



Test Report No:  
23A0228R-RFUSV01S-A

## TEST REPORT

### FCC Rules&Regulations

|                                 |   |
|---------------------------------|---|
| Product Name                    | Communication Module  |
| Brand Name                      | muRata  |
| Model No.                       | LBEE5XV1YM  |
| FCC ID                          | QHQLB1YM  |
| Applicant's Name / Address      | Laerdal Medical AS<br>Tanke Svilandsgate 30 P.O. Box 377, Stavanger, 4002 Norway              |
| Manufacturer's Name / Address   | Murata Manufacturing Co., Ltd.<br>1-10-1, Higashikotari, Nagaokakyo-shi, Kyoto 617-8555 Japan |
| 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                   | <i>Amelia Wu</i><br>Amelia Wu   |
| Approved By                     | <i>Rueyyan Lin</i><br>Rueyyan Lin   |
| Date of Receipt                 | Oct. 11, 2023   |
| Date of Issue                   | Dec. 19, 2023   |
| Report Version                  | V1.0  |

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## Competences and Guarantees

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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.

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## General Conditions

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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   |
|---------|-------------------------|---------------|
| V1.0    | Initial issue of report | Dec. 19, 2023 |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |

## Permissive Change

| Permissive Change                 | Modifications   |
|-----------------------------------|---|
| Class II Permissive Change (C2PC) | <ol style="list-style-type: none"><li data-bbox="633 353 1465 421">1. Additional platform added (Product: CAN CPU Module 2, Brand: Laerdal Medical AS, Model: 20-19560).</li><li data-bbox="633 427 1465 495">2. Add two same type antennas (Type: dipole, model: 2118909-1) but the gain higher than the original grant.</li></ol> <p data-bbox="633 501 1465 602">After evaluating, it was verified for maximum conducted output power, AC power line conducted emission and radiated spurious emission were re-tested.</p> |

## Summary of Test Result

| Report Clause | Test Items                             | Result (PASS/FAIL) | Remark |
|---------------|--|--------------------|--------|
| 3             | AC Power Line Conducted Emission       | PASS               | -      |
| 4             | Maximum Conducted Output Power         | PASS               | -      |
| 5             | Transmitter Radiated Spurious Emission | PASS               | -      |

Note: The EUT was installed into the host (brand name: Laerdal Medical AS, model: 204-00250) to perform all the tests.

### 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 (20 MHz) | 2412 ~ 2462 MHz               |
| Channel Number      | IEEE 802.11b/g<br>IEEE 802.11n (20 MHz) | 11 Channels                   |
| Type of Modulation  | IEEE 802.11b                            | DSSS-DBPSK, DQPSK, CCK        |
|                     | IEEE 802.11g/n                          | OFDM-BPSK, QPSK, 16QAM, 64QAM |

The difference between EUT1 and EUT 2 is shown as below (please refer to EUT Photograph):

| EUT | Shape  | Length of antenna cable (mm) |
|-----|--------|------------------------------|
| 1   | Circle | 150+50                       |
| 2   | Square | 150+100                      |

The cable length of EUT 1 is shorter and evaluated as worst case.

| EUT 1 Antenna Information |                 |           |        |            |
|---------------------------|-----------------|-----------|--------|------------|
| Ant.                      | Brand Name      | Model No. | Type   | Gain (dBi) |
| 0                         | TE connectivity | 2118909-1 | Dipole | 4.3        |
| 1                         | TE connectivity | 2118909-1 | Dipole | 4.3        |

| EUT 2 Antenna Information |                 |           |        |            |
|---------------------------|-----------------|-----------|--------|------------|
| Ant.                      | Brand Name      | Model No. | Type   | Gain (dBi) |
| 0                         | TE connectivity | 2118909-1 | Dipole | 4.3        |
| 1                         | TE connectivity | 2118909-1 | Dipole | 4.3        |

#### For IEEE 802.11b/g/n Mode: (2TX, 2RX)

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

### 1.2. EUT Information

|                      |                                     |                     |                                     |                     |
|----------------------|-------------------------------------|---------------------|-------------------------------------|---------------------|
| EUT Power Type       | From Adapter                        |                     |                                     |                     |
| EUT Function         | <input checked="" type="checkbox"/> | Point-to-multipoint | <input type="checkbox"/>            | Point-to-point      |
| Beamforming Function | <input type="checkbox"/>            | With beamforming    | <input checked="" type="checkbox"/> | 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<br>(°C / %) | Test Date  |
|------------------------|---------------|---------------|------------------------------|------------|
| AC Conduction Emission | HC-SR02       | Igor Tseng    | 20.2 / 57                    | 2023/12/05 |
| RF Conducted Emission  | HC-SR12       | Scott Chang   | 24.5 / 55                    | 2023/10/27 |
| Radiated Emission      | HC-CB02       | Gary Liao     | 24 / 62                      | 2023/11/14 |

### 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                                      |
| Maximum Conducted Output Power         | ± 1.16 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        | 2023/09/19 | 2024/09/18     |
| 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         | 2023/08/04 | 2024/08/03     |
| 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      | 2023/10/25 | 2024/10/24     |
| Pulse Power Sensor                     | Anritsu      | MA2411B   | 1531043    | 0.3-40 GHz      | 2023/10/25 | 2024/10/24     |
| Pulse Power Sensor                     | Anritsu      | MA2411B   | 1531044    | 0.3-40 GHz      | 2023/10/25 | 2024/10/24     |
| Spectrum Analyzer                      | Keysight     | N9030B    | MY57140404 | 3 Hz-26.5 GHz   | 2023/04/24 | 2024/04/23     |

### HC-CB02

| Instrument                 | Manufacturer  | Model No.    | Serial No.  | Characteristics  | Cal. Date  | Next Cal. Date |
|----------------------------|---------------|--------------|-------------|------------------|------------|----------------|
| Signal Analyzer            | R&S           | FSVA40       | 101455      | 10 Hz-40 GHz     | 2023/10/03 | 2024/10/02     |
| Trilog Broadband Antenna   | Schwarzbeck   | VULB 9168    | 1272        | 30 MHz-2 GHz     | 2023/04/13 | 2024/04/12     |
| Double Ridged Horn Antenna | RF SPIN       | DRH18-E      | 211211A18EN | 1G-18GHz         | 2023/11/09 | 2024/11/08     |
| 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    | 060741      | 1G-18 GHz,50 dB  | 2023/05/05 | 2024/05/04     |
| Pre-Amplifier              | DEKRA         | AP-400C      | 201801231   | 18G-40 GHz,48 dB | 2023/10/03 | 2024/10/02     |
| EMI Test Receiver          | R&S           | ESR7         | 102260      | 10 Hz-7 GHz      | 2022/12/01 | 2023/11/30     |
| EMI Test Receiver          | R&S           | ESR7         | 102260      | 10 Hz-7 GHz      | 2023/11/27 | 2024/11/26     |
| Magnetic Loop Antenna      | Teseq         | HLA 6121     | 44287       | 0.01-30 MHz      | 2023/10/13 | 2024/10/12     |
| Coaxial Cable(13m)         | Suhner        | SF104        | HC-CB02     | 30M-18 GHz       | 2023/08/14 | 2024/08/13     |
| Coaxial Cable(3m)          | Suhner,Rosnol | SF102_UP0264 | HC-CB02-1   | 18G-40 GHz 3 m   | 2023/08/14 | 2024/08/13     |
| Radiated Software          | AUDIX         | e3 V9        | HC-CB02_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 Frequency Mode

|                       |              |
|-----------------------|--------------|
| Test Software Version | Putty v 0.78 |
|-----------------------|--------------|

| Modulation       | Frequency (MHz) | Power Setting |
|------------------|-----------------|---------------|
| 802.11b          | 2412            | 16.0          |
|                  | 2437            | 16.0          |
|                  | 2462            | 16.0          |
| 802.11g          | 2412            | 13.0          |
|                  | 2422            | 19.0          |
|                  | 2437            | 19.0          |
|                  | 2452            | 18.0          |
|                  | 2462            | 13.0          |
| 802.11n (20 MHz) | 2412            | 13.0          |
|                  | 2422            | 18.0          |
|                  | 2437            | 18.0          |
|                  | 2452            | 18.0          |
|                  | 2462            | 13.0          |

### 2.3. 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   |

|                |  |
|----------------|--|
| Tests Item     | Maximum Conducted Output Power           |
| 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  |
| 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 Y axis, so the measurement will follow this same test configuration.

|  |  |
|--|--|
| Tests Item   | Simultaneous Transmission Analysis - Radiated Emission Co-location |
| Test Condition   | Radiated measurement   |
| Operating Mode   | Transmit   |
| 1  | WiFi 2.4 GHz + Bluetooth   |
| 2  | WiFi 5 GHz + Bluetooth   |
| Refer to Appendix D for Radiated Emission Co-location. |  |

|   |   |
|---|---|
| Tests Item  | Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation |
| Operating Mode  | Transmit  |
| 1   | WiFi 2.4 GHz + Bluetooth  |
| 2   | WiFi 5 GHz + Bluetooth  |
| Mode 1 is the worst case and it was record in the RF Exposure Evaluation test report.       |   |
| Refer to DEKRA Test Report No.: 23A0228R-RFUSV17S-A for Co-location RF Exposure Evaluation. |   |

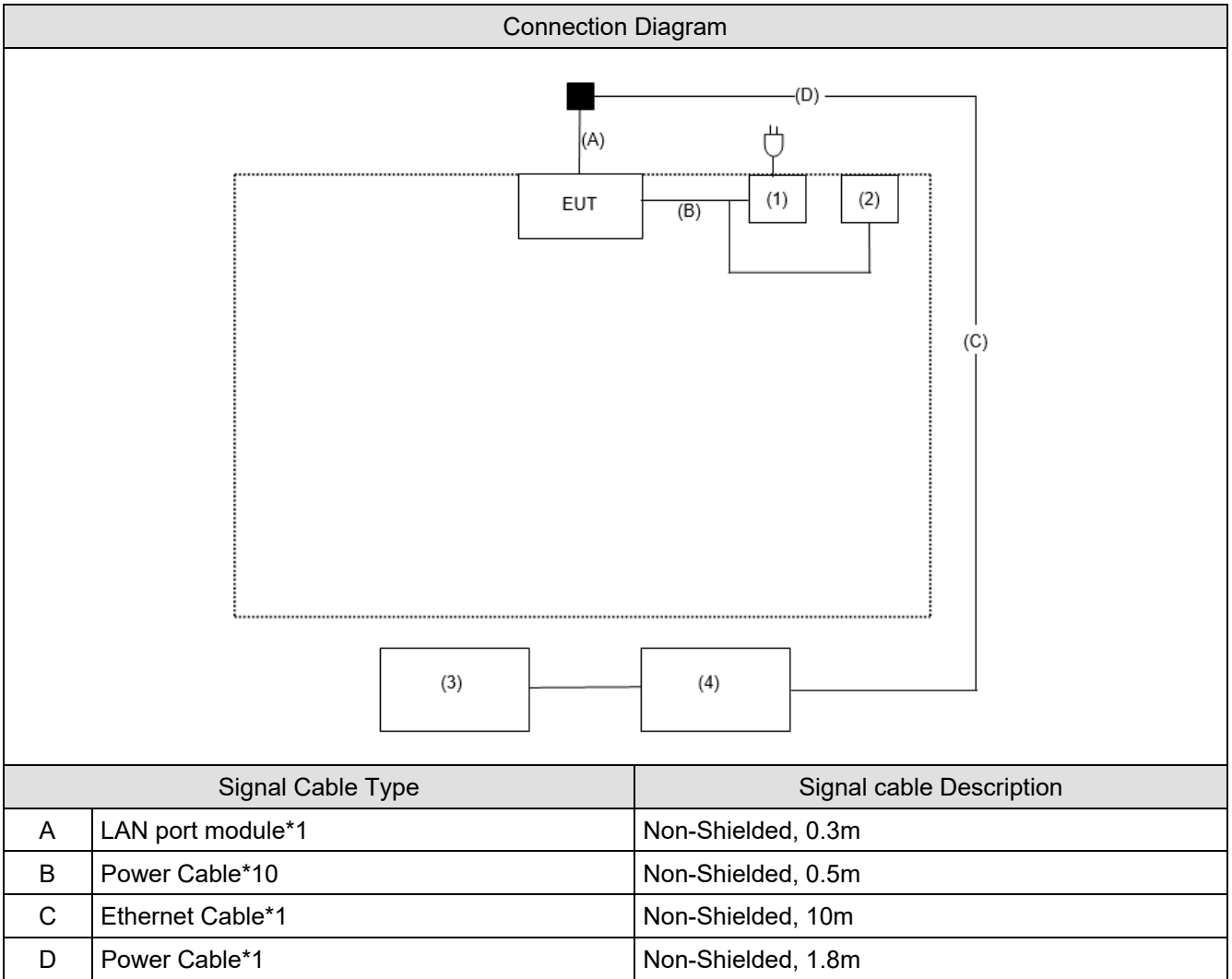
**Note:**

- Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
- For radiated spurious 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.

