



Test Report No:  
2350790R-RFUSV03S-A

## TEST REPORT

### FCC Rules&Regulations

|                                 |   |
|---------------------------------|---|
| Product Name                    | VX3 HD Outdoor Camera   |
| Brand Name                      | resideo   |
| Model No.                       | CAMWE-WO  |
| FCC ID                          | CFS8DLCAMWEWO1  |
| Applicant's Name / Address      | Ademco Inc.<br>2 Corporate Center Drive, Suite 100, Melville, New York<br>11747, United States                                  |
| Manufacturer's Name / Address   | XAVi Technologies Corporation<br>22 F., No. 69, Sec. 2, Guangfu Rd., Sanchong Dist., New<br>Taipei City 241561, Taiwan (R.O.C.) |
| Test Method Requested, Standard | FCC CFR Title 47 Part 15 Subpart E Section 15.407<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                 | May 29, 2023  |
| Date of Issue                   | Aug. 31, 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.

**IMPORTANT:** No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

## 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

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| Version | Description             | Issued Date   |
|---------|-------------------------|---------------|
| V1.0    | Initial issue of report | Aug. 31, 2023 |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |
|         |                         |               |

## Summary of Test Result

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

### Comments and Explanations

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

## Comments and Remarks

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

## 1. General Information

### 1.1. EUT Description

|                                      |                                    |  |
|--------------------------------------|------------------------------------|--|
| Frequency Range                      | 5180 ~ 5250 MHz<br>5725 ~ 5850 MHz |  |
| Operating Frequency / Channel Number | IEEE 802.11a                       | 5180 ~ 5240 MHz / 4 Channels                                 |
|                                      | IEEE 802.11n/ac (20 MHz)           | 5745 ~ 5825 MHz / 5 Channels                                 |
|                                      | IEEE 802.11n/ac (40 MHz)           | 5190 ~ 5230 MHz / 2 Channels<br>5755 ~ 5795 MHz / 2 Channels |
|                                      | IEEE 802.11ac (80 MHz)             | 5210 MHz / 1 Channel<br>5775 MHz / 1 Channel                 |
| Type of Modulation                   | IEEE 802.11a/n                     | OFDM-BPSK, QPSK, 16QAM, 64QAM                                |
|                                      | IEEE 802.11ac                      | OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM                        |

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

| Antenna Information |            |              |          |                    |         |                            |         |                        |         |
|---------------------|------------|--------------|----------|--------------------|---------|----------------------------|---------|------------------------|---------|
| Ant.                | Brand Name | Model No.    | Type     | Antenna Gain (dBi) |         | Maximum Antenna Gain (dBi) |         | Directional Gain (dBi) |         |
|                     |            |              |          | U-NII-1            | U-NII-3 | U-NII-1                    | U-NII-3 | U-NII-1                | U-NII-3 |
| 0                   | LYNwave    | ALX18M052AA3 | Embedded | 2.900              | 4.000   | 2.900                      | 4.000   | 5.860                  | 6.572   |
| 1                   | Xavi       | LED ante     | PCB      | 2.800              | 3.100   |                            |         |                        |         |

Directional Gain =  $10 \log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{Ant}]$

#### For IEEE 802.11a: (1TX/1RX)

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

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

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

### 1.2. EUT Information

|                      |                                     |                               |                                     |                     |
|----------------------|-------------------------------------|-------------------------------|-------------------------------------|---------------------|
| EUT Power Type       | From Adapter / PoE                  |                               |                                     |                     |
| EUT Function         | <input checked="" type="checkbox"/> | Point-to-multipoint (Outdoor) | <input type="checkbox"/>            | Point-to-point      |
| Beamforming Function | <input type="checkbox"/>            | With beamforming              | <input checked="" type="checkbox"/> | Without beamforming |

### 1.3. Applicable 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
- ◆ KDB 789033 D02 v02r01

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

- ◆ KDB 662911 D01 v02r01
- ◆ KDB 412172 D01 v01r01
- ◆ KDB 414788 D01 v01r01

### 1.4. Testing Location Information

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

| Test Condition         | Test Site No. | Test Engineer             | Test Environment (°C / %) | Test Date             |
|------------------------|---------------|---------------------------|---------------------------|-----------------------|
| AC Conduction Emission | HC-SR02       | Igor Tseng                | 23 / 58                   | 2023/06/08            |
| RF Conducted Emission  | HC-SR12       | Clemens Fang              | 22 / 65                   | 2023/06/08            |
| Radiated Emission      | HC-CB04       | Cyril Yang<br>Scott Chang | 21.5 ~ 22 / 59~64         | 2023/06/06~2023/06/09 |



## 1.5. Measurement Uncertainty

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

| Test Item                        | Uncertainty                                    |
|----------------------------------|--|
| AC Power Line Conducted Emission | ± 2.34 dB                                      |
| Emission Bandwidth               | ± 636.54 Hz                                    |
| Maximum Conducted Output Power   | ± 1.16 dB                                      |
| Maximum Power Spectral Density   | ± 2.47 dB                                      |
| Radiated Emission                | ± 3.52 dB below 1 GHz<br>± 3.56 dB above 1 GHz |
| Radiated Emission Band Edge      | ± 3.56 dB                                      |

## 1.6. List of Test Equipment

### HC-SR02

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

### HC-SR12

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

### HC-CB04

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

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

## 2. Test Configuration of EUT

### 2.1. Test Condition

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

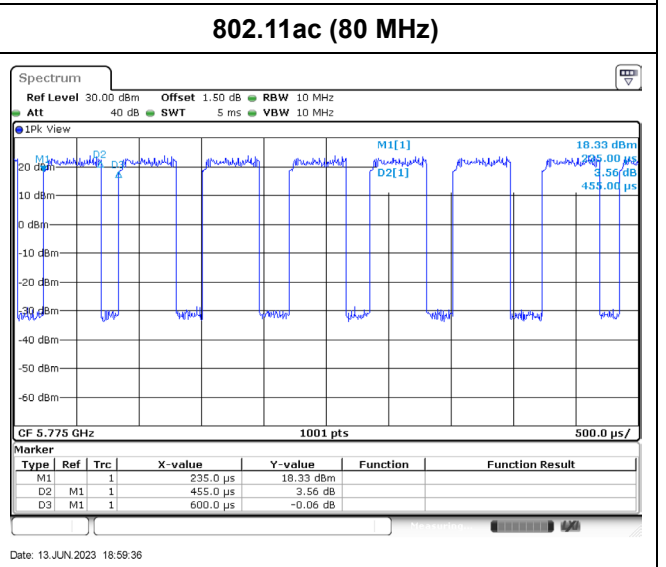
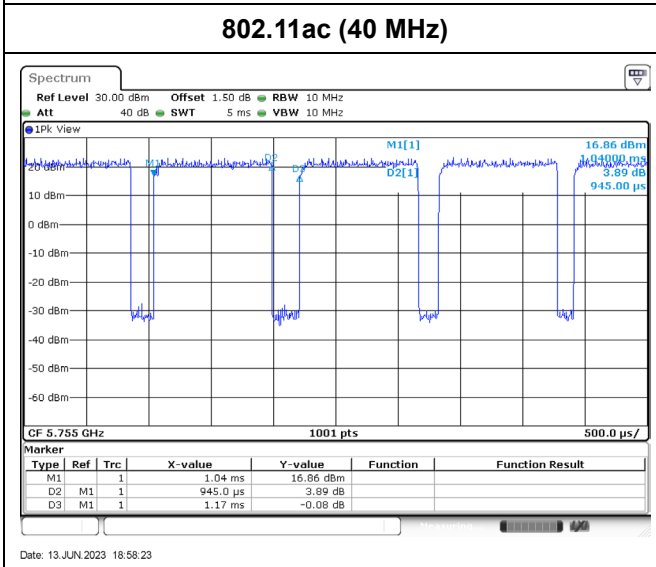
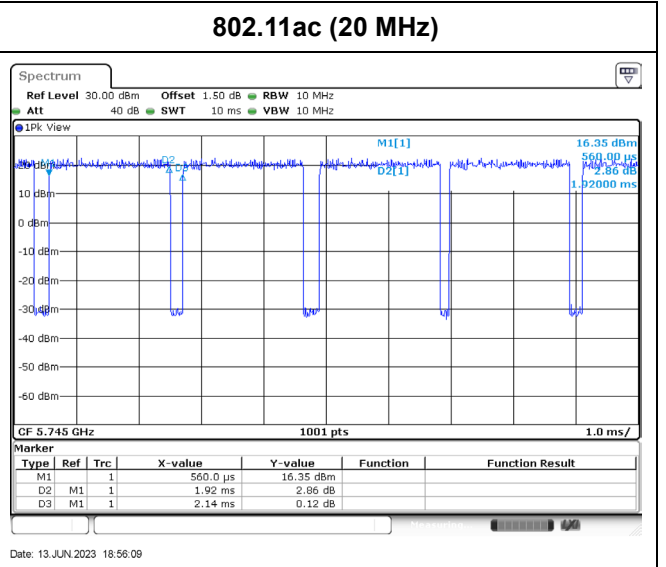
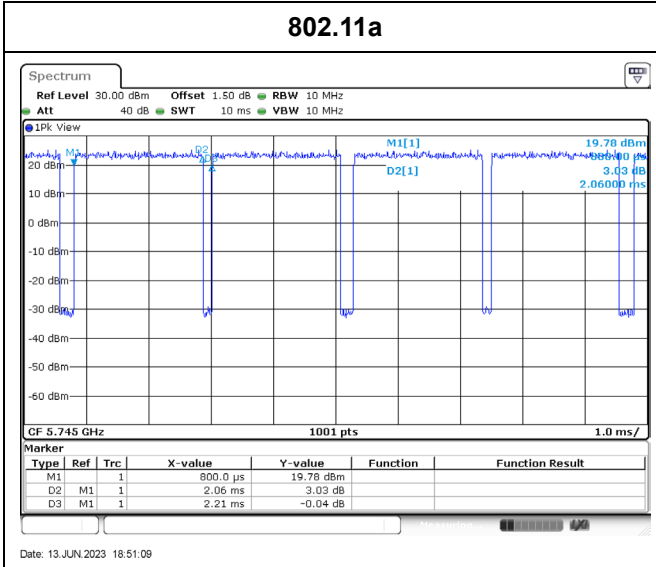
### 2.2. Test Channel Mode

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

| Modulation        | Frequency (MHz) | Power Setting |
|-------------------|-----------------|---------------|
| 802.11a           | 5180            | 92            |
|                   | 5220            | 87            |
|                   | 5240            | 87            |
|                   | 5745            | 87 / 90       |
|                   | 5785            | 89 / 93       |
|                   | 5825            | 95 / 99       |
| 802.11ac (20 MHz) | 5180            | 85 / 87       |
|                   | 5220            | 87 / 88       |
|                   | 5240            | 89 / 90       |
|                   | 5745            | 82 / 85       |
|                   | 5785            | 89 / 93       |
|                   | 5825            | 97 / 101      |
| 802.11ac (40 MHz) | 5190            | 86 / 88       |
|                   | 5230            | 93 / 94       |
|                   | 5775            | 99 / 102      |
|                   | 5795            | 105 / 109     |
| 802.11ac (80 MHz) | 5210            | 78 / 79       |
|                   | 5775            | 103 / 106     |

### 2.3. Duty Cycle

| Modulation        | On Time (ms) | On+Off Time (ms) | Duty Cycle (%) | Duty Factor (dB) | 1/T Minimum VBW (kHz) |
|-------------------|--------------|------------------|----------------|------------------|-----------------------|
| 802.11a           | 2.060        | 2.210            | 93.21          | 0.305            | 0.485                 |
| 802.11ac (20 MHz) | 1.920        | 2.140            | 89.72          | 0.471            | 0.521                 |
| 802.11ac (40 MHz) | 0.945        | 1.170            | 80.77          | 0.928            | 1.058                 |
| 802.11ac (80 MHz) | 0.455        | 0.600            | 75.83          | 1.201            | 2.198                 |



## 2.4. The Worst Case Measurement Configuration

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

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

|                       |   |
|-----------------------|---|
| Tests Item            | Transmitter Radiated Spurious Emission  |
| Test Condition        | Radiated measurement<br>If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type. |
| Operating Mode < 1GHz | Transmit  |
| 1                     | EUT + Adapter   |
| 2                     | EUT + PoE   |
| Operating Mode > 1GHz | Transmit  |

The EUT was performed at X axis, Y axis and Z axis position for transmitter radiated spurious emission test. The worst case was found at X axis, so the measurement will follow this same test configuration.

### Note:

1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated emission below 1 GHz and AC power line conducted emission have performed all modes of operation were investigated and the worst-case emissions are reported.
3. The modulation and bandwidth are similar for 802.11n mode for HT20/HT40 and 802.11ac mode for VHT20/VHT40/VHT80, therefore investigated worst case to representative mode in test report.

## 2.5. Tested System Details

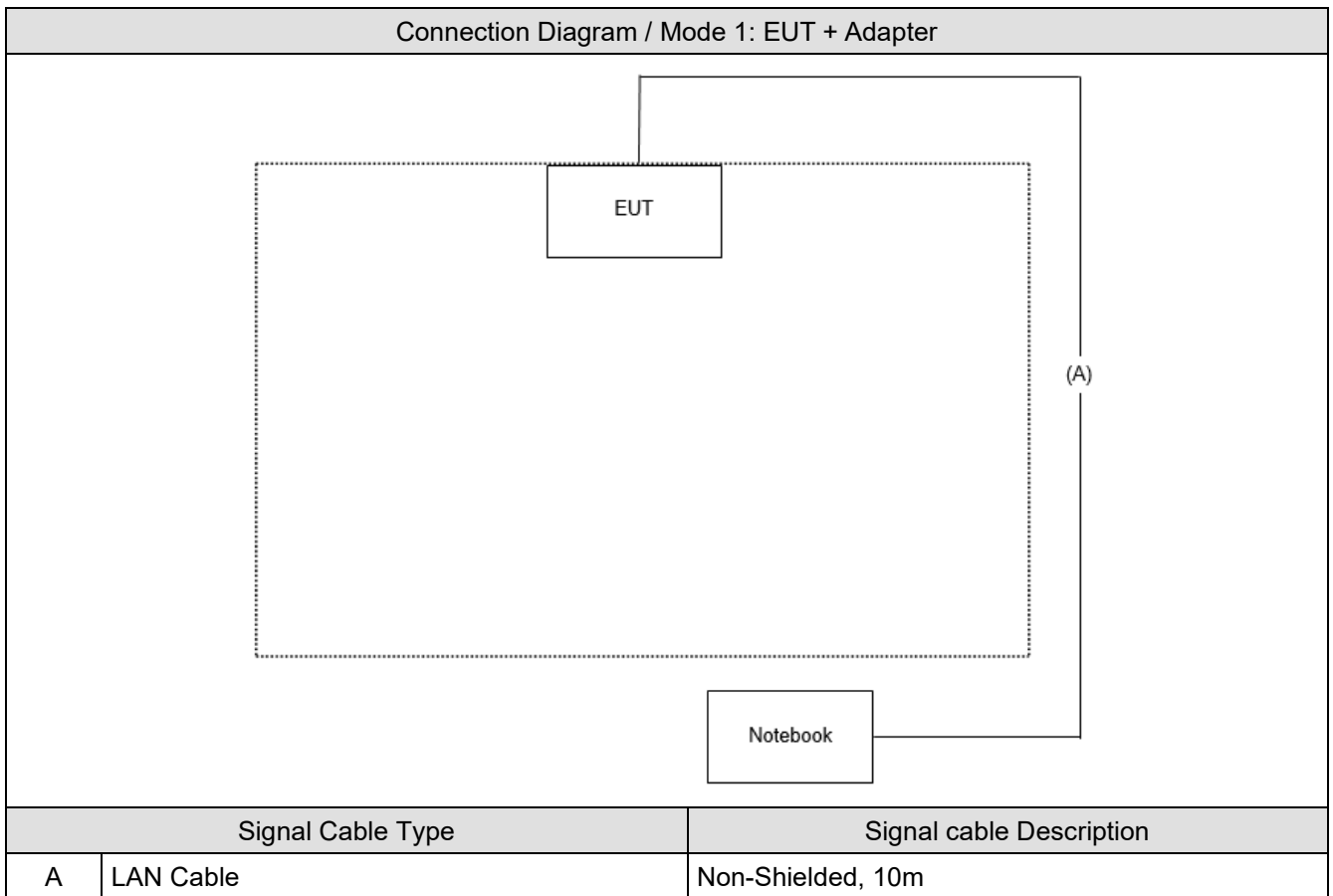
Mode 1: EUT + Adapter

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

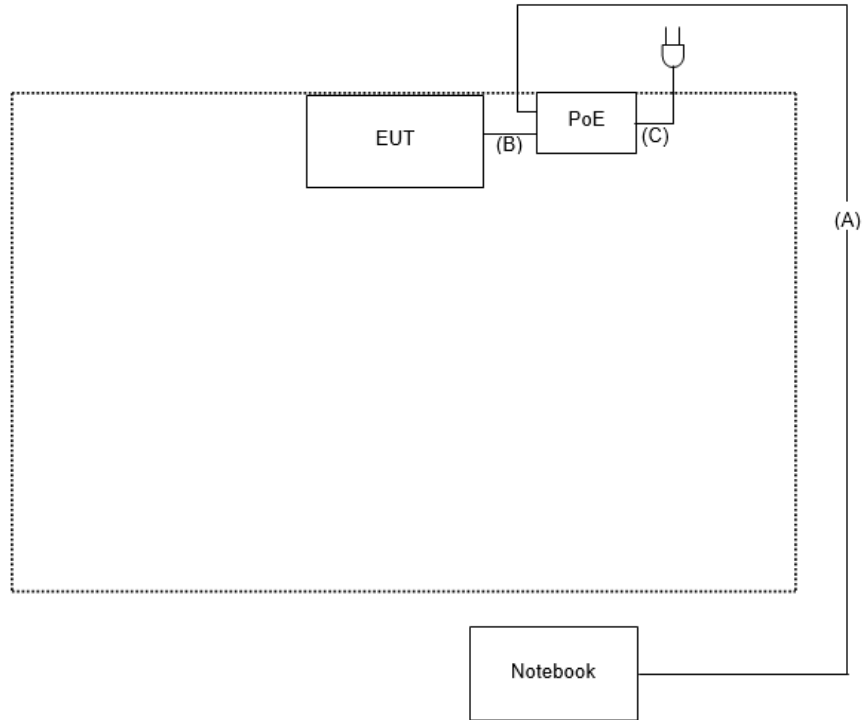
Mode 2: EUT + PoE

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

## 2.6. Configuration of tested System



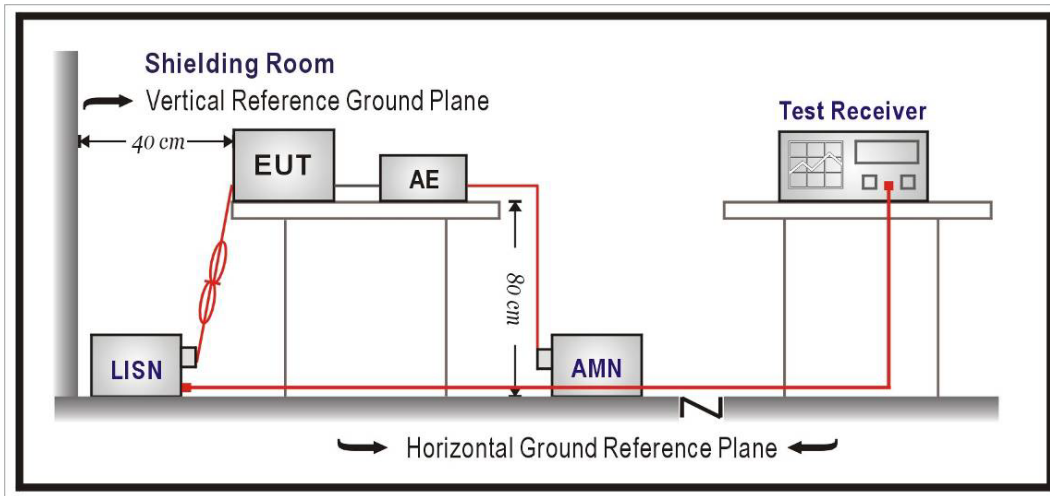
Connection Diagram / Mode 2: EUT + PoE



| Signal Cable Type |             | Signal cable Description |
|-------------------|-------------|--------------------------|
| A                 | LAN Cable   | Non-Shielded, 10m        |
| B                 | LAN Cable   | Non-Shielded, 0.6m       |
| C                 | Power Cable | Non-Shielded, 1.8m       |

### 3. AC Power Line Conducted Emission

#### 3.1. Test Setup



#### 3.2. Test Limit

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

Remark: 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.

