Test Report No:
2350790R-RFUSV01S-A

# TEST REPORT
## FCC Rules&Regulations

| | |
|---|---|
| Product Name | VX3 HD Outdoor Camera |
| Brand Name | resideo |
| Model No. | CAMWE-WO |
| FCC ID | CFS8DLCAMWEWO1 |
| Applicant´s Name / Address | Ademco Inc.<br>2 Corporate Center Drive, Suite 100, Melville, New York 11747, United States |
| Manufacturer's Name / Address | XAVi Technologies Corporation<br>22 F., No. 69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241561, Taiwan (R.O.C.) |
| Test Method Requested, Standard | FCC CFR Title 47 Part 15 Subpart C Section 15.247<br>ANSI C63.10-2013 |
| Verdict Summary | IN COMPLIANCE |
| Documented By | Amelia Wu<br>Amelia Wu |
| Approved By | Rueyyan Lin<br>Rueyyan Lin |
| Date of Receipt | May 29, 2023 |
| Date of Issue | Aug. 31, 2023 |
| Report Version | V1.0 |

# INDEX

## Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.
In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.



## General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

## Revision History

| Version | Description | Issued Date |
|---|---|---|
| V0.1-Draft | Initial issue of report | Aug. 31, 2023 |
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## Summary of Test Result

| Report Clause | Test Items | Result (PASS/FAIL) | Remark |
|---|---|---|---|
| 3 | AC Power Line Conducted Emission | PASS | - |
| 4 | Occupied Bandwidth & DTS Bandwidth | PASS | - |
| 5 | Maximum Conducted Output Power | PASS | - |
| 6 | Maximum Power Spectral Density | PASS | - |
| 7 | Antenna Port Conducted Emission | PASS | - |
| 8 | Transmitter Radiated Spurious Emission | PASS | - |

| Comments and Explanations |
|---|
| The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification. |

## Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

# 1. General Information

## 1.1. EUT Description

| | | |
|---|---|---|
| Frequency Range | 2400 ~ 2483.5 MHz | |
| Operating Frequency | IEEE 802.11b/g<br>IEEE 802.11n/ac (20 MHz) | 2412 ~ 2462 MHz |
| | IEEE 802.11n/ac (40 MHz) | 2422 ~ 2452 MHz |
| Channel Number | IEEE 802.11b/g<br>IEEE 802.11n/ac (20 MHz) | 11 Channels |
| | IEEE 802.11n/ac (40 MHz) | 7 Channels |
| Type of Modulation | IEEE 802.11b | DSSS-DBPSK, DQPSK, CCK |
| | IEEE 802.11g/n | OFDM-BPSK, QPSK, 16QAM, 64QAM |
| | IEEE 802.11ac | OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM |

| Accessories Information | | | | |
|---|---|---|---|---|
| No. | Equipment Name | Brand Name | Model No. | Rating |
| 1 | SWITCHING POWER SUPPLY (Adapter) | KLEC | KL-WA120100-E | INPUT: 100-240V, 50/60Hz 0.5A<br>OUTPUT: 12.0V, 1.0A |

| Antenna Information | | | | | | |
|---|---|---|---|---|---|---|
| Ant. | Brand Name | Model No. | Type | Antenna Gain (dBi) | Maximum Antenna Gain (dBi) | Directional Gain (dBi) |
| 0 | LYNwave | ALX18M052AA3 | Embedded | 1.80 | 2.30 | 5.06 |
| 1 | Xavi | LED ante | PCB | 2.30 | | |

**For IEEE 802.11b/g: (1TX/1RX)**

Only Ant. 1 can be used as transmitting/receiving functions.

**For IEEE 802.11n/ac: (2TX, 2RX)**

Both Ant. 0 and Ant. 1 can be used as transmitting/receiving antennas, and them can transmit/receive signal simultaneously.

## 1.2. EUT Information

| | | | | |
|---|---|---|---|---|
| EUT Power Type | From Adapter / PoE | | | |
| EUT Function | ☒ | Point-to-multipoint | ☐ | Point-to-point |
| Beamforming Function | ☐ | With beamforming | ☒ | Without beamforming |

## 1.3. Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 558074 D01 v05r02
- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

## 1.4. Testing Location Information

| Testing Location Information | | |
|---|---|---|
| Test Laboratory：DEKRA Testing and Certification Co., Ltd. | | |
| | 1<br>(TAF: 3024) | ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.<br>TEL: +886-3-582-8001 FAX: +886-3-582-8958 |
| | 2<br>(TAF: 3024) | ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.<br>TEL: +886-3-582-8001 FAX: +886-3-582-8958 |
| Test site number for address 1 includes HC-SR02. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12. | | |

| Test Condition | Test Site No. | Test Engineer | Test Environment (°C / %) | Test Date |
|---|---|---|---|---|
| AC Conduction Emission | HC-SR02 | Igor Tseng | 23 / 58 | 2023/06/08 |
| RF Conducted Emission | HC-SR12 | Clemens Fang | 22 / 65 | 2023/06/08 |
| Radiated Emission | HC-CB04 | Cyril Yang<br>Scott Chang | 21 ~21.5 / 59~63 | 2023/06/06~2023/06/09 |

## 1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2).

| Test Item | Uncertainty |
|---|---|
| AC Power Line Conducted Emission | ± 2.34 dB |
| Occupied Bandwidth & DTS Bandwidth | ± 282.55 Hz |
| Maximum Conducted Output Power | ± 1.16 dB |
| Maximum Power Spectral Density | ± 2.47 dB |
| Antenna Port Conducted Emission | ± 2.47 dB |
| Transmitter Radiated Spurious Emission | ± 3.52 dB below 1 GHz<br>± 3.56 dB above 1 GHz |

## 1.6. List of Test Equipment

HC-SR02

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Cal. Date | Next Cal. Date |
|---|---|---|---|---|---|---|
| Artificial Mains Network | R&S | ENV4200 | 848411/010 | 9kHz-30MHz, 4line/100A | 2022/12/19 | 2023/12/18 |
| EMI Test Receiver | R&S | ESR3 | 102608 | 9 kHz - 3.6 GHz | 2022/09/28 | 2023/09/27 |
| Two-Line V-Network | R&S | ENV216 | 100096 | 9kHz-30MHz | 2023/06/02 | 2024/06/01 |
| Coaxial Cable(9 m) | Harbour | RG-400 | HC-SR02 | 9 kHz–2500 MHz | 2022/08/15 | 2023/08/14 |
| EMI Testing System | AUDIX | e3 210616 dekra V9 | HC-SR02 | N/A | N/A | N/A |

HC-SR12

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Cal. Date | Next Cal. Date |
|---|---|---|---|---|---|---|
| High Speed Peak Power Meter Dual Input | Anritsu | ML2496A | 1602004 | 0.3-40 GHz | 2022/11/02 | 2023/11/01 |
| Pulse Power Sensor | Anritsu | MA2411B | 1531043 | 0.3-40 GHz | 2022/11/02 | 2023/11/01 |
| Pulse Power Sensor | Anritsu | MA2411B | 1531044 | 0.3-40 GHz | 2022/11/02 | 2023/11/01 |
| Signal & Spectrum Analyzer | R&S | FSV40 | 101869 | 10Hz-40GHz | 2022/07/13 | 2023/07/12 |

HC-CB04

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Cal. Date | Next Cal. Date |
|---|---|---|---|---|---|---|
| Signal Analyzer | R&S | FSVA40 | 101455 | 10 Hz-40 GHz | 2022/09/29 | 2023/09/28 |
| Trilog Broadband Antenna | Schwarzbeck | VULB 9168 | 1209 | 30 MHz-2 GHz | 2022/06/14 | 2023/06/13 |
| Double Ridged Horn Antenna | RF SPIN | DRH18-E | 211212A18EN | 1G-18GHz | 2022/11/15 | 2023/11/14 |
| Horn Antenna | Schwarzbeck | BBHA 9170 | 203 | 18G-40GHz | 2023/02/13 | 2024/02/12 |
| Pre-Amplifier | EMCI | EMC01820I | 980365 | 30M-8 GHz,20 dB | 2023/04/07 | 2024/04/06 |
| Pre-Amplifier | EMEC | EM01G18GA | 060835 | 1-18 GHz,50 dB | 2022/07/04 | 2023/07/03 |
| Pre-Amplifier | DEKRA | AP-400C | 201801231 | 18G-40 GHz,48 dB | 2022/09/27 | 2023/09/26 |
| Coaxial Cable(10m) | Suhner | SF102_SF104 | HC-CB04 | 30M-18 GHz | 2022/08/08 | 2023/08/07 |
| Coaxial Cable(3m) | Suhner,Rosnol | SF102_UP0264 | HC-CB04_1 | 18G-40 GHz | 2022/08/14 | 2023/08/13 |
| EMI Test Receiver | R&S | ESR7 | 102260 | 10 Hz-7 GHz | 2022/12/01 | 2023/11/30 |
| Magnetic Loop Antenna | Teseq | HLA 6121 | 44287 | 0.01-30 MHz | 2022/10/21 | 2023/10/20 |
| Radiated Software | AUDIX | e3 V9 | HC-CB04_1 | N/A | N/A | N/A |

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

# 2. Test Configuration of EUT

## 2.1. Test Condition

| EUT Operational Condition | |
|---|---|
| Testing Voltage | AC 120V/60Hz |

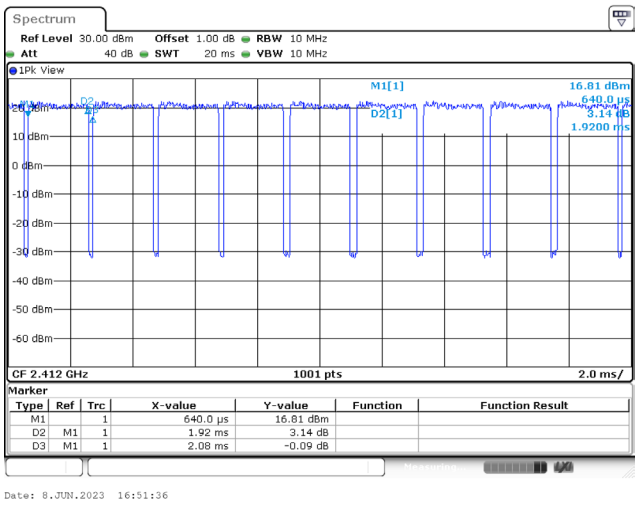
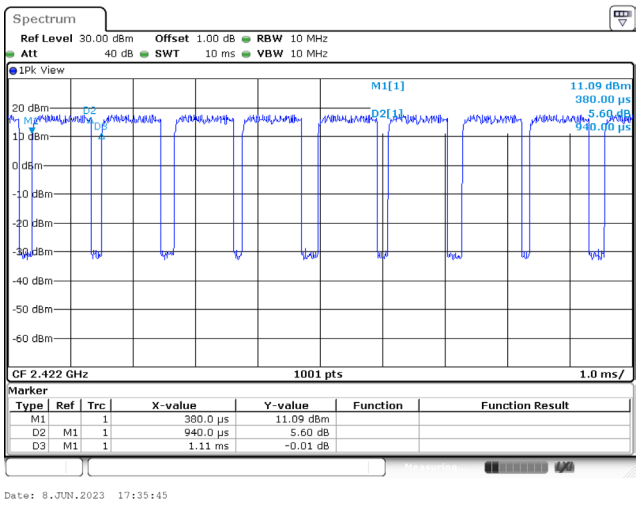
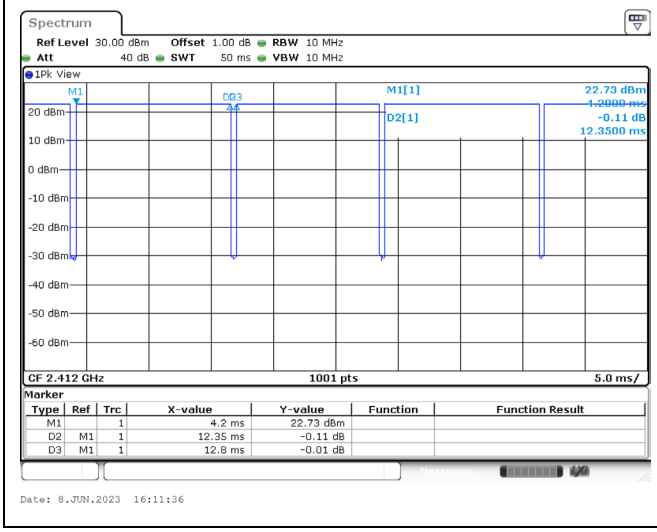
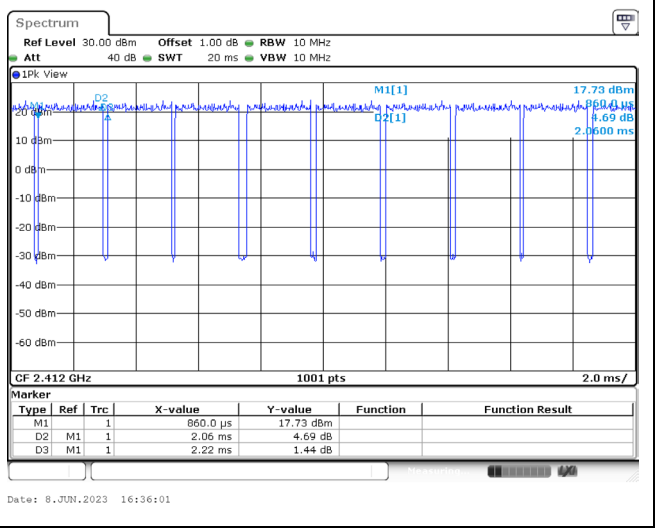
## 2.2. Test Channel Mode

| Test Software | TeraTerm |
|---|---|

| Modulation | Frequency (MHz) | Power Setting |
|---|---|---|
| 802.11b | 2412 | 106 |
| | 2437 | 116 |
| | 2462 | 114 |
| 802.11g | 2412 | 74 |
| | 2437 | 97 |
| | 2462 | 83 |
| 802.11ac (20 MHz) | 2412 | 71/83 |
| | 2437 | 95/107 |
| | 2462 | 79/91 |
| 802.11ac (40 MHz) | 2422 | 67/79 |
| | 2437 | 77/89 |
| | 2452 | 65/77 |

## 2.3. Duty Cycle

| Modulation | On Times (ms) | On+Off Times (ms) | Duty Cycle (%) | Duty Factor (dB) | 1/T Minimum VBW (kHz) |
|---|---|---|---|---|---|
| 802.11b | 12.350 | 12.800 | 96.48 | 0.155 | 0.081 |
| 802.11g | 2.060 | 2.220 | 92.79 | 0.325 | 0.485 |
| 802.11ac (20 MHz) | 1.920 | 2.080 | 92.31 | 0.348 | 0.521 |
| 802.11ac (40 MHz) | 0.940 | 1.110 | 84.68 | 0.722 | 1.064 |

| 802.11b | 802.11g |
|---|---|
|  |  |
| **802.11ac (20 MHz)** | **802.11ac (40 MHz)** |
|  |  |

## 2.4. The Worst Case Measurement Configuration

| Tests Item | AC Power Line Conducted Emission |
|---|---|
| Test Condition | AC power line conducted measurement for line and neutral |
| Operating Mode | Transmit |
| 1 | EUT + Adapter |
| 2 | EUT + PoE |

| Tests Item | Occupied Bandwidth & DTS Bandwidth<br>Maximum Conducted Output Power<br>Maximum Power Spectral Density<br>Antenna Port Conducted Emission |
|---|---|
| Test Condition | Conducted measurement at transmit chains |

| Tests Item | Transmitter Radiated Spurious Emission |
|---|---|
| Test Condition | Radiated measurement<br>If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type. |
| Operating Mode < 1GHz | Transmit |
| 1 | EUT + Adapter |
| 2 | EUT + PoE |
| Operating Mode > 1GHz | Transmit |
| The EUT was performed at X axis, Y axis and Z axis position for transmitter radiated spurious emission test. The worst case was found at Z axis, so the measurement will follow this same test configuration. | |

Note:
1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated emission below 1 GHz and AC power line conducted emission have performed all modes of operation were investigated and the worst-case emissions are reported.
3. The modulation and bandwidth are similar for 802.11ac mode for HT20/HT40 and 802.11ac mode for VHT20/VHT40, therefore investigated worst case to representative mode in test report.

## 2.5. Tested System Details

Mode 1: EUT + Adapter

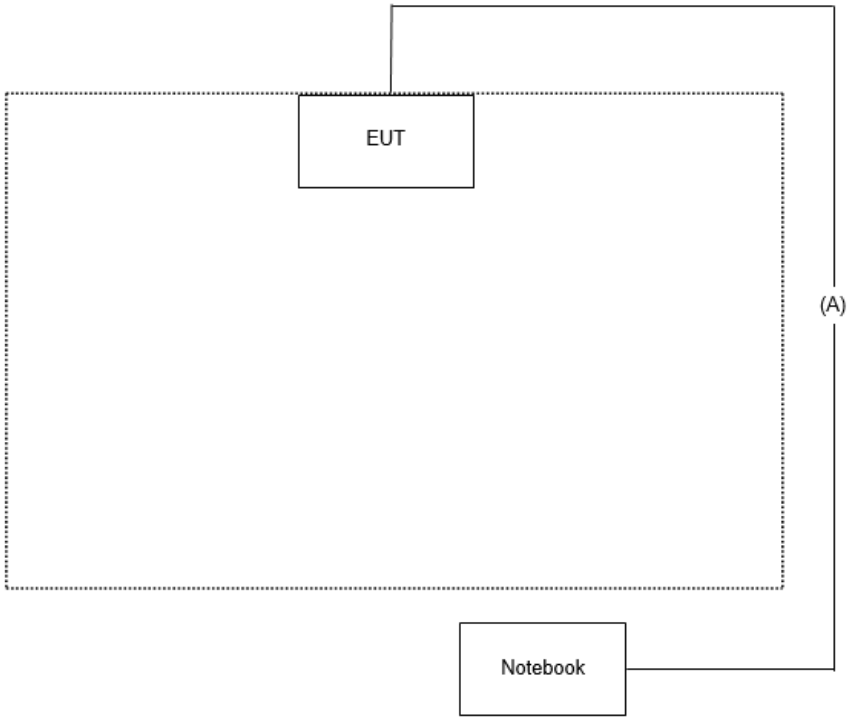
| No. | Equipment | Brand Name | Model No. | Serial No. | FCC ID |
|---|---|---|---|---|---|
| 1 | Notebook | DELL | Latitude E6320 | 8611271467 | SDoC |

Mode 2: EUT + PoE

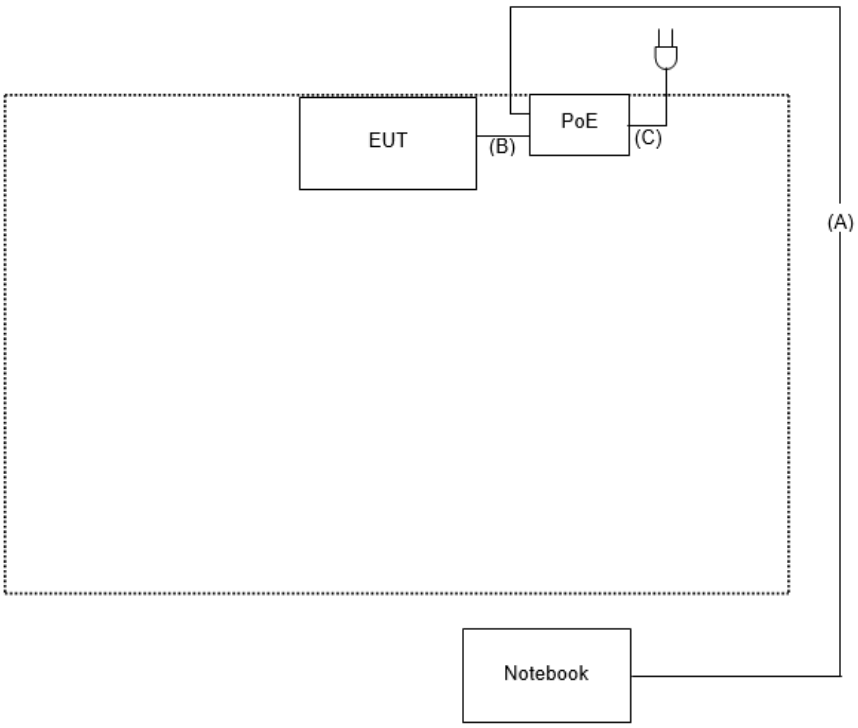
| No. | Equipment | Brand Name | Model No. | Serial No. | FCC ID |
|---|---|---|---|---|---|
| 1 | Notebook | DELL | Latitude E6320 | 8611271467 | SDoC |
| 2 | PoE | BulletPoE | BPI100-H | 2205190176 | SDoC |

## 2.6. Configuration of Tested System

Connection Diagram / Mode 1: EUT + Adapter

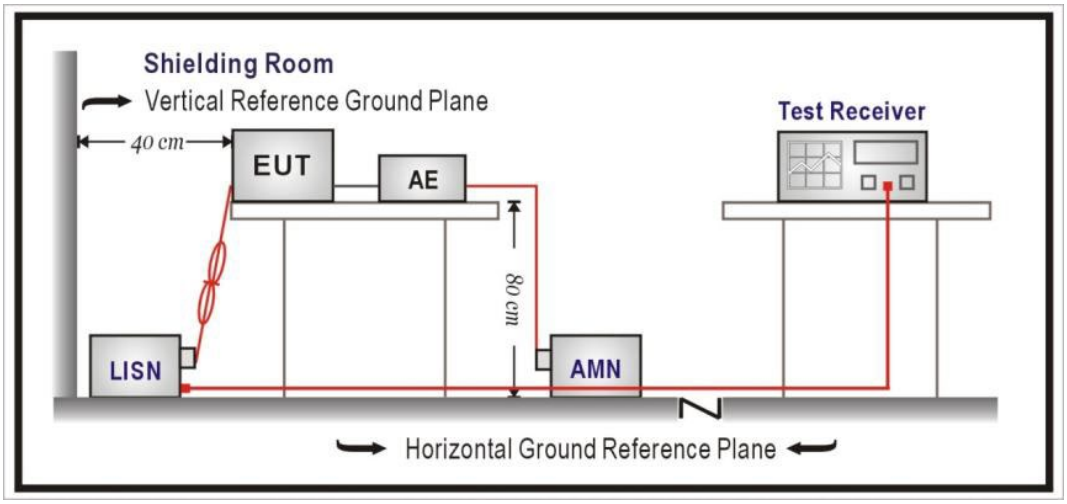



| Signal Cable Type | | Signal cable Description |
|---|---|---|
| A | LAN Cable | Non-Shielded, 10m |

| Connection Diagram / Mode 2: EUT + PoE | | |
|---|---|---|
|  | | |
| Signal Cable Type | | Signal cable Description |
| A | LAN Cable | Non-Shielded, 10m |
| B | LAN Cable | Non-Shielded, 0.6m |
| C | Power Cable | Non-Shielded, 1.8m |

# 3. AC Power Line Conducted Emission

## 3.1. Test Setup




## 3.2. Test Limit

| Frequency (MHz) | QP (dBuV) | AV (dBuV) |
|---|---|---|
| 0.15 - 0.50 | 66 - 56 | 56 - 46 |
| 0.50 - 5.0 | 56 | 46 |
| 5.0 - 30 | 60 | 50 |

Remarks: In the above table, the tighter limit applies at the band edges.

