.69 | Peak |
| 4 | 1.18 | -2.23 | 32.50 | 30.27 | 65.98 | -35.71 | Peak |
| 5 | 1.49 | -3.28 | 31.20 | 27.92 | 63.96 | -36.04 | Peak |
| 6 | 1.77 | -4.26 | 31.25 | 26.99 | 69.54 | -42.55 | Peak |

TR-EM-RF004



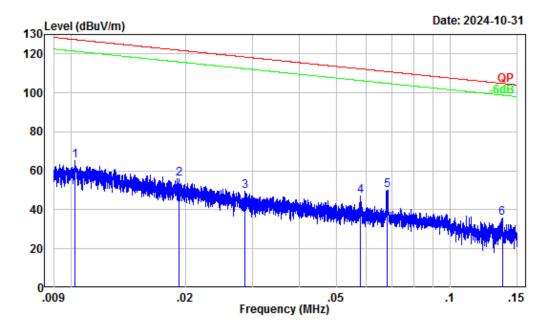
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Horizontal |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| - | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 40.19 | -12.50 | 23.71 | 11.21 | 40.00 | -28.79 | QP |
| 2 | 81.64 | -17.99 | 36.55 | 18.56 | 40.00 | -21.44 | QP |
| 3 | 203.43 | -13.32 | 41.44 | 28.12 | 43.50 | -15.38 | QP |
| 4 | 351.40 | -10.12 | 36.92 | 26.80 | 46.00 | -19.20 | QP |
| 5 | 590.20 | -5.26 | 31.88 | 26.62 | 46.00 | -19.38 | QP |
| 6 | 711.36 | -3.38 | 29.73 | 26.35 | 46.00 | -19.65 | QP |



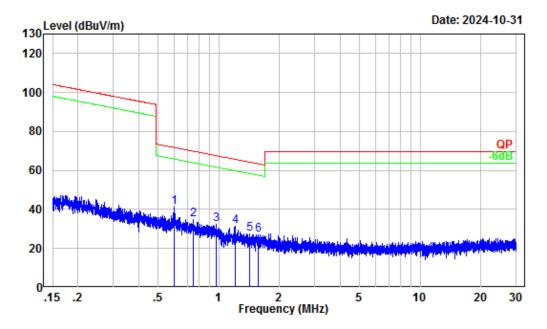
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Vertical |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 43.14 | -14.67 | 26.96 | 12.29 | 40.00 | -27.71 | QP |
| 2 | 75.35 | -17.83 | 40.68 | 22.85 | 40.00 | -17.15 | QP |
| 3 | 203.17 | -13.30 | 30.71 | 17.41 | 43.50 | -26.09 | QP |
| 4 | 351.40 | -10.12 | 30.20 | 20.08 | 46.00 | -25.92 | QP |
| 5 | 507.81 | -5.77 | 29.71 | 23.94 | 46.00 | -22.06 | QP |
| 6 | 717.94 | -3.25 | 32.65 | 29.40 | 46.00 | -16.60 | QP |



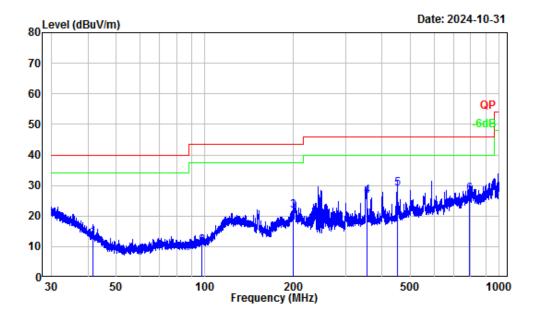
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | Зm |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| - | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.01 | 37.57 | 27.90 | 65.47 | 127.40 | -61.93 | Peak |
| 2 | 0.02 | 32.95 | 22.97 | 55.92 | 121.90 | -65.98 | Peak |
| 3 | 0.03 | 28.12 | 21.40 | 49.52 | 118.43 | -68.91 | Peak |
| 4 | 0.06 | 22.01 | 25.33 | 47.34 | 112.36 | -65.02 | Peak |
| 5 | 0.07 | 20.63 | 29.56 | 50.19 | 110.94 | -60.75 | Peak |
| 6 | 0.14 | 15.33 | 20.42 | 35.75 | 104.88 | -69.13 | Peak |



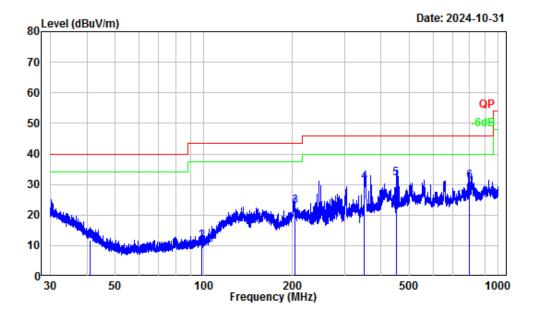
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | Зm |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |
| | |

| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.60 | 2.28 | 38.70 | 40.98 | 72.00 | -31.02 | Peak |
| 2 | 0.75 | 0.53 | 34.14 | 34.67 | 70.07 | -35.40 | Peak |
| 3 | 0.97 | -1.36 | 33.87 | 32.51 | 67.76 | -35.25 | Peak |
| 4 | 1.20 | -2.30 | 33.87 | 31.57 | 65.82 | -34.25 | Peak |
| 5 | 1.43 | -3.08 | 30.70 | 27.62 | 64.30 | -36.68 | Peak |
| 6 | 1.58 | -3.61 | 30.81 | 27.20 | 63.42 | -36.22 | Peak |



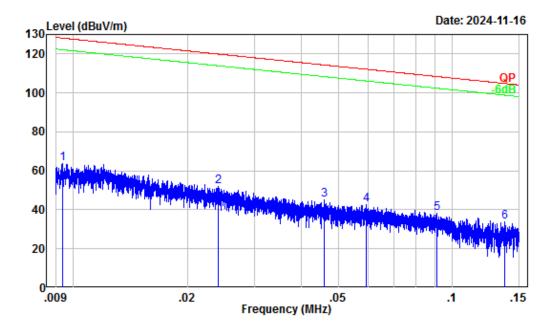
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Horizontal |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 41.60 | -13.55 | 26.66 | 13.11 | 40.00 | -26.89 | QP |
| 2 | 97.54 | -16.65 | 26.86 | 10.21 | 43.50 | -33.29 | QP |
| 3 | 200.07 | -13.07 | 34.94 | 21.87 | 43.50 | -21.63 | QP |
| 4 | 356.05 | -10.00 | 36.68 | 26.68 | 46.00 | -19.32 | QP |
| 5 | 450.54 | -7.51 | 36.38 | 28.87 | 46.00 | -17.13 | QP |
| 6 | 791.31 | -2.25 | 29.28 | 27.03 | 46.00 | -18.97 | QP |



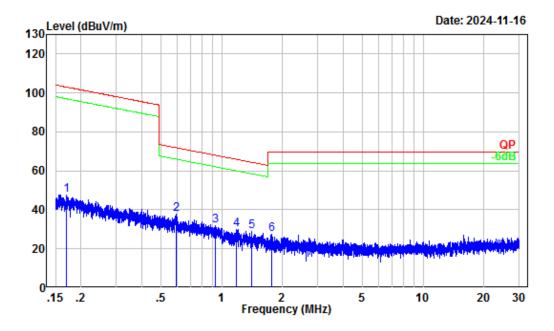
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Vertical |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 41.10 | -13.16 | 25.06 | 11.90 | 40.00 | -28.10 | QP |
| 2 | 98.31 | -16.41 | 28.01 | 11.60 | 43.50 | -31.90 | QP |
| 3 | 203.52 | -13.33 | 36.26 | 22.93 | 43.50 | -20.57 | QP |
| 4 | 351.09 | -10.13 | 40.96 | 30.83 | 46.00 | -15.17 | QP |
| 5 | 449.36 | -7.54 | 39.44 | 31.90 | 46.00 | -14.10 | QP |
| 6 | 797.93 | -2.18 | 33.19 | 31.01 | 46.00 | -14.99 | QP |



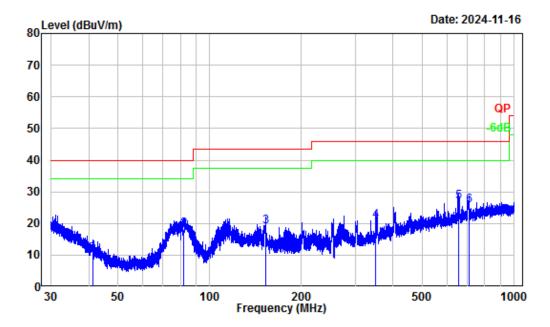
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.01 | 38.19 | 25.62 | 63.81 | 128.17 | -64.36 | Peak |
| 2 | 0.02 | 30.50 | 21.31 | 51.81 | 119.97 | -68.16 | Peak |
| 3 | 0.05 | 23.96 | 21.02 | 44.98 | 114.36 | -69.38 | Peak |
| 4 | 0.06 | 21.84 | 20.66 | 42.50 | 112.17 | -69.67 | Peak |
| 5 | 0.09 | 17.95 | 20.17 | 38.12 | 108.44 | -70.32 | Peak |
| 6 | 0.14 | 15.30 | 18.55 | 33.85 | 104.84 | -70.99 | Peak |



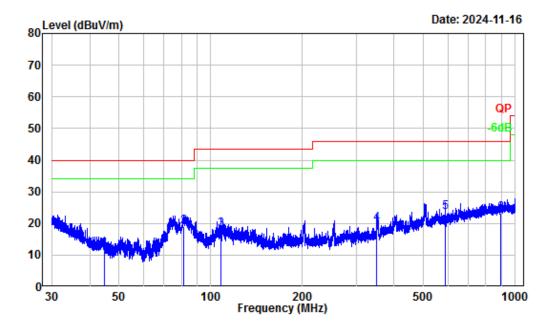
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| - | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.17 | 13.79 | 34.02 | 47.81 | 103.00 | -55.19 | Peak |
| 2 | 0.59 | 2.37 | 35.61 | 37.98 | 72.12 | -34.14 | Peak |
| 3 | 0.93 | -1.07 | 33.00 | 31.93 | 68.12 | -36.19 | Peak |
| 4 | 1.19 | -2.25 | 32.12 | 29.87 | 65.94 | -36.07 | Peak |
| 5 | 1.41 | -3.01 | 31.72 | 28.71 | 64.44 | -35.73 | Peak |
| 6 | 1.78 | -4.30 | 31.77 | 27.47 | 69.54 | -42.07 | Peak |



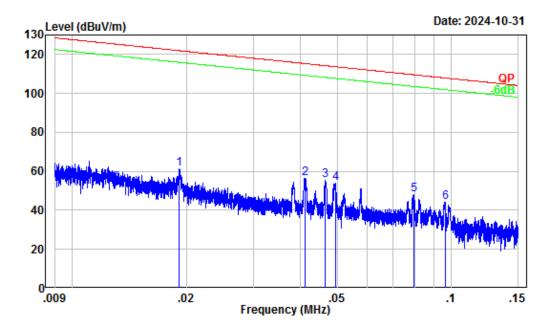
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Horizontal |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | Level | | | Remark |
|---|--------|--------|-------|--------|--------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 41.42 | -13.41 | 24.19 | 10.78 | 40.00 | -29.22 | QP |
| 2 | 82.00 | -18.00 | 36.21 | 18.21 | 40.00 | -21.79 | QP |
| 3 | 152.53 | -12.55 | 31.43 | 18.88 | 43.50 | -24.62 | QP |
| 4 | 350.94 | -10.14 | 30.86 | 20.72 | 46.00 | -25.28 | QP |
| 5 | 656.82 | -4.00 | 30.86 | 26.86 | 46.00 | -19.14 | QP |
| 6 | 711.99 | -3.37 | 29.00 | 25.63 | 46.00 | -20.37 | QP |



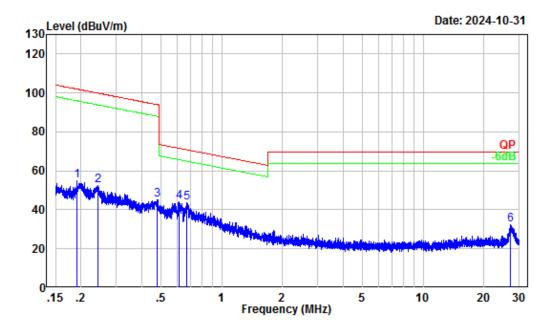
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Vertical |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 44.67 | -15.65 | 27.47 | 11.82 | 40.00 | -28.18 | QP |
| 2 | 81.53 | -17.99 | 36.98 | 18.99 | 40.00 | -21.01 | QP |
| 3 | 108.12 | -13.59 | 31.81 | 18.22 | 43.50 | -25.28 | QP |
| 4 | | -10.12 | 30.13 | 20.01 | 46.00 | -25.99 | QP |
| 5 | 589.94 | -5.27 | 28.94 | 23.67 | 46.00 | -22.33 | QP |
| 6 | 893.07 | -1.35 | 24.71 | 23.36 | 46.00 | -22.64 | QP |