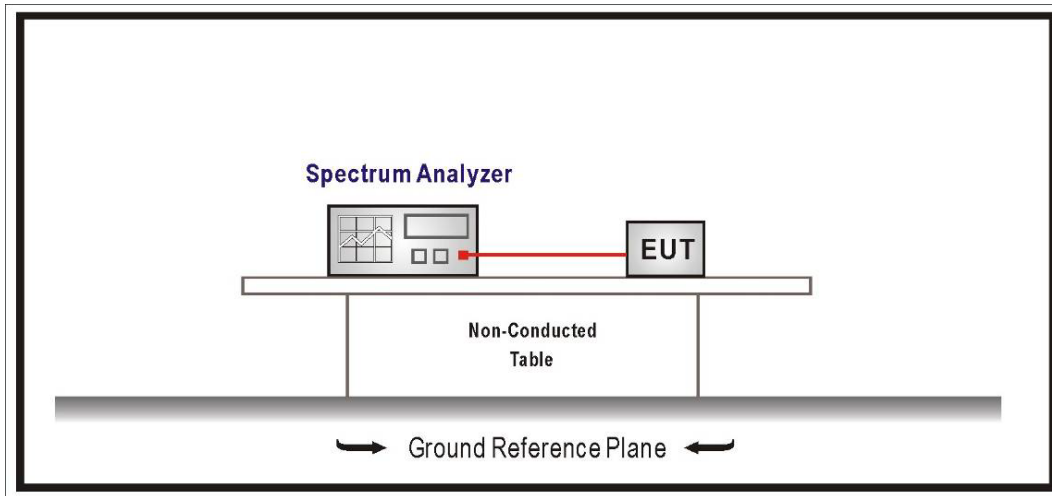
#### 3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A



## 4. Emission Bandwidth

### 4.1. Test Setup



### 4.2. Test Limit

99% & 26dB Bandwidth : No Required

6dB Bandwidth  $\geq$  500kHz

### 4.3. Test Procedure

99% & 26dB Bandwidth :

The EUT was tested according to U-NII test procedure of KDB 789033.

Set RBW 1% of the emission bandwidth, VBW equal to 3 times the RBW.

DTS Bandwidth :

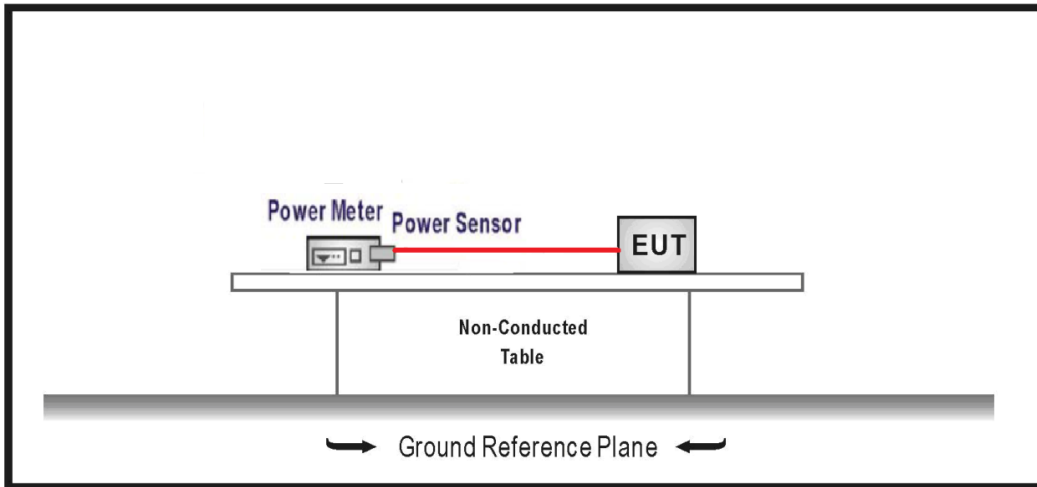
Set RBW = 100kHz, VBW  $\geq$  3xRBW, Sweep time=Auto, Set Peak detector.

### 4.4. Test Result of Emission Bandwidth

Refer as Appendix B

## 5. Maximum Conducted Output Power

### 5.1. Test Setup



### 5.2. Test Limit

1. For an outdoor access point and an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
2. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
3. For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### 5.3. Test Procedure

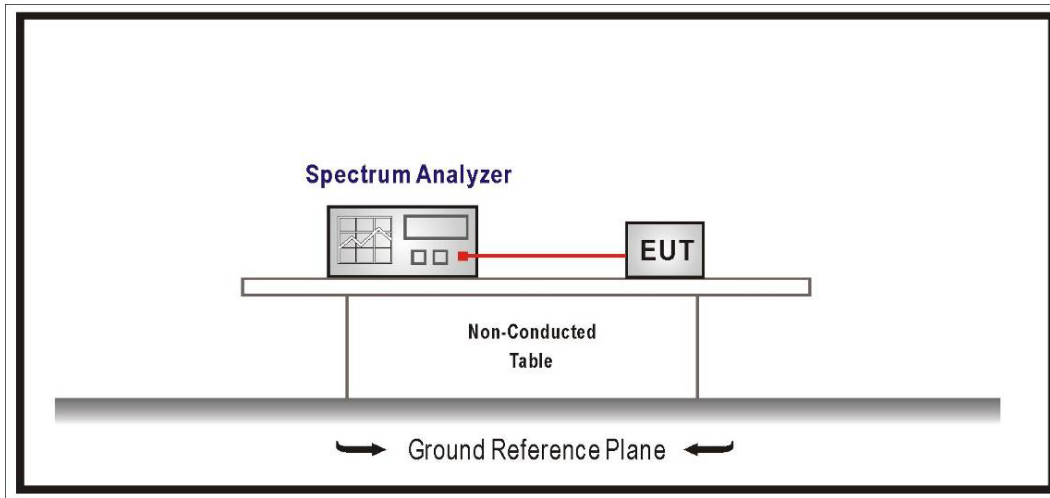
The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of KDB 789033.

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

Refer as Appendix C

## 6. Maximum Power Spectral Density

### 6.1. Test Setup



### 6.2. Test Limit

1. For the band 5.15 ~ 5.25 GHz, the peak power spectral density shall not exceed 17 dBm in any 1 MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For client devices in the 5.15 ~ 5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi
3. For the 5.25 ~ 5.35 GHz ,5470 ~ 5600 MHz and 5650 ~ 5725 MHz, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
4. For the band 5.725 ~ 5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.

### 6.3. Test Procedure

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of KDB 789033.

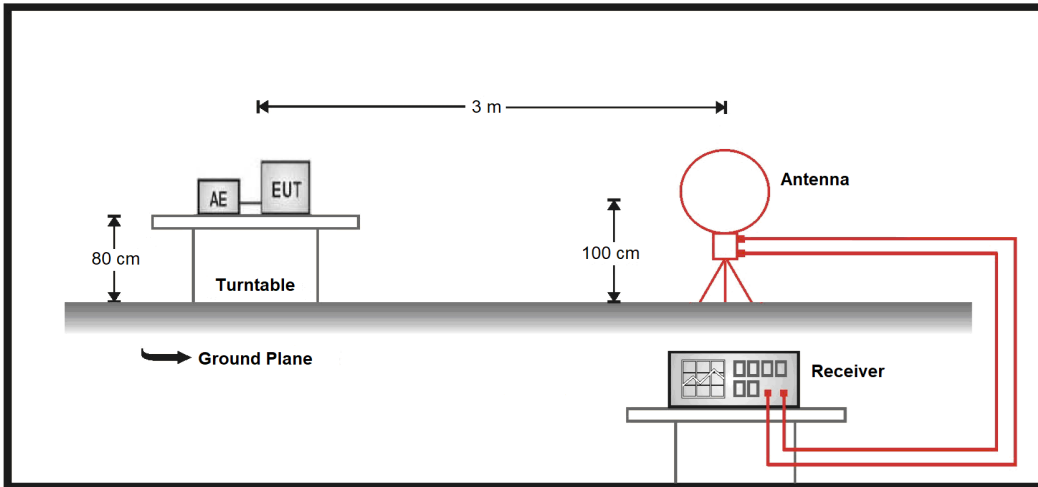
### 6.4. Test Result of Maximum Power Spectral Density

Refer as Appendix D

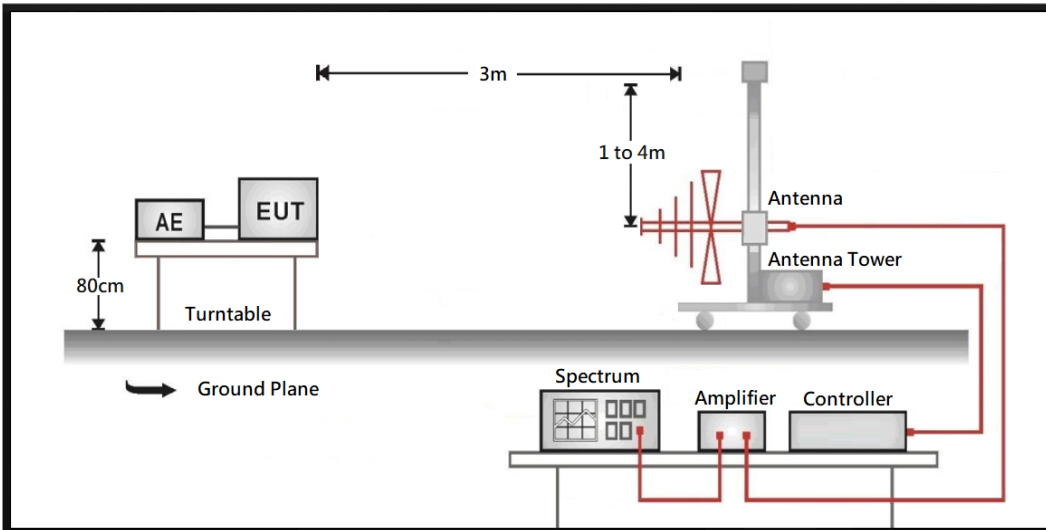
## 7. Transmitter Radiated Spurious Emission

### 7.1. Test Setup

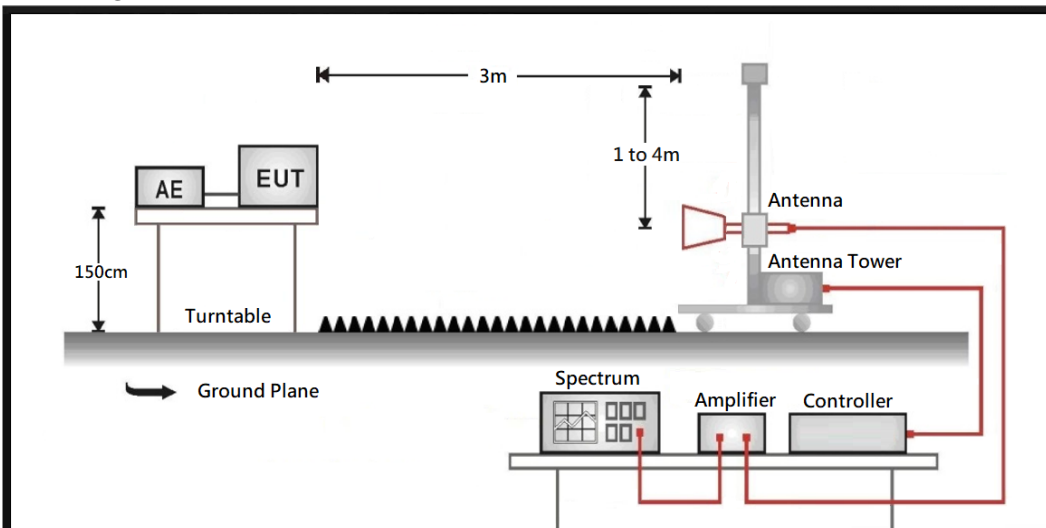
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



## 7.2. 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.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

### Unwanted Emission out of the restricted bands Test Limit

| Frequency (MHz) | EIRP Limit (dBm/MHz) | Equivalent Field Strength (dBuV/m@3m) |
|-----------------|----------------------|---------------------------------------|
| 5150 – 5250     | -27                  | 68.2                                  |
| 5250 – 5350     | -27                  | 68.2                                  |
| 5470 – 5725     | -27                  | 68.2                                  |
| 5725 – 5850     | -27 <sup>*1</sup>    | 68.2 <sup>*1</sup>                    |
|                 | 10 <sup>*2</sup>     | 105.2 <sup>*2</sup>                   |
|                 | 15.6 <sup>*3</sup>   | 110.8 <sup>*3</sup>                   |
|                 | 27 <sup>*4</sup>     | 122.2 <sup>*4</sup>                   |

<sup>\*1</sup> beyond 75 MHz or more above of the band edge.

<sup>\*2</sup> below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

<sup>\*3</sup> below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

<sup>\*4</sup> from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts).}$$

### 7.3. Test Procedure

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 EUT was positioned such that the distance from antenna to the EUT was 3 meters.

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.

The additional latch filter below 1 GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

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

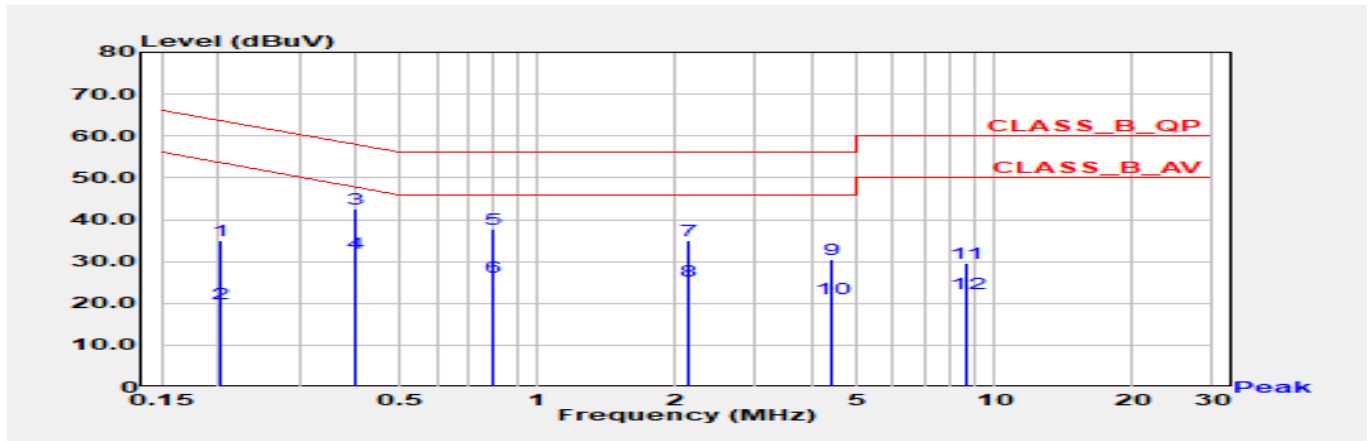
The frequency range from 9 kHz to 10th harmonics and included The frequency range from the lowest oscillator frequency generated within the device up to the 10th harmonic was checked is checked.

### 7.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix E

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

|                |                             |       |      |
|----------------|-----------------------------|-------|------|
| Test Mode      | Mode 1: EUT + Adapter       | Phase | Line |
| Test Condition | 802.11a / Ant. 1 / 5785 MHz |       |      |

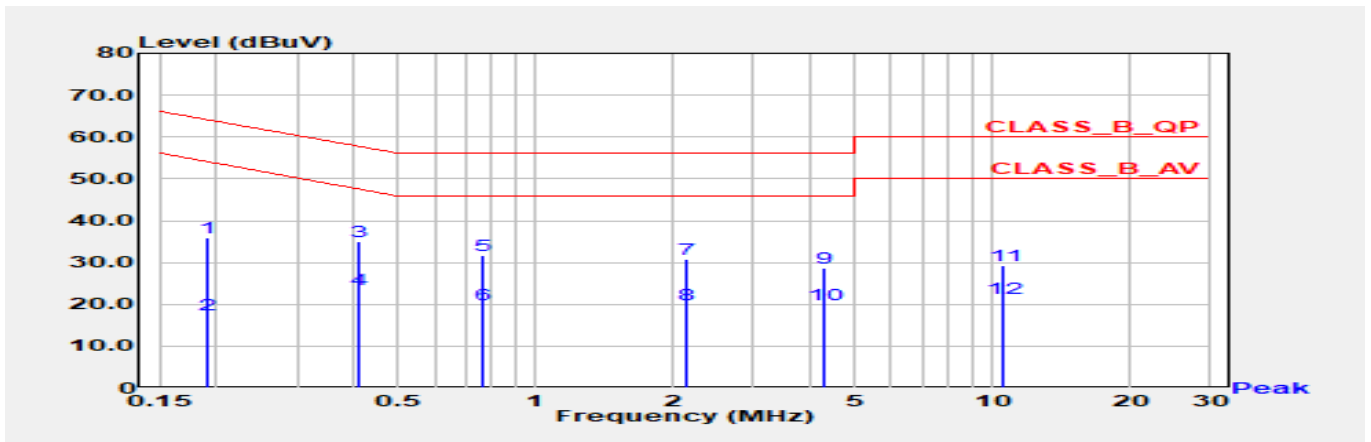


| No | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|----|-----------------|-----------------------|--------------|-------------|----------------------|---------------------|---------------|
| 1  | 0.202           | 35.16                 | 63.54        | -28.37      | 25.29                | 9.87                | QP            |
| 2  | 0.202           | 19.88                 | 53.54        | -33.66      | 10.00                | 9.87                | AV            |
| *3 | 0.397           | 42.46                 | 57.91        | -15.45      | 32.58                | 9.88                | QP            |
| *4 | 0.397           | 31.91                 | 47.91        | -16.00      | 22.03                | 9.88                | AV            |
| 5  | 0.802           | 37.61                 | 56.00        | -18.39      | 27.70                | 9.91                | QP            |
| 6  | 0.802           | 26.18                 | 46.00        | -19.82      | 16.27                | 9.91                | AV            |
| 7  | 2.128           | 34.91                 | 56.00        | -21.09      | 24.92                | 9.99                | QP            |
| 8  | 2.128           | 25.49                 | 46.00        | -20.51      | 15.50                | 9.99                | AV            |
| 9  | 4.375           | 30.45                 | 56.00        | -25.55      | 20.36                | 10.09               | QP            |
| 10 | 4.375           | 21.17                 | 46.00        | -24.83      | 11.08                | 10.09               | AV            |
| 11 | 8.689           | 29.69                 | 60.00        | -30.31      | 19.47                | 10.22               | QP            |
| 12 | 8.689           | 22.49                 | 50.00        | -27.51      | 12.27                | 10.22               | AV            |

Note:

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

|                |                             |       |         |
|----------------|-----------------------------|-------|---------|
| Test Mode      | Mode 1: EUT + Adapter       | Phase | Neutral |
| Test Condition | 802.11a / Ant. 1 / 5785 MHz |       |         |



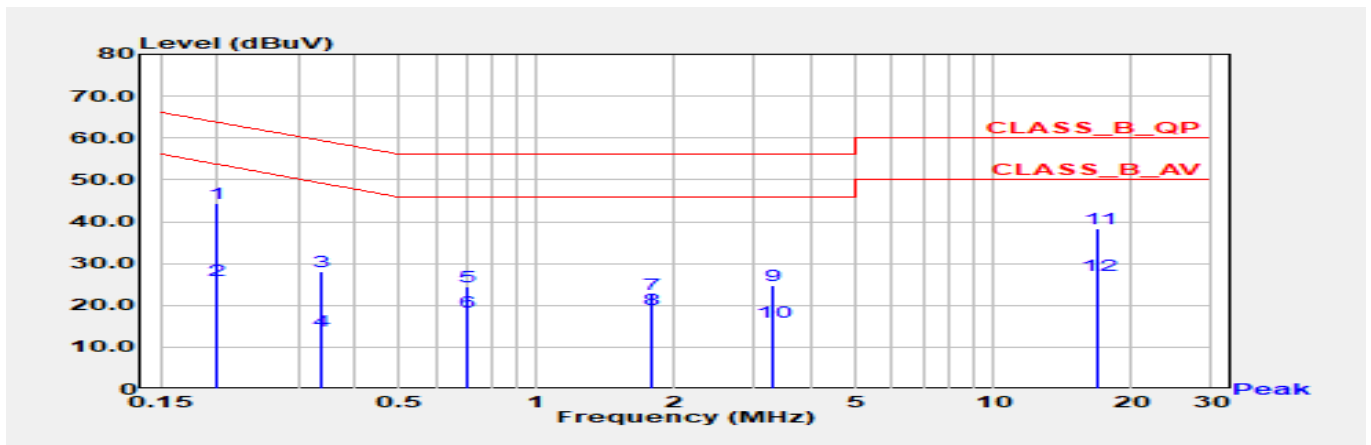
| No | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|----|-----------------|-----------------------|--------------|-------------|----------------------|---------------------|---------------|
| 1  | 0.190           | 35.96                 | 64.01        | -28.05      | 26.12                | 9.84                | QP            |
| 2  | 0.190           | 17.43                 | 54.01        | -36.59      | 7.58                 | 9.84                | AV            |
| *3 | 0.411           | 34.92                 | 57.63        | -22.71      | 25.04                | 9.87                | QP            |
| *4 | 0.411           | 23.66                 | 47.63        | -23.97      | 13.79                | 9.87                | AV            |
| 5  | 0.769           | 31.72                 | 56.00        | -24.28      | 21.82                | 9.90                | QP            |
| 6  | 0.769           | 19.85                 | 46.00        | -26.15      | 9.95                 | 9.90                | AV            |
| 7  | 2.128           | 30.65                 | 56.00        | -25.35      | 20.67                | 9.97                | QP            |
| 8  | 2.128           | 19.90                 | 46.00        | -26.10      | 9.93                 | 9.97                | AV            |
| 9  | 4.252           | 28.82                 | 56.00        | -27.18      | 18.76                | 10.05               | QP            |
| 10 | 4.252           | 20.00                 | 46.00        | -26.00      | 9.95                 | 10.05               | AV            |
| 11 | 10.583          | 29.39                 | 60.00        | -30.61      | 19.17                | 10.22               | QP            |
| 12 | 10.583          | 21.50                 | 50.00        | -28.50      | 11.28                | 10.22               | AV            |