## 3.3. Test Procedure

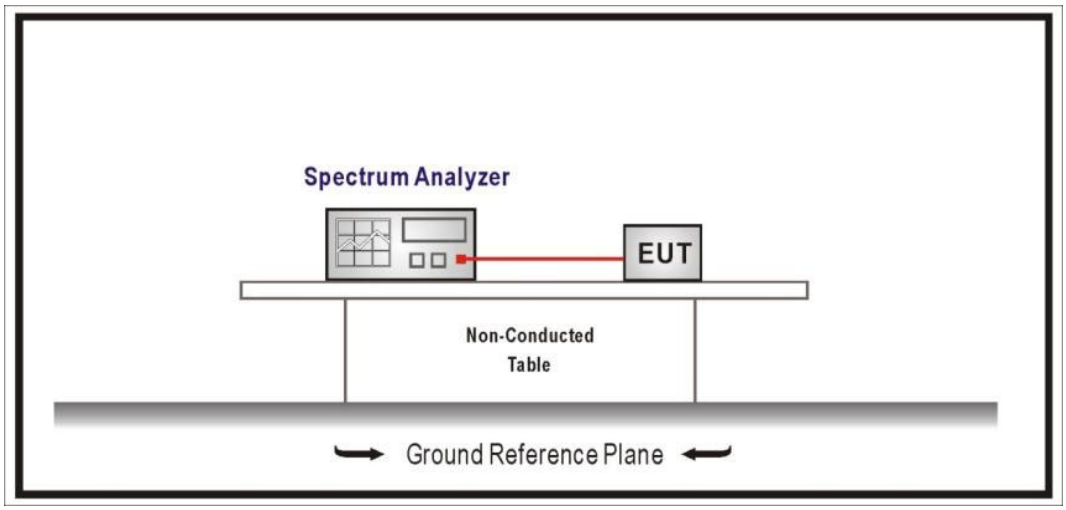
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

## 3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

# 4. Occupied Bandwidth & DTS Bandwidth

## 4.1. Test Setup




## 4.2. Test Limit

The 6 dB bandwidth: ≧ 0.50 MHz.

Occupied Bandwidth: NA

## 4.3. Test Procedures

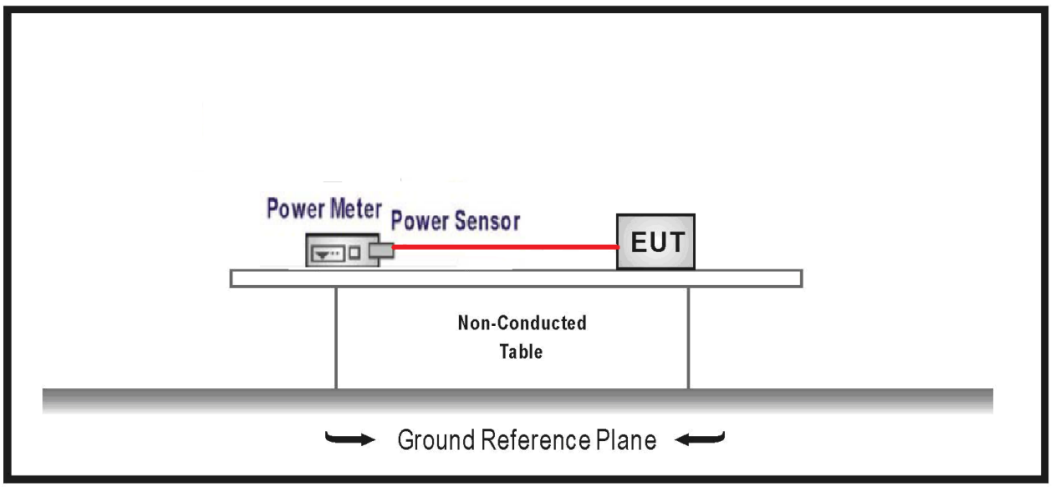
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

## 4.4. Test Result of Occupied Bandwidth & DTS Bandwidth

Refer as Appendix B

# 5. Maximum Conducted Output Power

## 5.1. Test Setup




## 5.2. Test Limit

The maximum conducted output power shall be less 30 dBm (1 Watt).

## 5.3. Test Procedures

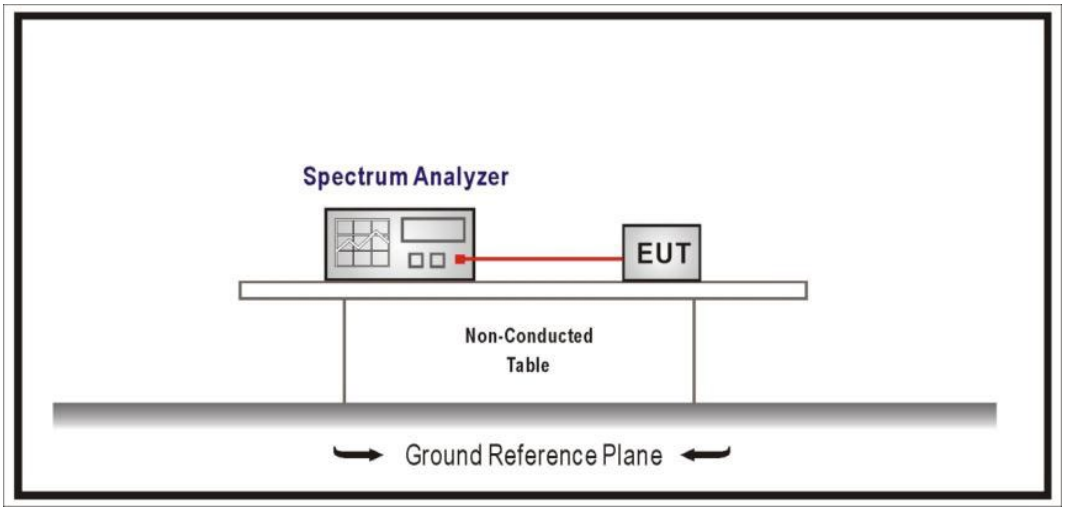
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

## 5.4. Test Result of Maximum Conducted Output Power

Refer as Appendix C

# 6. Maximum Power Spectral Density

## 6.1. Test Setup




## 6.2. Test Limit

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8 dBm in any 3 kHz band during any time interval of continuous transmission.

## 6.3. Test Procedures

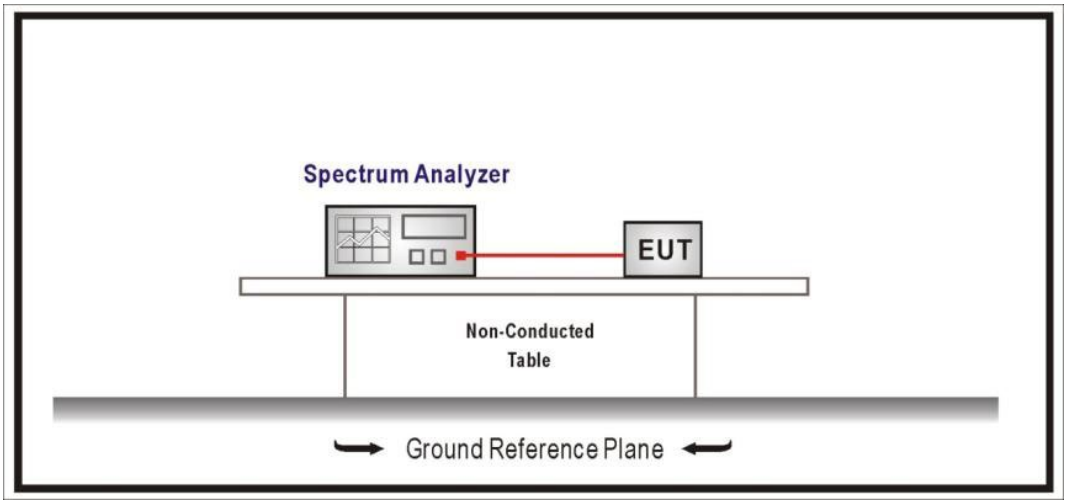
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

## 6.4. Test Result of Maximum Power Spectral Density

Refer as Appendix D

# 7. Antenna Port Conducted Emission

## 7.1. Test Setup




## 7.2. Test Limit

| RF output power procedure | Limit (dBc) |
|---|---|
| Peak output power procedure | 20 |
| Average output power procedure | 30 |

Remarks:

1. 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 limit.
2. If the transmitter complies with the conducted power limit based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

## 7.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

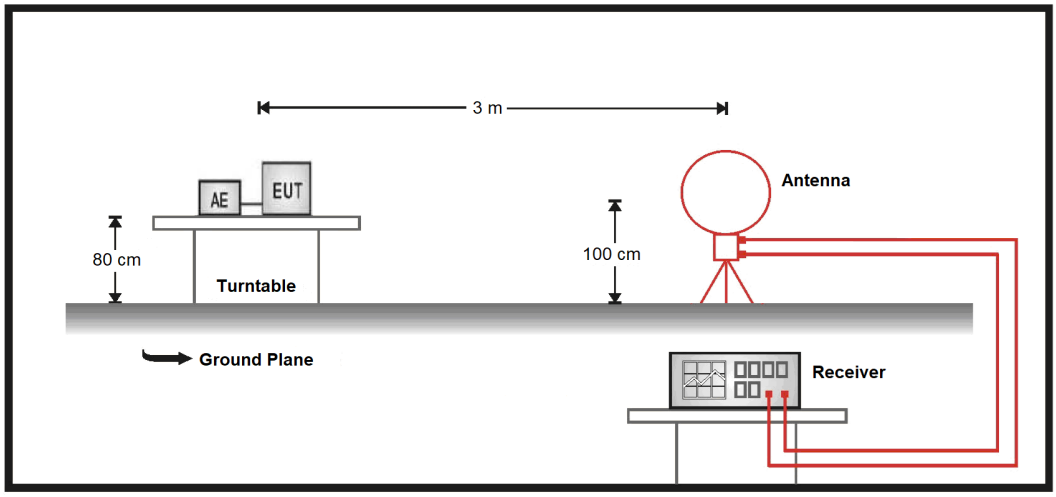
## 7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

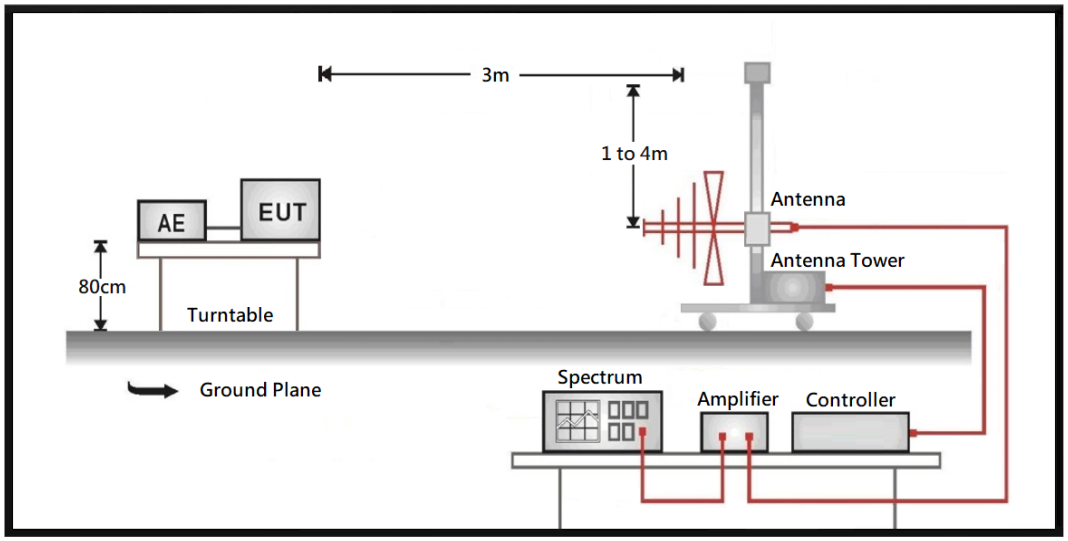
# 8. Transmitter Radiated Spurious Emission

## 8.1. Test Setup

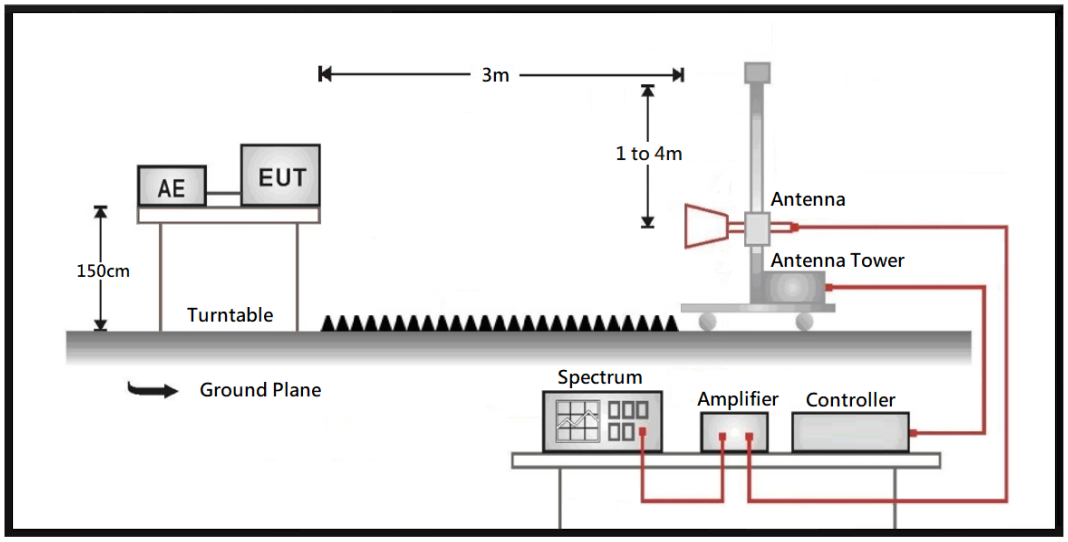
9 kHz ~ 30 MHz




30 MHz ~ 1 GHz




Above 1 GHz



## 8.2. Test Limit

| Frequency (MHz) | Field strength (uV/m) | Field strength (dBuV/m) | Measurement distance (m) |
|---|---|---|---|
| 0.009 – 0.490 | 2400/F(kHz) | 20 log (2400/F(kHz)) | 300 |
| 0.490 – 1.705 | 24000/F(kHz) | 20 log (24000/F(kHz)) | 30 |
| 1.705 - 30 | 30 | 29.5 | 30 |
| 30 - 88 | 100 | 40 | 3 |
| 88 - 216 | 150 | 43.5 | 3 |
| 216 - 960 | 200 | 46 | 3 |
| Above 960 | 500 | 54 | 3 |

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

## 8.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

On any frequency or frequencies form 9 kHz(inculde The the lowest oscillator frequency generated within the device up to the 10th harmonic) to 1000 MHz, the limit shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limit shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

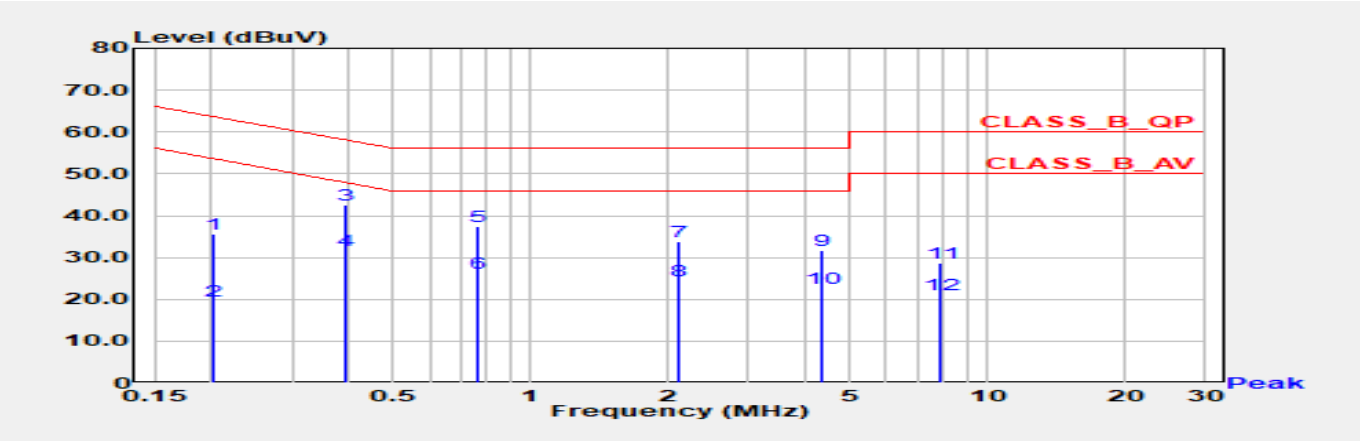
The bandwidth below 1 GHz setting on the field strength meter is 120 kHz and above 1 GHz is 1 MHz.

## 8.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix F

## Appendix A. Test Result of AC Power Line Conducted Emission

| Test Mode | Mode 1: EUT + Adapter | Phase | Line |
|---|---|---|---|
| Test Condition | 802.11ac (40MHz) / Ant. 0 + Ant. 1 / 2437 MHz | | |

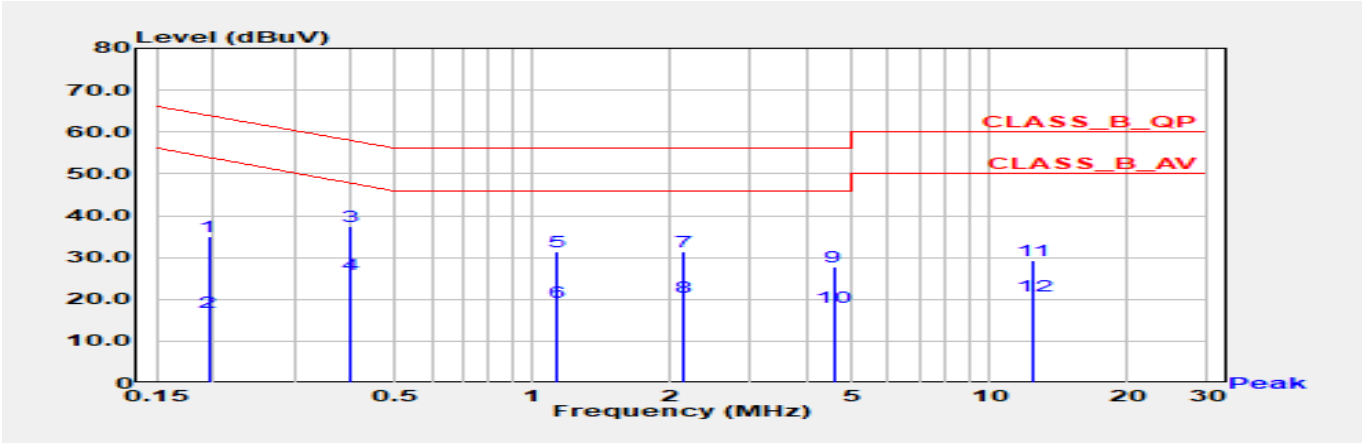



| No | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| 1 | 0.202 | 35.58 | 63.54 | -27.95 | 25.71 | 9.87 | QP |
| 2 | 0.202 | 19.61 | 53.54 | -33.93 | 9.74 | 9.87 | AV |
| *3 | 0.395 | 42.56 | 57.95 | -15.39 | 32.68 | 9.88 | QP |
| *4 | 0.395 | 31.84 | 47.95 | -16.11 | 21.96 | 9.88 | AV |
| 5 | 0.764 | 37.28 | 56.00 | -18.72 | 27.37 | 9.91 | QP |
| 6 | 0.764 | 26.30 | 46.00 | -19.70 | 16.39 | 9.91 | AV |
| 7 | 2.121 | 33.85 | 56.00 | -22.15 | 23.86 | 9.99 | QP |
| 8 | 2.121 | 24.54 | 46.00 | -21.46 | 14.55 | 9.99 | AV |
| 9 | 4.321 | 31.74 | 56.00 | -24.26 | 21.65 | 10.09 | QP |
| 10 | 4.321 | 22.62 | 46.00 | -23.38 | 12.53 | 10.09 | AV |
| 11 | 7.919 | 28.82 | 60.00 | -31.18 | 18.62 | 10.20 | QP |
| 12 | 7.919 | 21.01 | 50.00 | -28.99 | 10.81 | 10.20 | AV |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

| Test Mode | Mode 1: EUT + Adapter | Phase | Neutral |
|---|---|---|---|
| Test Condition | 802.11ac (40MHz) / Ant. 0 + Ant. 1 / 2437 MHz | | |