### 2.4. Tested System Details

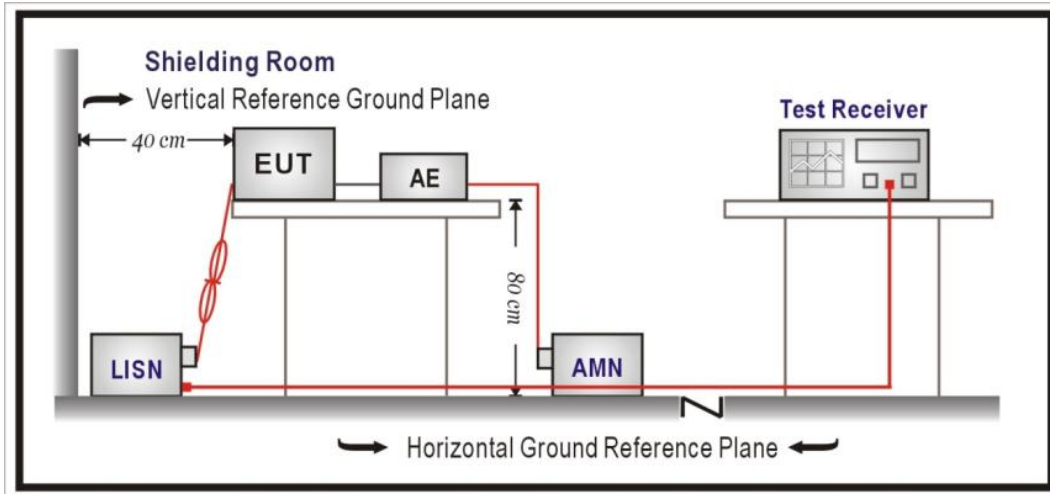
| No. | Equipment            | Brand Name | Model No.      | Serial No.   |
|-----|----------------------|------------|----------------|--------------|
| 1   | Adapter              | FSP        | FSP040-RHAN3   | N/A          |
| 2   | Countermeasure board | N/A        | N/A            | N/A          |
| 3   | Notebook             | DELL       | Latitude E6320 | 8611271467   |
| 4   | Router               | ASUS       | RT-AX88U       | JCITHP000040 |

### 2.5. Configuration of Tested System



### 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. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

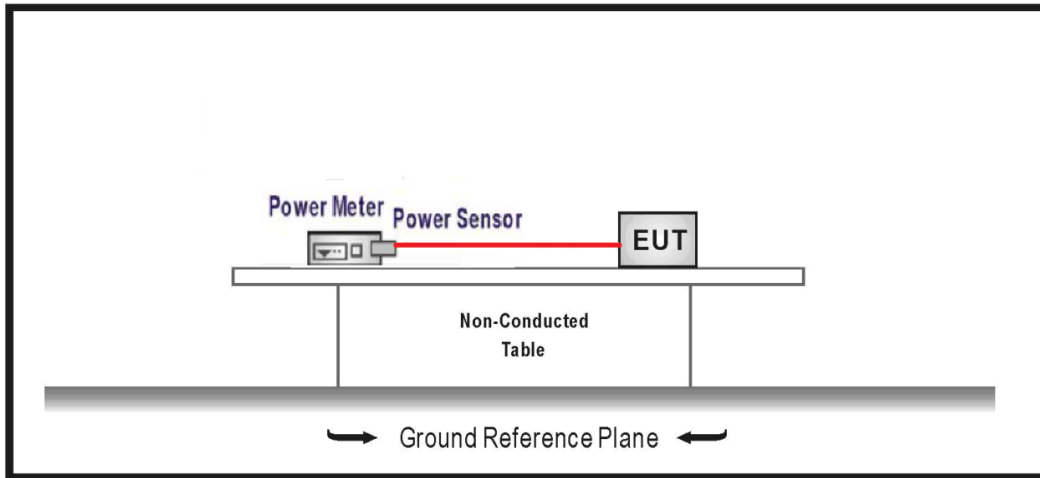
Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a receiver bandwidth of 9 kHz.

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

Refer as Appendix A

## 4. Maximum Conducted Output Power

### 4.1. Test Setup



### 4.2. Test Limit

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

### 4.3. Test Procedures

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

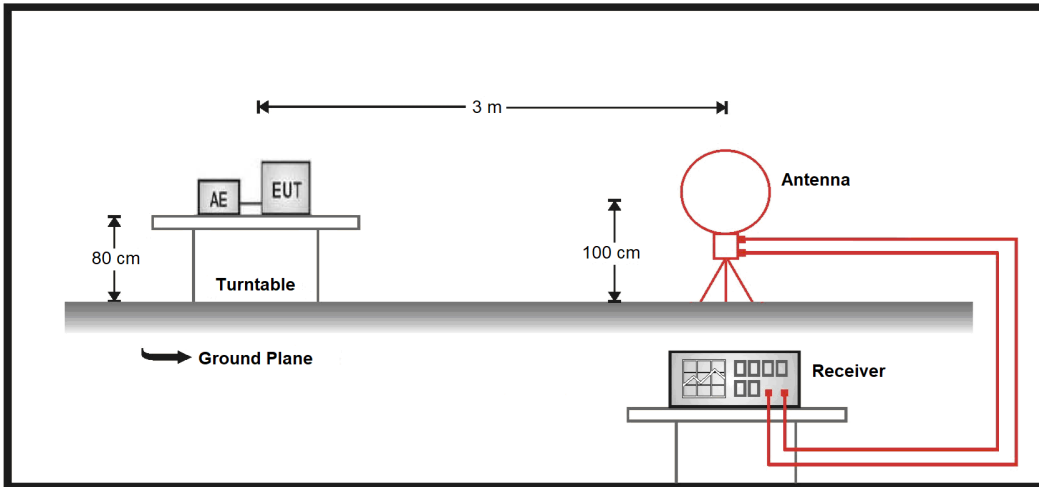
### 4.4. Test Result of Maximum Conducted Output Power

Refer as Appendix B

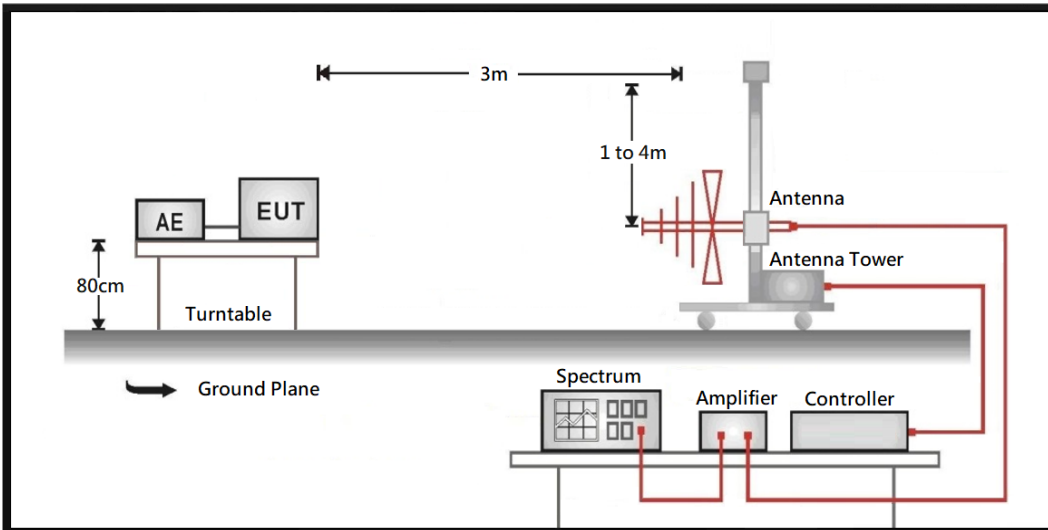
## 5. Transmitter Radiated Spurious Emission

### 5.1. Test Setup

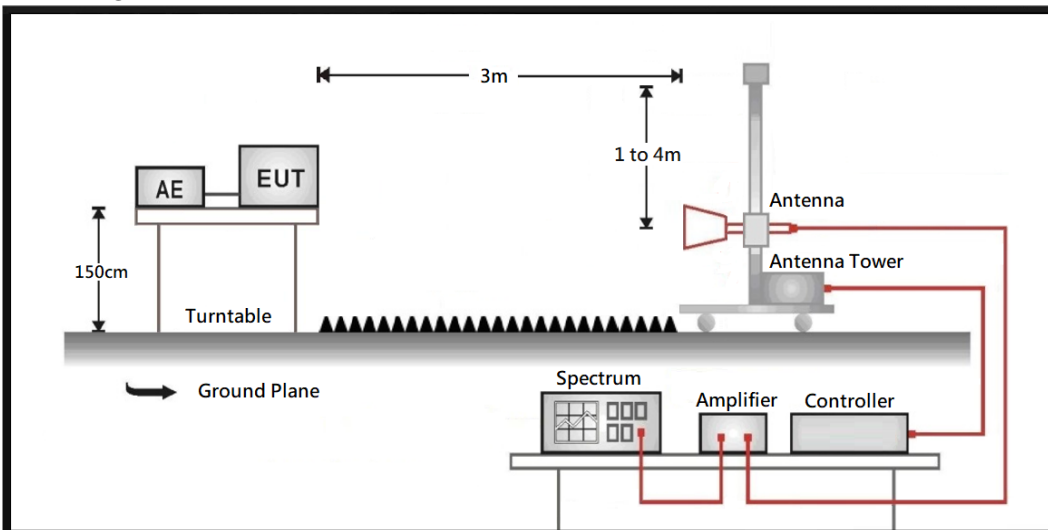
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



## 5.2. 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.

## 5.3. 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 from 9 kHz(include 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.

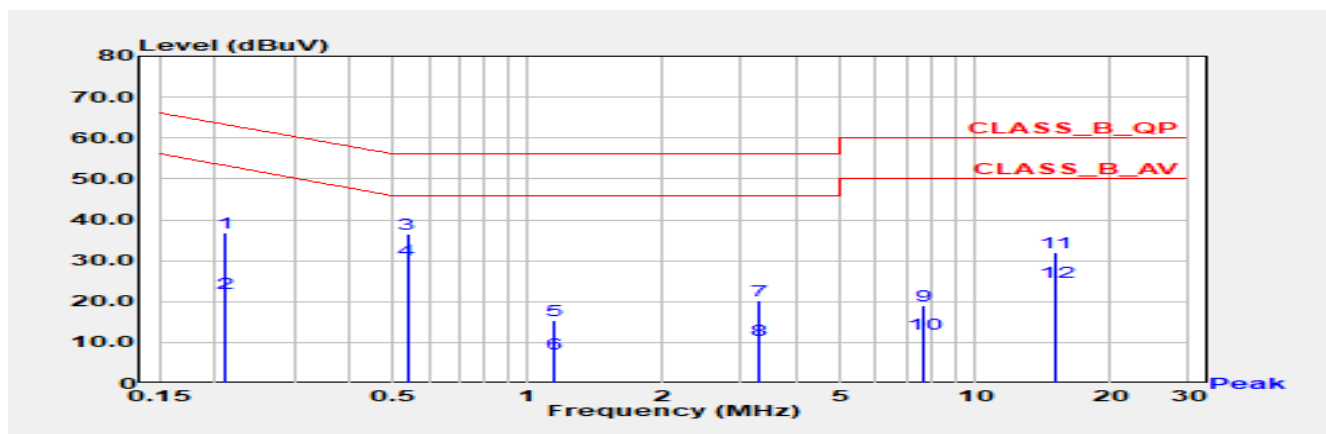
## 5.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix C



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

|                |   |       |      |
|----------------|---|-------|------|
| Test Mode      | Transmit                                      | Phase | Line |
| Test Condition | 802.11g (20 MHz) / Ant. 0 + Ant. 1 / 2452 MHz |       |      |

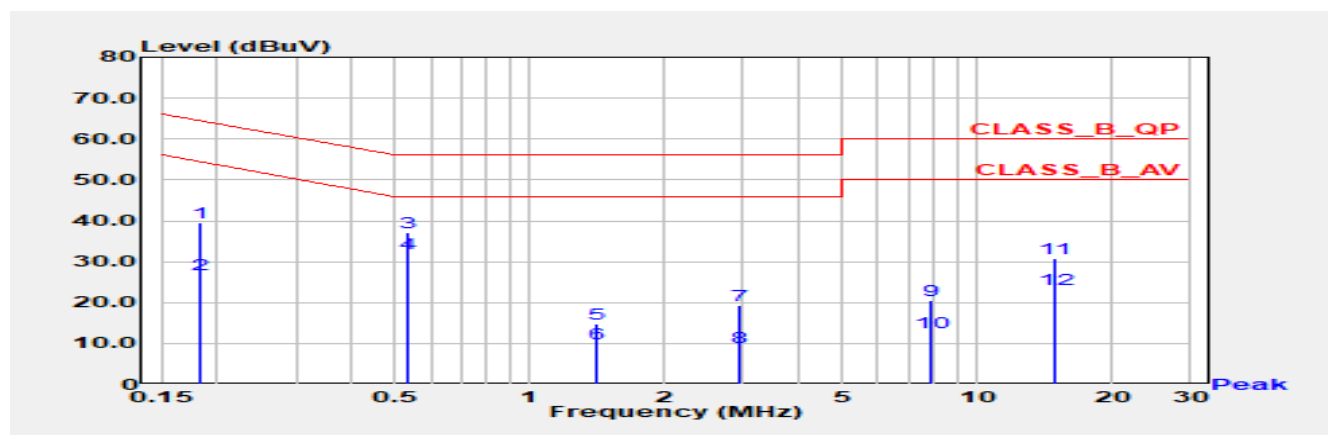


| No | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|----|-----------------|-----------------------|--------------|-------------|----------------------|---------------------|---------------|
| 1  | 0.211           | 36.82                 | 63.18        | -26.36      | 27.20                | 9.62                | QP            |
| 2  | 0.211           | 21.90                 | 53.18        | -31.28      | 12.28                | 9.62                | AV            |
| *3 | 0.537           | 36.43                 | 56.00        | -19.57      | 26.77                | 9.66                | QP            |
| *4 | 0.537           | 30.17                 | 46.00        | -15.83      | 20.52                | 9.66                | AV            |
| 5  | 1.140           | 15.30                 | 56.00        | -40.70      | 5.59                 | 9.71                | QP            |
| 6  | 1.140           | 7.34                  | 46.00        | -38.66      | -2.37                | 9.71                | AV            |
| 7  | 3.268           | 20.30                 | 56.00        | -35.70      | 10.49                | 9.81                | QP            |
| 8  | 3.268           | 10.57                 | 46.00        | -35.43      | 0.76                 | 9.81                | AV            |
| 9  | 7.705           | 18.97                 | 60.00        | -41.03      | 8.97                 | 10.00               | QP            |
| 10 | 7.705           | 11.96                 | 50.00        | -38.04      | 1.96                 | 10.00               | AV            |
| 11 | 15.063          | 31.91                 | 60.00        | -28.09      | 21.68                | 10.23               | QP            |
| 12 | 15.063          | 24.73                 | 50.00        | -25.27      | 14.50                | 10.23               | AV            |