Note:

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



|                |                             |       |      |
|----------------|-----------------------------|-------|------|
| Test Mode      | Mode 2: EUT + PoE           | Phase | Line |
| Test Condition | 802.11a / Ant. 1 / 5785 MHz |       |      |

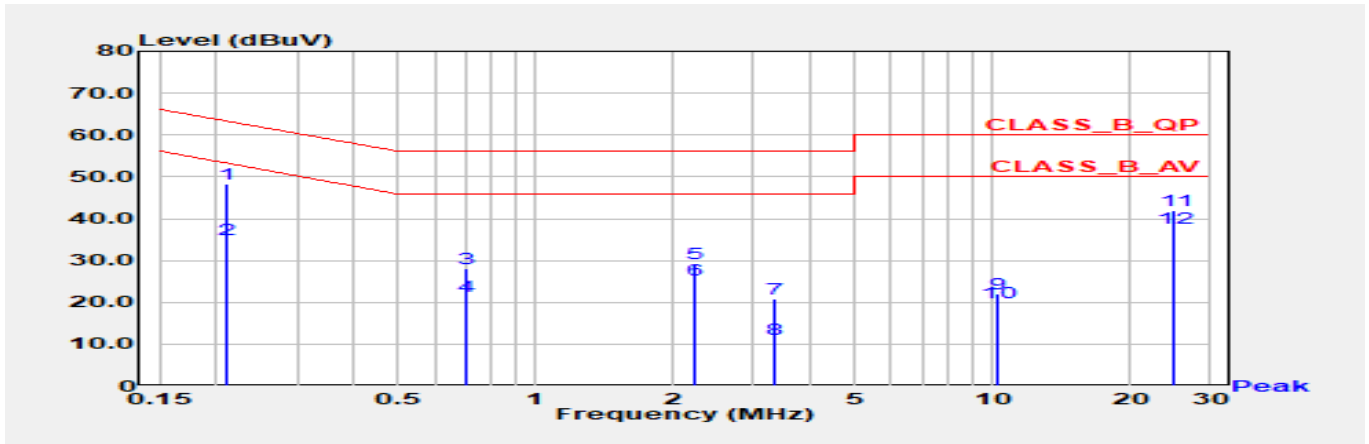


| No  | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-----------------------|--------------|-------------|----------------------|---------------------|---------------|
| *1  | 0.199           | 44.31                 | 63.63        | -19.32      | 34.44                | 9.87                | QP            |
| 2   | 0.199           | 26.05                 | 53.63        | -27.58      | 16.17                | 9.87                | AV            |
| 3   | 0.337           | 27.96                 | 59.28        | -31.32      | 18.09                | 9.88                | QP            |
| 4   | 0.337           | 13.92                 | 49.28        | -35.36      | 4.04                 | 9.88                | AV            |
| 5   | 0.708           | 24.60                 | 56.00        | -31.40      | 14.69                | 9.91                | QP            |
| 6   | 0.708           | 18.45                 | 46.00        | -27.55      | 8.54                 | 9.91                | AV            |
| 7   | 1.788           | 22.72                 | 56.00        | -33.28      | 12.75                | 9.97                | QP            |
| 8   | 1.788           | 19.11                 | 46.00        | -26.89      | 9.14                 | 9.97                | AV            |
| 9   | 3.282           | 24.86                 | 56.00        | -31.14      | 14.82                | 10.04               | QP            |
| 10  | 3.282           | 15.95                 | 46.00        | -30.05      | 5.91                 | 10.04               | AV            |
| 11  | 16.971          | 38.21                 | 60.00        | -21.79      | 27.83                | 10.38               | QP            |
| *12 | 16.971          | 27.03                 | 50.00        | -22.97      | 16.65                | 10.38               | AV            |

Note:

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

|                |                             |       |         |
|----------------|-----------------------------|-------|---------|
| Test Mode      | Mode 2: EUT + PoE           | Phase | Neutral |
| Test Condition | 802.11a / Ant. 1 / 5785 MHz |       |         |



| No  | Frequency (MHz) | Emission Level (dBuV) | Limit (dBuV) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-----------------------|--------------|-------------|----------------------|---------------------|---------------|
| *1  | 0.211           | 48.34                 | 63.18        | -14.84      | 38.48                | 9.86                | QP            |
| 2   | 0.211           | 35.10                 | 53.18        | -18.07      | 25.25                | 9.86                | AV            |
| 3   | 0.708           | 28.20                 | 56.00        | -27.80      | 18.30                | 9.90                | QP            |
| 4   | 0.708           | 21.48                 | 46.00        | -24.52      | 11.59                | 9.90                | AV            |
| 5   | 2.231           | 29.22                 | 56.00        | -26.78      | 19.25                | 9.98                | QP            |
| 6   | 2.231           | 25.28                 | 46.00        | -20.72      | 15.30                | 9.98                | AV            |
| 7   | 3.327           | 20.76                 | 56.00        | -35.24      | 10.74                | 10.02               | QP            |
| 8   | 3.327           | 11.08                 | 46.00        | -34.92      | 1.06                 | 10.02               | AV            |
| 9   | 10.266          | 21.90                 | 60.00        | -38.10      | 11.69                | 10.21               | QP            |
| 10  | 10.266          | 20.04                 | 50.00        | -29.96      | 9.83                 | 10.21               | AV            |
| 11  | 24.998          | 41.82                 | 60.00        | -18.18      | 31.40                | 10.42               | QP            |
| *12 | 24.998          | 37.76                 | 50.00        | -12.24      | 27.34                | 10.42               | AV            |

Note:

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

## Appendix B. Test Result of Emission Bandwidth

| Modulation | Frequency (MHz) | 99% Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)          |               |
|------------|-----------------|---------------------|--------|----------------------|--------|----------------------|---------------|
|            |                 | Ant. 1              | Ant. 1 | Ant. 1               | Ant. 1 | 99% & 26dB Bandwidth |               |
| 802.11a    | 5180            | 16.583              | 16.583 | 19.140               | 19.140 | -                    |               |
|            | 5220            | 16.543              | 16.543 | 19.100               | 19.100 | -                    |               |
|            | 5240            | 16.583              | 16.583 | 19.100               | 19.100 | -                    |               |
| Modulation | Frequency (MHz) | 99% Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)          |               |
|            |                 | Ant. 1              | Ant. 1 | Ant. 1               | Ant. 1 | 99% Bandwidth        | DTS Bandwidth |
| 802.11a    | 5745            | 16.623              | 16.623 | 16.263               | 16.263 | -                    | $\geq 0.50$   |
|            | 5785            | 16.823              | 16.823 | 16.303               | 16.303 | -                    | $\geq 0.50$   |
|            | 5825            | 16.943              | 16.943 | 16.303               | 16.303 | -                    | $\geq 0.50$   |

| Modulation        | Frequency (MHz) | 99% Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)          |               |
|-------------------|-----------------|---------------------|--------|----------------------|--------|----------------------|---------------|
|                   |                 | Ant. 0              | Ant. 1 | Ant. 0               | Ant. 1 | 99% & 26dB Bandwidth |               |
| 802.11ac (20 MHz) | 5180            | 17.702              | 17.702 | 20.059               | 19.940 | -                    |               |
|                   | 5220            | 17.702              | 17.662 | 20.099               | 19.940 | -                    |               |
|                   | 5240            | 17.662              | 17.662 | 19.900               | 19.860 | -                    |               |
| Modulation        | Frequency (MHz) | 99% Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)          |               |
|                   |                 | Ant. 0              | Ant. 1 | Ant. 0               | Ant. 1 | 99% Bandwidth        | DTS Bandwidth |
| 802.11ac (20 MHz) | 5745            | 17.702              | 17.822 | 17.542               | 17.542 | -                    | $\geq 0.50$   |
|                   | 5785            | 17.782              | 17.982 | 17.542               | 17.502 | -                    | $\geq 0.50$   |
|                   | 5825            | 17.822              | 18.381 | 17.502               | 16.903 | -                    | $\geq 0.50$   |

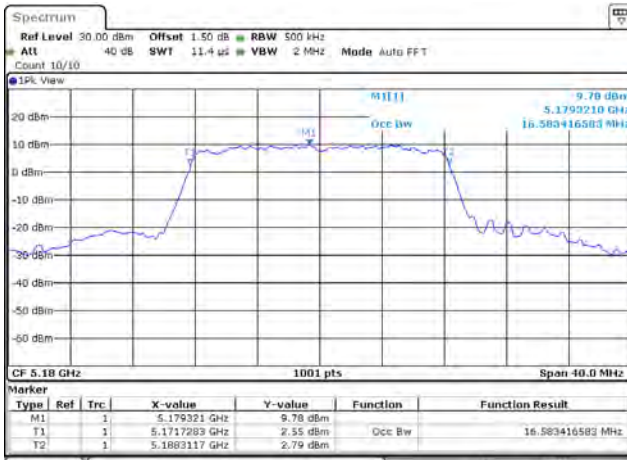
| Modulation        | Frequency (MHz) | 99% Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)          |               |
|-------------------|-----------------|---------------------|--------|----------------------|--------|----------------------|---------------|
|                   |                 | Ant. 0              | Ant. 1 | Ant. 0               | Ant. 1 | 99% & 26dB Bandwidth |               |
| 802.11ac (40 MHz) | 5190            | 36.283              | 36.283 | 41.718               | 41.558 | -                    |               |
|                   | 5230            | 36.123              | 36.203 | 41.078               | 41.318 | -                    |               |
| Modulation        | Frequency (MHz) | 99% Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)          |               |
|                   |                 | Ant. 0              | Ant. 1 | Ant. 0               | Ant. 1 | 99% Bandwidth        | DTS Bandwidth |
| 802.11ac (40 MHz) | 5755            | 36.363              | 36.683 | 35.164               | 35.164 | -                    | $\geq 0.50$   |
|                   | 5795            | 36.523              | 37.962 | 35.084               | 35.005 | -                    | $\geq 0.50$   |

| Modulation        | Frequency (MHz) | 99% Bandwidth (MHz) |        | 26dB Bandwidth (MHz) |        | Limit (MHz)          |               |
|-------------------|-----------------|---------------------|--------|----------------------|--------|----------------------|---------------|
|                   |                 | Ant. 0              | Ant. 1 | Ant. 0               | Ant. 1 | 99% & 26dB Bandwidth |               |
| 802.11ac (80 MHz) | 5210            | 74.805              | 74.645 | 79.600               | 79.600 | -                    |               |
| Modulation        | Frequency (MHz) | 99% Bandwidth (MHz) |        | DTS Bandwidth (MHz)  |        | Limit (MHz)          |               |
|                   |                 | Ant. 0              | Ant. 1 | Ant. 0               | Ant. 1 | 99% Bandwidth        | DTS Bandwidth |
| 802.11ac (80 MHz) | 5755            | 75.444              | 80.399 | 75.125               | 71.289 | -                    | $\geq 0.50$   |

For 99% Bandwidth:

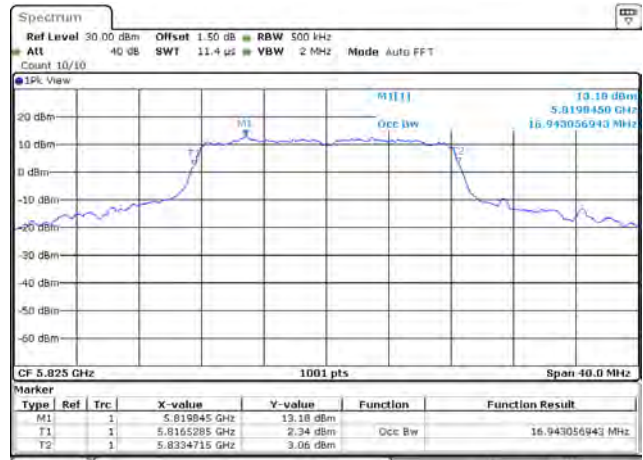
Spectrum plot of worst value

802.11a / Ant. 1 / 5180 MHz (U-NII-1)



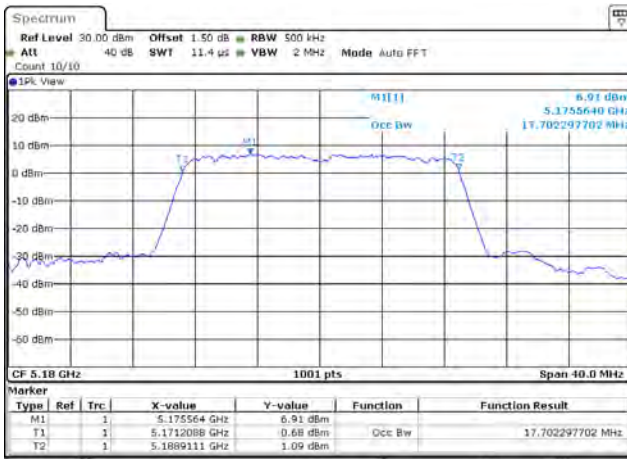
Date: 9-28-2023 20:28:21

802.11a / Ant. 1 / 5825 MHz (U-NII-3)



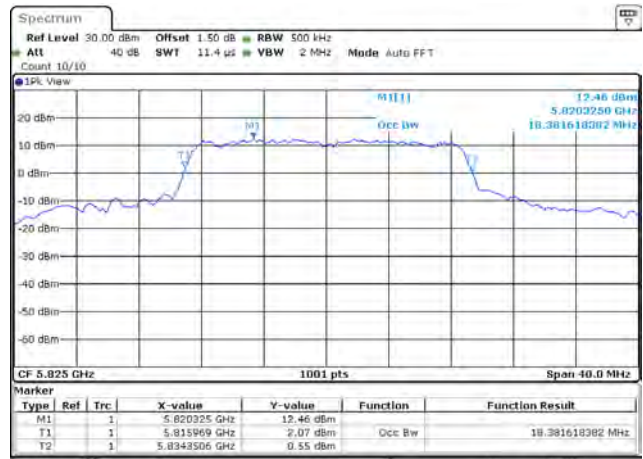
Date: 9-28-2023 21:05:16

802.11ac (20 MHz) / Ant. 0 / 5180 MHz (U-NII-1)



Date: 9-28-2023 20:28:22

802.11ac (20 MHz) / Ant. 1 / 5825 MHz (U-NII-3)



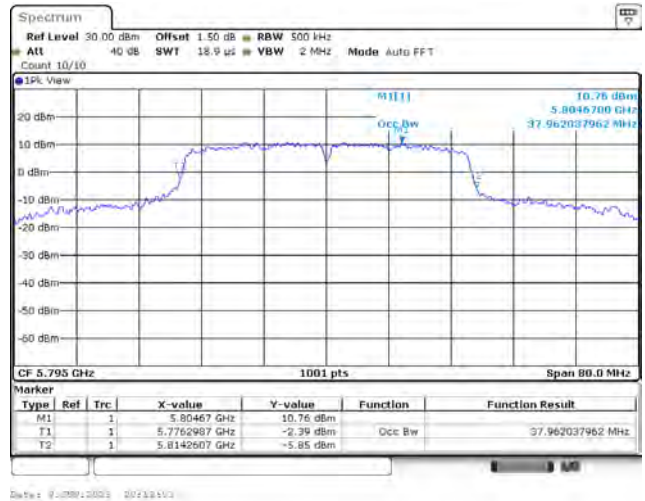
Date: 9-28-2023 20:28:10

### Spectrum plot of worst value

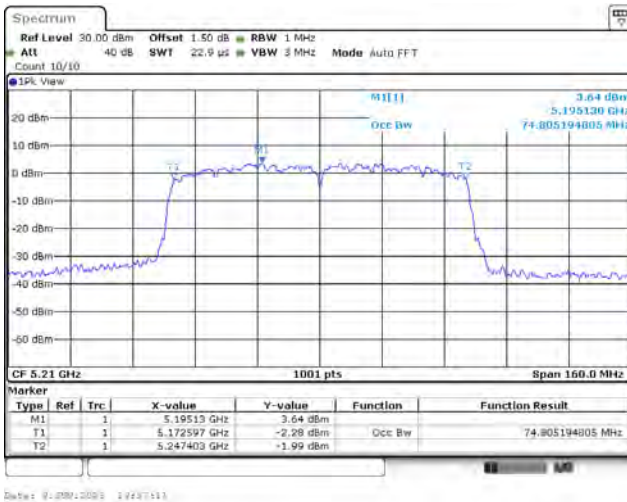
802.11ac (40 MHz) / Ant. 0 / 5190 MHz (U-NII-1)



802.11ac (40 MHz) / Ant. 1 / 5795 MHz (U-NII-3)



802.11ac (80 MHz) / Ant. 0 / 5210 MHz (U-NII-1)



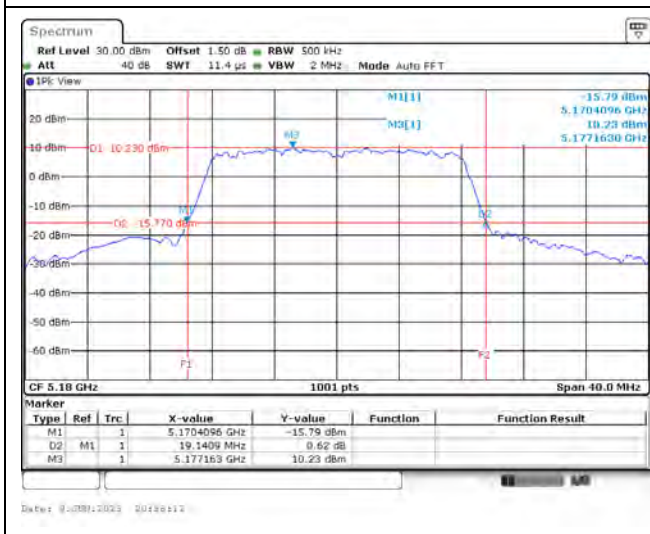
802.11ac (80 MHz) / Ant. 1 / 5775 MHz (U-NII-3)



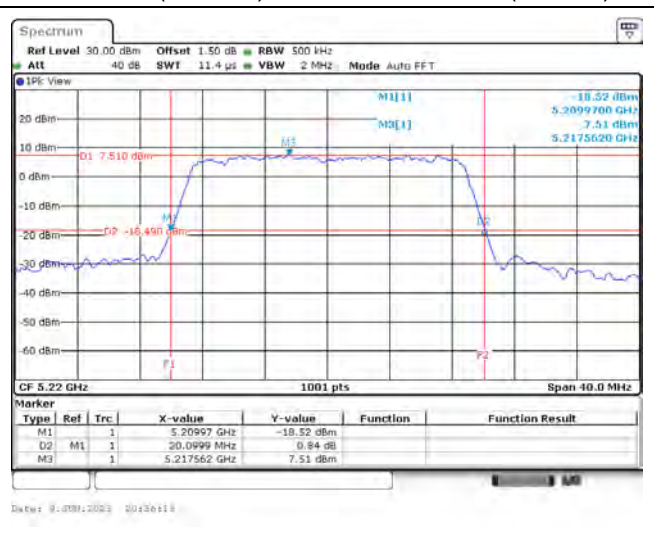
For 26dB Bandwidth:

Spectrum plot of worst value

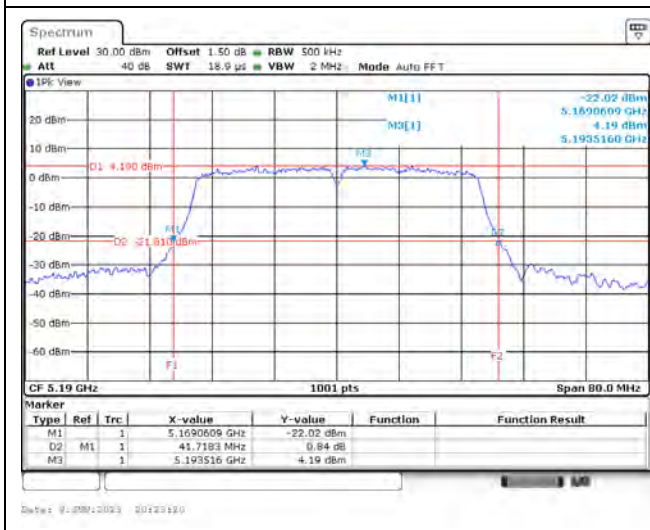
802.11a / Ant. 1 / 5180 MHz (U-NII-1)