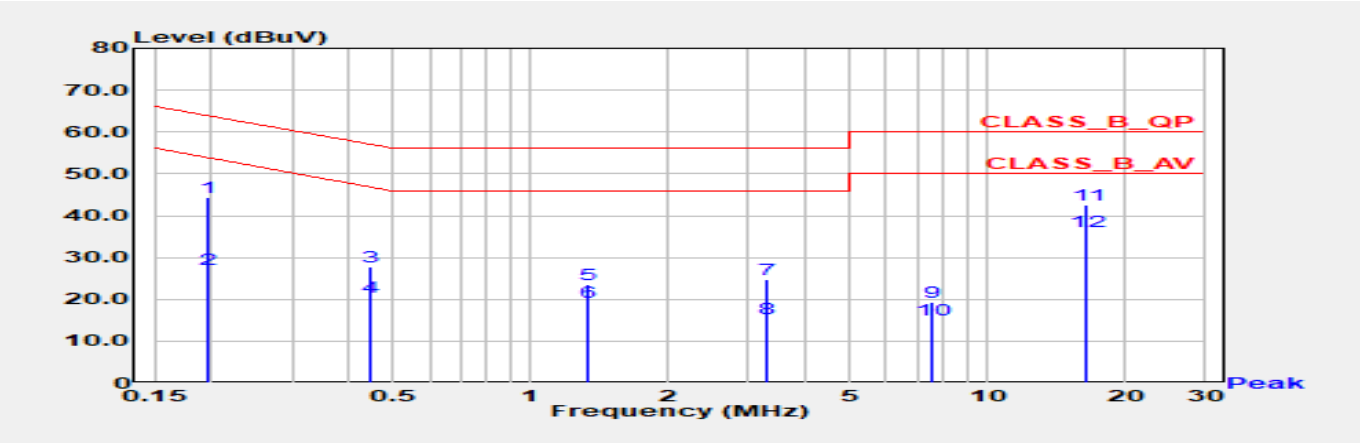



| No | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| 1 | 0.195 | 35.07 | 63.82 | -28.75 | 25.22 | 9.85 | QP |
| 2 | 0.195 | 16.79 | 53.82 | -37.03 | 6.94 | 9.85 | AV |
| *3 | 0.397 | 37.46 | 57.91 | -20.45 | 27.59 | 9.87 | QP |
| *4 | 0.397 | 25.85 | 47.91 | -22.05 | 15.98 | 9.87 | AV |
| 5 | 1.124 | 31.33 | 56.00 | -24.67 | 21.40 | 9.93 | QP |
| 6 | 1.124 | 19.37 | 46.00 | -26.63 | 9.44 | 9.93 | AV |
| 7 | 2.125 | 31.37 | 56.00 | -24.63 | 21.40 | 9.97 | QP |
| 8 | 2.125 | 20.49 | 46.00 | -25.51 | 10.52 | 9.97 | AV |
| 9 | 4.553 | 27.71 | 56.00 | -28.29 | 17.65 | 10.06 | QP |
| 10 | 4.553 | 18.08 | 46.00 | -27.92 | 8.02 | 10.06 | AV |
| 11 | 12.381 | 29.25 | 60.00 | -30.75 | 19.02 | 10.23 | QP |
| 12 | 12.381 | 20.70 | 50.00 | -29.30 | 10.46 | 10.23 | AV |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

| Test Mode | Mode 2: EUT + PoE | Phase | Line |
|---|---|---|---|
| Test Condition | 802.11ac (40MHz) / Ant. 0 + Ant. 1 / 2437 MHz | | |

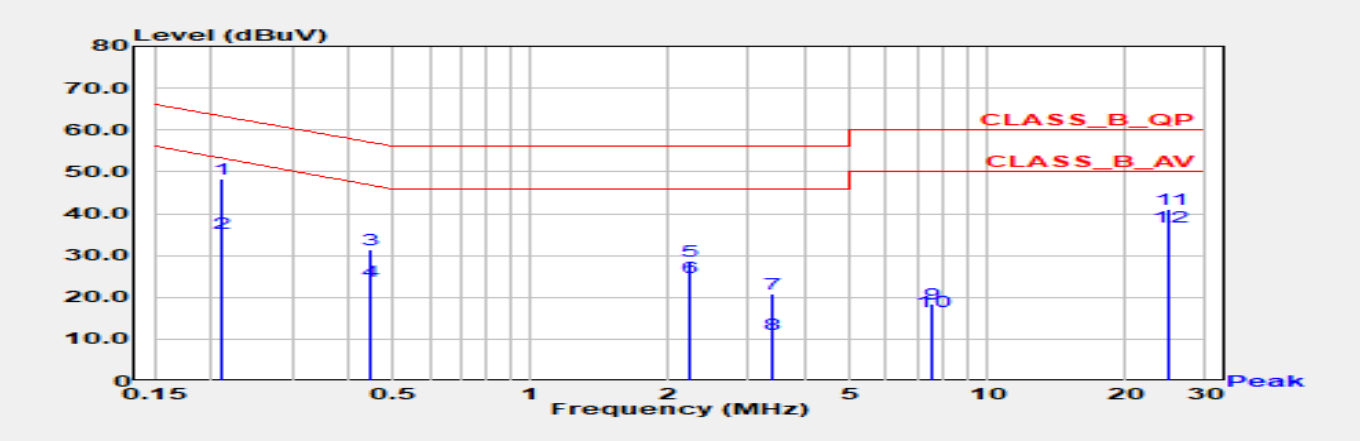



| No | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| 1 | 0.197 | 44.44 | 63.73 | -19.28 | 34.57 | 9.87 | QP |
| 2 | 0.197 | 27.20 | 53.73 | -26.53 | 17.32 | 9.87 | AV |
| 3 | 0.447 | 27.70 | 56.93 | -29.23 | 17.81 | 9.89 | QP |
| 4 | 0.447 | 20.55 | 46.93 | -26.38 | 10.66 | 9.89 | AV |
| 5 | 1.340 | 23.58 | 56.00 | -32.42 | 13.63 | 9.95 | QP |
| 6 | 1.340 | 19.41 | 46.00 | -26.59 | 9.46 | 9.95 | AV |
| 7 | 3.266 | 24.67 | 56.00 | -31.33 | 14.63 | 10.04 | QP |
| 8 | 3.266 | 15.47 | 46.00 | -30.53 | 5.43 | 10.04 | AV |
| 9 | 7.591 | 19.29 | 60.00 | -40.71 | 9.10 | 10.19 | QP |
| 10 | 7.591 | 15.18 | 50.00 | -34.82 | 4.99 | 10.19 | AV |
| *11 | 16.525 | 42.68 | 60.00 | -17.32 | 32.30 | 10.37 | QP |
| *12 | 16.525 | 36.08 | 50.00 | -13.92 | 25.70 | 10.37 | AV |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

| Test Mode | Mode 2: EUT + PoE | Phase | Neutral |
|---|---|---|---|
| Test Condition | 802.11ac (40MHz) / Ant. 0 + Ant. 1 / 2437 MHz | | |




| No | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|---|---|---|---|---|---|---|---|
| *1 | 0.211 | 48.26 | 63.18 | -14.91 | 38.41 | 9.86 | QP |
| 2 | 0.211 | 35.29 | 53.18 | -17.89 | 25.43 | 9.86 | AV |
| 3 | 0.447 | 31.51 | 56.93 | -25.42 | 21.64 | 9.88 | QP |
| 4 | 0.447 | 23.78 | 46.93 | -23.15 | 13.91 | 9.88 | AV |
| 5 | 2.233 | 28.64 | 56.00 | -27.36 | 18.66 | 9.98 | QP |
| 6 | 2.233 | 24.89 | 46.00 | -21.11 | 14.91 | 9.98 | AV |
| 7 | 3.383 | 20.83 | 56.00 | -35.17 | 10.81 | 10.02 | QP |
| 8 | 3.383 | 11.23 | 46.00 | -34.77 | 1.21 | 10.02 | AV |
| 9 | 7.591 | 18.38 | 60.00 | -41.62 | 8.23 | 10.15 | QP |
| 10 | 7.591 | 16.61 | 50.00 | -33.39 | 6.47 | 10.15 | AV |
| 11 | 25.007 | 40.92 | 60.00 | -19.08 | 30.50 | 10.42 | QP |
| *12 | 25.007 | 36.81 | 50.00 | -13.19 | 26.39 | 10.42 | AV |

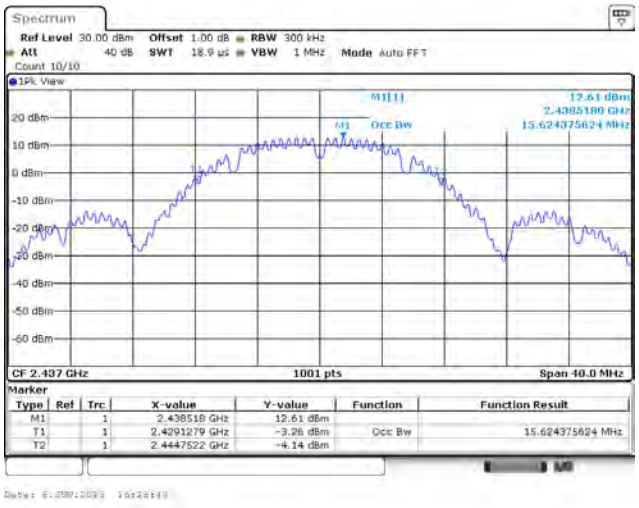
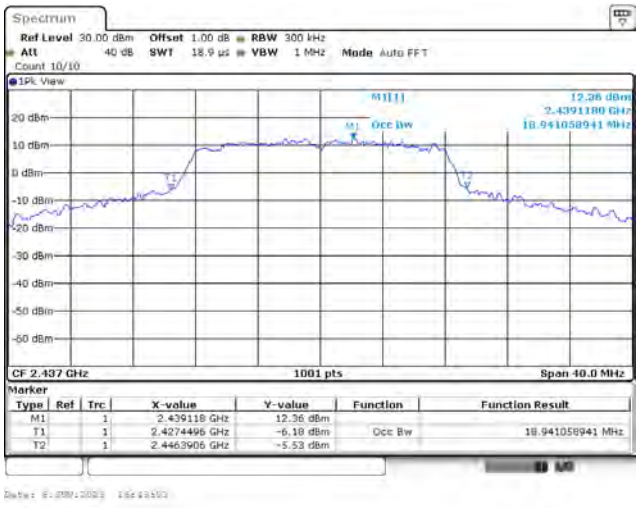
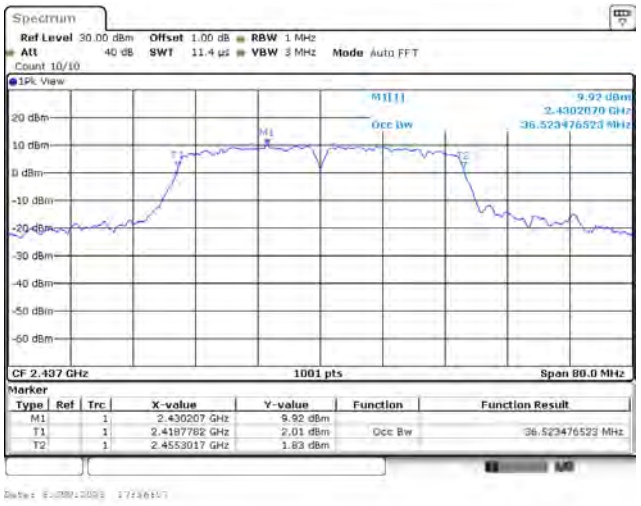
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

## Appendix B.1 Test Result of Occupied Bandwidth

| Modulation | Frequency (MHz) | Occupied Bandwidth (MHz) | Limit (MHz) |
|---|---|---|---|
| | | Ant. 1 | |
| 802.11b | 2412 | 15.304 | - |
| | 2437 | 15.624 | - |
| | 2462 | 15.384 | - |
| 802.11g | 2412 | 16.823 | - |
| | 2437 | 18.941 | - |
| | 2462 | 16.703 | - |

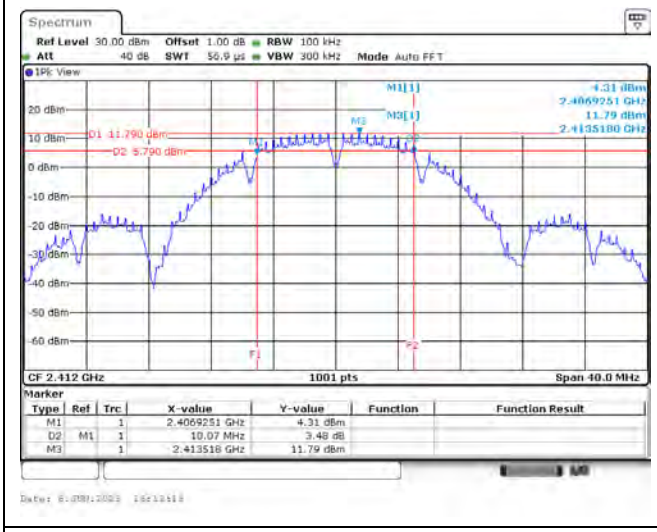
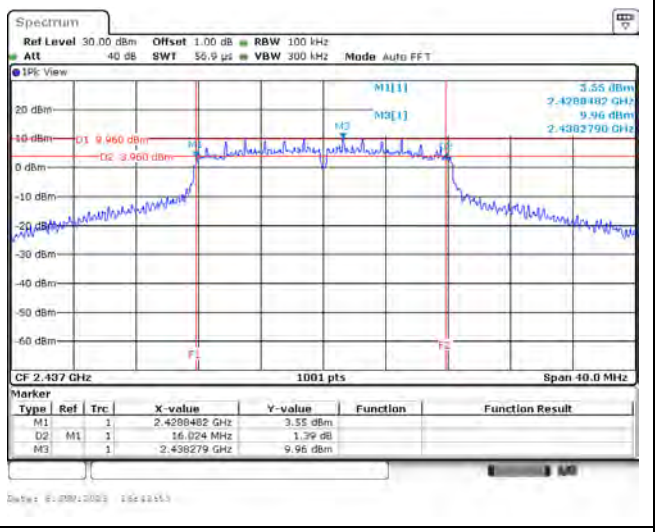
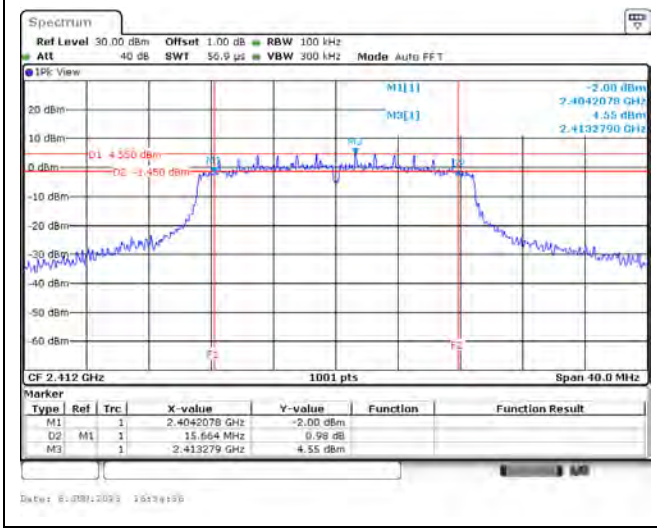
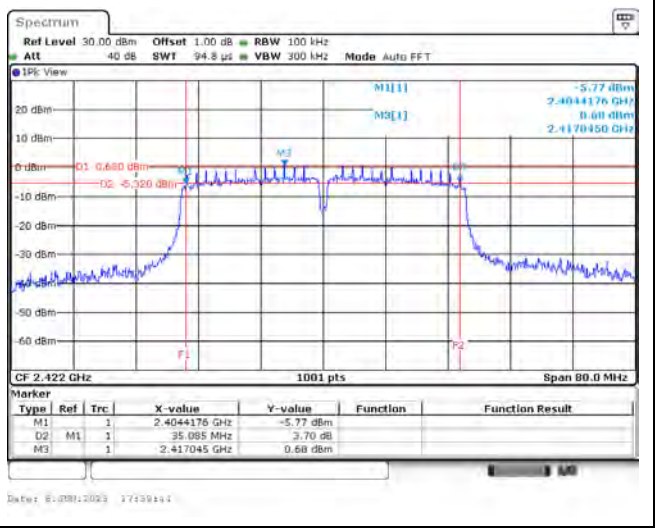
| Modulation | Frequency (MHz) | Occupied Bandwidth (MHz) | | Limit (MHz) |
|---|---|---|---|---|
| | | Ant. 0 | Ant. 1 | |
| 802.11ac (20 MHz) | 2412 | 17.822 | 17.902 | - |
| | 2437 | 17.902 | 18.421 | - |
| | 2462 | 17.662 | 17.822 | - |
| 802.11ac (40 MHz) | 2422 | 36.283 | 36.363 | - |
| | 2437 | 36.283 | 36.523 | - |
| | 2452 | 36.443 | 36.443 | - |

| Spectrum plot of maximum value | |
|---|---|
| 802.11b / Ant. 1 / 2437 MHz | 802.11g / Ant. 1 / 2437 MHz |
|  |  |
| 802.11ac (20 MHz) / Ant. 1 / 2437 MHz | 802.11ac (40 MHz) / Ant. 1 / 2437 MHz |
|  |  |

## Appendix B.2 Test Result of DTS Bandwidth

| Modulation | Frequency (MHz) | DTS Bandwidth (MHz) | Limit (MHz) | Result |
|---|---|---|---|---|
| | | Ant. 1 | | |
| 802.11b | 2412 | 10.070 | ≧0.50 | Pass |
| | 2437 | 10.070 | ≧0.50 | Pass |
| | 2462 | 10.070 | ≧0.50 | Pass |
| 802.11g | 2412 | 15.624 | ≧0.50 | Pass |
| | 2437 | 16.024 | ≧0.50 | Pass |
| | 2462 | 15.664 | ≧0.50 | Pass |

| Modulation | Frequency (MHz) | DTS Bandwidth (MHz) | | Limit (MHz) | Result |
|---|---|---|---|---|---|
| | | Ant. 0 | Ant. 1 | | |
| 802.11ac (20 MHz) | 2412 | 16.783 | 15.664 | ≧0.50 | Pass |
| | 2437 | 15.784 | 15.904 | ≧0.50 | Pass |
| | 2462 | 16.024 | 16.663 | ≧0.50 | Pass |
| 802.11ac (40 MHz) | 2422 | 35.165 | 35.085 | ≧0.50 | Pass |
| | 2437 | 35.085 | 35.085 | ≧0.50 | Pass |
| | 2452 | 35.085 | 35.085 | ≧0.50 | Pass |

| Spectrum plot of worst value | |
|---|---|
| 802.11b / Ant. 1 / 2412 MHz | 802.11g / Ant. 1 / 2437 MHz |
|  |  |
| 802.11ac (20 MHz) / Ant. 1 / 2412 MHz | 802.11ac (40 MHz) / Ant. 1 / 2422 MHz |
|  |  |

## Appendix C. Test Result of Maximum Conducted Output Power

| Modulation | Frequency (MHz) | Maximum Conducted Output Power (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|
| | | Ant. 1 | | |
| 802.11b | 2412 | 21.49 | ≦30.00 | Pass |
| | 2437 | 22.78 | ≦30.00 | Pass |
| | 2462 | 22.18 | ≦30.00 | Pass |
| 802.11g | 2412 | 17.62 | ≦30.00 | Pass |
| | 2437 | 20.91 | ≦30.00 | Pass |
| | 2462 | 18.35 | ≦30.00 | Pass |

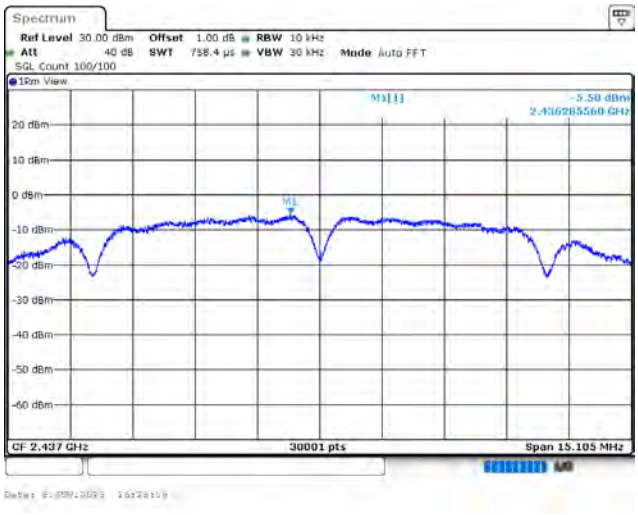
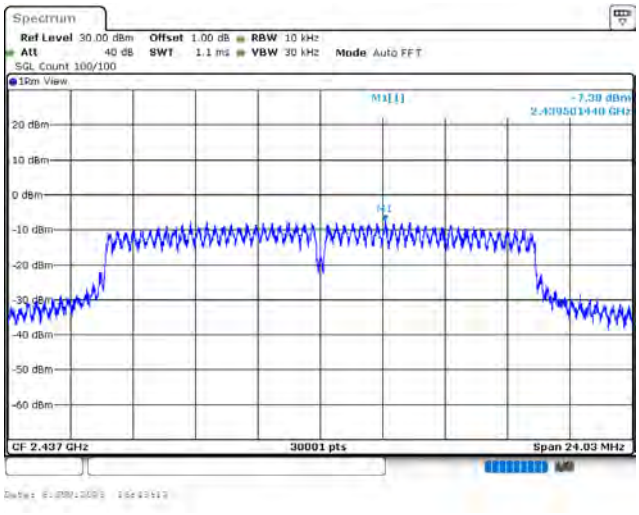
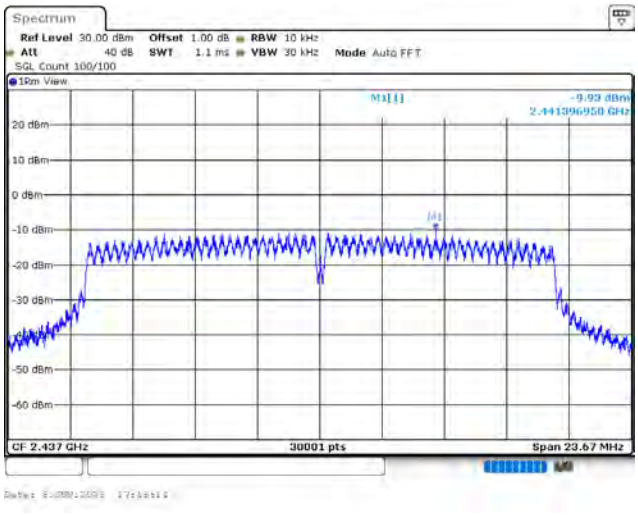
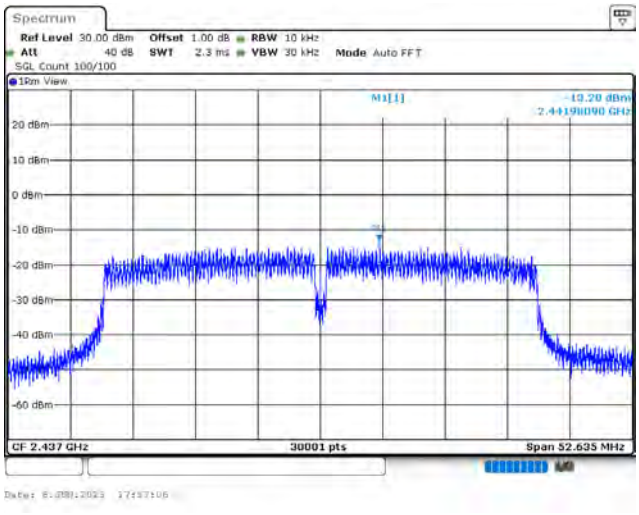
| Modulation | Frequency (MHz) | Maximum Conducted Output Power (dBm) | | | Limit (dBm) | Result |
|---|---|---|---|---|---|---|
| | | Ant. 0 | Ant. 1 | Total | | |
| 802.11ac (20 MHz) | 2412 | 15.54 | 15.83 | 18.70 | ≦30.00 | Pass |
| | 2437 | 19.52 | 19.94 | 22.75 | ≦30.00 | Pass |
| | 2462 | 16.21 | 16.92 | 19.59 | ≦30.00 | Pass |
| 802.11ac (40 MHz) | 2422 | 14.84 | 15.21 | 18.04 | ≦30.00 | Pass |
| | 2437 | 16.38 | 17.14 | 19.79 | ≦30.00 | Pass |
| | 2452 | 13.63 | 14.42 | 17.05 | ≦30.00 | Pass |