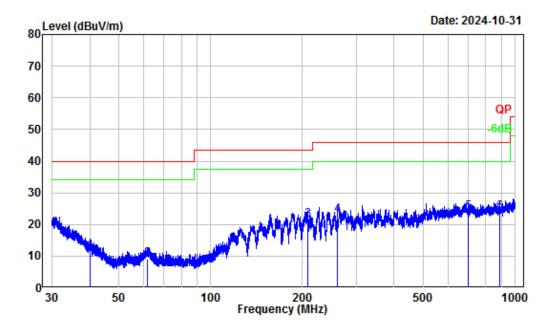
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | Зm |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|--------|------|----------------|-------|-------|---------------|--------|--------|
| - | | dB/m 33.03 | | | | | Book |
| 2 | | 25.03 | | | | | |
| 3 | 0.05 | 23.85 | 31.52 | 55.37 | 114.26 | -58.89 | Peak |
| 4 | 0.05 | 23.20 | 31.00 | 54.20 | 113.73 | -59.53 | Peak |
| 5 6 | | 19.08 17.43 | | | | | |
| | 0.10 | | | | | | |



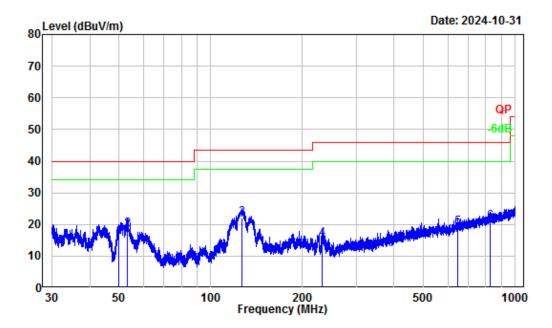
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | Зm |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|-------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.19 | 12.76 | 42.03 | 54.79 | 101.94 | -47.15 | Peak |
| 2 | 0.24 | 10.37 | 42.16 | 52.53 | 99.88 | -47.35 | Peak |
| 3 | 0.48 | 3.99 | 41.11 | 45.10 | 94.05 | -48.95 | Peak |
| 4 | 0.62 | 2.09 | 41.86 | 43.95 | 71.77 | -27.82 | Peak |
| 5 | 0.67 | 1.44 | 42.23 | 43.67 | 71.02 | -27.35 | Peak |
| 6 | 27.18 | -4.83 | 37.44 | 32.61 | 69.54 | -36.93 | Peak |



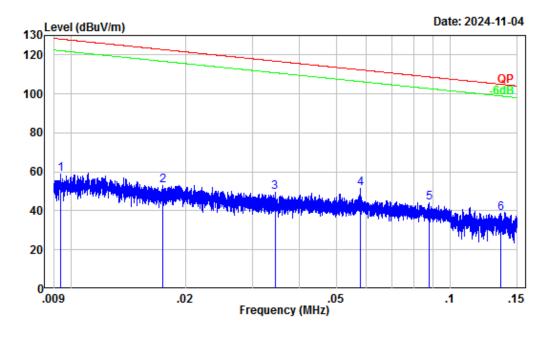
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Horizontal |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 40.08 | -13.26 | 24.75 | 11.49 | 40.00 | -28.51 | QP |
| 2 | 61.83 | -18.84 | 27.99 | 9.15 | 40.00 | -30.85 | QP |
| 3 | 208.03 | -13.58 | 34.92 | 21.34 | 43.50 | -22.16 | QP |
| 4 | 260.03 | -14.44 | 37.52 | 23.08 | 46.00 | -22.92 | QP |
| 5 | 699.00 | -6.61 | 30.53 | 23.92 | 46.00 | -22.08 | QP |
| 6 | 889.95 | -3.77 | 27.73 | 23.96 | 46.00 | -22.04 | QP |



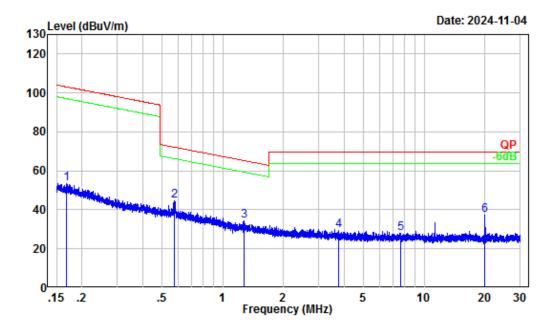
| Site : | Chamber A |
|-----------------|------------------------|
| Condition : | 3m Vertical |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | 2.4G WIFI Transmitting |
| Tester : | Anson Su |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 49.97 | -18.73 | 34.76 | 16.03 | 40.00 | -23.97 | QP |
| 2 | 53.32 | -19.11 | 37.50 | 18.39 | 40.00 | -21.61 | QP |
| 3 | 126.27 | -12.30 | 34.35 | 22.05 | 43.50 | -21.45 | QP |
| 4 | 232.53 | -14.57 | 30.09 | 15.52 | 46.00 | -30.48 | QP |
| 5 | 645.40 | -7.21 | 26.27 | 19.06 | 46.00 | -26.94 | QP |
| 6 | 824.60 | -4.62 | 25.56 | 20.94 | 46.00 | -25.06 | QP |



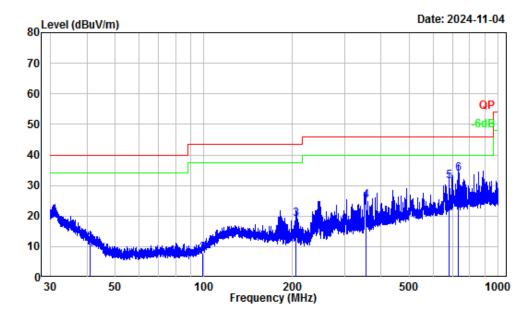
| Site : | Chamber A |
|-----------------|----------------|
| Condition : | Зm |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | Transmitting |
| Tester : | Carl Zhu |
| | |

| | Freq | Factor | | | Limit Line | | Remark |
|---|------|--------|-------|--------|---------------|--------|--------|
| - | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.01 | 32.42 | 26.34 | 58.76 | 128.16 | -69.40 | Peak |
| 2 | 0.02 | 30.89 | 22.03 | 52.92 | 122.78 | -69.86 | Peak |
| 3 | 0.03 | 28.03 | 21.35 | 49.38 | 116.85 | -67.47 | Peak |
| 4 | 0.06 | 25.60 | 25.73 | 51.33 | 112.34 | -61.01 | Peak |
| 5 | 0.09 | 22.86 | 21.14 | 44.00 | 108.74 | -64.74 | Peak |
| 6 | 0.14 | 19.89 | 19.09 | 38.98 | 104.95 | -65.97 | Peak |



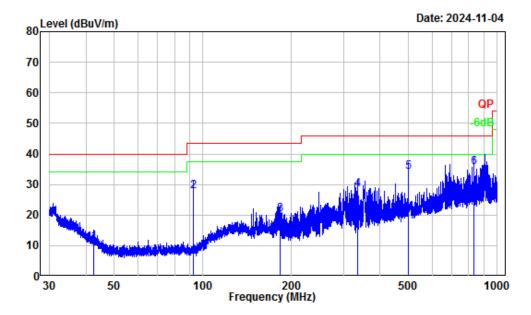
| Site : | Chamber A |
|-----------------|----------------|
| Condition : | Зm |
| Project Number: | 2401Y37315E-RF |
| Test Mode : | Transmitting |
| Tester : | Carl Zhu |

| | Freq | Factor | | | Limit Line | | Remark |
|---|-------|--------|-------|--------|---------------|--------|--------|
| - | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 0.17 | 17.96 | 35.52 | 53.48 | 103.08 | -49.60 | Peak |
| 2 | 0.58 | 5.43 | 39.13 | 44.56 | 72.32 | -27.76 | Peak |
| 3 | 1.28 | 0.41 | 34.00 | 34.41 | 65.26 | -30.85 | Peak |
| 4 | 3.75 | -2.56 | 32.03 | 29.47 | 69.54 | -40.07 | Peak |
| 5 | 7.66 | -2.98 | 30.88 | 27.90 | 69.54 | -41.64 | Peak |
| 6 | 20.07 | -3.10 | 40.25 | 37.15 | 69.54 | -32.39 | Peak |



| Site | : | Chamber A |
|----------------|---|----------------|
| Condition | : | 3m Horizontal |
| Project Number | : | 2401Y37315E-RF |
| Test Mode | : | Transmitting |
| Tester | : | Carl Zhu |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 41.11 | -13.16 | 24.33 | 11.17 | 40.00 | -28.83 | QP |
| 2 | 99.09 | -16.17 | 24.10 | 7.93 | 43.50 | -35.57 | QP |
| 3 | 205.13 | -13.46 | 32.46 | 19.00 | 43.50 | -24.50 | QP |
| 4 | 355.74 | -10.01 | 35.21 | 25.20 | 46.00 | -20.80 | QP |
| 5 | 681.75 | -3.69 | 35.07 | 31.38 | 46.00 | -14.62 | QP |
| 6 | 731.60 | -3.10 | 36.92 | 33.82 | 46.00 | -12.18 | QP |



| Site | : | Chamber A |
|----------------|---|----------------|
| Condition | : | 3m Vertical |
| Project Number | : | 2401Y37315E-RF |
| Test Mode | : | Transmitting |
| Tester | : | Carl Zhu |

| | Freq | Factor | | | Limit Line | | Remark |
|---|--------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 42.54 | -14.26 | 25.45 | 11.19 | 40.00 | -28.81 | QP |
| 2 | 92.46 | -17.76 | 45.44 | 27.68 | 43.50 | -15.82 | QP |
| 3 | 182.56 | -13.87 | 34.12 | 20.25 | 43.50 | -23.25 | QP |
| 4 | 336.04 | -10.50 | 39.00 | 28.50 | 46.00 | -17.50 | QP |
| 5 | 500.08 | -5.76 | 39.93 | 34.17 | 46.00 | -11.83 | QP |
| 6 | 832.59 | -1.88 | 37.63 | 35.75 | 46.00 | -10.25 | QP |

Report No.: 2401Y37315E-RF-00A

| F | Rece | eiver | D I | | Corrected | T • •/ | M | | | | |
|--------------------|-------------------|--------|----------------|------------------|-----------------------|-------------------|----------------|--|--|--|--|
| Frequency (MHz) | Reading (dBµV) | PK/Ave | Polar (H/V) | Factor (dB/m) | Amplitude (dBµV/m) | Limit (dBµV/m) | Margin (dB) | | | | |
| | 802.11b | | | | | | | | | | |
| | | | Low C | Channel | | | | | | | |
| 4824 | 49.59 | РК | Н | 2.45 | 52.04 | 74 | -21.96 | | | | |
| 4824 | 48.41 | РК | V | 2.45 | 50.86 | 74 | -23.14 | | | | |
| | | | Middle | Channel | | | | | | | |
| 4874 | 50.17 | РК | Н | 2.56 | 52.73 | 74 | -21.27 | | | | |
| 4874 | 49.02 | РК | V | 2.56 | 51.58 | 74 | -22.42 | | | | |
| | | • | High C | Channel | | | | | | | |
| 4924 | 49.72 | РК | Н | 2.63 | 52.35 | 74 | -21.65 | | | | |
| 4924 | 48.63 | РК | V | 2.63 | 51.26 | 74 | -22.74 | | | | |
| | | | 802 | .11g | ÷ | | | | | | |
| | | | Low C | Channel | | | | | | | |
| 4824 | 47.08 | РК | Н | 2.45 | 49.53 | 74 | -24.47 | | | | |
| 4824 | 46.76 | РК | V | 2.45 | 49.21 | 74 | -24.79 | | | | |
| | | | Middle | Channel | | | | | | | |
| 4874 | 46.94 | РК | Н | 2.56 | 49.5 | 74 | -24.5 | | | | |
| 4874 | 46.6 | РК | V | 2.56 | 49.16 | 74 | -24.84 | | | | |
| | | | High C | Channel | | ·] | | | | | |
| 4924 | 47.29 | РК | Н | 2.63 | 49.92 | 74 | -24.08 | | | | |
| 4924 | 46.87 | РК | V | 2.63 | 49.5 | 74 | -24.5 | | | | |

Above 1GHz: Worst Case is Model H1500

Bay Area Compliance Laboratories Corp. (Shenzhen)

Report No.: 2401Y37315E-RF-00A

| Б | Receiver | | n i | E (| Corrected | T • •/ | |
|--------------------|-------------------|--------|----------------|------------------|-----------------------|-------------------|----------------|
| Frequency (MHz) | Reading (dBµV) | PK/Ave | Polar (H/V) | Factor (dB/m) | Amplitude (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
| | | · · | 802. | 11n20 | | | |
| | | | Low C | Channel | | | |
| 4824 | 46.95 | РК | Н | 2.45 | 49.4 | 74 | -24.6 |
| 4824 | 46.52 | РК | V | 2.45 | 48.97 | 74 | -25.03 |
| | | | Middle | Channel | | | |
| 4874 | 46.78 | РК | Н | 2.56 | 49.34 | 74 | -24.66 |
| 4874 | 46.46 | РК | V | 2.56 | 49.02 | 74 | -24.98 |
| | | · | High (| Channel | | | |
| 4924 | 47.14 | РК | Н | 2.63 | 49.77 | 74 | -24.23 |
| 4924 | 46.83 | РК | V | 2.63 | 49.46 | 74 | -24.54 |
| | | | 802. | 11n40 | | | |
| | | | Low C | Channel | | | |
| 4844 | 46.83 | РК | Н | 2.45 | 49.28 | 74 | -24.72 |
| 4844 | 46.49 | РК | V | 2.45 | 48.94 | 74 | -25.06 |
| | | · | Middle | Channel | | | |
| 4874 | 46.71 | РК | Н | 2.56 | 49.27 | 74 | -24.73 |
| 4874 | 46.37 | РК | V | 2.56 | 48.93 | 74 | -25.07 |
| | | | High (| Channel | | | |
| 4904 | 47.05 | РК | Н | 2.64 | 49.69 | 74 | -24.31 |
| 4904 | 46.72 | РК | V | 2.64 | 49.36 | 74 | -24.64 |