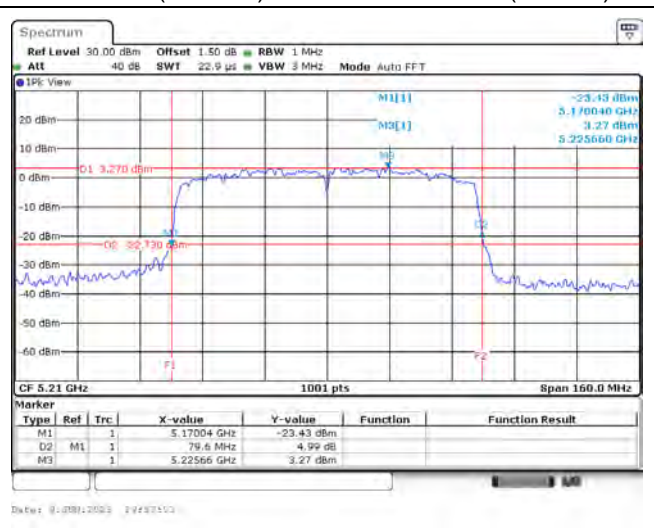
802.11ac (20 MHz) / Ant. 0 / 5220 MHz (U-NII-1)



802.11ac (40 MHz) / Ant. 0 / 5190 MHz (U-NII-1)



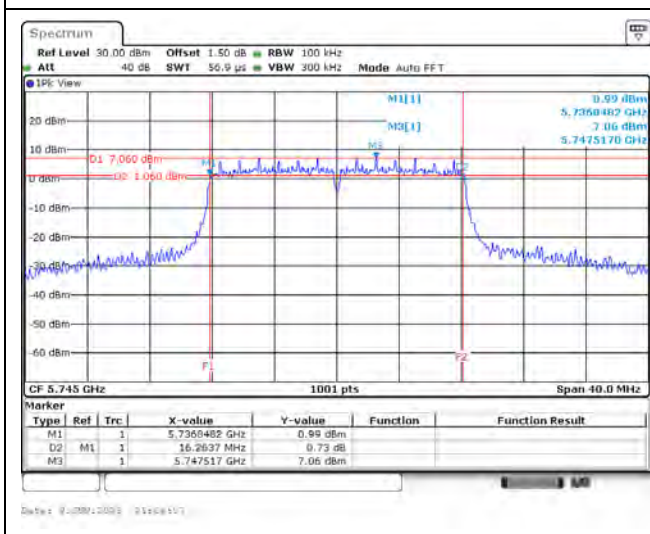
802.11ac (80 MHz) / Ant. 0 / 5210 MHz (U-NII-1)



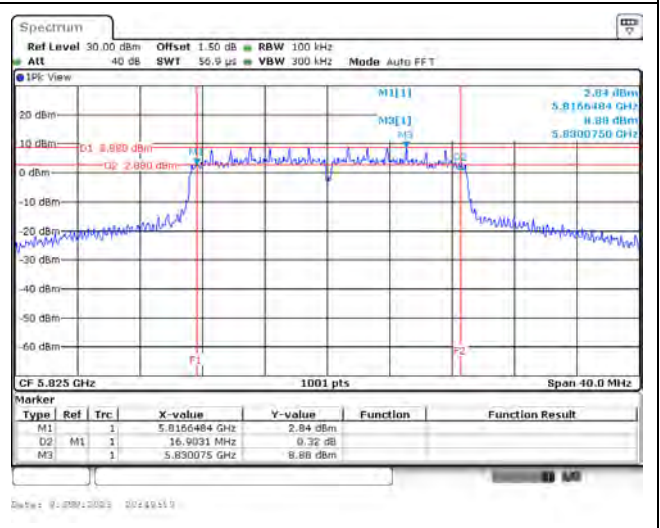
For DTS Bandwidth:

Spectrum plot of worst value

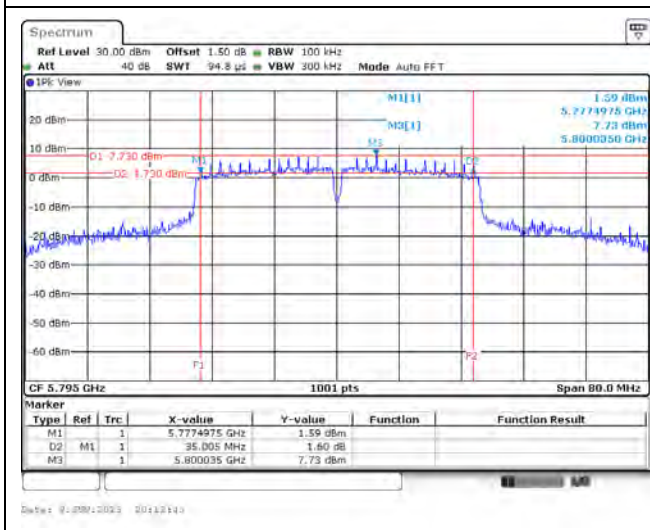
802.11a / Ant. 1 / 5745 MHz



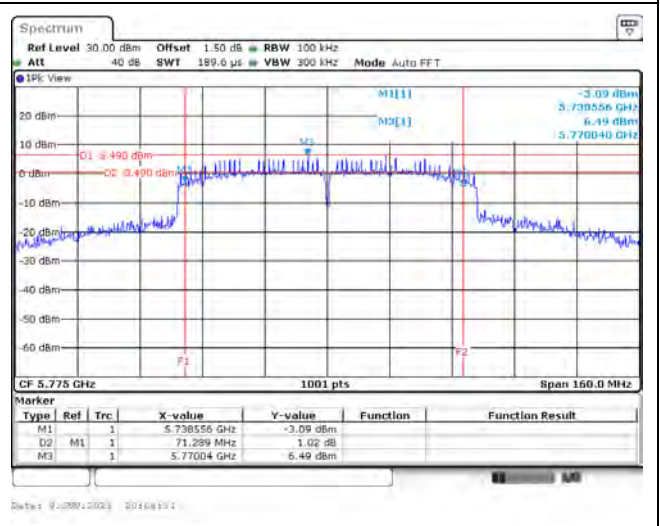
802.11ac (20 MHz) / Ant. 1 / 5825 MHz



802.11ac (40 MHz) / Ant. 1 / 5795 MHz



802.11ac (80 MHz) / Ant. 1 / 5775 MHz





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

| Modulation | Frequency (MHz) | Maximum Conducted Output Power (dBm) |  | Limit (dBm) | Result |
|------------|-----------------|--------------------------------------|--|-------------|--------|
|            |                 | Ant. 1                               |  |             |        |
| 802.11a    | 5180            | 18.11                                |  | ≤ 30.00     | Pass   |
|            | 5220            | 17.39                                |  | ≤ 30.00     | Pass   |
|            | 5240            | 17.56                                |  | ≤ 30.00     | Pass   |
|            | 5745            | 19.09                                |  | ≤ 30.00     | Pass   |
|            | 5785            | 19.33                                |  | ≤ 30.00     | Pass   |
|            | 5825            | 20.34                                |  | ≤ 30.00     | Pass   |

| Modulation        | Frequency (MHz) | Maximum Conducted Output Power (dBm) |        |       | Limit (dBm) | Result |
|-------------------|-----------------|--------------------------------------|--------|-------|-------------|--------|
|                   |                 | Ant. 0                               | Ant. 1 | Total |             |        |
| 802.11ac (20 MHz) | 5180            | 15.05                                | 15.48  | 18.28 | ≤ 30.00     | Pass   |
|                   | 5220            | 15.57                                | 15.91  | 18.75 | ≤ 30.00     | Pass   |
|                   | 5240            | 16.11                                | 16.32  | 19.23 | ≤ 30.00     | Pass   |
|                   | 5745            | 16.04                                | 16.96  | 19.53 | ≤ 30.00     | Pass   |
|                   | 5785            | 17.54                                | 18.32  | 20.96 | ≤ 30.00     | Pass   |
|                   | 5825            | 18.71                                | 19.65  | 22.22 | ≤ 30.00     | Pass   |
| 802.11ac (40 MHz) | 5190            | 14.77                                | 15.46  | 18.14 | ≤ 30.00     | Pass   |
|                   | 5230            | 16.57                                | 16.84  | 19.72 | ≤ 30.00     | Pass   |
|                   | 5755            | 19.69                                | 20.51  | 23.13 | ≤ 30.00     | Pass   |
|                   | 5795            | 20.43                                | 21.28  | 23.89 | ≤ 30.00     | Pass   |
| 802.11ac (80 MHz) | 5210            | 13.17                                | 13.46  | 16.33 | ≤ 30.00     | Pass   |
|                   | 5775            | 20.39                                | 21.12  | 23.78 | ≤ 30.00     | Pass   |

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

| Modulation | Frequency (MHz) | Power Spectral Density (dBm) |       | Limit (dBm)   | Result |
|------------|-----------------|------------------------------|-------|---------------|--------|
|            |                 | Ant. 1                       | Total |               |        |
| 802.11a    | 5180            | 6.110                        | 6.415 | $\leq 17.000$ | Pass   |
|            | 5220            | 5.370                        | 5.675 | $\leq 17.000$ | Pass   |
|            | 5240            | 5.650                        | 5.955 | $\leq 17.000$ | Pass   |
|            | 5745            | 3.810                        | 4.115 | $\leq 29.428$ | Pass   |
|            | 5785            | 4.240                        | 4.545 | $\leq 29.428$ | Pass   |
|            | 5825            | 4.810                        | 5.115 | $\leq 29.428$ | Pass   |

Note:

- Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 1.10.
- U-NII-1 Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{Ant}] = 5.860\text{dBi} < 6\text{dBi}$ , so the limit doesn't reduce.
- U-NII-3 Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{Ant}] = 6.572\text{dBi} > 6\text{dBi}$ , so limit =  $30 - (6.572 - 6) = 29.428\text{dBm}$ .

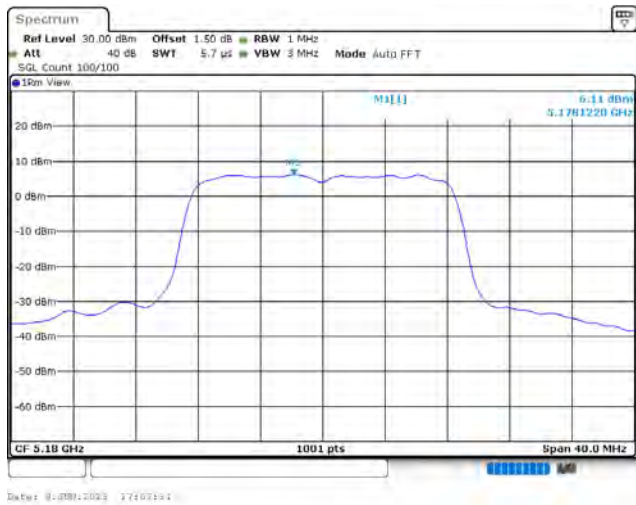
| Modulation        | Frequency (MHz) | Power Spectral Density (dBm) |        |        | Limit (dBm)   | Result |
|-------------------|-----------------|------------------------------|--------|--------|---------------|--------|
|                   |                 | Ant. 0                       | Ant. 1 | Total  |               |        |
| 802.11ac (20 MHz) | 5180            | 2.840                        | 3.130  | 6.469  | $\leq 17.000$ | Pass   |
|                   | 5220            | 3.280                        | 3.490  | 6.868  | $\leq 17.000$ | Pass   |
|                   | 5240            | 3.720                        | 3.740  | 7.211  | $\leq 17.000$ | Pass   |
|                   | 5745            | 0.460                        | 1.390  | 4.431  | $\leq 29.428$ | Pass   |
|                   | 5785            | 1.390                        | 2.850  | 5.662  | $\leq 29.428$ | Pass   |
|                   | 5825            | 2.760                        | 3.930  | 6.866  | $\leq 29.428$ | Pass   |
| 802.11ac (40 MHz) | 5190            | -0.720                       | 0.060  | 3.625  | $\leq 17.000$ | Pass   |
|                   | 5230            | 1.390                        | 1.610  | 5.439  | $\leq 17.000$ | Pass   |
|                   | 5755            | 1.350                        | 2.190  | 5.728  | $\leq 29.428$ | Pass   |
|                   | 5795            | 2.160                        | 2.910  | 6.489  | $\leq 29.428$ | Pass   |
| 802.11ac (80 MHz) | 5210            | -5.600                       | -5.040 | -1.099 | $\leq 17.000$ | Pass   |
|                   | 5775            | -1.780                       | -1.190 | 2.737  | $\leq 29.428$ | Pass   |

Note:

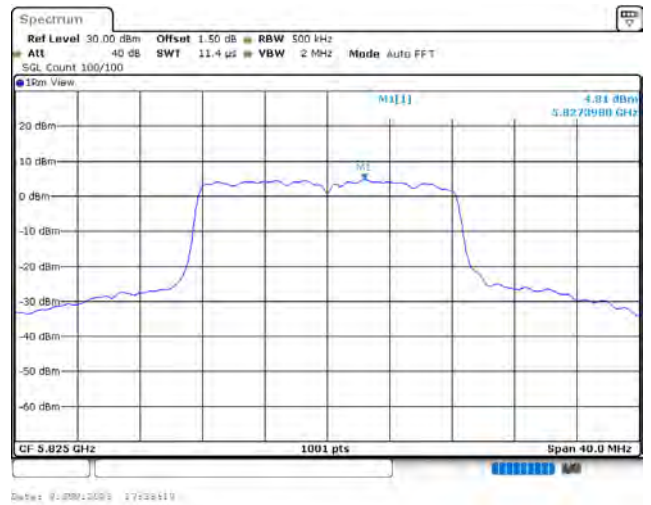
- Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 1.10.
- U-NII-1 Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{Ant}] = 5.860\text{dBi} < 6\text{dBi}$ , so the limit doesn't reduce.
- U-NII-3 Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{Ant}] = 6.572\text{dBi} > 6\text{dBi}$ , so limit =  $30 - (6.572 - 6) = 29.428\text{dBm}$ .

### Spectrum plot of worst value

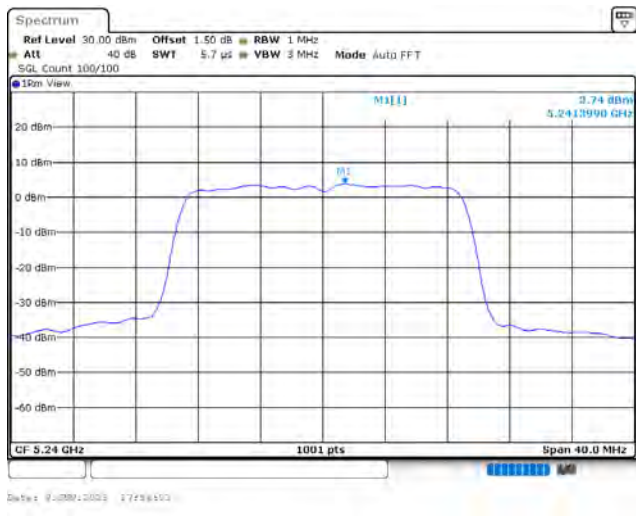
802.11a / Ant. 1 / 5180 MHz (U-NII-1)



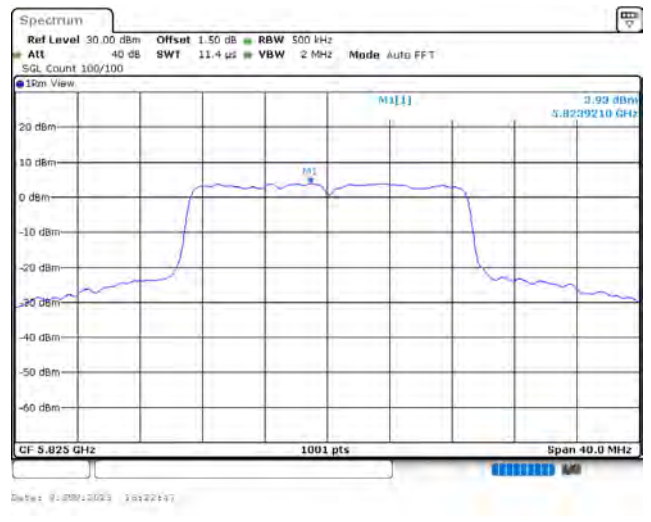
802.11a / Ant. 1 / 5825 MHz (U-NII-3)



802.11ac (20 MHz) / Ant. 1 / 5240 MHz (U-NII-1)

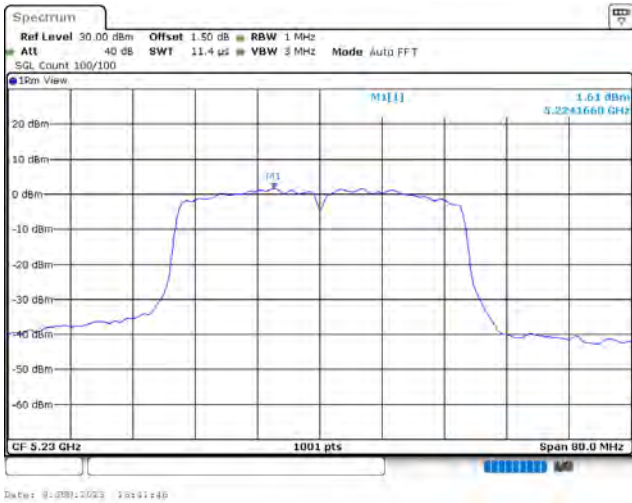


802.11ac (20 MHz) / Ant. 1 / 5825 MHz (U-NII-3)

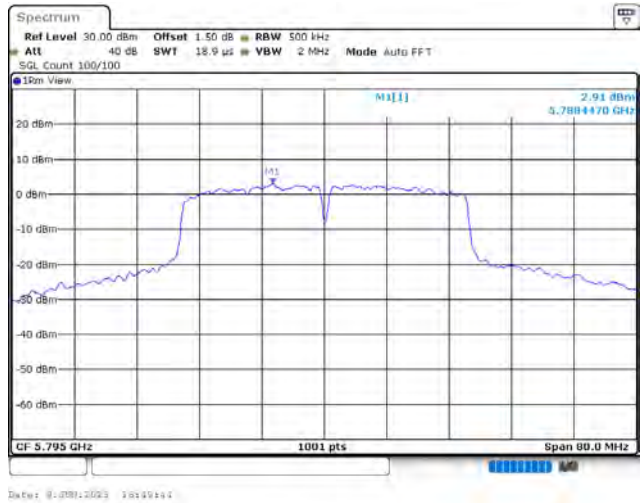


### Spectrum plot of worst value

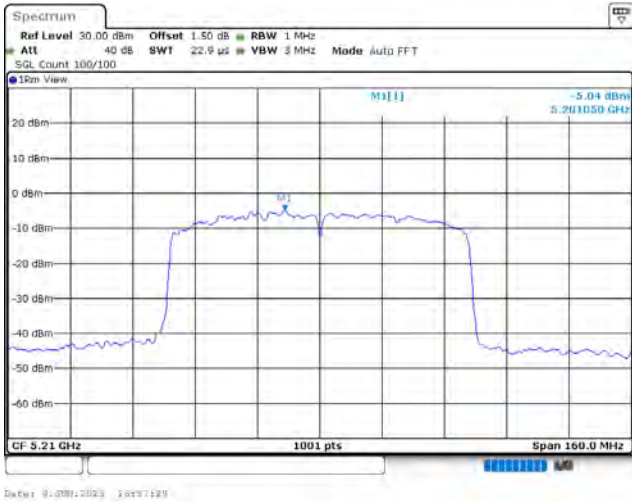
802.11ac (40 MHz) / Ant. 1 / 5230 MHz (U-NII-1)



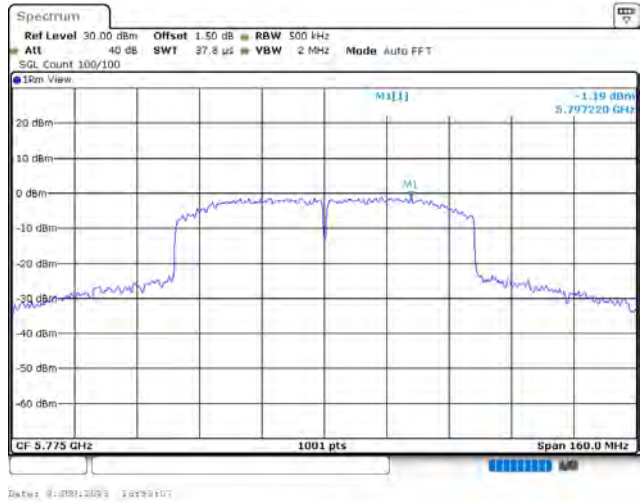
802.11ac (40 MHz) / Ant. 1 / 5795 MHz (U-NII-3)



802.11ac (80 MHz) / Ant. 1 / 5210 MHz (U-NII-1)