Remark:

1. "\*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

|                |   |       |         |
|----------------|---|-------|---------|
| Test Mode      | Transmit                                      | Phase | Neutral |
| Test Condition | 802.11g (20 MHz) / Ant. 0 + Ant. 1 / 2452 MHz |       |         |



| No | Frequency (MHz) | Emission Level (dBUV) | Limit (dBUV) | Margin (dB) | Reading Level (dBUV) | Correct Factor (dB) | Detector Type |
|----|-----------------|-----------------------|--------------|-------------|----------------------|---------------------|---------------|
| 1  | 0.184           | 39.50                 | 64.31        | -24.81      | 29.89                | 9.62                | QP            |
| 2  | 0.184           | 26.76                 | 54.31        | -27.56      | 17.14                | 9.62                | AV            |
| *3 | 0.535           | 37.03                 | 56.00        | -18.97      | 27.38                | 9.65                | QP            |
| *4 | 0.535           | 31.95                 | 46.00        | -14.05      | 22.30                | 9.65                | AV            |
| 5  | 1.405           | 14.77                 | 56.00        | -41.23      | 5.05                 | 9.72                | QP            |
| 6  | 1.405           | 9.85                  | 46.00        | -36.15      | 0.13                 | 9.72                | AV            |
| 7  | 2.947           | 19.44                 | 56.00        | -36.56      | 9.64                 | 9.80                | QP            |
| 8  | 2.947           | 9.04                  | 46.00        | -36.96      | -0.76                | 9.80                | AV            |
| 9  | 7.834           | 20.47                 | 60.00        | -39.53      | 10.45                | 10.03               | QP            |
| 10 | 7.834           | 12.61                 | 50.00        | -37.39      | 2.59                 | 10.03               | AV            |
| 11 | 14.932          | 30.81                 | 60.00        | -29.19      | 20.48                | 10.33               | QP            |
| 12 | 14.932          | 23.31                 | 50.00        | -26.69      | 12.98                | 10.33               | AV            |

Remark:

1. "\*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

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

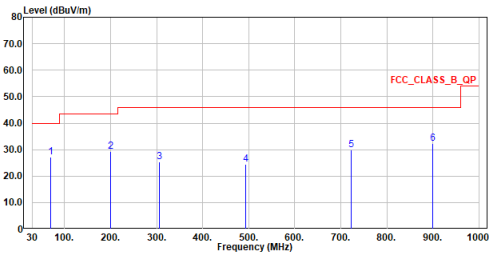
| Modulation       | Frequency (MHz) | Maximum Conducted Average Output Power (dBm) |        |       |       | Antenna Gain (dBi) | E.I.R.P Power (dBm) | E.I.R.P Limit (dBm) |
|------------------|-----------------|--|--------|-------|-------|--------------------|---------------------|---------------------|
|                  |                 | Ant. 0                                       | Ant. 1 | Total | Limit |                    |                     |                     |
| 802.11b          | 2412            | 14.87  | 14.23  | 17.57 | 30.00 | 4.3                | 21.87               | 36.00               |
|                  | 2437            | 14.95  | 14.46  | 17.72 | 30.00 | 4.3                | 22.02               | 36.00               |
|                  | 2462            | 14.93  | 14.41  | 17.69 | 30.00 | 4.3                | 21.99               | 36.00               |
| 802.11g          | 2412            | 11.70  | 11.19  | 14.46 | 30.00 | 4.3                | 18.76               | 36.00               |
|                  | 2422            | 17.85  | 17.66  | 20.77 | 30.00 | 4.3                | 25.07               | 36.00               |
|                  | 2437            | 17.91  | 17.71  | 20.82 | 30.00 | 4.3                | 25.12               | 36.00               |
|                  | 2452            | 16.96  | 16.73  | 19.86 | 30.00 | 4.3                | 24.16               | 36.00               |
|                  | 2462            | 12.28  | 11.45  | 14.90 | 30.00 | 4.3                | 19.20               | 36.00               |
| 802.11n (20 MHz) | 2412            | 11.85  | 11.50  | 14.69 | 30.00 | 4.3                | 18.99               | 36.00               |
|                  | 2422            | 16.91  | 16.75  | 19.84 | 30.00 | 4.3                | 24.14               | 36.00               |
|                  | 2437            | 16.95  | 16.78  | 19.88 | 30.00 | 4.3                | 24.18               | 36.00               |
|                  | 2452            | 16.94  | 16.84  | 19.90 | 30.00 | 4.3                | 24.20               | 36.00               |
|                  | 2462            | 12.23  | 11.64  | 14.96 | 30.00 | 4.3                | 19.26               | 36.00               |

Note: E.I.R.P. = Maximum Conducted Output Power + Antenna Gain.

## Appendix C. Test Result of Transmitter Radiated Spurious Emission

### 30 MHz ~ 1 GHz

Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :LF\_g\_TX\_2452MHz  
 Test By :Gary

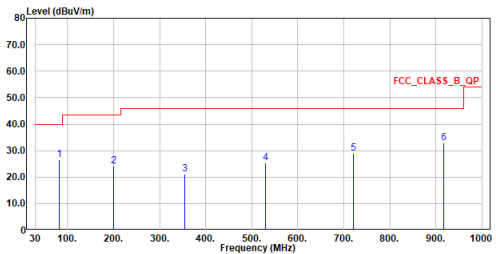


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 69.091           | 27.16           | 40.00                   | -12.84              | 31.44                 | -4.28        | QP     |
| 2   | 199.944          | 29.26           | 43.50                   | -14.24              | 35.27                 | -6.01        | QP     |
| 3   | 306.450          | 25.28           | 46.00                   | -20.72              | 27.16                 | -1.88        | QP     |
| 4   | 493.175          | 24.35           | 46.00                   | -21.65              | 21.52                 | 2.83         | QP     |
| 5   | 722.580          | 29.83           | 46.00                   | -16.17              | 22.46                 | 7.37         | QP     |
| 6   | 899.217          | 32.19           | 46.00                   | -13.81              | 22.56                 | 9.63         | QP     |

Note:

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

Site :HC-CB02  
 Condition :3m Vertical  
 Mode :LF\_g\_TX\_2452MHz  
 Test By :Gary



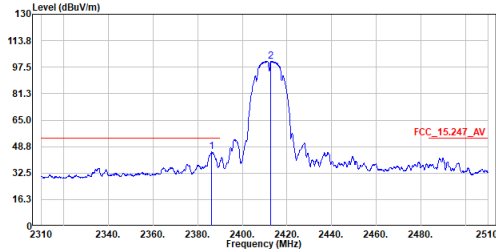
| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 81.701           | 26.49           | 40.00                   | -13.51              | 33.84                 | -7.35        | QP     |
| 2   | 199.944          | 24.22           | 43.50                   | -19.28              | 30.23                 | -6.01        | QP     |
| 3   | 354.368          | 21.19           | 46.00                   | -24.81              | 22.05                 | -0.86        | QP     |
| 4   | 529.647          | 25.32           | 46.00                   | -20.68              | 21.78                 | 3.54         | QP     |
| 5   | 720.349          | 28.92           | 46.00                   | -17.08              | 21.59                 | 7.33         | QP     |
| 6   | 917.744          | 32.98           | 46.00                   | -13.02              | 23.00                 | 9.98         | QP     |

Note:

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

### Above 1 GHz

Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2412MHz  
 Test By :Gary

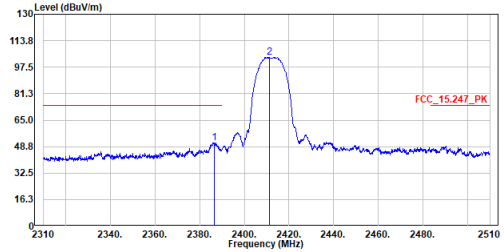


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2386.200         | 45.42           | 54.00                   | -8.58               | 33.53                 | 11.89        | Average |
| 2   | 2412.800         | 101.12          | -----                   | -----               | 89.09                 | 12.03        | 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-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2412MHz  
 Test By :Gary

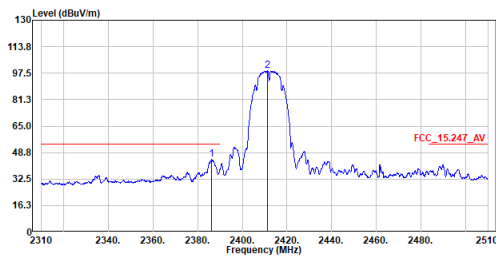


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2386.600         | 51.11           | 74.00                   | -22.89              | 39.22                 | 11.89        | Peak   |
| 2   | 2411.200         | 103.66          | -----                   | -----               | 91.64                 | 12.02        | 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-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2412MHz  
 Test By :Gary

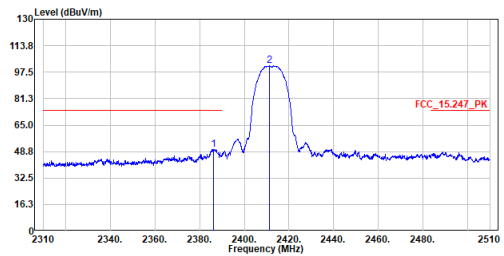


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2386.300         | 44.50           | 54.00                   | -9.50               | 32.61                 | 11.89        | Average |
| 2   | 2411.300         | 98.85           | -----                   | -----               | 86.83                 | 12.02        | 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-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2412MHz  
 Test By :Gary

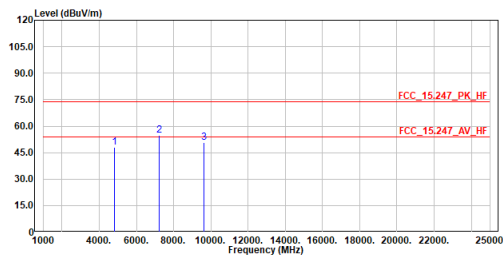


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2386.200         | 50.15           | 74.00                   | -23.85              | 38.26                 | 11.89        | Peak   |
| 2   | 2411.200         | 101.42          | -----                   | -----               | 89.40                 | 12.02        | 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.

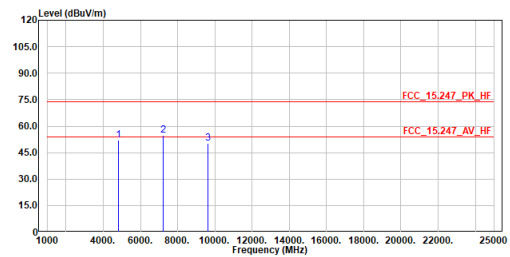
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4824.000         | 48.10           | 74.00                   | -25.90              | 62.78                 | -14.68       | Peak   |
| 2   | 7236.000         | 54.63           | 74.00                   | -19.37              | 62.63                 | -8.00        | Peak   |
| 3   | 9648.000         | 50.87           | 74.00                   | -23.13              | 55.45                 | -4.58        | 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.

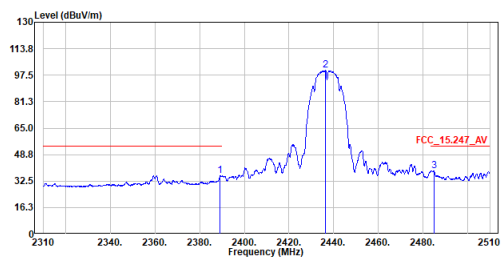
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4824.000         | 52.15           | 74.00                   | -21.85              | 66.83                 | -14.68       | Peak   |
| 2   | 7236.000         | 54.76           | 74.00                   | -19.24              | 62.76                 | -8.00        | Peak   |
| 3   | 9648.000         | 50.45           | 74.00                   | -23.55              | 55.03                 | -4.58        | 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.

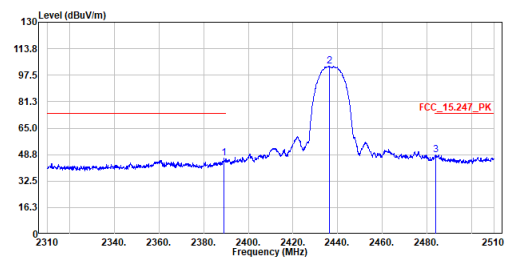
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2437MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2389.200         | 35.77           | 54.00                   | -18.23              | 23.86                 | 11.91        | Average |
| 2   | 2436.300         | 100.35          | -----                   | -----               | 88.20                 | 12.15        | Average |
| 3   | 2484.900         | 38.97           | 54.00                   | -15.03              | 26.56                 | 12.41        | 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.