Note:

Corrected Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor

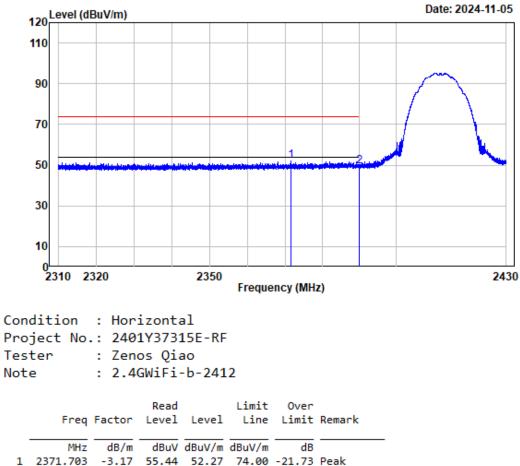
Corrected Amplitude = Corrected Factor + Reading

Margin = Corrected. Amplitude - Limit

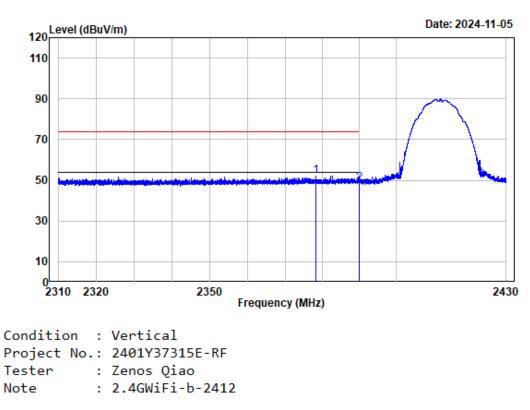
The other spurious emission which is in the noise floor level was not recorded.

The test result of peak was less than the limit of average, so just peak values were recorded.

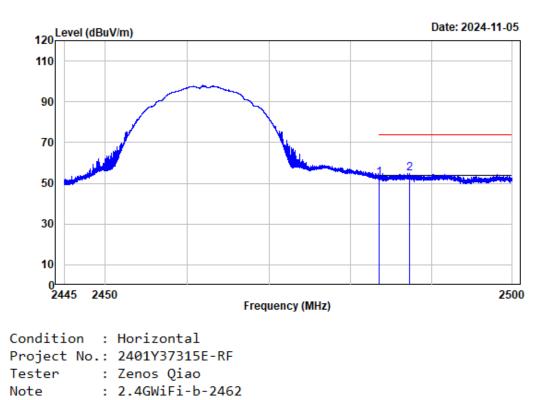
Test plots



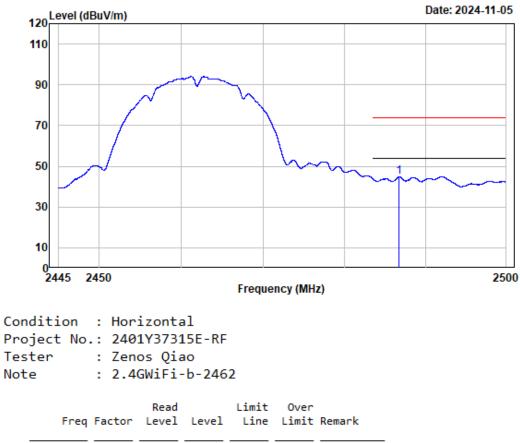
| 1 | 23/1./03 | -3.1/ | 55.44 | 52.27 | 74.00 | -21./3 | Реак |
|---|----------|-------|-------|-------|-------|--------|------|
| 2 | 2390.000 | -3.20 | 52.73 | 49.53 | 74.00 | -24.47 | Peak |



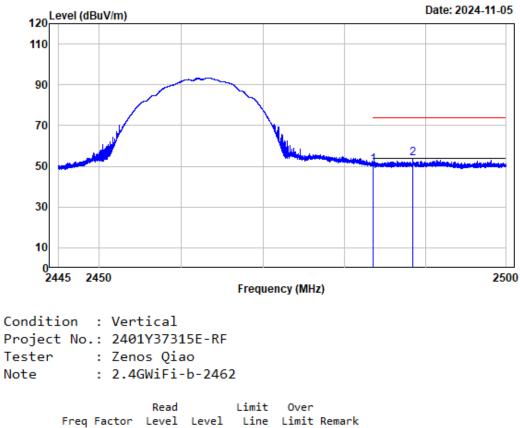
| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2378.379 | -3.19 | 55.33 | 52.14 | 74.00 | -21.86 | Peak |
| 2 | 2390.000 | -3.20 | 51.62 | 48.42 | 74.00 | -25.58 | Peak |



| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|--------|------------|---------------|--------|--------|
| | MHz | dB/m | dBuild | d Duill /m | JD. Atla | | |
| | 1012 | ub/m | ubuv | ubuv/m | abuv/m | ab | |
| 1 | 2483.500 | | | | | | Peak |
| | | -3.17 | 55.80 | 52.63 | 74.00 | -21.37 | |

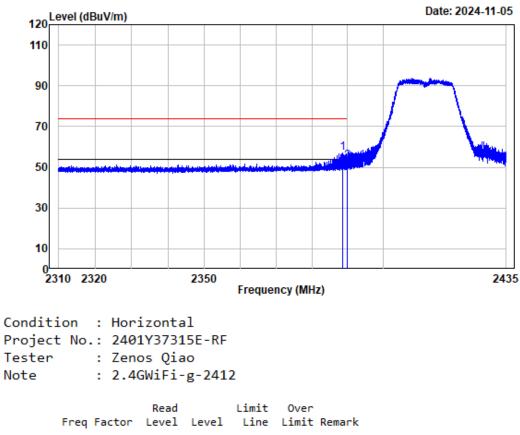


| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB |
|---|----------|-------|-------|--------|--------|---------------|
| 1 | 2486.764 | -3.17 | 48.05 | 44.88 | 54.00 | -9.12 Average |

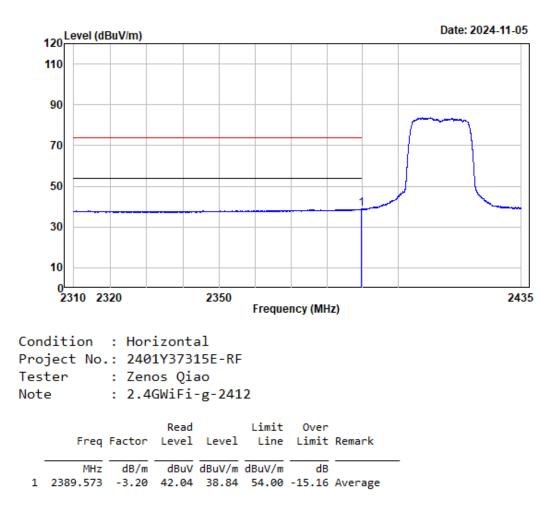


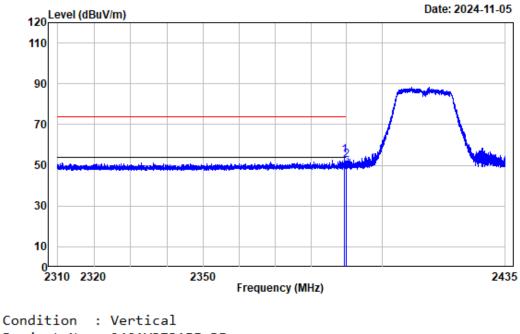
| | - | | | | | | |
|---|----------|-------|-------|--------|--------|--------|------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 53.74 | 50.57 | 74.00 | -23.43 | Peak |
| 2 | 2488.442 | -3.18 | 57.18 | 54.00 | 74.00 | -20.00 | Peak |





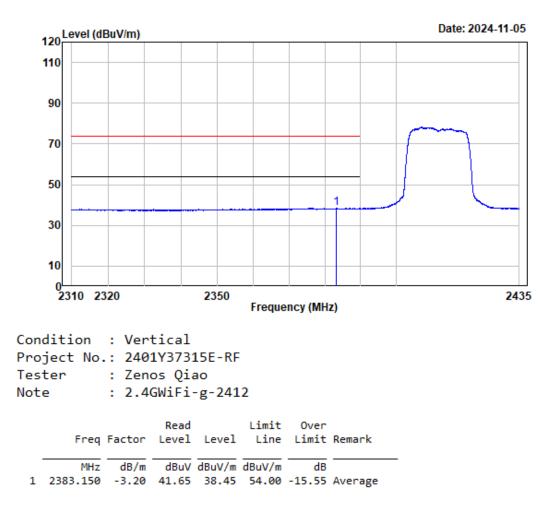
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
|---|----------|-------|-------|--------|--------|--------|------|
| 1 | 2388.525 | -3.20 | 60.32 | 57.12 | 74.00 | -16.88 | Peak |
| 2 | 2390.000 | -3.20 | 56.20 | 53.00 | 74.00 | -21.00 | Peak |

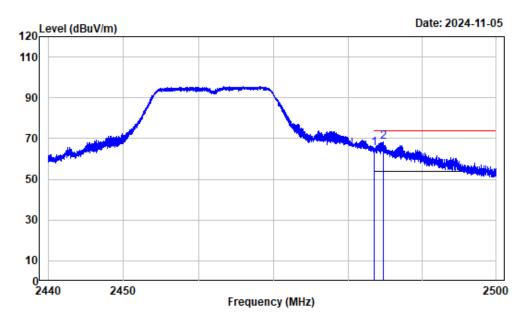




```
Condition : Vertical
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-g-2412
```

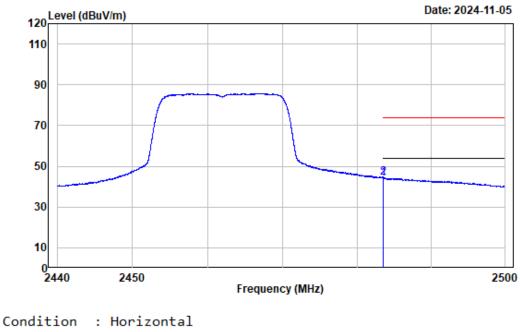
| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2389.416 | -3.20 | 57.94 | 54.74 | 74.00 | -19.26 | Peak |
| 2 | 2390.000 | -3.20 | 55.83 | 52.63 | 74.00 | -21.37 | Peak |





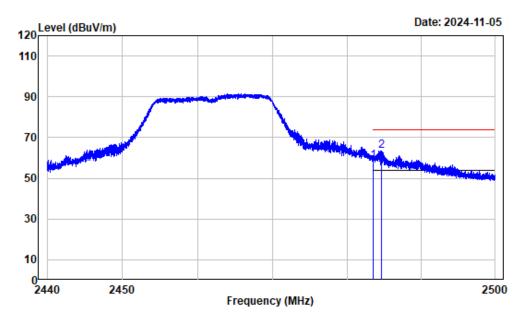
```
Condition : Horizontal
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-g-2462
```

| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|-------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 68.24 | 65.07 | 74.00 | -8.93 | Peak |
| 2 | 2484.731 | -3.17 | 71.49 | 68.32 | 74.00 | -5.68 | Peak |



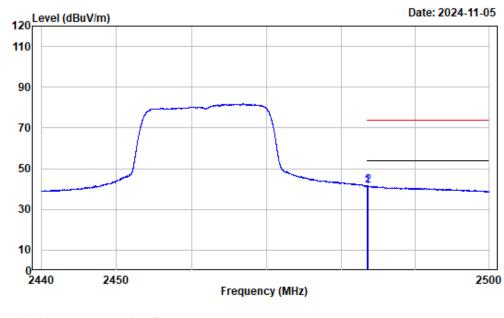
```
Condition : Horizontal
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-g-2462
```

| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|-------|---------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 47.31 | 44.14 | 54.00 | -9.86 | Average |
| 2 | 2483.529 | -3.17 | 47.65 | 44.48 | 54.00 | -9.52 | Average |



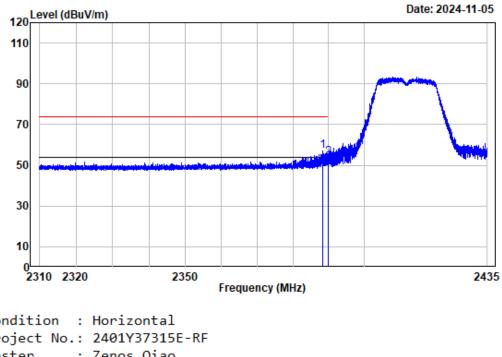
```
Condition : Vertical
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-g-2462
```

| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 61.52 | 58.35 | 74.00 | -15.65 | Peak |
| 2 | 2484.577 | -3.17 | 66.51 | 63.34 | 74.00 | -10.66 | Peak |