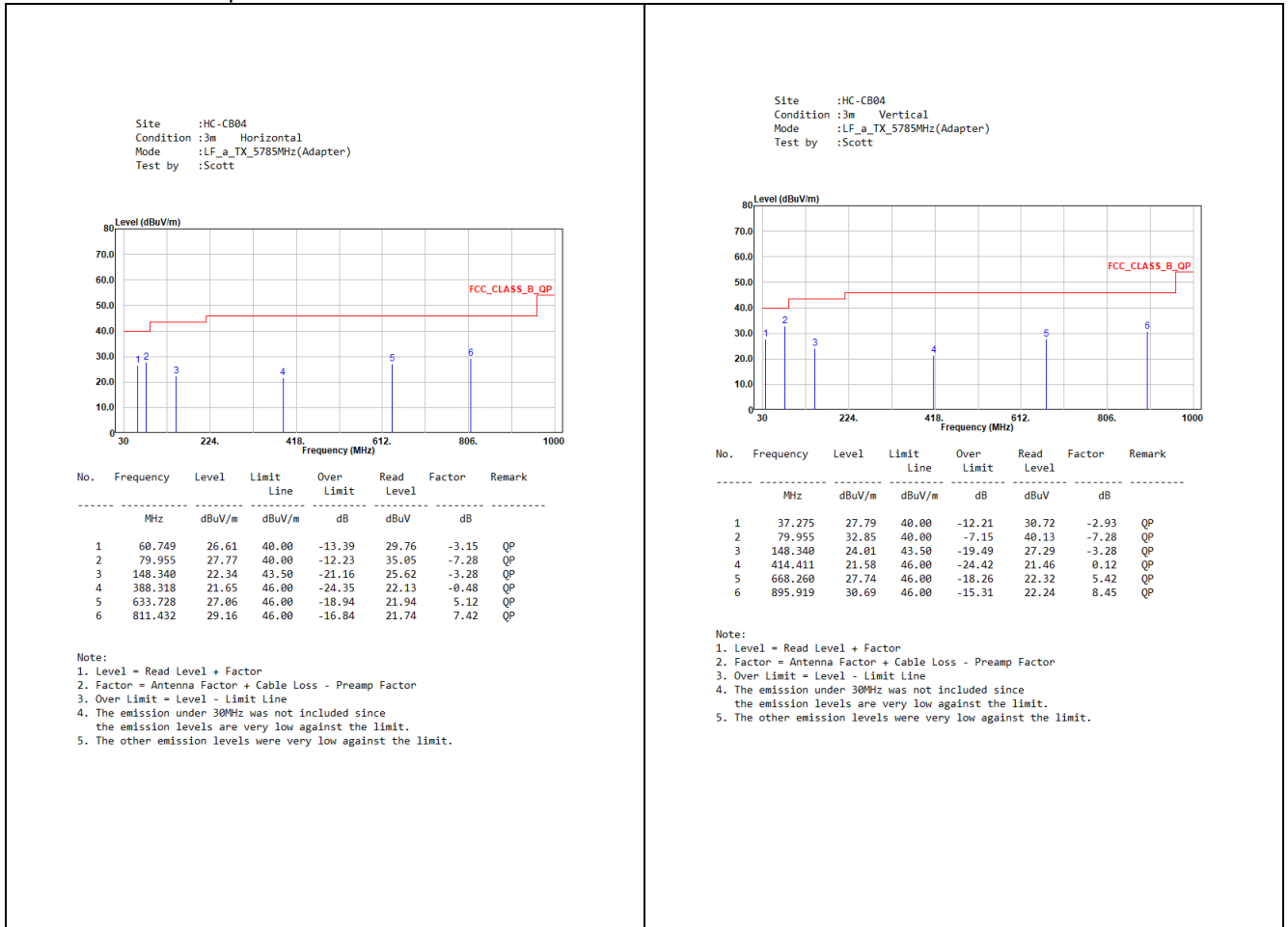
802.11ac (80 MHz) / Ant. 1 / 5775 MHz (U-NII-3)



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

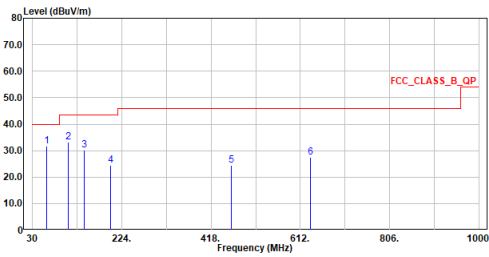
30 MHz ~ 1 GHz

Mode 1: EUT + Adapter



## Mode 2: EUT + PoE

Site :HC-CB04  
 Condition :3m Horizontal  
 Mode :LF\_a\_TX\_5785MHz(PoE)  
 Test by :Scott

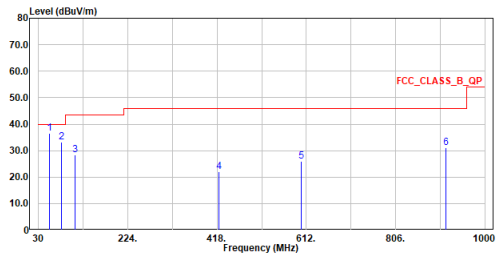


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 60.749    | 31.84  | 40.00      | -8.16      | 35.14      | -3.30  | QP     |
| 2   | 107.115   | 33.34  | 43.50      | -10.16     | 40.07      | -6.73  | QP     |
| 3   | 142.714   | 30.16  | 43.50      | -13.34     | 33.79      | -3.63  | QP     |
| 4   | 200.235   | 24.42  | 43.50      | -19.08     | 31.25      | -6.83  | QP     |
| 5   | 461.650   | 24.43  | 46.00      | -21.57     | 23.02      | 1.41   | QP     |
| 6   | 633.340   | 27.34  | 46.00      | -18.66     | 22.35      | 4.99   | QP     |

Note:

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

Site :HC-CB04  
 Condition :3m Vertical  
 Mode :LF\_a\_TX\_5785MHz(PoE)  
 Test by :Scott



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 53.474    | 36.64  | 40.00      | -3.36      | 39.50      | -2.86  | QP     |
| 2   | 79.955    | 33.28  | 40.00      | -6.72      | 40.71      | -7.43  | QP     |
| 3   | 109.928   | 28.25  | 43.50      | -15.25     | 34.48      | -6.23  | QP     |
| 4   | 422.171   | 22.09  | 46.00      | -23.91     | 21.90      | 0.19   | QP     |
| 5   | 600.554   | 26.11  | 46.00      | -19.89     | 21.58      | 4.53   | QP     |
| 6   | 915.513   | 31.02  | 46.00      | -14.98     | 22.40      | 8.62   | QP     |

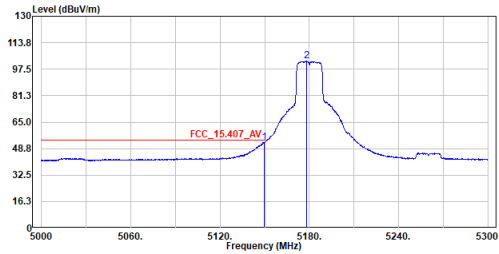
Note:

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

## Above 1 GHz

### For 5GHz Band 1:

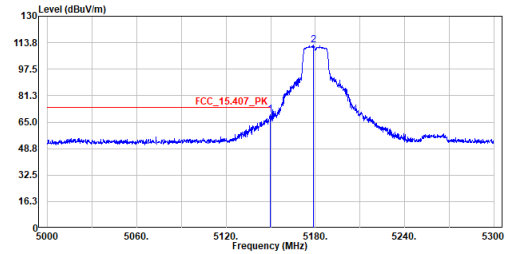
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 5149.850  | 52.73  | 54.00  | -1.27 | 28.58 | 24.15  | Average |
| 2   | 5178.050  | 102.38 | -----  | ----- | 78.22 | 24.16  | Average |

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

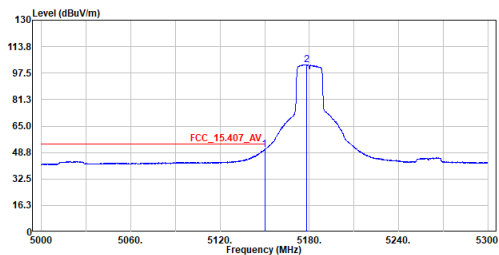
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark |
|-----|-----------|--------|--------|-------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |        |
| 1   | 5149.550  | 69.69  | 74.00  | -4.31 | 45.54 | 24.15  | Peak   |
| 2   | 5178.500  | 112.36 | -----  | ----- | 88.20 | 24.16  | Peak   |

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

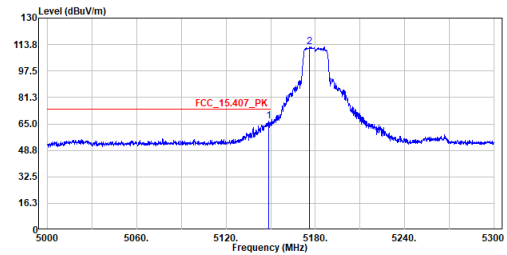
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 5150.000  | 50.52  | 54.00  | -3.48 | 26.37 | 24.15  | Average |
| 2   | 5178.350  | 102.74 | -----  | ----- | 78.58 | 24.16  | Average |

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

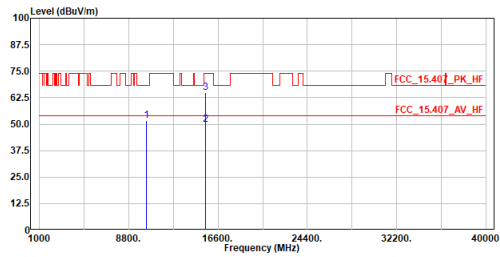
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark |
|-----|-----------|--------|--------|-------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |        |
| 1   | 5148.650  | 66.72  | 74.00  | -7.28 | 42.57 | 24.15  | Peak   |
| 2   | 5175.950  | 112.41 | -----  | ----- | 88.25 | 24.16  | Peak   |

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

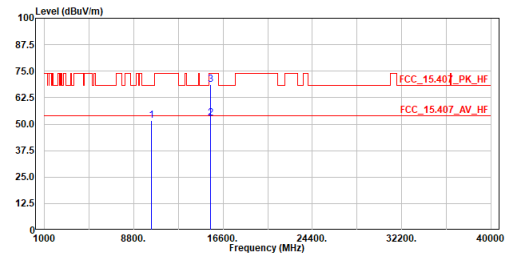
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10360.000 | 51.68  | 68.20      | -16.52     | 57.04      | -5.36  | Peak    |
| 2   | 15540.000 | 49.75  | 54.00      | -4.25      | 48.92      | 0.83   | Average |
| 3   | 15540.000 | 64.97  | 74.00      | -9.03      | 64.14      | 0.83   | Peak    |

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

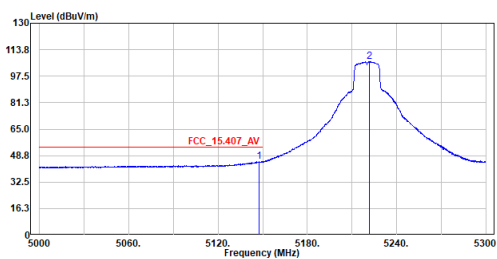
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10360.000 | 51.77  | 68.20      | -16.43     | 57.13      | -5.36  | Peak    |
| 2   | 15540.000 | 52.81  | 54.00      | -1.19      | 51.98      | 0.83   | Average |
| 3   | 15540.000 | 68.51  | 74.00      | -5.49      | 67.68      | 0.83   | Peak    |

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

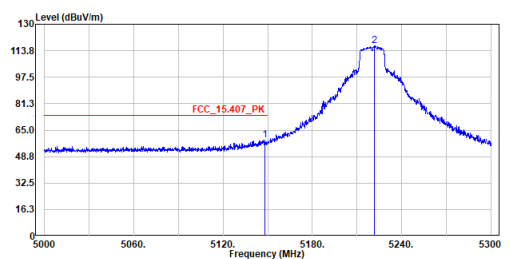
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5220MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5147.750  | 45.17  | 54.00      | -8.83      | 21.02      | 24.15  | Average |
| 2   | 5221.550  | 106.47 | -----      | -----      | 82.28      | 24.19  | Average |

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5220MHz  
 Test by :Cyril

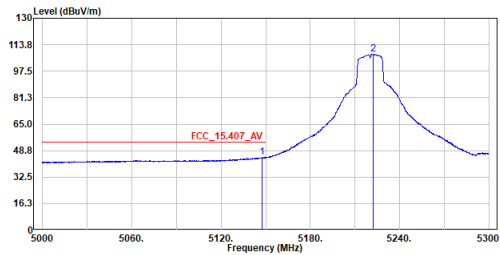


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5148.050  | 59.04  | 74.00      | -14.96     | 34.89      | 24.15  | Peak   |
| 2   | 5221.850  | 116.57 | -----      | -----      | 92.38      | 24.19  | Peak   |

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



Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5220MHz  
 Test by :Cyril

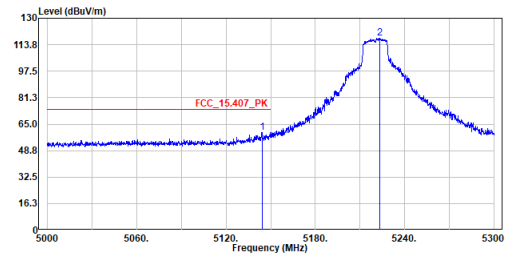


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5147.750  | 44.70  | 54.00      | -9.30      | 20.55      | 24.15  | Average |
| 2   | 5222.000  | 107.77 | -----      | -----      | 83.58      | 24.19  | Average |

Note:

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5220MHz  
 Test by :Cyril

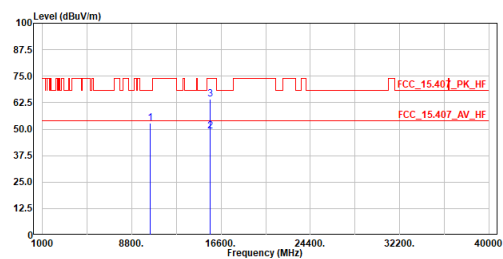


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5144.150  | 59.91  | 74.00      | -14.09     | 35.77      | 24.14  | Peak   |
| 2   | 5223.500  | 117.81 | -----      | -----      | 93.62      | 24.19  | Peak   |

Note:

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5220MHz  
 Test by :Cyril

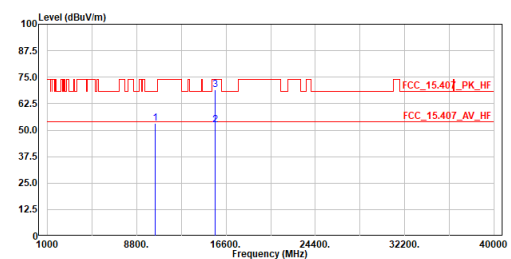


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10440.000 | 52.85  | 68.20      | -15.35     | 58.08      | -5.23  | Peak    |
| 2   | 15660.000 | 48.87  | 54.00      | -5.13      | 48.04      | 0.83   | Average |
| 3   | 15660.000 | 64.31  | 74.00      | -9.69      | 63.48      | 0.83   | Peak    |

Note:

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5220MHz  
 Test by :Cyril

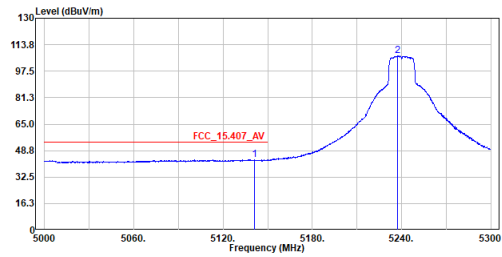


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10440.000 | 53.23  | 68.20      | -14.97     | 58.46      | -5.23  | Peak    |
| 2   | 15660.000 | 52.64  | 54.00      | -1.36      | 51.81      | 0.83   | Average |
| 3   | 15660.000 | 68.87  | 74.00      | -5.13      | 68.04      | 0.83   | Peak    |

Note:

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

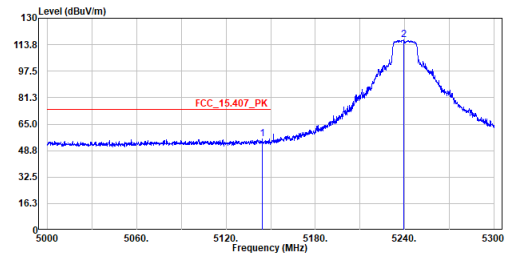
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5240MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5141.000  | 43.17  | 54.00      | -10.83     | 19.03      | 24.14  | Average |
| 2   | 5237.300  | 107.06 | -----      | -----      | 82.87      | 24.19  | Average |

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

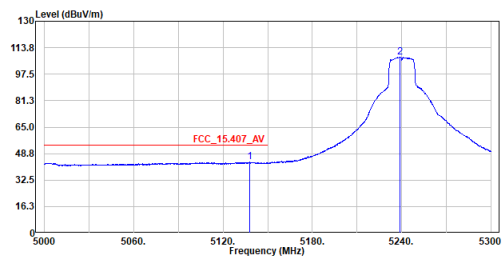
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5240MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5144.300  | 55.95  | 74.00      | -18.05     | 31.80      | 24.15  | Peak   |
| 2   | 5239.250  | 116.75 | -----      | -----      | 92.57      | 24.18  | Peak   |

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

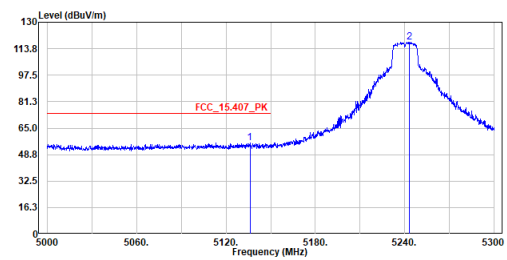
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5240MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5138.000  | 43.42  | 54.00      | -10.58     | 19.28      | 24.14  | Average |
| 2   | 5238.800  | 107.88 | -----      | -----      | 83.70      | 24.18  | Average |

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

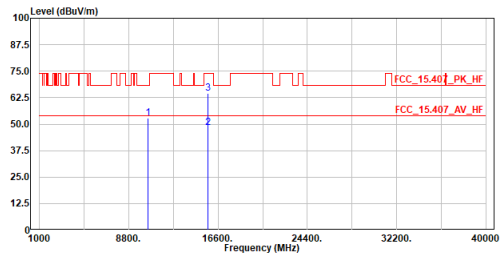
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5240MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5136.050  | 56.02  | 74.00      | -17.98     | 31.87      | 24.15  | Peak   |
| 2   | 5243.000  | 117.77 | -----      | -----      | 93.58      | 24.19  | Peak   |

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

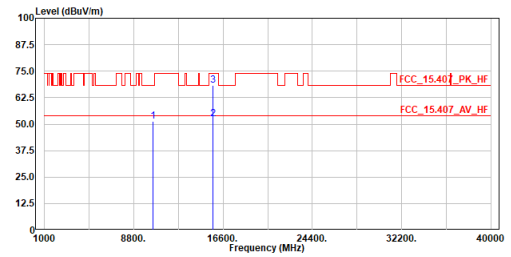
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5240MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 10480.000 | 52.75  | 68.20  | -15.45 | 57.92 | -5.17  | Peak    |
| 2   | 15720.000 | 48.36  | 54.00  | -5.64  | 47.53 | 0.83   | Average |
| 3   | 15720.000 | 64.62  | 74.00  | -9.38  | 63.79 | 0.83   | Peak    |

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

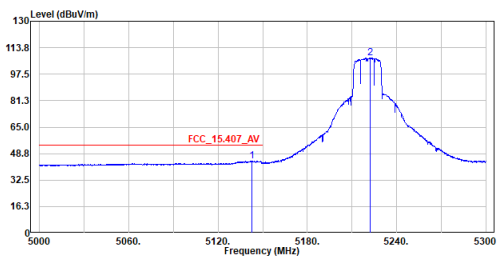
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5240MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 10480.000 | 51.25  | 68.20  | -16.95 | 56.42 | -5.17  | Peak    |
| 2   | 15720.000 | 52.61  | 54.00  | -1.39  | 51.78 | 0.83   | Average |
| 3   | 15720.000 | 68.18  | 74.00  | -5.82  | 67.35 | 0.83   | Peak    |

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

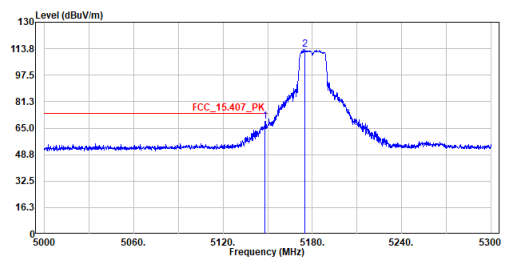
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 5142.950  | 44.23  | 54.00  | -9.77 | 20.09 | 24.14  | Average |
| 2   | 5222.150  | 107.48 | -----  | ----- | 83.29 | 24.19  | Average |