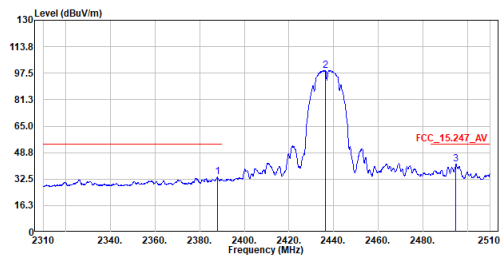
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2437MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2389.200         | 46.72           | 74.00                   | -27.28              | 34.81                 | 11.91        | Peak   |
| 2   | 2436.300         | 102.96          | -----                   | -----               | 90.81                 | 12.15        | Peak   |
| 3   | 2484.000         | 48.48           | 74.00                   | -25.52              | 36.07                 | 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.

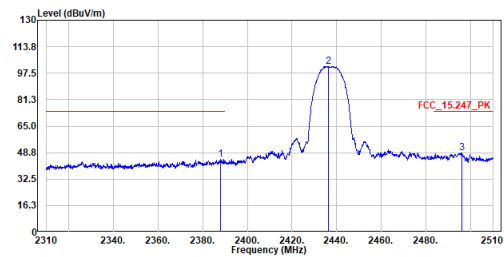
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2437MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2388.000         | 33.61           | 54.00                   | -20.39              | 21.71                 | 11.90        | Average |
| 2   | 2436.300         | 99.23           | -----                   | -----               | 87.08                 | 12.15        | Average |
| 3   | 2494.800         | 41.55           | 54.00                   | -12.45              | 29.09                 | 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.

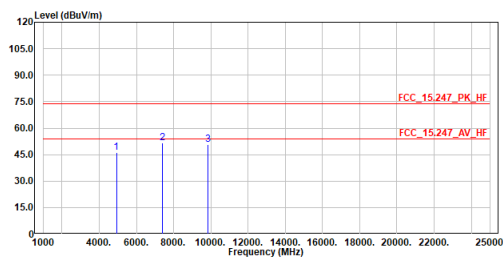
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2437MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2388.000         | 44.65           | 74.00                   | -29.35              | 32.75                 | 11.90        | Peak   |
| 2   | 2436.300         | 101.78          | -----                   | -----               | 89.63                 | 12.15        | Peak   |
| 3   | 2496.200         | 48.79           | 74.00                   | -25.21              | 36.32                 | 12.47        | 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.

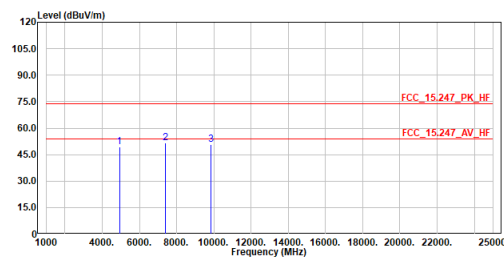
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2437MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4924.000         | 46.40           | 74.00                   | -27.60              | 60.68                 | -14.28       | Peak   |
| 2   | 7386.000         | 51.69           | 74.00                   | -22.31              | 59.56                 | -7.87        | Peak   |
| 3   | 9848.000         | 50.55           | 74.00                   | -23.45              | 54.73                 | -4.18        | 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.

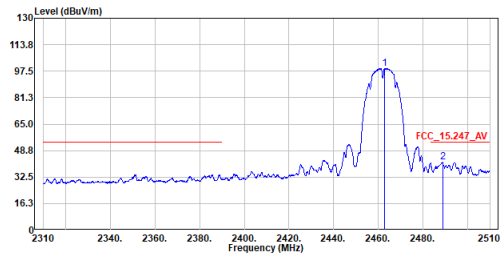
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2437MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4924.000         | 49.36           | 74.00                   | -24.64              | 63.64                 | -14.28       | Peak   |
| 2   | 7386.000         | 51.50           | 74.00                   | -22.50              | 59.37                 | -7.87        | Peak   |
| 3   | 9848.000         | 50.79           | 74.00                   | -23.21              | 54.97                 | -4.18        | 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.

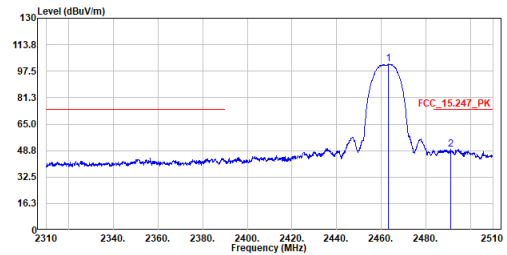
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2462MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2462.800         | 99.29           | -----                   | -----               | 86.99                 | 12.30        | Average |
| 2   | 2488.800         | 41.54           | 54.00                   | -12.46              | 29.10                 | 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.

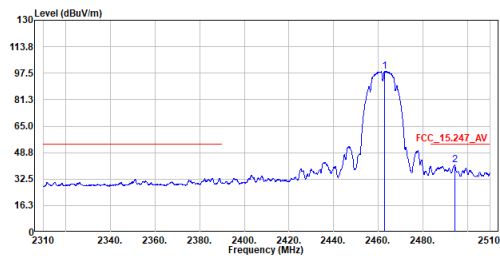
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2462MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2463.100         | 101.80          | -----                   | -----               | 89.50                 | 12.30        | Peak   |
| 2   | 2491.100         | 49.62           | 74.00                   | -24.38              | 37.18                 | 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.

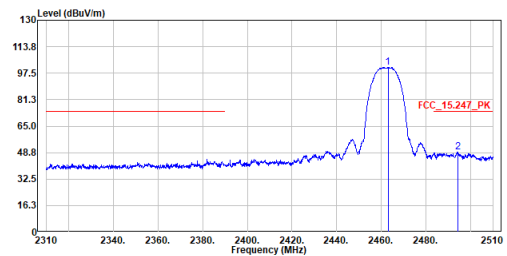
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2462MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2462.900         | 98.67           | -----                   | -----               | 86.37                 | 12.30        | Average |
| 2   | 2494.200         | 41.02           | 54.00                   | -12.98              | 28.56                 | 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-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2462MHz  
 Test By :Gary

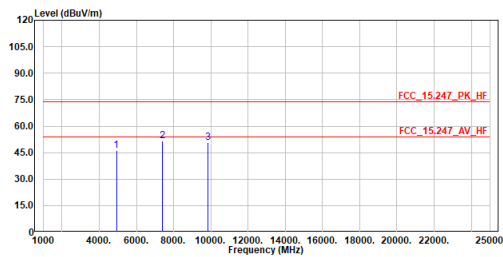


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2463.000         | 101.14          | -----                   | -----               | 88.84                 | 12.30        | Peak   |
| 2   | 2494.200         | 49.27           | 74.00                   | -24.73              | 36.81                 | 12.46        | 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-CB02  
 Condition :3m Horizontal  
 Mode :b\_TX\_2462MHz  
 Test By :Gary

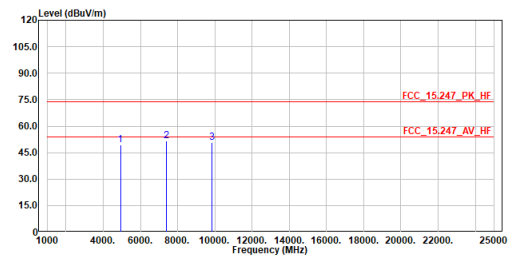


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4924.000         | 46.40           | 74.00                   | -27.60              | 60.68                 | -14.28       | Peak   |
| 2   | 7386.000         | 51.69           | 74.00                   | -22.31              | 59.56                 | -7.87        | Peak   |
| 3   | 9848.000         | 50.55           | 74.00                   | -23.45              | 54.73                 | -4.18        | 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-CB02  
 Condition :3m Vertical  
 Mode :b\_TX\_2462MHz  
 Test By :Gary

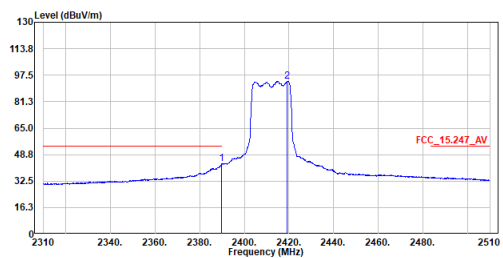


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4924.000         | 49.36           | 74.00                   | -24.64              | 63.64                 | -14.28       | Peak   |
| 2   | 7386.000         | 51.50           | 74.00                   | -22.50              | 59.37                 | -7.87        | Peak   |
| 3   | 9848.000         | 50.79           | 74.00                   | -23.21              | 54.97                 | -4.18        | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2412MHz  
 Test By :Gary

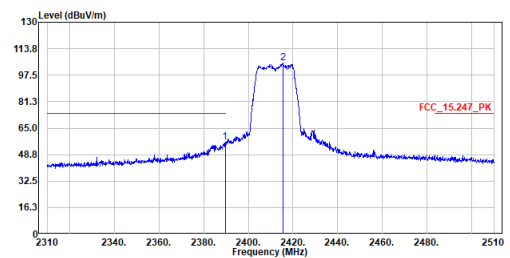


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2389.900         | 42.96           | 54.00                   | -11.04              | 31.05                 | 11.91        | Average |
| 2   | 2419.200         | 93.72           | -----                   | -----               | 81.65                 | 12.07        | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2412MHz  
 Test By :Gary

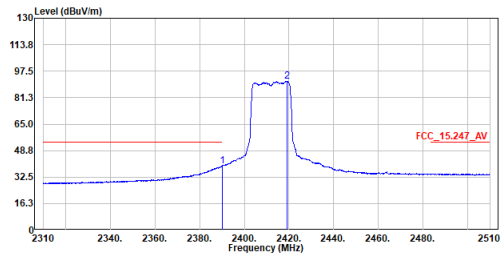


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2389.600         | 56.44           | 74.00                   | -17.56              | 44.53                 | 11.91        | Peak   |
| 2   | 2415.400         | 104.83          | -----                   | -----               | 92.78                 | 12.05        | 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.

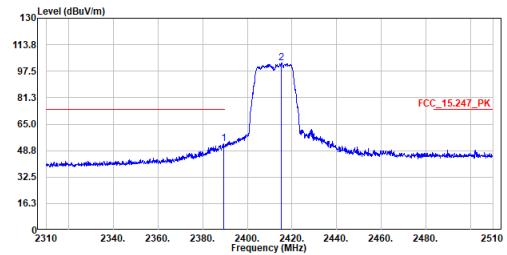
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2390.000         | 39.32           | 54.00                   | -14.68              | 27.41                 | 11.91        | Average |
| 2   | 2419.200         | 91.47           | -----                   | -----               | 79.40                 | 12.07        | 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.

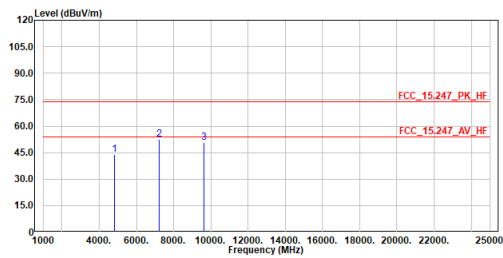
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2389.300         | 52.83           | 74.00                   | -21.17              | 40.92                 | 11.91        | Peak   |
| 2   | 2415.300         | 102.46          | -----                   | -----               | 90.41                 | 12.05        | 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.

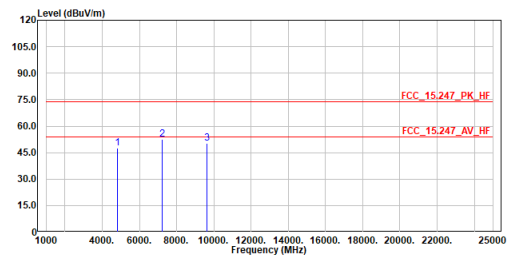
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4824.000         | 43.93           | 74.00                   | -30.07              | 58.61                 | -14.68       | Peak   |
| 2   | 7236.000         | 52.42           | 74.00                   | -21.58              | 60.42                 | -8.00        | Peak   |
| 3   | 9648.000         | 50.88           | 74.00                   | -23.12              | 55.46                 | -4.58        | 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.

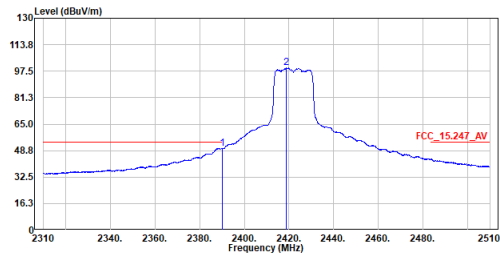
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4824.000         | 47.74           | 74.00                   | -26.26              | 62.42                 | -14.68       | Peak   |
| 2   | 7236.000         | 52.59           | 74.00                   | -21.41              | 60.59                 | -8.00        | Peak   |
| 3   | 9648.000         | 50.34           | 74.00                   | -23.66              | 54.92                 | -4.58        | 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.