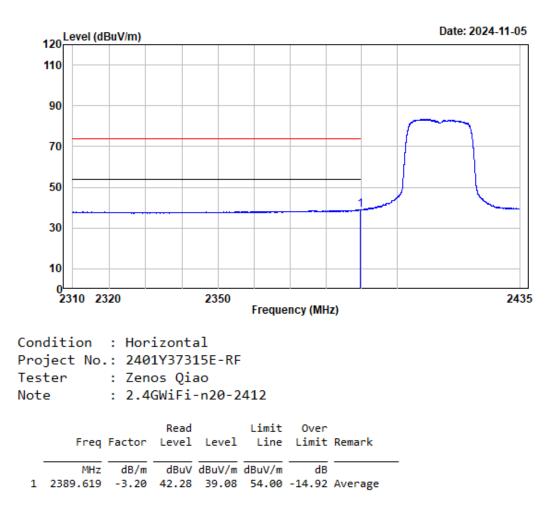
```
Condition : Vertical
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-g-2462
```

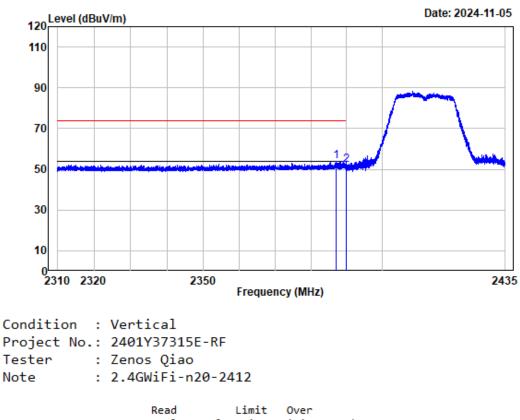
| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|---------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 44.37 | 41.20 | 54.00 | -12.80 | Average |
| 2 | 2483.675 | -3.17 | 44.62 | 41.45 | 54.00 | -12.55 | Average |



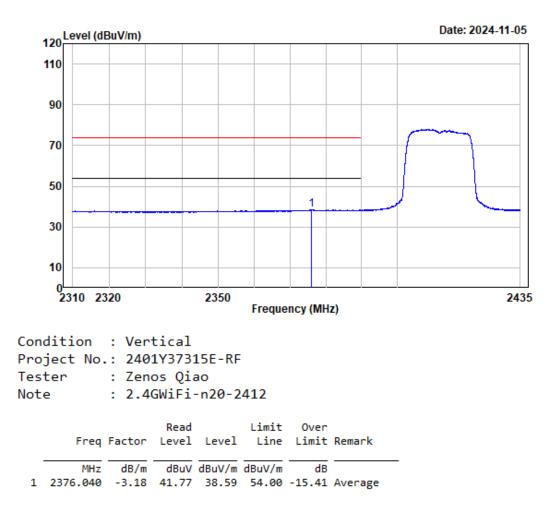
| Condition : | Horizontal |
|--------------|-------------------|
| Project No.: | 2401Y37315E-RF |
| Tester : | Zenos Qiao |
| Note : | 2.4GWiFi-n20-2412 |

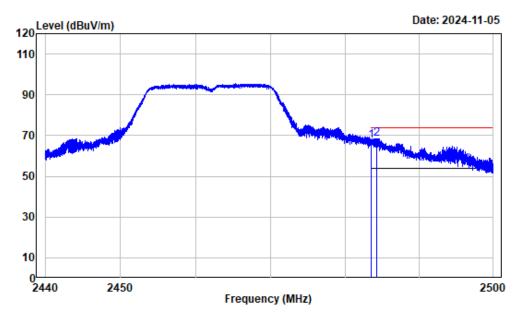
| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2388.229 | -3.20 | 60.12 | 56.92 | 74.00 | -17.08 | Peak |
| 2 | 2390.000 | -3.20 | 57.16 | 53.96 | 74.00 | -20.04 | Peak |





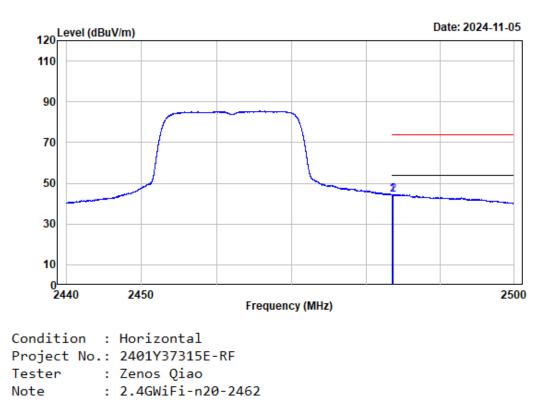
| | Freq | Factor | Level | Level | Line | Limit | Remark |
|---|----------|--------|-------|--------|--------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2387.150 | -3.19 | 57.21 | 54.02 | 74.00 | -19.98 | Peak |
| 2 | 2390.000 | -3.20 | 55.14 | 51.94 | 74.00 | -22.06 | Peak |



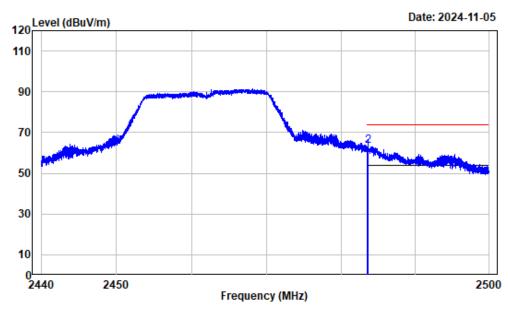


```
Condition : Horizontal
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-n20-2462
```

| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|-------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 70.59 | 67.42 | 74.00 | -6.58 | Peak |
| 2 | 2484.210 | -3.17 | 71.75 | 68.58 | 74.00 | -5.42 | Peak |

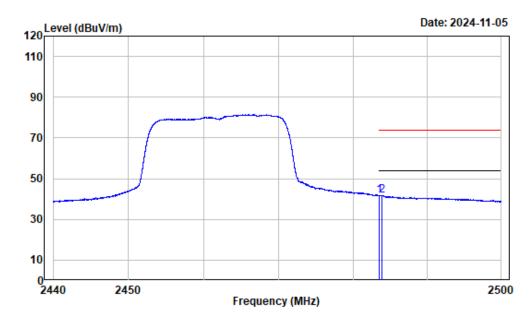


| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|-------|---------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 47.45 | 44.28 | 54.00 | -9.72 | Average |
| 2 | 2483.618 | -3.17 | 47.67 | 44.50 | 54.00 | -9.50 | Average |



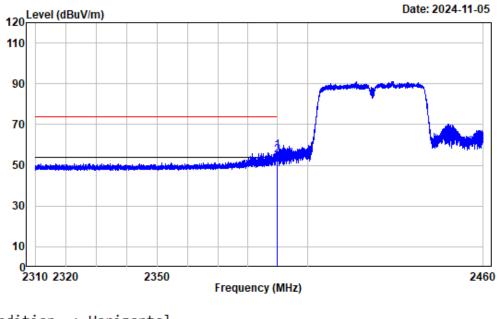
```
Condition : Vertical
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-n20-2462
```

| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 64.28 | 61.11 | 74.00 | -12.89 | Peak |
| 2 | 2483.603 | -3.17 | 66.61 | 63.44 | 74.00 | -10.56 | Peak |



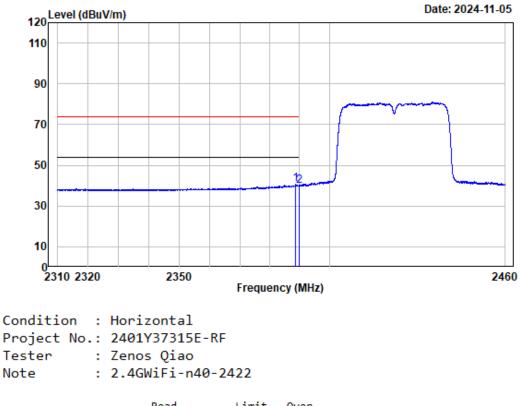
```
Condition : Vertical
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-n20-2462
```

| | Freq | Factor | | Level | | | Remark |
|---|----------|--------|-------|--------|--------|--------|---------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 44.94 | 41.77 | 54.00 | -12.23 | Average |
| 2 | 2483.835 | -3.17 | 45.04 | 41.87 | 54.00 | -12.13 | Average |

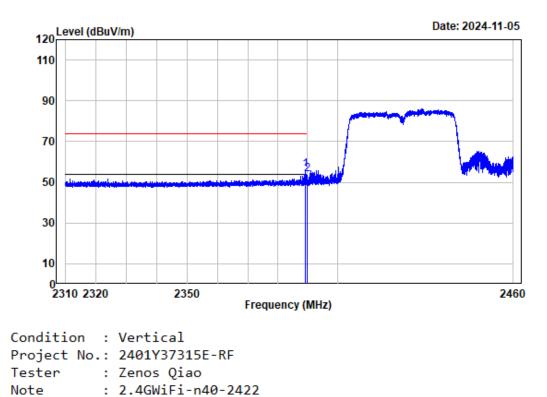


```
Condition : Horizontal
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-n40-2422
```

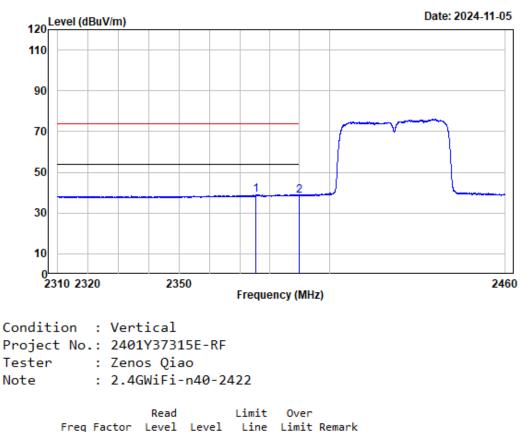
| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2389.923 | -3.20 | 60.25 | 57.05 | 74.00 | -16.95 | Peak |
| 2 | 2390.000 | -3.20 | 58.20 | 55.00 | 74.00 | -19.00 | Peak |



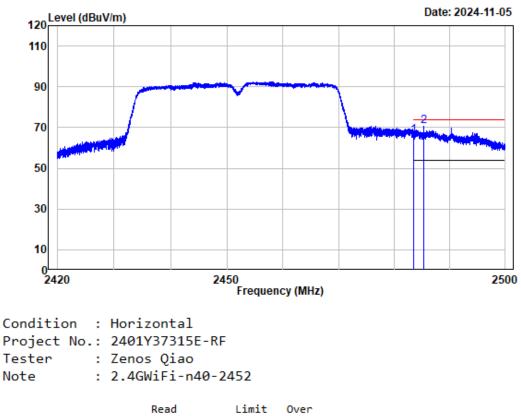
| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|---------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2388.704 | -3.20 | 43.74 | 40.54 | 54.00 | -13.46 | Average |
| 2 | 2390.000 | -3.20 | 43.20 | 40.00 | 54.00 | -14.00 | Average |



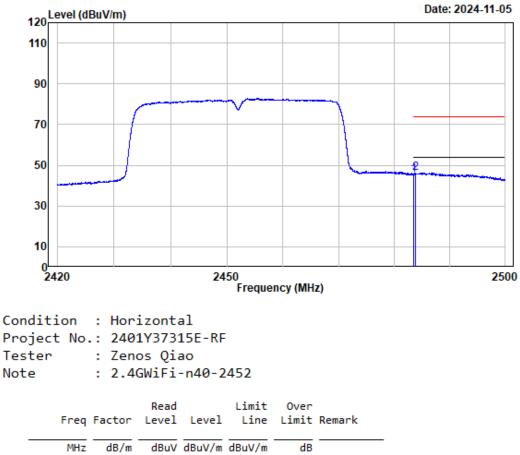
| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2389.266 | -3.20 | 59.42 | 56.22 | 74.00 | -17.78 | Peak |
| 2 | 2390.000 | -3.20 | 57.20 | 54.00 | 74.00 | -20.00 | Peak |



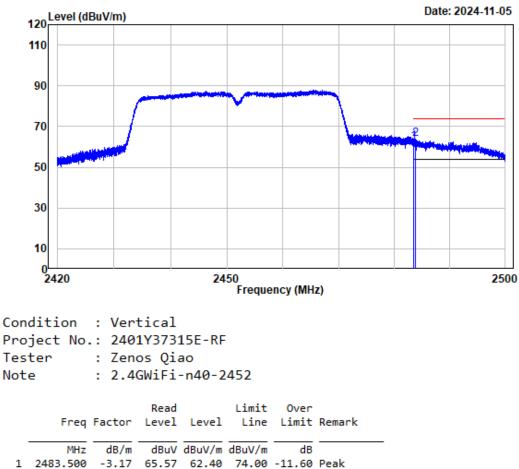
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
|---|----------|-------|-------|--------|--------|--------|---------|
| 1 | 2375.446 | -3.18 | 42.24 | 39.06 | 54.00 | -14.94 | Average |
| 2 | 2390.000 | -3.20 | 41.89 | 38.69 | 54.00 | -15.31 | Average |