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

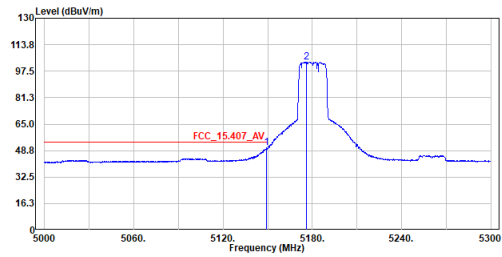
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark |
|-----|-----------|--------|--------|-------|-------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |        |
| 1   | 5148.350  | 69.27  | 74.00  | -4.73 | 45.12 | 24.15  | Peak   |
| 2   | 5174.900  | 113.30 | -----  | ----- | 89.14 | 24.16  | Peak   |

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

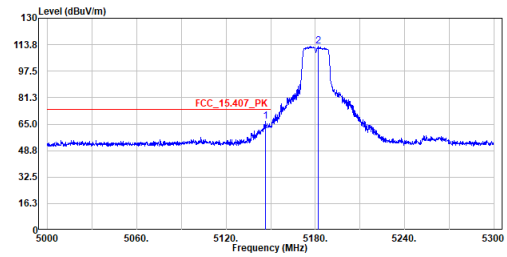
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5149.250  | 50.29  | 54.00      | -3.71      | 26.14      | 24.15  | Average |
| 2   | 5176.250  | 103.10 | -----      | -----      | 78.94      | 24.16  | Average |

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

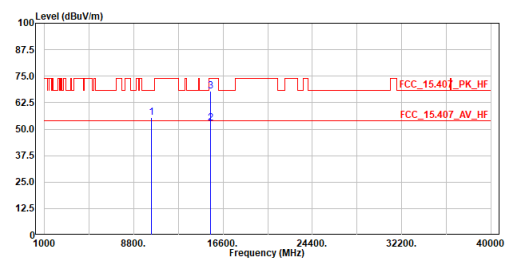
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5146.550  | 66.49  | 74.00      | -7.51      | 42.34      | 24.15  | Peak   |
| 2   | 5182.100  | 113.08 | -----      | -----      | 88.92      | 24.16  | Peak   |

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

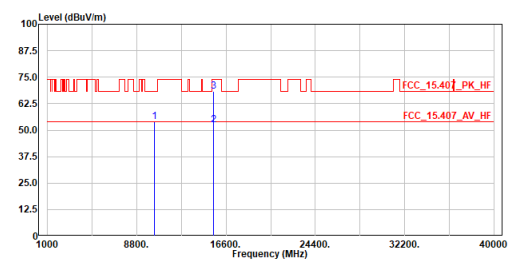
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10360.000 | 55.61  | 68.20      | -12.59     | 60.97      | -5.36  | Peak    |
| 2   | 15540.000 | 52.71  | 54.00      | -1.29      | 51.88      | 0.83   | Average |
| 3   | 15540.000 | 68.04  | 74.00      | -5.96      | 67.21      | 0.83   | Peak    |

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

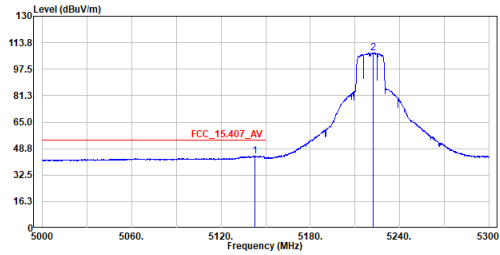
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5180MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10360.000 | 53.96  | 68.20      | -14.24     | 59.32      | -5.36  | Peak    |
| 2   | 15540.000 | 52.56  | 54.00      | -1.44      | 51.73      | 0.83   | Average |
| 3   | 15540.000 | 68.25  | 74.00      | -5.75      | 67.42      | 0.83   | Peak    |

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

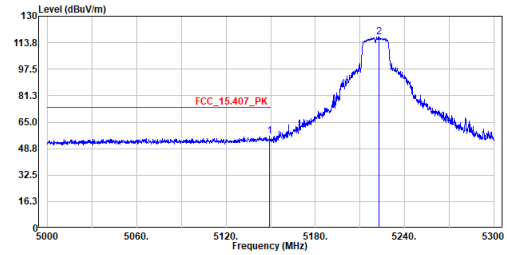
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5220MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5142.950  | 44.23  | 54.00      | -9.77      | 20.09      | 24.14  | Average |
| 2   | 5222.150  | 107.48 | -----      | -----      | 83.29      | 24.19  | Average |

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

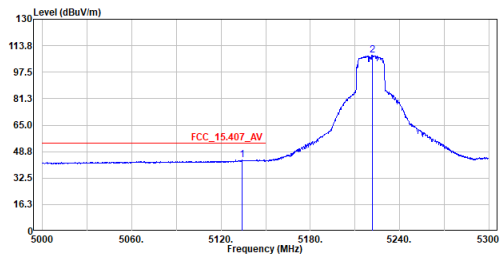
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5220MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5149.250  | 56.37  | 74.00      | -17.63     | 32.22      | 24.15  | Peak   |
| 2   | 5222.600  | 117.23 | -----      | -----      | 93.04      | 24.19  | Peak   |

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

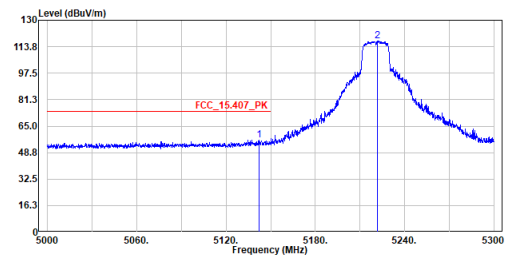
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5220MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5134.400  | 43.62  | 54.00      | -10.38     | 19.47      | 24.15  | Average |
| 2   | 5221.700  | 108.07 | -----      | -----      | 83.88      | 24.19  | Average |

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

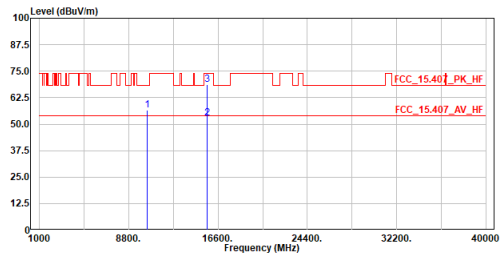
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5220MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5142.050  | 56.45  | 74.00      | -17.55     | 32.31      | 24.14  | Peak   |
| 2   | 5221.850  | 117.32 | -----      | -----      | 93.13      | 24.19  | Peak   |

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5220MHz  
 Test by :Cyril

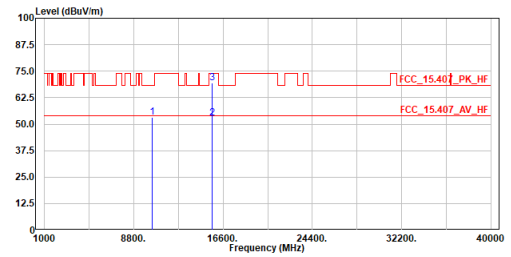


| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 10440.000 | 56.75  | 68.20  | -11.45 | 61.98 | -5.23  | Peak    |
| 2   | 15660.000 | 52.77  | 54.00  | -1.23  | 51.94 | 0.83   | Average |
| 3   | 15660.000 | 68.63  | 74.00  | -5.37  | 67.80 | 0.83   | Peak    |

Note:

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5220MHz  
 Test by :Cyril

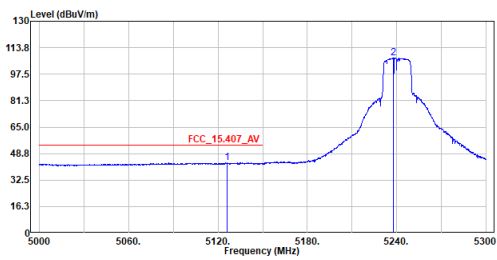


| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 10440.000 | 53.20  | 68.20  | -15.00 | 58.43 | -5.23  | Peak    |
| 2   | 15660.000 | 52.86  | 54.00  | -1.14  | 52.03 | 0.83   | Average |
| 3   | 15660.000 | 69.61  | 74.00  | -4.39  | 68.78 | 0.83   | Peak    |

Note:

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5240MHz  
 Test by :Cyril

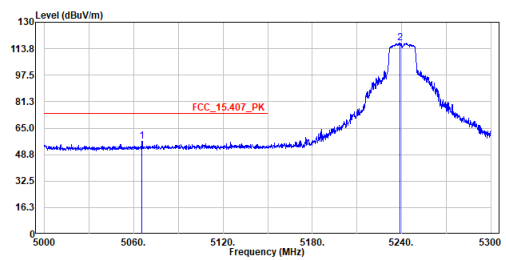


| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 5126.150  | 43.19  | 54.00  | -10.81 | 19.04 | 24.15  | Average |
| 2   | 5237.600  | 107.52 | -----  | -----  | 83.34 | 24.18  | Average |

Note:

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5240MHz  
 Test by :Cyril

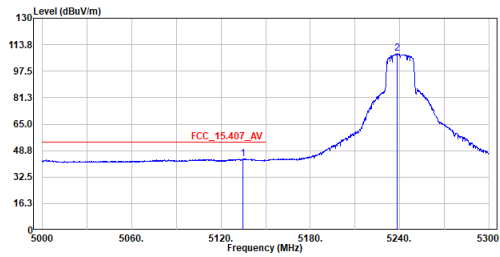


| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5065.550  | 57.03  | 74.00  | -16.97 | 32.92 | 24.11  | Peak   |
| 2   | 5238.950  | 117.29 | -----  | -----  | 93.11 | 24.18  | Peak   |

Note:

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5240MHz  
 Test by :Cyril

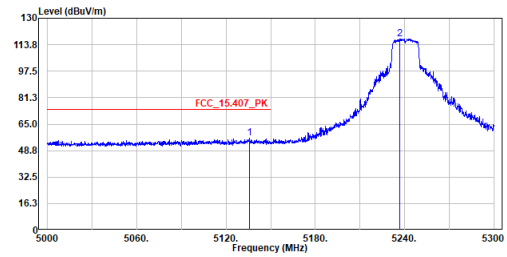


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5134.850  | 43.57  | 54.00      | -10.43     | 19.42      | 24.15  | Average |
| 2   | 5238.350  | 108.18 | -----      | -----      | 84.00      | 24.18  | Average |

Note:

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5240MHz  
 Test by :Cyril

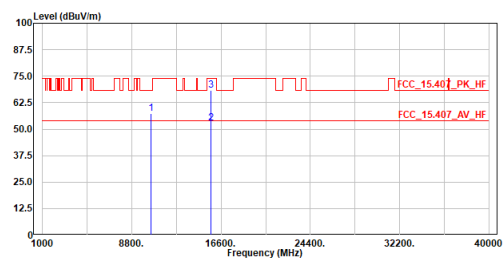


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5135.600  | 56.30  | 74.00      | -17.70     | 32.15      | 24.15  | Peak   |
| 2   | 5236.700  | 117.43 | -----      | -----      | 93.24      | 24.19  | Peak   |

Note:

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5240MHz  
 Test by :Cyril

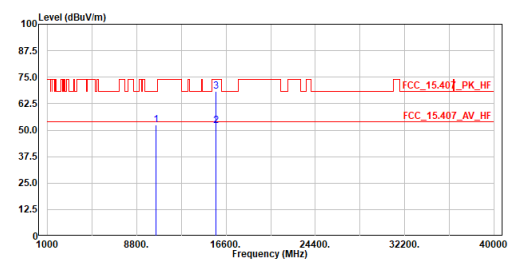


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10480.000 | 57.41  | 68.20      | -10.79     | 62.58      | -5.17  | Peak    |
| 2   | 15720.000 | 52.83  | 54.00      | -1.17      | 52.00      | 0.83   | Average |
| 3   | 15720.000 | 68.30  | 74.00      | -5.70      | 67.47      | 0.83   | Peak    |

Note:

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5240MHz  
 Test by :Cyril

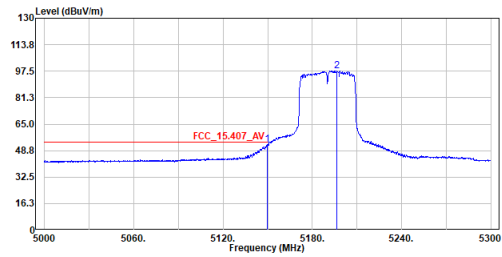


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10480.000 | 52.46  | 68.20      | -15.74     | 57.63      | -5.17  | Peak    |
| 2   | 15720.000 | 52.09  | 54.00      | -1.91      | 51.26      | 0.83   | Average |
| 3   | 15720.000 | 68.25  | 74.00      | -5.75      | 67.42      | 0.83   | Peak    |

Note:

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

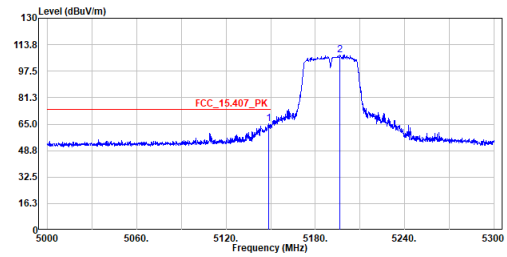
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5190MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5149.550  | 52.52  | 54.00      | -1.48      | 28.37      | 24.15  | Average |
| 2   | 5196.650  | 97.63  | -----      | -----      | 73.46      | 24.17  | Average |

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

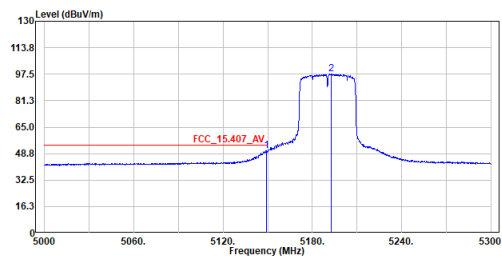
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5190MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5148.800  | 65.22  | 74.00      | -8.78      | 41.07      | 24.15  | Peak   |
| 2   | 5196.650  | 107.42 | -----      | -----      | 83.25      | 24.17  | Peak   |

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

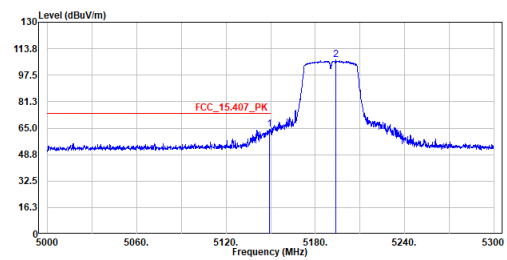
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5190MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5149.250  | 50.64  | 54.00      | -3.36      | 26.49      | 24.15  | Average |
| 2   | 5192.450  | 97.42  | -----      | -----      | 73.25      | 24.17  | Average |

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5190MHz  
 Test by :Cyril

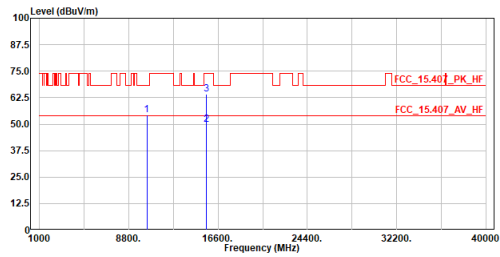


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5149.100  | 64.50  | 74.00      | -9.50      | 40.35      | 24.15  | Peak   |
| 2   | 5193.650  | 106.82 | -----      | -----      | 82.65      | 24.17  | Peak   |

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



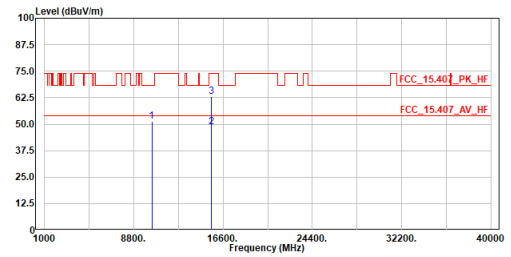
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5190MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 10380.000 | 54.16  | 68.20  | -14.04 | 59.48 | -5.32  | Peak    |
| 2   | 15570.000 | 49.89  | 54.00  | -4.11  | 49.06 | 0.83   | Average |
| 3   | 15570.000 | 64.19  | 74.00  | -9.81  | 63.36 | 0.83   | Peak    |

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

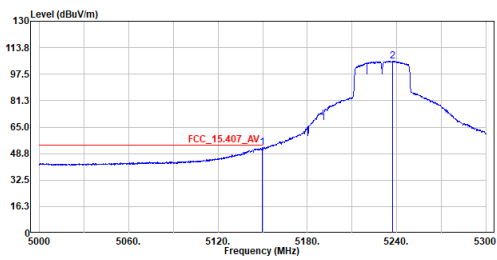
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5190MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 10380.000 | 51.23  | 68.20  | -16.97 | 56.55 | -5.32  | Peak    |
| 2   | 15570.000 | 48.68  | 54.00  | -5.32  | 47.85 | 0.83   | Average |
| 3   | 15570.000 | 63.03  | 74.00  | -10.97 | 62.20 | 0.83   | Peak    |

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

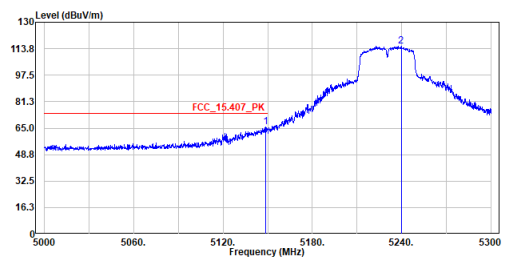
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5230MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 5149.700  | 52.56  | 54.00  | -1.44 | 28.41 | 24.15  | Average |
| 2   | 5237.450  | 105.65 | -----  | ----- | 81.46 | 24.19  | Average |

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

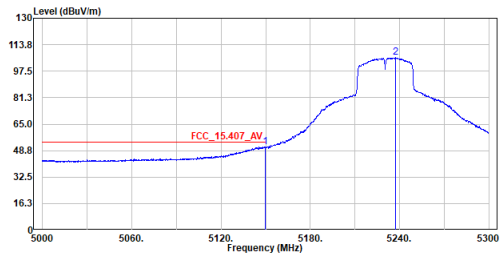
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5230MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark |
|-----|-----------|--------|--------|-------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |        |
| 1   | 5148.500  | 65.65  | 74.00  | -8.35 | 41.50 | 24.15  | Peak   |
| 2   | 5239.700  | 115.45 | -----  | ----- | 91.27 | 24.18  | Peak   |

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

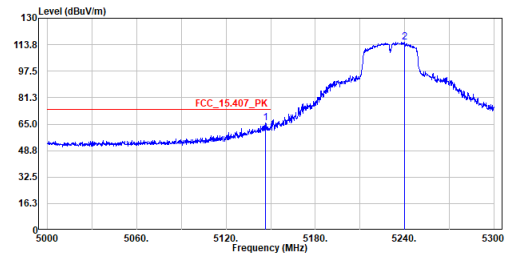
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5230MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 5149.850  | 51.07  | 54.00      | -2.93      | 26.92      | 24.15  | Average |
| 2   | 5237.450  | 105.81 | -----      | -----      | 81.62      | 24.19  | Average |

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

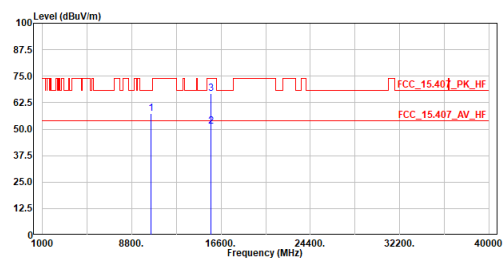
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5230MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5146.700  | 65.57  | 74.00      | -8.43      | 41.42      | 24.15  | Peak   |
| 2   | 5239.850  | 115.42 | -----      | -----      | 91.24      | 24.18  | Peak   |

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

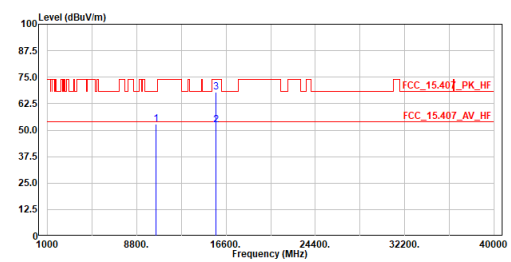
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5230MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10460.000 | 57.39  | 68.20      | -10.81     | 62.59      | -5.20  | Peak    |
| 2   | 15690.000 | 51.34  | 54.00      | -2.66      | 50.51      | 0.83   | Average |
| 3   | 15690.000 | 66.68  | 74.00      | -7.32      | 65.85      | 0.83   | Peak    |

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

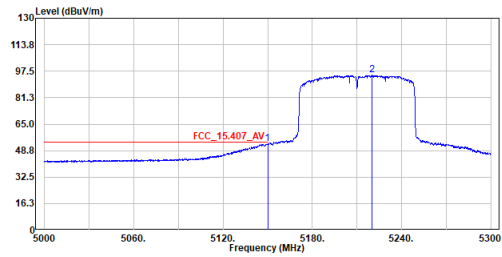
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5230MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 10460.000 | 52.81  | 68.20      | -15.39     | 58.01      | -5.20  | Peak    |
| 2   | 15690.000 | 52.61  | 54.00      | -1.39      | 51.78      | 0.83   | Average |
| 3   | 15690.000 | 68.06  | 74.00      | -5.94      | 67.23      | 0.83   | Peak    |