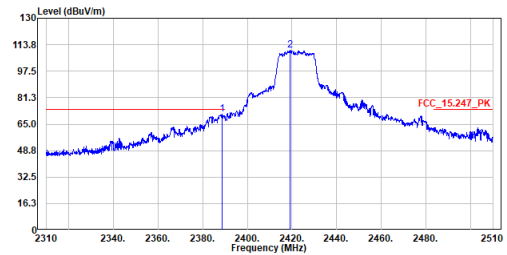
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2422MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 2390.000         | 50.21           | 54.00           | -3.79               | 38.30                 | 11.91        | Average |
| 2   | 2418.800         | 99.62           | -----           | -----               | 87.55                 | 12.07        | 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.

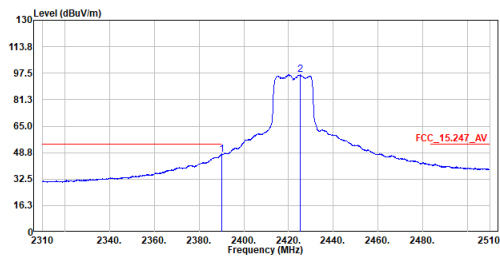
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2422MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|--------|
| 1   | 2388.700         | 70.96           | 74.00           | -3.04               | 59.05                 | 11.91        | Peak   |
| 2   | 2419.200         | 110.17          | -----           | -----               | 98.10                 | 12.07        | 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.

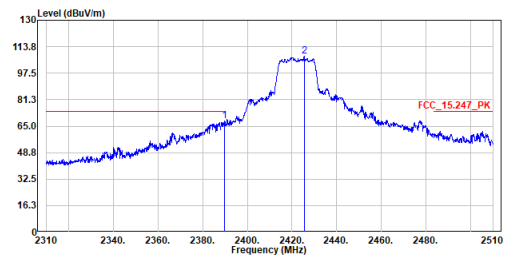
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2422MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 2390.000         | 47.54           | 54.00           | -6.46               | 35.63                 | 11.91        | Average |
| 2   | 2425.200         | 96.57           | -----           | -----               | 84.47                 | 12.10        | 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.

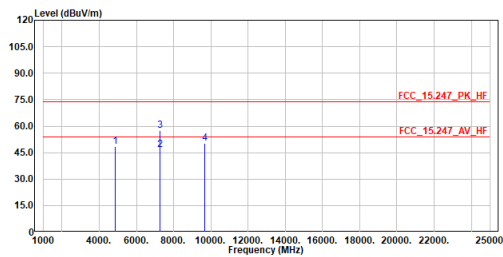
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2422MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|--------|
| 1   | 2389.900         | 67.96           | 74.00           | -6.04               | 56.05                 | 11.91        | Peak   |
| 2   | 2425.600         | 107.85          | -----           | -----               | 95.75                 | 12.10        | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2422MHz  
 Test By :Gary

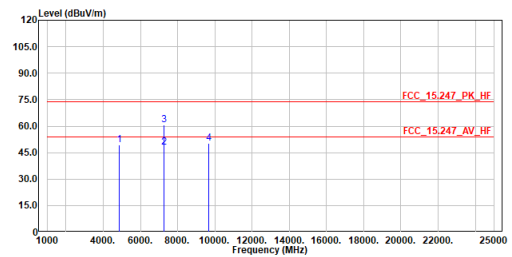


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 4844.000         | 48.27           | 74.00                   | -25.73              | 62.87                 | -14.60       | Peak    |
| 2   | 7266.000         | 46.58           | 54.00                   | -7.42               | 54.56                 | -7.98        | Average |
| 3   | 7266.000         | 57.65           | 74.00                   | -16.35              | 65.63                 | -7.98        | Peak    |
| 4   | 9688.000         | 50.26           | 74.00                   | -23.74              | 54.76                 | -4.50        | 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-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2422MHz  
 Test By :Gary

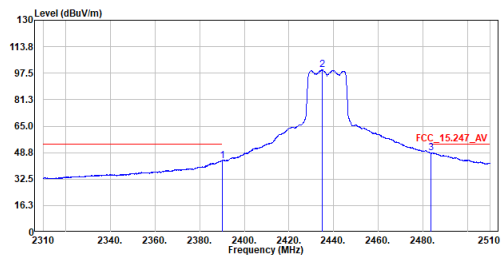


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 4844.000         | 49.43           | 74.00                   | -24.57              | 64.03                 | -14.60       | Peak    |
| 2   | 7266.000         | 48.09           | 54.00                   | -5.91               | 56.07                 | -7.98        | Average |
| 3   | 7266.000         | 60.85           | 74.00                   | -13.15              | 68.83                 | -7.98        | Peak    |
| 4   | 9688.000         | 50.19           | 74.00                   | -23.81              | 54.69                 | -4.50        | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2437MHz  
 Test By :Gary

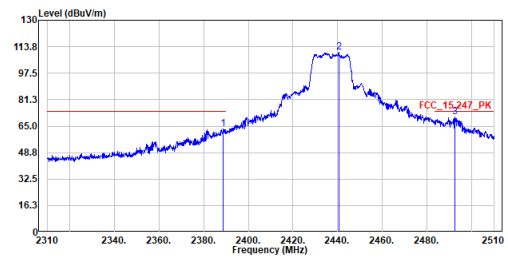


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2390.000         | 43.83           | 54.00                   | -10.17              | 31.92                 | 11.91        | Average |
| 2   | 2435.000         | 99.69           | -----                   | -----               | 87.54                 | 12.15        | Average |
| 3   | 2483.600         | 48.79           | 54.00                   | -5.21               | 36.39                 | 12.40        | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2437MHz  
 Test By :Gary

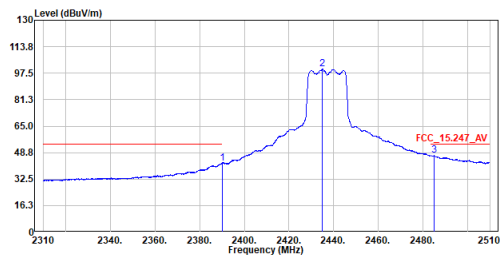


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2388.700         | 63.34           | 74.00                   | -10.66              | 51.43                 | 11.91        | Peak   |
| 2   | 2440.500         | 110.40          | -----                   | -----               | 98.23                 | 12.17        | Peak   |
| 3   | 2492.600         | 70.50           | 74.00                   | -3.50               | 58.05                 | 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-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2437MHz  
 Test By :Gary

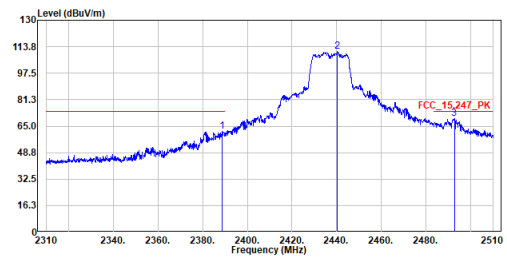


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2390.000         | 42.29           | 54.00                   | -11.71              | 30.38                 | 11.91        | Average |
| 2   | 2435.000         | 100.02          | -----                   | -----               | 87.87                 | 12.15        | Average |
| 3   | 2484.900         | 46.89           | 54.00                   | -7.11               | 34.48                 | 12.41        | 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-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2437MHz  
 Test By :Gary

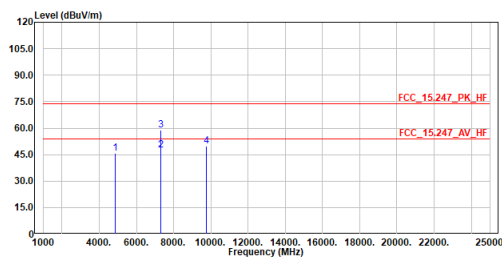


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2388.700         | 61.93           | 74.00                   | -12.07              | 50.02                 | 11.91        | Peak   |
| 2   | 2440.300         | 110.91          | -----                   | -----               | 98.74                 | 12.17        | Peak   |
| 3   | 2492.700         | 69.67           | 74.00                   | -4.33               | 57.22                 | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2437MHz  
 Test By :Gary

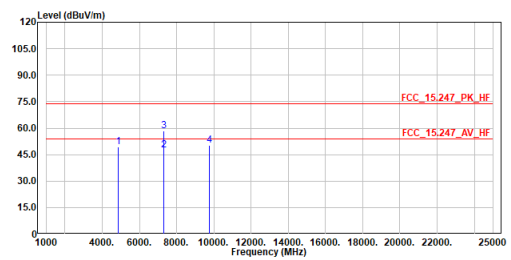


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 4874.000         | 45.78           | 74.00                   | -28.22              | 60.26                 | -14.48       | Peak    |
| 2   | 7311.000         | 47.52           | 54.00                   | -6.48               | 55.46                 | -7.94        | Average |
| 3   | 7311.000         | 58.82           | 74.00                   | -15.18              | 66.76                 | -7.94        | Peak    |
| 4   | 9748.000         | 49.74           | 74.00                   | -24.26              | 54.12                 | -4.38        | 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-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2437MHz  
 Test By :Gary

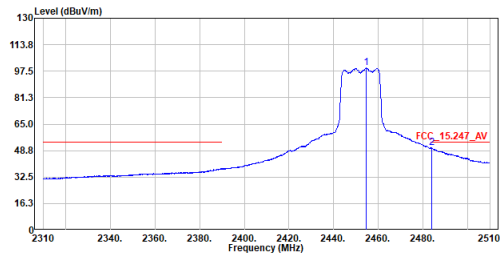


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 4874.000         | 49.21           | 74.00                   | -24.79              | 63.69                 | -14.48       | Peak    |
| 2   | 7311.000         | 47.71           | 54.00                   | -6.29               | 55.65                 | -7.94        | Average |
| 3   | 7311.000         | 58.61           | 74.00                   | -15.39              | 66.55                 | -7.94        | Peak    |
| 4   | 9748.000         | 50.34           | 74.00                   | -23.66              | 54.72                 | -4.38        | 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.

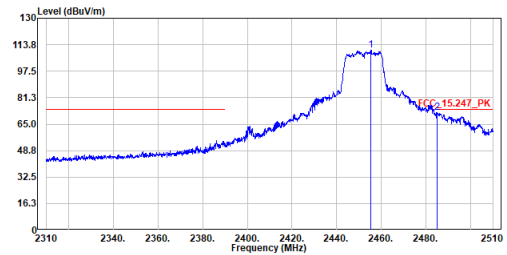
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2452MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2454.500         | 99.42           | -----                   | -----               | 87.17                 | 12.25        | Average |
| 2   | 2484.000         | 50.30           | 54.00                   | -3.70               | 37.89                 | 12.41        | 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.

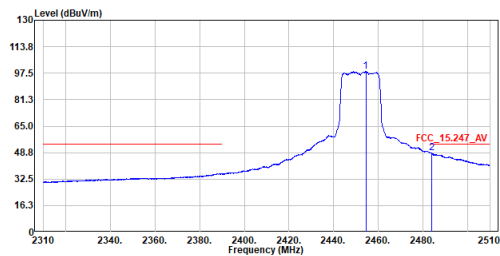
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2452MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2455.400         | 110.52          | -----                   | -----               | 98.27                 | 12.25        | Peak   |
| 2   | 2484.900         | 72.30           | 74.00                   | -1.70               | 59.89                 | 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.

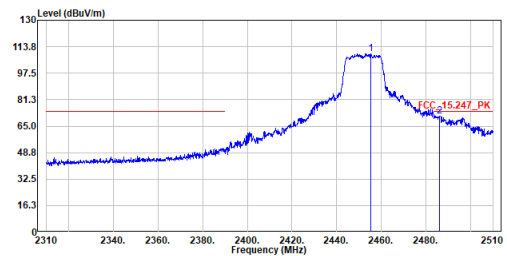
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2452MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2454.400         | 98.45           | -----                   | -----               | 86.20                 | 12.25        | Average |
| 2   | 2483.800         | 48.56           | 54.00                   | -5.44               | 36.15                 | 12.41        | 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.