## Appendix D.Test Result of Maximum Power Spectral Density

| Modulation | Frequency (MHz) | Power Spectral Density (dBm / 3kHz) | | Limit (dBm / 3kHz) | Result |
|---|---|---|---|---|---|
| | | Ant. 1 | Total | | |
| 802.11b | 2412 | -6.480 | -6.325 | ≦8.00 | Pass |
| | 2437 | -5.500 | -5.345 | ≦8.00 | Pass |
| | 2462 | -6.180 | -6.025 | ≦8.00 | Pass |
| 802.11g | 2412 | -9.750 | -9.425 | ≦8.00 | Pass |
| | 2437 | -7.380 | -7.055 | ≦8.00 | Pass |
| | 2462 | -10.570 | -10.245 | ≦8.00 | Pass |

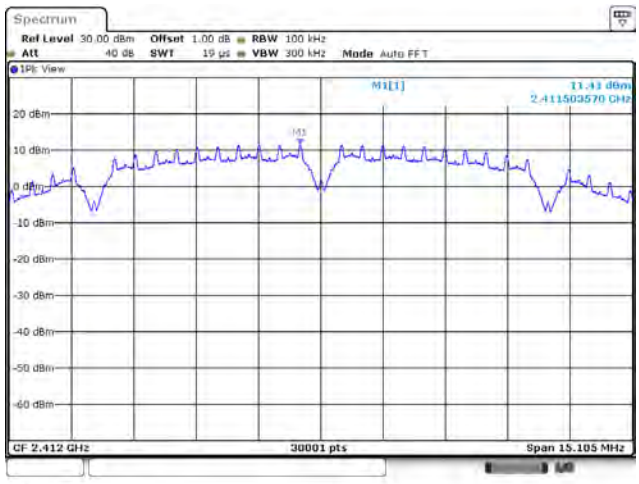
| Modulation | Frequency (MHz) | Power Spectral Density (dBm / 3kHz) | | | Limit (dBm / 3kHz) | Result |
|---|---|---|---|---|---|---|
| | | Ant. 0 | Ant. 1 | Total | | |
| 802.11ac (20 MHz) | 2412 | -13.350 | -12.550 | -9.574 | ≦8.00 | Pass |
| | 2437 | -9.930 | -10.620 | -6.903 | ≦8.00 | Pass |
| | 2462 | -12.970 | -12.080 | -9.144 | ≦8.00 | Pass |
| 802.11ac (40 MHz) | 2422 | -15.500 | -16.790 | -12.365 | ≦8.00 | Pass |
| | 2437 | -14.240 | -13.200 | -9.957 | ≦8.00 | Pass |
| | 2452 | -18.360 | -17.770 | -14.323 | ≦8.00 | Pass |

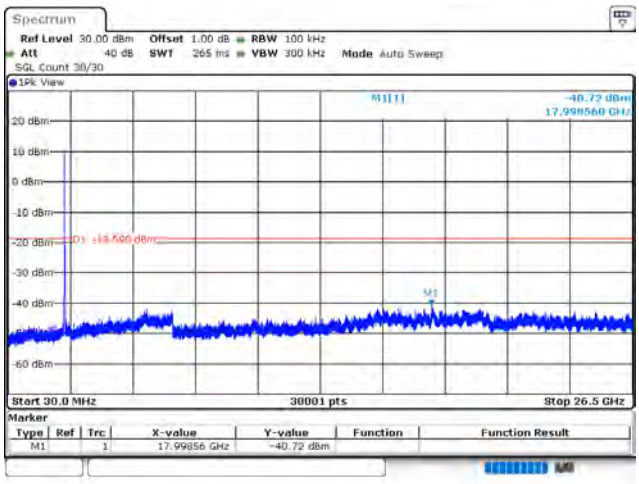
Note: Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 1.10.

| Spectrum plot of worst value | |
|---|---|
| 802.11b / Ant. 1 / 2437 MHz | 802.11g / Ant. 1 / 2437 MHz |
|  |  |
| 802.11ac (20 MHz) / Ant. 0 / 2437 MHz | 802.11ac (40 MHz) / Ant. 1 / 2437 MHz |
|  |  |

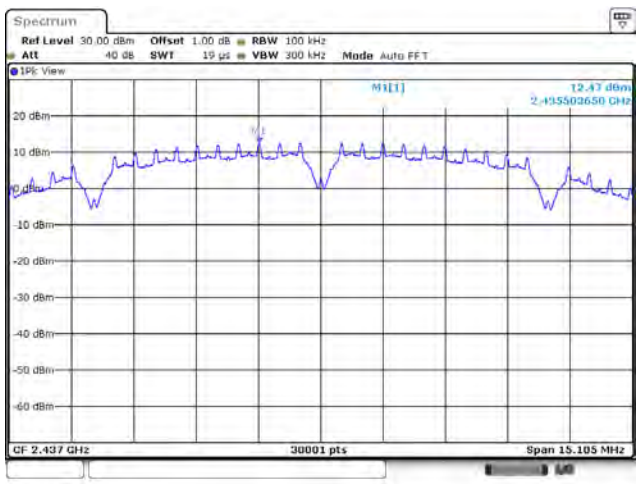
## Appendix E. Test Result of Antenna Port Conducted Emission

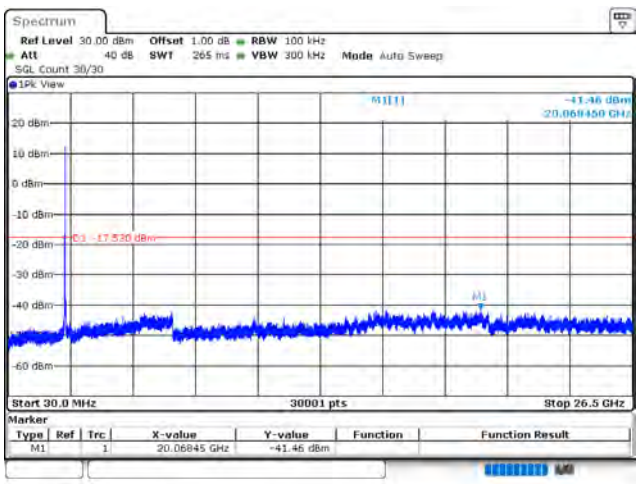
**802.11b / Ant. 1 / 2412 MHz**



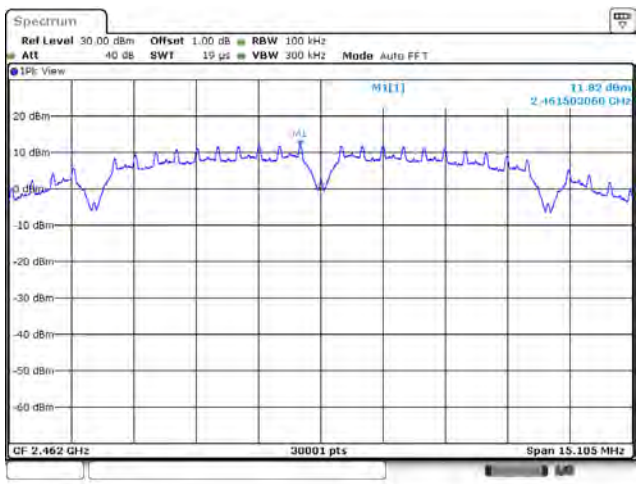



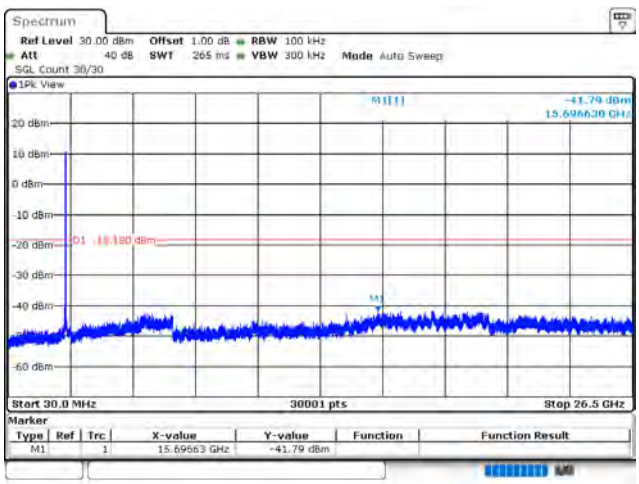

**802.11b / Ant. 1 / 2437 MHz**



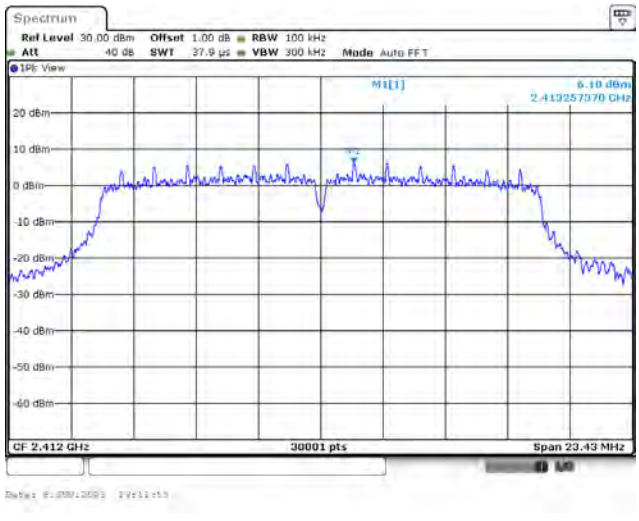



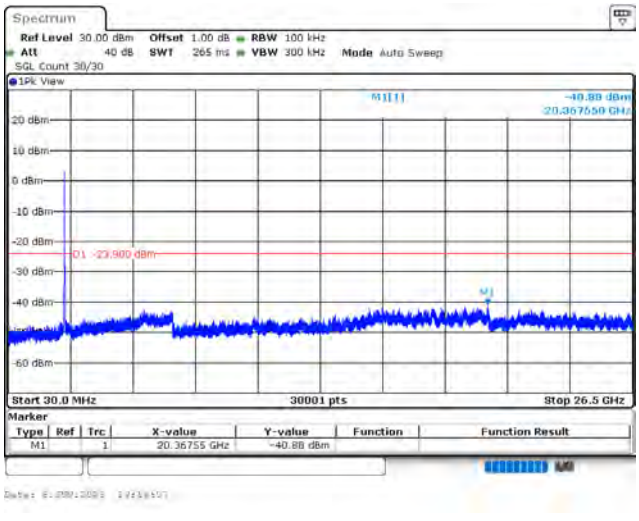

**802.11b/ Ant. 1 / 2462 MHz**



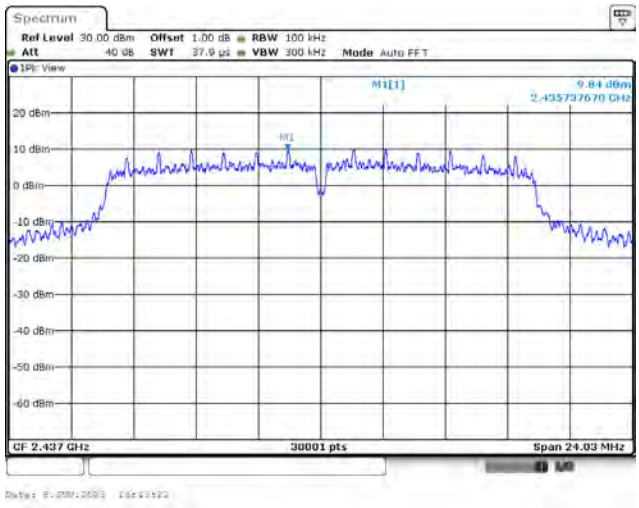



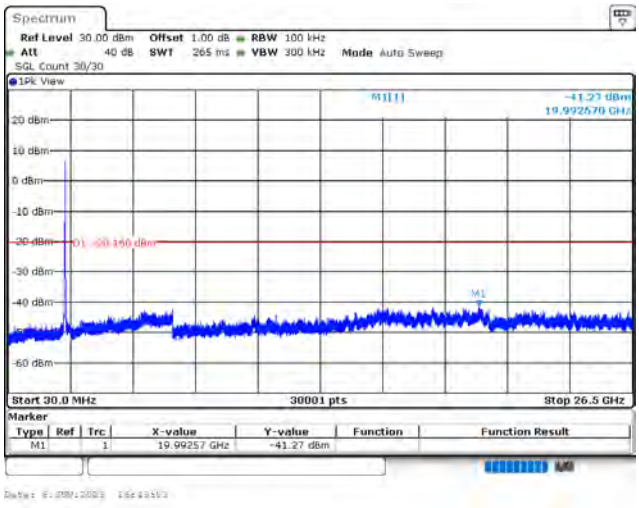
**802.11g / Ant. 1 / 2412 MHz**



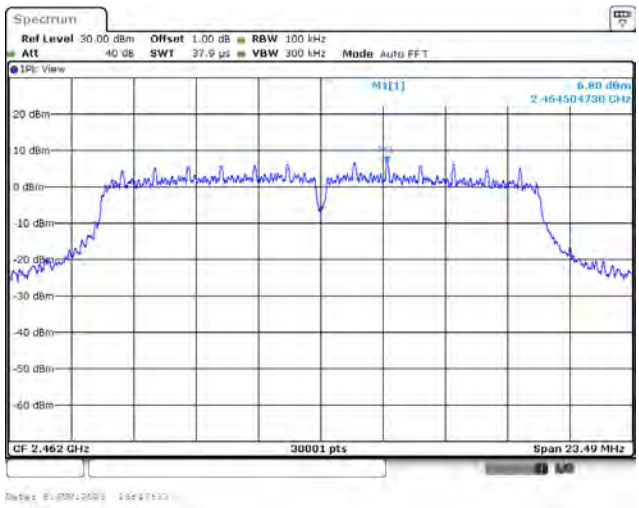



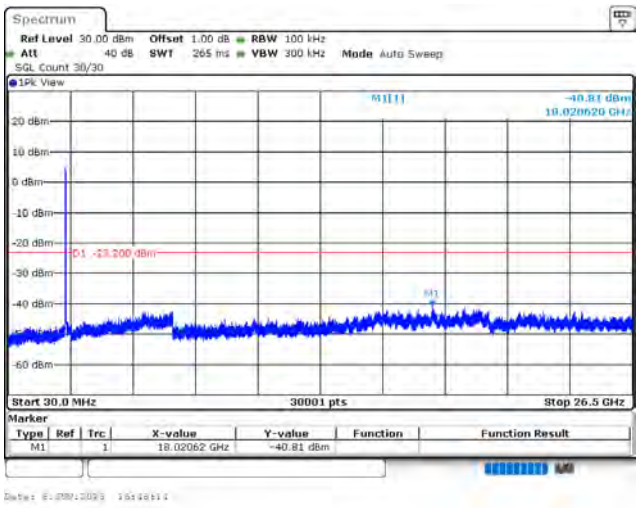

**802.11g / Ant. 1 / 2437 MHz**



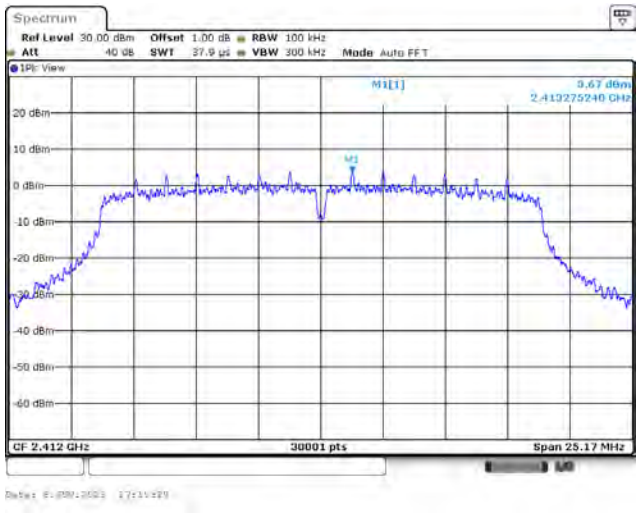



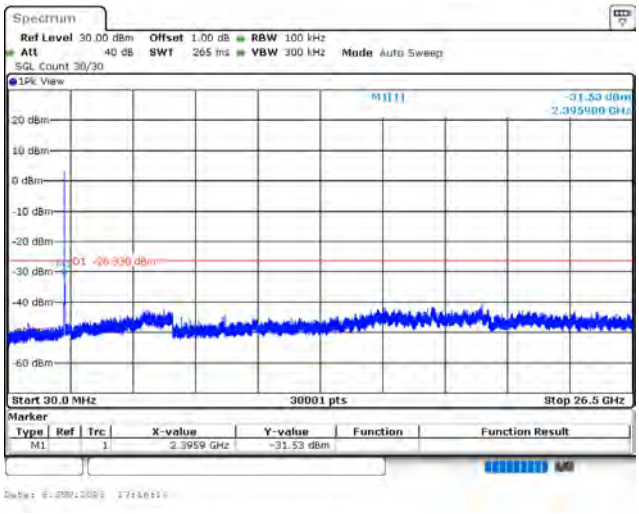

**802.11g / Ant. 1 / 2462 MHz**



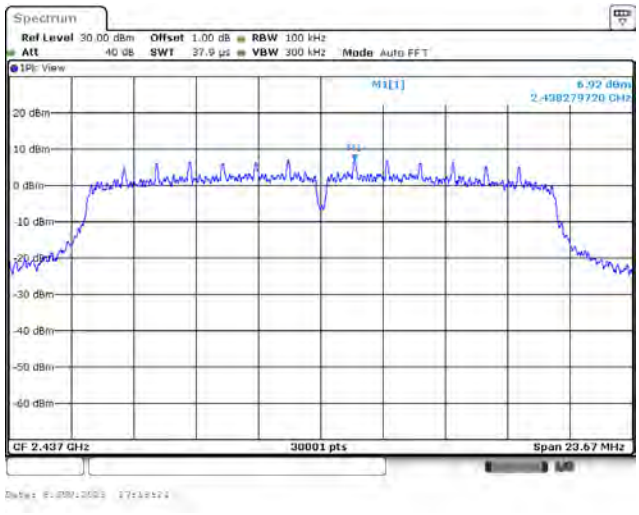



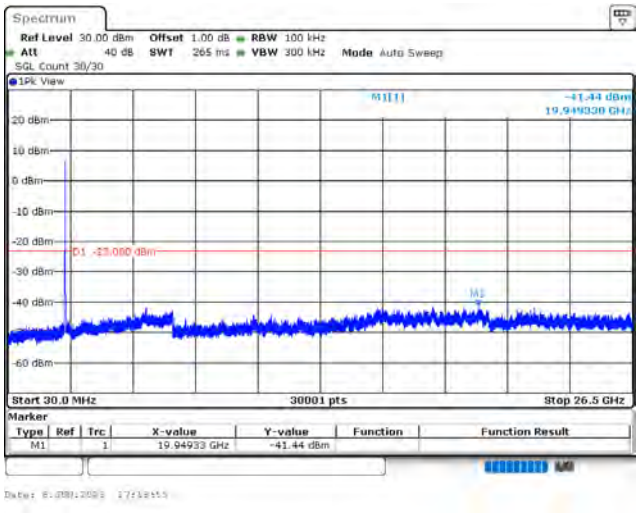
**802.11ac (20 MHz) / Ant. 0 / 2412 MHz**