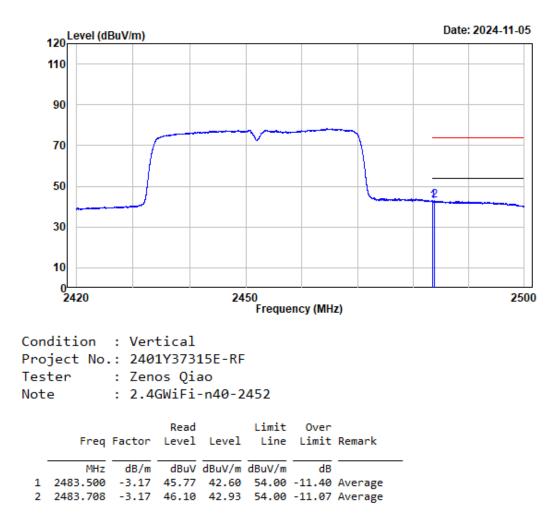
| | Freq | Factor | Level | Level | Line | Limit | Remark |
|---|----------|--------|-------|--------|--------|-------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | -3.17 | 69.07 | 65.90 | 74.00 | -8.10 | Peak |
| 2 | 2485.268 | -3.17 | 73.61 | 70.44 | 74.00 | -3.56 | Peak |



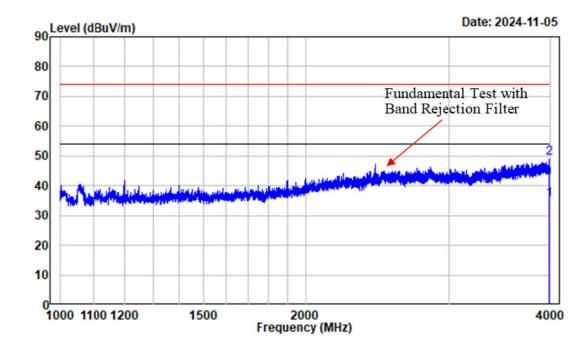
| 1 | 2483.500 | -3.17 | 48.61 | 45.44 | 54.00 | -8.56 Average |
|---|----------|-------|-------|-------|-------|---------------|
| 2 | 2483.688 | -3.17 | 49.38 | 46.21 | 54.00 | -7.79 Average |



| - | 21001000 | 2.27 | 00.07 | 02110 | | 11.00 | 1.000 |
|---|----------|-------|-------|-------|-------|--------|-------|
| 2 | 2483,698 | -3.17 | 66.93 | 63.76 | 74.00 | -10.24 | Peak |



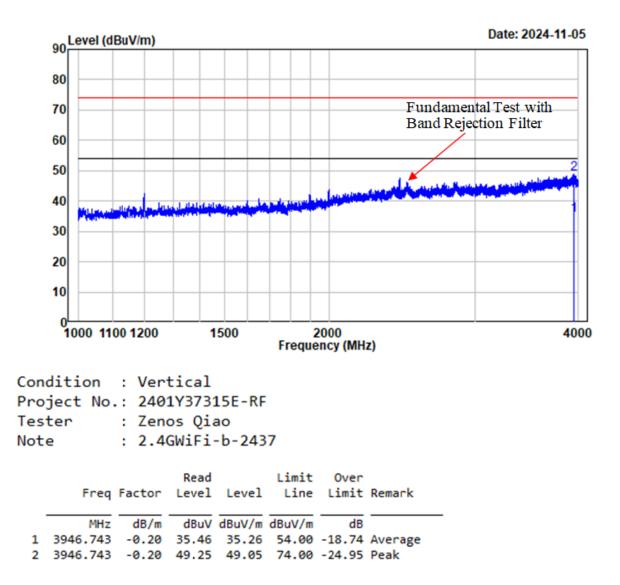
Listed with the worst harmonic margin test plot:

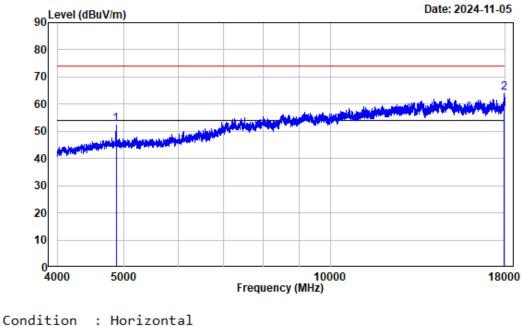


| Condition : | Horizontal |
|--------------|-----------------|
| Project No.: | 2401Y37315E-RF |
| Tester : | Zenos Qiao |
| Note : | 2.4GWiFi-b-2437 |

| | Freq | Factor | | | Limit Line | | Remark |
|---|----------|--------|-------|--------|---------------|--------|---------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 3983.123 | -0.20 | 35.68 | 35.48 | 54.00 | -18.52 | Average |
| 2 | 3983.123 | -0.20 | 49.49 | 49.29 | 74.00 | -24.71 | Peak |

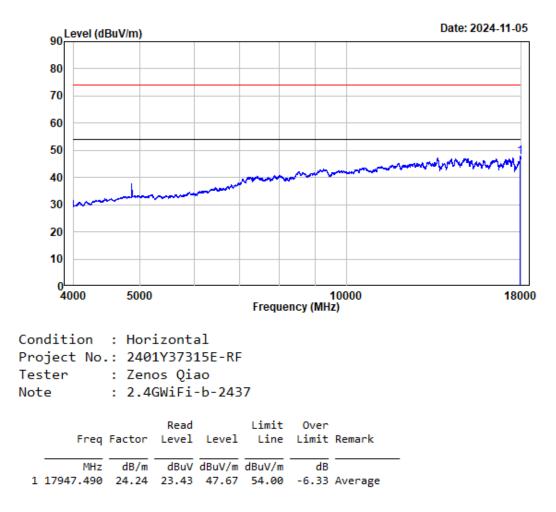
Report No.: 2401Y37315E-RF-00A



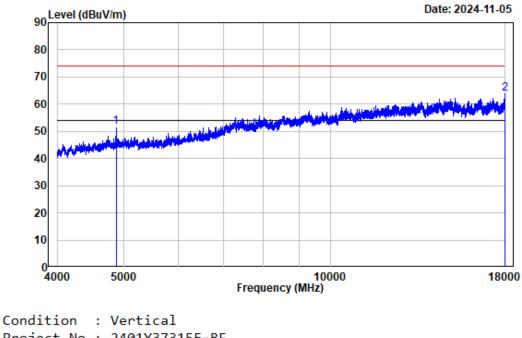


```
Condition : Horizontal
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-b-2437
```

| Freq | Factor | | | Limit Line | | Remark |
|-------------|--------|-------|--------|---------------|--------|--------|
| MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 4874.000 | 2.56 | 50.17 | 52.73 | 74.00 | -21.27 | Peak |
| 2 17943.990 | 24.22 | 39.96 | 64.18 | 74.00 | -9.82 | Peak |

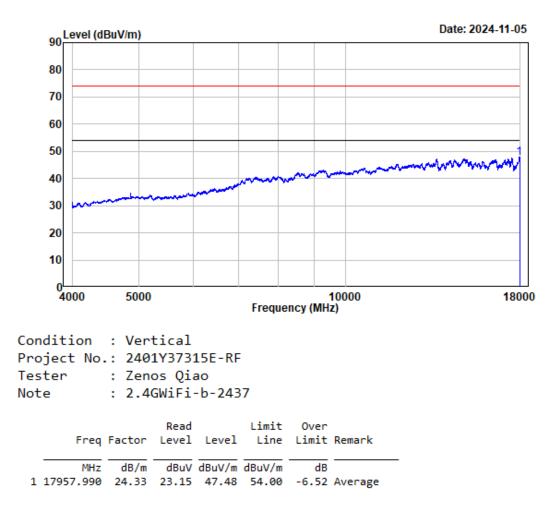


Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

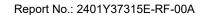


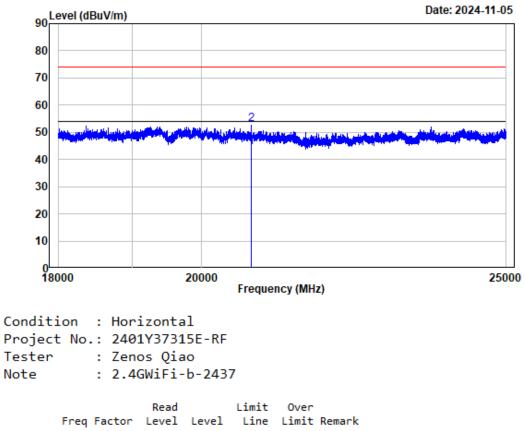
```
Condition : Vertical
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-b-2437
```

| Freq | Factor | | Level | | Over Limit | Remark |
|-------------|--------|-------|--------|--------|---------------|--------|
| MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 4874.000 | 2.56 | 49.02 | 51.58 | 74.00 | -22.42 | Peak |
| 2 17998.250 | 24.61 | 39.33 | 63.94 | 74.00 | -10.06 | Peak |

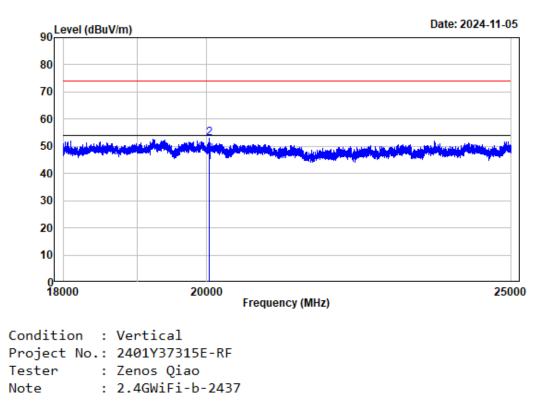


Note: Spectrum Analyzer Setting: RBW=1MHz, VBW=5kHz

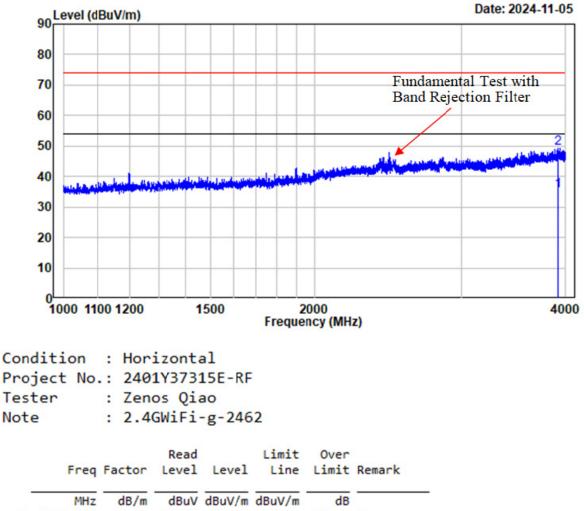




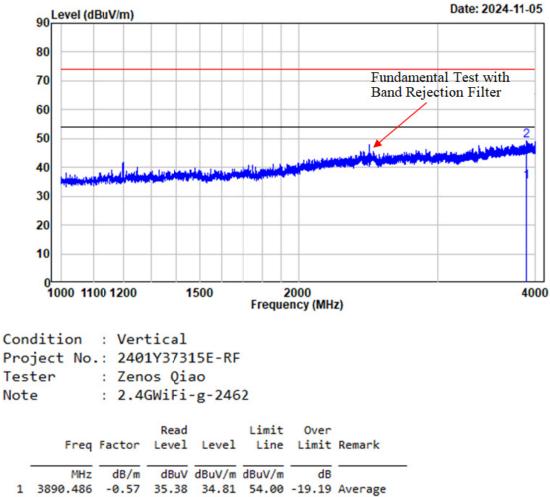
| MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
|-------------|-------|-------|--------|--------|--------|---------|
| 1 20732.970 | 15.50 | 28.89 | 44.39 | 54.00 | -9.61 | Average |
| 2 20732.970 | 15.50 | 37.57 | 53.07 | 74.00 | -20.93 | Peak |



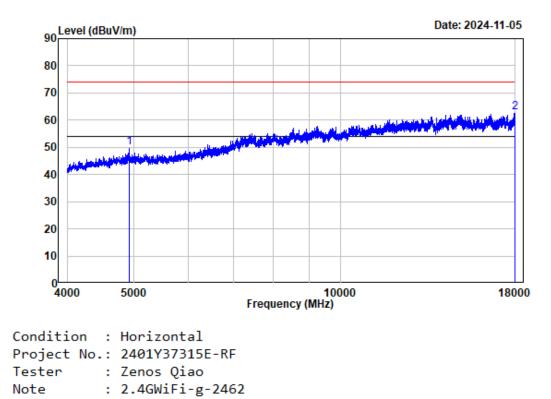
| Freq | Factor | | | Limit Line | | Remark |
|-------------|--------|-------|--------|---------------|--------|---------|
| MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 20028.500 | 15.46 | 28.53 | 43.99 | 54.00 | -10.01 | Average |
| 2 20028.500 | 15.46 | 37.40 | 52.86 | 74.00 | -21.14 | Peak |