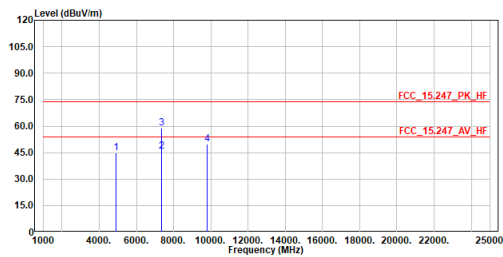
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2452MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2455.300         | 109.60          | -----                   | -----               | 97.35                 | 12.25        | Peak   |
| 2   | 2486.000         | 71.16           | 74.00                   | -2.84               | 58.75                 | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2452MHz  
 Test By :Gary

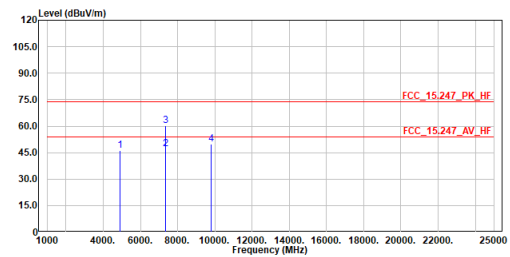


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 4904.000         | 44.64           | 74.00                   | -29.36              | 59.00                 | -14.36       | Peak    |
| 2   | 7356.000         | 45.71           | 54.00                   | -8.29               | 53.61                 | -7.90        | Average |
| 3   | 7356.000         | 59.06           | 74.00                   | -14.94              | 66.96                 | -7.90        | Peak    |
| 4   | 9808.000         | 49.84           | 74.00                   | -24.16              | 54.10                 | -4.26        | 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-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2452MHz  
 Test By :Gary

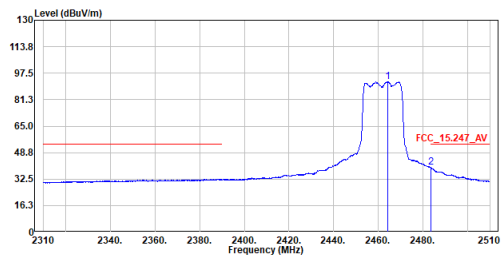


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 4904.000         | 46.16           | 74.00                   | -27.84              | 60.52                 | -14.36       | Peak    |
| 2   | 7356.000         | 47.27           | 54.00                   | -6.73               | 55.17                 | -7.90        | Average |
| 3   | 7356.000         | 60.26           | 74.00                   | -13.74              | 68.16                 | -7.90        | Peak    |
| 4   | 9808.000         | 49.81           | 74.00                   | -24.19              | 54.07                 | -4.26        | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2462MHz  
 Test By :Gary

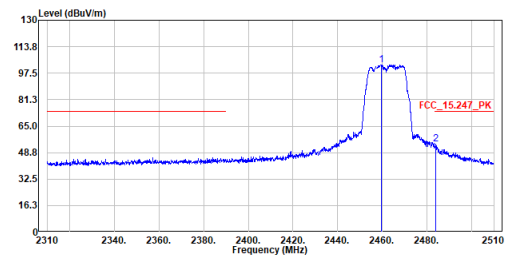


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2464.300         | 92.33           | -----                   | -----               | 80.03                 | 12.30        | Average |
| 2   | 2483.600         | 39.50           | 54.00                   | -14.50              | 27.10                 | 12.40        | 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-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2462MHz  
 Test By :Gary

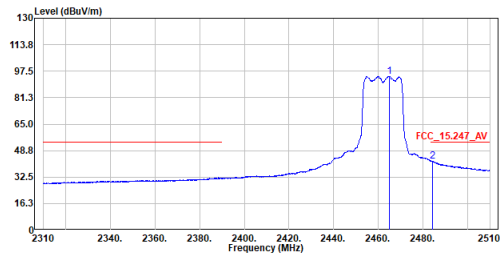


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2459.500         | 102.73          | -----                   | -----               | 90.46                 | 12.27        | Peak   |
| 2   | 2484.100         | 54.03           | 74.00                   | -19.97              | 41.62                 | 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.

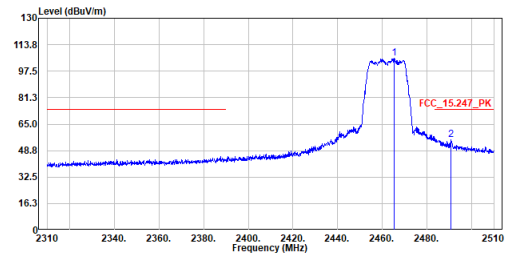
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2462MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2465.100         | 94.42           | -----                   | -----               | 82.11                 | 12.31        | Average |
| 2   | 2484.300         | 42.27           | 54.00                   | -11.73              | 29.86                 | 12.41        | 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.

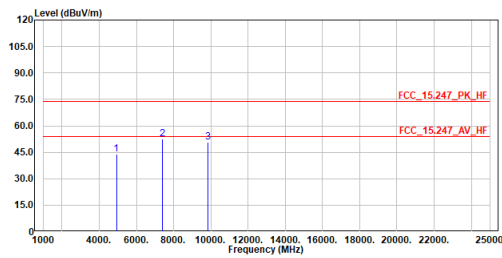
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2462MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2465.200         | 105.37          | -----                   | -----               | 93.06                 | 12.31        | Peak   |
| 2   | 2490.900         | 55.54           | 74.00                   | -18.46              | 43.10                 | 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.

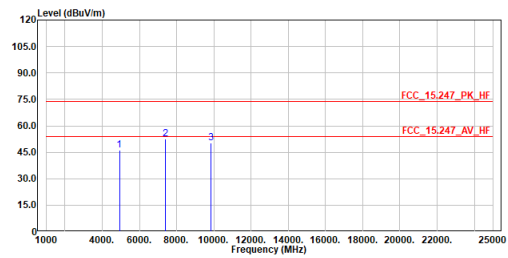
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :g\_TX\_2462MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4924.000         | 43.81           | 74.00                   | -30.19              | 58.09                 | -14.28       | Peak   |
| 2   | 7386.000         | 52.66           | 74.00                   | -21.34              | 60.53                 | -7.87        | Peak   |
| 3   | 9848.000         | 50.69           | 74.00                   | -23.31              | 54.87                 | -4.18        | 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-CB02  
 Condition :3m Vertical  
 Mode :g\_TX\_2462MHz  
 Test By :Gary

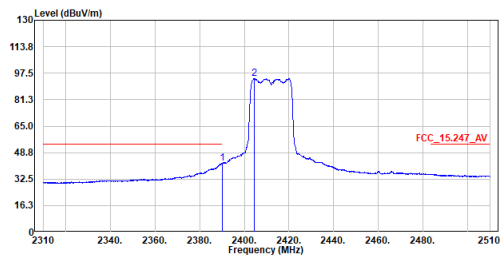


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4924.000         | 46.26           | 74.00                   | -27.74              | 60.54                 | -14.28       | Peak   |
| 2   | 7386.000         | 52.73           | 74.00                   | -21.27              | 60.60                 | -7.87        | Peak   |
| 3   | 9848.000         | 50.38           | 74.00                   | -23.62              | 54.56                 | -4.18        | 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.



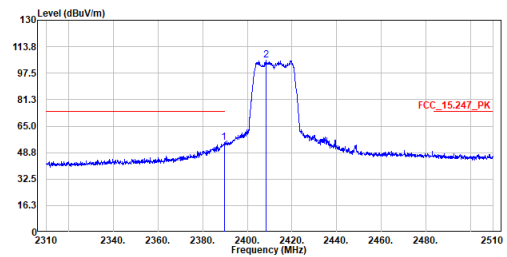
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 2390.000         | 42.19           | 54.00           | -11.81              | 30.28                 | 11.91        | Average |
| 2   | 2404.400         | 94.37           | -----           | -----               | 82.38                 | 11.99        | 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.

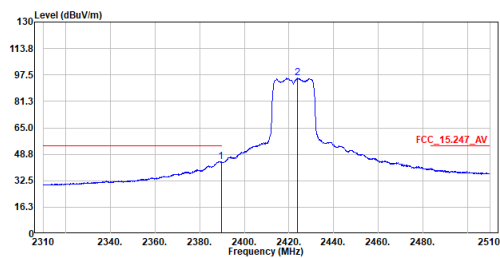
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|--------|
| 1   | 2389.600         | 55.06           | 74.00           | -18.94              | 43.15                 | 11.91        | Peak   |
| 2   | 2408.400         | 105.34          | -----           | -----               | 93.33                 | 12.01        | 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.

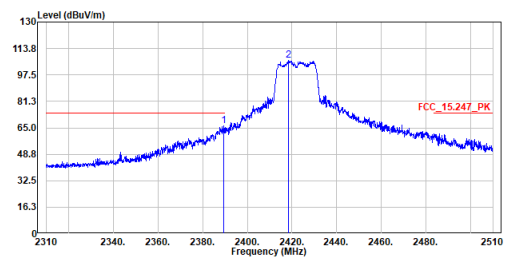
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 2389.600         | 44.32           | 54.00           | -9.68               | 32.41                 | 11.91        | Average |
| 2   | 2423.800         | 95.49           | -----           | -----               | 83.40                 | 12.09        | 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.

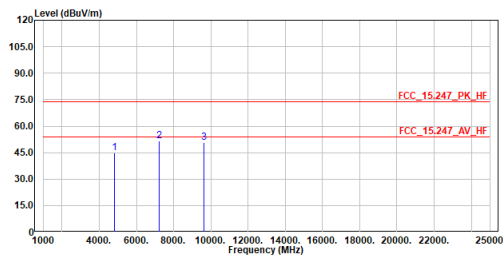
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2412MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|--------|
| 1   | 2389.500         | 66.16           | 74.00           | -7.84               | 54.25                 | 11.91        | Peak   |
| 2   | 2418.300         | 106.34          | -----           | -----               | 94.27                 | 12.07        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2412MHz  
 Test By :Gary

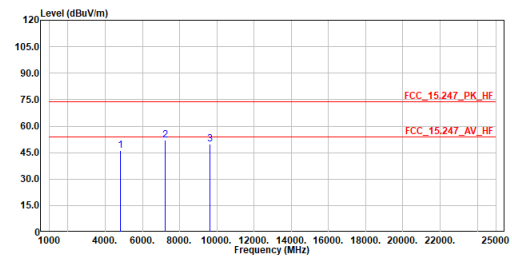


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4824.000         | 44.80           | 74.00                   | -29.20              | 59.48                 | -14.68       | Peak   |
| 2   | 7236.000         | 51.79           | 74.00                   | -22.21              | 59.79                 | -8.00        | Peak   |
| 3   | 9648.000         | 50.66           | 74.00                   | -23.34              | 55.24                 | -4.58        | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2412MHz  
 Test By :Gary

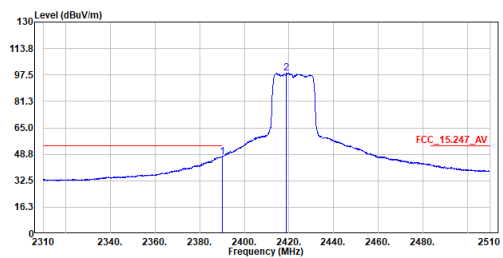


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 4824.000         | 45.98           | 74.00                   | -28.02              | 60.66                 | -14.68       | Peak   |
| 2   | 7236.000         | 52.10           | 74.00                   | -21.90              | 60.10                 | -8.00        | Peak   |
| 3   | 9648.000         | 49.89           | 74.00                   | -24.11              | 54.47                 | -4.58        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2422MHz  
 Test By :Gary

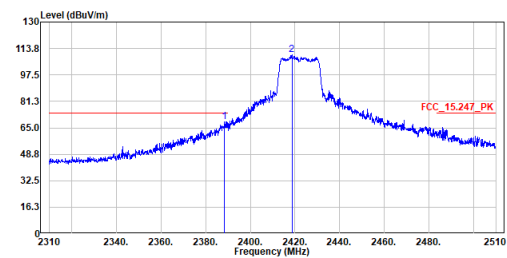


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2390.000         | 47.32           | 54.00                   | -6.68               | 35.41                 | 11.91        | Average |
| 2   | 2418.800         | 98.52           | -----                   | -----               | 86.45                 | 12.07        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2422MHz  
 Test By :Gary

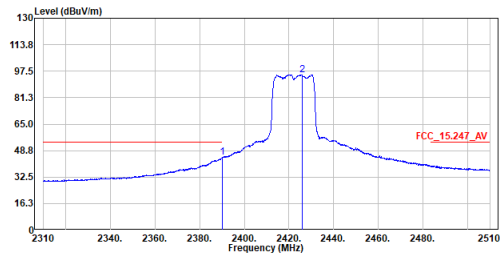


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2388.300         | 68.85           | 74.00                   | -5.15               | 56.95                 | 11.90        | Peak   |
| 2   | 2418.600         | 110.12          | -----                   | -----               | 98.05                 | 12.07        | 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.

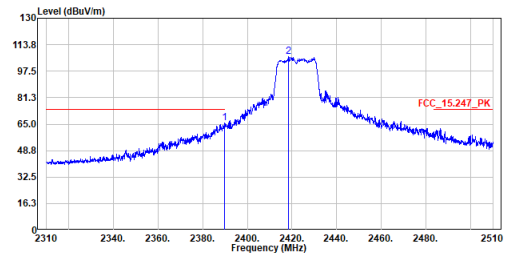
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2422MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 2390.000         | 44.49           | 54.00           | -9.51               | 32.58                 | 11.91        | Average |
| 2   | 2425.800         | 95.33           | -----           | -----               | 83.23                 | 12.10        | 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.

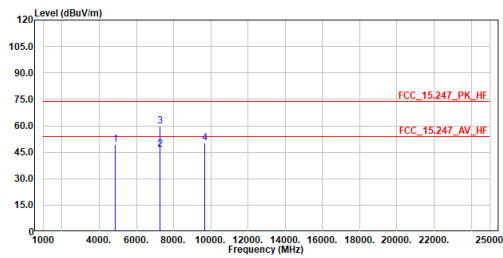
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2422MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|--------|
| 1   | 2389.900         | 65.52           | 74.00           | -8.48               | 53.61                 | 11.91        | Peak   |
| 2   | 2418.400         | 106.69          | -----           | -----               | 94.62                 | 12.07        | 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.

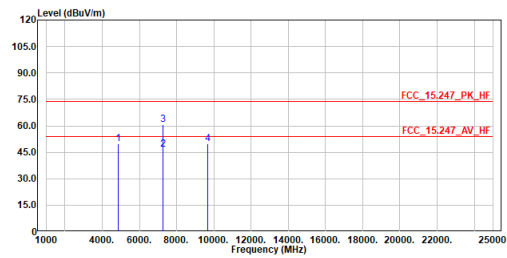
Site :HC-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2422MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 4844.000         | 49.18           | 74.00           | -24.82              | 63.78                 | -14.60       | Peak    |
| 2   | 7266.000         | 46.46           | 54.00           | -7.54               | 54.44                 | -7.98        | Average |
| 3   | 7266.000         | 59.94           | 74.00           | -14.06              | 67.92                 | -7.98        | Peak    |
| 4   | 9688.000         | 50.11           | 74.00           | -23.89              | 54.61                 | -4.50        | 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.