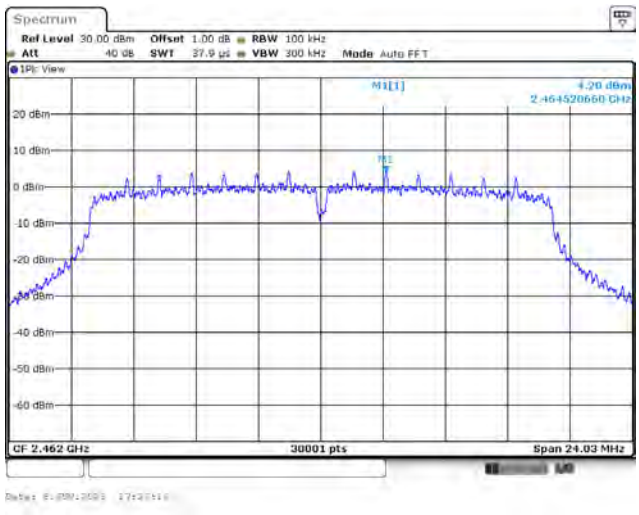



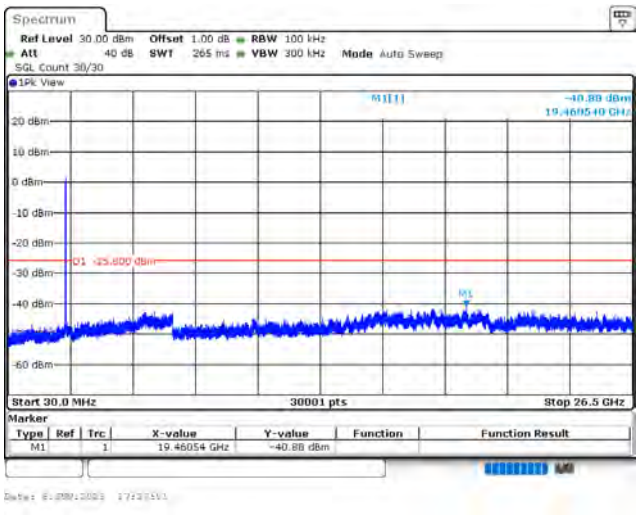

**802.11ac (20 MHz) / Ant. 0 / 2437 MHz**



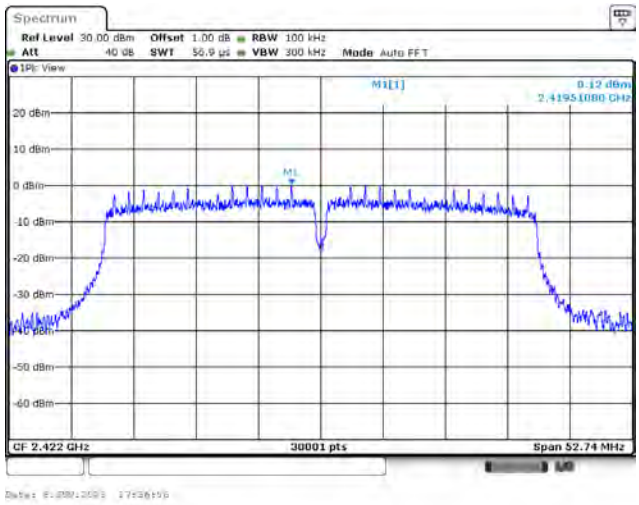



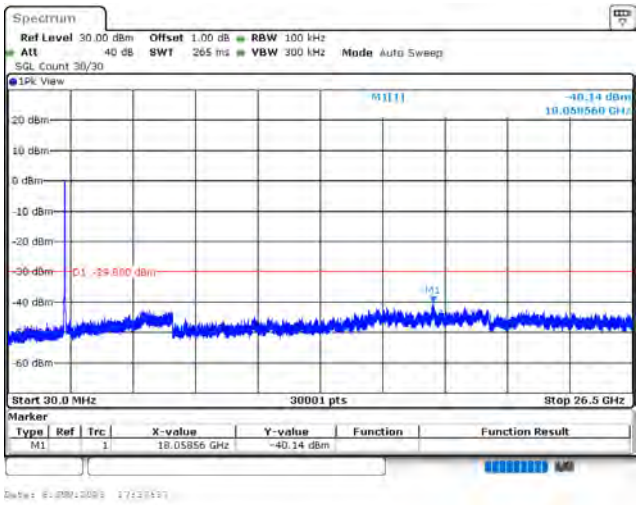

**802.11ac (20 MHz) / Ant. 0 / 2462 MHz**



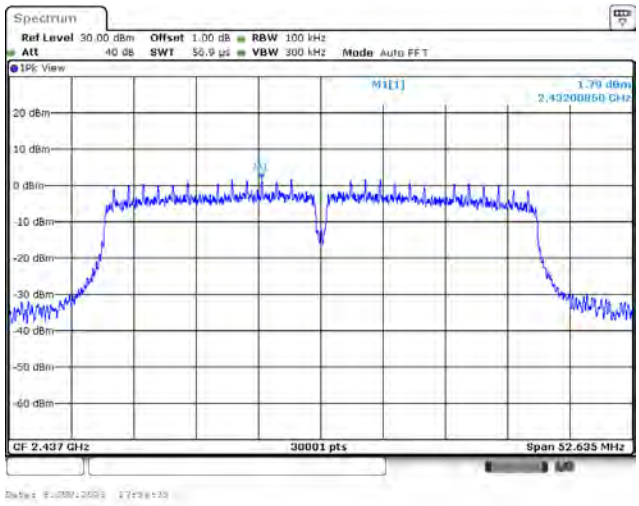



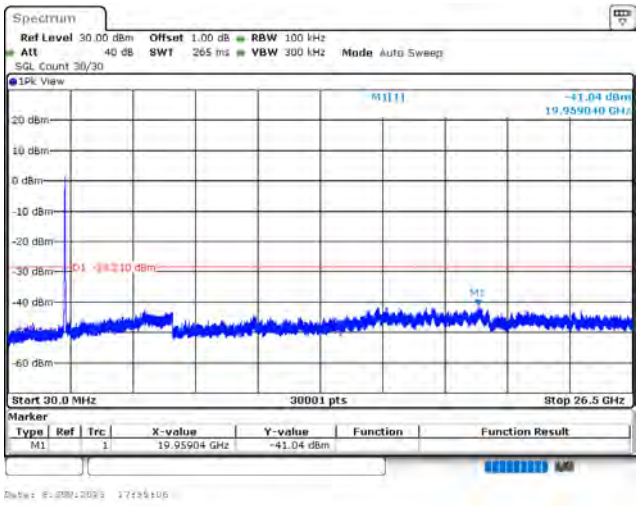
## 802.11ac (40 MHz) / Ant. 0 / 2422 MHz



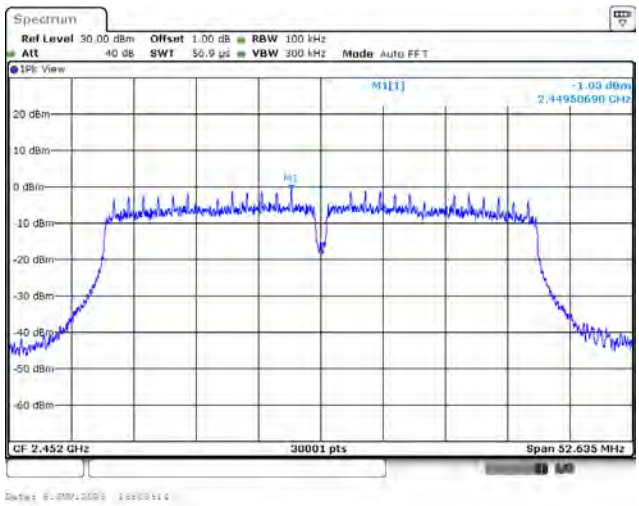



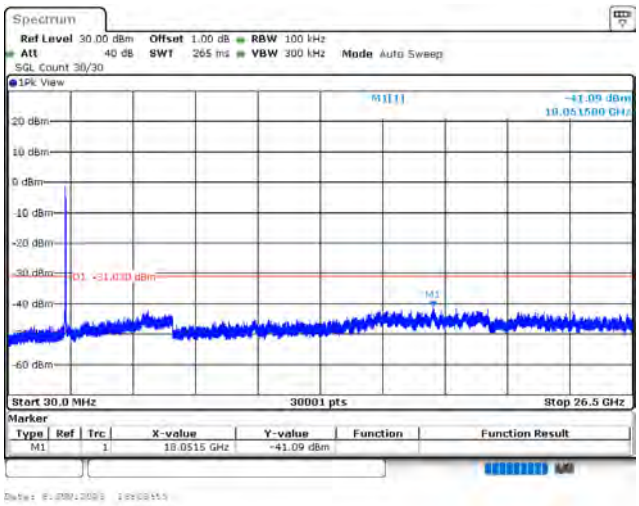

## 802.11ac (40 MHz) / Ant. 0 / 2437 MHz



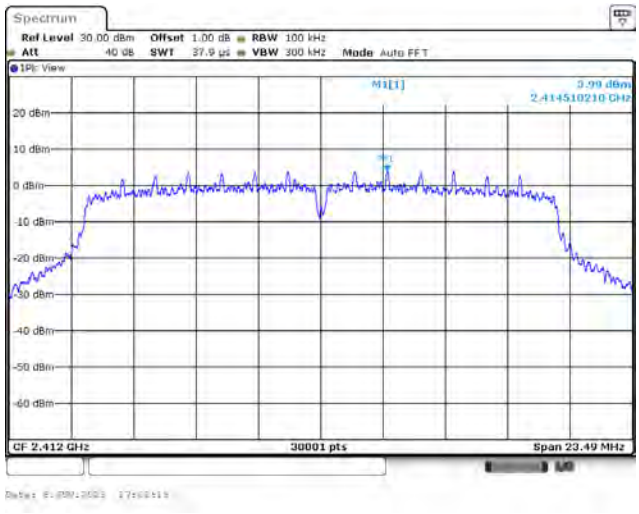



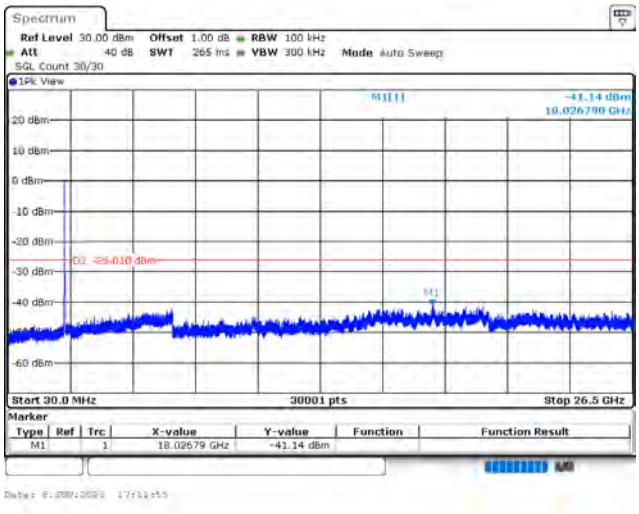

## 802.11ac (40 MHz) / Ant. 0 / 2452 MHz



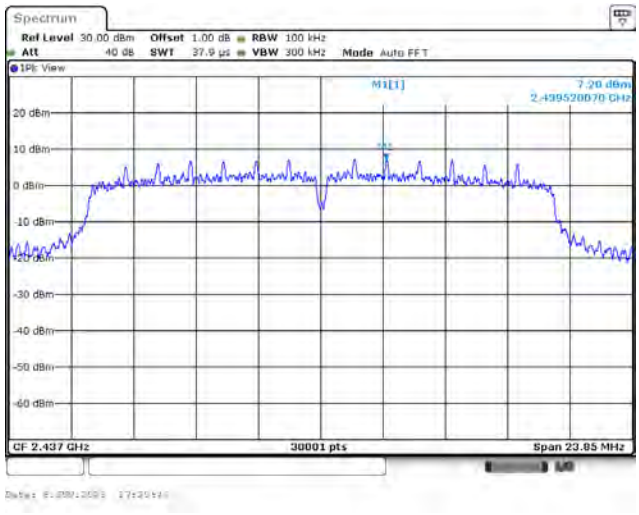



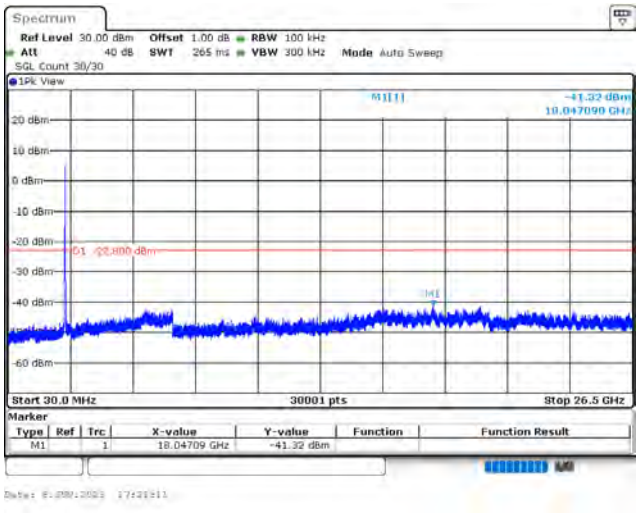
**802.11ac (20 MHz) / Ant. 1 / 2412 MHz**



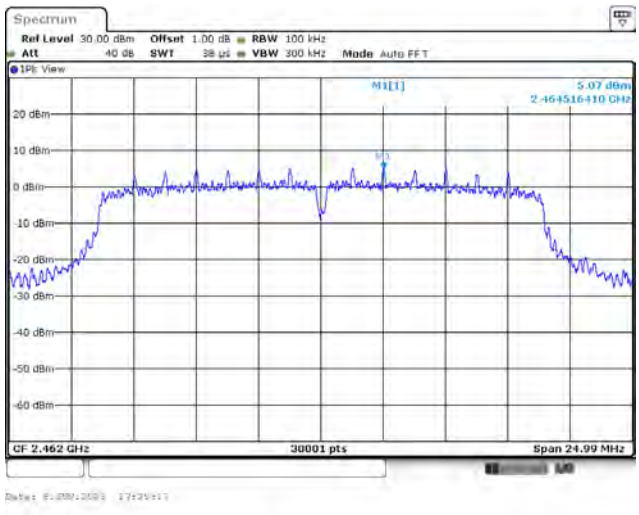



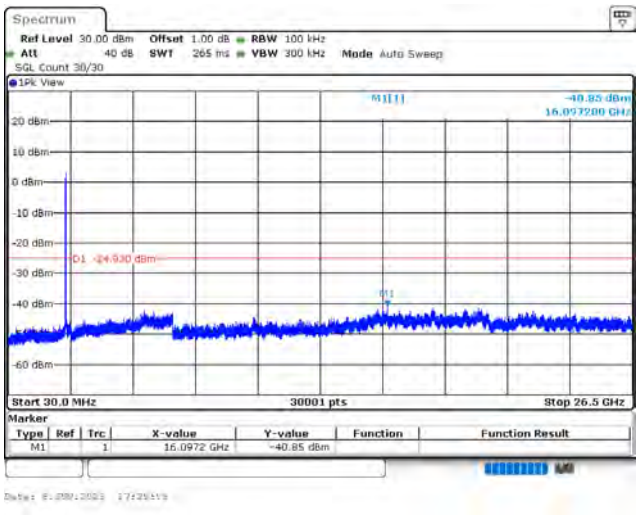

**802.11ac (20 MHz) / Ant. 1 / 2437 MHz**



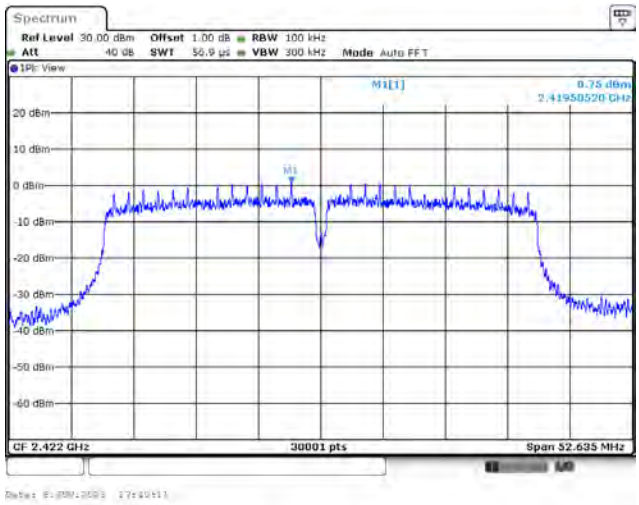



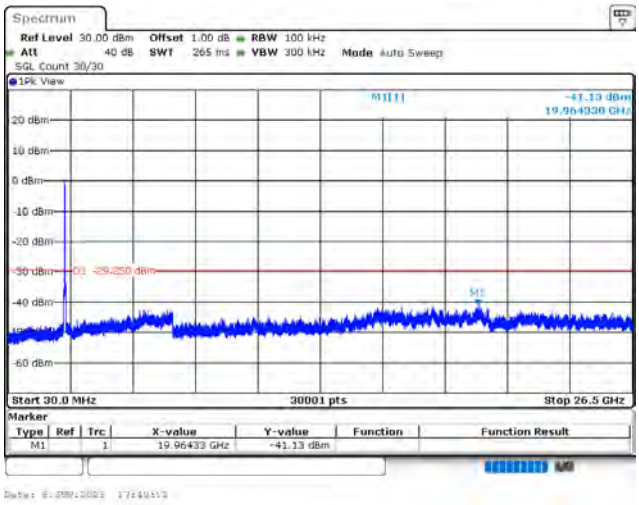

**802.11ac (20 MHz) / Ant. 1 / 2462 MHz**



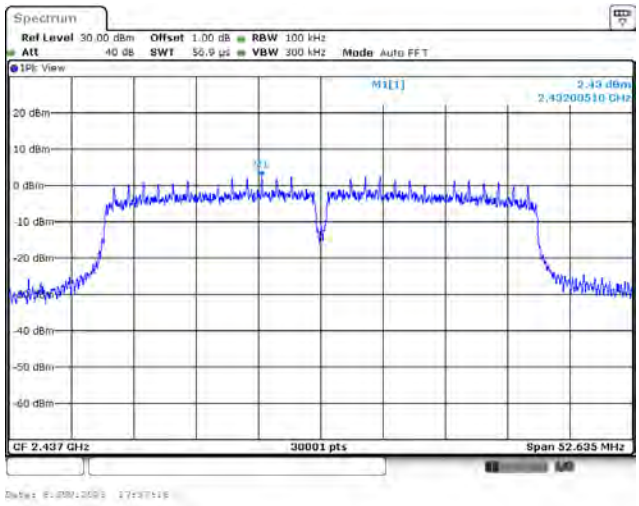



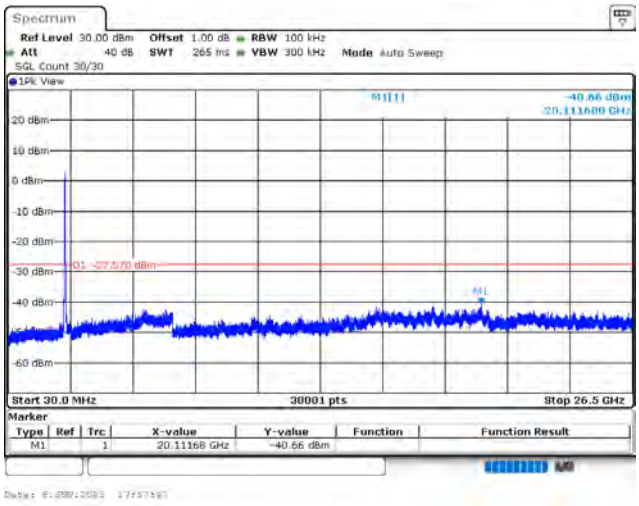
**802.11ac (40 MHz) / Ant. 1 / 2422 MHz**



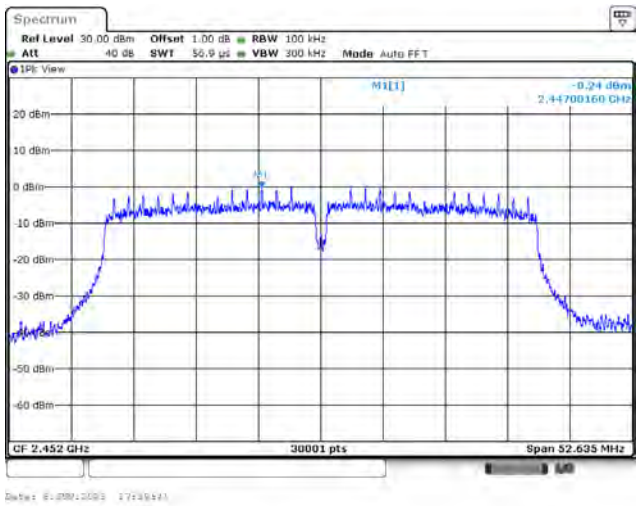



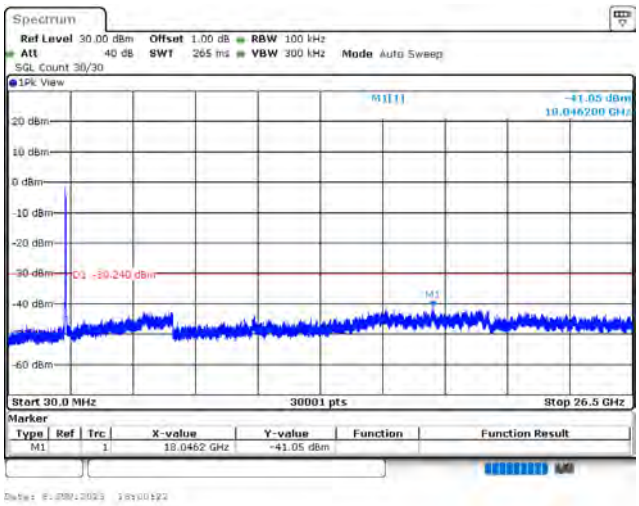

**802.11ac (40 MHz) / Ant. 1 / 2437 MHz**

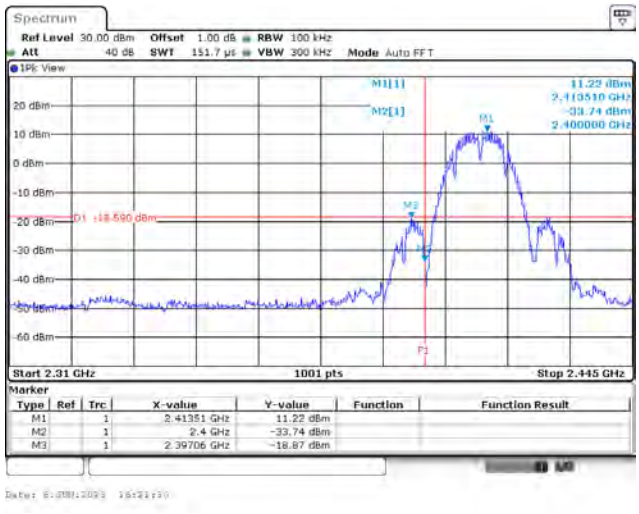
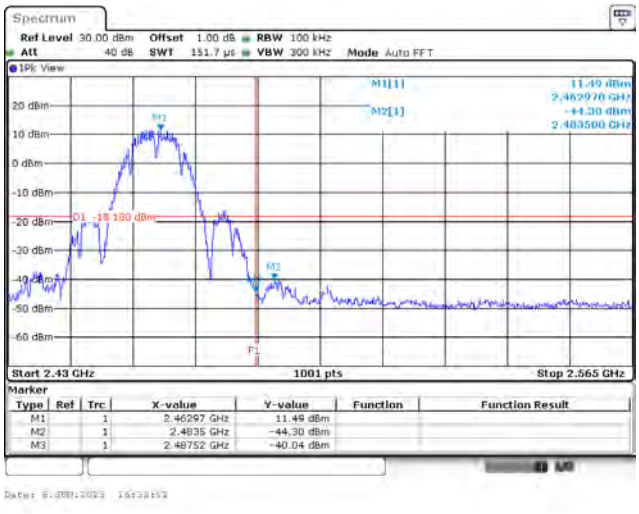
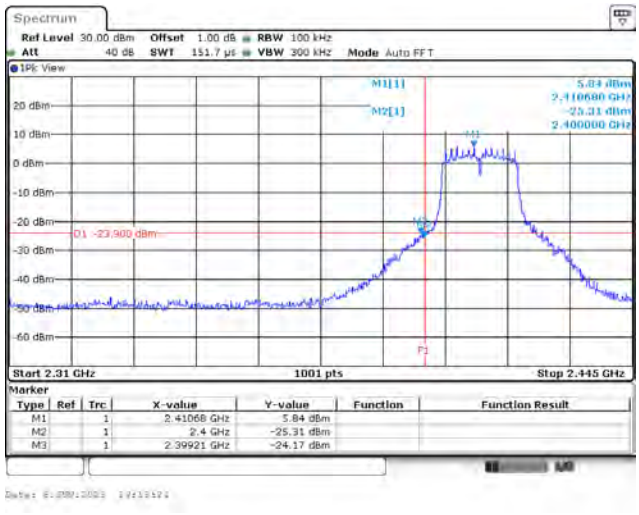
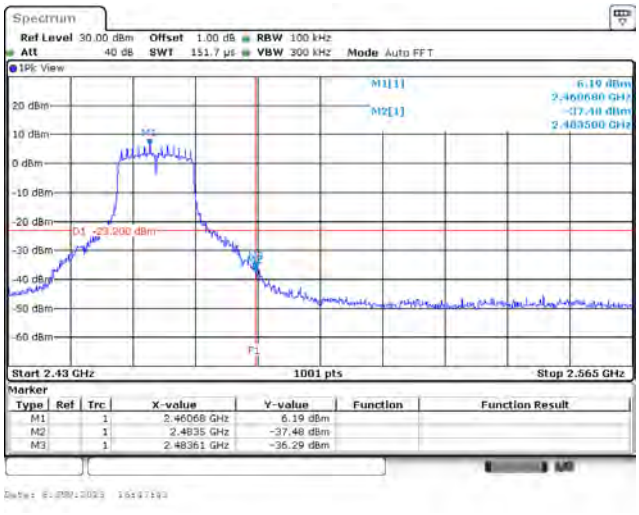
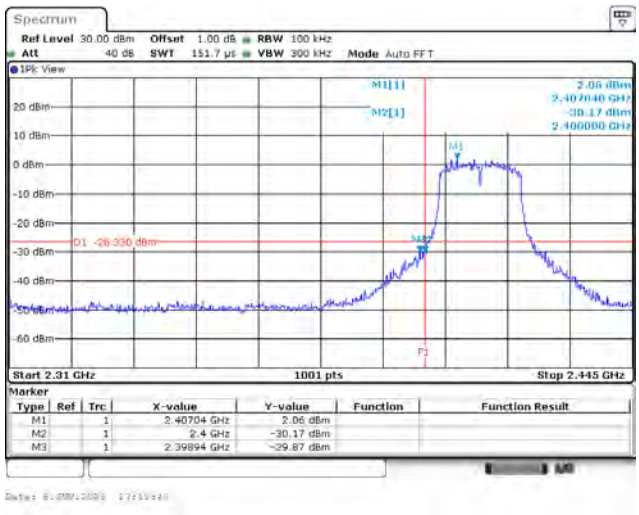
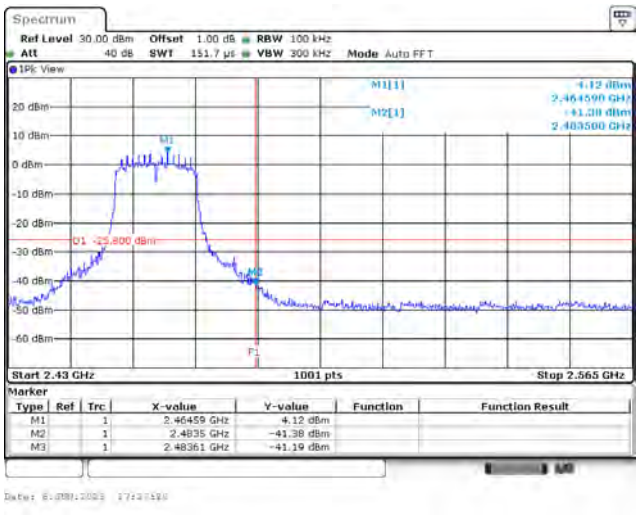