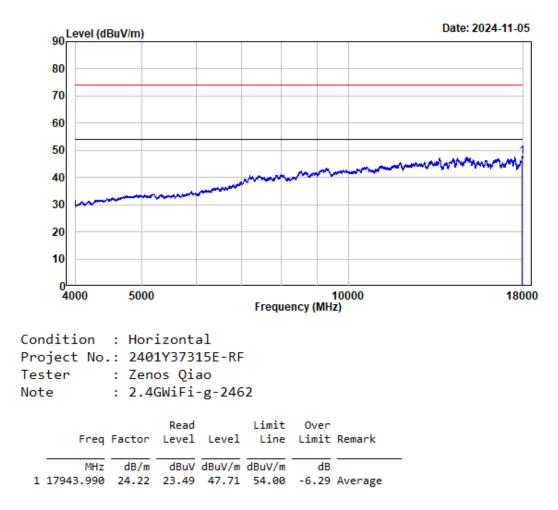
| 1 | 3922.740 | -0.36 | 35.57 | 35.21 | 54.00 | -18.79 | Average |
|---|----------|-------|-------|-------|-------|--------|---------|
| 2 | 3922.740 | -0.36 | 49,69 | 49.33 | 74.00 | -24.67 | Peak |

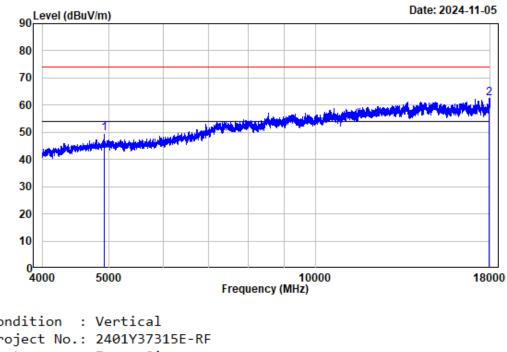


2 3890.486 -0.57 49.74 49.17 74.00 -24.83 Peak



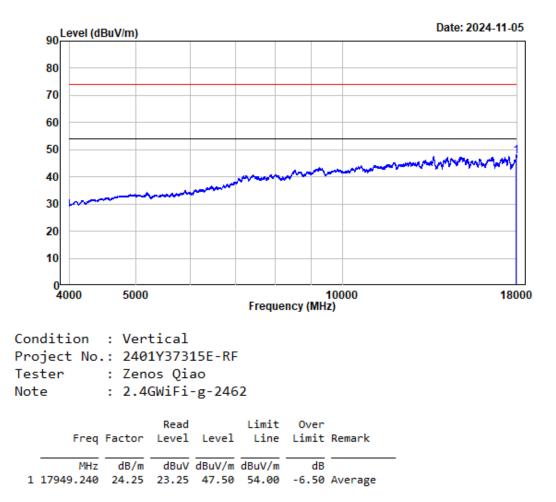
| | Freq | Factor | | | Limit Line | | Remark |
|---|-----------|--------|-------|--------|---------------|--------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 4924.000 | 2.63 | 47.29 | 49.92 | 74.00 | -24.08 | Peak |
| 2 | 17979.000 | 24.46 | 38.52 | 62.98 | 74.00 | -11.02 | Peak |

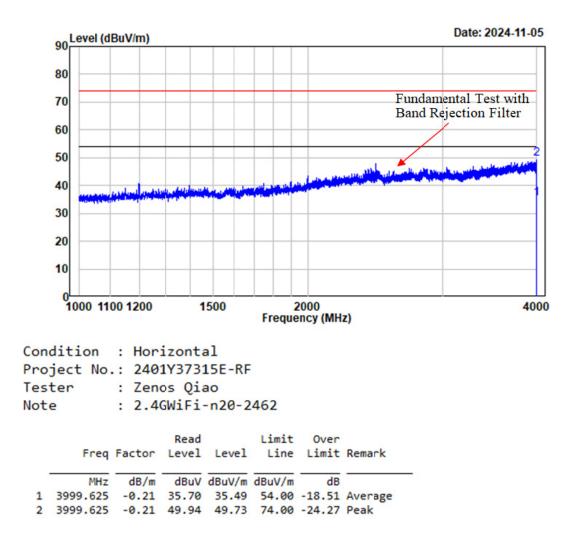


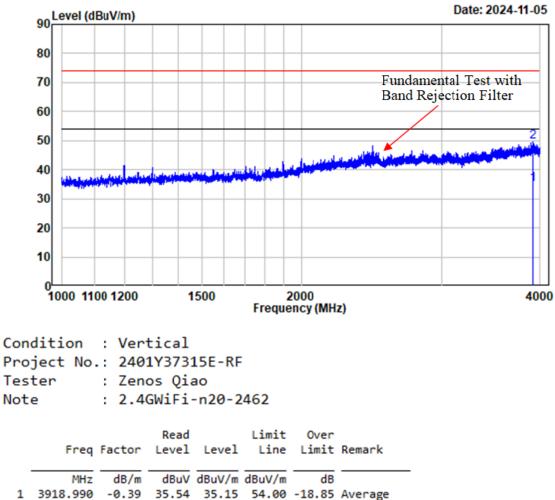


| Condition : | Vertical |
|--------------|-----------------|
| Project No.: | 2401Y37315E-RF |
| Tester : | Zenos Qiao |
| Note : | 2.4GWiFi-g-2462 |

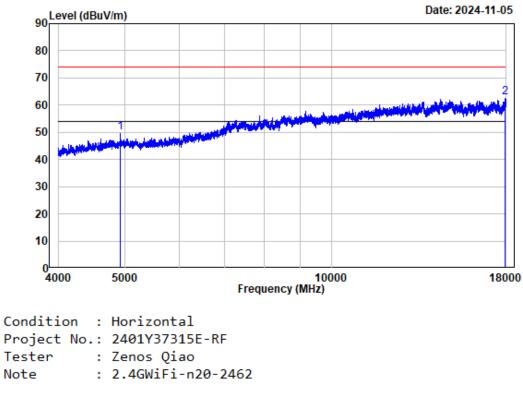
| Freq | Factor | | | Limit Line | | Remark |
|-------------|--------|-------|--------|---------------|--------|--------|
| MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 4924.000 | 2.63 | 46.87 | 49.50 | 74.00 | -24.50 | Peak |
| 2 17942.240 | 24.21 | 38.43 | 62.64 | 74.00 | -11.36 | Peak |



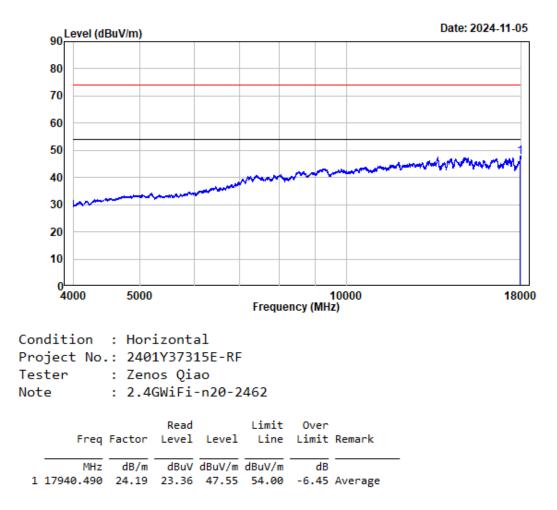


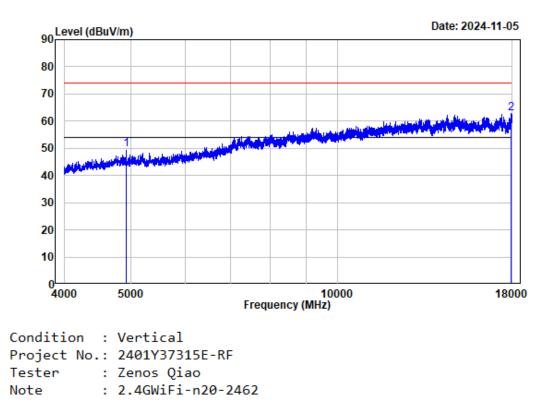


| 2 | 2 | 3918.990 | -0.39 | 49.89 | 49.50 | 74.00 | -24.50 | Peak |
|---|---|----------|-------|-------|-------|-------|--------|------|

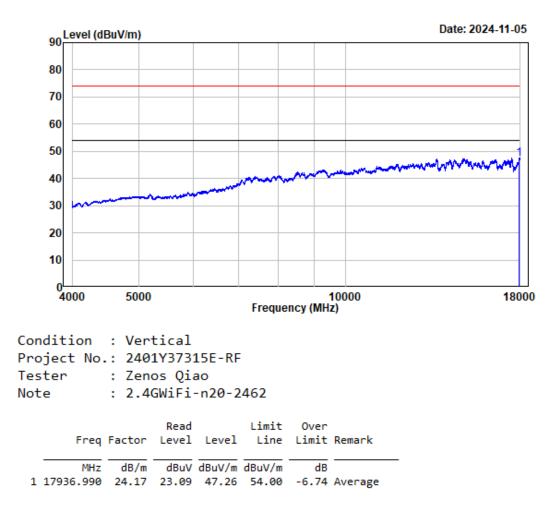


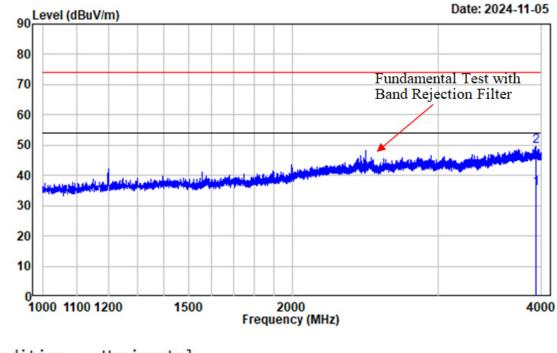
| Freq | Factor | | | Limit Line | | Remark |
|-------------|--------|-------|--------|---------------|--------|--------|
| MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 4924.000 | 2.63 | 47.14 | 49.77 | 74.00 | -24.23 | Peak |
| 2 17943.990 | 24.22 | 38.70 | 62.92 | 74.00 | -11.08 | Peak |





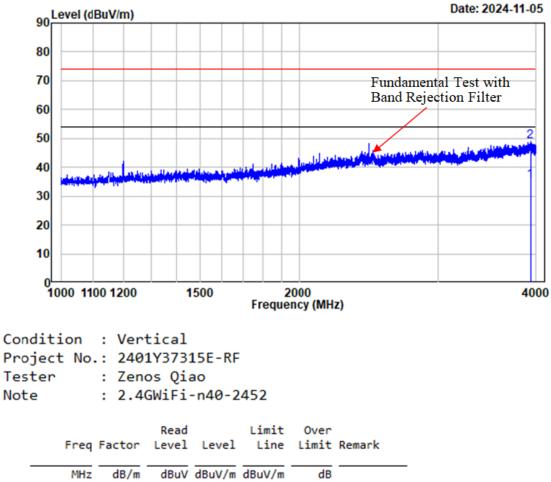
| | Freq | Factor | | Level | | Over Limit | Remark |
|---|-----------|--------|-------|--------|--------|---------------|--------|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 4924.000 | 2.63 | 46.83 | 49.46 | 74.00 | -24.54 | Peak |
| 2 | 17936.990 | 24.17 | 38.63 | 62.80 | 74.00 | -11.20 | Peak |





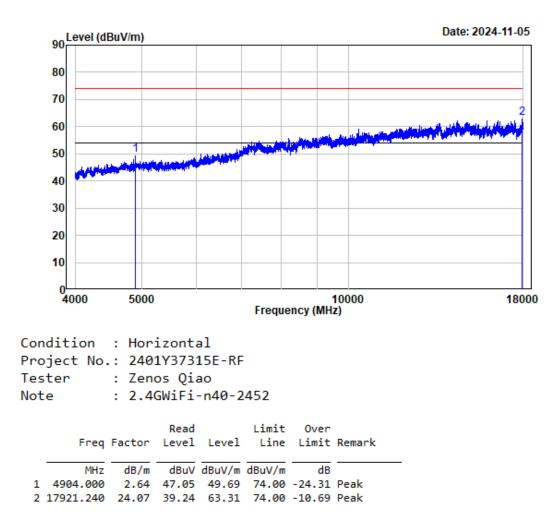
| Condition : | Horizontal |
|--------------|-------------------|
| Project No.: | 2401Y37315E-RF |
| Tester : | Zenos Qiao |
| Note : | 2.4GWiFi-n40-2452 |