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

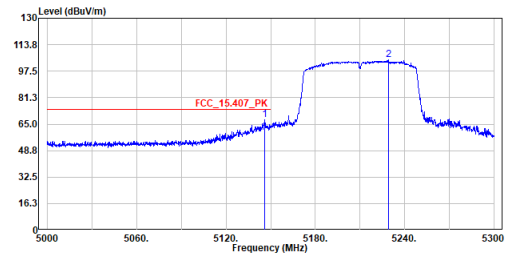
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5210MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 5150.000  | 52.84  | 54.00  | -1.16 | 28.69 | 24.15  | Average |
| 2   | 5220.050  | 94.99  | -----  | ----- | 70.81 | 24.18  | Average |

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

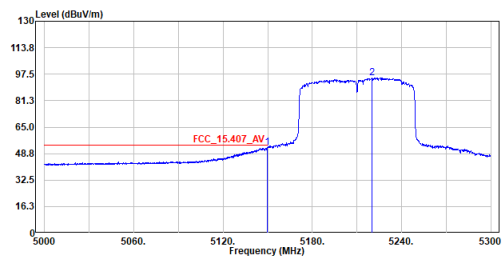
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5210MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark |
|-----|-----------|--------|--------|-------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |        |
| 1   | 5145.950  | 67.51  | 74.00  | -6.49 | 43.36 | 24.15  | Peak   |
| 2   | 5229.200  | 104.40 | -----  | ----- | 80.21 | 24.19  | Peak   |

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

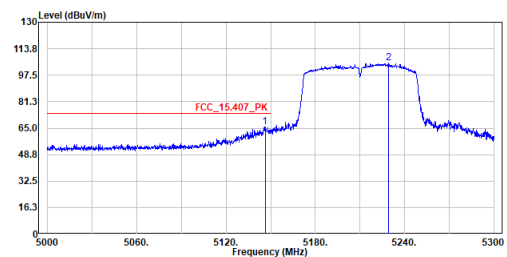
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5210MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 5149.850  | 52.45  | 54.00  | -1.55 | 28.30 | 24.15  | Average |
| 2   | 5220.050  | 95.31  | -----  | ----- | 71.13 | 24.18  | Average |

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

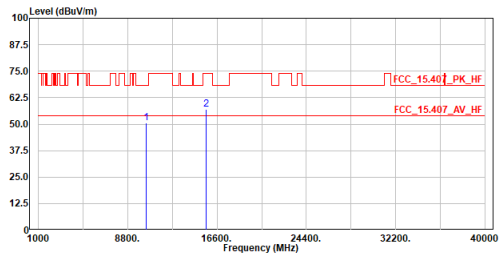
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5210MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark |
|-----|-----------|--------|--------|-------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |        |
| 1   | 5146.250  | 65.88  | 74.00  | -8.12 | 41.73 | 24.15  | Peak   |
| 2   | 5229.050  | 104.83 | -----  | ----- | 80.64 | 24.19  | Peak   |

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5210MHz  
 Test by :Cyril

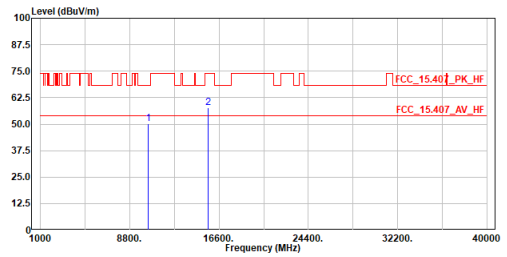


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 10420.000 | 50.73  | 68.20      | -17.47     | 55.99      | -5.26  | Peak   |
| 2   | 15630.000 | 56.99  | 74.00      | -17.01     | 56.16      | 0.83   | Peak   |

Note:

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5210MHz  
 Test by :Cyril



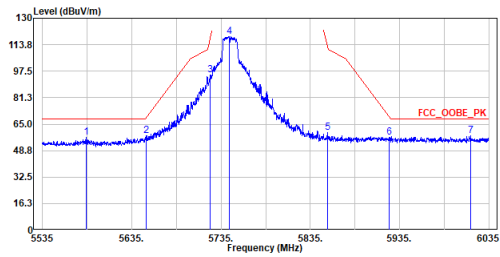
| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 10420.000 | 50.05  | 68.20      | -18.15     | 55.31      | -5.26  | Peak   |
| 2   | 15630.000 | 57.78  | 74.00      | -16.22     | 56.95      | 0.83   | Peak   |

Note:

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

### For 5GHz Band 4:

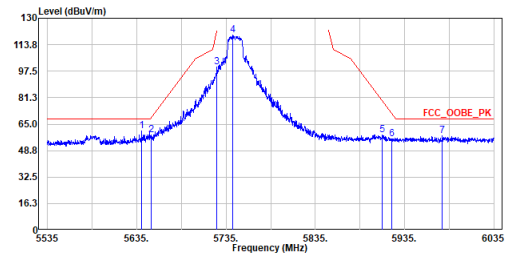
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5745MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5584.000  | 56.84  | 68.20  | -11.36 | 32.83 | 24.01  | Peak   |
| 2   | 5651.500  | 58.11  | 69.32  | -11.21 | 33.87 | 24.24  | Peak   |
| 3   | 5722.750  | 95.25  | 117.07 | -21.82 | 70.76 | 24.49  | Peak   |
| 4   | 5744.500  | 118.79 | 68.20  | 50.59  | 94.22 | 24.57  | Peak   |
| 5   | 5854.750  | 59.99  | 111.37 | -51.38 | 35.04 | 24.95  | Peak   |
| 6   | 5923.000  | 57.10  | 69.69  | -12.59 | 31.92 | 25.18  | Peak   |
| 7   | 6015.000  | 57.87  | 68.20  | -10.33 | 32.34 | 25.53  | Peak   |

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

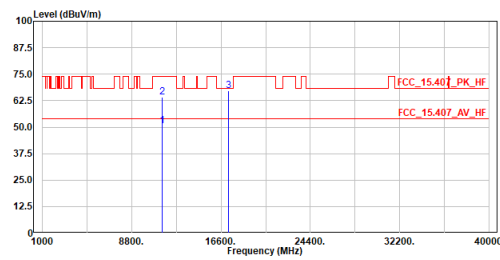
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5745MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5640.500  | 60.59  | 68.20  | -7.61  | 36.38 | 24.21  | Peak   |
| 2   | 5651.000  | 58.41  | 68.95  | -10.54 | 34.17 | 24.24  | Peak   |
| 3   | 5724.750  | 100.28 | 121.63 | -21.35 | 75.78 | 24.50  | Peak   |
| 4   | 5742.500  | 119.64 | 68.20  | 51.44  | 95.08 | 24.56  | Peak   |
| 5   | 5910.000  | 58.39  | 79.31  | -20.92 | 33.25 | 25.14  | Peak   |
| 6   | 5921.000  | 56.12  | 71.17  | -15.05 | 30.94 | 25.18  | Peak   |
| 7   | 5977.250  | 57.87  | 68.20  | -10.33 | 32.50 | 25.37  | Peak   |

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

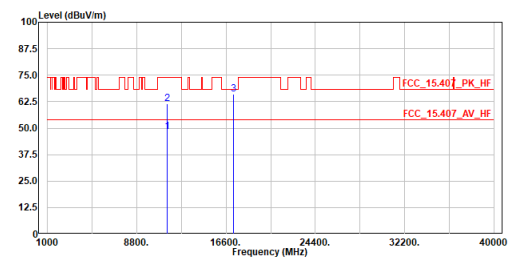
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5745MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 11490.000 | 50.72  | 54.00  | -3.28  | 54.20 | -3.48  | Average |
| 2   | 11490.000 | 63.99  | 74.00  | -10.01 | 67.47 | -3.48  | Peak    |
| 3   | 17235.000 | 67.07  | 68.20  | -1.13  | 66.34 | 0.73   | Peak    |

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

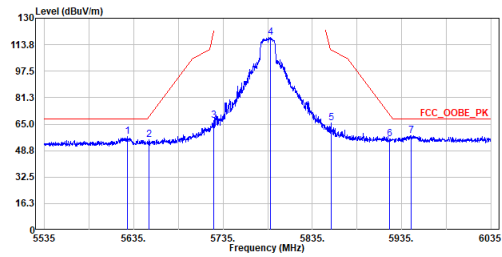
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5745MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 11490.000 | 48.13  | 54.00  | -5.87  | 51.61 | -3.48  | Average |
| 2   | 11490.000 | 61.33  | 74.00  | -12.67 | 64.81 | -3.48  | Peak    |
| 3   | 17235.000 | 65.98  | 68.20  | -2.22  | 65.25 | 0.73   | Peak    |

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

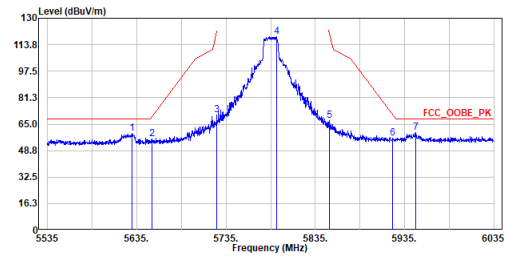
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5785MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5628.250  | 57.61  | 68.20      | -10.59     | 33.45      | 24.16  | Peak   |
| 2   | 5652.000  | 55.22  | 69.69      | -14.47     | 30.98      | 24.24  | Peak   |
| 3   | 5725.000  | 67.02  | 122.20     | -55.18     | 42.52      | 24.50  | Peak   |
| 4   | 5787.750  | 118.37 | 68.20      | 50.17      | 93.66      | 24.71  | Peak   |
| 5   | 5855.750  | 65.80  | 110.59     | -44.79     | 40.85      | 24.95  | Peak   |
| 6   | 5921.250  | 56.12  | 70.98      | -14.86     | 30.94      | 25.18  | Peak   |
| 7   | 5945.500  | 58.01  | 68.20      | -10.19     | 32.75      | 25.26  | 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.

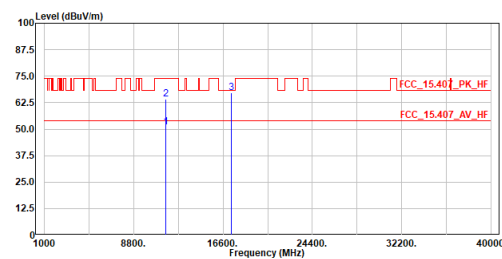
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5785MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5629.750  | 59.26  | 68.20      | -8.94      | 35.09      | 24.17  | Peak   |
| 2   | 5652.250  | 55.75  | 69.87      | -14.12     | 31.51      | 24.24  | Peak   |
| 3   | 5724.500  | 70.74  | 121.06     | -50.32     | 46.24      | 24.50  | Peak   |
| 4   | 5791.500  | 118.83 | 68.20      | 50.63      | 94.10      | 24.73  | Peak   |
| 5   | 5850.500  | 66.98  | 121.06     | -54.08     | 42.05      | 24.93  | Peak   |
| 6   | 5921.250  | 56.24  | 70.98      | -14.74     | 31.06      | 25.18  | Peak   |
| 7   | 5947.750  | 59.64  | 68.20      | -8.56      | 34.37      | 25.27  | Peak   |

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

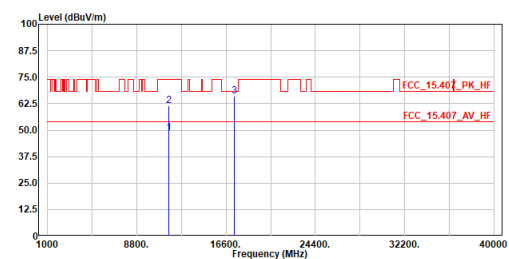
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5785MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 11570.000 | 51.08  | 54.00      | -2.92      | 54.46      | -3.38  | Average |
| 2   | 11570.000 | 64.02  | 74.00      | -9.98      | 67.40      | -3.38  | Peak    |
| 3   | 17355.000 | 67.13  | 68.20      | -1.07      | 66.26      | 0.87   | Peak    |

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

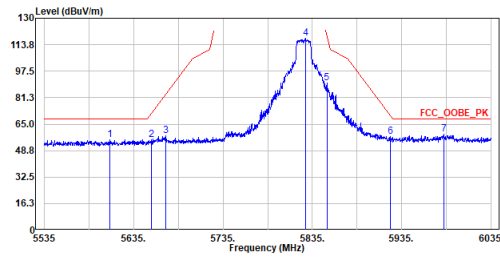
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5785MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 11570.000 | 48.83  | 54.00      | -5.17      | 52.21      | -3.38  | Average |
| 2   | 11570.000 | 61.39  | 74.00      | -12.61     | 64.77      | -3.38  | Peak    |
| 3   | 17355.000 | 66.02  | 68.20      | -2.18      | 65.15      | 0.87   | Peak    |

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

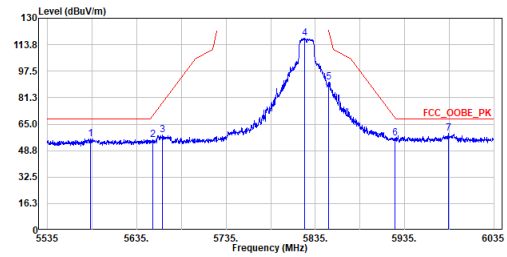
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5825MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5608.250  | 55.32  | 68.20  | -12.88 | 31.23 | 24.09  | Peak   |
| 2   | 5655.000  | 55.19  | 71.91  | -16.72 | 30.94 | 24.25  | Peak   |
| 3   | 5670.750  | 57.74  | 83.56  | -25.82 | 33.43 | 24.31  | Peak   |
| 4   | 5827.250  | 117.51 | 68.20  | 49.31  | 92.65 | 24.86  | Peak   |
| 5   | 5851.250  | 90.25  | 119.35 | -29.10 | 65.32 | 24.93  | Peak   |
| 6   | 5922.500  | 57.20  | 70.06  | -12.86 | 32.02 | 25.18  | Peak   |
| 7   | 5982.000  | 58.94  | 68.20  | -9.26  | 33.55 | 25.39  | Peak   |

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

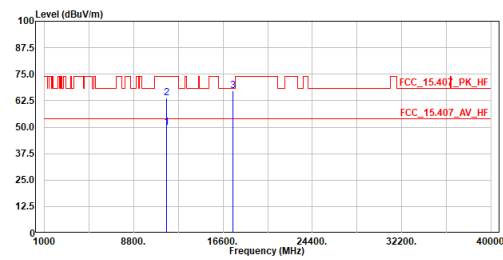
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5825MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5583.000  | 56.14  | 68.20  | -12.06 | 32.14 | 24.00  | Peak   |
| 2   | 5652.750  | 55.34  | 70.24  | -14.90 | 31.09 | 24.25  | Peak   |
| 3   | 5664.000  | 58.21  | 78.57  | -20.36 | 33.92 | 24.29  | Peak   |
| 4   | 5822.750  | 117.80 | 68.20  | 49.60  | 92.97 | 24.83  | Peak   |
| 5   | 5850.000  | 90.92  | 122.20 | -31.28 | 65.99 | 24.93  | Peak   |
| 6   | 5924.000  | 56.49  | 68.95  | -12.46 | 31.31 | 25.18  | Peak   |
| 7   | 5984.000  | 59.28  | 68.20  | -8.92  | 33.89 | 25.39  | Peak   |

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

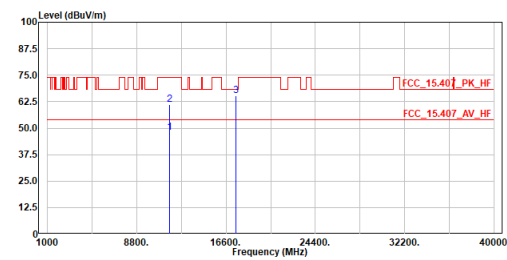
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :a\_TX\_5825MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 11650.000 | 49.88  | 54.00  | -4.12  | 53.16 | -3.28  | Average |
| 2   | 11650.000 | 63.87  | 74.00  | -10.13 | 67.15 | -3.28  | Peak    |
| 3   | 17475.000 | 67.02  | 68.20  | -1.18  | 66.01 | 1.01   | 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.

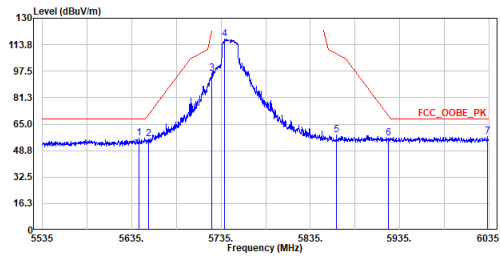
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :a\_TX\_5825MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 11650.000 | 47.87  | 54.00  | -6.13  | 51.15 | -3.28  | Average |
| 2   | 11650.000 | 60.99  | 74.00  | -13.01 | 64.27 | -3.28  | Peak    |
| 3   | 17475.000 | 65.10  | 68.20  | -3.10  | 64.09 | 1.01   | 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.

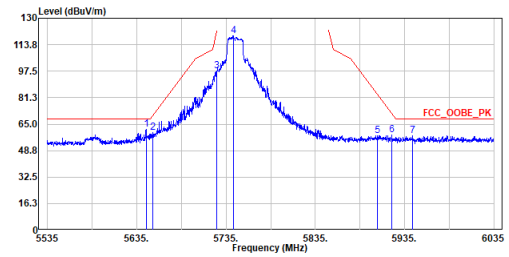
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5745MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5643.000  | 56.49  | 68.20      | -11.71     | 32.28      | 24.21  | Peak   |
| 2   | 5654.000  | 55.76  | 71.17      | -15.41     | 31.51      | 24.25  | Peak   |
| 3   | 5724.750  | 96.09  | 121.63     | -25.54     | 71.59      | 24.50  | Peak   |
| 4   | 5739.000  | 117.46 | -----      | -----      | 92.91      | 24.55  | Peak   |
| 5   | 5864.250  | 58.26  | 108.21     | -49.95     | 33.29      | 24.97  | Peak   |
| 6   | 5922.750  | 56.55  | 69.87      | -13.32     | 31.37      | 25.18  | Peak   |
| 7   | 6033.250  | 57.26  | 68.20      | -10.94     | 31.62      | 25.64  | Peak   |

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

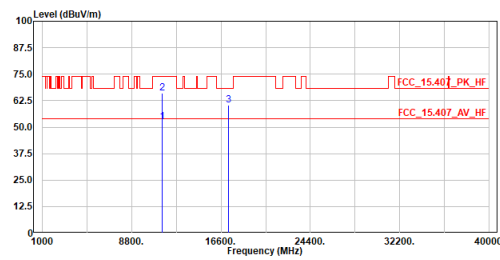
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5745MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5645.500  | 61.60  | 68.20      | -6.60      | 37.38      | 24.22  | Peak   |
| 2   | 5653.250  | 59.96  | 70.61      | -10.65     | 35.71      | 24.25  | Peak   |
| 3   | 5725.000  | 97.82  | 122.20     | -24.38     | 73.32      | 24.50  | Peak   |
| 4   | 5743.500  | 119.29 | -----      | -----      | 94.72      | 24.57  | Peak   |
| 5   | 5904.500  | 57.92  | 83.37      | -25.45     | 32.80      | 25.12  | Peak   |
| 6   | 5920.750  | 58.47  | 71.35      | -12.88     | 33.29      | 25.18  | Peak   |
| 7   | 5944.000  | 57.89  | 68.20      | -10.31     | 32.63      | 25.26  | 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.