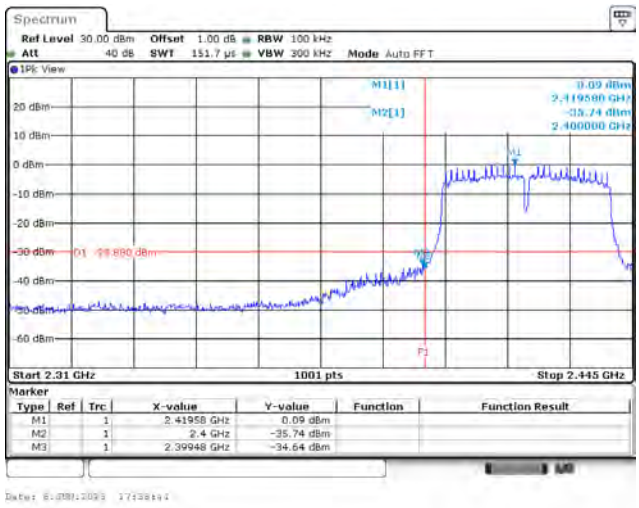
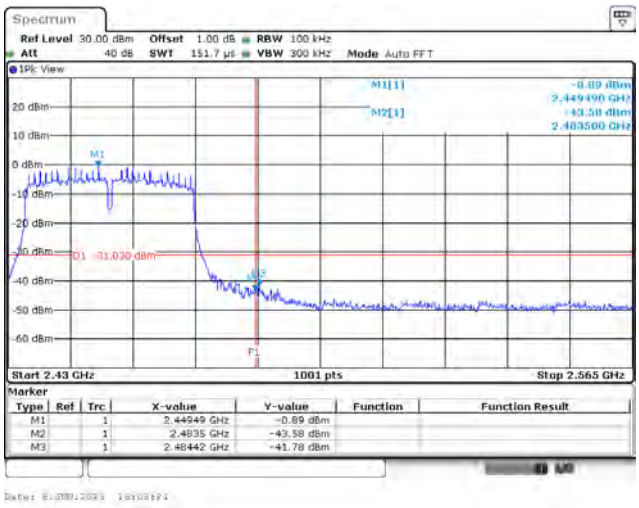
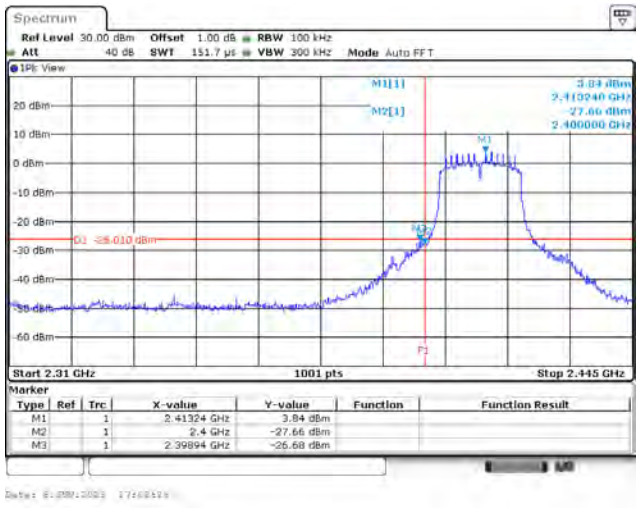
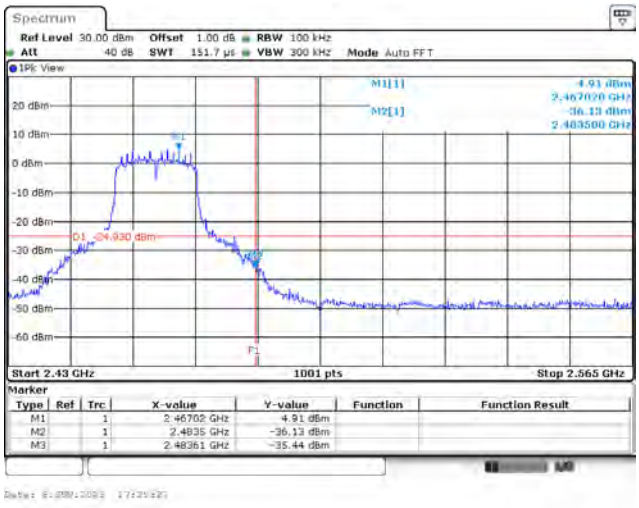
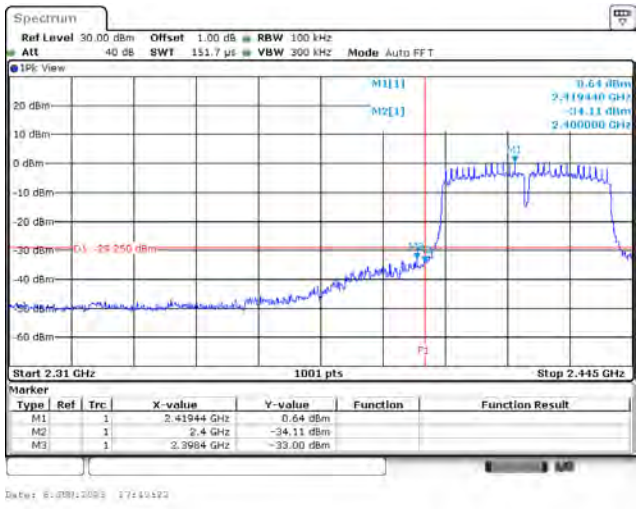
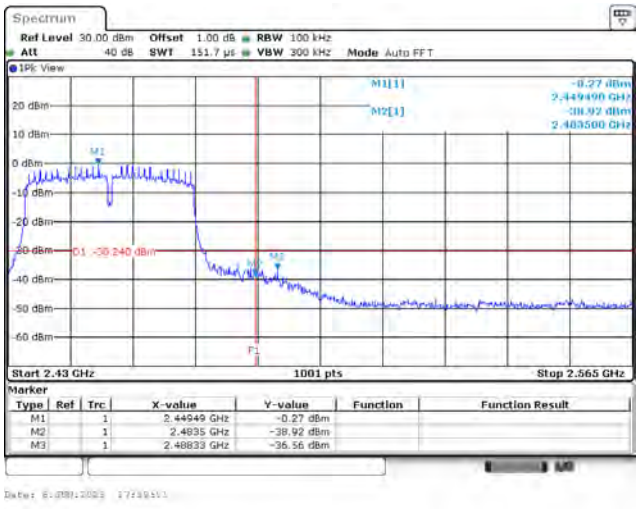




**802.11ac (40 MHz) / Ant. 1 / 2452 MHz**



| 802.11b / Ant. 1 / 2412 MHz (Band Edge) | 802.11b / Ant. 1 / 2462 MHz (Band Edge) |
|---|---|
|  |  |
| **802.11g / Ant. 1 / 2412 MHz (Band Edge)** | **802.11g / Ant. 1 / 2462 MHz (Band Edge)** |
|  |  |
| **802.11ac (20 MHz) / Ant. 0 / 2412 MHz (Band Edge)** | **802.11ac (20 MHz) / Ant. 0 / 2462 MHz (Band Edge)** |
|  |  |

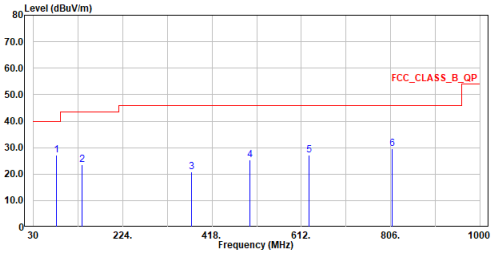
| 802.11ac (40 MHz) / Ant. 0 / 2422 MHz (Band Edge) | 802.11ac (40 MHz) / Ant. 0 / 2452 MHz (Band Edge) |
|---|---|
|  |  |
| **802.11ac (20 MHz) / Ant. 1 / 2412 MHz (Band Edge)** | **802.11ac (20 MHz) / Ant. 1 / 2462 MHz (Band Edge)** |
|  |  |
| **802.11ac (40 MHz) / Ant. 1 / 2422 MHz (Band Edge)** | **802.11ac (40 MHz) / Ant. 1 / 2452 MHz (Band Edge)** |
|  |  |

# Appendix F. Test Result of Transmitter Radiated Spurious Emission

## 30 MHz ~ 1 GHz

Mode 1: EUT + Adapter

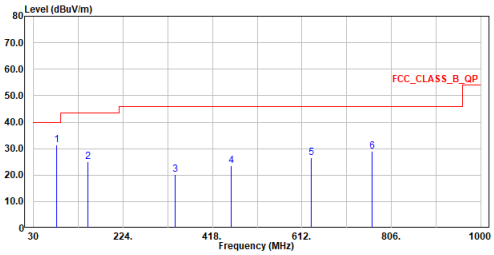
Site :HC-CB04
Condition :3m Horizontal
Mode :LF_ac40_TX_2437MHz(Adapter)
Test by :Scott




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 79.955 | 27.25 | 40.00 | -12.75 | 34.53 | -7.28 | QP |
| 2 | 135.148 | 23.52 | 43.50 | -19.98 | 27.52 | -4.00 | QP |
| 3 | 373.283 | 20.87 | 46.00 | -25.13 | 21.70 | -0.83 | QP |
| 4 | 499.965 | 25.39 | 46.00 | -20.61 | 23.19 | 2.20 | QP |
| 5 | 628.684 | 27.31 | 46.00 | -18.69 | 22.32 | 4.99 | QP |
| 6 | 809.298 | 29.63 | 46.00 | -16.37 | 22.25 | 7.38 | QP |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m Vertical
Mode :LF_ac40_TX_2437MHz(Adapter)
Test by :Scott

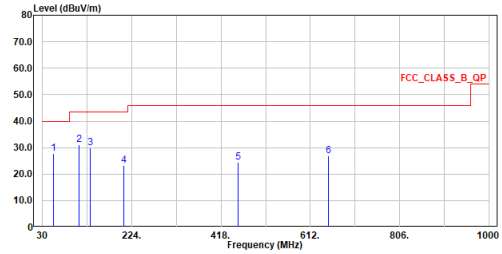



| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 79.955 | 31.43 | 40.00 | -8.57 | 38.71 | -7.28 | QP |
| 2 | 148.340 | 25.18 | 43.50 | -18.32 | 28.46 | -3.28 | QP |
| 3 | 337.102 | 20.12 | 46.00 | -25.88 | 21.85 | -1.73 | QP |
| 4 | 458.643 | 23.62 | 46.00 | -22.38 | 22.07 | 1.55 | QP |
| 5 | 632.079 | 26.44 | 46.00 | -19.56 | 21.35 | 5.09 | QP |
| 6 | 764.193 | 28.87 | 46.00 | -17.13 | 21.73 | 7.14 | QP |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

## Mode 2: EUT + PoE

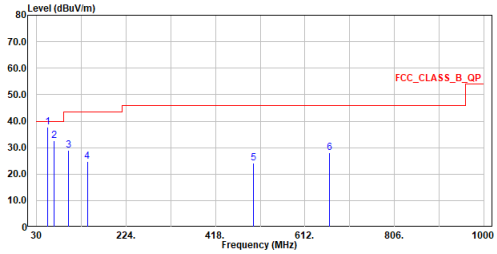
Site :HC-CB04
Condition :3m Horizontal
Mode :LF_ac40_TX_2437MHz(POE)
Test by :Scott




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 54.444 | 27.90 | 40.00 | -12.10 | 30.94 | -3.04 | QP |
| 2 | 109.928 | 31.23 | 43.50 | -12.27 | 37.46 | -6.23 | QP |
| 3 | 134.566 | 29.89 | 43.50 | -13.61 | 34.07 | -4.18 | QP |
| 4 | 207.316 | 23.36 | 43.50 | -20.14 | 30.21 | -6.85 | QP |
| 5 | 454.666 | 24.40 | 46.00 | -21.60 | 23.12 | 1.28 | QP |
| 6 | 651.867 | 26.79 | 46.00 | -19.21 | 21.52 | 5.27 | QP |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m Vertical
Mode :LF_ac40_TX_2437MHz(POE)
Test by :Scott

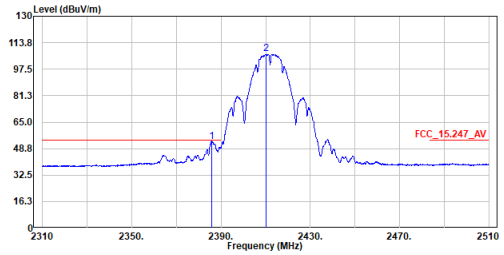



| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 53.571 | 37.66 | 40.00 | -2.34 | 40.55 | -2.89 | QP |
| 2 | 68.606 | 32.61 | 40.00 | -7.39 | 36.84 | -4.23 | QP |
| 3 | 98.967 | 29.04 | 43.50 | -14.46 | 37.26 | -8.22 | QP |
| 4 | 139.998 | 24.82 | 43.50 | -18.68 | 28.79 | -3.97 | QP |
| 5 | 499.965 | 24.21 | 46.00 | -21.79 | 22.20 | 2.01 | QP |
| 6 | 665.738 | 28.07 | 46.00 | -17.93 | 22.84 | 5.23 | QP |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

## Above 1 GHz

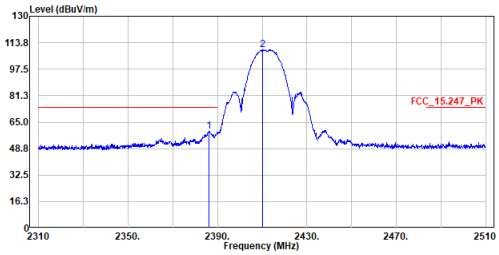
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2385.700 | 52.93 | 54.00 | -1.07 | 40.62 | 12.31 | Average |
| 2 | 2410.300 | 106.70 | ------ | ------ | 94.26 | 12.44 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

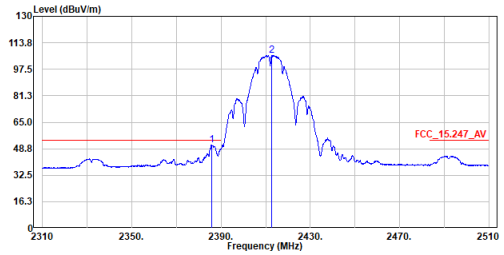
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2386.100 | 59.36 | 74.00 | -14.64 | 47.05 | 12.31 | Peak |
| 2 | 2410.300 | 109.35 | ------ | ------ | 96.91 | 12.44 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

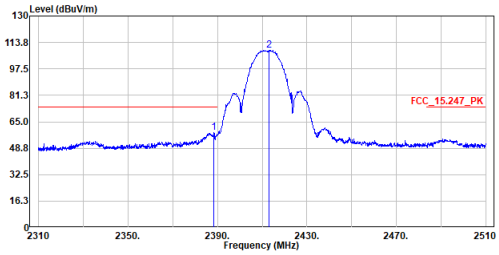
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2385.800 | 51.21 | 54.00 | -2.79 | 38.90 | 12.31 | Average |
| 2 | 2412.800 | 106.08 | ------ | ------ | 93.64 | 12.44 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

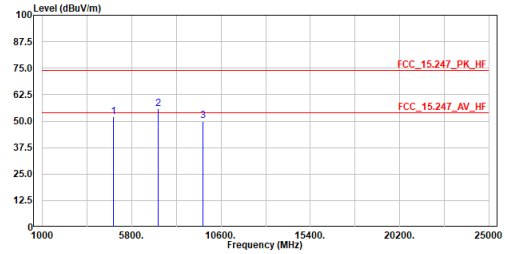
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2388.500 | 58.19 | 74.00 | -15.81 | 45.87 | 12.32 | Peak |
| 2 | 2413.000 | 108.85 | ------ | ------ | 96.41 | 12.44 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

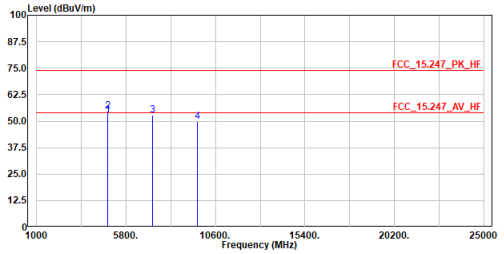
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4824.000 | 52.22 | 74.00 | -21.78 | 68.08 | -15.86 | Peak |
| 2 | 7236.000 | 56.03 | 74.00 | -17.97 | 66.44 | -10.41 | Peak |
| 3 | 9648.000 | 50.00 | 74.00 | -24.00 | 56.42 | -6.42 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

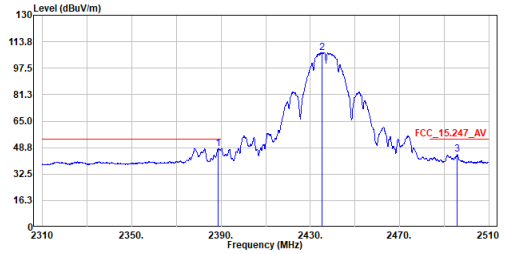
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4824.000 | 52.70 | 54.00 | -1.30 | 68.56 | -15.86 | Average |
| 2 | 4824.000 | 54.60 | 74.00 | -19.40 | 70.46 | -15.86 | Peak |
| 3 | 7236.000 | 52.78 | 74.00 | -21.22 | 63.19 | -10.41 | Peak |
| 4 | 9648.000 | 49.65 | 74.00 | -24.35 | 56.07 | -6.42 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

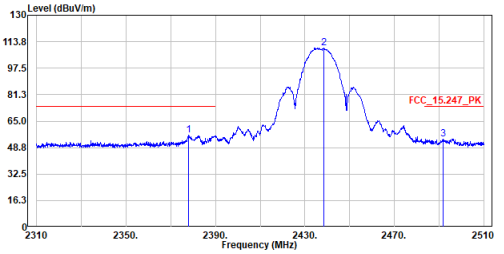
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2388.800 | 48.29 | 54.00 | -5.71 | 35.97 | 12.32 | Average |
| 2 | 2435.300 | 107.16 | ------ | ------ | 94.60 | 12.56 | Average |
| 3 | 2495.800 | 44.66 | 54.00 | -9.34 | 31.79 | 12.87 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

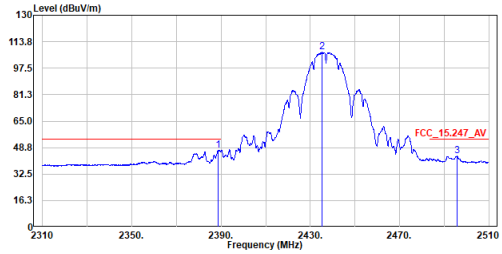
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2378.000 | 56.24 | 74.00 | -17.76 | 43.97 | 12.27 | Peak |
| 2 | 2438.400 | 109.71 | ------ | ------ | 97.13 | 12.58 | Peak |
| 3 | 2491.800 | 54.05 | 74.00 | -19.95 | 41.19 | 12.86 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

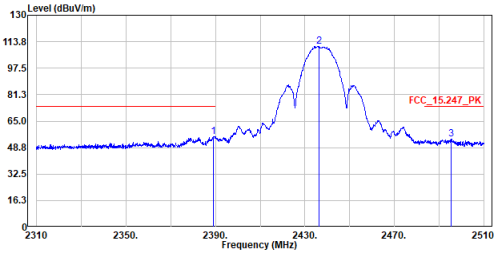
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2388.800 | 47.13 | 54.00 | -6.87 | 34.81 | 12.32 | Average |
| 2 | 2435.300 | 107.20 | ------ | ------ | 94.64 | 12.56 | Average |
| 3 | 2495.700 | 43.51 | 54.00 | -10.49 | 30.64 | 12.87 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