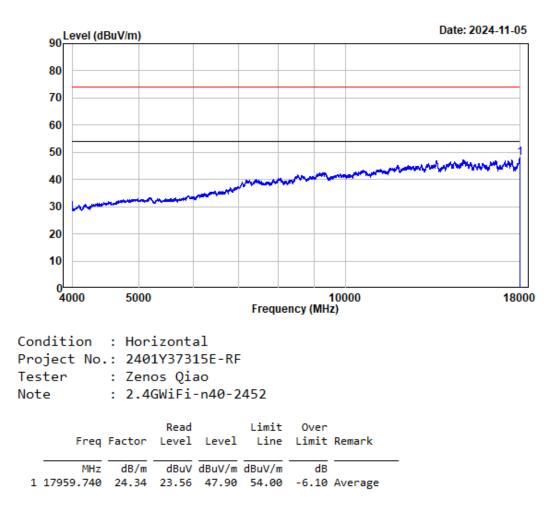
| | Freq | Factor | | | Limit Line | | Remark | |
|---|----------|--------|-------|--------|---------------|--------|---------|---|
| | MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | | _ |
| 1 | 3939.992 | -0.24 | 35.96 | 35.72 | 54.00 | -18.28 | Average | |
| 2 | 3939.992 | -0.24 | 49.68 | 49.44 | 74.00 | -24.56 | Peak | |

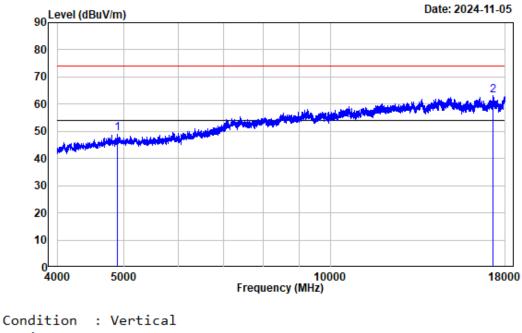


| 1 | 3934.742 | -0.28 | 35.74 | 35.46 | 54.00 | -18.54 | Average |
|---|----------|-------|-------|-------|-------|--------|---------|
| 2 | 3934.742 | -0.28 | 49.15 | 48.87 | 74.00 | -25.13 | Peak |

Report No.: 2401Y37315E-RF-00A

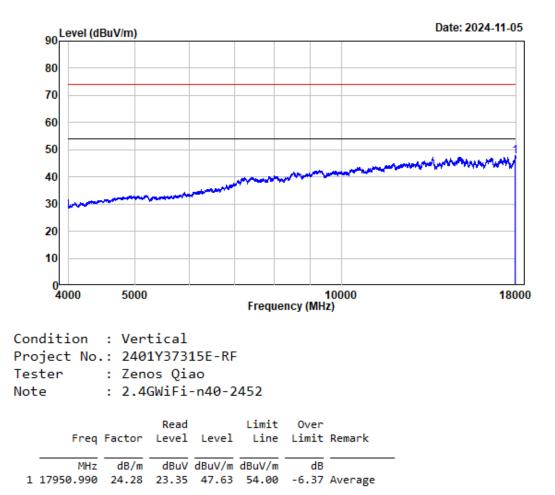






```
Condition : Vertical
Project No.: 2401Y37315E-RF
Tester : Zenos Qiao
Note : 2.4GWiFi-n40-2452
```

| Freq | Factor | | Level | | Over Limit | Remark |
|-------------|--------|-------|--------|--------|---------------|--------|
| MHz | dB/m | dBuV | dBuV/m | dBuV/m | dB | |
| 1 4904.000 | 2.64 | 46.72 | 49.36 | 74.00 | -24.64 | Peak |
| 2 17299.910 | 19.34 | 43.84 | 63.18 | 74.00 | -10.82 | Peak |



Report No.: 2401Y37315E-RF-00A

6dB Emission Bandwidth

Test Information:

| Sample No.: | 2SMP-4 | Test Date: | 2024/10/23 |
|-------------|---------------|--------------|--------------|
| Test Site: | Test Site: RF | | Transmitting |
| Tester: | Cheeb Huang | Test Result: | Pass |

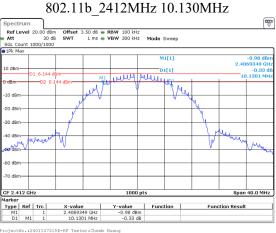
Environmental Conditions:

| Temperature: (°C): | 25.2 | Relative Humidity: (%) | 57 | ATM Pressure: (kPa) | 101 |
|-----------------------|------|------------------------------|----|------------------------|-----|
|-----------------------|------|------------------------------|----|------------------------|-----|

Test Data:

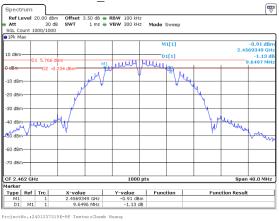
| Mode | Test Frequency (MHz) | Result (MHz) | Limit (MHz) | Verdict |
|-----------|-------------------------|-----------------|----------------|---------|
| | 2412 | 10.130 | ≥0.5 | Pass |
| 802.11b | 2437 | 9.650 | ≥0.5 | Pass |
| | 2462 | 9.650 | ≥0.5 | Pass |
| | 2412 | 16.376 | ≥0.5 | Pass |
| 802.11g | 2437 | 16.376 | ≥0.5 | Pass |
| | 2462 | 16.416 | ≥0.5 | Pass |
| | 2412 | 17.618 | ≥0.5 | Pass |
| 802.11n20 | 2437 | 17.337 | ≥0.5 | Pass |
| | 2462 | 17.618 | ≥0.5 | Pass |
| | 2422 | 35.315 | ≥0.5 | Pass |
| 802.11n40 | 2437 | 35.476 | ≥0.5 | Pass |
| | 2452 | 35.476 | ≥0.5 | Pass |

2.4G



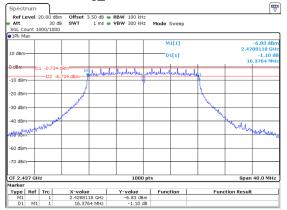
e: 23.0CT.2024 15:42:20





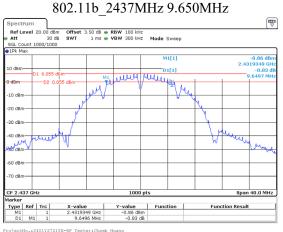
Date: 23.0CT.2024 15:45:00

802.11g 2437MHz 16.376MHz



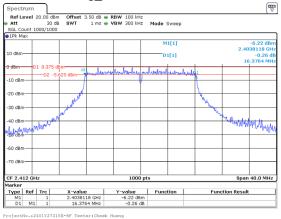
ProjectNo.:2401Y37315E-RF Tes Date: 23.0CT.2024 15:48:53

Report No.: 2401Y37315E-RF-00A



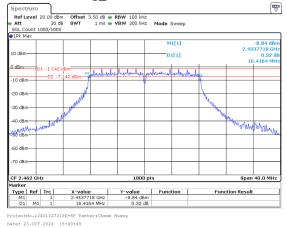
ProjectNo.:2401Y37315E-RF Tester:Cheeb Huang Date: 23.0CT.2024 15:43:14

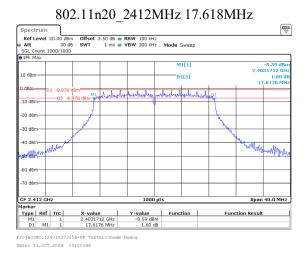
802.11g 2412MHz 16.376MHz



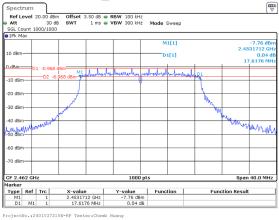
Date: 23.0CT.2024 15:46:36



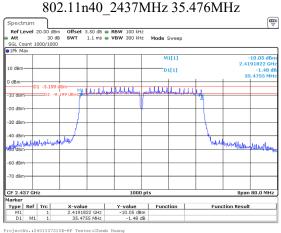




802.11n20 2462MHz 17.618MHz

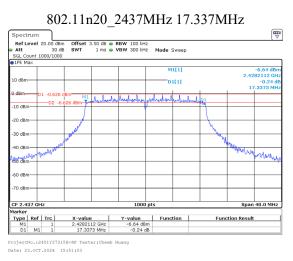


Date: 23.0CT.2024 15:52:47

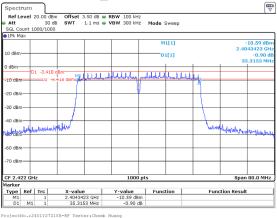


Date: 23.0CT.2024 15:53:31

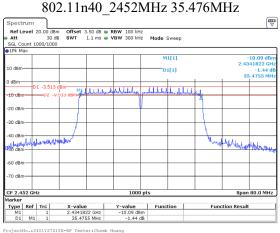
Report No.: 2401Y37315E-RF-00A



802.11n40 2422MHz 35.315MHz



ProjectNo.:2401Y37315E-RF Tester:Che Date: 23.0CT.2024 15:53:10



Date: 23.0CT.2024 15:54:29

Maximum Conducted Output Power

Test Information:

| Sample No.: | 2SMP-4 | Test Date: | 2024/10/23~2024/10/24 |
|-------------|-------------|--------------|-----------------------|
| Test Site: | RF | Test Mode: | Transmitting |
| Tester: | Cheeb Huang | Test Result: | Pass |

Environmental Conditions:

| Temperature: (°C): | 25.2 | Relative Humidity: (%) | 57 | ATM Pressure: (kPa) | 101 |
|-----------------------|------|------------------------------|----|------------------------|-----|
|-----------------------|------|------------------------------|----|------------------------|-----|

Test Data:

| Mode | Test Frequency (MHz) | Peak Output Power(dBm) | Average Output Power(dBm) | Limit (dBm) | Verdict |
|-----------|-------------------------|---------------------------|---------------------------------|----------------|---------|
| | 2412 | 17.81 | 14.72 | 30 | Pass |
| 802.11b | 2437 | 17.99 | 14.61 | 30 | Pass |
| | 2462 | 17.73 | 14.53 | 30 | Pass |
| | 2412 | 17.68 | 10.21 | 30 | Pass |
| 802.11g | 2437 | 17.72 | 10.29 | 30 | Pass |
| | 2462 | 17.60 | 10.18 | 30 | Pass |
| | 2412 | 17.60 | 10.30 | 30 | Pass |
| 802.11n20 | 2437 | 17.73 | 10.52 | 30 | Pass |
| | 2462 | 17.55 | 10.09 | 30 | Pass |
| | 2422 | 17.78 | 10.49 | 30 | Pass |
| 802.11n40 | 2437 | 17.69 | 10.65 | 30 | Pass |
| | 2452 | 17.60 | 10.57 | 30 | Pass |

100 kHz Bandwidth of Frequency Band Edge

Test Information:

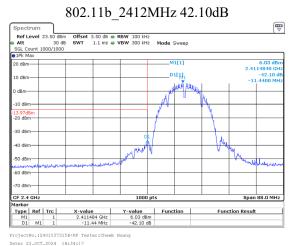
| Sample No.: | 2SMP-4 | Test Date: | 2024/10/23 |
|-------------|-------------|--------------|--------------|
| Test Site: | RF | Test Mode: | Transmitting |
| Tester: | Cheeb Huang | Test Result: | Pass |

Environmental Conditions:

| Temperature: (°C): | 25.2 | Relative Humidity: (%) | 57 | ATM Pressure: (kPa) | 101 |
|-----------------------|------|------------------------------|----|------------------------|-----|
|-----------------------|------|------------------------------|----|------------------------|-----|

Test Data:

2.4G

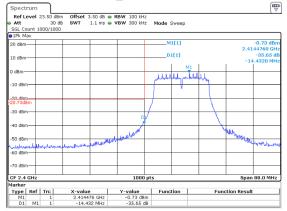


802.11g_2412MHz 35.78dB Spectrum Ref Level 23.50 Att 3 Ker Level 23.50 dBm Att 30 dB SGL Count 1000/1000 PIPK Max Offset 3.50 dB
 RBW 100 kHz
 SWT 1.1 ms
 VBW 300 kHz
 Mode Sweep dBm D1[1] 10 dBr M1 باريا المساحد رياسا باريان الريان dBm-30 dBm 40 dB Multimental March -50 dBn 70 dBm Spa
 Y-value
 Function

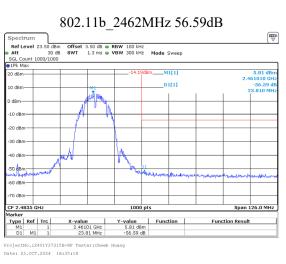
 -1.14 dBm
 -35.78 dB
 Type Ref Trc 2.406996 GHz -7.04 MHz Function Result D1 M1 1 ProjectNo.:2401Y37315E=RF Test

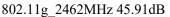
Date: 23.0CT.2024 16:35:53

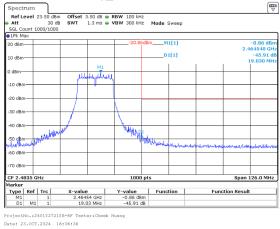
802.11n20 2412MHz 35.65dB



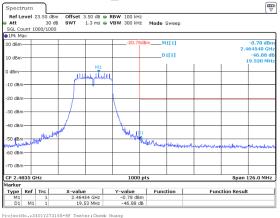
ProjectNo.:2401Y37315E=RF Tester:Cheeb Huang Date: 23.0CT.2024 16:37:06







802.11n20_2462MHz 46.88dB

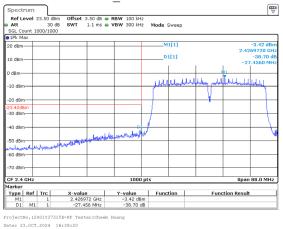


Date: 23.0CT.2024 16:37:46

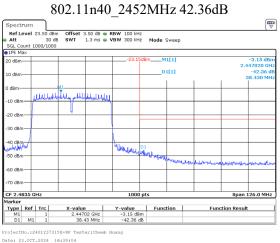
TR-EM-RF004

Bay Area Compliance Laboratories Corp. (Shenzhen)