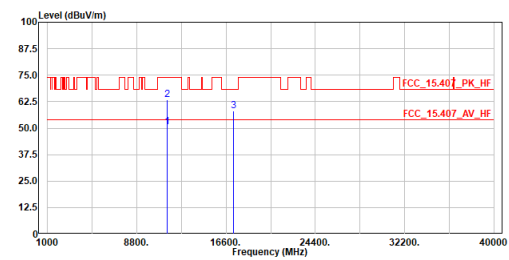
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5745MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 11490.000 | 52.62  | 54.00      | -1.38      | 56.10      | -3.48  | Average |
| 2   | 11490.000 | 65.90  | 74.00      | -8.10      | 69.38      | -3.48  | Peak    |
| 3   | 17235.000 | 68.34  | 68.20      | -7.86      | 59.61      | 0.73   | Peak    |

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5745MHz  
 Test by :Cyril

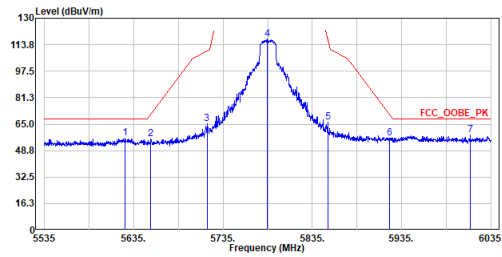


| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 11490.000 | 50.55  | 54.00      | -3.45      | 54.03      | -3.48  | Average |
| 2   | 11490.000 | 63.48  | 74.00      | -10.52     | 66.96      | -3.48  | Peak    |
| 3   | 17235.000 | 57.95  | 68.20      | -10.25     | 57.22      | 0.73   | Peak    |

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



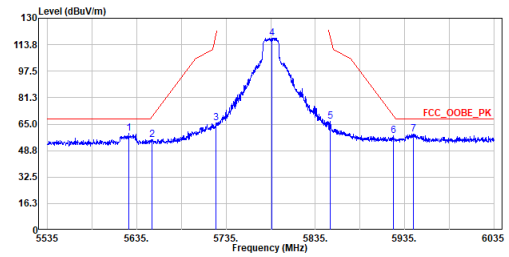
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5785MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5625.250  | 56.21  | 68.20      | -11.99     | 32.05      | 24.16  | Peak   |
| 2   | 5653.750  | 55.82  | 70.98      | -15.16     | 31.57      | 24.25  | Peak   |
| 3   | 5717.000  | 65.30  | 109.96     | -44.66     | 40.83      | 24.47  | Peak   |
| 4   | 5784.750  | 117.43 | -----      | 92.72      | 24.71      | Peak   | Peak   |
| 5   | 5852.750  | 66.09  | 115.93     | -49.84     | 41.14      | 24.95  | Peak   |
| 6   | 5921.750  | 56.51  | 70.61      | -14.10     | 31.33      | 25.18  | Peak   |
| 7   | 6012.000  | 58.37  | 68.20      | -9.83      | 32.06      | 25.51  | Peak   |

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

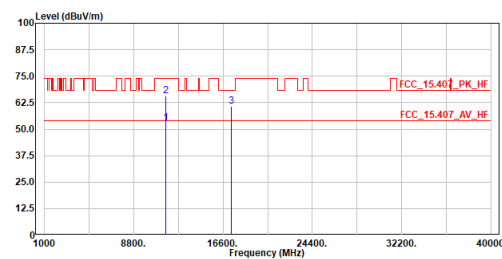
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5785MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark |
|-----|-----------|--------|------------|------------|------------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |        |
| 1   | 5626.000  | 59.43  | 68.20      | -8.77      | 35.27      | 24.16  | Peak   |
| 2   | 5652.250  | 55.63  | 69.87      | -14.24     | 31.39      | 24.24  | Peak   |
| 3   | 5724.000  | 65.75  | 119.92     | -54.17     | 41.26      | 24.49  | Peak   |
| 4   | 5786.250  | 117.86 | -----      | 93.15      | 24.71      | Peak   | Peak   |
| 5   | 5851.750  | 66.58  | 118.21     | -51.63     | 41.65      | 24.93  | Peak   |
| 6   | 5922.000  | 57.95  | 70.43      | -12.48     | 32.77      | 25.18  | Peak   |
| 7   | 5944.750  | 59.10  | 68.20      | -9.10      | 33.84      | 25.26  | 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.

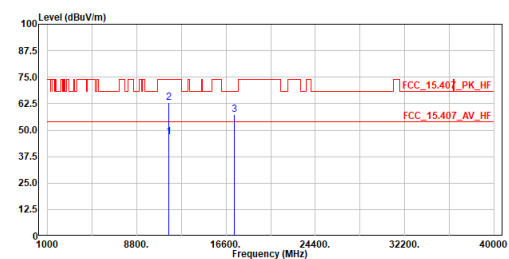
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5785MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 11570.000 | 52.92  | 54.00      | -1.08      | 56.30      | -3.38  | Average |
| 2   | 11570.000 | 65.83  | 74.00      | -8.17      | 69.21      | -3.38  | Peak    |
| 3   | 17355.000 | 60.65  | 68.20      | -7.55      | 59.78      | 0.87   | Peak    |

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

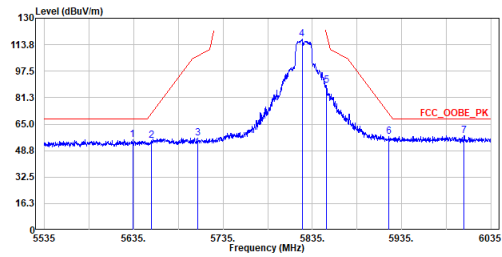
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5785MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
|-----|-----------|--------|------------|------------|------------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m     | dB         | dBuV       | dB     |         |
| 1   | 11570.000 | 46.74  | 54.00      | -7.26      | 50.12      | -3.38  | Average |
| 2   | 11570.000 | 63.15  | 74.00      | -10.85     | 66.53      | -3.38  | Peak    |
| 3   | 17355.000 | 57.36  | 68.20      | -10.84     | 56.49      | 0.87   | Peak    |

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5825MHz  
 Test by :Cyril

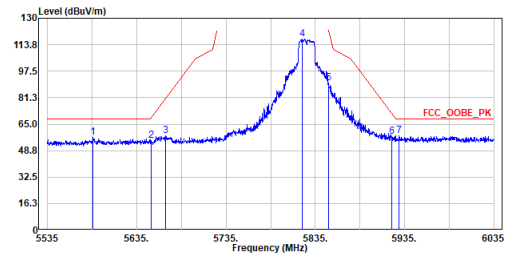


| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5633.750  | 55.52  | 68.20  | -12.68 | 31.35 | 24.17  | Peak   |
| 2   | 5654.500  | 55.12  | 71.54  | -16.42 | 30.87 | 24.25  | Peak   |
| 3   | 5707.000  | 56.46  | 107.16 | -50.70 | 32.02 | 24.44  | Peak   |
| 4   | 5823.500  | 117.32 | -----  | -----  | 92.48 | 24.84  | Peak   |
| 5   | 5850.500  | 88.77  | 121.06 | -32.29 | 63.84 | 24.93  | Peak   |
| 6   | 5921.000  | 57.20  | 71.17  | -13.97 | 32.02 | 25.18  | Peak   |
| 7   | 6005.000  | 57.97  | 68.20  | -10.23 | 32.50 | 25.47  | 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-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5825MHz  
 Test by :Cyril

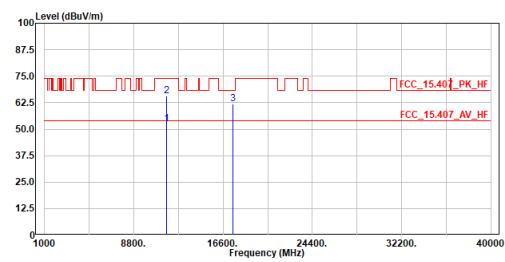


| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5586.250  | 57.01  | 68.20  | -11.19 | 32.99 | 24.02  | Peak   |
| 2   | 5651.500  | 55.15  | 69.32  | -14.17 | 30.91 | 24.24  | Peak   |
| 3   | 5667.000  | 58.10  | 80.78  | -22.68 | 33.80 | 24.30  | Peak   |
| 4   | 5820.250  | 117.18 | -----  | -----  | 92.36 | 24.82  | Peak   |
| 5   | 5850.000  | 90.34  | 122.20 | -31.86 | 65.41 | 24.93  | Peak   |
| 6   | 5920.250  | 57.60  | 71.72  | -14.12 | 32.43 | 25.17  | Peak   |
| 7   | 5928.750  | 57.78  | 68.20  | -10.42 | 32.58 | 25.20  | Peak   |

Note:

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

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5825MHz  
 Test by :Cyril

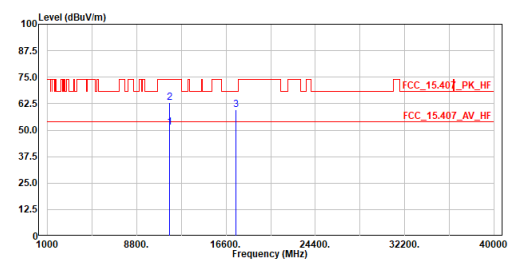


| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 11650.000 | 52.57  | 54.00  | -1.43 | 55.85 | -3.28  | Average |
| 2   | 11650.000 | 65.68  | 74.00  | -8.32 | 68.96 | -3.28  | Peak    |
| 3   | 17475.000 | 61.95  | 68.20  | -6.25 | 60.94 | 1.01   | 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-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5825MHz  
 Test by :Cyril

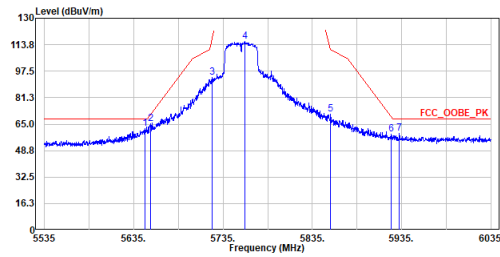


| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 11650.000 | 51.20  | 54.00  | -2.80  | 54.48 | -3.28  | Average |
| 2   | 11650.000 | 63.07  | 74.00  | -10.93 | 66.35 | -3.28  | Peak    |
| 3   | 17475.000 | 59.80  | 68.20  | -8.40  | 58.79 | 1.01   | 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.

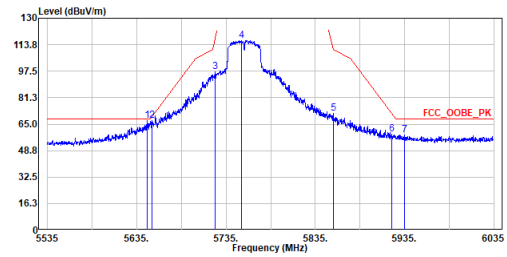
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5755MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5647.500  | 62.34  | 68.20  | -5.86  | 38.11 | 24.23  | Peak   |
| 2   | 5654.250  | 65.02  | 71.35  | -6.33  | 40.77 | 24.25  | Peak   |
| 3   | 5722.750  | 93.56  | 117.07 | -23.51 | 69.07 | 24.49  | Peak   |
| 4   | 5759.250  | 115.55 | -----  | -----  | 90.94 | 24.61  | Peak   |
| 5   | 5855.250  | 71.31  | 110.73 | -39.42 | 46.36 | 24.95  | Peak   |
| 6   | 5923.000  | 59.06  | 69.69  | -10.63 | 33.88 | 25.18  | Peak   |
| 7   | 5932.250  | 59.16  | 68.20  | -9.04  | 33.94 | 25.22  | Peak   |

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

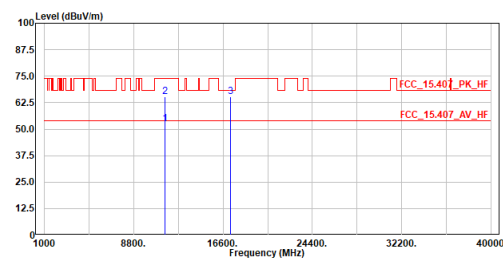
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5755MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5646.500  | 67.11  | 68.20  | -1.09  | 42.89 | 24.22  | Peak   |
| 2   | 5651.750  | 66.99  | 69.50  | -2.51  | 42.75 | 24.24  | Peak   |
| 3   | 5722.750  | 97.18  | 117.07 | -19.89 | 72.69 | 24.49  | Peak   |
| 4   | 5752.500  | 116.38 | -----  | -----  | 91.78 | 24.60  | Peak   |
| 5   | 5855.250  | 71.70  | 110.73 | -39.03 | 46.75 | 24.95  | Peak   |
| 6   | 5920.750  | 59.08  | 71.35  | -12.27 | 33.90 | 25.18  | Peak   |
| 7   | 5935.000  | 58.25  | 68.20  | -9.95  | 33.02 | 25.23  | Peak   |

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

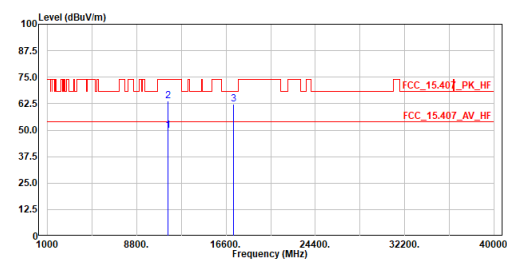
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5755MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 11510.000 | 52.53  | 54.00  | -1.47 | 55.98 | -3.45  | Average |
| 2   | 11510.000 | 65.29  | 74.00  | -8.71 | 68.74 | -3.45  | Peak    |
| 3   | 17265.000 | 65.44  | 68.20  | -2.76 | 64.67 | 0.77   | Peak    |

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

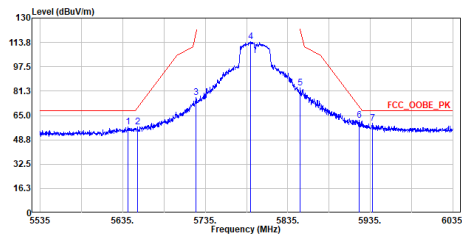
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5755MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | Mhz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 11510.000 | 49.80  | 54.00  | -4.20  | 53.25 | -3.45  | Average |
| 2   | 11510.000 | 63.60  | 74.00  | -10.40 | 67.05 | -3.45  | Peak    |
| 3   | 17265.000 | 62.36  | 68.20  | -5.84  | 61.59 | 0.77   | Peak    |

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

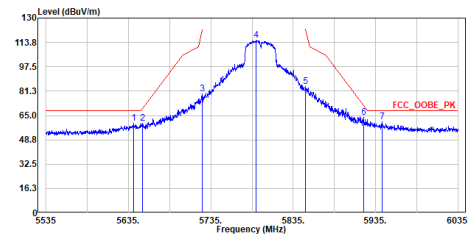
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5795MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5641.250  | 57.28  | 68.20  | -10.92 | 33.07 | 24.21  | Peak   |
| 2   | 5653.000  | 57.36  | 70.43  | -13.07 | 33.11 | 24.25  | Peak   |
| 3   | 5724.000  | 76.89  | 119.92 | -43.03 | 52.40 | 24.49  | Peak   |
| 4   | 5790.000  | 114.14 | -----  | -----  | 89.41 | 24.73  | Peak   |
| 5   | 5850.000  | 83.31  | 122.20 | -38.89 | 58.38 | 24.93  | Peak   |
| 6   | 5921.750  | 62.01  | 70.61  | -8.60  | 36.83 | 25.18  | Peak   |
| 7   | 5937.750  | 59.70  | 68.20  | -8.50  | 34.47 | 25.23  | Peak   |

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

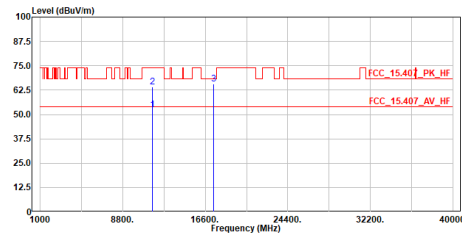
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5795MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark |
|-----|-----------|--------|--------|--------|-------|--------|--------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |        |
| 1   | 5641.000  | 59.83  | 68.20  | -8.37  | 35.62 | 24.21  | Peak   |
| 2   | 5652.000  | 59.68  | 69.69  | -10.01 | 35.44 | 24.24  | Peak   |
| 3   | 5724.500  | 79.33  | 121.06 | -41.73 | 54.83 | 24.50  | Peak   |
| 4   | 5789.750  | 115.21 | -----  | -----  | 90.48 | 24.73  | Peak   |
| 5   | 5850.250  | 84.56  | 121.63 | -37.07 | 59.63 | 24.93  | Peak   |
| 6   | 5920.250  | 63.65  | 71.72  | -8.07  | 38.48 | 25.17  | Peak   |
| 7   | 5943.250  | 60.83  | 68.20  | -7.37  | 35.57 | 25.26  | 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.

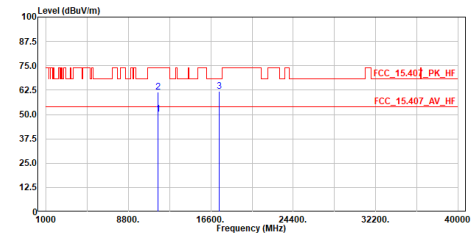
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5795MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over  | Read  | Factor | Remark  |
|-----|-----------|--------|--------|-------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB    | dBuV  | dB     |         |
| 1   | 11590.000 | 52.51  | 54.00  | -1.49 | 55.86 | -3.35  | Average |
| 2   | 11590.000 | 64.30  | 74.00  | -9.70 | 67.65 | -3.35  | Peak    |
| 3   | 17385.000 | 65.70  | 68.20  | -2.50 | 64.79 | 0.91   | Peak    |

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

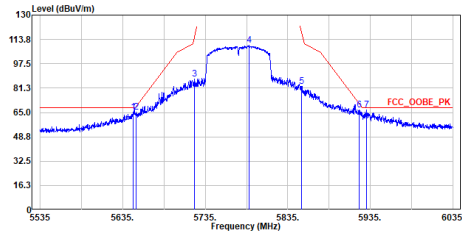
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5795MHz  
 Test by :Cyril



| No. | Frequency | Level  | Limit  | Over   | Read  | Factor | Remark  |
|-----|-----------|--------|--------|--------|-------|--------|---------|
|     | MHz       | dBuV/m | dBuV/m | dB     | dBuV  | dB     |         |
| 1   | 11590.000 | 50.26  | 54.00  | -3.74  | 53.61 | -3.35  | Average |
| 2   | 11590.000 | 61.48  | 74.00  | -12.52 | 64.83 | -3.35  | Peak    |
| 3   | 17385.000 | 61.78  | 68.20  | -6.42  | 60.87 | 0.91   | Peak    |

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

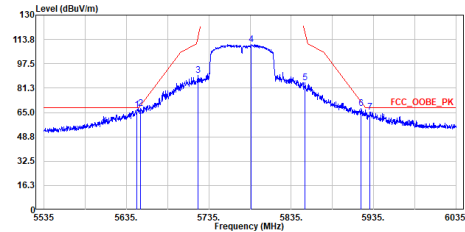
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5775MHz  
 Test by :Cyril



| 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   | 5648.000         | 65.06           | 68.20                   | -3.14               | 40.82                 | 24.24        | Peak   |
| 2   | 5651.250         | 65.01           | 69.13                   | -4.12               | 40.77                 | 24.24        | Peak   |
| 3   | 5721.500         | 87.13           | 114.22                  | -27.09              | 62.64                 | 24.49        | Peak   |
| 4   | 5788.500         | 109.65          | -----                   | -----               | 84.93                 | 24.72        | Peak   |
| 5   | 5851.750         | 82.56           | 118.21                  | -35.65              | 57.63                 | 24.93        | Peak   |
| 6   | 5921.750         | 66.88           | 70.61                   | -3.73               | 41.70                 | 25.18        | Peak   |
| 7   | 5930.500         | 66.90           | 68.20                   | -1.30               | 41.68                 | 25.22        | Peak   |

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

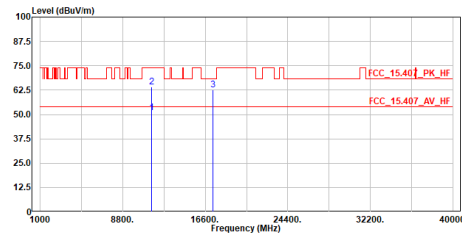
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5775MHz  
 Test by :Cyril



| 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   | 5647.750         | 66.81           | 68.20                   | -1.39               | 42.57                 | 24.24        | Peak   |
| 2   | 5651.750         | 67.54           | 69.50                   | -1.96               | 43.30                 | 24.24        | Peak   |
| 3   | 5721.750         | 89.73           | 114.79                  | -25.06              | 65.24                 | 24.49        | Peak   |
| 4   | 5786.250         | 110.39          | -----                   | -----               | 85.68                 | 24.71        | Peak   |
| 5   | 5851.500         | 85.04           | 118.78                  | -33.74              | 60.11                 | 24.93        | Peak   |
| 6   | 5920.000         | 67.81           | 71.91                   | -4.10               | 42.64                 | 25.17        | Peak   |
| 7   | 5930.750         | 65.44           | 68.20                   | -2.76               | 40.22                 | 25.22        | Peak   |

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

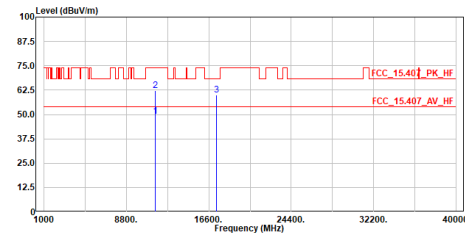
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5775MHz  
 Test by :Cyril



| 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   | 11550.000        | 50.86           | 54.00                   | -3.14               | 54.26                 | -3.40        | Average |
| 2   | 11550.000        | 63.99           | 74.00                   | -10.01              | 67.39                 | -3.40        | Peak    |
| 3   | 17325.000        | 62.74           | 68.20                   | -5.46               | 61.91                 | 0.83         | Peak    |

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

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5775MHz  
 Test by :Cyril



| 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   | 11550.000        | 49.11           | 54.00                   | -4.89               | 52.51                 | -3.40        | Average |
| 2   | 11550.000        | 62.13           | 74.00                   | -11.87              | 65.53                 | -3.40        | Peak    |
| 3   | 17325.000        | 59.91           | 68.20                   | -8.29               | 59.08                 | 0.83         | Peak    |

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