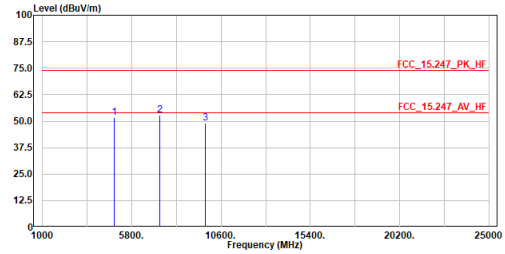
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.200 | 55.63 | 74.00 | -18.37 | 43.31 | 12.32 | Peak |
| 2 | 2436.200 | 110.74 | ------ | ------ | 98.17 | 12.57 | Peak |
| 3 | 2495.500 | 54.05 | 74.00 | -19.95 | 41.18 | 12.87 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

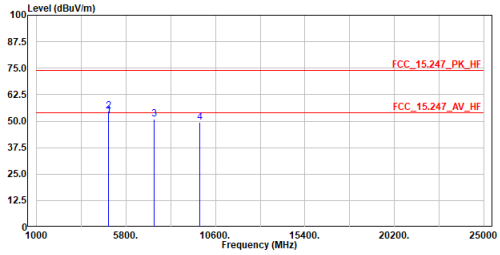
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4874.000 | 51.72 | 74.00 | -22.28 | 67.39 | -15.67 | Peak |
| 2 | 7311.000 | 52.88 | 74.00 | -21.12 | 63.15 | -10.27 | Peak |
| 3 | 9748.000 | 48.96 | 74.00 | -25.04 | 55.23 | -6.27 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

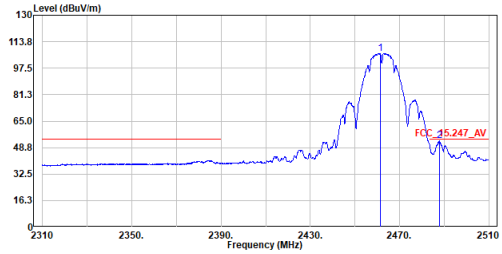
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4874.000 | 52.62 | 54.00 | -1.38 | 68.29 | -15.67 | Average |
| 2 | 4874.000 | 54.56 | 74.00 | -19.44 | 70.23 | -15.67 | Peak |
| 3 | 7311.000 | 51.12 | 74.00 | -22.88 | 61.39 | -10.27 | Peak |
| 4 | 9748.000 | 49.47 | 74.00 | -24.53 | 55.74 | -6.27 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

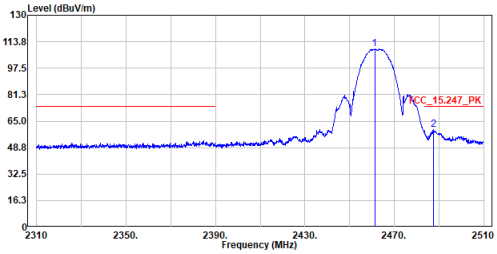
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2461.300 | 106.61 | ------ | ------ | 93.91 | 12.70 | Average |
| 2 | 2487.800 | 52.89 | 54.00 | -1.11 | 40.06 | 12.83 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

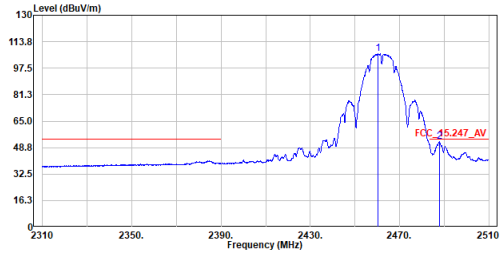
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2461.200 | 109.24 | ------ | ------ | 96.54 | 12.70 | Peak |
| 2 | 2487.400 | 59.75 | 74.00 | -14.25 | 46.92 | 12.83 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

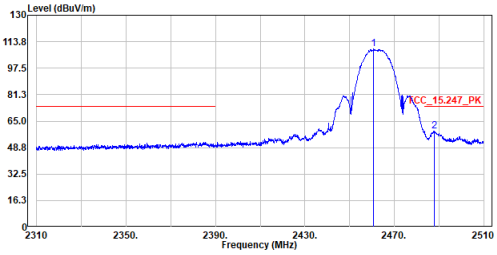
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2460.300 | 106.33 | ------ | ------ | 93.63 | 12.70 | Average |
| 2 | 2487.900 | 52.53 | 54.00 | -1.47 | 39.70 | 12.83 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

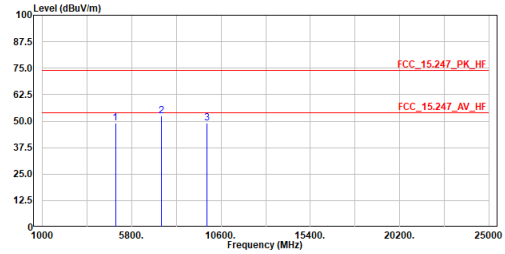
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2460.700 | 109.39 | ------ | ------ | 96.69 | 12.70 | Peak |
| 2 | 2488.000 | 58.97 | 74.00 | -15.03 | 46.13 | 12.84 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

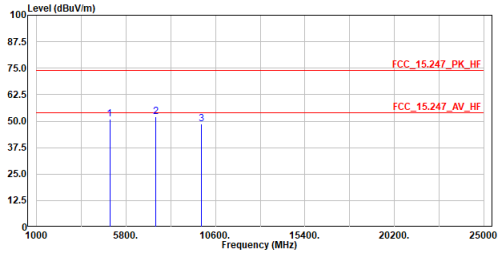
Site :HC-CB04
Condition :3m ,Horizontal
Mode :b_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4924.000 | 49.11 | 74.00 | -24.89 | 64.61 | -15.50 | Peak |
| 2 | 7386.000 | 52.28 | 74.00 | -21.72 | 62.41 | -10.13 | Peak |
| 3 | 9848.000 | 49.14 | 74.00 | -24.86 | 55.26 | -6.12 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

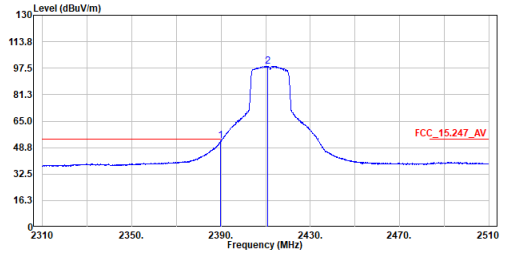
Site :HC-CB04
Condition :3m ,Vertical
Mode :b_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4924.000 | 51.00 | 74.00 | -23.00 | 66.50 | -15.50 | Peak |
| 2 | 7386.000 | 52.06 | 74.00 | -21.94 | 62.19 | -10.13 | Peak |
| 3 | 9848.000 | 48.78 | 74.00 | -25.22 | 54.90 | -6.12 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

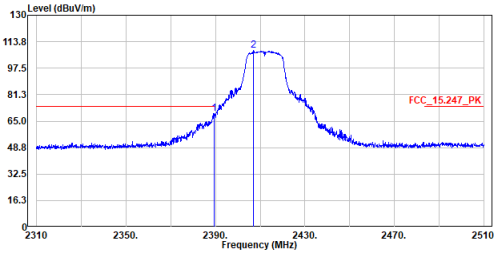
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.900 | 52.90 | 54.00 | -1.10 | 40.58 | 12.32 | Average |
| 2 | 2410.800 | 98.74 | ------ | ------ | 86.30 | 12.44 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

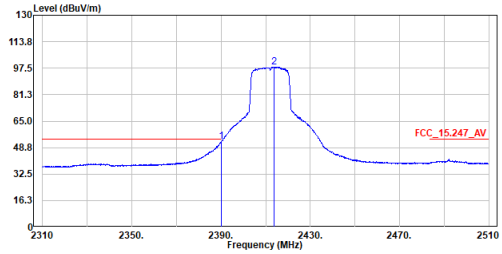
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.500 | 69.70 | 74.00 | -4.30 | 57.38 | 12.32 | Peak |
| 2 | 2407.000 | 108.39 | ------ | ------ | 95.98 | 12.41 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

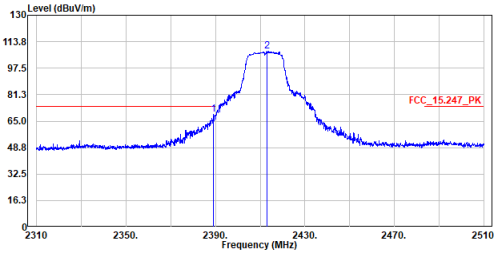
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2390.000 | 52.48 | 54.00 | -1.52 | 40.16 | 12.32 | Average |
| 2 | 2413.700 | 98.20 | ------ | ------ | 85.75 | 12.45 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

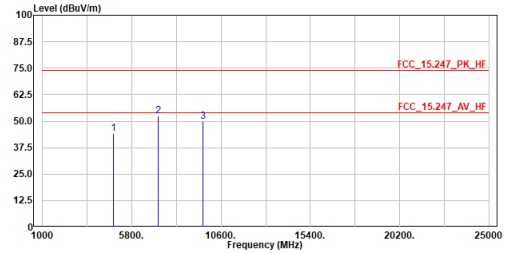
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.000 | 69.33 | 74.00 | -4.67 | 57.01 | 12.32 | Peak |
| 2 | 2413.200 | 107.90 | ------ | ------ | 95.46 | 12.44 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

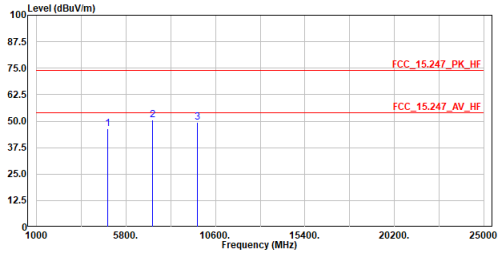
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4824.000 | 44.31 | 74.00 | -29.69 | 60.17 | -15.86 | Peak |
| 2 | 7236.000 | 52.49 | 74.00 | -21.51 | 62.90 | -10.41 | Peak |
| 3 | 9648.000 | 49.80 | 74.00 | -24.20 | 56.22 | -6.42 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

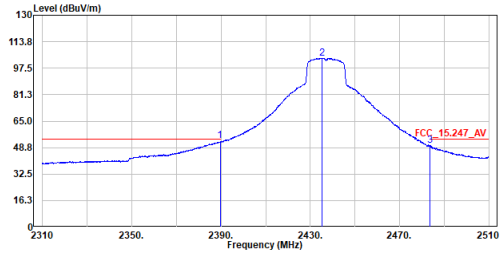
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4824.000 | 46.53 | 74.00 | -27.47 | 62.39 | -15.86 | Peak |
| 2 | 7236.000 | 50.65 | 74.00 | -23.35 | 61.06 | -10.41 | Peak |
| 3 | 9648.000 | 49.60 | 74.00 | -24.40 | 56.02 | -6.42 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

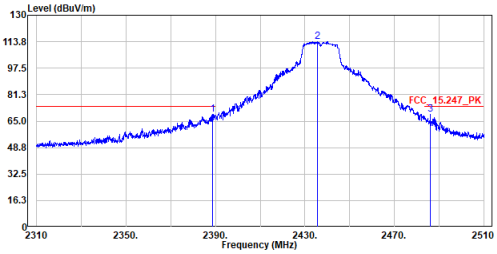
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.600 | 52.81 | 54.00 | -1.19 | 40.49 | 12.32 | Average |
| 2 | 2435.300 | 103.73 | ------ | ------ | 91.17 | 12.56 | Average |
| 3 | 2483.600 | 50.02 | 54.00 | -3.98 | 37.21 | 12.81 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

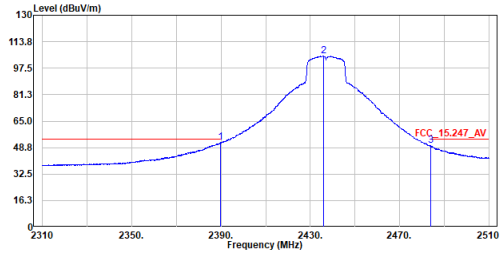
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2388.600 | 69.32 | 74.00 | -4.68 | 57.00 | 12.32 | Peak |
| 2 | 2435.700 | 113.75 | ------ | ------ | 101.19 | 12.56 | Peak |
| 3 | 2486.100 | 68.95 | 74.00 | -5.05 | 56.13 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

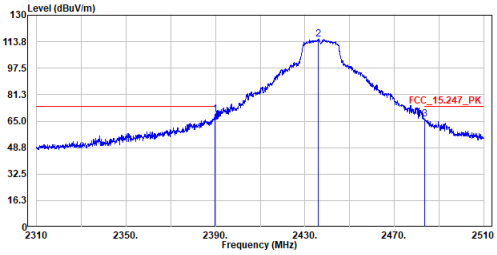
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.900 | 51.76 | 54.00 | -2.24 | 39.44 | 12.32 | Average |
| 2 | 2435.800 | 104.91 | ------ | ------ | 92.35 | 12.56 | Average |
| 3 | 2483.900 | 49.81 | 54.00 | -4.19 | 36.99 | 12.82 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

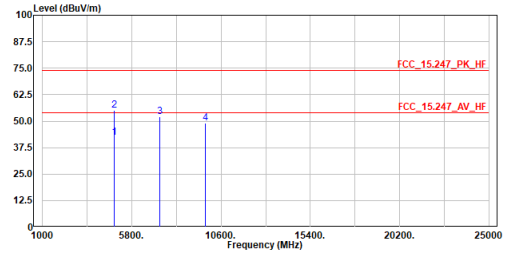
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.900 | 69.40 | 74.00 | -4.60 | 57.08 | 12.32 | Peak |
| 2 | 2435.900 | 115.43 | ------ | ------ | 102.87 | 12.56 | Peak |
| 3 | 2483.700 | 66.41 | 74.00 | -7.59 | 53.59 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

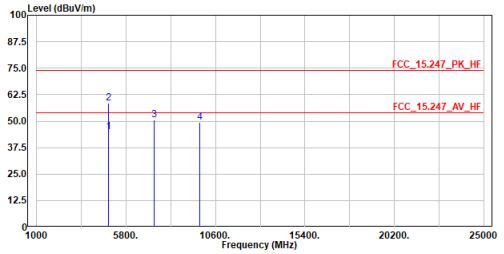
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4874.000 | 42.23 | 54.00 | -11.77 | 57.90 | -15.67 | Average |
| 2 | 4874.000 | 55.19 | 74.00 | -18.81 | 70.86 | -15.67 | Peak |
| 3 | 7311.000 | 51.92 | 74.00 | -22.08 | 62.19 | -10.27 | Peak |
| 4 | 9748.000 | 48.88 | 74.00 | -25.12 | 55.15 | -6.27 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

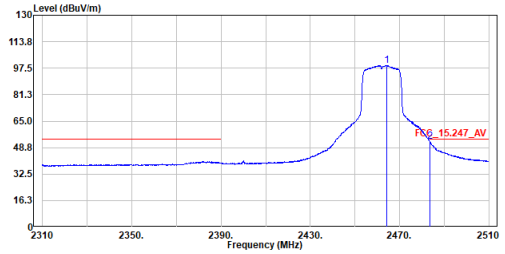
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4874.000 | 44.92 | 54.00 | -9.08 | 60.59 | -15.67 | Average |
| 2 | 4874.000 | 58.58 | 74.00 | -15.42 | 74.25 | -15.67 | Peak |
| 3 | 7311.000 | 50.51 | 74.00 | -23.49 | 60.78 | -10.27 | Peak |
| 4 | 9748.000 | 49.52 | 74.00 | -24.48 | 55.79 | -6.27 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

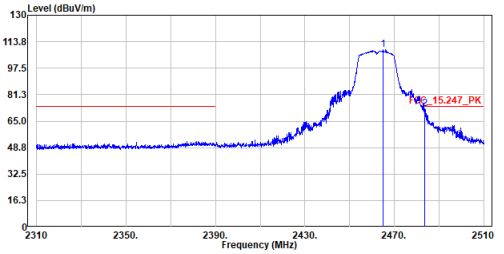
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2464.400 | 99.12 | ------ | ------ | 86.40 | 12.72 | Average |
| 2 | 2483.600 | 52.30 | 54.00 | -1.70 | 39.49 | 12.81 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

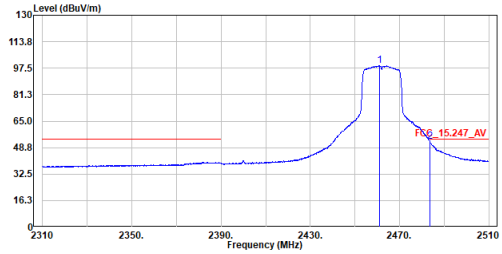
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2465.100 | 109.15 | ------ | ------ | 96.42 | 12.73 | Peak |
| 2 | 2483.700 | 72.81 | 74.00 | -1.19 | 59.99 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

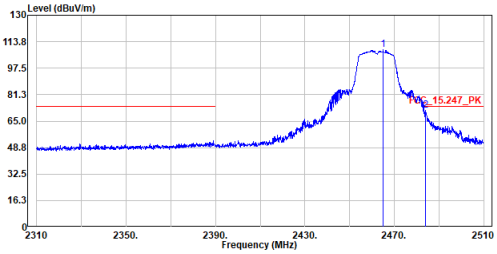
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2460.900 | 99.06 | ------ | ------ | 86.36 | 12.70 | Average |
| 2 | 2483.600 | 52.43 | 54.00 | -1.57 | 39.62 | 12.81 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

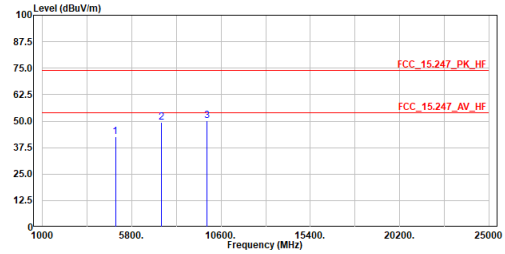
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2465.000 | 108.79 | ------ | ------ | 96.06 | 12.73 | Peak |
| 2 | 2483.900 | 71.75 | 74.00 | -2.25 | 58.93 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

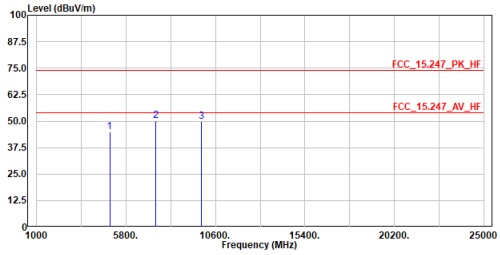
Site :HC-CB04
Condition :3m ,Horizontal
Mode :g_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4924.000 | 42.66 | 74.00 | -31.34 | 58.16 | -15.50 | Peak |
| 2 | 7386.000 | 49.29 | 74.00 | -24.71 | 59.42 | -10.13 | Peak |
| 3 | 9848.000 | 50.03 | 74.00 | -23.97 | 56.15 | -6.12 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

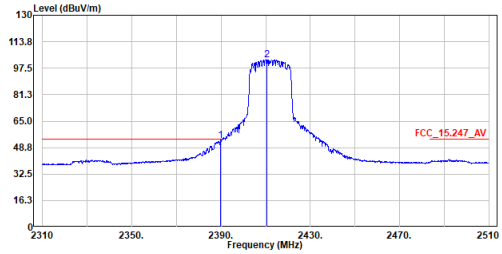
Site :HC-CB04
Condition :3m ,Vertical
Mode :g_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4924.000 | 45.07 | 74.00 | -28.93 | 60.57 | -15.50 | Peak |
| 2 | 7386.000 | 50.01 | 74.00 | -23.99 | 60.14 | -10.13 | Peak |
| 3 | 9848.000 | 49.97 | 74.00 | -24.03 | 56.09 | -6.12 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

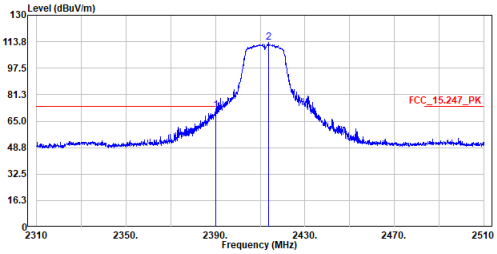
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.700 | 52.97 | 54.00 | -1.03 | 40.65 | 12.32 | Average |
| 2 | 2410.500 | 102.65 | ------ | ------ | 90.21 | 12.44 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

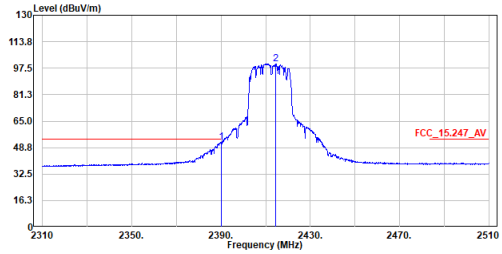
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2390.000 | 71.78 | 74.00 | -2.22 | 59.46 | 12.32 | Peak |
| 2 | 2413.600 | 113.16 | ------ | ------ | 100.71 | 12.45 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

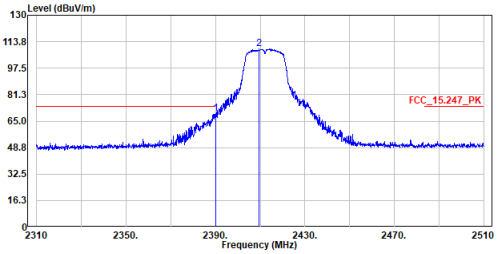
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2390.000 | 52.08 | 54.00 | -1.92 | 39.76 | 12.32 | Average |
| 2 | 2414.500 | 100.10 | ------ | ------ | 87.64 | 12.46 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

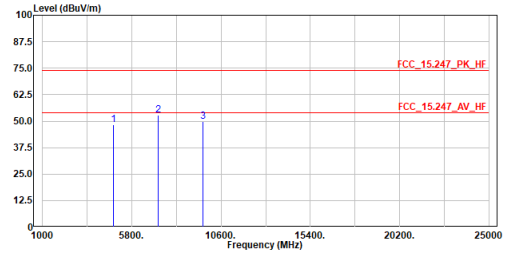
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2390.000 | 69.45 | 74.00 | -4.55 | 57.13 | 12.32 | Peak |
| 2 | 2409.600 | 109.55 | ------ | ------ | 97.11 | 12.44 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

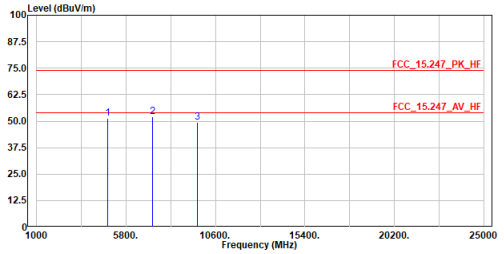
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4824.000 | 48.30 | 74.00 | -25.70 | 64.16 | -15.86 | Peak |
| 2 | 7236.000 | 52.82 | 74.00 | -21.18 | 63.23 | -10.41 | Peak |
| 3 | 9648.000 | 49.74 | 74.00 | -24.26 | 56.16 | -6.42 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

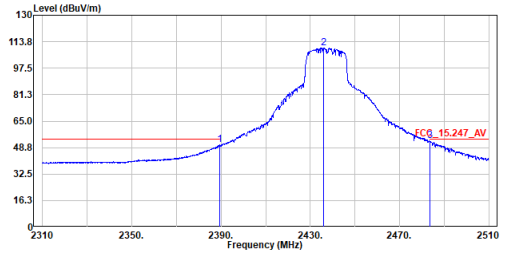
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2412MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4824.000 | 51.22 | 74.00 | -22.78 | 67.08 | -15.86 | Peak |
| 2 | 7236.000 | 51.91 | 74.00 | -22.09 | 62.32 | -10.41 | Peak |
| 3 | 9648.000 | 49.40 | 74.00 | -24.60 | 55.82 | -6.42 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

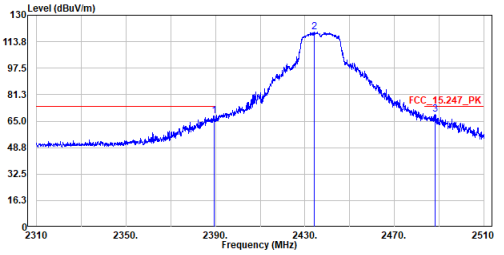
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.500 | 50.48 | 54.00 | -3.52 | 38.16 | 12.32 | Average |
| 2 | 2436.100 | 110.04 | ------ | ------ | 97.48 | 12.56 | Average |
| 3 | 2483.600 | 52.98 | 54.00 | -1.02 | 40.17 | 12.81 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

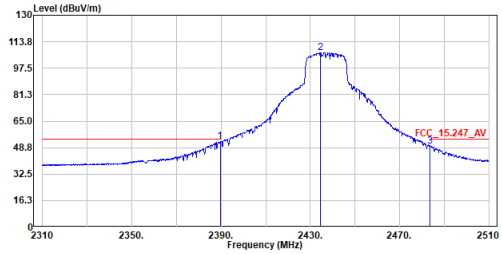
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.300 | 68.20 | 74.00 | -5.80 | 55.88 | 12.32 | Peak |
| 2 | 2434.100 | 119.63 | ------ | ------ | 107.07 | 12.56 | Peak |
| 3 | 2488.100 | 69.30 | 74.00 | -4.70 | 56.46 | 12.84 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

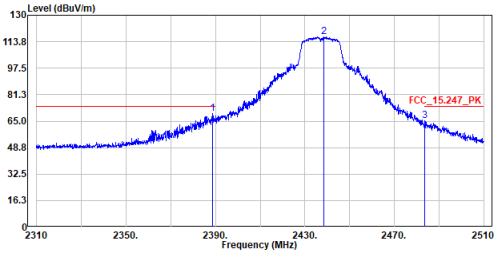
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.600 | 52.47 | 54.00 | -1.53 | 40.15 | 12.32 | Average |
| 2 | 2434.600 | 106.93 | ------ | ------ | 94.37 | 12.56 | Average |
| 3 | 2483.600 | 49.71 | 54.00 | -4.29 | 36.90 | 12.81 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

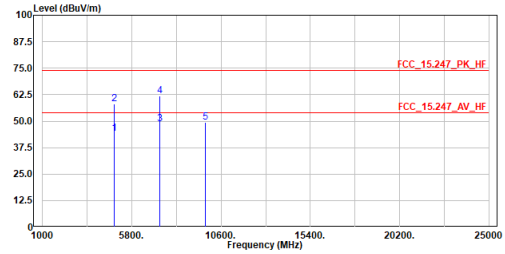
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2388.800 | 69.47 | 74.00 | -4.53 | 57.15 | 12.32 | Peak |
| 2 | 2438.300 | 116.69 | ------ | ------ | 104.11 | 12.58 | Peak |
| 3 | 2483.600 | 65.44 | 74.00 | -8.56 | 52.63 | 12.81 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

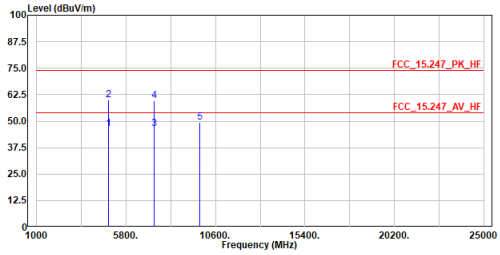
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4874.000 | 44.08 | 54.00 | -9.92 | 59.75 | -15.67 | Average |
| 2 | 4874.000 | 58.10 | 74.00 | -15.90 | 73.77 | -15.67 | Peak |
| 3 | 7311.000 | 48.69 | 54.00 | -5.31 | 58.96 | -10.27 | Average |
| 4 | 7311.000 | 61.75 | 74.00 | -12.25 | 72.02 | -10.27 | Peak |
| 5 | 9748.000 | 49.50 | 74.00 | -24.50 | 55.77 | -6.27 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

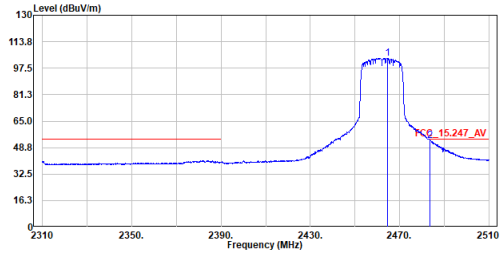
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4874.000 | 46.32 | 54.00 | -7.68 | 61.99 | -15.67 | Average |
| 2 | 4874.000 | 60.07 | 74.00 | -13.93 | 75.74 | -15.67 | Peak |
| 3 | 7311.000 | 46.45 | 54.00 | -7.55 | 56.72 | -10.27 | Average |
| 4 | 7311.000 | 59.53 | 74.00 | -14.47 | 69.80 | -10.27 | Peak |
| 5 | 9748.000 | 49.53 | 74.00 | -24.47 | 55.80 | -6.27 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

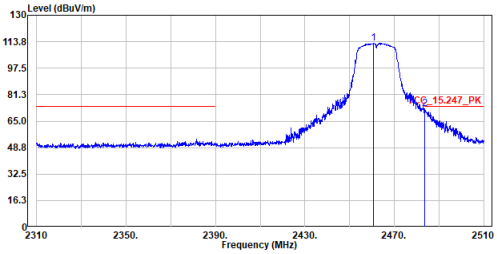
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2464.600 | 103.73 | ------ | ------ | 91.01 | 12.72 | Average |
| 2 | 2483.600 | 52.88 | 54.00 | -1.12 | 40.07 | 12.81 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

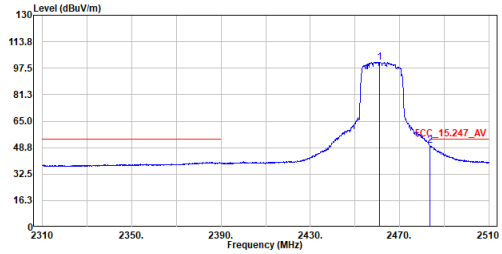
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2460.500 | 112.75 | ------ | ------ | 100.05 | 12.70 | Peak |
| 2 | 2483.700 | 72.36 | 74.00 | -1.64 | 59.54 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

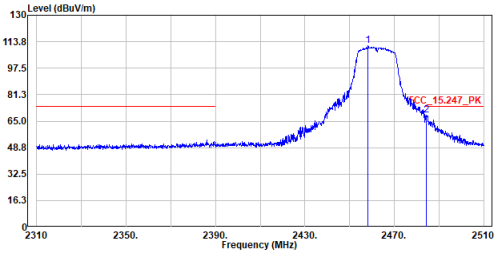
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2461.100 | 101.28 | ------ | ------ | 88.58 | 12.70 | Average |
| 2 | 2483.600 | 49.89 | 54.00 | -4.11 | 37.08 | 12.81 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

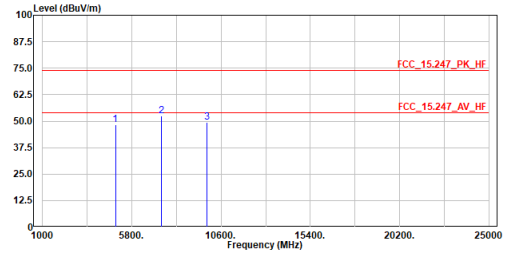
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2458.300 | 111.23 | ------ | ------ | 98.55 | 12.68 | Peak |
| 2 | 2484.400 | 68.48 | 74.00 | -5.52 | 55.66 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

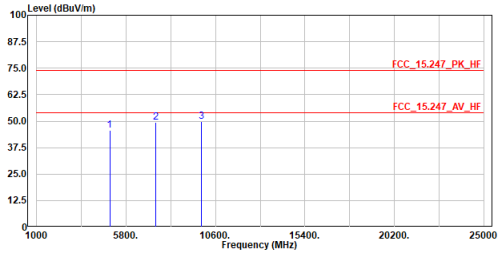
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac20_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4924.000 | 48.30 | 74.00 | -25.70 | 63.80 | -15.50 | Peak |
| 2 | 7386.000 | 52.57 | 74.00 | -21.43 | 62.70 | -10.13 | Peak |
| 3 | 9848.000 | 49.35 | 74.00 | -24.65 | 55.47 | -6.12 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

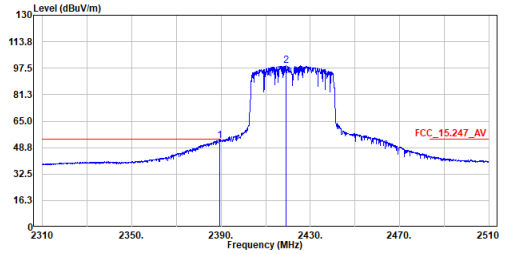
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac20_TX_2462MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4924.000 | 45.66 | 74.00 | -28.34 | 61.16 | -15.50 | Peak |
| 2 | 7386.000 | 49.33 | 74.00 | -24.67 | 59.46 | -10.13 | Peak |
| 3 | 9848.000 | 49.90 | 74.00 | -24.10 | 56.02 | -6.12 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

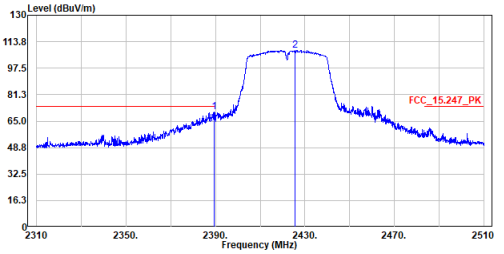
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2422MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.300 | 52.81 | 54.00 | -1.19 | 40.49 | 12.32 | Average |
| 2 | 2419.100 | 99.01 | ------ | ------ | 86.53 | 12.48 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

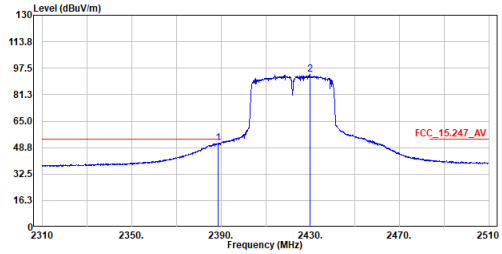
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2422MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.400 | 70.80 | 74.00 | -3.20 | 58.48 | 12.32 | Peak |
| 2 | 2425.700 | 108.60 | ------ | ------ | 96.08 | 12.52 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

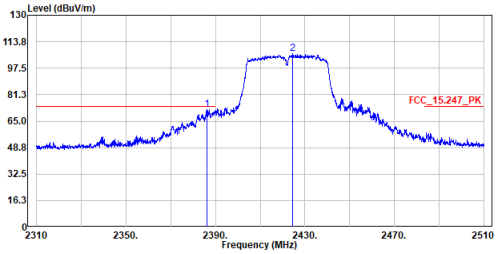
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2422MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2388.700 | 51.73 | 54.00 | -2.27 | 39.41 | 12.32 | Average |
| 2 | 2429.900 | 93.69 | ------ | ------ | 81.16 | 12.53 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

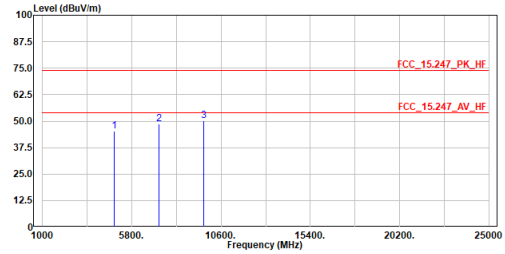
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2422MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2386.300 | 72.17 | 74.00 | -1.83 | 59.85 | 12.32 | Peak |
| 2 | 2424.500 | 106.26 | ------ | ------ | 93.75 | 12.51 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

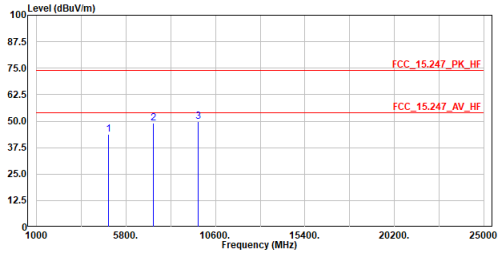
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2422MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4844.000 | 45.28 | 74.00 | -28.72 | 61.07 | -15.79 | Peak |
| 2 | 7266.000 | 48.52 | 74.00 | -25.48 | 58.88 | -10.36 | Peak |
| 3 | 9688.000 | 50.10 | 74.00 | -23.90 | 56.46 | -6.36 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

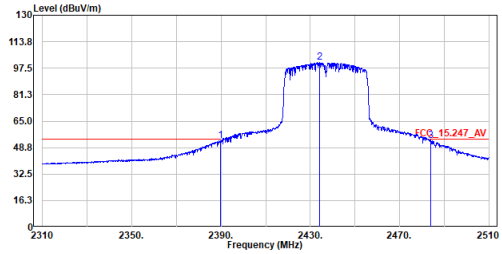
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2422MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4844.000 | 43.84 | 74.00 | -30.16 | 59.63 | -15.79 | Peak |
| 2 | 7266.000 | 48.91 | 74.00 | -25.09 | 59.27 | -10.36 | Peak |
| 3 | 9688.000 | 49.88 | 74.00 | -24.12 | 56.24 | -6.36 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

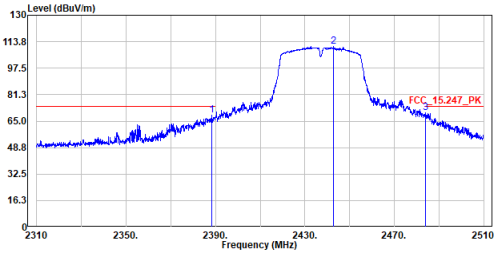
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.800 | 52.98 | 54.00 | -1.02 | 40.66 | 12.32 | Average |
| 2 | 2434.200 | 100.89 | ------ | ------ | 88.33 | 12.56 | Average |
| 3 | 2483.900 | 52.99 | 54.00 | -1.01 | 40.17 | 12.82 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

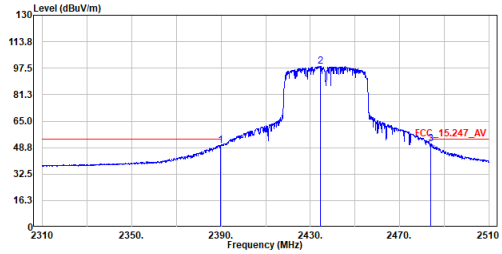
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2388.400 | 68.72 | 74.00 | -5.28 | 56.40 | 12.32 | Peak |
| 2 | 2442.900 | 110.86 | ------ | ------ | 98.25 | 12.61 | Peak |
| 3 | 2483.800 | 70.09 | 74.00 | -3.91 | 57.27 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

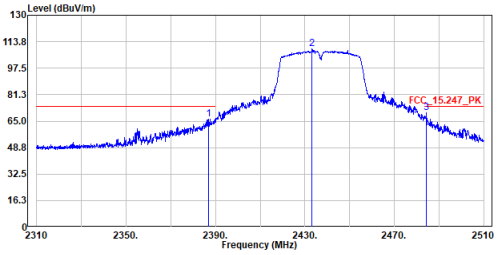
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2389.900 | 50.21 | 54.00 | -3.79 | 37.89 | 12.32 | Average |
| 2 | 2434.400 | 98.69 | ------ | ------ | 86.13 | 12.56 | Average |
| 3 | 2483.800 | 51.17 | 54.00 | -2.83 | 38.35 | 12.82 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

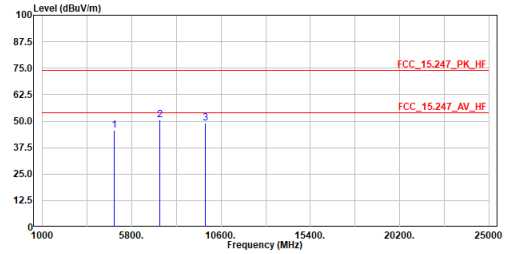
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2386.800 | 66.47 | 74.00 | -7.53 | 54.15 | 12.32 | Peak |
| 2 | 2433.200 | 109.25 | ------ | ------ | 96.69 | 12.56 | Peak |
| 3 | 2484.300 | 70.14 | 74.00 | -3.86 | 57.32 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

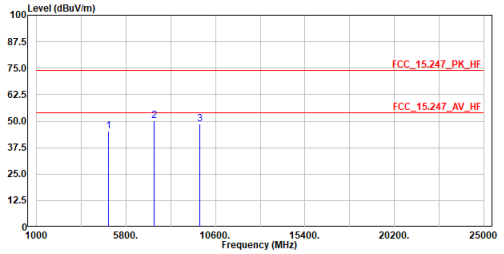
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4874.000 | 45.82 | 74.00 | -28.18 | 61.49 | -15.67 | Peak |
| 2 | 7311.000 | 50.55 | 74.00 | -23.45 | 60.82 | -10.27 | Peak |
| 3 | 9748.000 | 49.14 | 74.00 | -24.86 | 55.41 | -6.27 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

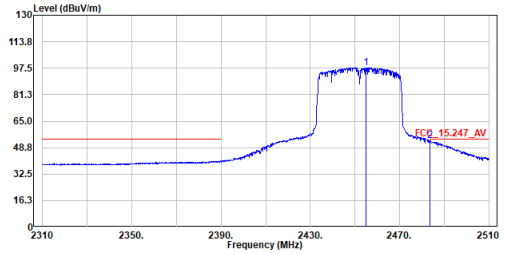
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2437MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4874.000 | 45.39 | 74.00 | -28.61 | 61.06 | -15.67 | Peak |
| 2 | 7311.000 | 50.17 | 74.00 | -23.83 | 60.44 | -10.27 | Peak |
| 3 | 9748.000 | 48.84 | 74.00 | -25.16 | 55.11 | -6.27 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

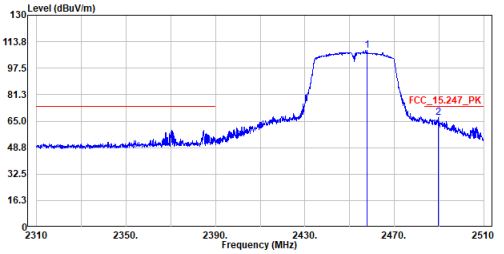
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2452MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2455.100 | 97.85 | ------ | ------ | 85.19 | 12.66 | Average |
| 2 | 2483.600 | 52.86 | 54.00 | -1.14 | 40.05 | 12.81 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

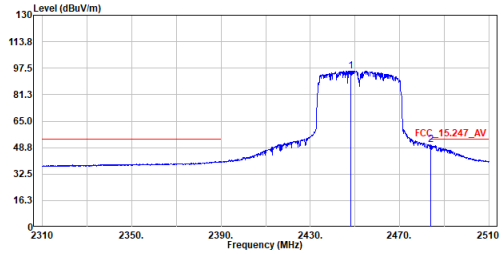
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2452MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2457.700 | 108.24 | ------ | ------ | 95.56 | 12.68 | Peak |
| 2 | 2489.800 | 67.08 | 74.00 | -6.92 | 54.23 | 12.85 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

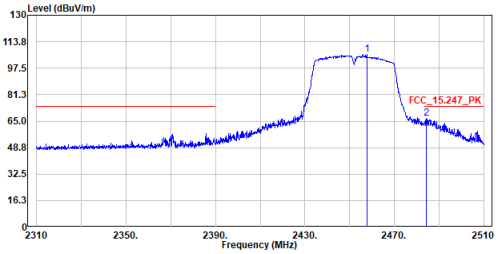
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2452MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2448.200 | 95.78 | ------ | ------ | 83.14 | 12.64 | Average |
| 2 | 2483.800 | 50.30 | 54.00 | -3.70 | 37.48 | 12.82 | Average |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

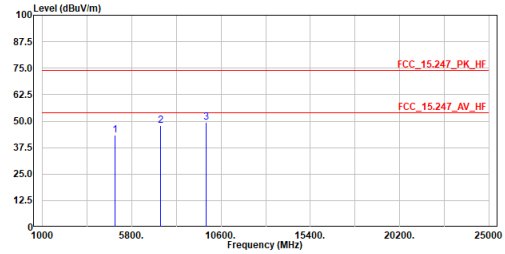
Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2452MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 2457.700 | 105.87 | ------ | ------ | 93.19 | 12.68 | Peak |
| 2 | 2484.200 | 66.51 | 74.00 | -7.49 | 53.69 | 12.82 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

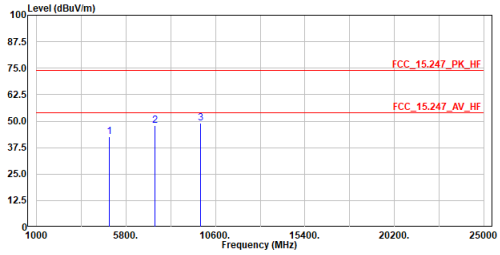
Site :HC-CB04
Condition :3m ,Horizontal
Mode :ac40_TX_2452MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4904.000 | 43.26 | 74.00 | -30.74 | 58.83 | -15.57 | Peak |
| 2 | 7356.000 | 47.97 | 74.00 | -26.03 | 58.16 | -10.19 | Peak |
| 3 | 9808.000 | 49.56 | 74.00 | -24.44 | 55.74 | -6.18 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04
Condition :3m ,Vertical
Mode :ac40_TX_2452MHz
Test by :Cyril




| No. | Frequency | Level | Limit Line | Over Limit | Read Level | Factor | Remark |
|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | |
| 1 | 4904.000 | 42.73 | 74.00 | -31.27 | 58.30 | -15.57 | Peak |
| 2 | 7356.000 | 47.92 | 74.00 | -26.08 | 58.11 | -10.19 | Peak |
| 3 | 9808.000 | 49.05 | 74.00 | -24.95 | 55.23 | -6.18 | Peak |

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.