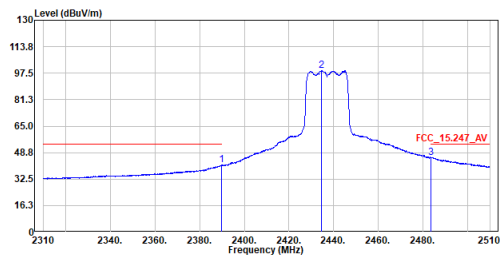
Site :HC-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2422MHz  
 Test By :Gary



| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 4844.000         | 49.79           | 74.00           | -24.21              | 64.39                 | -14.60       | Peak    |
| 2   | 7266.000         | 46.59           | 54.00           | -7.41               | 54.57                 | -7.98        | Average |
| 3   | 7266.000         | 60.63           | 74.00           | -13.37              | 68.61                 | -7.98        | Peak    |
| 4   | 9688.000         | 49.88           | 74.00           | -24.12              | 54.38                 | -4.50        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2437MHz  
 Test By :Gary

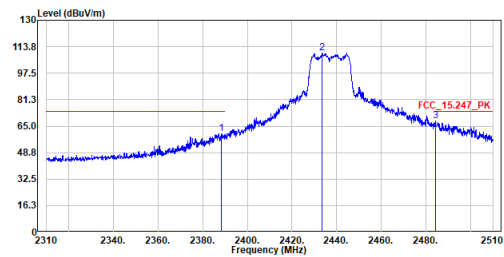


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2389.800         | 41.01           | 54.00                   | -12.99              | 29.10                 | 11.91        | Average |
| 2   | 2434.700         | 99.05           | -----                   | -----               | 86.90                 | 12.15        | Average |
| 3   | 2483.600         | 45.79           | 54.00                   | -8.21               | 33.39                 | 12.40        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2437MHz  
 Test By :Gary

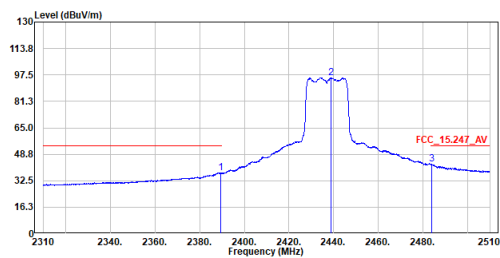


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2388.300         | 60.32           | 74.00                   | -13.68              | 48.42                 | 11.90        | Peak   |
| 2   | 2433.500         | 118.09          | -----                   | -----               | 97.94                 | 12.15        | Peak   |
| 3   | 2484.300         | 67.95           | 74.00                   | -6.05               | 55.54                 | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2437MHz  
 Test By :Gary

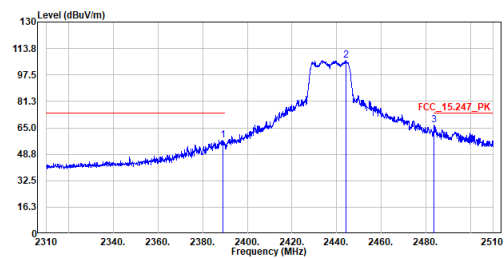


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2389.500         | 37.52           | 54.00                   | -16.48              | 25.61                 | 11.91        | Average |
| 2   | 2438.700         | 95.83           | -----                   | -----               | 83.66                 | 12.17        | Average |
| 3   | 2483.800         | 42.56           | 54.00                   | -11.44              | 30.15                 | 12.41        | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2437MHz  
 Test By :Gary

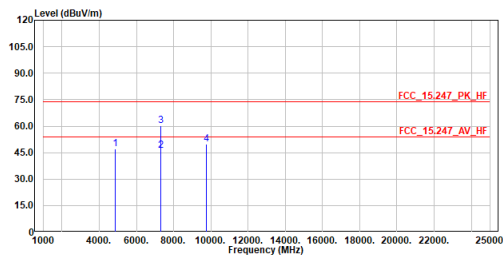


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2388.900         | 57.62           | 74.00                   | -16.38              | 45.71                 | 11.91        | Peak   |
| 2   | 2444.300         | 106.68          | -----                   | -----               | 94.48                 | 12.20        | Peak   |
| 3   | 2483.700         | 66.56           | 74.00                   | -7.44               | 54.15                 | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2437MHz  
 Test By :Gary

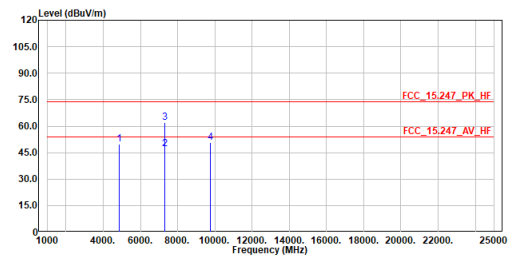


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 4874.000         | 46.87           | 74.00                   | -27.13              | 61.35                 | -14.48       | Peak    |
| 2   | 7311.000         | 46.38           | 54.00                   | -7.62               | 54.32                 | -7.94        | Average |
| 3   | 7311.000         | 60.29           | 74.00                   | -13.71              | 68.23                 | -7.94        | Peak    |
| 4   | 9748.000         | 49.64           | 74.00                   | -24.36              | 54.02                 | -4.38        | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2437MHz  
 Test By :Gary

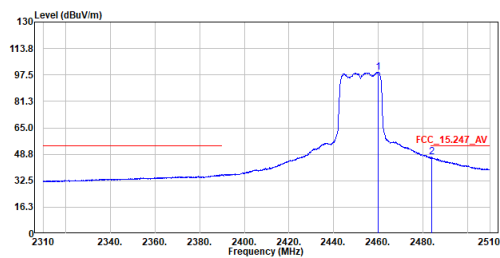


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 4874.000         | 49.88           | 74.00                   | -24.12              | 64.36                 | -14.48       | Peak    |
| 2   | 7311.000         | 47.26           | 54.00                   | -6.74               | 55.20                 | -7.94        | Average |
| 3   | 7311.000         | 61.93           | 74.00                   | -12.07              | 69.87                 | -7.94        | Peak    |
| 4   | 9748.000         | 50.59           | 74.00                   | -23.41              | 54.97                 | -4.38        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2452MHz  
 Test By :Gary

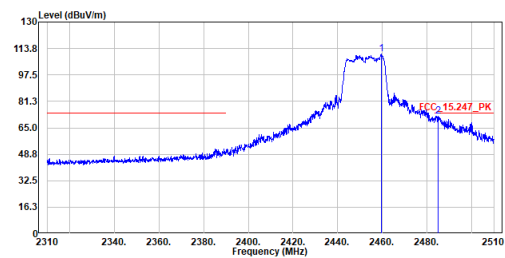


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|---------|
| 1   | 2460.100         | 99.31           | -----                   | -----               | 87.03                 | 12.28        | Average |
| 2   | 2483.900         | 47.06           | 54.00                   | -6.94               | 34.65                 | 12.41        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2452MHz  
 Test By :Gary

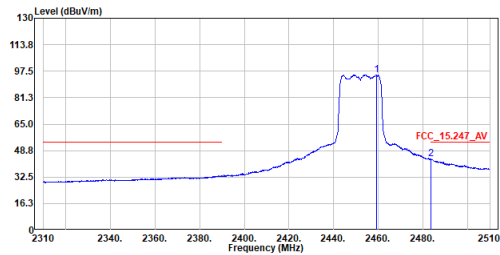


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>Line<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-------------------------|---------------------|-----------------------|--------------|--------|
| 1   | 2459.600         | 110.34          | -----                   | -----               | 98.07                 | 12.27        | Peak   |
| 2   | 2485.000         | 72.07           | 74.00                   | -1.93               | 59.66                 | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2452MHz  
 Test By :Gary

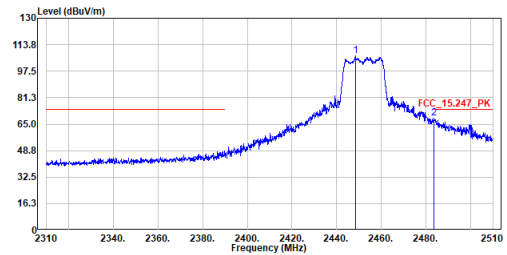


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 2459.100         | 95.37           | -----           | -----               | 83.10                 | 12.27        | Average |
| 2   | 2483.700         | 43.56           | 54.00           | -10.44              | 31.15                 | 12.41        | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2452MHz  
 Test By :Gary

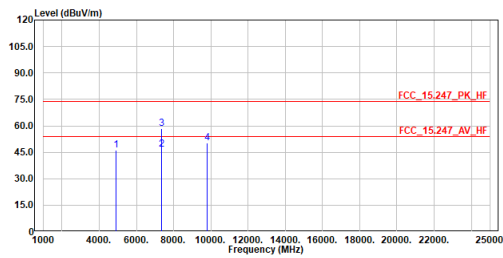


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|--------|
| 1   | 2448.500         | 106.74          | -----           | -----               | 94.52                 | 12.22        | Peak   |
| 2   | 2483.600         | 68.52           | 74.00           | -5.48               | 56.12                 | 12.40        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2452MHz  
 Test By :Gary

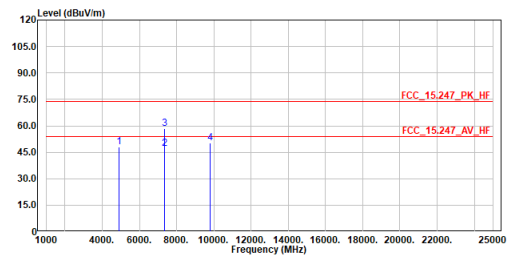


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 4904.000         | 46.11           | 74.00           | -27.89              | 60.47                 | -14.36       | Peak    |
| 2   | 7356.000         | 46.42           | 54.00           | -7.58               | 54.32                 | -7.90        | Average |
| 3   | 7356.000         | 58.35           | 74.00           | -15.65              | 66.25                 | -7.90        | Peak    |
| 4   | 9808.000         | 50.25           | 74.00           | -23.75              | 54.51                 | -4.26        | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2452MHz  
 Test By :Gary

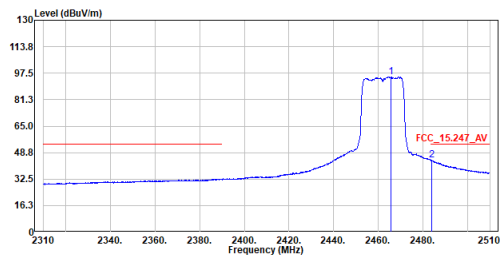


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 4904.000         | 47.83           | 74.00           | -26.17              | 62.19                 | -14.36       | Peak    |
| 2   | 7356.000         | 46.99           | 54.00           | -7.01               | 54.89                 | -7.90        | Average |
| 3   | 7356.000         | 58.60           | 74.00           | -15.40              | 66.50                 | -7.90        | Peak    |
| 4   | 9808.000         | 50.42           | 74.00           | -23.58              | 54.68                 | -4.26        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2462MHz  
 Test By :Gary

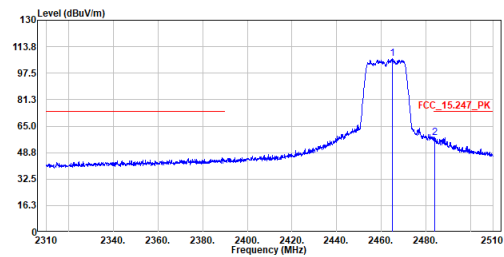


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 2465.700         | 95.18           | -----           | -----               | 82.87                 | 12.31        | Average |
| 2   | 2483.800         | 44.16           | 54.00           | -9.84               | 31.75                 | 12.41        | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2462MHz  
 Test By :Gary

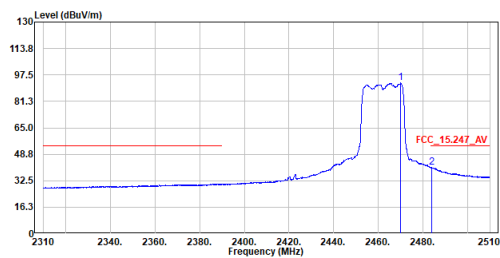


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|--------|
| 1   | 2465.100         | 106.25          | -----           | -----               | 93.94                 | 12.31        | Peak   |
| 2   | 2483.800         | 57.82           | 74.00           | -16.18              | 45.41                 | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2462MHz  
 Test By :Gary

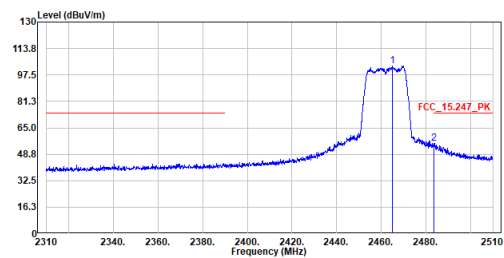


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark  |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|---------|
| 1   | 2470.000         | 92.54           | -----           | -----               | 80.20                 | 12.34        | Average |
| 2   | 2483.800         | 40.74           | 54.00           | -13.26              | 28.33                 | 12.41        | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2462MHz  
 Test By :Gary