802.11n40_2422MHz 38.70dB



Report No.: 2401Y37315E-RF-00A



Report No.: 2401Y37315E-RF-00A

Power Spectral Density

Test Information:

| Sample No.: | 2SMP-4 | Test Date: | 2024/10/24 |
|-------------|-------------|--------------|--------------|
| Test Site: | RF | Test Mode: | Transmitting |
| Tester: | Cheeb Huang | Test Result: | Pass |

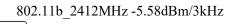
Environmental Conditions:

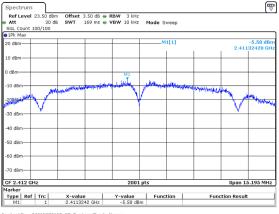
| Temperature: (°C): | 25.2 | Relative Humidity: (%) | 57 | ATM Pressure: (kPa) | 101 |
|-----------------------|------|------------------------------|----|------------------------|-----|
|-----------------------|------|------------------------------|----|------------------------|-----|

Test Data:

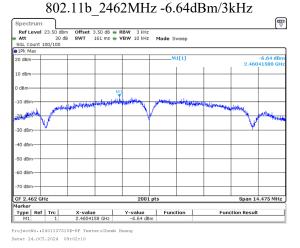
| Mode | Test Frequency (MHz) | Result (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|-------------------------|----------------------|---------------------|---------|
| | 2412 | -5.58 | 8 | Pass |
| 802.11b | 2437 | -6.42 | 8 | Pass |
| | 2462 | -6.64 | 8 | Pass |
| | 2412 | -14.85 | 8 | Pass |
| 802.11g | 2437 | -13.82 | 8 | Pass |
| | 2462 | -14.60 | 8 | Pass |
| | 2412 | -14.39 | 8 | Pass |
| 802.11n20 | 2437 | -14.46 | 8 | Pass |
| | 2462 | -14.58 | 8 | Pass |
| | 2422 | -17.48 | 8 | Pass |
| 802.11n40 | 2437 | -17.17 | 8 | Pass |
| | 2452 | -17.12 | 8 | Pass |

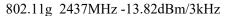
2.4G

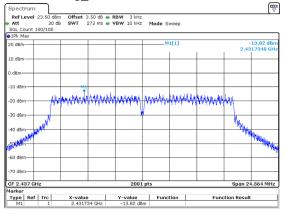




ProjectNo.:2401Y37315E-RF Tes Date: 24.0CT.2024 09:00:49

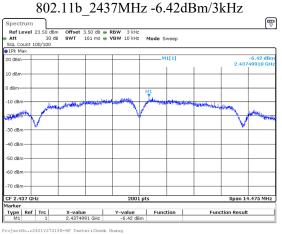




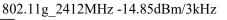


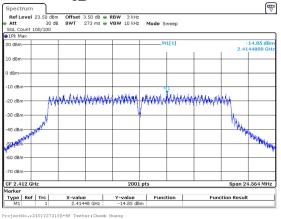
ProjectNo.:2401Y37315E-RF Tes Date: 24.0CT.2024 09:03:57

Report No.: 2401Y37315E-RF-00A

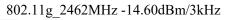


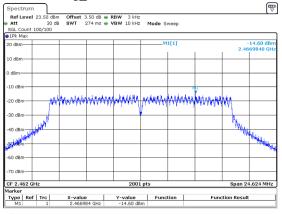
ProjectNo.:2401Y37315E-RF T Date: 24.0CT.2024 09:01:27



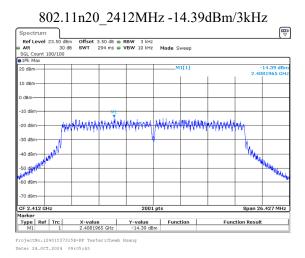


Date: 24.0CT.2024 09:03:05

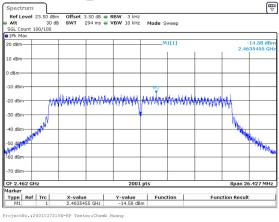




ProjectNo.:2401Y37315E-RF Test Date: 24.0CT.2024 09:04:50

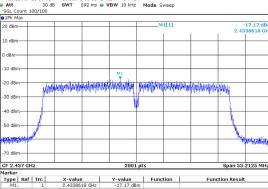


802.11n20 2462MHz -14.58dBm/3kHz



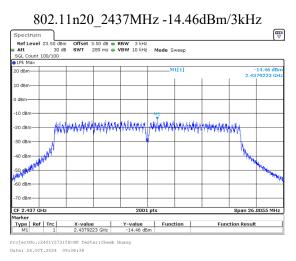
Date: 24.0CT.2024 09:07:

802.11n40_2437MHz -17.17dBm/3kHz RefLevel 23.50 dBm Offset 3.50 dB ■ RBW 3 lHz ■ Att 30 dB SWT 592 ms ■ VBW 10 lHz Mode Sweep SGL_Count 100/100 © JFK Mas M1[1] -17.17 dB 10 dBm dBm 10 dB Namenteralisetananteralisetanan hin white -30 dBn 40 dBm 50 dBm -Difficiti 70 dBm 2001 pts Span 53.2125 MHz CF 2.437 GHz

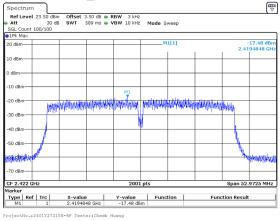


ProjectNo.:2401Y37315E-RF Tes Date: 24.0CT.2024 09:10:55

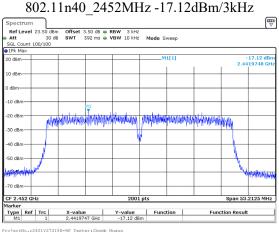
Report No.: 2401Y37315E-RF-00A



802.11n40 2422MHz -17.48dBm/3kHz



Date: 24.0CT.2024 09:09:28



Date: 24.0CT.2024 09:12:32

Report No.: 2401Y37315E-RF-00A

Duty Cycle

Test Information:

| Sample No.: | 2SMP-4 | Test Date: | 2024/10/23 |
|-------------|-------------|--------------|--------------|
| Test Site: | RF | Test Mode: | Transmitting |
| Tester: | Cheeb Huang | Test Result: | N/A |

Environmental Conditions:

| Temperature | ative idity: 57 ATM Pressure: (%) 101 101 |
|-------------|---|
|-------------|---|

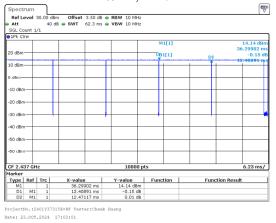
Test Data:

| Mode | Test Frequency (MHz) | Ton (ms) | Ton+Toff (ms) | Duty Cycle (%) | Duty Cycle Factor(dB) | 1/Ton (Hz) | VBW Setting (kHz) |
|-----------|----------------------------|-------------|------------------|-------------------|--------------------------|---------------|-------------------------|
| 802.11b | 2437 | 12.409 | 12.471 | 99.50 | / | / | 0.010 |
| 802.11g | 2437 | 2.049 | 2.124 | 96.47 | 0.16 | 488 | 0.500 |
| 802.11n20 | 2437 | 1.907 | 2.017 | 94.55 | 0.24 | 524 | 1 |
| 802.11n40 | 2437 | 0.939 | 1.074 | 87.43 | 0.58 | 1065 | 2 |

Duty Cycle = Ton/(Ton+Toff)*100%

2.4G

802.11b_2437MHz 12.409ms,12.471ms

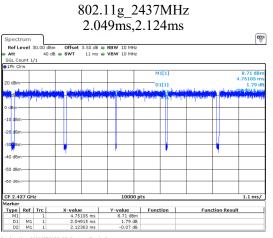


802.11n20_2437MHz 1.907ms,2.017ms

| Spect | rum | | | | | | | | | | | | ₩ ₩ | |
|--------------------------|-------|----------------|---|---------------|------------------|--------|----------|---|-----------------|---|-------------------|-----|---------------------|--|
| Ref L | evel | 30.00 dB | m Offset | 3.50 dB | RBW 10 M | 1Hz | | | | | | | | |
| Att | | 40 d | B 👄 SWT | 10.1 ms 🖷 | VBW 10 N | 1Hz | | | | | | | | |
| SGL Co | | /1 | | | | | | | | | | | | |
| ●1Pk Cl | rw | | | | | | | | | | | | | |
| | | | | | M1[1] | | | | | | 8.67 dBn | | | |
| | | | | | | | | | | 5.02171 ms | | | | |
| 20 dBm | | | | | | | | 1[1] | 01 | | | | 4.56 di | |
| ndi seritu | | with the state | And working the | | اهتراقي وارطلك | | | | -16. | بالدرائلة بدعاويه | New Yorks | | 0786 pv | |
| All of the second second | 4474 | orgentello- | 100000000000000000000000000000000000000 | Second Public | alla search alad | Print. | -malak | ang papagang | 1 H K | Surd Production Street Stre | r presi y de tria | 140 | a production of the | |
| d8m- | | 1.1 | | | | | | | 11 | | | | | |
| o dom | | | | | | | | | | | | | | |
| -10 dBm | | | | | _ | | | | | | | | | |
| 10 000 | · | | | | | | | | | | | | | |
| -20 dBrr | | | | | | | | | | | | | | |
| 20 000 | · | | | | | | | | - 11 | | | | | |
| -30 dBrr | | | | | | | | | | | | | | |
| 50 ubii | · . | | | | | | | | | | | | | |
| -40 dBrr | | | | | | | | | | | | | | |
| 40 0.011 | · | | | | | | | | | | | | | |
| -50 dBrr | | | | | | | | | | | | | | |
| -50 ubii | · | | | | | | | | | | | | | |
| -60 dBri | | | | | | | | | | | | | | |
| | . | | | | | | | | | | | | | |
| CF 2.4 | 17.01 | - | | | 100 | 00 pt: | | | | | | | .01 ms/ | |
| GF 2.4: Aarker | 37 GH | 12 | | | 100 | JU pt | , | | | | | 1. | .01 ms/ | |
| Type | Ref | Trc | X-value | . | Y-value | | Function | | Function Result | | | | | |
| M1 | | 1 | 5.02171 ms | | 8.67 dBm | | | | | | | | | |
| D1 | M1 | 1 | 1.90726 ms | | 4.56 dB | | | | | | | | | |
| D2 | M1 | 1 | 2.01737 ms | | 0.04 dB | | | | | | | | | |

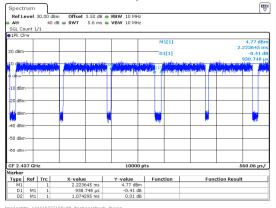
ProjectNo.:2401Y37315E-RF Tester:Cheeb Huang Date: 23.0CT.2024 16:50:57

Report No.: 2401Y37315E-RF-00A



ProjectNo.:2401Y37315E-RF Tester:Cheeb Huang Date: 23.0CT.2024 16:50:12

802.11n40_2437MHz 0.939ms,1.074ms



ProjectNo.:2401Y37315E-RF Tester:Cheeb Huang Date: 23.0CT.2024 16:51:43 Bay Area Compliance Laboratories Corp. (Shenzhen)

RF EXPOSURE EVALUATION

MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to subpart 15.247 (i) and subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

According to KDB 447498 D04 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power(ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(3)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

| Table 1 to § $1.1307(b)(3)(i)(C)$ - Single RF Sources Subject to Routine Environmental Evaluation | | | | | | |
|---|--|--|--|--|--|--|
| RF Source frequency (MHz) | Threshold ERP (watts) | | | | | |
| 0.3-1.34 | 1,920 R ² . | | | | | |
| 1.34-30 | 3,450 R ² /f ² . | | | | | |
| 30-300 | 3.83 R ² . | | | | | |
| 300-1,500 | 0.0128 R ² f. | | | | | |
| 1,500-100,000 | 19.2R ² . | | | | | |

Ris the minimum separation distance in meters f = frequency in MHz

| Result |
|--------|
|--------|

| Mode | Frequency (MHz) | Tune up conducted | Antenn | a Gain# | EI | RP | Evaluation Distance (m) | ERP Limit (W) |
|-----------|--------------------|--------------------------|--------|---------|-------|--------|-------------------------------|---------------------|
| | (1/112) | power [#] (dBm) | (dBi) | (dBd) | (dBm) | (W) | | |
| 2.4G WIFI | 2412-2462 | 18.5 | 4.6 | 2.45 | 20.95 | 0.1245 | 0.2 | 0.768 |

Note: 1. The tune up conducted power and antenna gain was declared by the applicant.

2. The BT and 2.4G Wi-Fi cannot transmit at same time.

3. 0dBd=2.15dBi

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

Result: Compliant

EUT PHOTOGRAPHS

Please refer to the attachment 2401Y37315E-RF External photo and 2401Y37315E-RF Internal photo.

TR-EM-RF004

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2401Y37315E-RF Test Setup photo.

***** END OF REPORT *****

TR-EM-RF004