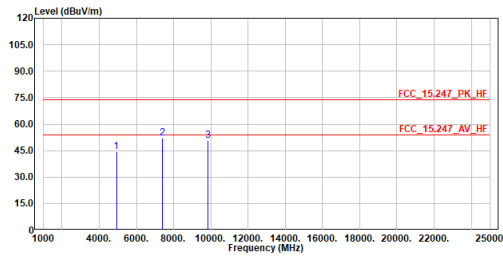


| No. | Frequency<br>MHz | Level<br>dBuV/m | Limit<br>dBuV/m | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | Factor<br>dB | Remark |
|-----|------------------|-----------------|-----------------|---------------------|-----------------------|--------------|--------|
| 1   | 2465.100         | 103.19          | -----           | -----               | 90.88                 | 12.31        | Peak   |
| 2   | 2483.700         | 55.46           | 74.00           | -18.54              | 43.05                 | 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-CB02  
 Condition :3m Horizontal  
 Mode :n20\_TX\_2462MHz  
 Test By :Gary

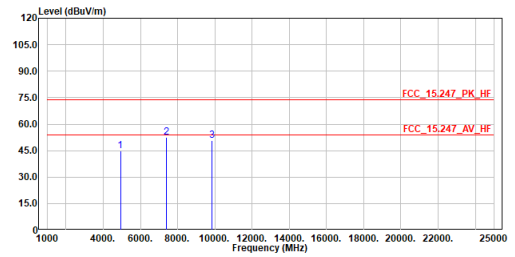


| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 4924.000  | 44.32  | 74.00  | -29.68 | 58.60 | -14.28 | Peak   |
| 2   | 7386.000  | 51.93  | 74.00  | -22.07 | 59.80 | -7.87  | Peak   |
| 3   | 9848.000  | 50.53  | 74.00  | -23.47 | 54.71 | -4.18  | 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-CB02  
 Condition :3m Vertical  
 Mode :n20\_TX\_2462MHz  
 Test By :Gary



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 4924.000  | 44.92  | 74.00  | -29.08 | 59.20 | -14.28 | Peak   |
| 2   | 7386.000  | 52.71  | 74.00  | -21.29 | 60.58 | -7.87  | Peak   |
| 3   | 9848.000  | 50.71  | 74.00  | -23.29 | 54.89 | -4.18  | Peak   |

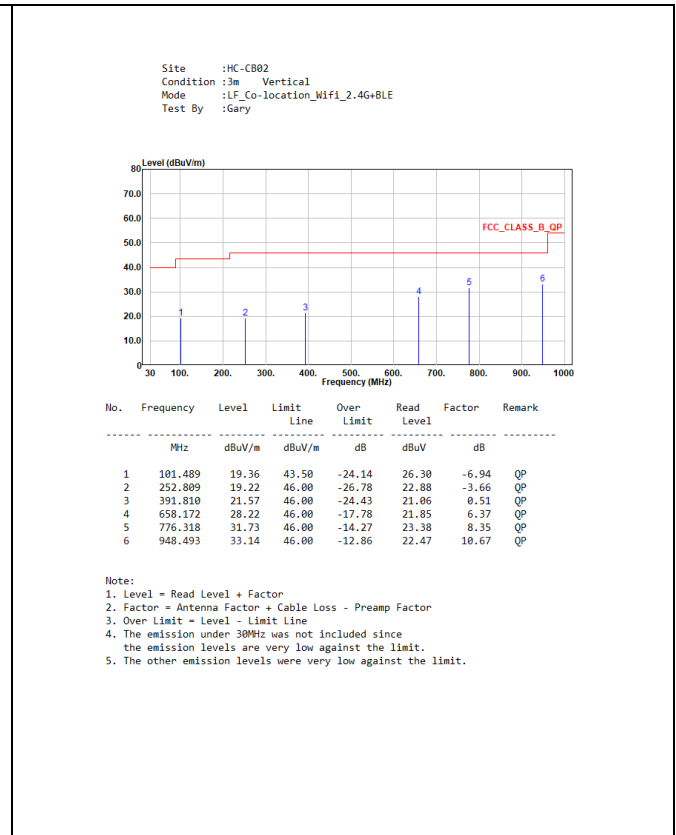
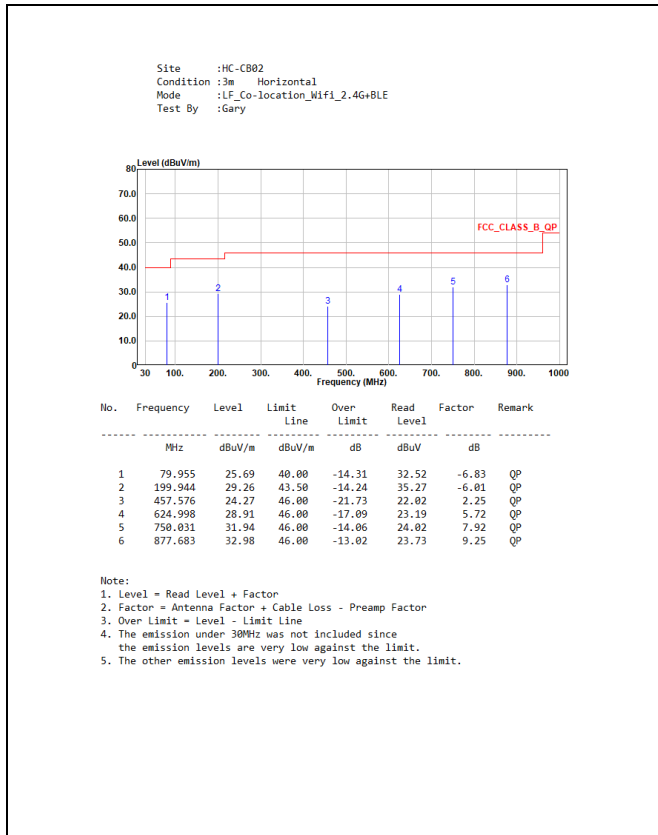
Note:

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.

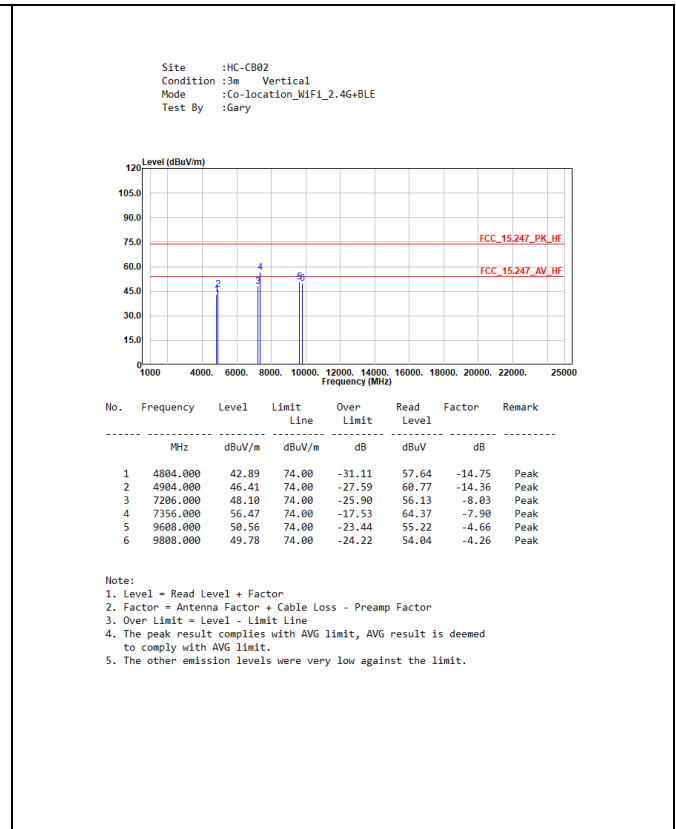
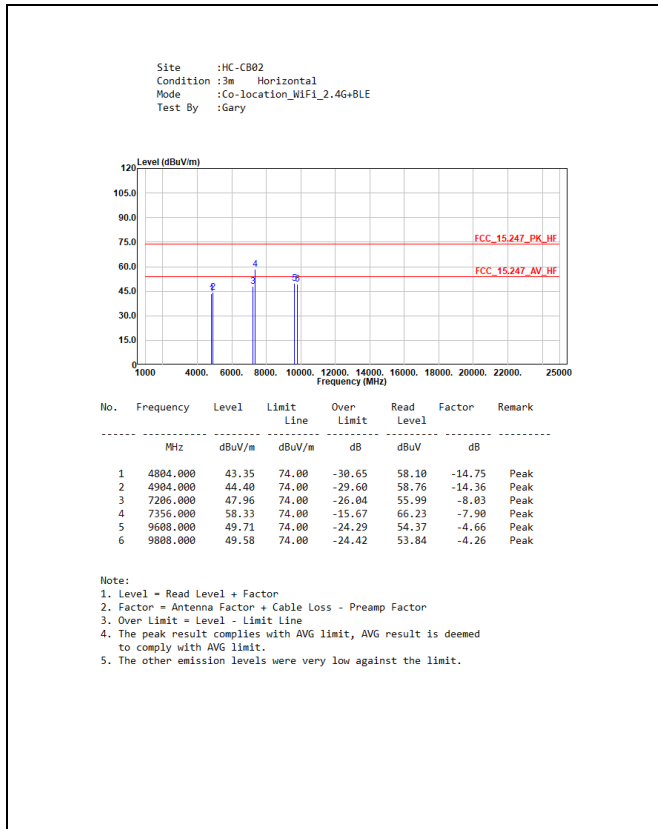


## Appendix D. Test Result of Radiated Emissions Co-location

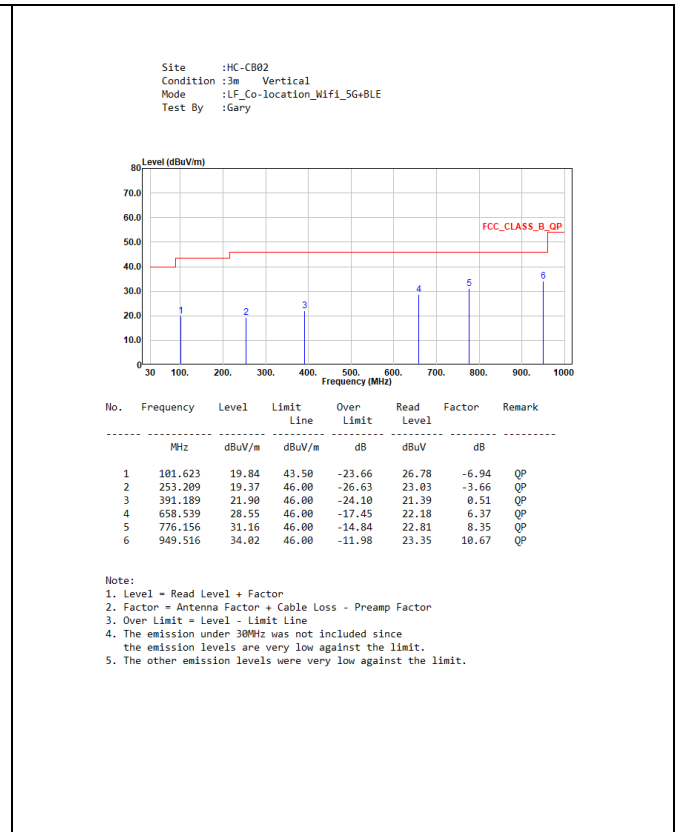
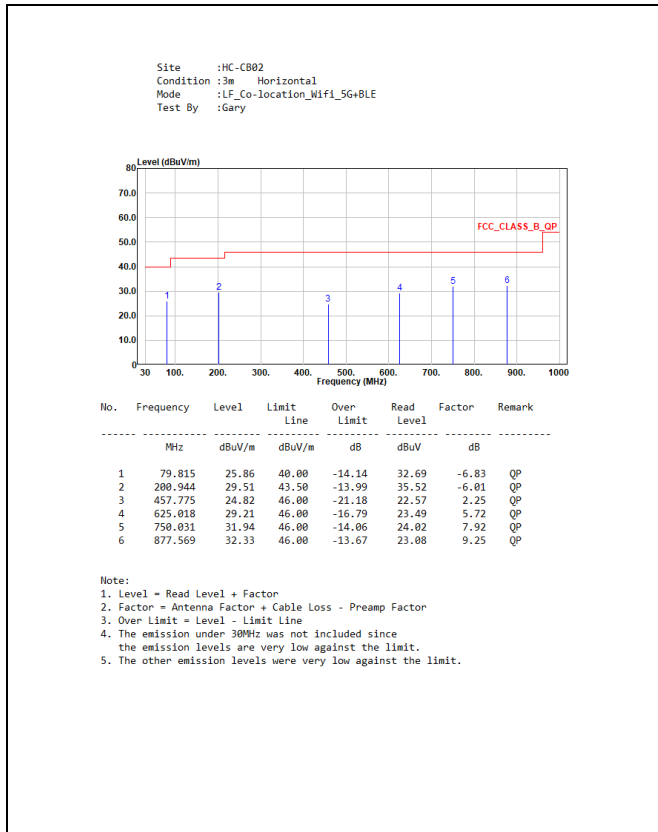
### 1. WiFi 2.4 GHz + Bluetooth 30 MHz ~ 1 GHz:



### Above 1 GHz:



## 2. WiFi 5 GHz + Bluetooth 30 MHz ~ 1 GHz:



## Above 1 GHz:

