

## Partial FCC Test Report

**Report No.:** RF200803C11-2

**FCC ID:** TX2-RTL8822CE

**Test Model:** RTL8822CE

**Received Date:** Aug. 03, 2020

**Test Date:** Aug. 07, 2020 ~ Sep. 10, 2020

**Issued Date:** Sep. 11, 2020

**Applicant:** Realtek Semiconductor Corp.

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**Issued By:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch  
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**FCC Registration /**  
**Designation Number:** 788550 / TW0003



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### Release Control Record

| Issue No.     | Description      | Date Issued   |
|---------------|------------------|---------------|
| RF200803C11-2 | Original Release | Sep. 11, 2020 |

## 1 Certificate of Conformity

**Product:** 802.11 a/b/g/n/ac RTL8822CE Combo Module

**Brand:** Realtek

**Test Model:** RTL8822CE

**Sample Status:** Engineering Sample

**Applicant:** Realtek Semiconductor Corp.

**Test Date:** Aug. 07, 2020 ~ Sep. 10, 2020

**Standards:** 47 CFR FCC Part 15, Subpart E (Section 15.407)  
ANSI C63.10:2013

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

**Prepared by :** Shelly Hsueh, **Date:** Sep. 11, 2020  
Shelly Hsueh / Specialist

**Approved by :** Dylan Chiou, **Date:** Sep. 11, 2020  
Dylan Chiou / Senior Project Engineer

## 2 Summary of Test Results

| 47 CFR FCC Part 15, Subpart E (Section 15.407) |                                            |        |                                                                                    |
|------------------------------------------------|--------------------------------------------|--------|------------------------------------------------------------------------------------|
| FCC Clause                                     | Test Item                                  | Result | Remarks                                                                            |
| 15.407(b)(6)                                   | AC Power Conducted Emissions               | Pass   | Meet the requirement of limit. Minimum passing margin is -14.26 dB at 0.17800 MHz. |
| 15.407(b) (1/2/3/4(i/ii)/6)                    | Radiated Emissions & Band Edge Measurement | Pass   | Meet the requirement of limit. Minimum passing margin is -2.9 dB at 49.68 MHz.     |
| 15.407(a)(1/2/3)                               | Max Average Transmit Power                 | Pass   | Meet the requirement of limit.                                                     |
| ---                                            | Occupied Bandwidth Measurement             | -      | Reference only                                                                     |
| 15.407(a)(1/2/3)                               | Peak Power Spectral Density                | N/A    | Refer to Note                                                                      |
| 15.407(e)                                      | 6 dB Bandwidth                             | N/A    | Refer to Note                                                                      |
| 15.407(g)                                      | Frequency Stability                        | N/A    | Refer to Note                                                                      |
| 15.203                                         | Antenna Requirement                        | Pass   | Antenna connector is I-PEX not a standard connector.                               |

Note:

1. This report is a partial report, only test item of Conducted Emission, Radiated Emissions and Maximum Peak Output Power were performed for this report. Other testing data please refer to BV CPS report no.: RF180816E04-1 for module (Brand: Realtek, Model: RTL8822CE).
2. For U-NII-3 band compliance with rule part 15.407(b)(4)(i), the OOB test plots were recorded in Annex A.
3. For U-NII-1, U-NII-2A, U-NII-2C band compliance with rule 15.407(b) of the band-edge items, the test plots were recorded in Annex B. Test Procedures refer to report 4.1.3.
4. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

### 2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| Measurement                        | Frequency          | Expanded Uncertainty (k=2) (±) |
|------------------------------------|--------------------|--------------------------------|
| Conducted Emissions at mains ports | 150 kHz ~ 30 MHz   | 2.79 dB                        |
| Radiated Emissions up to 1 GHz     | 9 kHz ~ 30 MHz     | 3.04 dB                        |
|                                    | 30 MHz ~ 200 MHz   | 2.93 dB                        |
|                                    | 200 MHz ~ 1000 MHz | 2.95 dB                        |
| Radiated Emissions above 1 GHz     | 1 GHz ~ 18 GHz     | 2.26 dB                        |
|                                    | 18 GHz ~ 40 GHz    | 1.94 dB                        |

## 2.2 Modification Record

There were no modifications required for compliance.

### 3 General Information

#### 3.1 General Description of EUT

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product</b>               | 802.11 a/b/g/n/ac RTL8822CE Combo Module                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Brand</b>                 | Realtek                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Test Model</b>            | RTL8822CE                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Status of EUT</b>         | Engineering Sample                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Power Supply Rating</b>   | 3.3Vdc form host equipment                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Modulation Type</b>       | 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Modulation Technology</b> | OFDM                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Transfer Rate</b>         | 802.11a: 54.0/ 48.0/ 36.0/ 24.0/ 18.0/ 12.0/ 9.0/ 6.0 Mbps<br>802.11n: up to 300 Mbps<br>802.11ac: up to 866.7 Mbps                                                                                                                                                                                                                                                                                                            |
| <b>Operating Frequency</b>   | 5180 ~ 5250 MHz, 5250 ~ 5320 MHz, 5500 ~ 5720 MHz,<br>5745 ~ 5825 MHz                                                                                                                                                                                                                                                                                                                                                          |
| <b>Number of Channel</b>     | 5180 ~ 5320 MHz:<br>8 for 802.11a, 802.11n (HT20), 802.11ac (VHT20)<br>4 for 802.11n (HT40), 802.11ac (VHT40)<br>2 for 802.11ac (VHT80)<br>5500 ~ 5720 MHz:<br>12 for 802.11a, 802.11n (HT20), 802.11ac (VHT20)<br>6 for 802.11n (HT40), 802.11ac (VHT40)<br>3 for 802.11ac (VHT80)<br>5745 ~ 5825 MHz:<br>5 for 802.11a, 802.11n (HT20), 802.11ac (VHT20)<br>2 for 802.11n (HT40), 802.11ac (VHT40)<br>1 for 802.11ac (VHT80) |
| <b>Output Power</b>          | 34.83 mW for 5180 ~ 5250 MHz<br>34.51 mW for 5260 ~ 5320 MHz<br>35.32 mW for 5500 ~ 5720 MHz<br>34.67 mW for 5745 ~ 5825 MHz                                                                                                                                                                                                                                                                                                   |
| <b>Antenna Type</b>          | Refer to Note as below                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Antenna Connector</b>     | Refer to Note as below                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Accessory Device</b>      | N/A                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Data Cable Supplied</b>   | N/A                                                                                                                                                                                                                                                                                                                                                                                                                            |

**Note:**

1. The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers.

| Modulation Mode  | Tx Function |
|------------------|-------------|
| 802.11a          | 2TX         |
| 802.11n (HT20)   | 2TX         |
| 802.11n (HT40)   | 2TX         |
| 802.11ac (VHT20) | 2TX         |
| 802.11ac (VHT40) | 2TX         |
| 802.11ac (VHT80) | 2TX         |

\* 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. (Final test mode refer section 3.2.1)

2. The EUT is authorized for use in specific End-product. Please refer to below table for more details.

| Product           | Brand  | Model                        |
|-------------------|--------|------------------------------|
| Notebook Computer | Lenovo | ThinkBook 14s Yoga ITL ***** |

Note: \* = 0-9, A-Z, a-z, "-" or blank, for marketing use only, with no impact on RF compliance of the product.

3. The following accessories were for the End-product.

| Product | Brand  | Model       | Description                                                                        |
|---------|--------|-------------|------------------------------------------------------------------------------------|
| Adapter | Lenovo | ADLX65YDC3D | I/P: 100-240 Vac, 50-60 Hz, 1.8 A<br>O/P: 20 Vdc, 3.25 A<br>1.8m cable with 1 core |
| Battery | Lenovo | L19M4PDB    | 3907mAh, 60Wh, 15.36Vdc                                                            |

4. The antenna information is listed as below.

| WLAN Antenna |                               |              |                              |                    |                    |                     |                     |
|--------------|-------------------------------|--------------|------------------------------|--------------------|--------------------|---------------------|---------------------|
| Ant. Type    | Manufacturer                  | Parts Number |                              | Antenna Gain (dBi) |                    |                     |                     |
|              |                               |              |                              | BT/WLAN 2.4 GHz    | WLAN 5.15-5.35 GHz | WLAN 5.47-5.725 GHz | WLAN 5.725-5.85 GHz |
| PIFA         | South Star                    | Main         | DC33002GO00/<br>N12-6584-R0A | -1.72              | 0.75               | 1.81                | 0.59                |
|              |                               | Aux.         | DC33002GO10/<br>N12-6585-R0A | -2.85              | -0.78              | -0.79               | 0.04                |
| PIFA         | High-Tek Electronics Co., Ltd | Main         | DC33002GP00/<br>0ACCN020003N | -0.39              | -0.34              | 0.65                | 0.54                |
|              |                               | Aux.         | DC33002GP10/<br>0ACCN020004N | -2.03              | 0.45               | -0.58               | -0.65               |

5. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible
6. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

### 3.2 Description of Test Modes

#### For 5180 ~ 5320 MHz

8 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 36      | 5180            | 52      | 5260            |
| 40      | 5200            | 56      | 5280            |
| 44      | 5220            | 60      | 5300            |
| 48      | 5240            | 64      | 5320            |

4 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 38      | 5190            | 54      | 5270            |
| 46      | 5230            | 62      | 5310            |

2 channel is provided for 802.11ac (VHT80):

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 42      | 5210            | 58      | 5290            |

### For 5500 ~ 5720 MHz

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 100     | 5500            | 124     | 5620            |
| 104     | 5520            | 128     | 5640            |
| 108     | 5540            | 132     | 5660            |
| 112     | 5560            | 136     | 5680            |
| 116     | 5580            | 140     | 5700            |
| 120     | 5600            | 144     | 5720            |

6 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 102     | 5510            | 126     | 5630            |
| 110     | 5550            | 134     | 5670            |
| 118     | 5590            | 142     | 5710            |

3 channels are provided for 802.11ac (VHT80):

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 106     | 5530            | 138     | 5690            |
| 122     | 5610            |         |                 |

### For 5745 ~ 5825 MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 149     | 5745            | 161     | 5805            |
| 153     | 5765            | 165     | 5825            |
| 157     | 5785            |         |                 |

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 151     | 5755            | 159     | 5795            |

1 channel is provided for 802.11ac (VHT80):

| Channel | Frequency (MHz) |
|---------|-----------------|
| 155     | 5775            |

### 3.2.1 Test Mode Applicability and Tested Channel Detail

| EUT Configure Mode | Applicable To |       |     |       | Description              |
|--------------------|---------------|-------|-----|-------|--------------------------|
|                    | RE $\geq$ 1G  | RE<1G | PLC | Power |                          |
| A                  | √             | √     | √   | √     | EUT with South Star ant. |
| B                  | √             | √     | √   | √     | EUT with HTK ant         |

Where **RE $\geq$ 1G:** Radiated Emission above 1 GHz

**RE<1G:** Radiated Emission below 1 GHz

**PLC:** Power Line Conducted Emission

**Power:** Maximum Output Power Measurement

**Note:** “-” means no effect.

**Note:** For radiated emission (below 1GHz) and power line conducted emission test items chosen the worst maximum power.

#### **Radiated Emission Test (Above 1 GHz):**

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Frequency Band (MHz) | Mode             | Available Channel | Tested Channel         | Modulation Technology | Modulation Type | Data Rate (Mbps) |
|--------------------|----------------------|------------------|-------------------|------------------------|-----------------------|-----------------|------------------|
| A, B               | 5180-5320            | 802.11a          | 36 to 64          | 36, 40, 48, 52, 60, 64 | OFDM                  | BPSK            | 6.0              |
|                    |                      | 802.11ac (VHT20) | 36 to 64          | 36, 40, 48, 52, 60, 64 | OFDM                  | BPSK            | 6.5              |
|                    |                      | 802.11ac (VHT40) | 38 to 62          | 38, 46, 54, 62         | OFDM                  | BPSK            | 13.5             |
|                    |                      | 802.11ac (VHT80) | 42 to 58          | 42, 58                 | OFDM                  | BPSK            | 29.3             |
|                    | 5500-5720            | 802.11a          | 100 to 144        | 100, 116, 140, 144     | OFDM                  | BPSK            | 6.0              |
|                    |                      | 802.11ac (VHT20) | 100 to 144        | 100, 116, 140, 144     | OFDM                  | BPSK            | 6.5              |
|                    |                      | 802.11ac (VHT40) | 102 to 134        | 102, 110, 134, 142     | OFDM                  | BPSK            | 13.5             |
|                    |                      | 802.11ac (VHT80) | 106 to 138        | 106, 122, 138          | OFDM                  | BPSK            | 29.3             |
|                    | 5745-5825            | 802.11a          | 149 to 165        | 149, 157, 165          | OFDM                  | BPSK            | 6.0              |
|                    |                      | 802.11ac (VHT20) | 149 to 165        | 149, 157, 165          | OFDM                  | BPSK            | 6.5              |
|                    |                      | 802.11ac (VHT40) | 151 to 159        | 151, 159               | OFDM                  | BPSK            | 13.5             |
|                    |                      | 802.11ac (VHT80) | 155               | 155                    | OFDM                  | BPSK            | 29.3             |

#### **Radiated Emission Test (Below 1 GHz):**

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Frequency Band (MHz) | Mode             | Available Channel | Tested Channel | Modulation Technology | Modulation Type | Data Rate (Mbps) |
|--------------------|----------------------|------------------|-------------------|----------------|-----------------------|-----------------|------------------|
| A, B               | 5500-5720            | 802.11ac (VHT80) | 106 to 138        | 122            | OFDM                  | BPSK            | 29.3             |

### Power Line Conducted Emission Test:

- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Frequency Band (MHz) | Mode             | Available Channel | Tested Channel | Modulation Technology | Modulation Type | Data Rate (Mbps) |
|--------------------|----------------------|------------------|-------------------|----------------|-----------------------|-----------------|------------------|
| A, B               | 5500-5720            | 802.11ac (VHT80) | 106 to 138        | 122            | OFDM                  | BPSK            | 29.3             |

### Maximum Output Power Measurement:

- ☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- ☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- ☒ Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Frequency Band (MHz) | Mode             | Available Channel | Tested Channel         | Modulation Technology | Modulation Type | Data Rate (Mbps) |
|--------------------|----------------------|------------------|-------------------|------------------------|-----------------------|-----------------|------------------|
| A, B               | 5180-5320            | 802.11a          | 36 to 64          | 36, 40, 48, 52, 60, 64 | OFDM                  | BPSK            | 6.0              |
|                    |                      | 802.11ac (VHT20) | 36 to 64          | 36, 40, 48, 52, 60, 64 | OFDM                  | BPSK            | 6.5              |
|                    |                      | 802.11ac (VHT40) | 38 to 62          | 38, 46, 54, 62         | OFDM                  | BPSK            | 13.5             |
|                    |                      | 802.11ac (VHT80) | 42 to 58          | 42, 58                 | OFDM                  | BPSK            | 29.3             |
|                    | 5500-5720            | 802.11a          | 100 to 144        | 100, 116, 140, 144     | OFDM                  | BPSK            | 6.0              |
|                    |                      | 802.11ac (VHT20) | 100 to 144        | 100, 116, 140, 144     | OFDM                  | BPSK            | 6.5              |
|                    |                      | 802.11ac (VHT40) | 102 to 134        | 102, 110, 134, 142     | OFDM                  | BPSK            | 13.5             |
|                    |                      | 802.11ac (VHT80) | 106 to 138        | 106, 122, 138          | OFDM                  | BPSK            | 29.3             |
|                    | 5745-5825            | 802.11a          | 149 to 165        | 149, 157, 165          | OFDM                  | BPSK            | 6.0              |
|                    |                      | 802.11ac (VHT20) | 149 to 165        | 149, 157, 165          | OFDM                  | BPSK            | 6.5              |
|                    |                      | 802.11ac (VHT40) | 151 to 159        | 151, 159               | OFDM                  | BPSK            | 13.5             |
|                    |                      | 802.11ac (VHT80) | 155               | 155                    | OFDM                  | BPSK            | 29.3             |

### Test Condition:

| Applicable To | Environmental Conditions | Input Power    | Tested by             |
|---------------|--------------------------|----------------|-----------------------|
| RE $\geq$ 1G  | 25 deg. C, 65 % RH       | 120 Vac, 60 Hz | Adair Peng, Titan Hsu |
| RE<1G         | 25 deg. C, 65 % RH       | 120 Vac, 60 Hz | Adair Peng            |
| PLC           | 25 deg. C, 65 % RH       | 120 Vac, 60 Hz | Adair Peng            |
| Power         | 25 deg. C, 65 % RH       | 120 Vac, 60 Hz | Jisyoung Wang         |

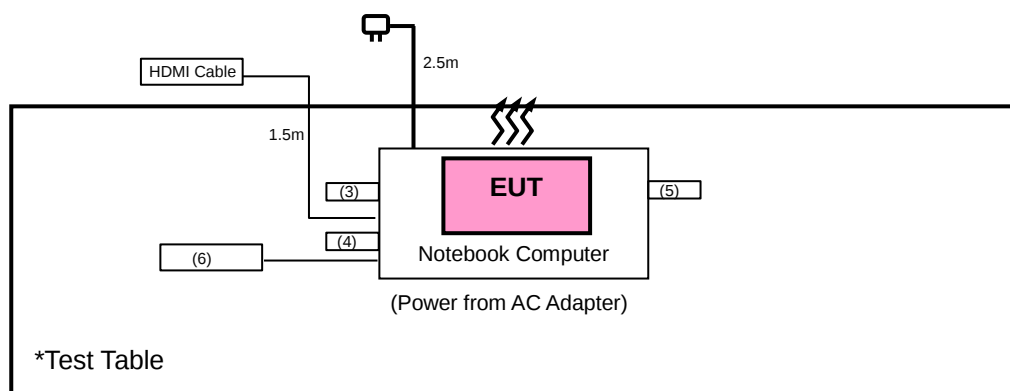
### 3.3 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| ID | Product           | Brand   | Model No.                    | Serial No. | FCC ID | Remarks |
|----|-------------------|---------|------------------------------|------------|--------|---------|
| 1. | Notebook Computer | Lenovo  | ThinkBook 14s Yoga ITL ***** | NA         | NA     | -       |
| 2. | Adapter           | Lenovo  | ADLX65YDC3D                  | NA         | NA     | -       |
| 3. | Type-C USB        | SanDisk | SDDDC3-320G                  | NA         | NA     | -       |
| 4. | USB 2.0 FLASH     | HP      | v250W                        | 05         | NA     | -       |
| 5. | USB 2.0 FLASH     | HP      | v250W                        | 03         | NA     | -       |
| 6. | Earphone          | Apple   | NA                           | NA         | NA     | -       |

Note: All power cords of the above support units are non-shielded (1.8m).

#### 3.3.1 Configuration of System under Test



### 3.4 General Description of Applied Standards and References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and references:

#### Test Standard:

##### FCC Part 15, Subpart E (15.407)

ANSI C63.10-2013

All test items have been performed and recorded as per the above standards.

#### References Test Guidance:

##### KDB 789033 D02 General UNII Test Procedures New Rules v02r01

##### KDB 662911 D01 Multiple Transmitter Output v02r01

All test items have been performed as a reference to the above KDB test guidance.

## 4 Test Types and Results

### 4.1 Radiated Emission and Bandedge Measurement

#### 4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

| Frequencies (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|-------------------|-----------------------------------|-------------------------------|
| 0.009 ~ 0.490     | 2400/F (kHz)                      | 300                           |
| 0.490 ~ 1.705     | 24000/F (kHz)                     | 30                            |
| 1.705 ~ 30.0      | 30                                | 30                            |
| 30 ~ 88           | 100                               | 3                             |
| 88 ~ 216          | 150                               | 3                             |
| 216 ~ 960         | 200                               | 3                             |
| Above 960         | 500                               | 3                             |

**Note:**

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

#### 4.1.2 Limits of Unwanted Emission Out of the Restricted Bands

| Applicable To                                               |                                                     | Limit                                                                                                                               |                                                                                                                                           |
|-------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 789033 D02 General UNII Test Procedures<br>New Rules v02r01 |                                                     | Field Strength at 3 m                                                                                                               |                                                                                                                                           |
|                                                             |                                                     | PK: 74 (dBµV/m)                                                                                                                     | AV: 54 (dBµV/m)                                                                                                                           |
| Frequency Band                                              | Applicable To                                       | EIRP Limit                                                                                                                          | Equivalent Field Strength at 3 m                                                                                                          |
| 5150~5250 MHz                                               | 15.407(b)(1)                                        | PK: -27 (dBm/MHz)                                                                                                                   | PK: 68.2 (dBµV/m)                                                                                                                         |
| 5250~5350 MHz                                               | 15.407(b)(2)                                        |                                                                                                                                     |                                                                                                                                           |
| 5470~5725 MHz                                               | 15.407(b)(3)                                        |                                                                                                                                     |                                                                                                                                           |
| 5725~5850 MHz                                               | <input checked="" type="checkbox"/> 15.407(b)(4)(i) | PK:-27 (dBm/MHz) <sup>*1</sup><br>PK:10 (dBm/MHz) <sup>*2</sup><br>PK:15.6 (dBm/MHz) <sup>*3</sup><br>PK:27 (dBm/MHz) <sup>*4</sup> | PK: 68.2 (dBµV/m) <sup>*1</sup><br>PK:105.2 (dBµV/m) <sup>*2</sup><br>PK: 110.8 (dBµV/m) <sup>*3</sup><br>PK:122.2 (dBµV/m) <sup>*4</sup> |
|                                                             | <input type="checkbox"/> 15.407(b)(4)(ii)           | Emission limits in section 15.247(d)                                                                                                |                                                                                                                                           |

<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.

#### Note:

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

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

#### 4.1.3 Test Instruments

| Description & Manufacturer                | Model No.                             | Serial No.                                          | Date of Calibration | Due Date of Calibration |
|-------------------------------------------|---------------------------------------|-----------------------------------------------------|---------------------|-------------------------|
| Test Receiver<br>ROHDE & SCHWARZ          | ESR3                                  | 102579                                              | Jul. 07, 2020       | Jul. 06, 2021           |
| Spectrum Analyzer<br>ROHDE & SCHWARZ      | FSP40                                 | 100269                                              | Jun. 09, 2020       | Jun. 08, 2021           |
| BILOG Antenna<br>SCHWARZBECK              | VULB9168                              | 9168-171                                            | Nov. 11, 2019       | Nov. 10, 2020           |
| HORN Antenna<br>SCHWARZBECK               | 9120D                                 | 209                                                 | Nov. 24, 2019       | Nov. 23, 2020           |
| HORN Antenna<br>SCHWARZBECK               | BBHA 9170                             | BBHA9170241                                         | Nov. 24, 2019       | Nov. 23, 2020           |
| Loop Antenna<br>EMCI                      | EM-6879                               | 269                                                 | Sep. 16, 2019       | Sep. 15, 2020           |
| Preamplifier<br>Agilent<br>(Below 1GHz)   | 8447D                                 | 2944A10738                                          | Aug. 20, 2019       | Aug. 15, 2020           |
|                                           |                                       |                                                     | Aug. 16, 2020       | Aug. 15, 2021           |
| Preamplifier<br>Agilent<br>(Above 1GHz)   | 8449B                                 | 3008A02465                                          | Mar. 23, 2020       | Mar. 22, 2021           |
| RF Coaxial Cable<br>WOKEN<br>With 5dB PAD | 8D-FB                                 | Cable-CH3-01                                        | Aug. 20, 2019       | Aug. 15, 2020           |
|                                           |                                       |                                                     | Aug. 16, 2020       | Aug. 15, 2021           |
| RF signal cable<br>HUBER+SUHNER           | SUCOFLEX 104                          | Cable-CH3-03<br>(223653/4)                          | Aug. 20, 2019       | Aug. 15, 2020           |
|                                           |                                       |                                                     | Aug. 16, 2020       | Aug. 15, 2021           |
| RF signal cable<br>HUBER+SUHNER&<br>EMCI  | SUCOFLEX<br>104&EMC104-SM-<br>SM-8000 | Cable-CH3-03<br>(309224+170907)                     | Aug. 20, 2019       | Aug. 15, 2020           |
|                                           |                                       |                                                     | Aug. 16, 2020       | Aug. 15, 2021           |
| Software<br>BV ADT                        | ADT_Radiated_<br>V7.6.15.9.5          | NA                                                  | NA                  | NA                      |
| Antenna Tower<br>inn-co GmbH              | MA 4000                               | 013303                                              | NA                  | NA                      |
| Antenna Tower Controller<br>BV ADT        | AT100                                 | AT93021702                                          | NA                  | NA                      |
| Turn Table<br>BV ADT                      | TT100                                 | TT93021702                                          | NA                  | NA                      |
| Turn Table Controller<br>BV ADT           | SC100                                 | SC93021702                                          | NA                  | NA                      |
| Boresight Antenna Fixture                 | FBA-01                                | FBA-SIP01                                           | NA                  | NA                      |
| USB Wideband Power<br>Sensor<br>KEYSIGHT  | U2021XA                               | MY55050005/MY55<br>190004/MY551900<br>07/MY55210005 | Jul. 13, 2020       | Jul. 12, 2021           |
| Pre-amplifier (18GHz-<br>40GHz)<br>EMC    | EMC184045B                            | 980175                                              | Sep. 05, 2019       | Sep. 03, 2020           |
|                                           |                                       |                                                     | Sep. 04, 2020       | Sep. 03, 2021           |

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.  
2. The test was performed in HwaYa Chamber 3.

#### 4.1.4 Test Procedures

##### **For Radiated Emission below 30 MHz**

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

##### **Note:**

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.

##### **For Radiated Emission above 30 MHz**

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30 MHz ~ 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

##### **Note:**

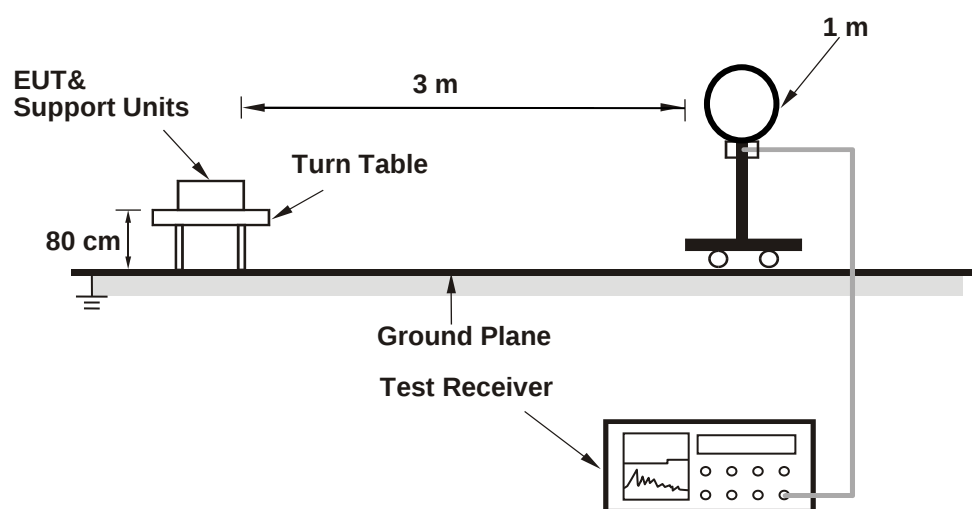
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1 GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is  $\geq 1/T$  (Duty cycle  $< 98\%$ ) or 10 Hz (Duty cycle  $\geq 98\%$ ) for Average detection (AV) at frequency above 1 GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

#### 4.1.5 Deviation from Test Standard

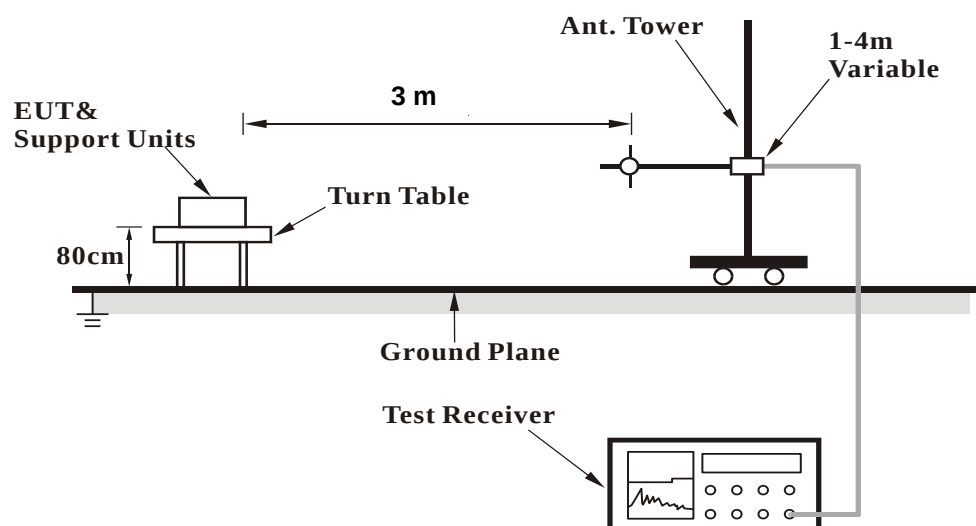
No deviation.

#### 4.1.6 Test Setup

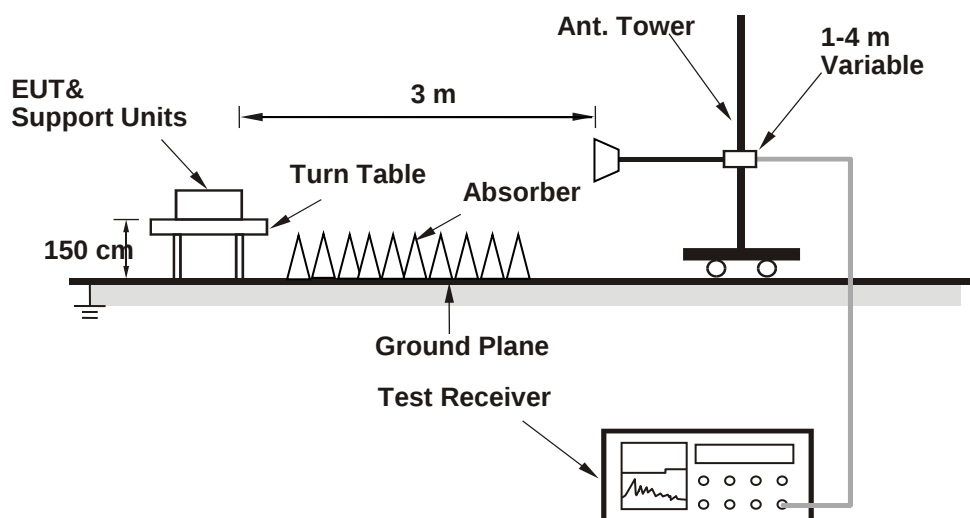
##### <Radiated Emission below 30 MHz>



##### <Radiated Emission 30 MHz to 1 GHz>



### <Radiated Emission above 1 GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo).

#### 4.1.7 EUT Operating Conditions

- Placed the EUT on a testing table.
- Use the software to control the EUT under transmission condition continuously at specific channel frequency.

#### 4.1.8 Test Results

#### ABOVE 1GHz DATA

#### Mode A

#### 802.11a

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 36 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.1 PK                 | 74.0           | -18.9       | 1.73 H             | 177                  | 51.6             | 3.5                      |
| 2                                                   | 5150.00     | 42.0 AV                 | 54.0           | -12.0       | 1.73 H             | 177                  | 38.5             | 3.5                      |
| 3                                                   | *5180.00    | 103.2 PK                |                |             | 1.73 H             | 177                  | 63.9             | 39.3                     |
| 4                                                   | *5180.00    | 93.9 AV                 |                |             | 1.73 H             | 177                  | 54.6             | 39.3                     |
| 5                                                   | #10360.00   | 58.6 PK                 | 68.2           | -9.6        | 3.01 H             | 342                  | 41.7             | 16.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.6 PK                 | 74.0           | -18.4       | 2.87 V             | 338                  | 52.1             | 3.5                      |
| 2                                                   | 5150.00     | 42.2 AV                 | 54.0           | -11.8       | 2.87 V             | 338                  | 38.7             | 3.5                      |
| 3                                                   | *5180.00    | 105.6 PK                |                |             | 2.87 V             | 338                  | 66.3             | 39.3                     |
| 4                                                   | *5180.00    | 96.0 AV                 |                |             | 2.87 V             | 338                  | 56.7             | 39.3                     |
| 5                                                   | #10360.00   | 58.9 PK                 | 68.2           | -9.3        | 2.08 V             | 233                  | 42.0             | 16.9                     |

#### REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 40 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5200.00    | 102.7 PK                |                |             | 1.77 H             | 171                  | 63.4             | 39.3                     |
| 2                                                   | *5200.00    | 92.6 AV                 |                |             | 1.77 H             | 171                  | 53.3             | 39.3                     |
| 3                                                   | #10400.00   | 59.0 PK                 | 68.2           | -9.2        | 2.91 H             | 330                  | 41.9             | 17.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5200.00    | 105.0 PK                |                |             | 2.84 V             | 337                  | 65.7             | 39.3                     |
| 2                                                   | *5200.00    | 96.0 AV                 |                |             | 2.84 V             | 337                  | 56.7             | 39.3                     |
| 3                                                   | #10400.00   | 59.3 PK                 | 68.2           | -14.7       | 2.15 V             | 229                  | 42.2             | 17.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 48 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5240.00    | 103.1 PK                |                |             | 1.74 H             | 179                  | 64.0             | 39.1                     |
| 2                                                   | *5240.00    | 94.0 AV                 |                |             | 1.74 H             | 179                  | 54.9             | 39.1                     |
| 3                                                   | 5350.00     | 54.5 PK                 | 74.0           | -19.5       | 1.74 H             | 179                  | 50.9             | 3.6                      |
| 4                                                   | 5350.00     | 41.6 AV                 | 54.0           | -12.4       | 1.74 H             | 179                  | 38.0             | 3.6                      |
| 5                                                   | #10480.00   | 59.3 PK                 | 68.2           | -8.9        | 2.87 H             | 333                  | 41.7             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5240.00    | 105.4 PK                |                |             | 2.82 V             | 337                  | 66.3             | 39.1                     |
| 2                                                   | *5240.00    | 96.4 AV                 |                |             | 2.82 V             | 337                  | 57.3             | 39.1                     |
| 3                                                   | 5350.00     | 54.6 PK                 | 74.0           | -19.4       | 2.82 V             | 337                  | 51.0             | 3.6                      |
| 4                                                   | 5350.00     | 41.7 AV                 | 54.0           | -12.3       | 2.82 V             | 337                  | 38.1             | 3.6                      |
| 5                                                   | #10480.00   | 59.6 PK                 | 68.2           | -8.6        | 2.01 V             | 227                  | 42.0             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 52 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.1 PK                 | 74.0           | -18.9       | 1.68 H             | 157                  | 51.6             | 3.5                      |
| 2                                                   | 5150.00     | 41.7 AV                 | 54.0           | -12.3       | 1.68 H             | 157                  | 38.2             | 3.5                      |
| 3                                                   | *5260.00    | 104.8 PK                |                |             | 1.68 H             | 157                  | 65.8             | 39.0                     |
| 4                                                   | *5260.00    | 95.3 AV                 |                |             | 1.68 H             | 157                  | 56.3             | 39.0                     |
| 5                                                   | #10520.00   | 59.0 PK                 | 68.2           | -9.2        | 2.77 H             | 323                  | 41.4             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.4 PK                 | 74.0           | -18.6       | 2.91 V             | 357                  | 51.9             | 3.5                      |
| 2                                                   | 5150.00     | 41.8 AV                 | 54.0           | -12.2       | 2.91 V             | 357                  | 38.3             | 3.5                      |
| 3                                                   | *5260.00    | 106.5 PK                |                |             | 2.91 V             | 357                  | 67.5             | 39.0                     |
| 4                                                   | *5260.00    | 97.0 AV                 |                |             | 2.91 V             | 357                  | 58.0             | 39.0                     |
| 5                                                   | #10520.00   | 59.1 PK                 | 68.2           | -9.1        | 2.22 V             | 212                  | 41.5             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 60 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5300.00    | 104.2 PK                |                |             | 1.70 H             | 161                  | 65.1             | 39.1                     |
| 2                                                   | *5300.00    | 95.4 AV                 |                |             | 1.70 H             | 161                  | 56.3             | 39.1                     |
| 3                                                   | 10600.00    | 58.6 PK                 | 74.0           | -15.4       | 2.71 H             | 315                  | 41.1             | 17.5                     |
| 4                                                   | 10600.00    | 45.0 AV                 | 54.0           | -9.0        | 2.71 H             | 315                  | 27.5             | 17.5                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5300.00    | 106.5 PK                |                |             | 2.88 V             | 340                  | 67.4             | 39.1                     |
| 2                                                   | *5300.00    | 97.5 AV                 |                |             | 2.88 V             | 340                  | 58.4             | 39.1                     |
| 3                                                   | 10600.00    | 58.8 PK                 | 74.0           | -15.2       | 2.05 V             | 203                  | 41.3             | 17.5                     |
| 4                                                   | 10600.00    | 45.2 AV                 | 54.0           | -8.8        | 2.05 V             | 203                  | 27.7             | 17.5                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 64 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5320.00    | 105.1 PK                |                |             | 1.66 H             | 157                  | 65.9             | 39.2                     |
| 2                                                   | *5320.00    | 95.5 AV                 |                |             | 1.66 H             | 157                  | 56.3             | 39.2                     |
| 3                                                   | 5350.00     | 54.8 PK                 | 74.0           | -19.2       | 1.66 H             | 157                  | 51.2             | 3.6                      |
| 4                                                   | 5350.00     | 42.1 AV                 | 54.0           | -11.9       | 1.66 H             | 157                  | 38.5             | 3.6                      |
| 5                                                   | 10640.00    | 58.9 PK                 | 74.0           | -15.1       | 2.66 H             | 325                  | 41.3             | 17.6                     |
| 6                                                   | 10640.00    | 45.0 AV                 | 54.0           | -9.0        | 2.66 H             | 325                  | 27.4             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5320.00    | 106.4 PK                |                |             | 2.84 V             | 341                  | 67.2             | 39.2                     |
| 2                                                   | *5320.00    | 96.7 AV                 |                |             | 2.84 V             | 341                  | 57.5             | 39.2                     |
| 3                                                   | 5350.00     | 55.0 PK                 | 74.0           | -19.0       | 2.84 V             | 341                  | 51.4             | 3.6                      |
| 4                                                   | 5350.00     | 42.3 AV                 | 54.0           | -11.7       | 2.84 V             | 341                  | 38.7             | 3.6                      |
| 5                                                   | 10640.00    | 59.1 PK                 | 74.0           | -14.9       | 2.25 V             | 229                  | 41.5             | 17.6                     |
| 6                                                   | 10640.00    | 45.1 AV                 | 54.0           | -8.9        | 2.25 V             | 229                  | 27.5             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 100 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.6 PK                 | 74.0           | -19.4       | 1.20 H             | 159                  | 50.8             | 3.8                      |
| 2                                                   | 5460.00     | 41.8 AV                 | 54.0           | -12.2       | 1.20 H             | 159                  | 38.0             | 3.8                      |
| 3                                                   | #5470.00    | 54.9 PK                 | 68.2           | -13.3       | 1.20 H             | 159                  | 51.1             | 3.8                      |
| 4                                                   | *5500.00    | 104.3 PK                |                |             | 1.20 H             | 159                  | 64.6             | 39.7                     |
| 5                                                   | *5500.00    | 94.7 AV                 |                |             | 1.20 H             | 159                  | 55.0             | 39.7                     |
| 6                                                   | 11000.00    | 60.4 PK                 | 74.0           | -13.6       | 2.58 H             | 317                  | 41.7             | 18.7                     |
| 7                                                   | 11000.00    | 47.3 AV                 | 54.0           | -6.7        | 2.58 H             | 317                  | 28.6             | 18.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.8 PK                 | 74.0           | -19.2       | 2.94 V             | 1                    | 51.0             | 3.8                      |
| 2                                                   | 5460.00     | 41.9 AV                 | 54.0           | -12.1       | 2.94 V             | 1                    | 38.1             | 3.8                      |
| 3                                                   | #5470.00    | 55.0 PK                 | 68.2           | -13.2       | 2.94 V             | 1                    | 51.2             | 3.8                      |
| 4                                                   | *5500.00    | 105.9 PK                |                |             | 2.94 V             | 1                    | 66.2             | 39.7                     |
| 5                                                   | *5500.00    | 96.1 AV                 |                |             | 2.94 V             | 1                    | 56.4             | 39.7                     |
| 6                                                   | 11000.00    | 60.7 PK                 | 74.0           | -13.3       | 2.23 V             | 227                  | 42.0             | 18.7                     |
| 7                                                   | 11000.00    | 47.5 AV                 | 54.0           | -6.5        | 2.23 V             | 227                  | 28.8             | 18.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 116 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5580.00    | 103.7 PK                |                |             | 1.33 H             | 163                  | 64.0             | 39.7                     |
| 2                                                   | *5580.00    | 94.3 AV                 |                |             | 1.33 H             | 163                  | 54.6             | 39.7                     |
| 3                                                   | 11160.00    | 60.1 PK                 | 74.0           | -13.9       | 2.78 H             | 330                  | 41.8             | 18.3                     |
| 4                                                   | 11160.00    | 46.8 AV                 | 54.0           | -7.2        | 2.78 H             | 330                  | 28.5             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5580.00    | 105.4 PK                |                |             | 2.89 V             | 357                  | 65.7             | 39.7                     |
| 2                                                   | *5580.00    | 96.1 AV                 |                |             | 2.89 V             | 357                  | 56.4             | 39.7                     |
| 3                                                   | 11160.00    | 60.3 PK                 | 74.0           | -13.7       | 2.12 V             | 224                  | 42.0             | 18.3                     |
| 4                                                   | 11160.00    | 47.0 AV                 | 54.0           | -7.0        | 2.12 V             | 224                  | 28.7             | 18.3                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 140 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5700.00    | 105.0 PK                |                |             | 1.42 H             | 185                  | 65.2             | 39.8                     |
| 2                                                   | *5700.00    | 95.4 AV                 |                |             | 1.42 H             | 185                  | 55.6             | 39.8                     |
| 3                                                   | #5725.00    | 55.1 PK                 | 68.2           | -13.1       | 1.42 H             | 185                  | 50.9             | 4.2                      |
| 4                                                   | 11400.00    | 60.1 PK                 | 74.0           | -13.9       | 2.66 H             | 342                  | 42.0             | 18.1                     |
| 5                                                   | 11400.00    | 46.9 AV                 | 54.0           | -7.1        | 2.66 H             | 342                  | 28.8             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5700.00    | 108.1 PK                |                |             | 2.89 V             | 334                  | 68.3             | 39.8                     |
| 2                                                   | *5700.00    | 98.6 AV                 |                |             | 2.89 V             | 334                  | 58.8             | 39.8                     |
| 3                                                   | #5725.00    | 55.6 PK                 | 68.2           | -12.6       | 2.89 V             | 334                  | 51.4             | 4.2                      |
| 4                                                   | 11400.00    | 60.3 PK                 | 74.0           | -13.7       | 2.05 V             | 219                  | 42.2             | 18.1                     |
| 5                                                   | 11400.00    | 47.1 AV                 | 54.0           | -6.9        | 2.05 V             | 219                  | 29.0             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 144 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 55.0 PK                 | 68.2           | -13.2       | 1.45 H             | 188                  | 51.2             | 3.8                      |
| 2                                                   | *5720.00    | 104.8 PK                |                |             | 1.45 H             | 188                  | 64.8             | 40.0                     |
| 3                                                   | *5720.00    | 95.0 AV                 |                |             | 1.45 H             | 188                  | 55.0             | 40.0                     |
| 4                                                   | #5850.00    | 54.7 PK                 | 68.2           | -13.5       | 1.45 H             | 188                  | 50.0             | 4.7                      |
| 5                                                   | 11440.00    | 59.9 PK                 | 74.0           | -14.1       | 2.69 H             | 345                  | 41.8             | 18.1                     |
| 6                                                   | 11440.00    | 47.0 AV                 | 54.0           | -7.0        | 2.69 H             | 345                  | 28.9             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 55.5 PK                 | 68.2           | -12.7       | 2.90 V             | 338                  | 51.7             | 3.8                      |
| 2                                                   | *5720.00    | 107.5 PK                |                |             | 2.90 V             | 338                  | 67.5             | 40.0                     |
| 3                                                   | *5720.00    | 98.1 AV                 |                |             | 2.90 V             | 338                  | 58.1             | 40.0                     |
| 4                                                   | #5850.00    | 55.1 PK                 | 68.2           | -13.1       | 2.90 V             | 338                  | 50.4             | 4.7                      |
| 5                                                   | 11440.00    | 59.8 PK                 | 74.0           | -14.2       | 2.19 V             | 226                  | 41.7             | 18.1                     |
| 6                                                   | 11440.00    | 47.2 AV                 | 54.0           | -6.8        | 2.19 V             | 226                  | 29.1             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 149 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5745.00    | 106.8 PK                |                |             | 1.04 H             | 152                  | 64.8             | 42.0                     |
| 2                                                   | *5745.00    | 97.7 AV                 |                |             | 1.04 H             | 152                  | 55.7             | 42.0                     |
| 3                                                   | 11490.00    | 58.9 PK                 | 74.0           | -15.1       | 2.78 H             | 323                  | 40.9             | 18.0                     |
| 4                                                   | 11490.00    | 45.3 AV                 | 54.0           | -8.7        | 2.78 H             | 323                  | 27.3             | 18.0                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5745.00    | 108.7 PK                |                |             | 2.84 V             | 358                  | 66.7             | 42.0                     |
| 2                                                   | *5745.00    | 99.0 AV                 |                |             | 2.84 V             | 358                  | 57.0             | 42.0                     |
| 3                                                   | 11490.00    | 59.1 PK                 | 74.0           | -14.9       | 2.49 V             | 266                  | 41.1             | 18.0                     |
| 4                                                   | 11490.00    | 45.6 AV                 | 54.0           | -8.4        | 2.49 V             | 266                  | 27.6             | 18.0                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 157 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5785.00    | 106.4 PK                |                |             | 1.03 H             | 152                  | 64.5             | 41.9                     |
| 2                                                   | *5785.00    | 96.9 AV                 |                |             | 1.03 H             | 152                  | 55.0             | 41.9                     |
| 3                                                   | 11570.00    | 58.9 PK                 | 74.0           | -15.1       | 2.63 H             | 303                  | 41.3             | 17.6                     |
| 4                                                   | 11570.00    | 45.2 AV                 | 54.0           | -8.8        | 2.63 H             | 303                  | 27.6             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5785.00    | 107.5 PK                |                |             | 2.91 V             | 358                  | 65.6             | 41.9                     |
| 2                                                   | *5785.00    | 98.5 AV                 |                |             | 2.91 V             | 358                  | 56.6             | 41.9                     |
| 3                                                   | 11570.00    | 59.2 PK                 | 74.0           | -14.8       | 2.29 V             | 240                  | 41.6             | 17.6                     |
| 4                                                   | 11570.00    | 45.4 AV                 | 54.0           | -8.6        | 2.29 V             | 240                  | 27.8             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 165 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5825.00    | 106.2 PK                |                |             | 1.36 H             | 150                  | 64.0             | 42.2                     |
| 2                                                   | *5825.00    | 97.1 AV                 |                |             | 1.36 H             | 150                  | 54.9             | 42.2                     |
| 3                                                   | 11650.00    | 58.9 PK                 | 74.0           | -15.1       | 2.83 H             | 312                  | 41.2             | 17.7                     |
| 4                                                   | 11650.00    | 45.0 AV                 | 54.0           | -9.0        | 2.83 H             | 312                  | 27.3             | 17.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5825.00    | 108.6 PK                |                |             | 2.93 V             | 346                  | 66.4             | 42.2                     |
| 2                                                   | *5825.00    | 99.2 AV                 |                |             | 2.93 V             | 346                  | 57.0             | 42.2                     |
| 3                                                   | 11650.00    | 59.2 PK                 | 74.0           | -14.8       | 2.29 V             | 237                  | 41.5             | 17.7                     |
| 4                                                   | 11650.00    | 45.3 AV                 | 54.0           | -8.7        | 2.29 V             | 237                  | 27.6             | 17.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

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|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 36 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.5 PK                 | 74.0           | -18.5       | 1.78 H             | 161                  | 52.0             | 3.5                      |
| 2                                                   | 5150.00     | 42.1 AV                 | 54.0           | -11.9       | 1.78 H             | 161                  | 38.6             | 3.5                      |
| 3                                                   | *5180.00    | 102.3 PK                |                |             | 1.78 H             | 161                  | 63.0             | 39.3                     |
| 4                                                   | *5180.00    | 92.3 AV                 |                |             | 1.78 H             | 161                  | 53.0             | 39.3                     |
| 5                                                   | #10360.00   | 58.9 PK                 | 68.2           | -9.3        | 2.97 H             | 339                  | 42.0             | 16.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.6 PK                 | 74.0           | -18.4       | 3.01 V             | 356                  | 52.1             | 3.5                      |
| 2                                                   | 5150.00     | 42.3 AV                 | 54.0           | -11.7       | 3.01 V             | 356                  | 38.8             | 3.5                      |
| 3                                                   | *5180.00    | 105.4 PK                |                |             | 3.01 V             | 356                  | 66.1             | 39.3                     |
| 4                                                   | *5180.00    | 95.4 AV                 |                |             | 3.01 V             | 356                  | 56.1             | 39.3                     |
| 5                                                   | #10360.00   | 59.0 PK                 | 68.2           | -9.2        | 2.23 V             | 245                  | 42.1             | 16.9                     |

## REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 40 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5200.00    | 102.5 PK                |                |             | 1.74 H             | 166                  | 63.2             | 39.3                     |
| 2                                                   | *5200.00    | 92.7 AV                 |                |             | 1.74 H             | 166                  | 53.4             | 39.3                     |
| 3                                                   | #10400.00   | 59.1 PK                 | 68.2           | -9.1        | 2.97 H             | 345                  | 42.0             | 17.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5200.00    | 105.2 PK                |                |             | 2.85 V             | 338                  | 65.9             | 39.3                     |
| 2                                                   | *5200.00    | 95.4 AV                 |                |             | 2.85 V             | 338                  | 56.1             | 39.3                     |
| 3                                                   | #10400.00   | 59.4 PK                 | 68.2           | -8.8        | 2.18 V             | 240                  | 42.3             | 17.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 48 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5240.00    | 103.0 PK                |                |             | 1.79 H             | 162                  | 63.9             | 39.1                     |
| 2                                                   | *5240.00    | 93.1 AV                 |                |             | 1.79 H             | 162                  | 54.0             | 39.1                     |
| 3                                                   | 5350.00     | 54.5 PK                 | 74.0           | -19.5       | 1.79 H             | 162                  | 50.9             | 3.6                      |
| 4                                                   | 5350.00     | 41.6 AV                 | 54.0           | -12.4       | 1.79 H             | 162                  | 38.0             | 3.6                      |
| 5                                                   | #10480.00   | 59.2 PK                 | 68.2           | -9.0        | 2.89 H             | 319                  | 41.6             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5240.00    | 106.0 PK                |                |             | 2.85 V             | 339                  | 66.9             | 39.1                     |
| 2                                                   | *5240.00    | 96.1 AV                 |                |             | 2.85 V             | 339                  | 57.0             | 39.1                     |
| 3                                                   | 5350.00     | 54.7 PK                 | 74.0           | -19.3       | 2.85 V             | 339                  | 51.1             | 3.6                      |
| 4                                                   | 5350.00     | 41.8 AV                 | 54.0           | -12.2       | 2.85 V             | 339                  | 38.2             | 3.6                      |
| 5                                                   | #10480.00   | 59.5 PK                 | 68.2           | -8.7        | 2.28 V             | 212                  | 41.9             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 52 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.4 PK                 | 74.0           | -18.6       | 1.14 H             | 178                  | 51.9             | 3.5                      |
| 2                                                   | 5150.00     | 41.7 AV                 | 54.0           | -12.3       | 1.14 H             | 178                  | 38.2             | 3.5                      |
| 3                                                   | *5260.00    | 104.5 PK                |                |             | 1.14 H             | 178                  | 65.5             | 39.0                     |
| 4                                                   | *5260.00    | 94.6 AV                 |                |             | 1.14 H             | 178                  | 55.6             | 39.0                     |
| 5                                                   | #10520.00   | 59.0 PK                 | 68.2           | -9.2        | 2.61 H             | 320                  | 41.4             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.6 PK                 | 74.0           | -18.4       | 2.91 V             | 353                  | 52.1             | 3.5                      |
| 2                                                   | 5150.00     | 41.9 AV                 | 54.0           | -12.1       | 2.91 V             | 353                  | 38.4             | 3.5                      |
| 3                                                   | *5260.00    | 105.5 PK                |                |             | 2.91 V             | 353                  | 66.5             | 39.0                     |
| 4                                                   | *5260.00    | 96.0 AV                 |                |             | 2.91 V             | 353                  | 57.0             | 39.0                     |
| 5                                                   | #10520.00   | 58.9 PK                 | 68.2           | -9.3        | 2.14 V             | 220                  | 41.3             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 60 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5300.00    | 105.1 PK                |                |             | 1.45 H             | 170                  | 66.0             | 39.1                     |
| 2                                                   | *5300.00    | 95.3 AV                 |                |             | 1.45 H             | 170                  | 56.2             | 39.1                     |
| 3                                                   | 10600.00    | 59.0 PK                 | 74.0           | -15.0       | 2.85 H             | 339                  | 41.5             | 17.5                     |
| 4                                                   | 10600.00    | 45.2 AV                 | 54.0           | -8.8        | 2.85 H             | 339                  | 27.7             | 17.5                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5300.00    | 106.4 PK                |                |             | 2.88 V             | 357                  | 67.3             | 39.1                     |
| 2                                                   | *5300.00    | 96.8 AV                 |                |             | 2.88 V             | 357                  | 57.7             | 39.1                     |
| 3                                                   | 10600.00    | 59.0 PK                 | 74.0           | -15.0       | 2.27 V             | 224                  | 41.5             | 17.5                     |
| 4                                                   | 10600.00    | 45.1 AV                 | 54.0           | -8.9        | 2.27 V             | 224                  | 27.6             | 17.5                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 64 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5320.00    | 102.4 PK                |                |             | 1.74 H             | 160                  | 63.2             | 39.2                     |
| 2                                                   | *5320.00    | 92.6 AV                 |                |             | 1.74 H             | 160                  | 53.4             | 39.2                     |
| 3                                                   | 5350.00     | 55.4 PK                 | 74.0           | -18.6       | 1.74 H             | 160                  | 51.8             | 3.6                      |
| 4                                                   | 5350.00     | 42.0 AV                 | 54.0           | -12.0       | 1.74 H             | 160                  | 38.4             | 3.6                      |
| 5                                                   | 10640.00    | 59.3 PK                 | 74.0           | -14.7       | 2.58 H             | 333                  | 41.7             | 17.6                     |
| 6                                                   | 10640.00    | 45.1 AV                 | 54.0           | -8.9        | 2.58 H             | 333                  | 27.5             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5320.00    | 106.9 PK                |                |             | 3.00 V             | 342                  | 67.7             | 39.2                     |
| 2                                                   | *5320.00    | 96.7 AV                 |                |             | 3.00 V             | 342                  | 57.5             | 39.2                     |
| 3                                                   | 5350.00     | 55.6 PK                 | 74.0           | -18.4       | 3.00 V             | 342                  | 52.0             | 3.6                      |
| 4                                                   | 5350.00     | 42.1 AV                 | 54.0           | -11.9       | 3.00 V             | 342                  | 38.5             | 3.6                      |
| 5                                                   | 10640.00    | 59.4 PK                 | 74.0           | -14.6       | 2.07 V             | 217                  | 41.8             | 17.6                     |
| 6                                                   | 10640.00    | 45.3 AV                 | 54.0           | -8.7        | 2.07 V             | 217                  | 27.7             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 100 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.9 PK                 | 74.0           | -19.1       | 1.44 H             | 169                  | 51.1             | 3.8                      |
| 2                                                   | 5460.00     | 42.1 AV                 | 54.0           | -11.9       | 1.44 H             | 169                  | 38.3             | 3.8                      |
| 3                                                   | #5470.00    | 55.1 PK                 | 68.2           | -13.1       | 1.44 H             | 169                  | 51.3             | 3.8                      |
| 4                                                   | *5500.00    | 103.3 PK                |                |             | 1.44 H             | 169                  | 63.6             | 39.7                     |
| 5                                                   | *5500.00    | 93.7 AV                 |                |             | 1.44 H             | 169                  | 54.0             | 39.7                     |
| 6                                                   | 11000.00    | 60.8 PK                 | 74.0           | -13.2       | 2.63 H             | 330                  | 42.1             | 18.7                     |
| 7                                                   | 11000.00    | 47.7 AV                 | 54.0           | -6.3        | 2.63 H             | 330                  | 29.0             | 18.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 55.1 PK                 | 74.0           | -18.9       | 2.87 V             | 339                  | 51.3             | 3.8                      |
| 2                                                   | 5460.00     | 42.3 AV                 | 54.0           | -11.7       | 2.87 V             | 339                  | 38.5             | 3.8                      |
| 3                                                   | #5470.00    | 55.4 PK                 | 68.2           | -12.8       | 2.87 V             | 339                  | 51.6             | 3.8                      |
| 4                                                   | *5500.00    | 107.0 PK                |                |             | 2.87 V             | 339                  | 67.3             | 39.7                     |
| 5                                                   | *5500.00    | 97.1 AV                 |                |             | 2.87 V             | 339                  | 57.4             | 39.7                     |
| 6                                                   | 11000.00    | 61.0 PK                 | 74.0           | -13.0       | 2.27 V             | 229                  | 42.3             | 18.7                     |
| 7                                                   | 11000.00    | 47.9 AV                 | 54.0           | -6.1        | 2.27 V             | 229                  | 29.2             | 18.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 116 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5580.00    | 102.9 PK                |                |             | 1.63 H             | 170                  | 63.2             | 39.7                     |
| 2                                                   | *5580.00    | 93.2 AV                 |                |             | 1.63 H             | 170                  | 53.5             | 39.7                     |
| 3                                                   | 11160.00    | 60.0 PK                 | 74.0           | -14.0       | 2.70 H             | 321                  | 41.7             | 18.3                     |
| 4                                                   | 11160.00    | 46.8 AV                 | 54.0           | -7.2        | 2.70 H             | 321                  | 28.5             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5580.00    | 104.7 PK                |                |             | 2.97 V             | 347                  | 65.0             | 39.7                     |
| 2                                                   | *5580.00    | 94.9 AV                 |                |             | 2.97 V             | 347                  | 55.2             | 39.7                     |
| 3                                                   | 11160.00    | 60.3 PK                 | 74.0           | -13.7       | 2.11 V             | 219                  | 42.0             | 18.3                     |
| 4                                                   | 11160.00    | 46.9 AV                 | 54.0           | -7.1        | 2.11 V             | 219                  | 28.6             | 18.3                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 140 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5700.00    | 104.3 PK                |                |             | 1.42 H             | 184                  | 64.5             | 39.8                     |
| 2                                                   | *5700.00    | 94.7 AV                 |                |             | 1.42 H             | 184                  | 54.9             | 39.8                     |
| 3                                                   | #5725.00    | 55.5 PK                 | 68.2           | -12.7       | 1.42 H             | 184                  | 51.3             | 4.2                      |
| 4                                                   | 11400.00    | 59.9 PK                 | 74.0           | -14.1       | 2.69 H             | 319                  | 41.8             | 18.1                     |
| 5                                                   | 11400.00    | 46.8 AV                 | 54.0           | -7.2        | 2.69 H             | 319                  | 28.7             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5700.00    | 106.7 PK                |                |             | 3.02 V             | 345                  | 66.9             | 39.8                     |
| 2                                                   | *5700.00    | 96.7 AV                 |                |             | 3.02 V             | 345                  | 56.9             | 39.8                     |
| 3                                                   | #5725.00    | 55.7 PK                 | 68.2           | -12.5       | 3.02 V             | 345                  | 51.5             | 4.2                      |
| 4                                                   | 11400.00    | 60.1 PK                 | 74.0           | -13.9       | 2.01 V             | 209                  | 42.0             | 18.1                     |
| 5                                                   | 11400.00    | 47.2 AV                 | 54.0           | -6.8        | 2.01 V             | 209                  | 29.1             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 144 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 55.2 PK                 | 68.2           | -13.0       | 1.44 H             | 189                  | 51.4             | 3.8                      |
| 2                                                   | *5720.00    | 104.1 PK                |                |             | 1.44 H             | 189                  | 64.1             | 40.0                     |
| 3                                                   | *5720.00    | 94.1 AV                 |                |             | 1.44 H             | 189                  | 54.1             | 40.0                     |
| 4                                                   | #5850.00    | 55.5 PK                 | 68.2           | -12.7       | 1.44 H             | 189                  | 50.8             | 4.7                      |
| 5                                                   | 11440.00    | 59.5 PK                 | 74.0           | -14.5       | 2.72 H             | 322                  | 41.4             | 18.1                     |
| 6                                                   | 11440.00    | 46.5 AV                 | 54.0           | -7.5        | 2.72 H             | 322                  | 28.4             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 54.8 PK                 | 68.2           | -13.4       | 3.05 V             | 349                  | 51.0             | 3.8                      |
| 2                                                   | *5720.00    | 106.3 PK                |                |             | 3.05 V             | 349                  | 66.3             | 40.0                     |
| 3                                                   | *5720.00    | 96.2 AV                 |                |             | 3.05 V             | 349                  | 56.2             | 40.0                     |
| 4                                                   | #5850.00    | 55.2 PK                 | 68.2           | -13.0       | 3.05 V             | 349                  | 50.5             | 4.7                      |
| 5                                                   | 11440.00    | 59.9 PK                 | 74.0           | -14.1       | 2.05 V             | 211                  | 41.8             | 18.1                     |
| 6                                                   | 11440.00    | 47.0 AV                 | 54.0           | -7.0        | 2.05 V             | 211                  | 28.9             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 149 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5745.00    | 107.6 PK                |                |             | 1.44 H             | 95                   | 65.6             | 42.0                     |
| 2                                                   | *5745.00    | 98.0 AV                 |                |             | 1.44 H             | 95                   | 56.0             | 42.0                     |
| 3                                                   | 11490.00    | 59.6 PK                 | 74.0           | -14.4       | 2.74 H             | 323                  | 41.6             | 18.0                     |
| 4                                                   | 11490.00    | 45.9 AV                 | 54.0           | -8.1        | 2.74 H             | 323                  | 27.9             | 18.0                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5745.00    | 109.0 PK                |                |             | 2.94 V             | 345                  | 67.0             | 42.0                     |
| 2                                                   | *5745.00    | 99.2 AV                 |                |             | 2.94 V             | 345                  | 57.2             | 42.0                     |
| 3                                                   | 11490.00    | 59.8 PK                 | 74.0           | -14.2       | 2.21 V             | 248                  | 41.8             | 18.0                     |
| 4                                                   | 11490.00    | 46.0 AV                 | 54.0           | -8.0        | 2.21 V             | 248                  | 28.0             | 18.0                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 157 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5785.00    | 106.9 PK                |                |             | 1.04 H             | 152                  | 65.0             | 41.9                     |
| 2                                                   | *5785.00    | 97.0 AV                 |                |             | 1.04 H             | 152                  | 55.1             | 41.9                     |
| 3                                                   | 11570.00    | 58.9 PK                 | 74.0           | -15.1       | 2.58 H             | 309                  | 41.3             | 17.6                     |
| 4                                                   | 11570.00    | 45.5 AV                 | 54.0           | -8.5        | 2.58 H             | 309                  | 27.9             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5785.00    | 109.3 PK                |                |             | 2.84 V             | 333                  | 67.4             | 41.9                     |
| 2                                                   | *5785.00    | 99.4 AV                 |                |             | 2.84 V             | 333                  | 57.5             | 41.9                     |
| 3                                                   | 11570.00    | 59.6 PK                 | 74.0           | -14.4       | 2.33 V             | 253                  | 42.0             | 17.6                     |
| 4                                                   | 11570.00    | 45.8 AV                 | 54.0           | -8.2        | 2.33 V             | 253                  | 28.2             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 165 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5825.00    | 107.7 PK                |                |             | 1.37 H             | 151                  | 65.5             | 42.2                     |
| 2                                                   | *5825.00    | 97.6 AV                 |                |             | 1.37 H             | 151                  | 55.4             | 42.2                     |
| 3                                                   | 11650.00    | 59.4 PK                 | 74.0           | -14.6       | 2.69 H             | 330                  | 41.7             | 17.7                     |
| 4                                                   | 11650.00    | 45.6 AV                 | 54.0           | -8.4        | 2.69 H             | 330                  | 27.9             | 17.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5825.00    | 108.2 PK                |                |             | 2.88 V             | 358                  | 66.0             | 42.2                     |
| 2                                                   | *5825.00    | 98.4 AV                 |                |             | 2.88 V             | 358                  | 56.2             | 42.2                     |
| 3                                                   | 11650.00    | 59.5 PK                 | 74.0           | -14.5       | 2.19 V             | 231                  | 41.8             | 17.7                     |
| 4                                                   | 11650.00    | 45.5 AV                 | 54.0           | -8.5        | 2.19 V             | 231                  | 27.8             | 17.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

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|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 38 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 56.9 PK                 | 74.0           | -17.1       | 1.94 H             | 162                  | 53.4             | 3.5                      |
| 2                                                   | 5150.00     | 43.5 AV                 | 54.0           | -10.5       | 1.94 H             | 162                  | 40.0             | 3.5                      |
| 3                                                   | *5190.00    | 99.1 PK                 |                |             | 1.94 H             | 162                  | 59.8             | 39.3                     |
| 4                                                   | *5190.00    | 90.0 AV                 |                |             | 1.94 H             | 162                  | 50.7             | 39.3                     |
| 5                                                   | #10380.00   | 59.0 PK                 | 68.2           | -9.2        | 3.10 H             | 337                  | 42.0             | 17.0                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 58.9 PK                 | 74.0           | -15.1       | 2.85 V             | 358                  | 55.4             | 3.5                      |
| 2                                                   | 5150.00     | 45.2 AV                 | 54.0           | -8.8        | 2.85 V             | 358                  | 41.7             | 3.5                      |
| 3                                                   | *5190.00    | 101.4 PK                |                |             | 2.85 V             | 358                  | 62.1             | 39.3                     |
| 4                                                   | *5190.00    | 92.4 AV                 |                |             | 2.85 V             | 358                  | 53.1             | 39.3                     |
| 5                                                   | #10380.00   | 58.7 PK                 | 68.2           | -9.5        | 2.23 V             | 219                  | 41.7             | 17.0                     |

## REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 46 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5230.00    | 99.6 PK                 |                |             | 1.72 H             | 162                  | 60.5             | 39.1                     |
| 2                                                   | *5230.00    | 90.5 AV                 |                |             | 1.72 H             | 162                  | 51.4             | 39.1                     |
| 3                                                   | 5350.00     | 54.6 PK                 | 74.0           | -19.4       | 1.72 H             | 162                  | 51.0             | 3.6                      |
| 4                                                   | 5350.00     | 41.6 AV                 | 54.0           | -12.4       | 1.72 H             | 162                  | 38.0             | 3.6                      |
| 5                                                   | #10460.00   | 59.2 PK                 | 68.2           | -9.0        | 2.95 H             | 340                  | 41.8             | 17.4                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5230.00    | 102.1 PK                |                |             | 2.84 V             | 358                  | 63.0             | 39.1                     |
| 2                                                   | *5230.00    | 93.0 AV                 |                |             | 2.84 V             | 358                  | 53.9             | 39.1                     |
| 3                                                   | 5350.00     | 54.9 PK                 | 74.0           | -19.1       | 2.84 V             | 358                  | 51.3             | 3.6                      |
| 4                                                   | 5350.00     | 41.8 AV                 | 54.0           | -12.2       | 2.84 V             | 358                  | 38.2             | 3.6                      |
| 5                                                   | #10460.00   | 59.4 PK                 | 68.2           | -8.8        | 2.01 V             | 218                  | 42.0             | 17.4                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 54 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.4 PK                 | 74.0           | -18.6       | 1.17 H             | 178                  | 51.9             | 3.5                      |
| 2                                                   | 5150.00     | 42.1 AV                 | 54.0           | -11.9       | 1.17 H             | 178                  | 38.6             | 3.5                      |
| 3                                                   | *5270.00    | 102.6 PK                |                |             | 1.17 H             | 178                  | 63.5             | 39.1                     |
| 4                                                   | *5270.00    | 93.1 AV                 |                |             | 1.17 H             | 178                  | 54.0             | 39.1                     |
| 5                                                   | #10540.00   | 59.4 PK                 | 68.2           | -8.8        | 2.53 H             | 319                  | 41.7             | 17.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.5 PK                 | 74.0           | -18.5       | 2.91 V             | 354                  | 52.0             | 3.5                      |
| 2                                                   | 5150.00     | 42.2 AV                 | 54.0           | -11.8       | 2.91 V             | 354                  | 38.7             | 3.5                      |
| 3                                                   | *5270.00    | 103.0 PK                |                |             | 2.91 V             | 354                  | 63.9             | 39.1                     |
| 4                                                   | *5270.00    | 93.2 AV                 |                |             | 2.91 V             | 354                  | 54.1             | 39.1                     |
| 5                                                   | #10540.00   | 59.2 PK                 | 68.2           | -9.0        | 2.07 V             | 220                  | 41.5             | 17.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 62 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5310.00    | 101.6 PK                |                |             | 1.95 H             | 160                  | 62.4             | 39.2                     |
| 2                                                   | *5310.00    | 91.9 AV                 |                |             | 1.95 H             | 160                  | 52.7             | 39.2                     |
| 3                                                   | 5350.00     | 57.5 PK                 | 74.0           | -16.5       | 1.95 H             | 160                  | 53.9             | 3.6                      |
| 4                                                   | 5350.00     | 44.5 AV                 | 54.0           | -9.5        | 1.95 H             | 160                  | 40.9             | 3.6                      |
| 5                                                   | 10620.00    | 58.5 PK                 | 74.0           | -15.5       | 2.75 H             | 330                  | 40.9             | 17.6                     |
| 6                                                   | 10620.00    | 45.1 AV                 | 54.0           | -8.9        | 2.75 H             | 330                  | 27.5             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5310.00    | 103.2 PK                |                |             | 2.90 V             | 353                  | 64.0             | 39.2                     |
| 2                                                   | *5310.00    | 93.7 AV                 |                |             | 2.90 V             | 353                  | 54.5             | 39.2                     |
| 3                                                   | 5350.00     | 57.7 PK                 | 74.0           | -16.3       | 2.90 V             | 353                  | 54.1             | 3.6                      |
| 4                                                   | 5350.00     | 44.8 AV                 | 54.0           | -9.2        | 2.90 V             | 353                  | 41.2             | 3.6                      |
| 5                                                   | 10620.00    | 58.7 PK                 | 74.0           | -15.3       | 2.14 V             | 219                  | 41.1             | 17.6                     |
| 6                                                   | 10620.00    | 45.2 AV                 | 54.0           | -8.8        | 2.14 V             | 219                  | 27.6             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 102 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.6 PK                 | 74.0           | -19.4       | 1.44 H             | 159                  | 50.8             | 3.8                      |
| 2                                                   | 5460.00     | 41.8 AV                 | 54.0           | -12.2       | 1.44 H             | 159                  | 38.0             | 3.8                      |
| 3                                                   | #5470.00    | 57.8 PK                 | 68.2           | -10.4       | 1.44 H             | 159                  | 54.0             | 3.8                      |
| 4                                                   | *5510.00    | 100.3 PK                |                |             | 1.44 H             | 159                  | 60.6             | 39.7                     |
| 5                                                   | *5510.00    | 91.3 AV                 |                |             | 1.44 H             | 159                  | 51.6             | 39.7                     |
| 6                                                   | 11020.00    | 60.1 PK                 | 74.0           | -13.9       | 2.69 H             | 330                  | 41.6             | 18.5                     |
| 7                                                   | 11020.00    | 46.8 AV                 | 54.0           | -7.2        | 2.69 H             | 330                  | 28.3             | 18.5                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.9 PK                 | 74.0           | -19.1       | 2.94 V             | 347                  | 51.1             | 3.8                      |
| 2                                                   | 5460.00     | 42.0 AV                 | 54.0           | -12.0       | 2.94 V             | 347                  | 38.2             | 3.8                      |
| 3                                                   | #5470.00    | 58.3 PK                 | 68.2           | -9.9        | 2.94 V             | 347                  | 54.5             | 3.8                      |
| 4                                                   | *5510.00    | 101.2 PK                |                |             | 2.94 V             | 347                  | 61.5             | 39.7                     |
| 5                                                   | *5510.00    | 92.1 AV                 |                |             | 2.94 V             | 347                  | 52.4             | 39.7                     |
| 6                                                   | 11020.00    | 60.3 PK                 | 74.0           | -13.7       | 2.17 V             | 221                  | 41.8             | 18.5                     |
| 7                                                   | 11020.00    | 47.1 AV                 | 54.0           | -6.9        | 2.17 V             | 221                  | 28.6             | 18.5                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 110 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5550.00    | 101.7 PK                |                |             | 1.51 H             | 161                  | 62.0             | 39.7                     |
| 2                                                   | *5550.00    | 92.2 AV                 |                |             | 1.51 H             | 161                  | 52.5             | 39.7                     |
| 3                                                   | 11100.00    | 60.0 PK                 | 74.0           | -14.0       | 2.74 H             | 327                  | 42.0             | 18.0                     |
| 4                                                   | 11100.00    | 46.8 AV                 | 54.0           | -7.2        | 2.74 H             | 327                  | 28.8             | 18.0                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5550.00    | 103.1 PK                |                |             | 2.90 V             | 335                  | 63.4             | 39.7                     |
| 2                                                   | *5550.00    | 93.7 AV                 |                |             | 2.90 V             | 335                  | 54.0             | 39.7                     |
| 3                                                   | 11100.00    | 60.3 PK                 | 74.0           | -13.7       | 2.29 V             | 229                  | 42.3             | 18.0                     |
| 4                                                   | 11100.00    | 47.2 AV                 | 54.0           | -6.8        | 2.29 V             | 229                  | 29.2             | 18.0                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 134 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5670.00    | 102.8 PK                |                |             | 1.47 H             | 185                  | 63.0             | 39.8                     |
| 2                                                   | *5670.00    | 93.8 AV                 |                |             | 1.47 H             | 185                  | 54.0             | 39.8                     |
| 3                                                   | #5725.00    | 55.4 PK                 | 68.2           | -12.8       | 1.47 H             | 185                  | 51.2             | 4.2                      |
| 4                                                   | 11340.00    | 60.3 PK                 | 74.0           | -13.7       | 2.73 H             | 320                  | 42.1             | 18.2                     |
| 5                                                   | 11340.00    | 47.0 AV                 | 54.0           | -7.0        | 2.73 H             | 320                  | 28.8             | 18.2                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5670.00    | 105.8 PK                |                |             | 2.91 V             | 335                  | 66.0             | 39.8                     |
| 2                                                   | *5670.00    | 96.8 AV                 |                |             | 2.91 V             | 335                  | 57.0             | 39.8                     |
| 3                                                   | #5725.00    | 55.8 PK                 | 68.2           | -12.4       | 2.91 V             | 335                  | 51.6             | 4.2                      |
| 4                                                   | 11340.00    | 60.6 PK                 | 74.0           | -13.4       | 2.15 V             | 230                  | 42.4             | 18.2                     |
| 5                                                   | 11340.00    | 47.4 AV                 | 54.0           | -6.6        | 2.15 V             | 230                  | 29.2             | 18.2                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 142 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 55.3 PK                 | 68.2           | -12.9       | 1.49 H             | 187                  | 51.5             | 3.8                      |
| 2                                                   | *5710.00    | 102.5 PK                |                |             | 1.49 H             | 187                  | 62.5             | 40.0                     |
| 3                                                   | *5710.00    | 93.3 AV                 |                |             | 1.49 H             | 187                  | 53.3             | 40.0                     |
| 4                                                   | #5850.00    | 55.0 PK                 | 68.2           | -13.2       | 1.49 H             | 187                  | 50.3             | 4.7                      |
| 5                                                   | 11420.00    | 60.0 PK                 | 74.0           | -14.0       | 2.77 H             | 322                  | 42.0             | 18.0                     |
| 6                                                   | 11420.00    | 47.1 AV                 | 54.0           | -6.9        | 2.77 H             | 322                  | 29.1             | 18.0                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 55.3 PK                 | 68.2           | -12.9       | 2.95 V             | 338                  | 51.5             | 3.8                      |
| 2                                                   | *5710.00    | 105.5 PK                |                |             | 2.95 V             | 338                  | 65.5             | 40.0                     |
| 3                                                   | *5710.00    | 96.4 AV                 |                |             | 2.95 V             | 338                  | 56.4             | 40.0                     |
| 4                                                   | #5850.00    | 55.0 PK                 | 68.2           | -13.2       | 2.95 V             | 338                  | 50.3             | 4.7                      |
| 5                                                   | 11420.00    | 60.2 PK                 | 74.0           | -13.8       | 2.19 V             | 233                  | 42.2             | 18.0                     |
| 6                                                   | 11420.00    | 47.2 AV                 | 54.0           | -6.8        | 2.19 V             | 233                  | 29.2             | 18.0                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 151 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5755.00    | 104.2 PK                |                |             | 1.23 H             | 151                  | 62.2             | 42.0                     |
| 2                                                   | *5755.00    | 94.7 AV                 |                |             | 1.23 H             | 151                  | 52.7             | 42.0                     |
| 3                                                   | 11510.00    | 59.4 PK                 | 74.0           | -14.6       | 2.80 H             | 334                  | 41.5             | 17.9                     |
| 4                                                   | 11510.00    | 46.2 AV                 | 54.0           | -7.8        | 2.80 H             | 334                  | 28.3             | 17.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5755.00    | 107.4 PK                |                |             | 2.87 V             | 334                  | 65.4             | 42.0                     |
| 2                                                   | *5755.00    | 98.1 AV                 |                |             | 2.87 V             | 334                  | 56.1             | 42.0                     |
| 3                                                   | 11510.00    | 59.6 PK                 | 74.0           | -14.4       | 2.29 V             | 244                  | 41.7             | 17.9                     |
| 4                                                   | 11510.00    | 46.4 AV                 | 54.0           | -7.6        | 2.29 V             | 244                  | 28.5             | 17.9                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 159 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5795.00    | 104.0 PK                |                |             | 1.18 H             | 151                  | 62.0             | 42.0                     |
| 2                                                   | *5795.00    | 94.5 AV                 |                |             | 1.18 H             | 151                  | 52.5             | 42.0                     |
| 3                                                   | 11590.00    | 59.2 PK                 | 74.0           | -14.8       | 2.63 H             | 312                  | 41.7             | 17.5                     |
| 4                                                   | 11590.00    | 45.1 AV                 | 54.0           | -8.9        | 2.63 H             | 312                  | 27.6             | 17.5                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5795.00    | 104.4 PK                |                |             | 2.90 V             | 358                  | 62.4             | 42.0                     |
| 2                                                   | *5795.00    | 95.5 AV                 |                |             | 2.90 V             | 358                  | 53.5             | 42.0                     |
| 3                                                   | 11590.00    | 59.5 PK                 | 74.0           | -14.5       | 2.28 V             | 235                  | 42.0             | 17.5                     |
| 4                                                   | 11590.00    | 45.4 AV                 | 54.0           | -8.6        | 2.28 V             | 235                  | 27.9             | 17.5                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

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|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 42 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 56.0 PK                 | 74.0           | -18.0       | 1.73 H             | 160                  | 52.5             | 3.5                      |
| 2                                                   | 5150.00     | 43.0 AV                 | 54.0           | -11.0       | 1.73 H             | 160                  | 39.5             | 3.5                      |
| 3                                                   | *5210.00    | 96.7 PK                 |                |             | 1.73 H             | 160                  | 57.5             | 39.2                     |
| 4                                                   | *5210.00    | 86.9 AV                 |                |             | 1.73 H             | 160                  | 47.7             | 39.2                     |
| 5                                                   | 5350.00     | 54.7 PK                 | 74.0           | -19.3       | 1.73 H             | 160                  | 51.1             | 3.6                      |
| 6                                                   | 5350.00     | 41.6 AV                 | 54.0           | -12.4       | 1.73 H             | 160                  | 38.0             | 3.6                      |
| 7                                                   | #10420.00   | 58.9 PK                 | 68.2           | -9.3        | 2.99 H             | 333                  | 41.6             | 17.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 62.1 PK                 | 74.0           | -11.9       | 2.86 V             | 338                  | 58.6             | 3.5                      |
| 2                                                   | 5150.00     | 48.4 AV                 | 54.0           | -5.6        | 2.86 V             | 338                  | 44.9             | 3.5                      |
| 3                                                   | *5210.00    | 100.2 PK                |                |             | 2.86 V             | 338                  | 61.0             | 39.2                     |
| 4                                                   | *5210.00    | 90.2 AV                 |                |             | 2.86 V             | 338                  | 51.0             | 39.2                     |
| 5                                                   | 5350.00     | 55.4 PK                 | 74.0           | -18.6       | 2.86 V             | 338                  | 51.8             | 3.6                      |
| 6                                                   | 5350.00     | 42.4 AV                 | 54.0           | -11.6       | 2.86 V             | 338                  | 38.8             | 3.6                      |
| 7                                                   | #10420.00   | 59.6 PK                 | 68.2           | -8.6        | 2.17 V             | 222                  | 42.3             | 17.3                     |

## REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 58 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 54.6 PK                 | 74.0           | -19.4       | 1.25 H             | 160                  | 51.1             | 3.5                      |
| 2                                                   | 5150.00     | 41.7 AV                 | 54.0           | -12.3       | 1.25 H             | 160                  | 38.2             | 3.5                      |
| 3                                                   | *5290.00    | 97.8 PK                 |                |             | 1.25 H             | 160                  | 58.7             | 39.1                     |
| 4                                                   | *5290.00    | 88.1 AV                 |                |             | 1.25 H             | 160                  | 49.0             | 39.1                     |
| 5                                                   | 5350.00     | 55.5 PK                 | 74.0           | -18.5       | 1.25 H             | 160                  | 51.9             | 3.6                      |
| 6                                                   | 5350.00     | 43.5 AV                 | 54.0           | -10.5       | 1.25 H             | 160                  | 39.9             | 3.6                      |
| 7                                                   | #10580.00   | 58.7 PK                 | 68.2           | -9.5        | 2.70 H             | 312                  | 41.0             | 17.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 54.9 PK                 | 74.0           | -19.1       | 2.89 V             | 355                  | 51.4             | 3.5                      |
| 2                                                   | 5150.00     | 41.9 AV                 | 54.0           | -12.1       | 2.89 V             | 355                  | 38.4             | 3.5                      |
| 3                                                   | *5290.00    | 100.0 PK                |                |             | 2.89 V             | 355                  | 60.9             | 39.1                     |
| 4                                                   | *5290.00    | 90.1 AV                 |                |             | 2.89 V             | 355                  | 51.0             | 39.1                     |
| 5                                                   | 5350.00     | 55.7 PK                 | 74.0           | -18.3       | 2.89 V             | 355                  | 52.1             | 3.6                      |
| 6                                                   | 5350.00     | 43.8 AV                 | 54.0           | -10.2       | 2.89 V             | 355                  | 40.2             | 3.6                      |
| 7                                                   | #10580.00   | 58.9 PK                 | 68.2           | -9.3        | 2.27 V             | 228                  | 41.2             | 17.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                   |              |
|-----------------|----------------|-------------------|--------------|
| CHANNEL         | TX Channel 106 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz   |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 57.0 PK                 | 74.0           | -17.0       | 1.31 H             | 169                  | 53.2             | 3.8                      |
| 2                                                   | 5460.00     | 43.2 AV                 | 54.0           | -10.8       | 1.31 H             | 169                  | 39.4             | 3.8                      |
| 3                                                   | #5470.00    | 57.3 PK                 | 68.2           | -10.9       | 1.31 H             | 169                  | 53.5             | 3.8                      |
| 4                                                   | *5530.00    | 97.5 PK                 |                |             | 1.31 H             | 169                  | 57.8             | 39.7                     |
| 5                                                   | *5530.00    | 86.8 AV                 |                |             | 1.31 H             | 169                  | 47.1             | 39.7                     |
| 6                                                   | #5725.00    | 54.9 PK                 | 68.2           | -13.3       | 1.31 H             | 169                  | 50.7             | 4.2                      |
| 7                                                   | 11060.00    | 60.1 PK                 | 74.0           | -13.9       | 2.63 H             | 309                  | 41.8             | 18.3                     |
| 8                                                   | 11060.00    | 47.0 AV                 | 54.0           | -7.0        | 2.63 H             | 309                  | 28.7             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 59.4 PK                 | 74.0           | -14.6       | 2.96 V             | 347                  | 55.6             | 3.8                      |
| 2                                                   | 5460.00     | 45.3 AV                 | 54.0           | -8.7        | 2.96 V             | 347                  | 41.5             | 3.8                      |
| 3                                                   | #5470.00    | 60.1 PK                 | 68.2           | -8.1        | 2.96 V             | 347                  | 56.3             | 3.8                      |
| 4                                                   | *5530.00    | 98.7 PK                 |                |             | 2.96 V             | 347                  | 59.0             | 39.7                     |
| 5                                                   | *5530.00    | 88.7 AV                 |                |             | 2.96 V             | 347                  | 49.0             | 39.7                     |
| 6                                                   | #5725.00    | 55.1 PK                 | 68.2           | -13.1       | 2.96 V             | 347                  | 50.9             | 4.2                      |
| 7                                                   | 11060.00    | 60.4 PK                 | 74.0           | -13.6       | 2.03 V             | 228                  | 42.1             | 18.3                     |
| 8                                                   | 11060.00    | 47.3 AV                 | 54.0           | -6.7        | 2.03 V             | 228                  | 29.0             | 18.3                     |

# REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 122 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.7 PK                 | 74.0           | -19.3       | 1.78 H             | 159                  | 50.9             | 3.8                      |
| 2                                                   | 5460.00     | 41.3 AV                 | 54.0           | -12.7       | 1.78 H             | 159                  | 37.5             | 3.8                      |
| 3                                                   | #5470.00    | 54.8 PK                 | 68.2           | -13.4       | 1.78 H             | 159                  | 51.0             | 3.8                      |
| 4                                                   | *5610.00    | 98.2 PK                 |                |             | 1.78 H             | 159                  | 58.4             | 39.8                     |
| 5                                                   | *5610.00    | 88.1 AV                 |                |             | 1.78 H             | 159                  | 48.3             | 39.8                     |
| 6                                                   | #5725.00    | 55.3 PK                 | 68.2           | -12.9       | 1.78 H             | 159                  | 51.1             | 4.2                      |
| 7                                                   | 11220.00    | 60.4 PK                 | 74.0           | -13.6       | 2.72 H             | 311                  | 42.0             | 18.4                     |
| 8                                                   | 11220.00    | 47.3 AV                 | 54.0           | -6.7        | 2.72 H             | 311                  | 28.9             | 18.4                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.9 PK                 | 74.0           | -19.1       | 2.97 V             | 334                  | 51.1             | 3.8                      |
| 2                                                   | 5460.00     | 41.4 AV                 | 54.0           | -12.6       | 2.97 V             | 334                  | 37.6             | 3.8                      |
| 3                                                   | #5470.00    | 55.1 PK                 | 68.2           | -13.1       | 2.97 V             | 334                  | 51.3             | 3.8                      |
| 4                                                   | *5610.00    | 102.0 PK                |                |             | 2.97 V             | 334                  | 62.2             | 39.8                     |
| 5                                                   | *5610.00    | 92.4 AV                 |                |             | 2.97 V             | 334                  | 52.6             | 39.8                     |
| 6                                                   | #5725.00    | 55.6 PK                 | 68.2           | -12.6       | 2.97 V             | 334                  | 51.4             | 4.2                      |
| 7                                                   | 11220.00    | 60.7 PK                 | 74.0           | -13.3       | 2.16 V             | 219                  | 42.3             | 18.4                     |
| 8                                                   | 11220.00    | 47.6 AV                 | 54.0           | -6.4        | 2.16 V             | 219                  | 29.2             | 18.4                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                 |                |                   |              |
|-----------------|----------------|-------------------|--------------|
| CHANNEL         | TX Channel 138 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz   |                   | Average (AV) |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1   | #5470.00    | 55.6 PK                 | 68.2           | -12.6       | 1.81 H             | 158                  | 51.8             | 3.8                      |
| 2   | *5690.00    | 98.0 PK                 |                |             | 1.81 H             | 158                  | 58.2             | 39.8                     |
| 3   | *5690.00    | 88.0 AV                 |                |             | 1.81 H             | 158                  | 48.2             | 39.8                     |
| 4   | #5850.00    | 55.3 PK                 | 68.2           | -12.9       | 1.81 H             | 158                  | 50.6             | 4.7                      |
| 5   | 11380.00    | 60.0 PK                 | 74.0           | -14.0       | 2.77 H             | 319                  | 41.9             | 18.1                     |
| 6   | 11380.00    | 47.1 AV                 | 54.0           | -6.9        | 2.77 H             | 319                  | 29.0             | 18.1                     |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| NO. | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
|-----|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| 1   | #5470.00    | 55.5 PK                 | 68.2           | -12.7       | 2.99 V             | 336                  | 51.7             | 3.8                      |
| 2   | *5690.00    | 101.8 PK                |                |             | 2.99 V             | 336                  | 62.0             | 39.8                     |
| 3   | *5690.00    | 92.1 AV                 |                |             | 2.99 V             | 336                  | 52.3             | 39.8                     |
| 4   | #5850.00    | 55.3 PK                 | 68.2           | -12.9       | 2.99 V             | 336                  | 50.6             | 4.7                      |
| 5   | 11380.00    | 60.2 PK                 | 74.0           | -13.8       | 2.20 V             | 225                  | 42.1             | 18.1                     |
| 6   | 11380.00    | 47.4 AV                 | 54.0           | -6.6        | 2.20 V             | 225                  | 29.3             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 155 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5650.00    | 56.8 PK                 | 68.2           | -11.4       | 1.42 H             | 151                  | 50.7             | 6.1                      |
| 2                                                   | *5775.00    | 100.0 PK                |                |             | 1.42 H             | 151                  | 58.0             | 42.0                     |
| 3                                                   | *5775.00    | 90.8 AV                 |                |             | 1.42 H             | 151                  | 48.8             | 42.0                     |
| 4                                                   | #5925.00    | 58.8 PK                 | 68.2           | -9.4        | 1.42 H             | 151                  | 51.8             | 7.0                      |
| 5                                                   | 11550.00    | 59.6 PK                 | 74.0           | -14.4       | 2.75 H             | 319                  | 41.8             | 17.8                     |
| 6                                                   | 11550.00    | 45.7 AV                 | 54.0           | -8.3        | 2.75 H             | 319                  | 27.9             | 17.8                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5650.00    | 57.7 PK                 | 68.2           | -10.5       | 2.87 V             | 333                  | 51.6             | 6.1                      |
| 2                                                   | *5775.00    | 104.0 PK                |                |             | 2.87 V             | 333                  | 62.0             | 42.0                     |
| 3                                                   | *5775.00    | 93.8 AV                 |                |             | 2.87 V             | 333                  | 51.8             | 42.0                     |
| 4                                                   | #5925.00    | 59.2 PK                 | 68.2           | -9.0        | 2.87 V             | 333                  | 52.2             | 7.0                      |
| 5                                                   | 11550.00    | 59.8 PK                 | 74.0           | -14.2       | 2.30 V             | 247                  | 42.0             | 17.8                     |
| 6                                                   | 11550.00    | 45.9 AV                 | 54.0           | -8.1        | 2.30 V             | 247                  | 28.1             | 17.8                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

# ABOVE 1GHz DATA

## Mode B

### 802.11a

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 36 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.6 PK                 | 74.0           | -18.4       | 1.46 H             | 157                  | 52.1             | 3.5                      |
| 2                                                   | 5150.00     | 42.2 AV                 | 54.0           | -11.8       | 1.46 H             | 157                  | 38.7             | 3.5                      |
| 3                                                   | *5180.00    | 103.6 PK                |                |             | 1.46 H             | 157                  | 64.3             | 39.3                     |
| 4                                                   | *5180.00    | 94.1 AV                 |                |             | 1.46 H             | 157                  | 54.8             | 39.3                     |
| 5                                                   | #10360.00   | 58.8 PK                 | 68.2           | -9.4        | 2.66 H             | 309                  | 41.9             | 16.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.7 PK                 | 74.0           | -18.3       | 2.54 V             | 320                  | 52.2             | 3.5                      |
| 2                                                   | 5150.00     | 42.5 AV                 | 54.0           | -11.5       | 2.54 V             | 320                  | 39.0             | 3.5                      |
| 3                                                   | *5180.00    | 106.1 PK                |                |             | 2.54 V             | 320                  | 66.8             | 39.3                     |
| 4                                                   | *5180.00    | 96.1 AV                 |                |             | 2.54 V             | 320                  | 56.8             | 39.3                     |
| 5                                                   | #10360.00   | 59.1 PK                 | 68.2           | -9.1        | 1.93 V             | 223                  | 42.2             | 16.9                     |

#### REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 40 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5200.00    | 103.1 PK                |                |             | 1.39 H             | 157                  | 63.8             | 39.3                     |
| 2                                                   | *5200.00    | 93.8 AV                 |                |             | 1.39 H             | 157                  | 54.5             | 39.3                     |
| 3                                                   | #10400.00   | 59.2 PK                 | 68.2           | -9.0        | 2.58 H             | 315                  | 42.1             | 17.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5200.00    | 105.9 PK                |                |             | 2.86 V             | 355                  | 66.6             | 39.3                     |
| 2                                                   | *5200.00    | 96.2 AV                 |                |             | 2.86 V             | 355                  | 56.9             | 39.3                     |
| 3                                                   | #10400.00   | 59.5 PK                 | 68.2           | -8.7        | 2.01 V             | 242                  | 42.4             | 17.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 48 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5240.00    | 103.2 PK                |                |             | 1.36 H             | 156                  | 64.1             | 39.1                     |
| 2                                                   | *5240.00    | 93.7 AV                 |                |             | 1.36 H             | 156                  | 54.6             | 39.1                     |
| 3                                                   | 5350.00     | 54.4 PK                 | 74.0           | -19.6       | 1.36 H             | 156                  | 50.8             | 3.6                      |
| 4                                                   | 5350.00     | 41.3 AV                 | 54.0           | -12.7       | 1.36 H             | 156                  | 37.7             | 3.6                      |
| 5                                                   | #10480.00   | 59.1 PK                 | 68.2           | -9.1        | 2.63 H             | 302                  | 41.5             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5240.00    | 106.6 PK                |                |             | 2.71 V             | 355                  | 67.5             | 39.1                     |
| 2                                                   | *5240.00    | 97.3 AV                 |                |             | 2.71 V             | 355                  | 58.2             | 39.1                     |
| 3                                                   | 5350.00     | 54.8 PK                 | 74.0           | -19.2       | 2.71 V             | 355                  | 51.2             | 3.6                      |
| 4                                                   | 5350.00     | 41.8 AV                 | 54.0           | -12.2       | 2.71 V             | 355                  | 38.2             | 3.6                      |
| 5                                                   | #10480.00   | 59.4 PK                 | 68.2           | -8.8        | 1.99 V             | 220                  | 41.8             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 52 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.1 PK                 | 74.0           | -18.9       | 1.55 H             | 157                  | 51.6             | 3.5                      |
| 2                                                   | 5150.00     | 41.4 AV                 | 54.0           | -12.6       | 1.55 H             | 157                  | 37.9             | 3.5                      |
| 3                                                   | *5260.00    | 103.7 PK                |                |             | 1.55 H             | 157                  | 64.7             | 39.0                     |
| 4                                                   | *5260.00    | 94.2 AV                 |                |             | 1.55 H             | 157                  | 55.2             | 39.0                     |
| 5                                                   | #10520.00   | 58.9 PK                 | 68.2           | -9.3        | 2.75 H             | 313                  | 41.3             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.7 PK                 | 74.0           | -18.3       | 2.84 V             | 354                  | 52.2             | 3.5                      |
| 2                                                   | 5150.00     | 42.0 AV                 | 54.0           | -12.0       | 2.84 V             | 354                  | 38.5             | 3.5                      |
| 3                                                   | *5260.00    | 107.5 PK                |                |             | 2.84 V             | 354                  | 68.5             | 39.0                     |
| 4                                                   | *5260.00    | 98.0 AV                 |                |             | 2.84 V             | 354                  | 59.0             | 39.0                     |
| 5                                                   | #10520.00   | 59.3 PK                 | 68.2           | -8.9        | 2.10 V             | 235                  | 41.7             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 60 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5300.00    | 105.3 PK                |                |             | 1.46 H             | 157                  | 66.2             | 39.1                     |
| 2                                                   | *5300.00    | 96.4 AV                 |                |             | 1.46 H             | 157                  | 57.3             | 39.1                     |
| 3                                                   | 10600.00    | 58.5 PK                 | 74.0           | -15.5       | 2.58 H             | 311                  | 41.0             | 17.5                     |
| 4                                                   | 10600.00    | 44.9 AV                 | 54.0           | -9.1        | 2.58 H             | 311                  | 27.4             | 17.5                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5300.00    | 107.7 PK                |                |             | 2.92 V             | 355                  | 68.6             | 39.1                     |
| 2                                                   | *5300.00    | 98.6 AV                 |                |             | 2.92 V             | 355                  | 59.5             | 39.1                     |
| 3                                                   | 10600.00    | 58.7 PK                 | 74.0           | -15.3       | 2.13 V             | 229                  | 41.2             | 17.5                     |
| 4                                                   | 10600.00    | 45.1 AV                 | 54.0           | -8.9        | 2.13 V             | 229                  | 27.6             | 17.5                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 64 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5320.00    | 104.4 PK                |                |             | 1.75 H             | 155                  | 65.2             | 39.2                     |
| 2                                                   | *5320.00    | 94.8 AV                 |                |             | 1.75 H             | 155                  | 55.6             | 39.2                     |
| 3                                                   | 5350.00     | 54.4 PK                 | 74.0           | -19.6       | 1.75 H             | 155                  | 50.8             | 3.6                      |
| 4                                                   | 5350.00     | 42.1 AV                 | 54.0           | -11.9       | 1.75 H             | 155                  | 38.5             | 3.6                      |
| 5                                                   | 10640.00    | 59.0 PK                 | 74.0           | -15.0       | 2.58 H             | 317                  | 41.4             | 17.6                     |
| 6                                                   | 10640.00    | 45.2 AV                 | 54.0           | -8.8        | 2.58 H             | 317                  | 27.6             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5320.00    | 107.6 PK                |                |             | 2.86 V             | 353                  | 68.4             | 39.2                     |
| 2                                                   | *5320.00    | 98.0 AV                 |                |             | 2.86 V             | 353                  | 58.8             | 39.2                     |
| 3                                                   | 5350.00     | 55.2 PK                 | 74.0           | -18.8       | 2.86 V             | 353                  | 51.6             | 3.6                      |
| 4                                                   | 5350.00     | 42.4 AV                 | 54.0           | -11.6       | 2.86 V             | 353                  | 38.8             | 3.6                      |
| 5                                                   | 10640.00    | 58.8 PK                 | 74.0           | -15.2       | 2.20 V             | 230                  | 41.2             | 17.6                     |
| 6                                                   | 10640.00    | 45.1 AV                 | 54.0           | -8.9        | 2.20 V             | 230                  | 27.5             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 100 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.6 PK                 | 74.0           | -19.4       | 1.51 H             | 180                  | 50.8             | 3.8                      |
| 2                                                   | 5460.00     | 41.8 AV                 | 54.0           | -12.2       | 1.51 H             | 180                  | 38.0             | 3.8                      |
| 3                                                   | #5470.00    | 54.8 PK                 | 68.2           | -13.4       | 1.51 H             | 180                  | 51.0             | 3.8                      |
| 4                                                   | *5500.00    | 103.9 PK                |                |             | 1.51 H             | 180                  | 64.2             | 39.7                     |
| 5                                                   | *5500.00    | 94.7 AV                 |                |             | 1.51 H             | 180                  | 55.0             | 39.7                     |
| 6                                                   | 11000.00    | 60.5 PK                 | 74.0           | -13.5       | 2.69 H             | 315                  | 41.8             | 18.7                     |
| 7                                                   | 11000.00    | 47.0 AV                 | 54.0           | -7.0        | 2.69 H             | 315                  | 28.3             | 18.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.8 PK                 | 74.0           | -19.2       | 3.05 V             | 353                  | 51.0             | 3.8                      |
| 2                                                   | 5460.00     | 42.0 AV                 | 54.0           | -12.0       | 3.05 V             | 353                  | 38.2             | 3.8                      |
| 3                                                   | #5470.00    | 55.1 PK                 | 68.2           | -13.1       | 3.05 V             | 353                  | 51.3             | 3.8                      |
| 4                                                   | *5500.00    | 105.9 PK                |                |             | 3.05 V             | 353                  | 66.2             | 39.7                     |
| 5                                                   | *5500.00    | 96.6 AV                 |                |             | 3.05 V             | 353                  | 56.9             | 39.7                     |
| 6                                                   | 11000.00    | 60.9 PK                 | 74.0           | -13.1       | 2.02 V             | 226                  | 42.2             | 18.7                     |
| 7                                                   | 11000.00    | 47.8 AV                 | 54.0           | -6.2        | 2.02 V             | 226                  | 29.1             | 18.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 116 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5580.00    | 104.0 PK                |                |             | 1.58 H             | 176                  | 64.3             | 39.7                     |
| 2                                                   | *5580.00    | 94.7 AV                 |                |             | 1.58 H             | 176                  | 55.0             | 39.7                     |
| 3                                                   | 11160.00    | 60.1 PK                 | 74.0           | -13.9       | 2.71 H             | 323                  | 41.8             | 18.3                     |
| 4                                                   | 11160.00    | 47.1 AV                 | 54.0           | -6.9        | 2.71 H             | 323                  | 28.8             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5580.00    | 105.7 PK                |                |             | 2.99 V             | 351                  | 66.0             | 39.7                     |
| 2                                                   | *5580.00    | 96.4 AV                 |                |             | 2.99 V             | 351                  | 56.7             | 39.7                     |
| 3                                                   | 11160.00    | 60.4 PK                 | 74.0           | -13.6       | 2.05 V             | 229                  | 42.1             | 18.3                     |
| 4                                                   | 11160.00    | 47.3 AV                 | 54.0           | -6.7        | 2.05 V             | 229                  | 29.0             | 18.3                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 140 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5700.00    | 103.5 PK                |                |             | 1.00 H             | 183                  | 63.7             | 39.8                     |
| 2                                                   | *5700.00    | 94.7 AV                 |                |             | 1.00 H             | 183                  | 54.9             | 39.8                     |
| 3                                                   | #5725.00    | 54.8 PK                 | 68.2           | -13.4       | 1.52 H             | 183                  | 50.6             | 4.2                      |
| 4                                                   | 11140.00    | 60.0 PK                 | 74.0           | -14.0       | 2.58 H             | 320                  | 41.9             | 18.1                     |
| 5                                                   | 11140.00    | 46.8 AV                 | 54.0           | -7.2        | 2.58 H             | 320                  | 28.7             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5700.00    | 105.8 PK                |                |             | 2.67 V             | 351                  | 66.0             | 39.8                     |
| 2                                                   | *5700.00    | 96.7 AV                 |                |             | 2.67 V             | 351                  | 56.9             | 39.8                     |
| 3                                                   | #5725.00    | 55.3 PK                 | 68.2           | -12.9       | 2.67 V             | 351                  | 51.1             | 4.2                      |
| 4                                                   | 11400.00    | 60.2 PK                 | 74.0           | -13.8       | 2.06 V             | 231                  | 42.1             | 18.1                     |
| 5                                                   | 11400.00    | 47.1 AV                 | 54.0           | -6.9        | 2.06 V             | 231                  | 29.0             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 144 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 54.2 PK                 | 68.2           | -14.0       | 1.01 H             | 185                  | 50.4             | 3.8                      |
| 2                                                   | *5720.00    | 103.2 PK                |                |             | 1.01 H             | 185                  | 63.2             | 40.0                     |
| 3                                                   | *5720.00    | 94.5 AV                 |                |             | 1.01 H             | 185                  | 54.5             | 40.0                     |
| 4                                                   | #5850.00    | 54.5 PK                 | 68.2           | -13.7       | 1.01 H             | 185                  | 49.8             | 4.7                      |
| 5                                                   | 11440.00    | 59.8 PK                 | 74.0           | -14.2       | 2.55 H             | 323                  | 41.7             | 18.1                     |
| 6                                                   | 11440.00    | 46.2 AV                 | 54.0           | -7.8        | 2.55 H             | 323                  | 28.1             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 54.8 PK                 | 68.2           | -13.4       | 2.66 V             | 352                  | 51.0             | 3.8                      |
| 2                                                   | *5720.00    | 105.5 PK                |                |             | 2.66 V             | 352                  | 65.5             | 40.0                     |
| 3                                                   | *5720.00    | 96.3 AV                 |                |             | 2.66 V             | 352                  | 56.3             | 40.0                     |
| 4                                                   | #5850.00    | 55.9 PK                 | 68.2           | -12.3       | 2.66 V             | 352                  | 51.2             | 4.7                      |
| 5                                                   | 11440.00    | 59.8 PK                 | 74.0           | -14.2       | 2.11 V             | 236                  | 41.7             | 18.1                     |
| 6                                                   | 11440.00    | 47.0 AV                 | 54.0           | -7.0        | 2.11 V             | 236                  | 28.9             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 149 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5745.00    | 104.0 PK                |                |             | 1.21 H             | 198                  | 64.0             | 40.0                     |
| 2                                                   | *5745.00    | 94.6 AV                 |                |             | 1.21 H             | 198                  | 54.6             | 40.0                     |
| 3                                                   | 11490.00    | 59.5 PK                 | 74.0           | -14.5       | 2.62 H             | 309                  | 41.2             | 18.3                     |
| 4                                                   | 11490.00    | 45.7 AV                 | 54.0           | -8.3        | 2.62 H             | 309                  | 27.4             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5745.00    | 106.7 PK                |                |             | 2.48 V             | 350                  | 66.7             | 40.0                     |
| 2                                                   | *5745.00    | 97.5 AV                 |                |             | 2.48 V             | 350                  | 57.5             | 40.0                     |
| 3                                                   | 11490.00    | 59.8 PK                 | 74.0           | -14.2       | 2.33 V             | 245                  | 41.5             | 18.3                     |
| 4                                                   | 11490.00    | 46.2 AV                 | 54.0           | -7.8        | 2.33 V             | 245                  | 27.9             | 18.3                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 157 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5785.00    | 104.5 PK                |                |             | 1.21 H             | 199                  | 64.3             | 40.2                     |
| 2                                                   | *5785.00    | 95.4 AV                 |                |             | 1.21 H             | 199                  | 55.2             | 40.2                     |
| 3                                                   | 11570.00    | 59.9 PK                 | 74.0           | -14.1       | 2.82 H             | 330                  | 42.0             | 17.9                     |
| 4                                                   | 11570.00    | 45.8 AV                 | 54.0           | -8.2        | 2.82 H             | 330                  | 27.9             | 17.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5785.00    | 107.0 PK                |                |             | 2.64 V             | 349                  | 66.8             | 40.2                     |
| 2                                                   | *5785.00    | 97.7 AV                 |                |             | 2.64 V             | 349                  | 57.5             | 40.2                     |
| 3                                                   | 11570.00    | 59.7 PK                 | 74.0           | -14.3       | 2.15 V             | 233                  | 41.8             | 17.9                     |
| 4                                                   | 11570.00    | 46.0 AV                 | 54.0           | -8.0        | 2.15 V             | 233                  | 28.1             | 17.9                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 165 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5825.00    | 104.3 PK                |                |             | 1.21 H             | 199                  | 63.9             | 40.4                     |
| 2                                                   | *5825.00    | 94.7 AV                 |                |             | 1.21 H             | 199                  | 54.3             | 40.4                     |
| 3                                                   | 11650.00    | 59.2 PK                 | 74.0           | -14.8       | 2.78 H             | 320                  | 41.3             | 17.9                     |
| 4                                                   | 11650.00    | 45.5 AV                 | 54.0           | -8.5        | 2.78 H             | 320                  | 27.6             | 17.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5825.00    | 106.6 PK                |                |             | 2.65 V             | 348                  | 66.2             | 40.4                     |
| 2                                                   | *5825.00    | 97.4 AV                 |                |             | 2.65 V             | 348                  | 57.0             | 40.4                     |
| 3                                                   | 11650.00    | 59.3 PK                 | 74.0           | -14.7       | 2.19 V             | 242                  | 41.4             | 17.9                     |
| 4                                                   | 11650.00    | 45.6 AV                 | 54.0           | -8.4        | 2.19 V             | 242                  | 27.7             | 17.9                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

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|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 36 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 54.9 PK                 | 74.0           | -19.1       | 2.02 H             | 161                  | 51.4             | 3.5                      |
| 2                                                   | 5150.00     | 42.2 AV                 | 54.0           | -11.8       | 2.02 H             | 161                  | 38.7             | 3.5                      |
| 3                                                   | *5180.00    | 104.1 PK                |                |             | 2.02 H             | 161                  | 64.8             | 39.3                     |
| 4                                                   | *5180.00    | 93.8 AV                 |                |             | 2.02 H             | 161                  | 54.5             | 39.3                     |
| 5                                                   | #10360.00   | 58.8 PK                 | 68.2           | -9.4        | 2.75 H             | 315                  | 41.9             | 16.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.5 PK                 | 74.0           | -18.5       | 2.76 V             | 354                  | 52.0             | 3.5                      |
| 2                                                   | 5150.00     | 42.5 AV                 | 54.0           | -11.5       | 2.76 V             | 354                  | 39.0             | 3.5                      |
| 3                                                   | *5180.00    | 105.9 PK                |                |             | 2.76 V             | 354                  | 66.6             | 39.3                     |
| 4                                                   | *5180.00    | 95.9 AV                 |                |             | 2.76 V             | 354                  | 56.6             | 39.3                     |
| 5                                                   | #10360.00   | 59.0 PK                 | 68.2           | -9.2        | 1.97 V             | 213                  | 42.1             | 16.9                     |

## REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 40 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5200.00    | 103.3 PK                |                |             | 1.77 H             | 158                  | 64.0             | 39.3                     |
| 2                                                   | *5200.00    | 94.0 AV                 |                |             | 1.77 H             | 158                  | 54.7             | 39.3                     |
| 3                                                   | #10400.00   | 59.2 PK                 | 68.2           | -9.0        | 2.59 H             | 299                  | 42.1             | 17.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5200.00    | 105.8 PK                |                |             | 2.86 V             | 340                  | 66.5             | 39.3                     |
| 2                                                   | *5200.00    | 96.2 AV                 |                |             | 2.86 V             | 340                  | 56.9             | 39.3                     |
| 3                                                   | #10400.00   | 59.6 PK                 | 68.2           | -8.6        | 1.96 V             | 209                  | 42.5             | 17.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 48 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5240.00    | 103.2 PK                |                |             | 1.36 H             | 160                  | 64.1             | 39.1                     |
| 2                                                   | *5240.00    | 93.7 AV                 |                |             | 1.36 H             | 160                  | 54.6             | 39.1                     |
| 3                                                   | 5350.00     | 54.4 PK                 | 74.0           | -19.6       | 1.36 H             | 160                  | 50.8             | 3.6                      |
| 4                                                   | 5350.00     | 41.4 AV                 | 54.0           | -12.6       | 1.36 H             | 160                  | 37.8             | 3.6                      |
| 5                                                   | #10480.00   | 58.9 PK                 | 68.2           | -9.3        | 2.74 H             | 300                  | 41.3             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5240.00    | 106.6 PK                |                |             | 2.85 V             | 352                  | 67.5             | 39.1                     |
| 2                                                   | *5240.00    | 97.1 AV                 |                |             | 2.85 V             | 352                  | 58.0             | 39.1                     |
| 3                                                   | 5350.00     | 54.9 PK                 | 74.0           | -19.1       | 2.85 V             | 352                  | 51.3             | 3.6                      |
| 4                                                   | 5350.00     | 41.7 AV                 | 54.0           | -12.3       | 2.85 V             | 352                  | 38.1             | 3.6                      |
| 5                                                   | #10480.00   | 59.3 PK                 | 68.2           | -8.9        | 2.00 V             | 235                  | 41.7             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 52 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 54.5 PK                 | 74.0           | -19.5       | 1.23 H             | 160                  | 51.0             | 3.5                      |
| 2                                                   | 5150.00     | 41.4 AV                 | 54.0           | -12.6       | 1.23 H             | 160                  | 37.9             | 3.5                      |
| 3                                                   | *5260.00    | 102.9 PK                |                |             | 1.23 H             | 160                  | 63.9             | 39.0                     |
| 4                                                   | *5260.00    | 93.4 AV                 |                |             | 1.23 H             | 160                  | 54.4             | 39.0                     |
| 5                                                   | #10520.00   | 58.8 PK                 | 68.2           | -9.4        | 2.66 H             | 320                  | 41.2             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 56.1 PK                 | 74.0           | -17.9       | 2.85 V             | 353                  | 52.6             | 3.5                      |
| 2                                                   | 5150.00     | 42.1 AV                 | 54.0           | -11.9       | 2.85 V             | 353                  | 38.6             | 3.5                      |
| 3                                                   | *5260.00    | 106.9 PK                |                |             | 2.85 V             | 353                  | 67.9             | 39.0                     |
| 4                                                   | *5260.00    | 97.4 AV                 |                |             | 2.85 V             | 353                  | 58.4             | 39.0                     |
| 5                                                   | #10520.00   | 59.0 PK                 | 68.2           | -9.2        | 2.15 V             | 220                  | 41.4             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 60 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5300.00    | 104.2 PK                |                |             | 1.55 H             | 152                  | 65.1             | 39.1                     |
| 2                                                   | *5300.00    | 94.7 AV                 |                |             | 1.55 H             | 152                  | 55.6             | 39.1                     |
| 3                                                   | 10600.00    | 58.5 PK                 | 74.0           | -15.5       | 2.75 H             | 323                  | 41.0             | 17.5                     |
| 4                                                   | 10600.00    | 44.8 AV                 | 54.0           | -9.2        | 2.75 H             | 323                  | 27.3             | 17.5                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5300.00    | 107.5 PK                |                |             | 2.87 V             | 342                  | 68.4             | 39.1                     |
| 2                                                   | *5300.00    | 97.9 AV                 |                |             | 2.87 V             | 342                  | 58.8             | 39.1                     |
| 3                                                   | 10600.00    | 58.9 PK                 | 74.0           | -15.1       | 2.19 V             | 230                  | 41.4             | 17.5                     |
| 4                                                   | 10600.00    | 45.2 AV                 | 54.0           | -8.8        | 2.19 V             | 230                  | 27.7             | 17.5                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 64 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5320.00    | 104.3 PK                |                |             | 1.24 H             | 154                  | 65.1             | 39.2                     |
| 2                                                   | *5320.00    | 94.2 AV                 |                |             | 1.24 H             | 154                  | 55.0             | 39.2                     |
| 3                                                   | 5350.00     | 55.0 PK                 | 74.0           | -19.0       | 1.24 H             | 154                  | 51.4             | 3.6                      |
| 4                                                   | 5350.00     | 41.6 AV                 | 54.0           | -12.4       | 1.24 H             | 154                  | 38.0             | 3.6                      |
| 5                                                   | 10640.00    | 58.9 PK                 | 74.0           | -15.1       | 2.85 H             | 330                  | 41.3             | 17.6                     |
| 6                                                   | 10640.00    | 44.9 AV                 | 54.0           | -9.1        | 2.85 H             | 330                  | 27.3             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5320.00    | 107.8 PK                |                |             | 2.87 V             | 352                  | 68.6             | 39.2                     |
| 2                                                   | *5320.00    | 98.1 AV                 |                |             | 2.87 V             | 352                  | 58.9             | 39.2                     |
| 3                                                   | 5350.00     | 55.7 PK                 | 74.0           | -18.3       | 2.87 V             | 352                  | 52.1             | 3.6                      |
| 4                                                   | 5350.00     | 42.1 AV                 | 54.0           | -11.9       | 2.87 V             | 352                  | 38.5             | 3.6                      |
| 5                                                   | 10640.00    | 59.3 PK                 | 74.0           | -14.7       | 2.03 V             | 212                  | 41.7             | 17.6                     |
| 6                                                   | 10640.00    | 45.2 AV                 | 54.0           | -8.8        | 2.03 V             | 212                  | 27.6             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 100 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.3 PK                 | 74.0           | -19.7       | 1.62 H             | 169                  | 50.5             | 3.8                      |
| 2                                                   | 5460.00     | 41.9 AV                 | 54.0           | -12.1       | 1.62 H             | 169                  | 38.1             | 3.8                      |
| 3                                                   | #5470.00    | 54.7 PK                 | 68.2           | -13.5       | 1.62 H             | 169                  | 50.9             | 3.8                      |
| 4                                                   | *5500.00    | 101.5 PK                |                |             | 1.62 H             | 169                  | 61.8             | 39.7                     |
| 5                                                   | *5500.00    | 91.7 AV                 |                |             | 1.62 H             | 169                  | 52.0             | 39.7                     |
| 6                                                   | 11000.00    | 60.5 PK                 | 74.0           | -13.5       | 2.66 H             | 315                  | 41.8             | 18.7                     |
| 7                                                   | 11000.00    | 47.5 AV                 | 54.0           | -6.5        | 2.66 H             | 315                  | 28.8             | 18.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.9 PK                 | 74.0           | -19.1       | 2.98 V             | 350                  | 51.1             | 3.8                      |
| 2                                                   | 5460.00     | 42.2 AV                 | 54.0           | -11.8       | 2.98 V             | 350                  | 38.4             | 3.8                      |
| 3                                                   | #5470.00    | 55.2 PK                 | 68.2           | -13.0       | 2.98 V             | 350                  | 51.4             | 3.8                      |
| 4                                                   | *5500.00    | 105.6 PK                |                |             | 2.98 V             | 350                  | 65.9             | 39.7                     |
| 5                                                   | *5500.00    | 95.6 AV                 |                |             | 2.98 V             | 350                  | 55.9             | 39.7                     |
| 6                                                   | 11000.00    | 60.8 PK                 | 74.0           | -13.2       | 2.05 V             | 232                  | 42.1             | 18.7                     |
| 7                                                   | 11000.00    | 47.8 AV                 | 54.0           | -6.2        | 2.05 V             | 232                  | 29.1             | 18.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 116 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5580.00    | 103.7 PK                |                |             | 1.61 H             | 159                  | 64.0             | 39.7                     |
| 2                                                   | *5580.00    | 94.0 AV                 |                |             | 1.61 H             | 159                  | 54.3             | 39.7                     |
| 3                                                   | 11160.00    | 60.1 PK                 | 74.0           | -13.9       | 2.79 H             | 336                  | 41.8             | 18.3                     |
| 4                                                   | 11160.00    | 46.9 AV                 | 54.0           | -7.1        | 2.79 H             | 336                  | 28.6             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5580.00    | 105.8 PK                |                |             | 2.99 V             | 351                  | 66.1             | 39.7                     |
| 2                                                   | *5580.00    | 96.2 AV                 |                |             | 2.99 V             | 351                  | 56.5             | 39.7                     |
| 3                                                   | 11160.00    | 60.4 PK                 | 74.0           | -13.6       | 2.11 V             | 235                  | 42.1             | 18.3                     |
| 4                                                   | 11160.00    | 47.2 AV                 | 54.0           | -6.8        | 2.11 V             | 235                  | 28.9             | 18.3                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 140 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5700.00    | 103.9 PK                |                |             | 1.54 H             | 183                  | 64.1             | 39.8                     |
| 2                                                   | *5700.00    | 94.0 AV                 |                |             | 1.54 H             | 183                  | 54.2             | 39.8                     |
| 3                                                   | #5725.00    | 55.1 PK                 | 68.2           | -13.1       | 1.54 H             | 183                  | 50.9             | 4.2                      |
| 4                                                   | 11400.00    | 60.0 PK                 | 74.0           | -14.0       | 2.61 H             | 339                  | 41.9             | 18.1                     |
| 5                                                   | 11400.00    | 46.7 AV                 | 54.0           | -7.3        | 2.61 H             | 339                  | 28.6             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5700.00    | 106.7 PK                |                |             | 2.44 V             | 349                  | 66.9             | 39.8                     |
| 2                                                   | *5700.00    | 96.7 AV                 |                |             | 2.44 V             | 349                  | 56.9             | 39.8                     |
| 3                                                   | #5725.00    | 55.6 PK                 | 68.2           | -12.6       | 2.44 V             | 349                  | 51.4             | 4.2                      |
| 4                                                   | 11400.00    | 60.3 PK                 | 74.0           | -13.7       | 2.21 V             | 235                  | 42.2             | 18.1                     |
| 5                                                   | 11400.00    | 47.3 AV                 | 54.0           | -6.7        | 2.21 V             | 235                  | 29.2             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 144 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 54.9 PK                 | 68.2           | -13.3       | 1.59 H             | 187                  | 51.1             | 3.8                      |
| 2                                                   | *5720.00    | 103.5 PK                |                |             | 1.59 H             | 187                  | 63.5             | 40.0                     |
| 3                                                   | *5720.00    | 93.5 AV                 |                |             | 1.59 H             | 187                  | 53.5             | 40.0                     |
| 4                                                   | #5850.00    | 55.0 PK                 | 68.2           | -13.2       | 1.59 H             | 187                  | 50.3             | 4.7                      |
| 5                                                   | 11440.00    | 59.8 PK                 | 74.0           | -14.2       | 2.66 H             | 341                  | 41.7             | 18.1                     |
| 6                                                   | 11440.00    | 46.5 AV                 | 54.0           | -7.5        | 2.66 H             | 341                  | 28.4             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 55.1 PK                 | 68.2           | -13.1       | 2.46 V             | 345                  | 51.3             | 3.8                      |
| 2                                                   | *5720.00    | 106.3 PK                |                |             | 2.46 V             | 345                  | 66.3             | 40.0                     |
| 3                                                   | *5720.00    | 96.2 AV                 |                |             | 2.46 V             | 345                  | 56.2             | 40.0                     |
| 4                                                   | #5850.00    | 55.5 PK                 | 68.2           | -12.7       | 2.46 V             | 345                  | 50.8             | 4.7                      |
| 5                                                   | 11440.00    | 59.9 PK                 | 74.0           | -14.1       | 2.23 V             | 234                  | 41.8             | 18.1                     |
| 6                                                   | 11440.00    | 47.0 AV                 | 54.0           | -7.0        | 2.23 V             | 234                  | 28.9             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 149 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5745.00    | 104.0 PK                |                |             | 1.81 H             | 198                  | 64.0             | 40.0                     |
| 2                                                   | *5745.00    | 94.3 AV                 |                |             | 1.81 H             | 198                  | 54.3             | 40.0                     |
| 3                                                   | 11490.00    | 59.9 PK                 | 74.0           | -14.1       | 2.58 H             | 311                  | 41.6             | 18.3                     |
| 4                                                   | 11490.00    | 46.4 AV                 | 54.0           | -7.6        | 2.58 H             | 311                  | 28.1             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5745.00    | 108.2 PK                |                |             | 2.42 V             | 348                  | 68.2             | 40.0                     |
| 2                                                   | *5745.00    | 98.1 AV                 |                |             | 2.42 V             | 348                  | 58.1             | 40.0                     |
| 3                                                   | 11490.00    | 60.3 PK                 | 74.0           | -13.7       | 2.39 V             | 239                  | 42.0             | 18.3                     |
| 4                                                   | 11490.00    | 46.7 AV                 | 54.0           | -7.3        | 2.39 V             | 239                  | 28.4             | 18.3                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 157 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5785.00    | 104.5 PK                |                |             | 1.79 H             | 198                  | 64.3             | 40.2                     |
| 2                                                   | *5785.00    | 95.2 AV                 |                |             | 1.79 H             | 198                  | 55.0             | 40.2                     |
| 3                                                   | 11570.00    | 59.5 PK                 | 74.0           | -14.5       | 2.64 H             | 328                  | 41.6             | 17.9                     |
| 4                                                   | 11570.00    | 45.6 AV                 | 54.0           | -8.4        | 2.64 H             | 328                  | 27.7             | 17.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5785.00    | 107.2 PK                |                |             | 2.65 V             | 348                  | 67.0             | 40.2                     |
| 2                                                   | *5785.00    | 97.5 AV                 |                |             | 2.65 V             | 348                  | 57.3             | 40.2                     |
| 3                                                   | 11570.00    | 59.8 PK                 | 74.0           | -14.2       | 2.15 V             | 233                  | 41.9             | 17.9                     |
| 4                                                   | 11570.00    | 45.9 AV                 | 54.0           | -8.1        | 2.15 V             | 233                  | 28.0             | 17.9                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                 |                |                   |              |
|-----------------|----------------|-------------------|--------------|
| CHANNEL         | TX Channel 165 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz   |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5825.00    | 105.3 PK                |                |             | 1.98 H             | 198                  | 64.9             | 40.4                     |
| 2                                                   | *5825.00    | 95.4 AV                 |                |             | 1.98 H             | 198                  | 55.0             | 40.4                     |
| 3                                                   | 11650.00    | 59.9 PK                 | 74.0           | -14.1       | 2.63 H             | 337                  | 42.0             | 17.9                     |
| 4                                                   | 11650.00    | 45.7 AV                 | 54.0           | -8.3        | 2.63 H             | 337                  | 27.8             | 17.9                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5825.00    | 107.8 PK                |                |             | 2.61 V             | 348                  | 67.4             | 40.4                     |
| 2                                                   | *5825.00    | 97.8 AV                 |                |             | 2.61 V             | 348                  | 57.4             | 40.4                     |
| 3                                                   | 11650.00    | 60.1 PK                 | 74.0           | -13.9       | 2.23 V             | 241                  | 42.2             | 17.9                     |
| 4                                                   | 11650.00    | 46.0 AV                 | 54.0           | -8.0        | 2.23 V             | 241                  | 28.1             | 17.9                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

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|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 38 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 58.2 PK                 | 74.0           | -15.8       | 1.19 H             | 156                  | 54.7             | 3.5                      |
| 2                                                   | 5150.00     | 44.7 AV                 | 54.0           | -9.3        | 1.19 H             | 156                  | 41.2             | 3.5                      |
| 3                                                   | *5190.00    | 98.6 PK                 |                |             | 1.19 H             | 156                  | 59.3             | 39.3                     |
| 4                                                   | *5190.00    | 89.4 AV                 |                |             | 1.19 H             | 156                  | 50.1             | 39.3                     |
| 5                                                   | #10380.00   | 59.1 PK                 | 68.2           | -9.1        | 2.58 H             | 293                  | 42.1             | 17.0                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 58.6 PK                 | 74.0           | -15.4       | 2.72 V             | 354                  | 55.1             | 3.5                      |
| 2                                                   | 5150.00     | 44.8 AV                 | 54.0           | -9.2        | 2.72 V             | 354                  | 41.3             | 3.5                      |
| 3                                                   | *5190.00    | 102.3 PK                |                |             | 2.72 V             | 354                  | 63.0             | 39.3                     |
| 4                                                   | *5190.00    | 92.9 AV                 |                |             | 2.72 V             | 354                  | 53.6             | 39.3                     |
| 5                                                   | #10380.00   | 58.8 PK                 | 68.2           | -9.4        | 1.97 V             | 209                  | 41.8             | 17.0                     |

## REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 46 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5230.00    | 99.9 PK                 |                |             | 1.20 H             | 144                  | 60.8             | 39.1                     |
| 2                                                   | *5230.00    | 90.6 AV                 |                |             | 1.20 H             | 144                  | 51.5             | 39.1                     |
| 3                                                   | 5350.00     | 54.4 PK                 | 74.0           | -19.6       | 1.20 H             | 144                  | 50.8             | 3.6                      |
| 4                                                   | 5350.00     | 41.5 AV                 | 54.0           | -12.5       | 1.20 H             | 144                  | 37.9             | 3.6                      |
| 5                                                   | #10460.00   | 58.8 PK                 | 68.2           | -9.4        | 2.71 H             | 314                  | 41.4             | 17.4                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5230.00    | 103.7 PK                |                |             | 2.83 V             | 341                  | 64.6             | 39.1                     |
| 2                                                   | *5230.00    | 94.3 AV                 |                |             | 2.83 V             | 341                  | 55.2             | 39.1                     |
| 3                                                   | 5350.00     | 55.0 PK                 | 74.0           | -19.0       | 2.83 V             | 341                  | 51.4             | 3.6                      |
| 4                                                   | 5350.00     | 42.0 AV                 | 54.0           | -12.0       | 2.83 V             | 341                  | 38.4             | 3.6                      |
| 5                                                   | #10460.00   | 59.1 PK                 | 68.2           | -9.1        | 2.03 V             | 212                  | 41.7             | 17.4                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 54 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.3 PK                 | 74.0           | -18.7       | 1.64 H             | 178                  | 51.8             | 3.5                      |
| 2                                                   | 5150.00     | 42.2 AV                 | 54.0           | -11.8       | 1.64 H             | 178                  | 38.7             | 3.5                      |
| 3                                                   | *5270.00    | 100.8 PK                |                |             | 1.64 H             | 178                  | 61.7             | 39.1                     |
| 4                                                   | *5270.00    | 91.8 AV                 |                |             | 1.64 H             | 178                  | 52.7             | 39.1                     |
| 5                                                   | #10540.00   | 58.7 PK                 | 68.2           | -9.5        | 2.53 H             | 318                  | 41.0             | 17.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.6 PK                 | 74.0           | -18.4       | 2.76 V             | 342                  | 52.1             | 3.5                      |
| 2                                                   | 5150.00     | 42.4 AV                 | 54.0           | -11.6       | 2.76 V             | 342                  | 38.9             | 3.5                      |
| 3                                                   | *5270.00    | 104.3 PK                |                |             | 2.76 V             | 342                  | 65.2             | 39.1                     |
| 4                                                   | *5270.00    | 95.3 AV                 |                |             | 2.76 V             | 342                  | 56.2             | 39.1                     |
| 5                                                   | #10540.00   | 59.1 PK                 | 68.2           | -9.1        | 2.10 V             | 220                  | 41.4             | 17.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 62 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5310.00    | 101.7 PK                |                |             | 1.19 H             | 153                  | 62.5             | 39.2                     |
| 2                                                   | *5310.00    | 92.1 AV                 |                |             | 1.19 H             | 153                  | 52.9             | 39.2                     |
| 3                                                   | 5350.00     | 57.3 PK                 | 74.0           | -16.7       | 1.19 H             | 153                  | 53.7             | 3.6                      |
| 4                                                   | 5350.00     | 44.3 AV                 | 54.0           | -9.7        | 1.19 H             | 153                  | 40.7             | 3.6                      |
| 5                                                   | 10620.00    | 58.7 PK                 | 74.0           | -15.3       | 2.58 H             | 293                  | 41.1             | 17.6                     |
| 6                                                   | 10620.00    | 45.1 AV                 | 54.0           | -8.9        | 2.58 H             | 293                  | 27.5             | 17.6                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5310.00    | 104.9 PK                |                |             | 2.89 V             | 342                  | 65.7             | 39.2                     |
| 2                                                   | *5310.00    | 95.4 AV                 |                |             | 2.89 V             | 342                  | 56.2             | 39.2                     |
| 3                                                   | 5350.00     | 60.0 PK                 | 74.0           | -14.0       | 2.89 V             | 342                  | 56.4             | 3.6                      |
| 4                                                   | 5350.00     | 46.9 AV                 | 54.0           | -7.1        | 2.89 V             | 342                  | 43.3             | 3.6                      |
| 5                                                   | 10620.00    | 58.9 PK                 | 74.0           | -15.1       | 2.23 V             | 230                  | 41.3             | 17.6                     |
| 6                                                   | 10620.00    | 45.4 AV                 | 54.0           | -8.6        | 2.23 V             | 230                  | 27.8             | 17.6                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 102 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.5 PK                 | 74.0           | -19.5       | 1.76 H             | 169                  | 50.7             | 3.8                      |
| 2                                                   | 5460.00     | 41.9 AV                 | 54.0           | -12.1       | 1.76 H             | 169                  | 38.1             | 3.8                      |
| 3                                                   | #5470.00    | 55.3 PK                 | 68.2           | -12.9       | 1.76 H             | 169                  | 51.5             | 3.8                      |
| 4                                                   | *5510.00    | 98.5 PK                 |                |             | 1.76 H             | 169                  | 58.8             | 39.7                     |
| 5                                                   | *5510.00    | 89.7 AV                 |                |             | 1.76 H             | 169                  | 50.0             | 39.7                     |
| 6                                                   | 11020.00    | 60.1 PK                 | 74.0           | -13.9       | 2.58 H             | 319                  | 41.6             | 18.5                     |
| 7                                                   | 11020.00    | 46.8 AV                 | 54.0           | -7.2        | 2.58 H             | 319                  | 28.3             | 18.5                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.8 PK                 | 74.0           | -19.2       | 2.95 V             | 350                  | 51.0             | 3.8                      |
| 2                                                   | 5460.00     | 42.1 AV                 | 54.0           | -11.9       | 2.95 V             | 350                  | 38.3             | 3.8                      |
| 3                                                   | #5470.00    | 58.5 PK                 | 68.2           | -9.7        | 2.95 V             | 350                  | 54.7             | 3.8                      |
| 4                                                   | *5510.00    | 101.5 PK                |                |             | 2.95 V             | 350                  | 61.8             | 39.7                     |
| 5                                                   | *5510.00    | 92.7 AV                 |                |             | 2.95 V             | 350                  | 53.0             | 39.7                     |
| 6                                                   | 11020.00    | 60.5 PK                 | 74.0           | -13.5       | 2.20 V             | 234                  | 42.0             | 18.5                     |
| 7                                                   | 11020.00    | 47.4 AV                 | 54.0           | -6.6        | 2.20 V             | 234                  | 28.9             | 18.5                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 110 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5550.00    | 99.8 PK                 |                |             | 1.70 H             | 159                  | 60.1             | 39.7                     |
| 2                                                   | *5550.00    | 92.7 AV                 |                |             | 1.70 H             | 159                  | 53.0             | 39.7                     |
| 3                                                   | 11100.00    | 60.0 PK                 | 74.0           | -14.0       | 2.79 H             | 339                  | 42.0             | 18.0                     |
| 4                                                   | 11100.00    | 46.6 AV                 | 54.0           | -7.4        | 2.79 H             | 339                  | 28.6             | 18.0                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5550.00    | 103.0 PK                |                |             | 2.86 V             | 351                  | 63.3             | 39.7                     |
| 2                                                   | *5550.00    | 93.8 AV                 |                |             | 2.86 V             | 351                  | 54.1             | 39.7                     |
| 3                                                   | 11100.00    | 60.2 PK                 | 74.0           | -13.8       | 2.11 V             | 232                  | 42.2             | 18.0                     |
| 4                                                   | 11100.00    | 47.1 AV                 | 54.0           | -6.9        | 2.11 V             | 232                  | 29.1             | 18.0                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 134 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5670.00    | 100.8 PK                |                |             | 1.13 H             | 184                  | 61.0             | 39.8                     |
| 2                                                   | *5670.00    | 91.1 AV                 |                |             | 1.13 H             | 184                  | 51.3             | 39.8                     |
| 3                                                   | #5725.00    | 54.9 PK                 | 68.2           | -13.3       | 1.13 H             | 184                  | 50.7             | 4.2                      |
| 4                                                   | 11340.00    | 60.1 PK                 | 74.0           | -13.9       | 2.63 H             | 312                  | 41.9             | 18.2                     |
| 5                                                   | 11340.00    | 46.7 AV                 | 54.0           | -7.3        | 2.63 H             | 312                  | 28.5             | 18.2                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5670.00    | 103.2 PK                |                |             | 2.50 V             | 350                  | 63.4             | 39.8                     |
| 2                                                   | *5670.00    | 93.9 AV                 |                |             | 2.50 V             | 350                  | 54.1             | 39.8                     |
| 3                                                   | #5725.00    | 55.4 PK                 | 68.2           | -12.8       | 2.50 V             | 350                  | 51.2             | 4.2                      |
| 4                                                   | 11340.00    | 60.4 PK                 | 74.0           | -13.6       | 2.15 V             | 242                  | 42.2             | 18.2                     |
| 5                                                   | 11340.00    | 47.2 AV                 | 54.0           | -6.8        | 2.15 V             | 242                  | 29.0             | 18.2                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 142 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 54.7 PK                 | 68.2           | -13.5       | 1.15 H             | 188                  | 50.9             | 3.8                      |
| 2                                                   | *5710.00    | 100.5 PK                |                |             | 1.15 H             | 188                  | 60.5             | 40.0                     |
| 3                                                   | *5710.00    | 91.1 AV                 |                |             | 1.15 H             | 188                  | 51.1             | 40.0                     |
| 4                                                   | #5850.00    | 55.0 PK                 | 68.2           | -13.2       | 1.15 H             | 188                  | 50.3             | 4.7                      |
| 5                                                   | 11420.00    | 59.8 PK                 | 74.0           | -14.2       | 2.66 H             | 315                  | 41.8             | 18.0                     |
| 6                                                   | 11420.00    | 46.5 AV                 | 54.0           | -7.5        | 2.66 H             | 315                  | 28.5             | 18.0                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 54.9 PK                 | 68.2           | -13.3       | 2.55 V             | 352                  | 51.1             | 3.8                      |
| 2                                                   | *5710.00    | 103.0 PK                |                |             | 2.55 V             | 352                  | 63.0             | 40.0                     |
| 3                                                   | *5710.00    | 93.5 AV                 |                |             | 2.55 V             | 352                  | 53.5             | 40.0                     |
| 4                                                   | #5850.00    | 55.1 PK                 | 68.2           | -13.1       | 2.55 V             | 352                  | 50.4             | 4.7                      |
| 5                                                   | 11420.00    | 59.9 PK                 | 74.0           | -14.1       | 2.18 V             | 245                  | 41.9             | 18.0                     |
| 6                                                   | 11420.00    | 47.0 AV                 | 54.0           | -7.0        | 2.18 V             | 245                  | 29.0             | 18.0                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 151 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5755.00    | 100.2 PK                |                |             | 1.21 H             | 204                  | 60.2             | 40.0                     |
| 2                                                   | *5755.00    | 90.6 AV                 |                |             | 1.21 H             | 204                  | 50.6             | 40.0                     |
| 3                                                   | 11510.00    | 60.1 PK                 | 74.0           | -13.9       | 2.55 H             | 339                  | 41.8             | 18.3                     |
| 4                                                   | 11510.00    | 46.2 AV                 | 54.0           | -7.8        | 2.55 H             | 339                  | 27.9             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5755.00    | 103.0 PK                |                |             | 2.90 V             | 334                  | 63.0             | 40.0                     |
| 2                                                   | *5755.00    | 93.5 AV                 |                |             | 2.90 V             | 334                  | 53.5             | 40.0                     |
| 3                                                   | 11510.00    | 59.7 PK                 | 74.0           | -14.3       | 2.10 V             | 230                  | 41.4             | 18.3                     |
| 4                                                   | 11510.00    | 46.7 AV                 | 54.0           | -7.3        | 2.10 V             | 230                  | 28.4             | 18.3                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 159 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5795.00    | 101.5 PK                |                |             | 1.24 H             | 203                  | 61.2             | 40.3                     |
| 2                                                   | *5795.00    | 92.1 AV                 |                |             | 1.24 H             | 203                  | 51.8             | 40.3                     |
| 3                                                   | 11590.00    | 59.1 PK                 | 74.0           | -14.9       | 2.60 H             | 312                  | 41.3             | 17.8                     |
| 4                                                   | 11590.00    | 45.5 AV                 | 54.0           | -8.5        | 2.60 H             | 312                  | 27.7             | 17.8                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | *5795.00    | 103.3 PK                |                |             | 3.00 V             | 334                  | 63.0             | 40.3                     |
| 2                                                   | *5795.00    | 94.0 AV                 |                |             | 3.00 V             | 334                  | 53.7             | 40.3                     |
| 3                                                   | 11590.00    | 59.6 PK                 | 74.0           | -14.4       | 2.23 V             | 229                  | 41.8             | 17.8                     |
| 4                                                   | 11590.00    | 45.9 AV                 | 54.0           | -8.1        | 2.23 V             | 229                  | 28.1             | 17.8                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.

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|                 |               |                   |              |
|-----------------|---------------|-------------------|--------------|
| CHANNEL         | TX Channel 42 | DETECTOR FUNCTION | Peak (PK)    |
| FREQUENCY RANGE | 1GHz ~ 40GHz  |                   | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 59.9 PK                 | 74.0           | -14.1       | 1.71 H             | 160                  | 56.4             | 3.5                      |
| 2                                                   | 5150.00     | 46.6 AV                 | 54.0           | -7.4        | 1.71 H             | 160                  | 43.1             | 3.5                      |
| 3                                                   | *5210.00    | 97.6 PK                 |                |             | 1.71 H             | 160                  | 58.4             | 39.2                     |
| 4                                                   | *5210.00    | 87.5 AV                 |                |             | 1.71 H             | 160                  | 48.3             | 39.2                     |
| 5                                                   | 5350.00     | 55.0 PK                 | 74.0           | -19.0       | 1.71 H             | 160                  | 51.4             | 3.6                      |
| 6                                                   | 5350.00     | 41.7 AV                 | 54.0           | -12.3       | 1.71 H             | 160                  | 38.1             | 3.6                      |
| 7                                                   | #10420.00   | 59.4 PK                 | 68.2           | -8.8        | 2.77 H             | 318                  | 42.1             | 17.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 62.8 PK                 | 74.0           | -11.2       | 2.84 V             | 353                  | 59.3             | 3.5                      |
| 2                                                   | 5150.00     | 48.6 AV                 | 54.0           | -5.4        | 2.84 V             | 353                  | 45.1             | 3.5                      |
| 3                                                   | *5210.00    | 100.3 PK                |                |             | 2.84 V             | 353                  | 61.1             | 39.2                     |
| 4                                                   | *5210.00    | 90.9 AV                 |                |             | 2.84 V             | 353                  | 51.7             | 39.2                     |
| 5                                                   | 5350.00     | 55.7 PK                 | 74.0           | -18.3       | 2.84 V             | 353                  | 52.1             | 3.6                      |
| 6                                                   | 5350.00     | 42.6 AV                 | 54.0           | -11.4       | 2.84 V             | 353                  | 39.0             | 3.6                      |
| 7                                                   | #10420.00   | 60.1 PK                 | 68.2           | -8.1        | 1.96 V             | 215                  | 42.8             | 17.3                     |

## REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |               |                          |              |
|------------------------|---------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 58 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz  |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 55.5 PK                 | 74.0           | -18.5       | 2.30 H             | 191                  | 52.0             | 3.5                      |
| 2                                                   | 5150.00     | 42.1 AV                 | 54.0           | -11.9       | 2.30 H             | 191                  | 38.6             | 3.5                      |
| 3                                                   | *5290.00    | 97.3 PK                 |                |             | 2.30 H             | 191                  | 58.2             | 39.1                     |
| 4                                                   | *5290.00    | 87.8 AV                 |                |             | 2.30 H             | 191                  | 48.7             | 39.1                     |
| 5                                                   | 5350.00     | 57.1 PK                 | 74.0           | -16.9       | 2.30 H             | 191                  | 53.5             | 3.6                      |
| 6                                                   | 5350.00     | 44.5 AV                 | 54.0           | -9.5        | 2.30 H             | 191                  | 40.9             | 3.6                      |
| 7                                                   | #10580.00   | 58.8 PK                 | 68.2           | -9.4        | 2.70 H             | 293                  | 41.1             | 17.7                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5150.00     | 56.4 PK                 | 74.0           | -17.6       | 2.84 V             | 342                  | 52.9             | 3.5                      |
| 2                                                   | 5150.00     | 42.4 AV                 | 54.0           | -11.6       | 2.84 V             | 342                  | 38.9             | 3.5                      |
| 3                                                   | *5290.00    | 101.2 PK                |                |             | 2.84 V             | 342                  | 62.1             | 39.1                     |
| 4                                                   | *5290.00    | 91.8 AV                 |                |             | 2.84 V             | 342                  | 52.7             | 39.1                     |
| 5                                                   | 5350.00     | 58.9 PK                 | 74.0           | -15.1       | 2.84 V             | 342                  | 55.3             | 3.6                      |
| 6                                                   | 5350.00     | 46.0 AV                 | 54.0           | -8.0        | 2.84 V             | 342                  | 42.4             | 3.6                      |
| 7                                                   | #10580.00   | 59.0 PK                 | 68.2           | -9.2        | 2.03 V             | 219                  | 41.3             | 17.7                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 106 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 55.0 PK                 | 74.0           | -19.0       | 1.14 H             | 194                  | 51.2             | 3.8                      |
| 2                                                   | 5460.00     | 41.8 AV                 | 54.0           | -12.2       | 1.14 H             | 194                  | 38.0             | 3.8                      |
| 3                                                   | #5470.00    | 55.4 PK                 | 68.2           | -12.8       | 1.14 H             | 194                  | 51.6             | 3.8                      |
| 4                                                   | *5530.00    | 95.5 PK                 |                |             | 1.14 H             | 194                  | 55.8             | 39.7                     |
| 5                                                   | *5530.00    | 85.9 AV                 |                |             | 1.14 H             | 194                  | 46.2             | 39.7                     |
| 6                                                   | #5725.00    | 54.3 PK                 | 68.2           | -13.9       | 1.14 H             | 194                  | 50.1             | 4.2                      |
| 7                                                   | 11060.00    | 60.3 PK                 | 74.0           | -13.7       | 2.58 H             | 341                  | 42.0             | 18.3                     |
| 8                                                   | 11060.00    | 47.1 AV                 | 54.0           | -6.9        | 2.58 H             | 341                  | 28.8             | 18.3                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 58.8 PK                 | 74.0           | -15.2       | 3.04 V             | 349                  | 55.0             | 3.8                      |
| 2                                                   | 5460.00     | 44.9 AV                 | 54.0           | -9.1        | 3.04 V             | 349                  | 41.1             | 3.8                      |
| 3                                                   | #5470.00    | 59.1 PK                 | 68.2           | -9.1        | 3.04 V             | 349                  | 55.3             | 3.8                      |
| 4                                                   | *5530.00    | 99.4 PK                 |                |             | 3.04 V             | 349                  | 59.7             | 39.7                     |
| 5                                                   | *5530.00    | 89.6 AV                 |                |             | 3.04 V             | 349                  | 49.9             | 39.7                     |
| 6                                                   | #5725.00    | 54.8 PK                 | 68.2           | -13.4       | 3.04 V             | 349                  | 50.6             | 4.2                      |
| 7                                                   | 11060.00    | 60.6 PK                 | 74.0           | -13.4       | 2.08 V             | 232                  | 42.3             | 18.3                     |
| 8                                                   | 11060.00    | 47.5 AV                 | 54.0           | -6.5        | 2.08 V             | 232                  | 29.2             | 18.3                     |

#### REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 122 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 53.9 PK                 | 74.0           | -20.1       | 1.13 H             | 181                  | 50.1             | 3.8                      |
| 2                                                   | 5460.00     | 41.8 AV                 | 54.0           | -12.2       | 1.13 H             | 181                  | 38.0             | 3.8                      |
| 3                                                   | #5470.00    | 54.3 PK                 | 68.2           | -13.9       | 1.13 H             | 181                  | 50.5             | 3.8                      |
| 4                                                   | *5610.00    | 98.5 PK                 |                |             | 1.13 H             | 181                  | 58.7             | 39.8                     |
| 5                                                   | *5610.00    | 88.4 AV                 |                |             | 1.13 H             | 181                  | 48.6             | 39.8                     |
| 6                                                   | #5725.00    | 54.4 PK                 | 68.2           | -13.8       | 1.13 H             | 181                  | 50.2             | 4.2                      |
| 7                                                   | 11220.00    | 60.4 PK                 | 74.0           | -13.6       | 2.58 H             | 332                  | 42.0             | 18.4                     |
| 8                                                   | 11220.00    | 47.0 AV                 | 54.0           | -7.0        | 2.58 H             | 332                  | 28.6             | 18.4                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 5460.00     | 54.4 PK                 | 74.0           | -19.6       | 2.56 V             | 351                  | 50.6             | 3.8                      |
| 2                                                   | 5460.00     | 42.1 AV                 | 54.0           | -11.9       | 2.56 V             | 351                  | 38.3             | 3.8                      |
| 3                                                   | #5470.00    | 54.7 PK                 | 68.2           | -13.5       | 2.56 V             | 351                  | 50.9             | 3.8                      |
| 4                                                   | *5610.00    | 100.0 PK                |                |             | 2.56 V             | 351                  | 60.2             | 39.8                     |
| 5                                                   | *5610.00    | 90.3 AV                 |                |             | 2.56 V             | 351                  | 50.5             | 39.8                     |
| 6                                                   | #5725.00    | 55.0 PK                 | 68.2           | -13.2       | 2.56 V             | 351                  | 50.8             | 4.2                      |
| 7                                                   | 11220.00    | 60.6 PK                 | 74.0           | -13.4       | 2.09 V             | 232                  | 42.2             | 18.4                     |
| 8                                                   | 11220.00    | 47.5 AV                 | 54.0           | -6.5        | 2.09 V             | 232                  | 29.1             | 18.4                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 138 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 54.4 PK                 | 68.2           | -13.8       | 1.15 H             | 185                  | 50.6             | 3.8                      |
| 2                                                   | *5690.00    | 98.2 PK                 |                |             | 1.15 H             | 185                  | 58.4             | 39.8                     |
| 3                                                   | *5690.00    | 88.1 AV                 |                |             | 1.15 H             | 185                  | 48.3             | 39.8                     |
| 4                                                   | #5850.00    | 54.6 PK                 | 68.2           | -13.6       | 1.15 H             | 185                  | 49.9             | 4.7                      |
| 5                                                   | 11380.00    | 60.0 PK                 | 74.0           | -14.0       | 2.59 H             | 336                  | 41.9             | 18.1                     |
| 6                                                   | 11380.00    | 47.0 AV                 | 54.0           | -7.0        | 2.59 H             | 336                  | 28.9             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5470.00    | 54.7 PK                 | 68.2           | -13.5       | 2.54 V             | 349                  | 50.9             | 3.8                      |
| 2                                                   | *5690.00    | 99.8 PK                 |                |             | 2.54 V             | 349                  | 60.0             | 39.8                     |
| 3                                                   | *5690.00    | 90.0 AV                 |                |             | 2.54 V             | 349                  | 50.2             | 39.8                     |
| 4                                                   | #5850.00    | 54.9 PK                 | 68.2           | -13.3       | 2.54 V             | 349                  | 50.2             | 4.7                      |
| 5                                                   | 11380.00    | 60.2 PK                 | 74.0           | -13.8       | 2.11 V             | 229                  | 42.1             | 18.1                     |
| 6                                                   | 11380.00    | 47.2 AV                 | 54.0           | -6.8        | 2.11 V             | 229                  | 29.1             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| <b>CHANNEL</b>         | TX Channel 155 | <b>DETECTOR FUNCTION</b> | Peak (PK)    |
| <b>FREQUENCY RANGE</b> | 1GHz ~ 40GHz   |                          | Average (AV) |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5650.00    | 54.0 PK                 | 68.2           | -14.2       | 1.81 H             | 198                  | 50.2             | 3.8                      |
| 2                                                   | *5775.00    | 98.6 PK                 |                |             | 1.81 H             | 198                  | 58.5             | 40.1                     |
| 3                                                   | *5775.00    | 88.9 AV                 |                |             | 1.81 H             | 198                  | 48.8             | 40.1                     |
| 4                                                   | #5925.00    | 56.1 PK                 | 68.2           | -12.1       | 1.81 H             | 198                  | 51.3             | 4.8                      |
| 5                                                   | 11550.00    | 59.4 PK                 | 74.0           | -14.6       | 2.66 H             | 303                  | 41.3             | 18.1                     |
| 6                                                   | 11550.00    | 45.7 AV                 | 54.0           | -8.3        | 2.66 H             | 303                  | 27.6             | 18.1                     |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M   |             |                         |                |             |                    |                      |                  |                          |
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | #5650.00    | 54.6 PK                 | 68.2           | -13.6       | 2.55 V             | 349                  | 50.8             | 3.8                      |
| 2                                                   | *5775.00    | 101.3 PK                |                |             | 2.55 V             | 349                  | 61.2             | 40.1                     |
| 3                                                   | *5775.00    | 91.3 AV                 |                |             | 2.55 V             | 349                  | 51.2             | 40.1                     |
| 4                                                   | #5925.00    | 56.5 PK                 | 68.2           | -11.7       | 2.55 V             | 349                  | 51.7             | 4.8                      |
| 5                                                   | 11550.00    | 60.0 PK                 | 74.0           | -14.0       | 2.13 V             | 260                  | 41.9             | 18.1                     |
| 6                                                   | 11550.00    | 46.1 AV                 | 54.0           | -7.9        | 2.13 V             | 260                  | 28.0             | 18.1                     |

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " \* ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

### 9 kHz ~ 30 MHz Data:

The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

### 30 MHz ~ 1 GHz Worst-Case Data:

#### Mode A

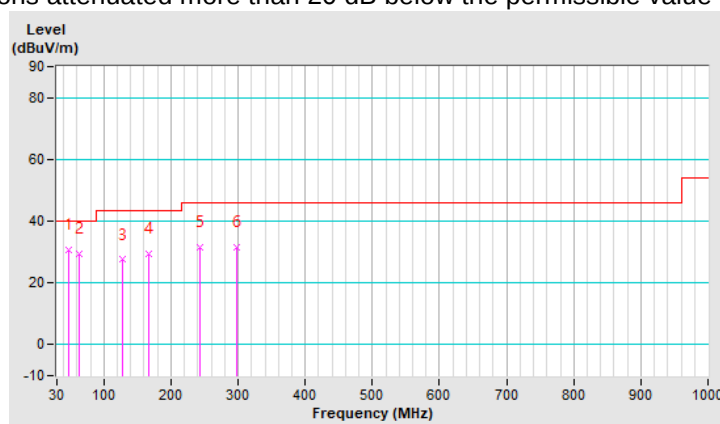
#### 802.11ac (VHT80)

|                        |                |                          |                 |
|------------------------|----------------|--------------------------|-----------------|
| <b>CHANNEL</b>         | TX Channel 122 | <b>DETECTOR FUNCTION</b> | Quasi-Peak (QP) |
| <b>FREQUENCY RANGE</b> | 30MHz ~ 1GHz   |                          |                 |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 48.28       | 30.7 QP                 | 40.0           | -9.3        | 1.00 H             | 161                  | 39.4             | -8.7                     |
| 2                                                   | 62.33       | 29.2 QP                 | 40.0           | -10.8       | 1.99 H             | 343                  | 38.7             | -9.5                     |
| 3                                                   | 127.00      | 27.5 QP                 | 43.5           | -16.0       | 1.49 H             | 145                  | 37.9             | -10.4                    |
| 4                                                   | 166.36      | 29.6 QP                 | 43.5           | -13.9       | 1.49 H             | 237                  | 38.3             | -8.7                     |
| 5                                                   | 243.68      | 31.4 QP                 | 46.0           | -14.6       | 1.49 H             | 245                  | 41.1             | -9.7                     |
| 6                                                   | 297.10      | 31.4 QP                 | 46.0           | -14.6       | 1.49 H             | 291                  | 39.0             | -7.6                     |

#### REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

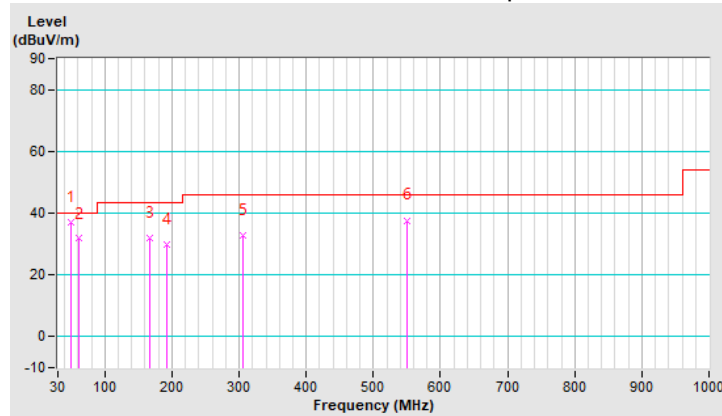


|                 |                |                   |                 |
|-----------------|----------------|-------------------|-----------------|
| CHANNEL         | TX Channel 122 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz   |                   |                 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|---------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                               | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                 | 49.68       | 37.1 QP                 | 40.0           | -2.9        | 1.51 V             | 12                   | 45.9             | -8.8                     |
| 2                                                 | 60.93       | 31.7 QP                 | 40.0           | -8.3        | 1.00 V             | 103                  | 41.1             | -9.4                     |
| 3                                                 | 166.36      | 31.9 QP                 | 43.5           | -11.6       | 1.00 V             | 311                  | 40.6             | -8.7                     |
| 4                                                 | 191.67      | 29.8 QP                 | 43.5           | -13.7       | 1.51 V             | 12                   | 41.1             | -11.3                    |
| 5                                                 | 305.54      | 32.9 QP                 | 46.0           | -13.1       | 2.00 V             | 3                    | 40.1             | -7.2                     |
| 6                                                 | 550.14      | 37.7 QP                 | 46.0           | -8.3        | 1.00 V             | 10                   | 38.2             | -0.5                     |

#### REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



## Mode B

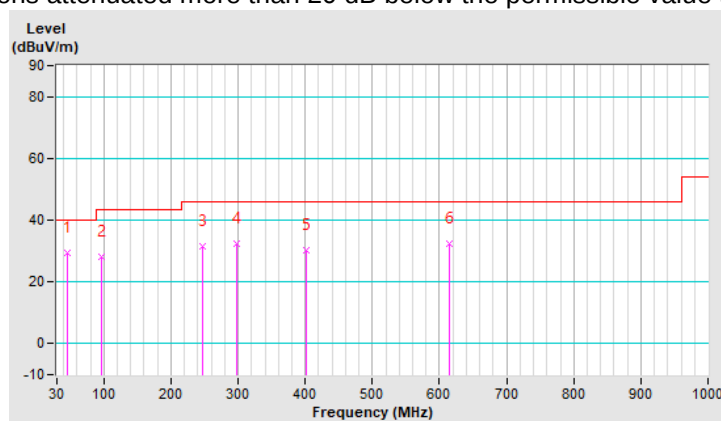
### 802.11ac (VHT80)

|                 |                |                   |                 |
|-----------------|----------------|-------------------|-----------------|
| CHANNEL         | TX Channel 122 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz   |                   |                 |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|-----------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                                 | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                   | 45.46       | 29.4 QP                 | 40.0           | -10.6       | 2.00 H             | 97                   | 38.3             | -8.9                     |
| 2                                                   | 96.07       | 28.0 QP                 | 43.5           | -15.5       | 2.00 H             | 273                  | 41.7             | -13.7                    |
| 3                                                   | 246.49      | 31.7 QP                 | 46.0           | -14.3       | 1.50 H             | 226                  | 41.3             | -9.6                     |
| 4                                                   | 298.51      | 32.5 QP                 | 46.0           | -13.5       | 1.00 H             | 76                   | 40.0             | -7.5                     |
| 5                                                   | 402.54      | 30.1 QP                 | 46.0           | -15.9       | 1.00 H             | 110                  | 34.5             | -4.4                     |
| 6                                                   | 614.81      | 32.4 QP                 | 46.0           | -13.6       | 1.00 H             | 96                   | 31.1             | 1.3                      |

#### REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

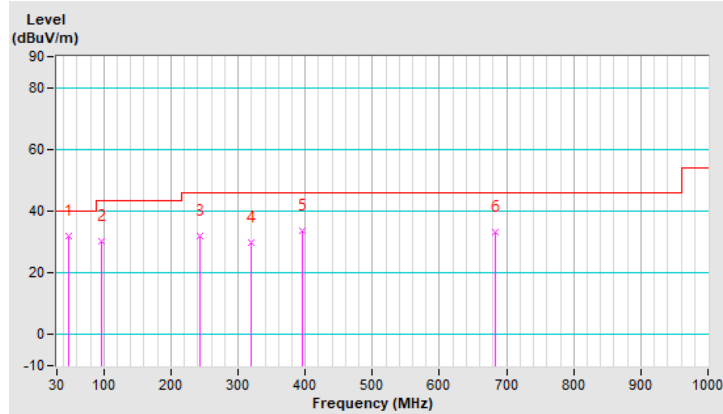


|                 |                |                   |                 |
|-----------------|----------------|-------------------|-----------------|
| CHANNEL         | TX Channel 122 | DETECTOR FUNCTION | Quasi-Peak (QP) |
| FREQUENCY RANGE | 30MHz ~ 1GHz   |                   |                 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M |             |                         |                |             |                    |                      |                  |                          |
|---------------------------------------------------|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| NO.                                               | FREQ. (MHz) | EMISSION LEVEL (dBuV/m) | LIMIT (dBuV/m) | MARGIN (dB) | ANTENNA HEIGHT (m) | TABLE ANGLE (Degree) | RAW VALUE (dBuV) | CORRECTION FACTOR (dB/m) |
| 1                                                 | 48.28       | 32.1 QP                 | 40.0           | -7.9        | 1.00 V             | 157                  | 40.8             | -8.7                     |
| 2                                                 | 96.07       | 30.3 QP                 | 43.5           | -13.2       | 1.00 V             | 162                  | 44.0             | -13.7                    |
| 3                                                 | 242.28      | 32.0 QP                 | 46.0           | -14.0       | 1.99 V             | 3                    | 41.8             | -9.8                     |
| 4                                                 | 319.59      | 29.9 QP                 | 46.0           | -16.1       | 1.49 V             | 181                  | 36.7             | -6.8                     |
| 5                                                 | 395.51      | 33.5 QP                 | 46.0           | -12.5       | 1.00 V             | 10                   | 38.1             | -4.6                     |
| 6                                                 | 682.29      | 33.2 QP                 | 46.0           | -12.8       | 1.49 V             | 186                  | 31.2             | 2.0                      |

#### REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



## 4.2 Conducted Emission Measurement

### 4.2.1 Limits of Conducted Emission Measurement

| Frequency (MHz) | Conducted Limit (dBuV) |         |
|-----------------|------------------------|---------|
|                 | Quasi-Peak             | Average |
| 0.15 - 0.5      | 66 - 56                | 56 - 46 |
| 0.50 - 5.0      | 56                     | 46      |
| 5.0 - 30.0      | 60                     | 50      |

Note: 1. The lower limit shall apply at the transition frequencies.  
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

### 4.2.2 Test Instruments

| Description & Manufacturer              | Model No.                | Serial No.     | Date of Calibration | Due Date of Calibration |
|-----------------------------------------|--------------------------|----------------|---------------------|-------------------------|
| Test Receiver<br>ROHDE & SCHWARZ        | ESCI                     | 100613         | Dec. 11, 2019       | Dec. 10, 2020           |
| RF signal cable<br>Woken                | 5D-FB                    | Cable-cond1-01 | Sep. 05, 2019       | Sep. 04, 2020           |
| LISN<br>ROHDE & SCHWARZ<br>(EUT)        | ENV216                   | 101826         | Feb. 21, 2019       | Feb. 20, 2020           |
| LISN<br>ROHDE & SCHWARZ<br>(Peripheral) | ESH3-Z5                  | 100311         | Aug. 22, 2019       | Aug. 21, 2020           |
| Software<br>ADT                         | BV ADT_Cond_<br>V7.3.7.4 | NA             | NA                  | NA                      |

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.  
 2. The test was performed in HwaYa Shielded Room 1.  
 3. The VCCI Site Registration No. is C-12040.

#### 4.2.3 Test Procedures

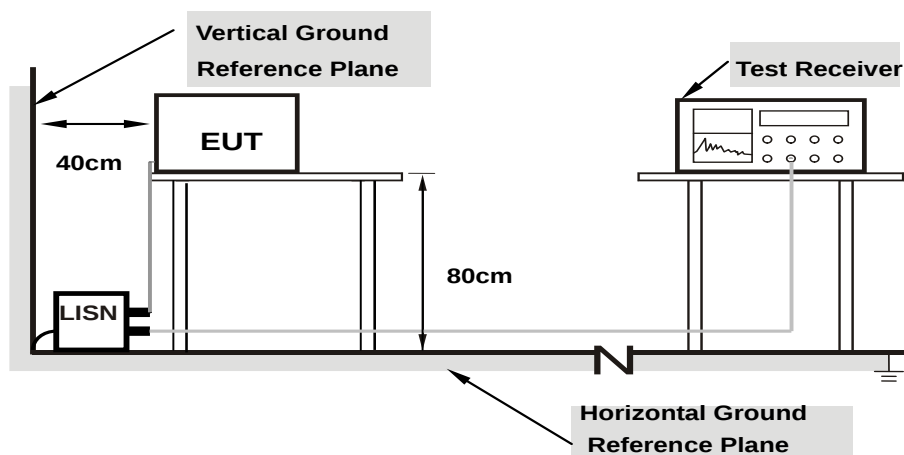
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit -20 dB) was not recorded.

**Note:** All modes of operation were investigated and the worst-case emissions are reported.

#### 4.2.4 Deviation from Test Standard

No deviation.

#### 4.2.5 Test Setup



- Note:**
- Support units were connected to second LISN.
  - Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

For the actual test configuration, please refer to the attached file (Test Setup Photo).

#### 4.2.6 EUT Operating Conditions

- Placed the EUT on a testing table.
- Use the software to control the EUT under transmission condition continuously at specific channel frequency.

#### 4.2.7 Test Results

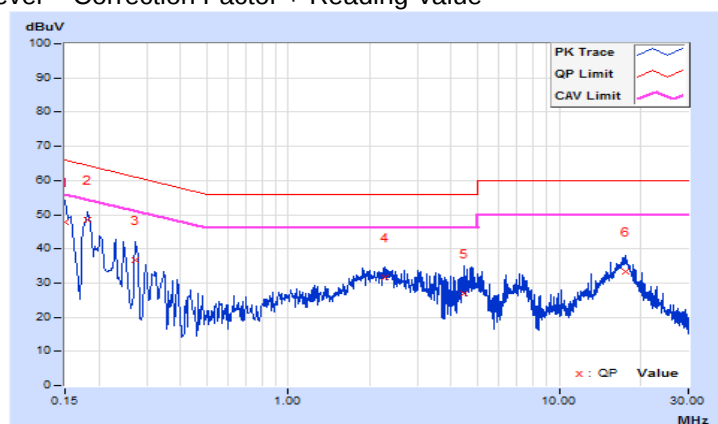
##### Mode A

|                 |                |                                          |                                      |
|-----------------|----------------|------------------------------------------|--------------------------------------|
| Frequency Range | 150kHz ~ 30MHz | Detector Function & Resolution Bandwidth | Quasi-Peak (QP) / Average (AV), 9kHz |
| Input Power     | 120Vac, 60Hz   | Environmental Conditions                 | 23°C, 67%RH                          |

| Phase Of Power : Line (L) |           |                   |                      |       |                       |       |              |       |             |        |
|---------------------------|-----------|-------------------|----------------------|-------|-----------------------|-------|--------------|-------|-------------|--------|
| No                        | Frequency | Correction Factor | Reading Value (dBuV) |       | Emission Level (dBuV) |       | Limit (dBuV) |       | Margin (dB) |        |
|                           | (MHz)     | (dB)              | Q.P.                 | AV.   | Q.P.                  | AV.   | Q.P.         | AV.   | Q.P.        | AV.    |
| 1                         | 0.15000   | 9.63              | 38.22                | 23.10 | 47.85                 | 32.73 | 66.00        | 56.00 | -18.15      | -23.27 |
| 2                         | 0.18200   | 9.62              | 39.02                | 25.36 | 48.64                 | 34.98 | 64.39        | 54.39 | -15.75      | -19.41 |
| 3                         | 0.27400   | 9.63              | 27.04                | 13.52 | 36.67                 | 23.15 | 61.00        | 51.00 | -24.33      | -27.85 |
| 4                         | 2.27000   | 9.74              | 21.85                | 13.92 | 31.59                 | 23.66 | 56.00        | 46.00 | -24.41      | -22.34 |
| 5                         | 4.48600   | 9.80              | 17.17                | 10.04 | 26.97                 | 19.84 | 56.00        | 46.00 | -29.03      | -26.16 |
| 6                         | 17.52600  | 9.91              | 23.47                | 18.42 | 33.38                 | 28.33 | 60.00        | 50.00 | -26.62      | -21.67 |

##### Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

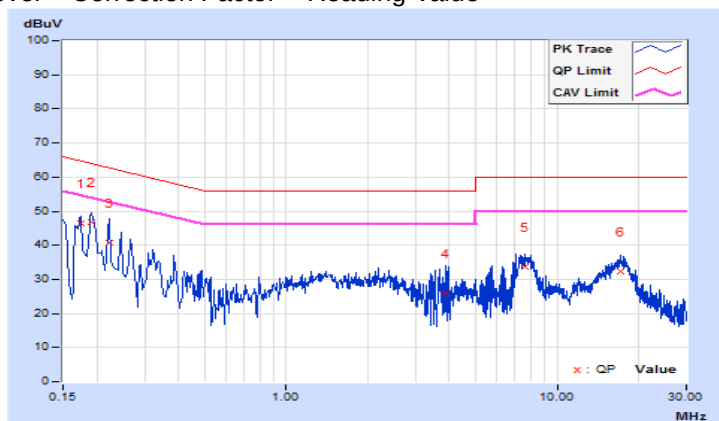


|                 |                |                                          |                                      |
|-----------------|----------------|------------------------------------------|--------------------------------------|
| Frequency Range | 150kHz ~ 30MHz | Detector Function & Resolution Bandwidth | Quasi-Peak (QP) / Average (AV), 9kHz |
| Input Power     | 120Vac, 60Hz   | Environmental Conditions                 | 23°C, 67%RH                          |

| Phase Of Power : Neutral (N) |           |                   |                      |       |                       |       |              |       |             |        |
|------------------------------|-----------|-------------------|----------------------|-------|-----------------------|-------|--------------|-------|-------------|--------|
| No                           | Frequency | Correction Factor | Reading Value (dBuV) |       | Emission Level (dBuV) |       | Limit (dBuV) |       | Margin (dB) |        |
|                              | (MHz)     | (dB)              | Q.P.                 | AV.   | Q.P.                  | AV.   | Q.P.         | AV.   | Q.P.        | AV.    |
| 1                            | 0.17384   | 9.65              | 36.98                | 24.65 | 46.63                 | 34.30 | 64.77        | 54.77 | -18.14      | -20.47 |
| 2                            | 0.19000   | 9.64              | 37.01                | 27.20 | 46.65                 | 36.84 | 64.04        | 54.04 | -17.39      | -17.20 |
| 3                            | 0.22200   | 9.64              | 31.02                | 20.79 | 40.66                 | 30.43 | 62.74        | 52.74 | -22.08      | -22.31 |
| 4                            | 3.86200   | 9.82              | 15.99                | 3.29  | 25.81                 | 13.11 | 56.00        | 46.00 | -30.19      | -32.89 |
| 5                            | 7.61400   | 9.87              | 23.69                | 17.78 | 33.56                 | 27.65 | 60.00        | 50.00 | -26.44      | -22.35 |
| 6                            | 17.23000  | 10.00             | 22.24                | 17.23 | 32.24                 | 27.23 | 60.00        | 50.00 | -27.76      | -22.77 |

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



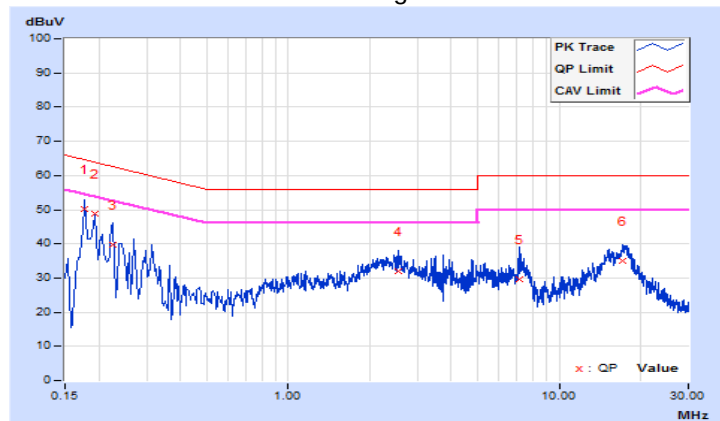
## Mode B

|                 |                |                                          |                                      |
|-----------------|----------------|------------------------------------------|--------------------------------------|
| Frequency Range | 150kHz ~ 30MHz | Detector Function & Resolution Bandwidth | Quasi-Peak (QP) / Average (AV), 9kHz |
| Input Power     | 120Vac, 60Hz   | Environmental Conditions                 | 23°C, 67%RH                          |

| Phase Of Power : Line (L) |           |                   |                      |       |                       |       |              |       |             |        |
|---------------------------|-----------|-------------------|----------------------|-------|-----------------------|-------|--------------|-------|-------------|--------|
| No                        | Frequency | Correction Factor | Reading Value (dBuV) |       | Emission Level (dBuV) |       | Limit (dBuV) |       | Margin (dB) |        |
|                           | (MHz)     | (dB)              | Q.P.                 | AV.   | Q.P.                  | AV.   | Q.P.         | AV.   | Q.P.        | AV.    |
| 1                         | 0.17800   | 9.62              | 40.70                | 25.90 | 50.32                 | 35.52 | 64.58        | 54.58 | -14.26      | -19.06 |
| 2                         | 0.19400   | 9.62              | 39.22                | 24.82 | 48.84                 | 34.44 | 63.86        | 53.86 | -15.02      | -19.42 |
| 3                         | 0.22565   | 9.62              | 29.96                | 10.75 | 39.58                 | 20.37 | 62.61        | 52.61 | -23.03      | -32.24 |
| 4                         | 2.53800   | 9.75              | 22.16                | 14.31 | 31.91                 | 24.06 | 56.00        | 46.00 | -24.09      | -21.94 |
| 5                         | 7.10200   | 9.83              | 19.70                | 13.61 | 29.53                 | 23.44 | 60.00        | 50.00 | -30.47      | -26.56 |
| 6                         | 17.12600  | 9.90              | 25.05                | 19.95 | 34.95                 | 29.85 | 60.00        | 50.00 | -25.05      | -20.15 |

### Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

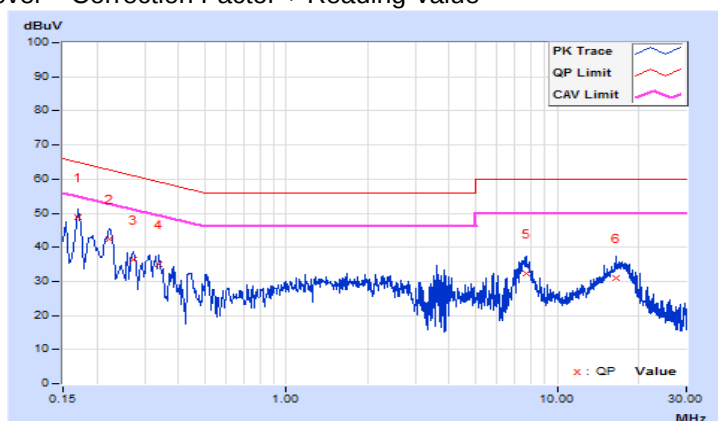


|                 |                |                                          |                                      |
|-----------------|----------------|------------------------------------------|--------------------------------------|
| Frequency Range | 150kHz ~ 30MHz | Detector Function & Resolution Bandwidth | Quasi-Peak (QP) / Average (AV), 9kHz |
| Input Power     | 120Vac, 60Hz   | Environmental Conditions                 | 23°C, 67%RH                          |

| Phase Of Power : Neutral (N) |           |                   |                      |       |                       |       |              |       |             |        |
|------------------------------|-----------|-------------------|----------------------|-------|-----------------------|-------|--------------|-------|-------------|--------|
| No                           | Frequency | Correction Factor | Reading Value (dBuV) |       | Emission Level (dBuV) |       | Limit (dBuV) |       | Margin (dB) |        |
|                              | (MHz)     | (dB)              | Q.P.                 | AV.   | Q.P.                  | AV.   | Q.P.         | AV.   | Q.P.        | AV.    |
| 1                            | 0.17000   | 9.65              | 39.29                | 27.01 | 48.94                 | 36.66 | 64.96        | 54.96 | -16.02      | -18.30 |
| 2                            | 0.22200   | 9.64              | 32.95                | 24.86 | 42.59                 | 34.50 | 62.74        | 52.74 | -20.15      | -18.24 |
| 3                            | 0.27350   | 9.65              | 26.55                | 18.04 | 36.20                 | 27.69 | 61.01        | 51.01 | -24.81      | -23.32 |
| 4                            | 0.33800   | 9.66              | 25.36                | 19.08 | 35.02                 | 28.74 | 59.25        | 49.25 | -24.23      | -20.51 |
| 5                            | 7.71000   | 9.88              | 22.38                | 16.67 | 32.26                 | 26.55 | 60.00        | 50.00 | -27.74      | -23.45 |
| 6                            | 16.43000  | 9.99              | 20.91                | 16.01 | 30.90                 | 26.00 | 60.00        | 50.00 | -29.10      | -24.00 |

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



### 4.3 Transmit Power Measurement

#### 4.3.1 Limits of Transmit Power Measurement

| Operation Band | EUT Category |                                   | Limit                                                                                                                         |
|----------------|--------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| U-NII-1        |              | Outdoor Access Point              | 1 Watt (30 dBm)<br>(Max. e.i.r.p $\leq$ 125 mW (21 dBm) at any elevation angle above 30 degrees as measured from the horizon) |
|                |              | Fixed point-to-point Access Point | 1 Watt (30 dBm)                                                                                                               |
|                |              | Indoor Access Point               | 1 Watt (30 dBm)                                                                                                               |
|                | √            | Mobile and Portable client device | 250 mW (24 dBm)                                                                                                               |
| U-NII-2A       | √            |                                   | 250 mW (24 dBm) or 11 dBm + 10 log B*                                                                                         |
| U-NII-2C       | √            |                                   | 250 mW (24 dBm) or 11 dBm + 10 log B*                                                                                         |
| U-NII-3        | √            |                                   | 1 Watt (30 dBm)                                                                                                               |

\*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ ;

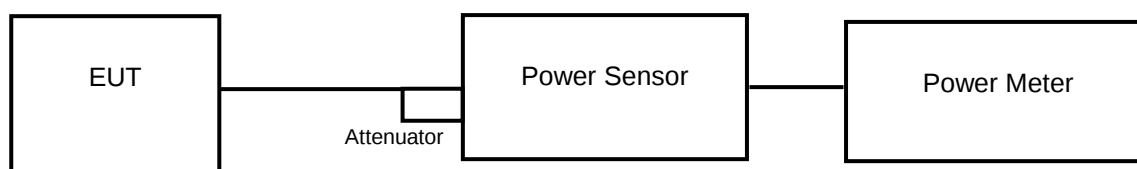
Array Gain = 0 dB (i.e., no array gain) for channel widths  $\geq 40$  MHz for any  $N_{ANT}$ ;

Array Gain = 5 log( $N_{ANT}/N_{SS}$ ) dB or 3 dB, whichever is less for 20 MHz channel widths with  $N_{ANT} \geq 5$ .

For power measurements on all other devices: Array Gain = 10 log( $N_{ANT}/N_{SS}$ ) dB.

#### 4.3.2 Test Setup

##### <Power Output Measurement>



#### 4.3.3 Test Instruments

Refer to section 4.1.3 to get information of above instrument.

#### 4.3.4 Test Procedure

##### **Average Power Measurement**

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

#### 4.3.5 Deviation from Test Standard

No deviation.

#### 4.3.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

#### 4.3.7 Test Results

##### Power Output:

##### 802.11a

| Channel | Frequency (MHz) | Maximum Conducted Power (dBm) |         | Total Power (mW) | Total Power (dBm) | Power Limit (dBm) | Pass / Fail |
|---------|-----------------|-------------------------------|---------|------------------|-------------------|-------------------|-------------|
|         |                 | Chain 0                       | Chain 1 |                  |                   |                   |             |
| 36      | 5180            | 11.84                         | 11.81   | 30.48            | 14.84             | 24                | Pass        |
| 40      | 5200            | 11.67                         | 11.60   | 29.17            | 14.65             | 24                | Pass        |
| 48      | 5240            | 11.78                         | 11.84   | 30.34            | 14.82             | 24                | Pass        |
| 52      | 5260            | 11.94                         | 11.86   | 30.97            | 14.91             | 24                | Pass        |
| 60      | 5300            | 11.93                         | 11.95   | 31.26            | 14.95             | 24                | Pass        |
| 64      | 5320            | 11.75                         | 11.73   | 29.85            | 14.75             | 24                | Pass        |
| 100     | 5500            | 11.96                         | 11.96   | 31.41            | 14.97             | 24                | Pass        |
| 116     | 5580            | 11.96                         | 11.90   | 31.19            | 14.94             | 24                | Pass        |
| 140     | 5700            | 11.53                         | 11.55   | 28.51            | 14.55             | 24                | Pass        |
| 144     | 5720            | 11.89                         | 11.71   | 14.81            | 11.71             | 24                | Pass        |
| 149     | 5745            | 11.83                         | 11.82   | 30.48            | 14.84             | 30                | Pass        |
| 157     | 5785            | 11.92                         | 11.98   | 31.33            | 14.96             | 30                | Pass        |
| 165     | 5825            | 11.66                         | 11.83   | 29.92            | 14.76             | 30                | Pass        |

##### 802.11n (HT20)

| Channel | Frequency (MHz) | Maximum Conducted Power (dBm) |         | Total Power (mW) | Total Power (dBm) | Power Limit (dBm) | Pass / Fail |
|---------|-----------------|-------------------------------|---------|------------------|-------------------|-------------------|-------------|
|         |                 | Chain 0                       | Chain 1 |                  |                   |                   |             |
| 36      | 5180            | 11.70                         | 11.75   | 29.79            | 14.74             | 24                | Pass        |
| 40      | 5200            | 11.78                         | 11.71   | 29.92            | 14.76             | 24                | Pass        |
| 48      | 5240            | 11.87                         | 11.66   | 30.06            | 14.78             | 24                | Pass        |
| 52      | 5260            | 11.63                         | 11.62   | 29.11            | 14.64             | 24                | Pass        |
| 60      | 5300            | 11.84                         | 11.89   | 30.76            | 14.88             | 24                | Pass        |
| 64      | 5320            | 11.70                         | 11.85   | 30.13            | 14.79             | 24                | Pass        |
| 100     | 5500            | 11.90                         | 11.87   | 30.90            | 14.90             | 24                | Pass        |
| 116     | 5580            | 11.79                         | 11.89   | 30.55            | 14.85             | 24                | Pass        |
| 140     | 5700            | 11.86                         | 11.99   | 31.19            | 14.94             | 24                | Pass        |
| 144     | 5720            | 11.56                         | 11.95   | 14.77            | 11.69             | 24                | Pass        |
| 149     | 5745            | 11.98                         | 11.95   | 31.48            | 14.98             | 30                | Pass        |
| 157     | 5785            | 11.82                         | 11.92   | 30.76            | 14.88             | 30                | Pass        |
| 165     | 5825            | 11.92                         | 11.93   | 31.19            | 14.94             | 30                | Pass        |

#### 802.11n (HT40)

| Channel | Frequency (MHz) | Maximum Conducted Power (dBm) |         | Total Power (mW) | Total Power (dBm) | Power Limit (dBm) | Pass / Fail |
|---------|-----------------|-------------------------------|---------|------------------|-------------------|-------------------|-------------|
|         |                 | Chain 0                       | Chain 1 |                  |                   |                   |             |
| 38      | 5190            | 12.45                         | 12.11   | 33.81            | 15.29             | 24                | Pass        |
| 46      | 5230            | 12.35                         | 12.34   | 34.36            | 15.36             | 24                | Pass        |
| 54      | 5270            | 12.41                         | 12.32   | 34.51            | 15.38             | 24                | Pass        |
| 62      | 5310            | 12.40                         | 12.33   | 34.51            | 15.38             | 24                | Pass        |
| 102     | 5510            | 11.49                         | 11.46   | 28.12            | 14.49             | 24                | Pass        |
| 110     | 5550            | 12.26                         | 12.45   | 34.43            | 15.37             | 24                | Pass        |
| 134     | 5670            | 12.45                         | 12.33   | 34.67            | 15.40             | 24                | Pass        |
| 142     | 5710            | 12.41                         | 12.41   | 15.42            | 11.88             | 24                | Pass        |
| 151     | 5755            | 12.33                         | 12.40   | 34.51            | 15.38             | 30                | Pass        |
| 159     | 5795            | 12.31                         | 12.47   | 34.67            | 15.40             | 30                | Pass        |

#### 802.11ac (VHT80)

| Channel | Frequency (MHz) | Maximum Conducted Power (dBm) |         | Total Power (mW) | Total Power (dBm) | Power Limit (dBm) | Pass / Fail |
|---------|-----------------|-------------------------------|---------|------------------|-------------------|-------------------|-------------|
|         |                 | Chain 0                       | Chain 1 |                  |                   |                   |             |
| 42      | 5210            | 12.51                         | 12.30   | 34.83            | 15.42             | 24                | Pass        |
| 58      | 5290            | 12.41                         | 12.3    | 34.43            | 15.37             | 24                | Pass        |
| 106     | 5530            | 11.37                         | 11.45   | 27.67            | 14.42             | 24                | Pass        |
| 122     | 5610            | 12.45                         | 12.49   | 35.32            | 15.48             | 24                | Pass        |
| 138     | 5690            | 12.33                         | 12.41   | 15.38            | 11.87             | 24                | Pass        |
| 155     | 5775            | 12.31                         | 12.21   | 33.65            | 15.27             | 30                | Pass        |

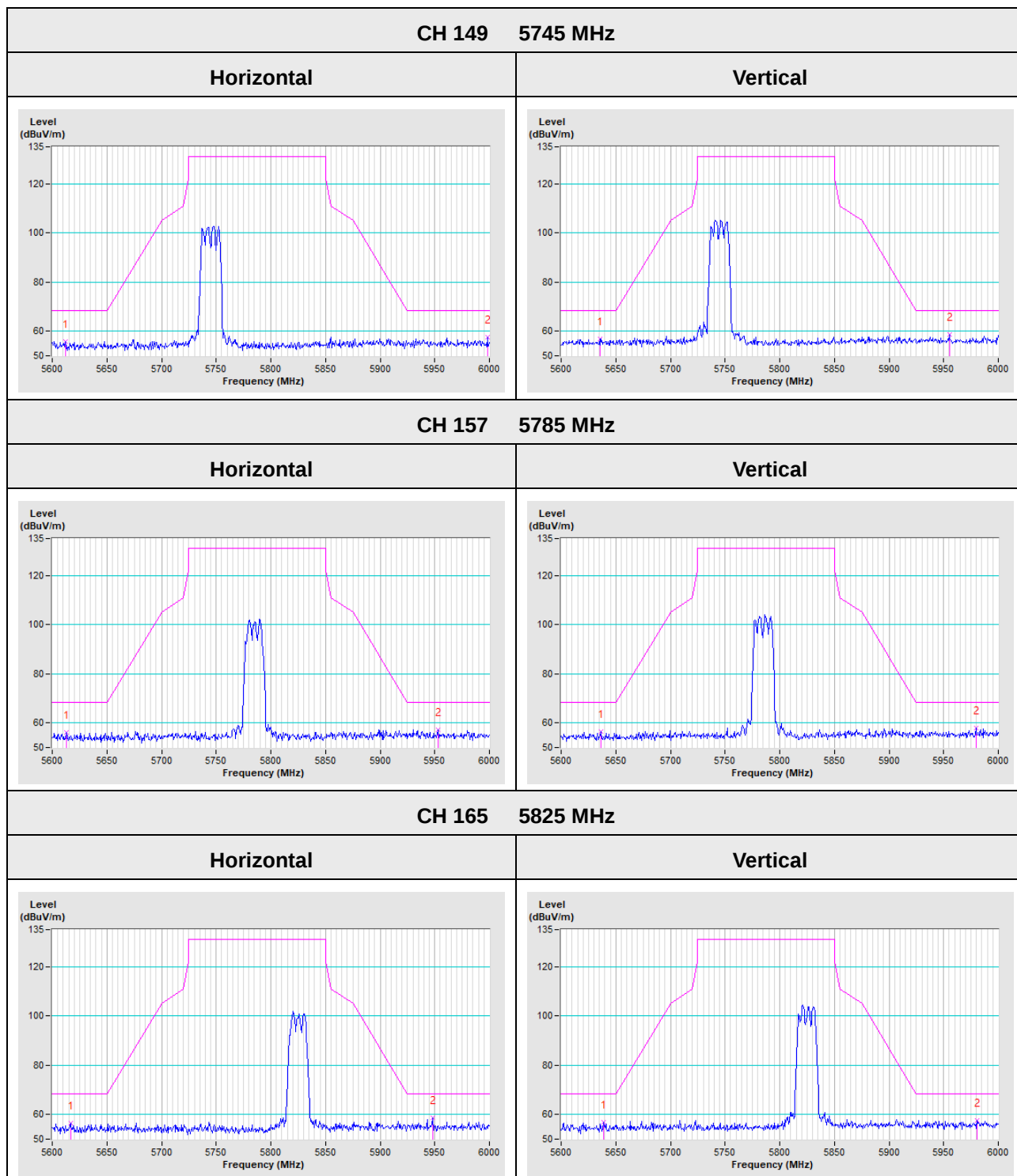
## 5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

# Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)

Mode A

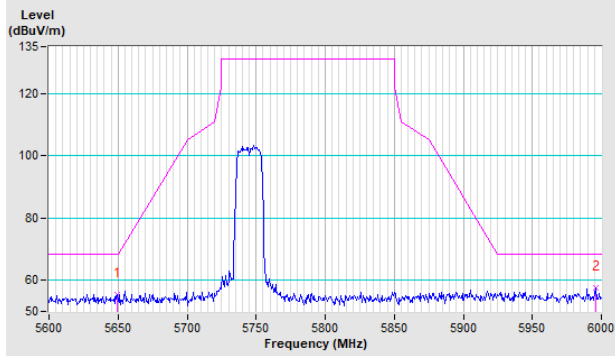
802.11a



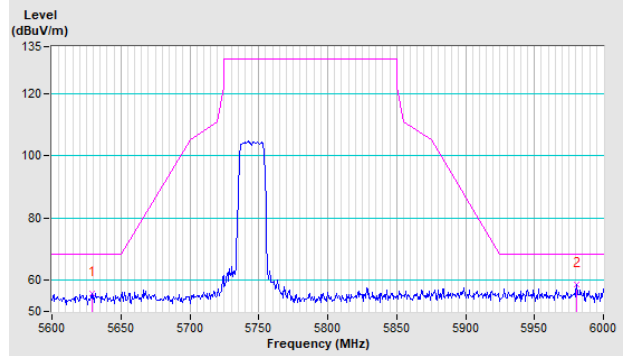
## 802.11ac (VHT20)

### CH 149 5745 MHz

#### Horizontal

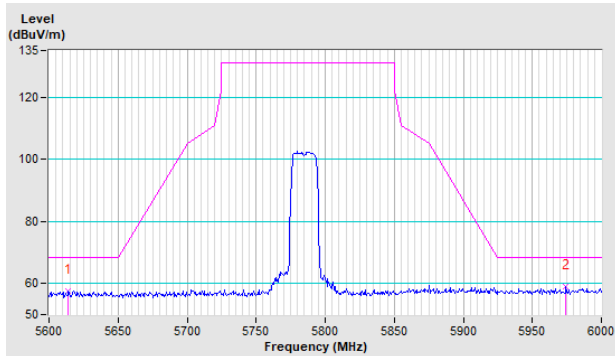


#### Vertical

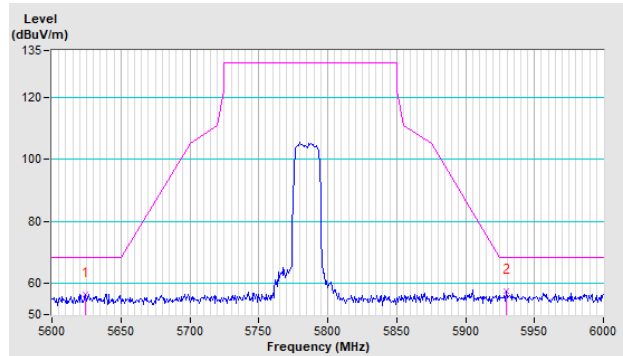


### CH 157 5785 MHz

#### Horizontal

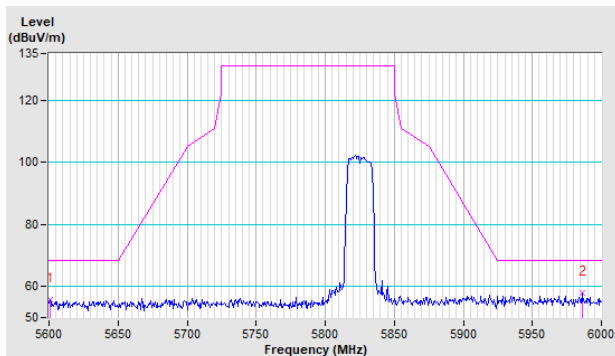


#### Vertical

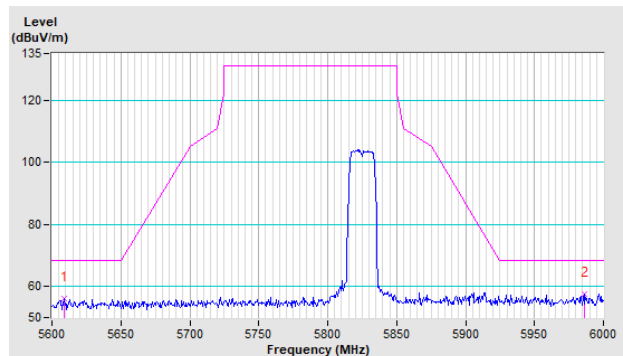


### CH 165 5825 MHz

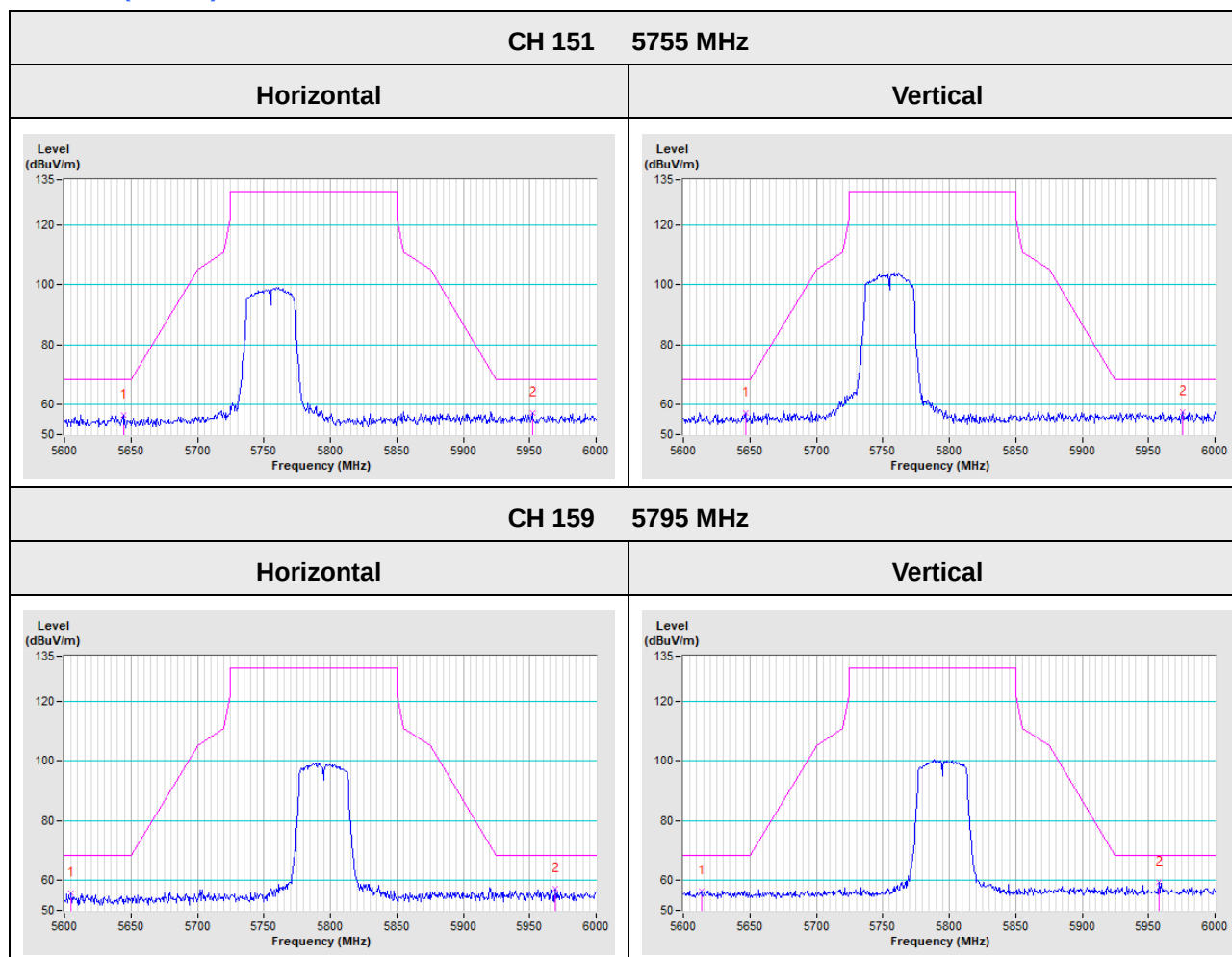
#### Horizontal



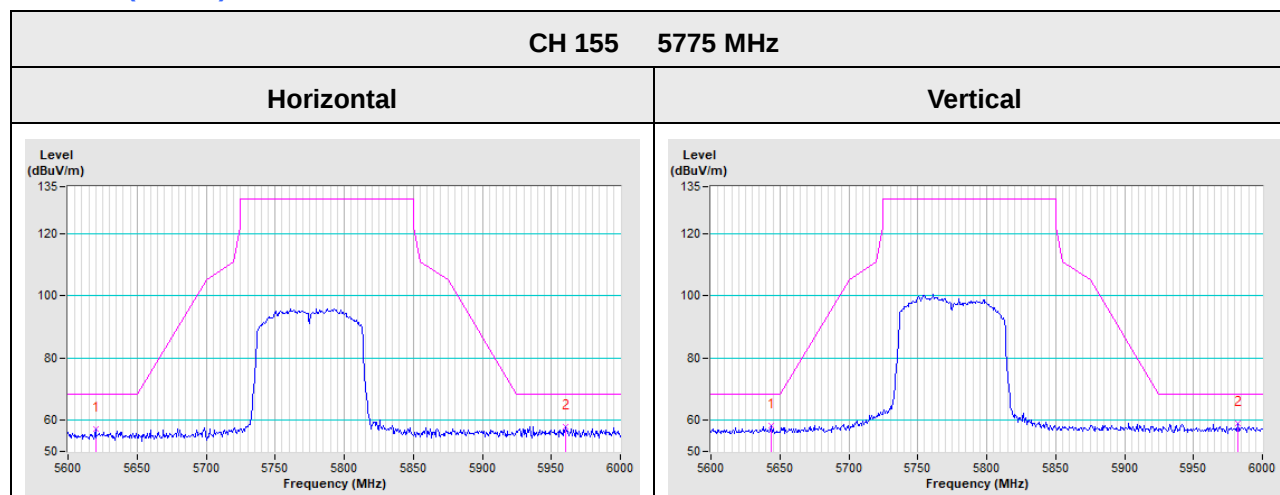
#### Vertical



## 802.11ac (VHT40)



## 802.11ac (VHT80)

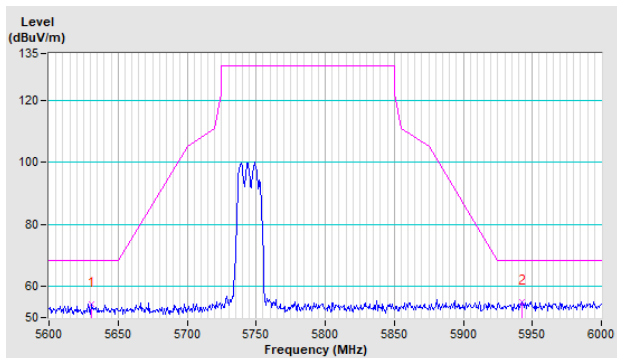


## Mode B

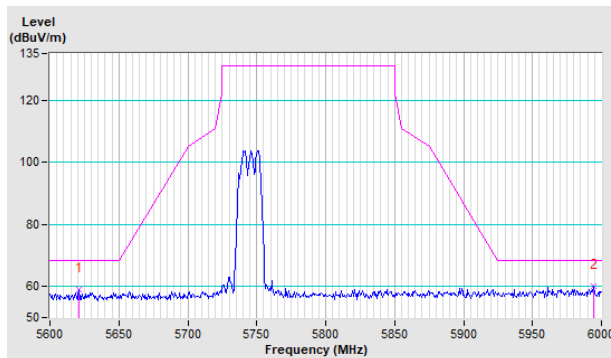
### 802.11a

#### CH 149 5745 MHz

##### Horizontal

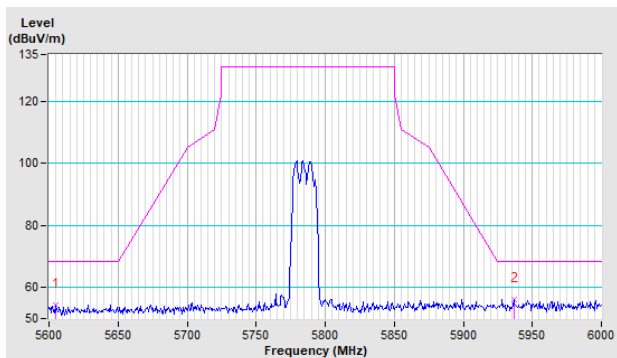


##### Vertical

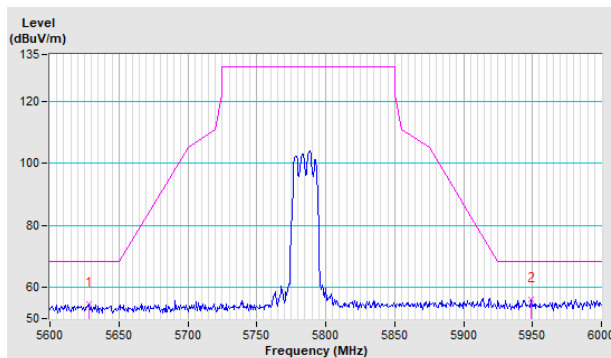


#### CH 157 5785 MHz

##### Horizontal

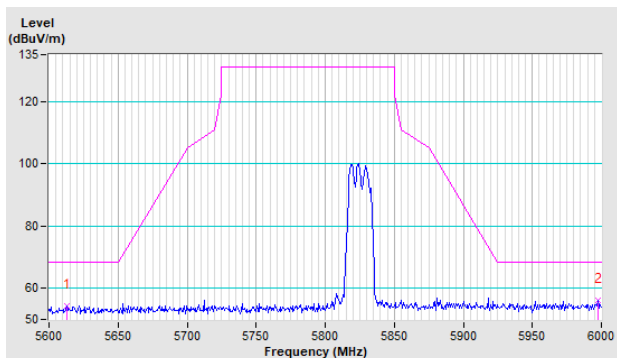


##### Vertical

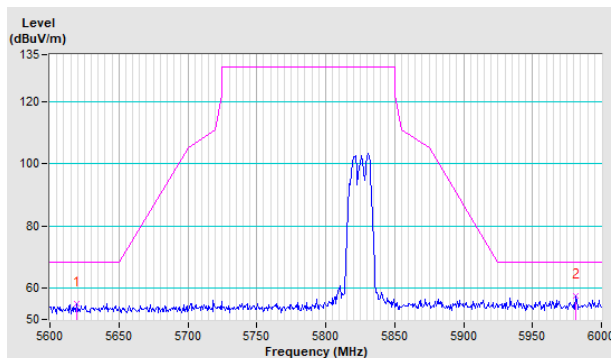


#### CH 165 5825 MHz

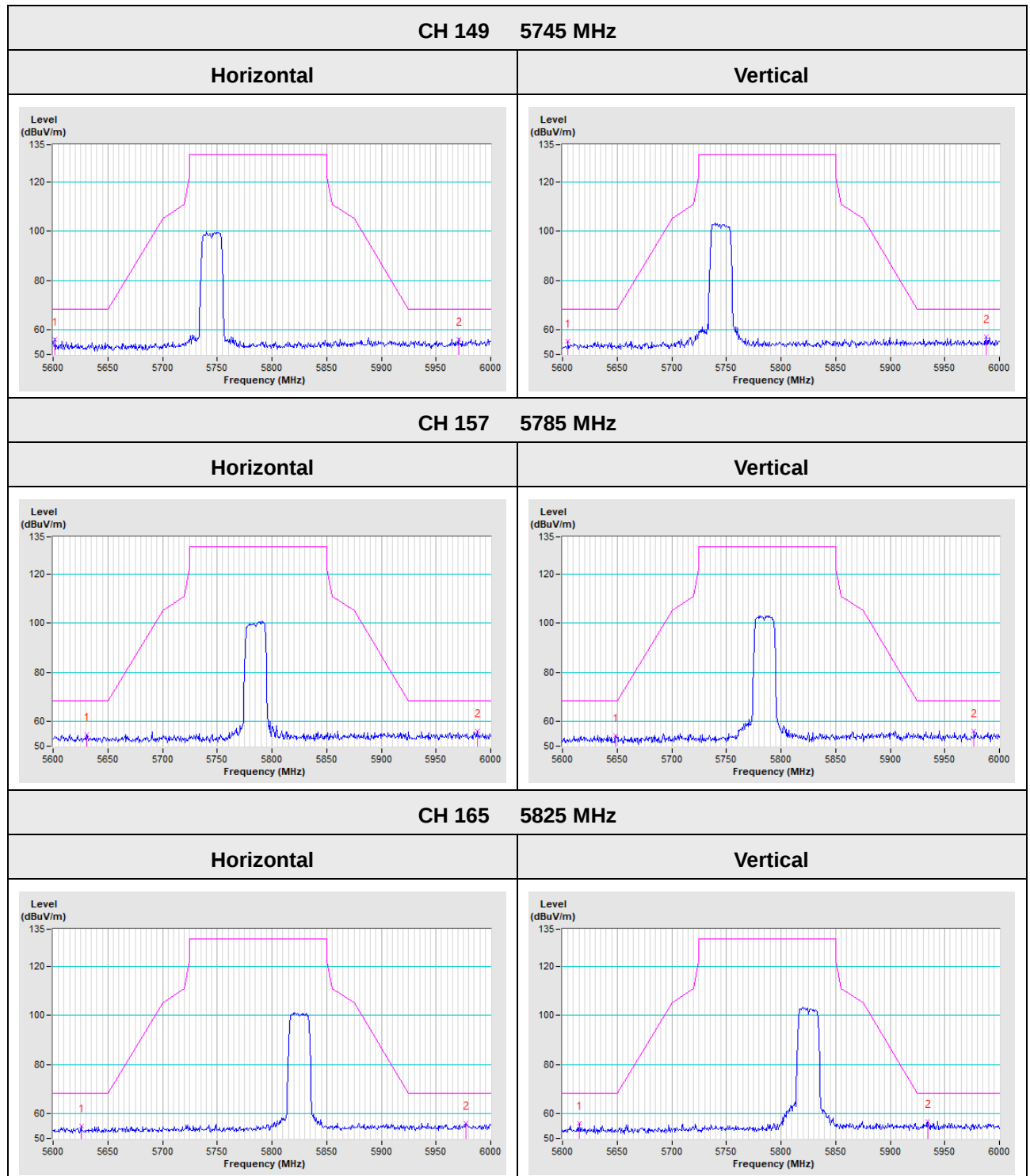
##### Horizontal



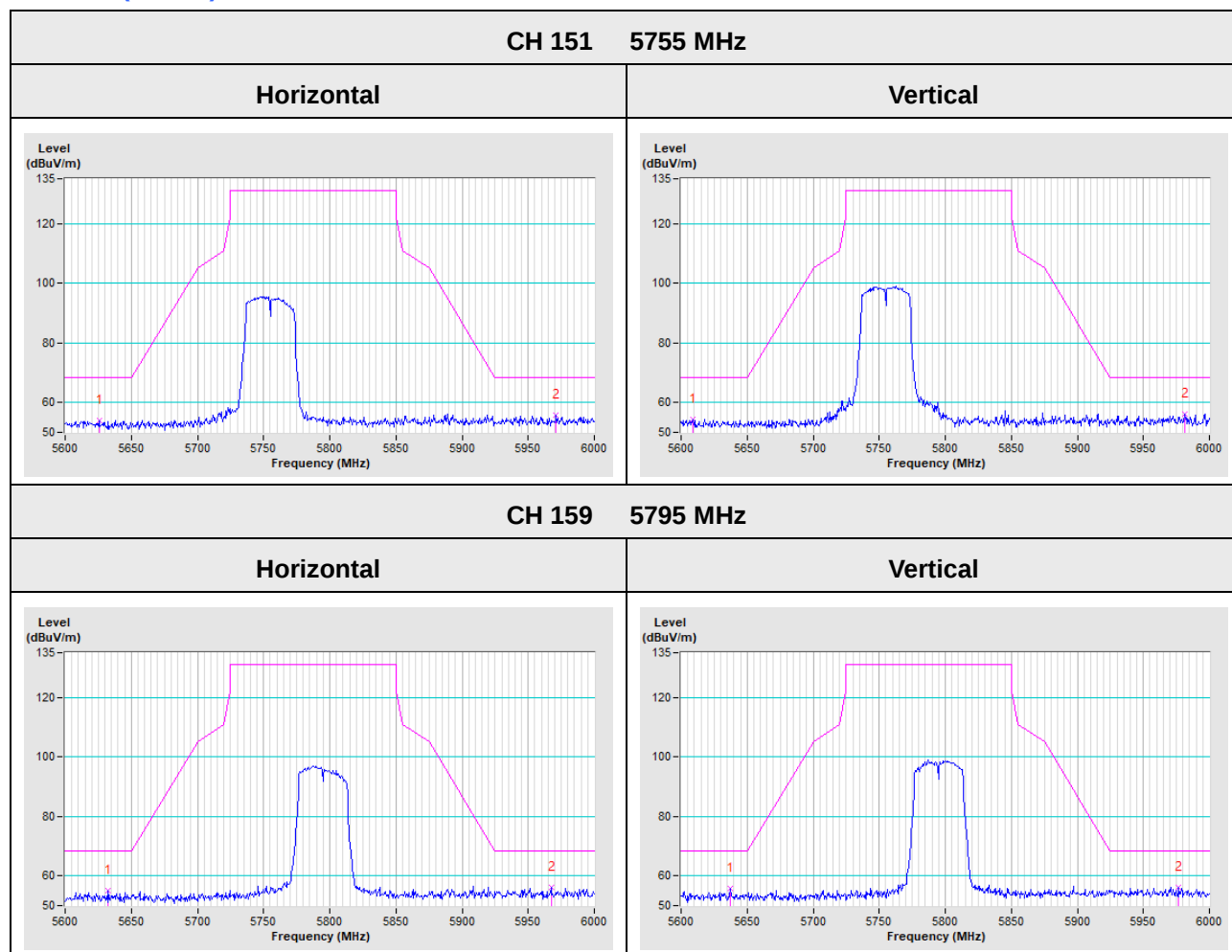
##### Vertical



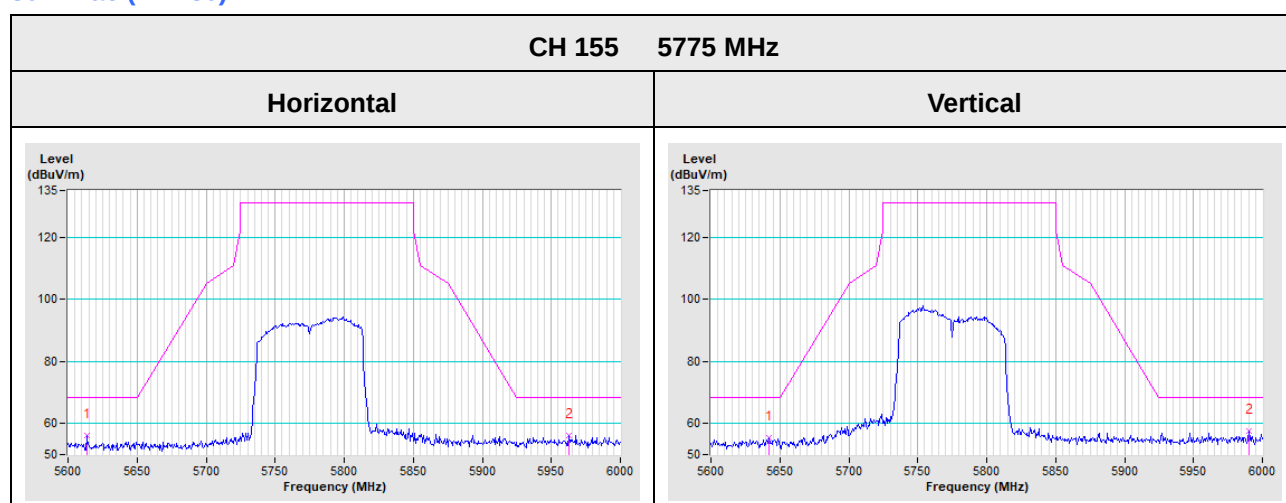
# 802.11ac (VHT20)



## 802.11ac (VHT40)



## 802.11ac (VHT80)

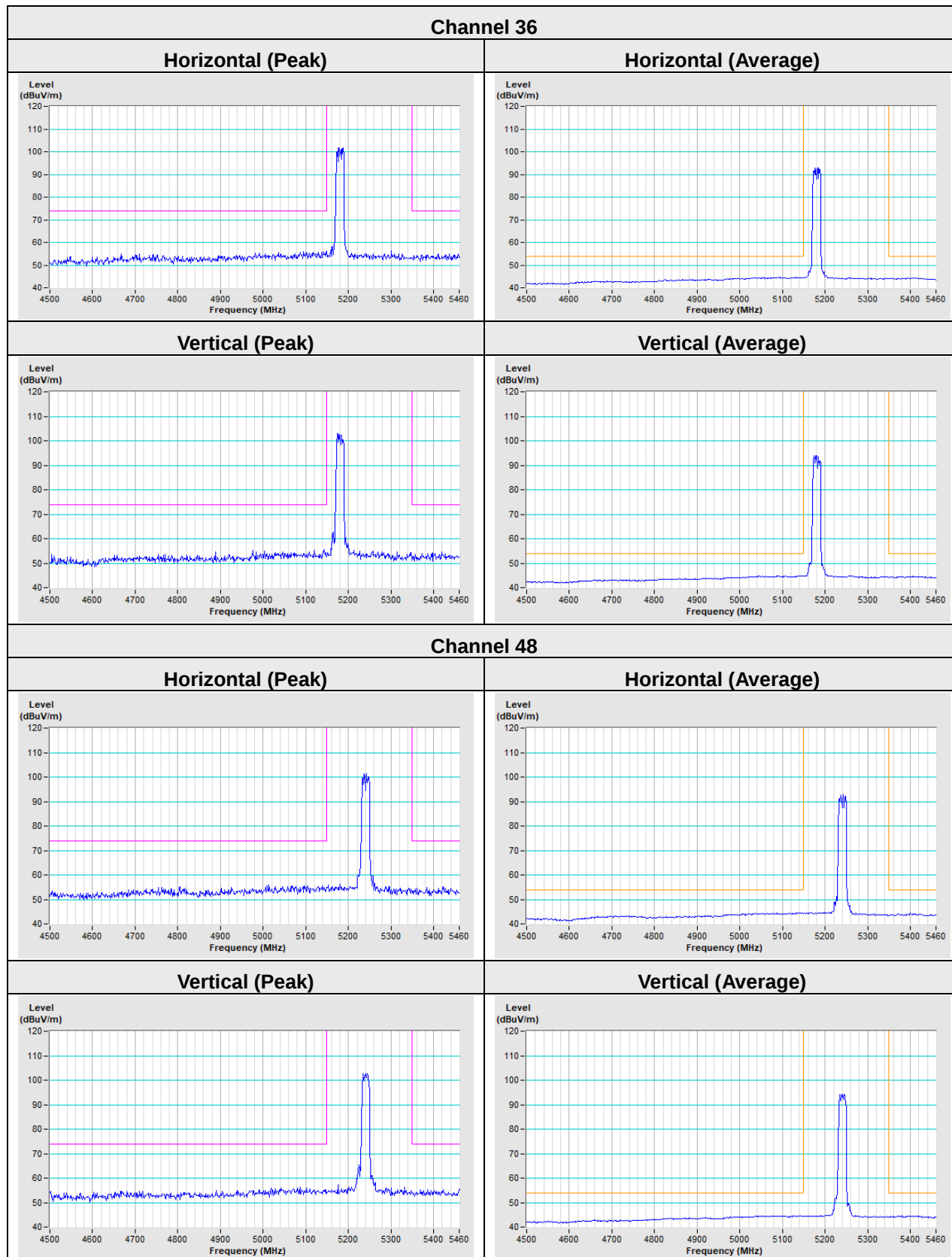


## Annex B- Radiated Out of Band Emission (OOBE) Measurement

For 5180 ~ 5320 MHz

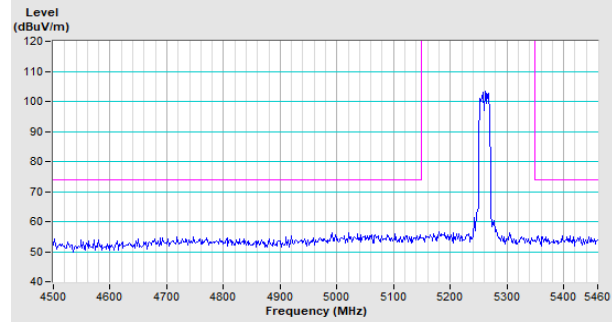
Mode A

802.11a

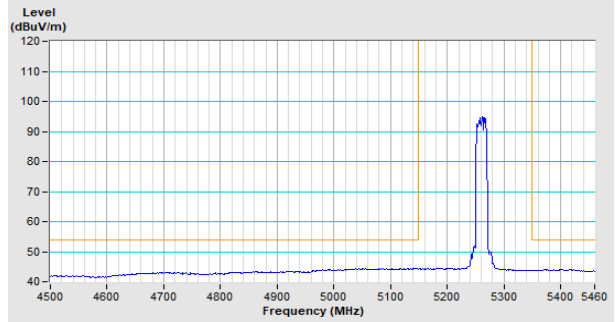


### Channel 52

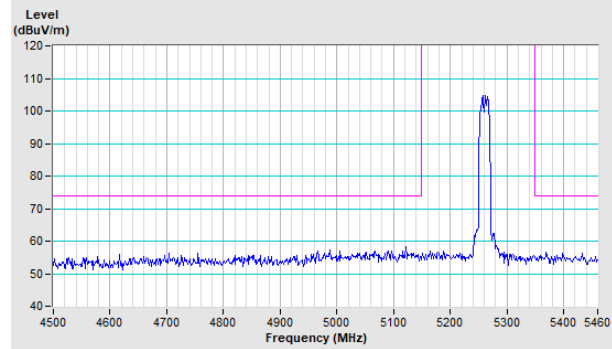
#### Horizontal (Peak)



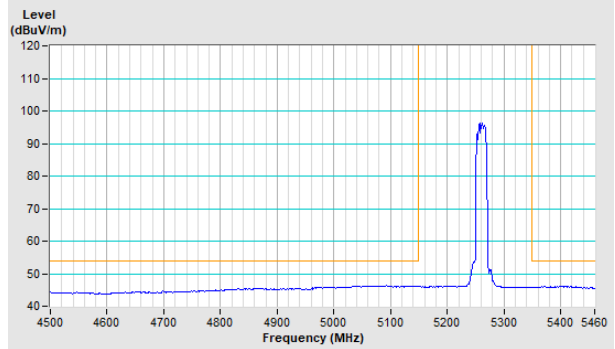
#### Horizontal (Average)



#### Vertical (Peak)

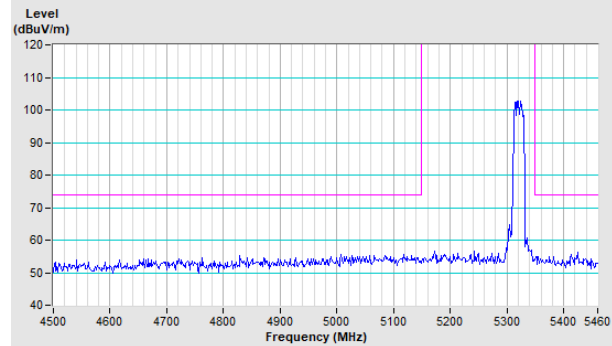


#### Vertical (Average)

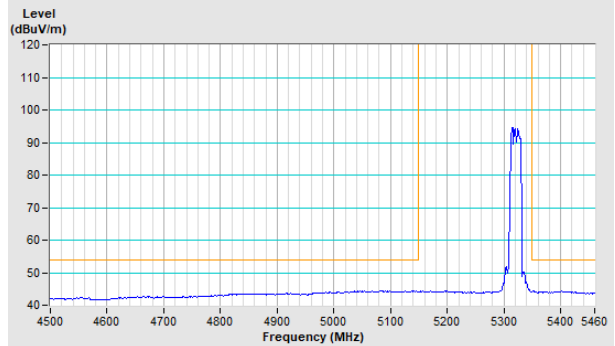


### Channel 64

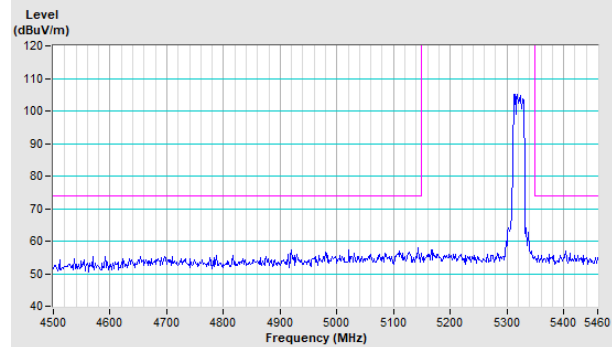
#### Horizontal (Peak)



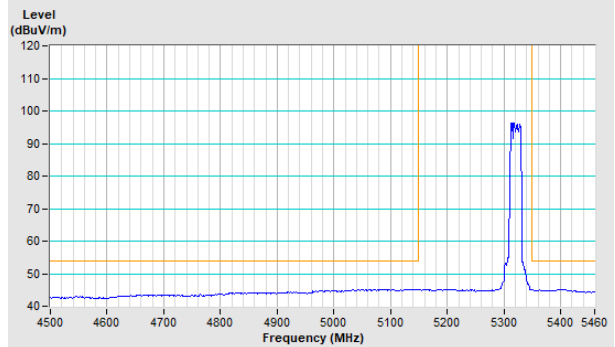
#### Horizontal (Average)



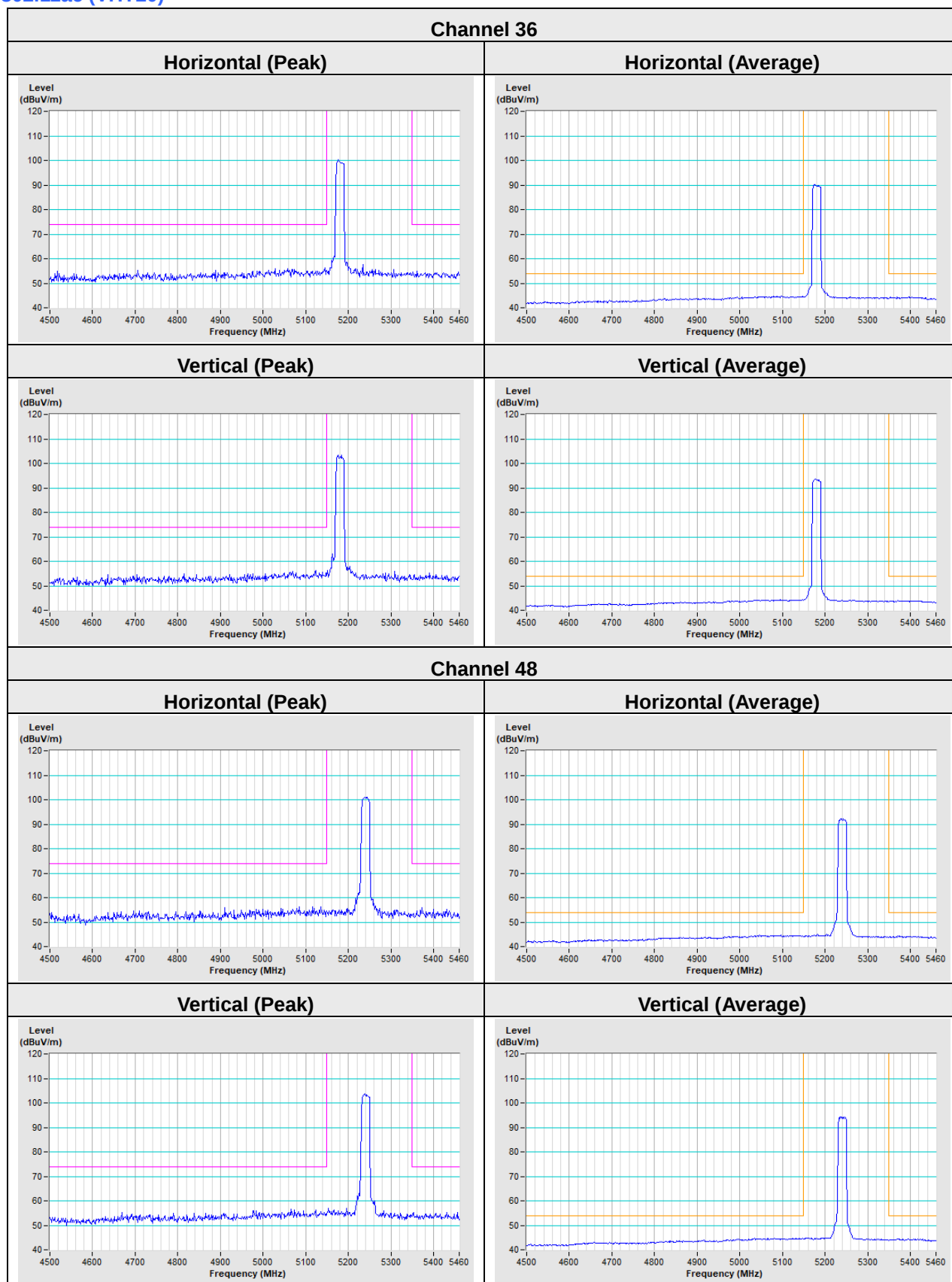
#### Vertical (Peak)

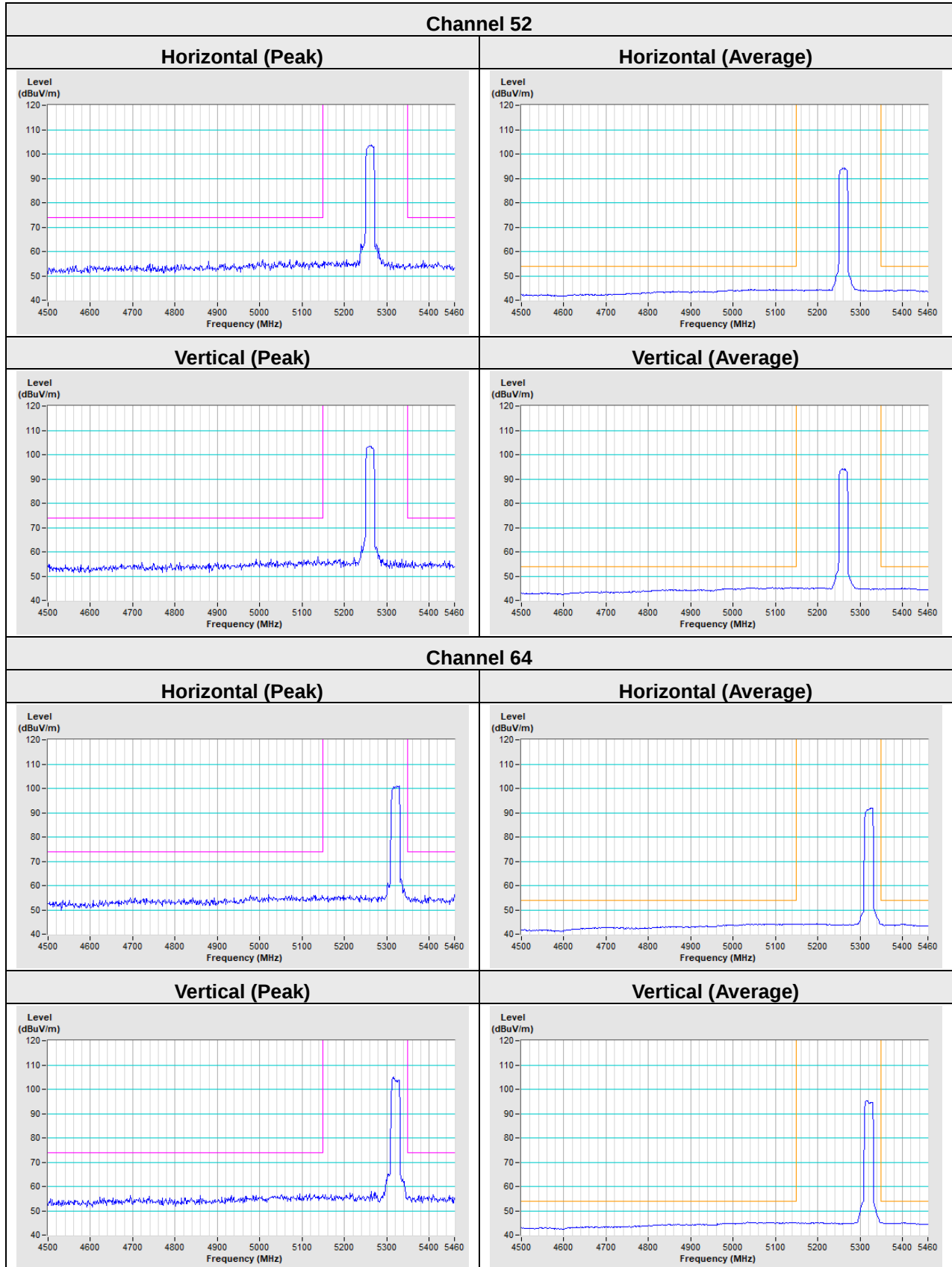


#### Vertical (Average)

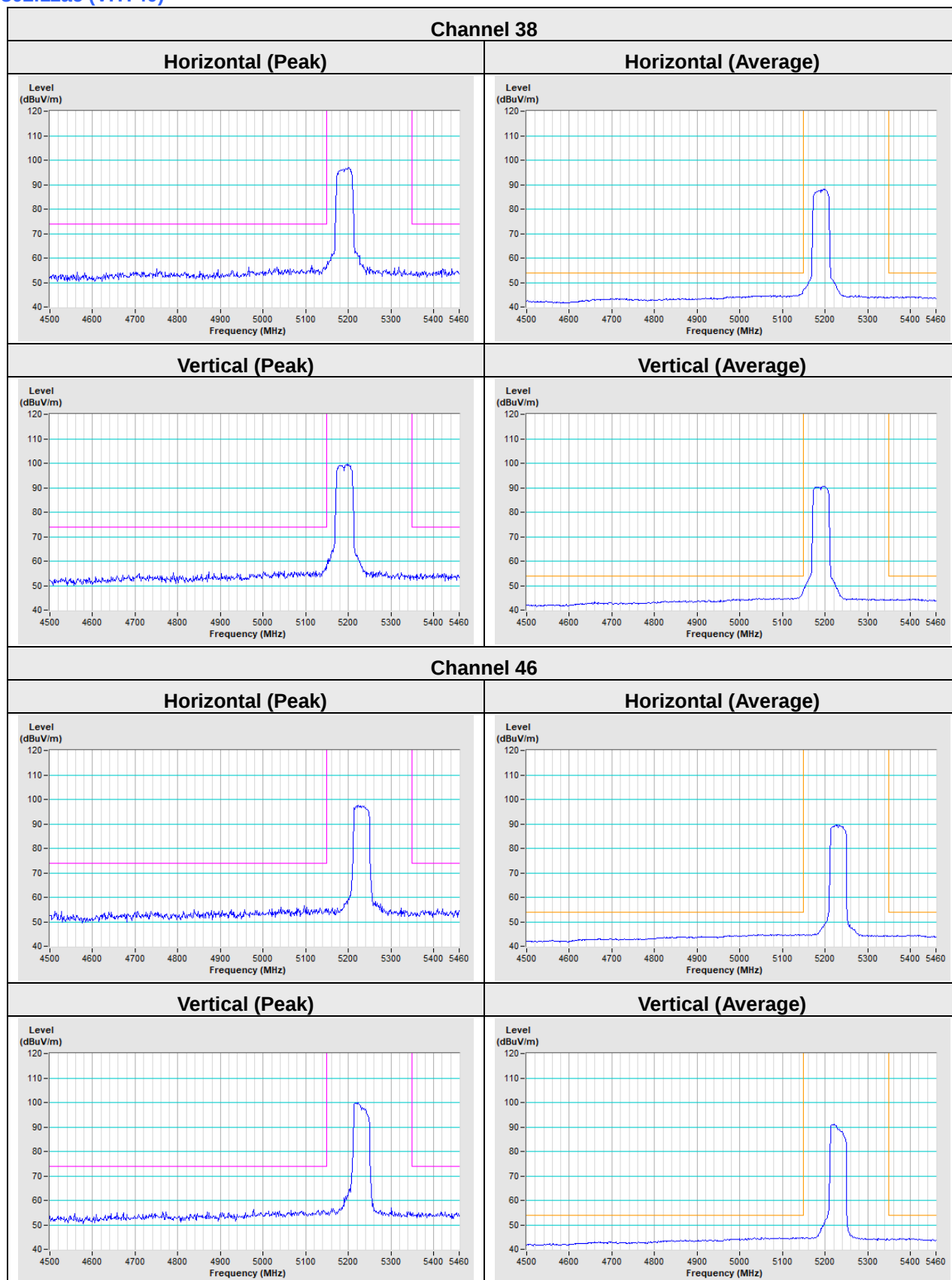


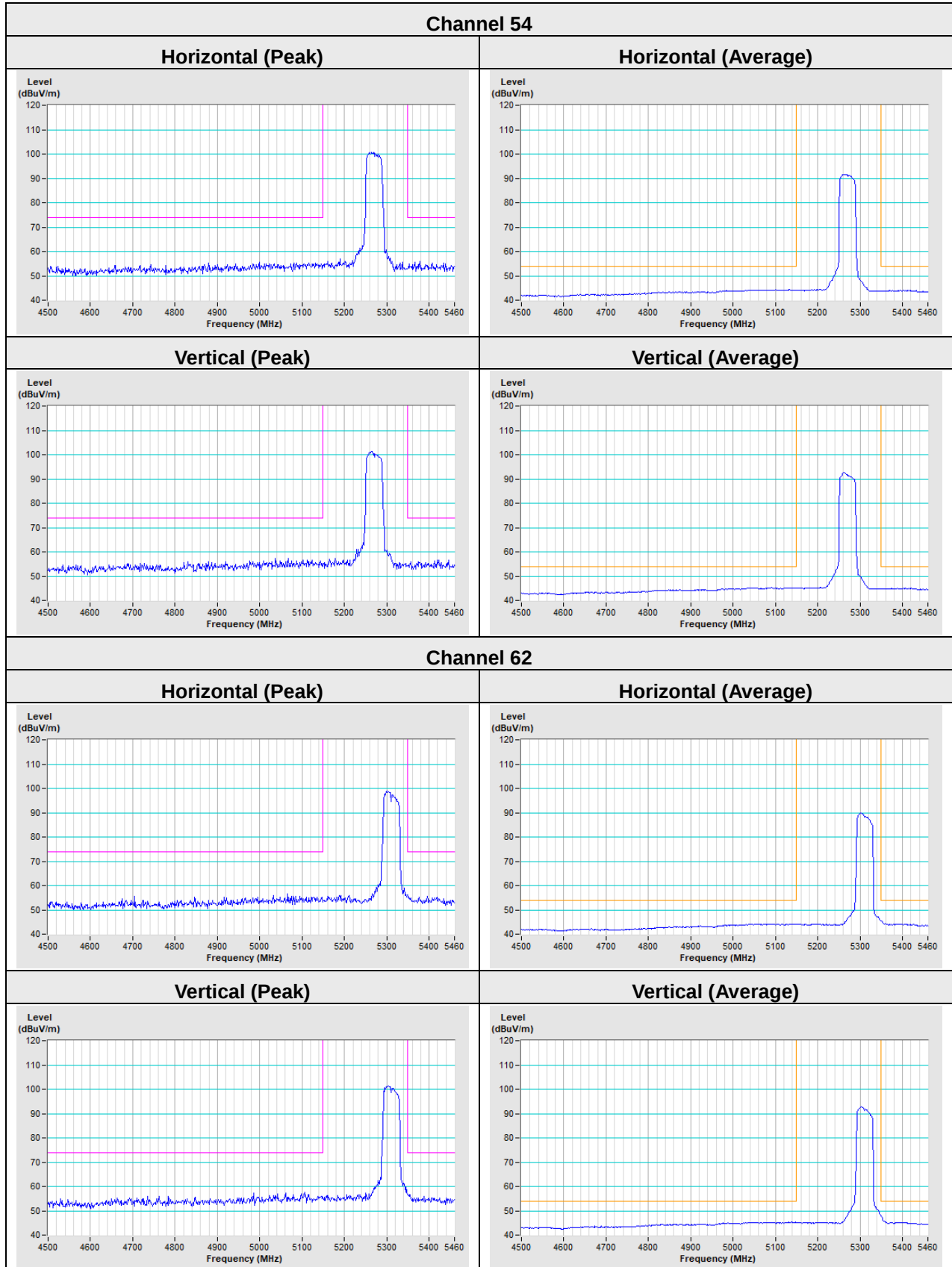
## 802.11ac (VHT20)



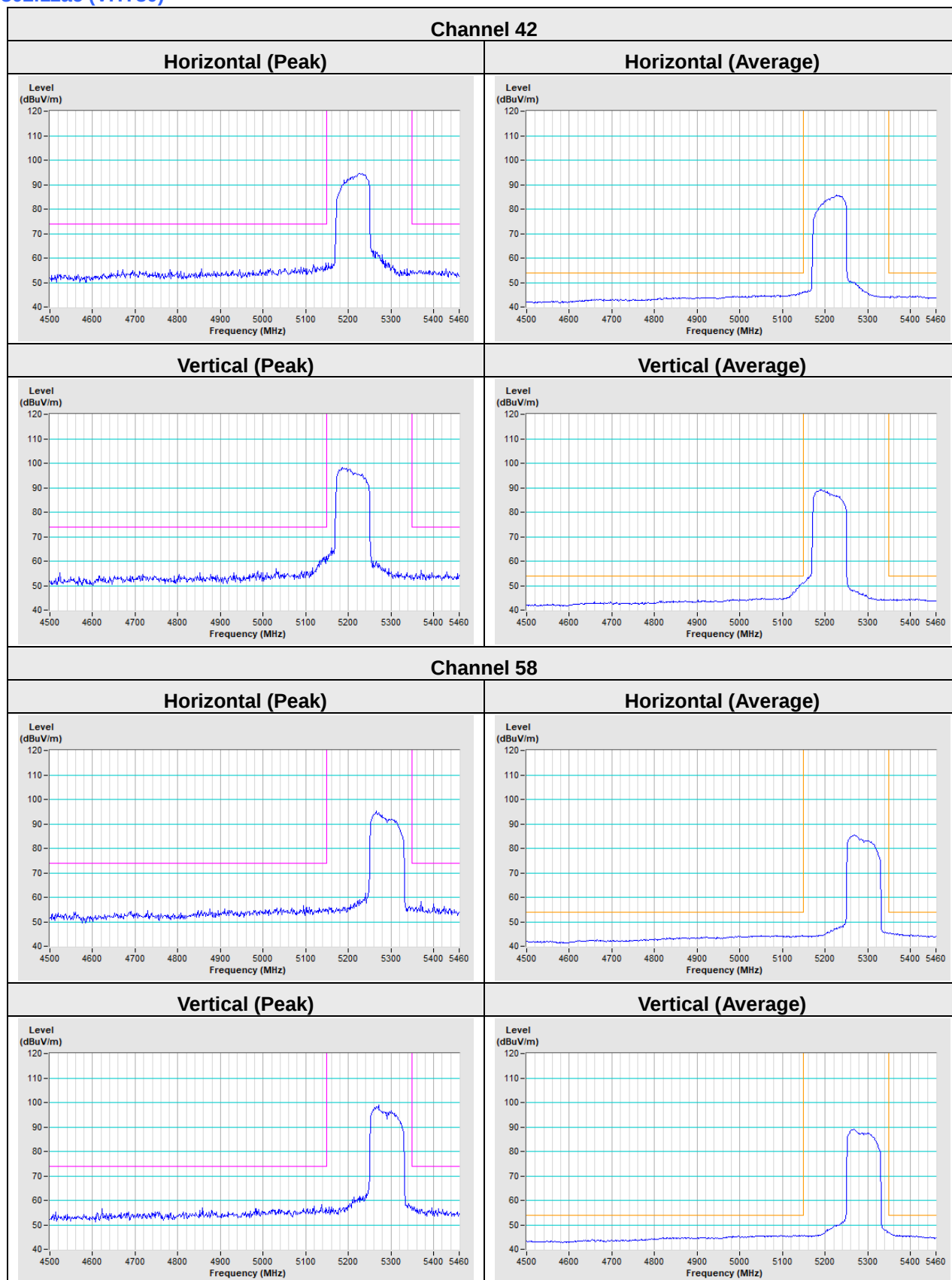


## 802.11ac (VHT40)



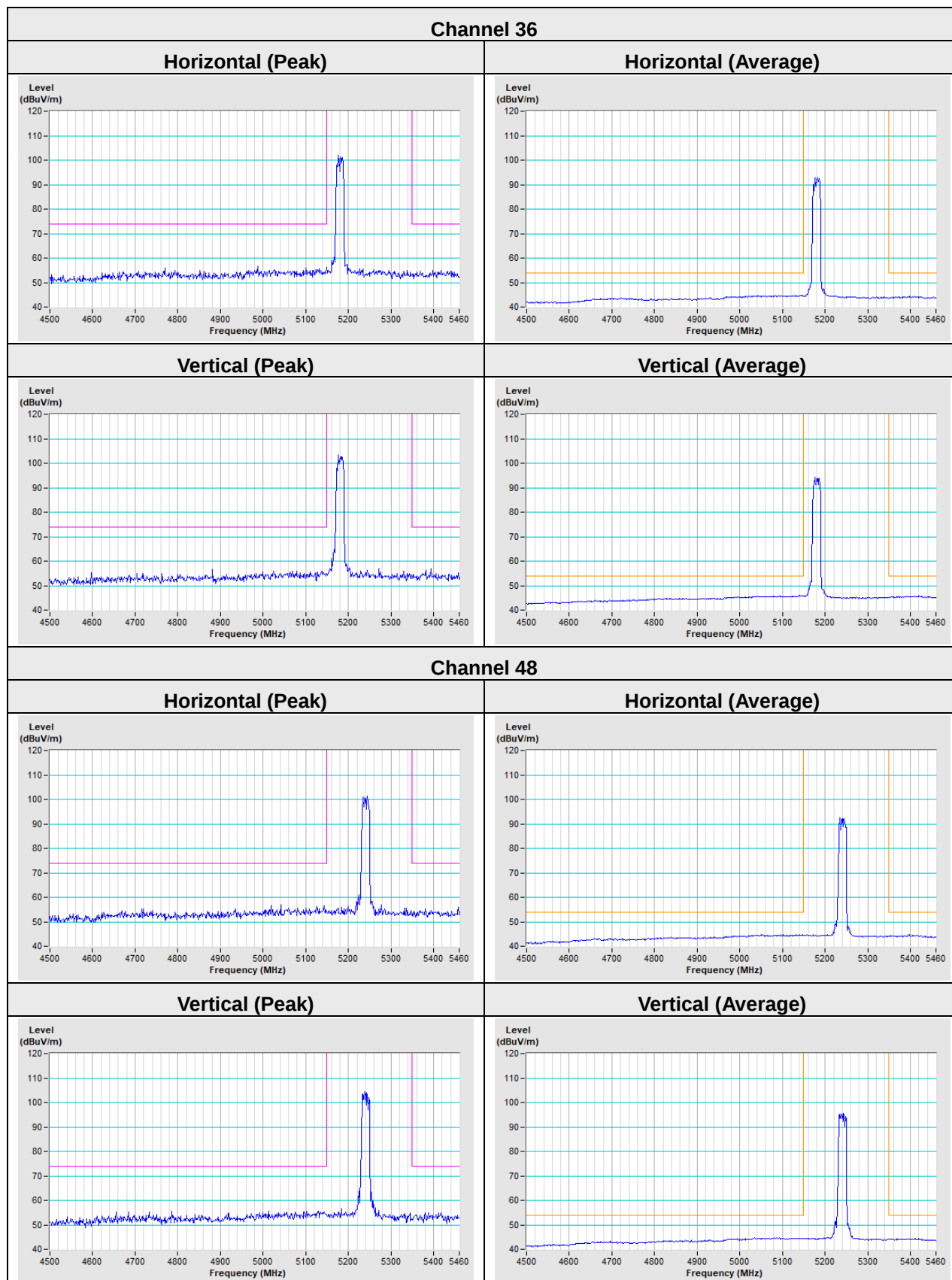


## 802.11ac (VHT80)



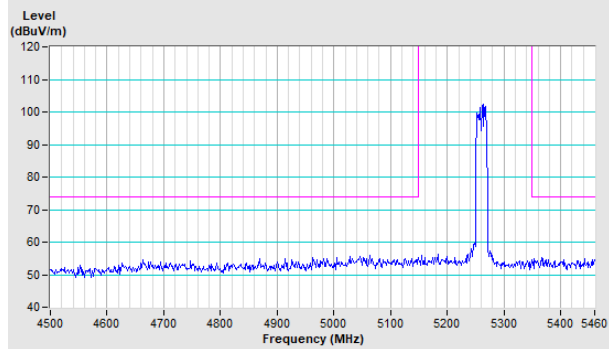
## Mode B

### 802.11a

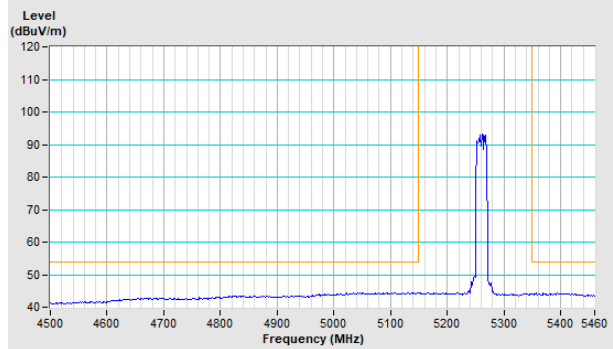


### Channel 52

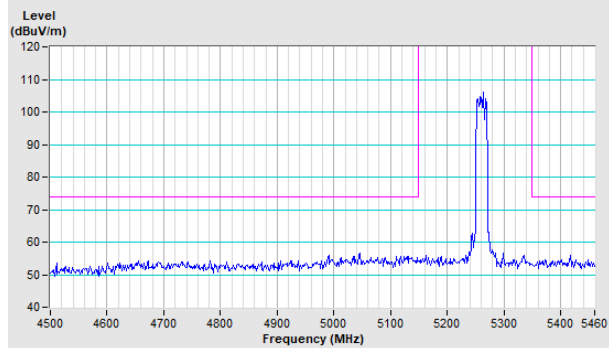
#### Horizontal (Peak)



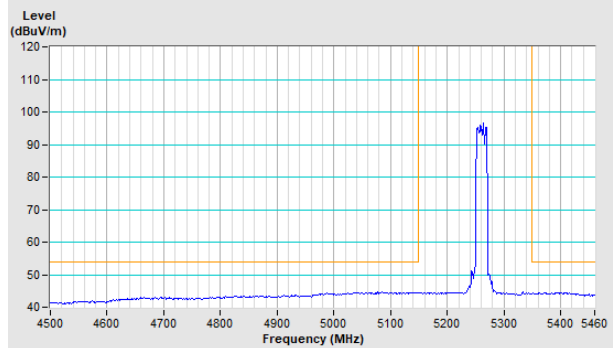
#### Horizontal (Average)



#### Vertical (Peak)

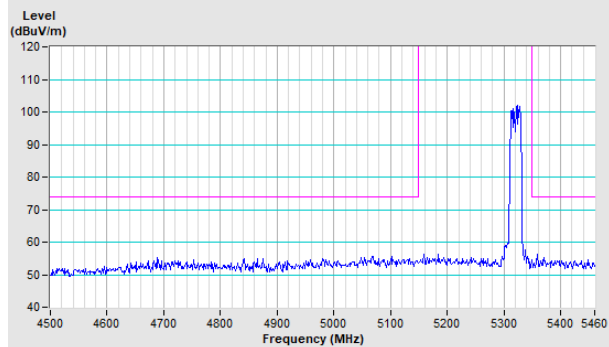


#### Vertical (Average)

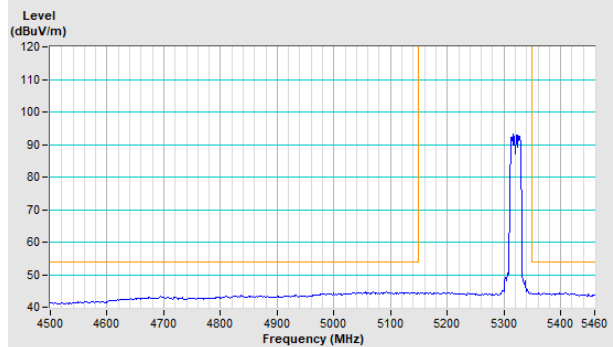


### Channel 64

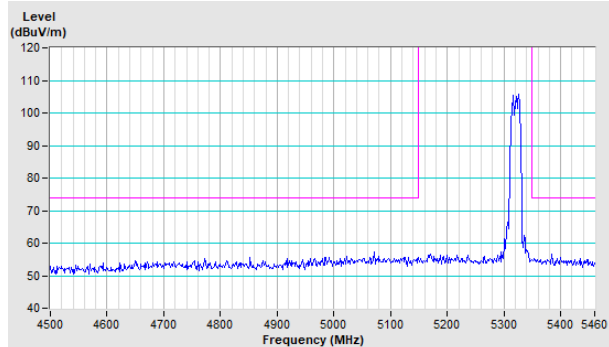
#### Horizontal (Peak)



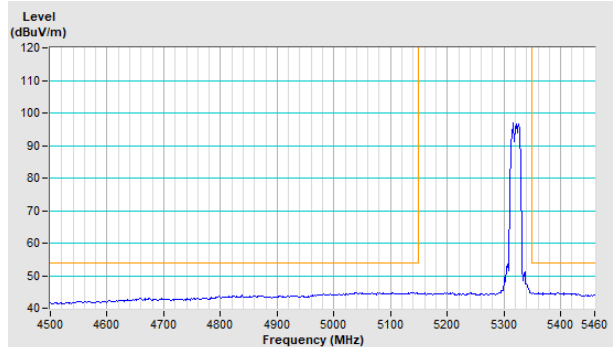
#### Horizontal (Average)



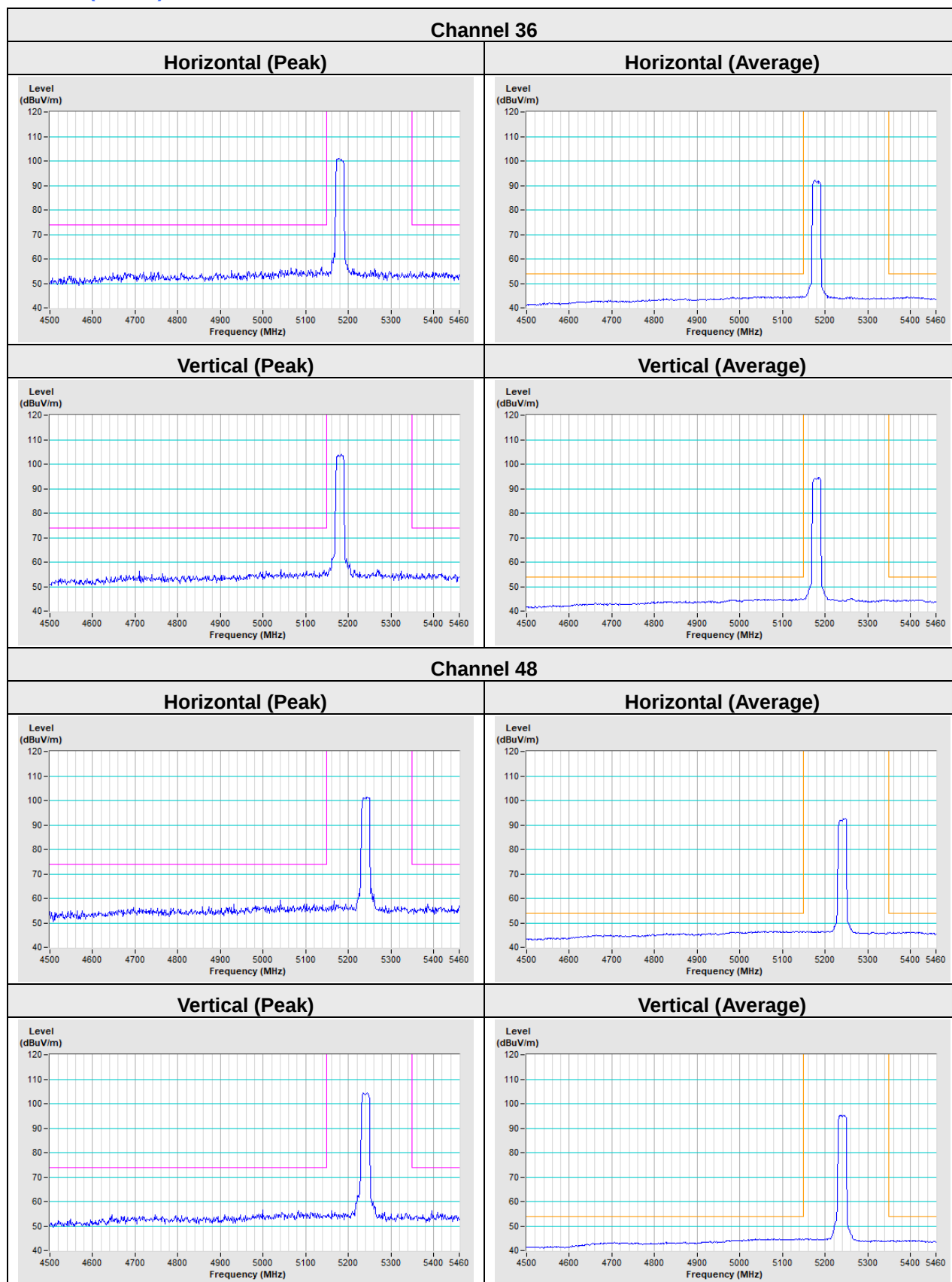
#### Vertical (Peak)

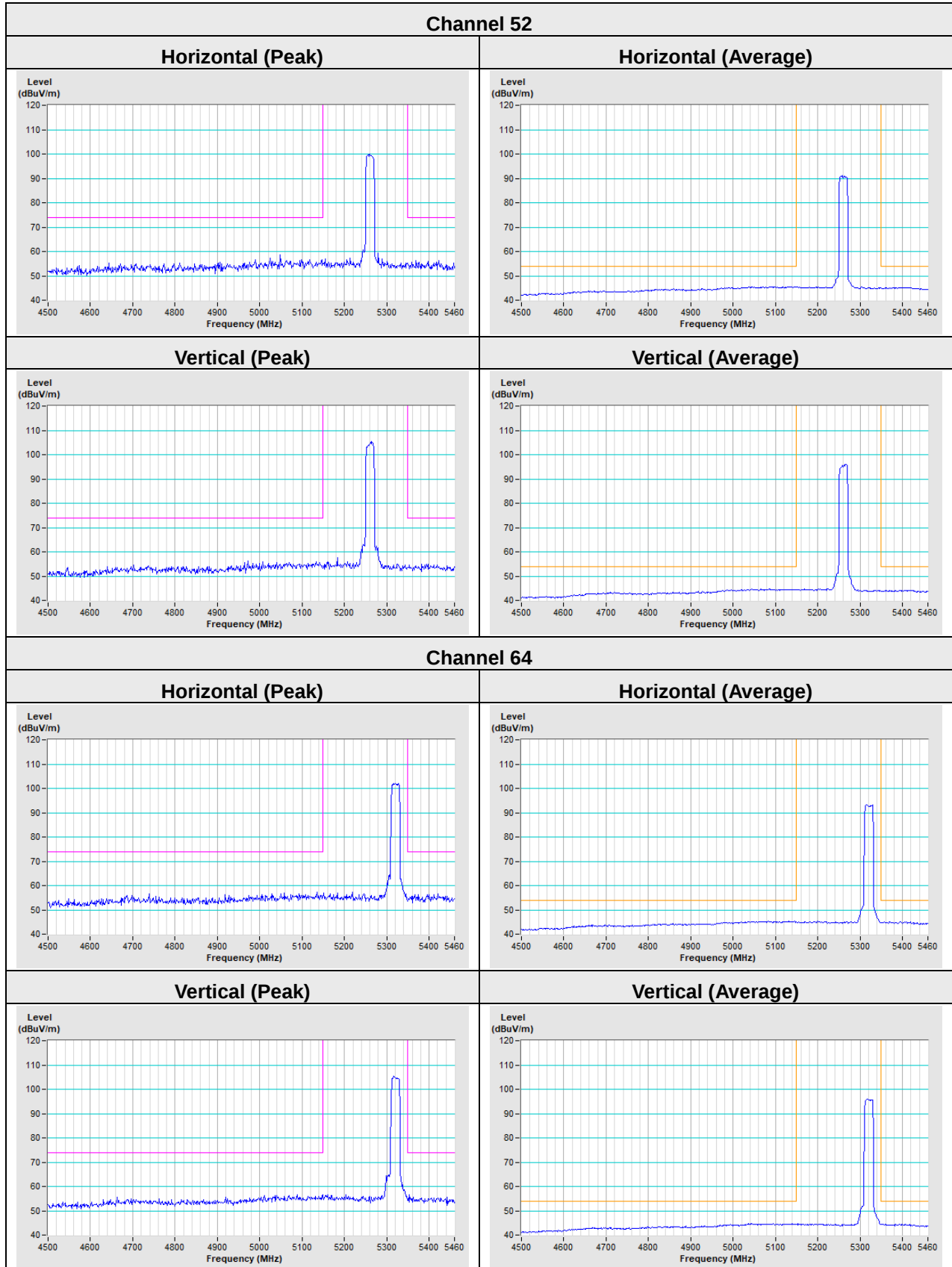


#### Vertical (Average)

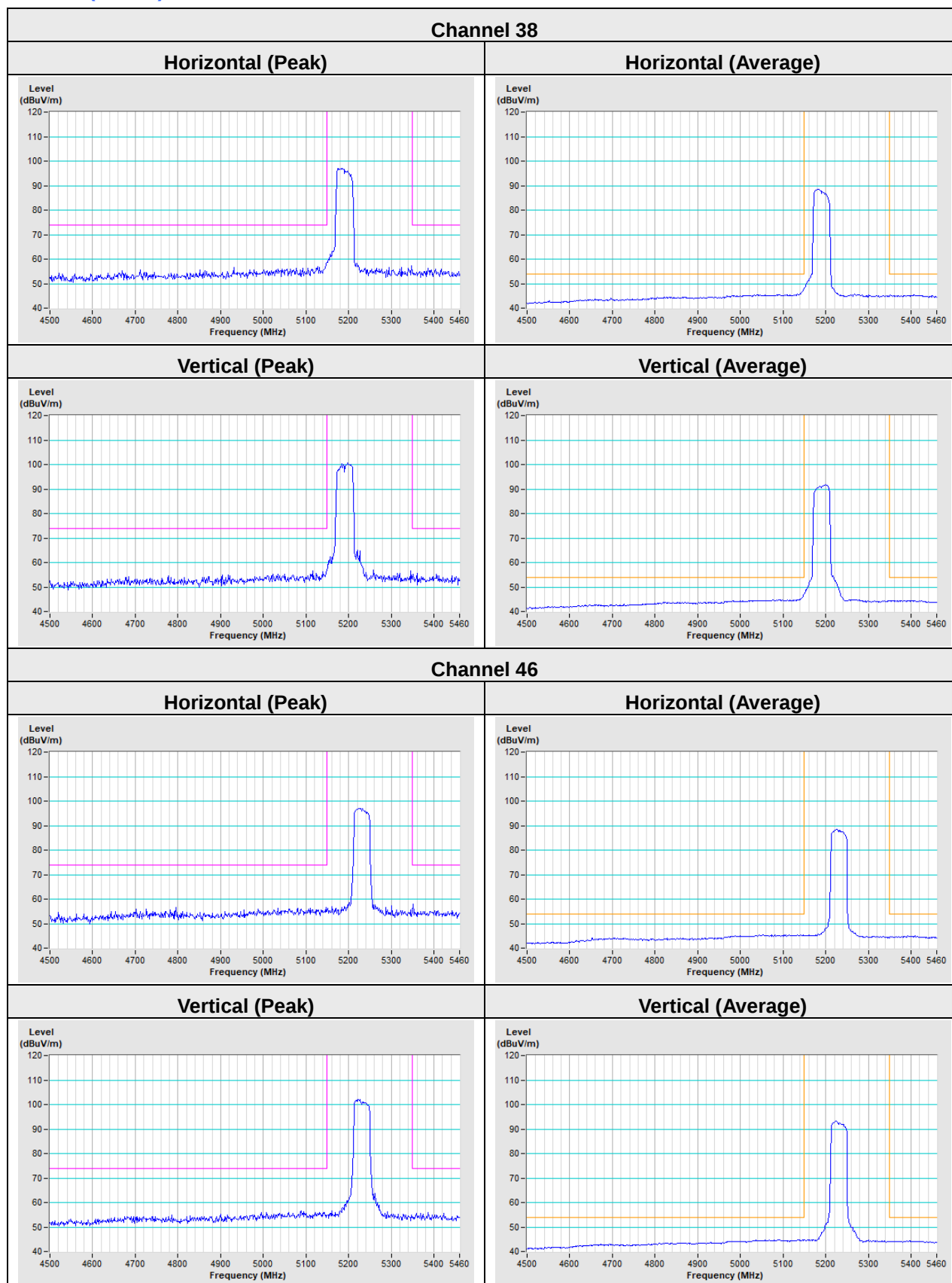


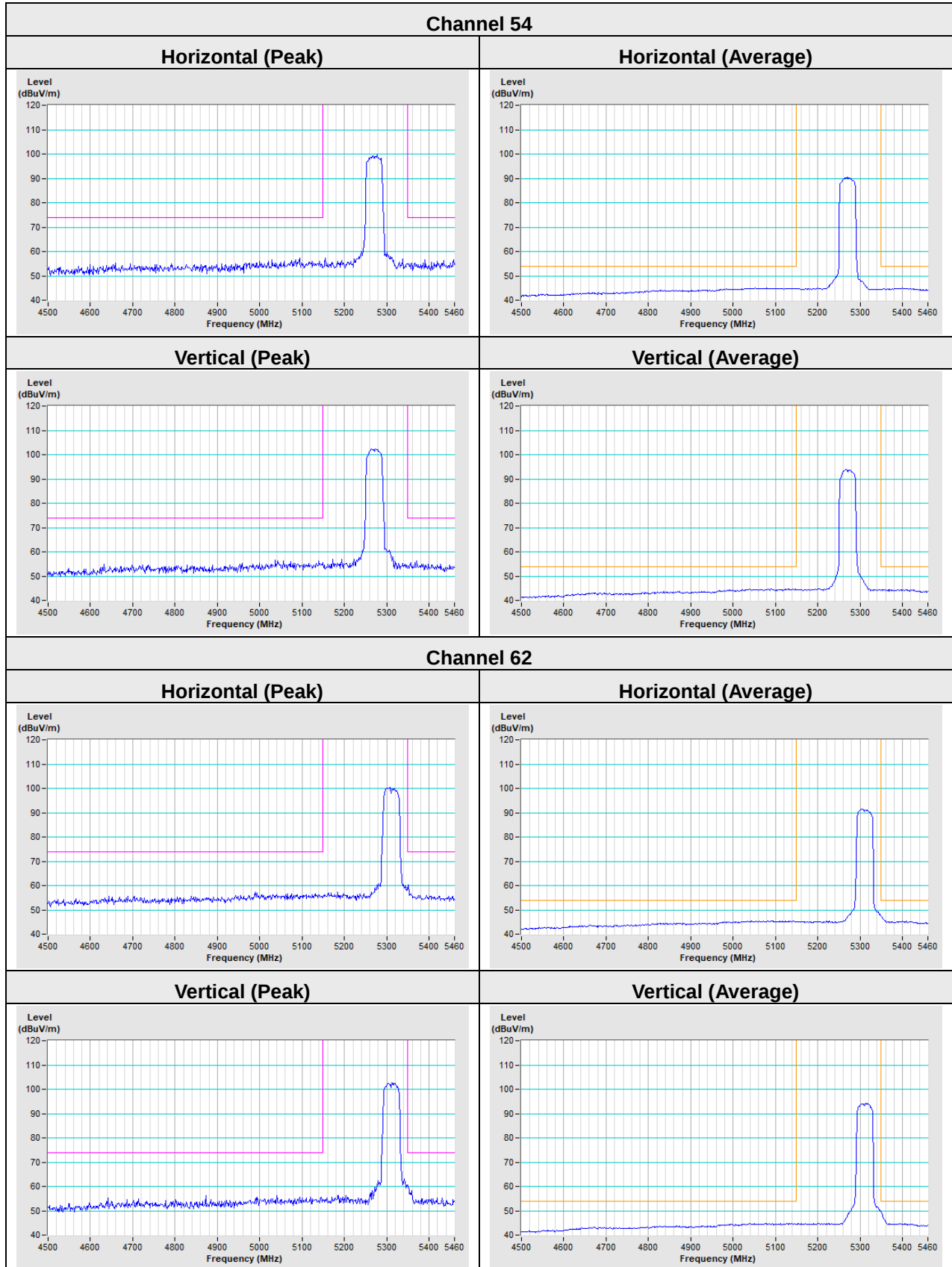
## 802.11ac (VHT20)



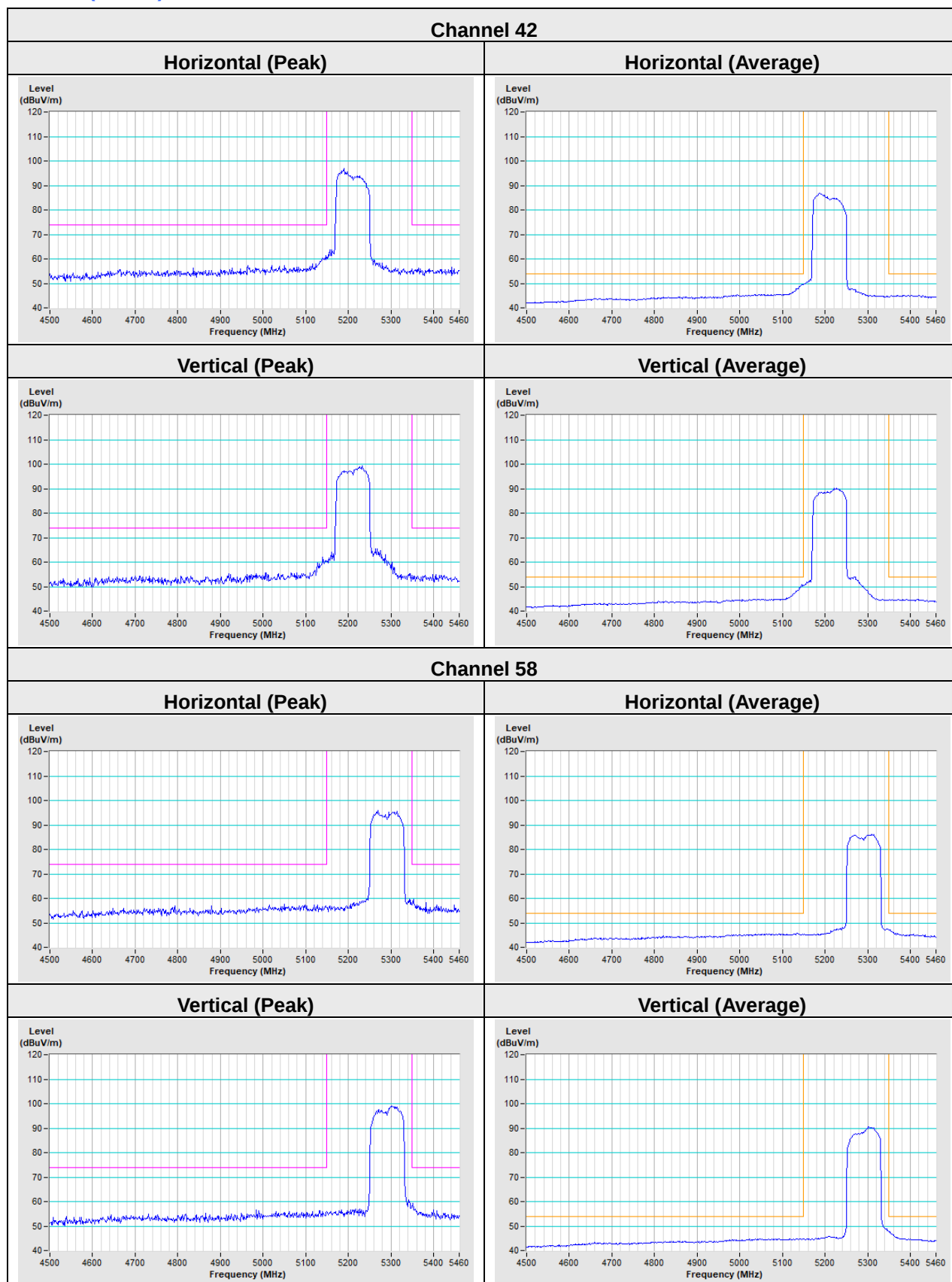


## 802.11ac (VHT40)





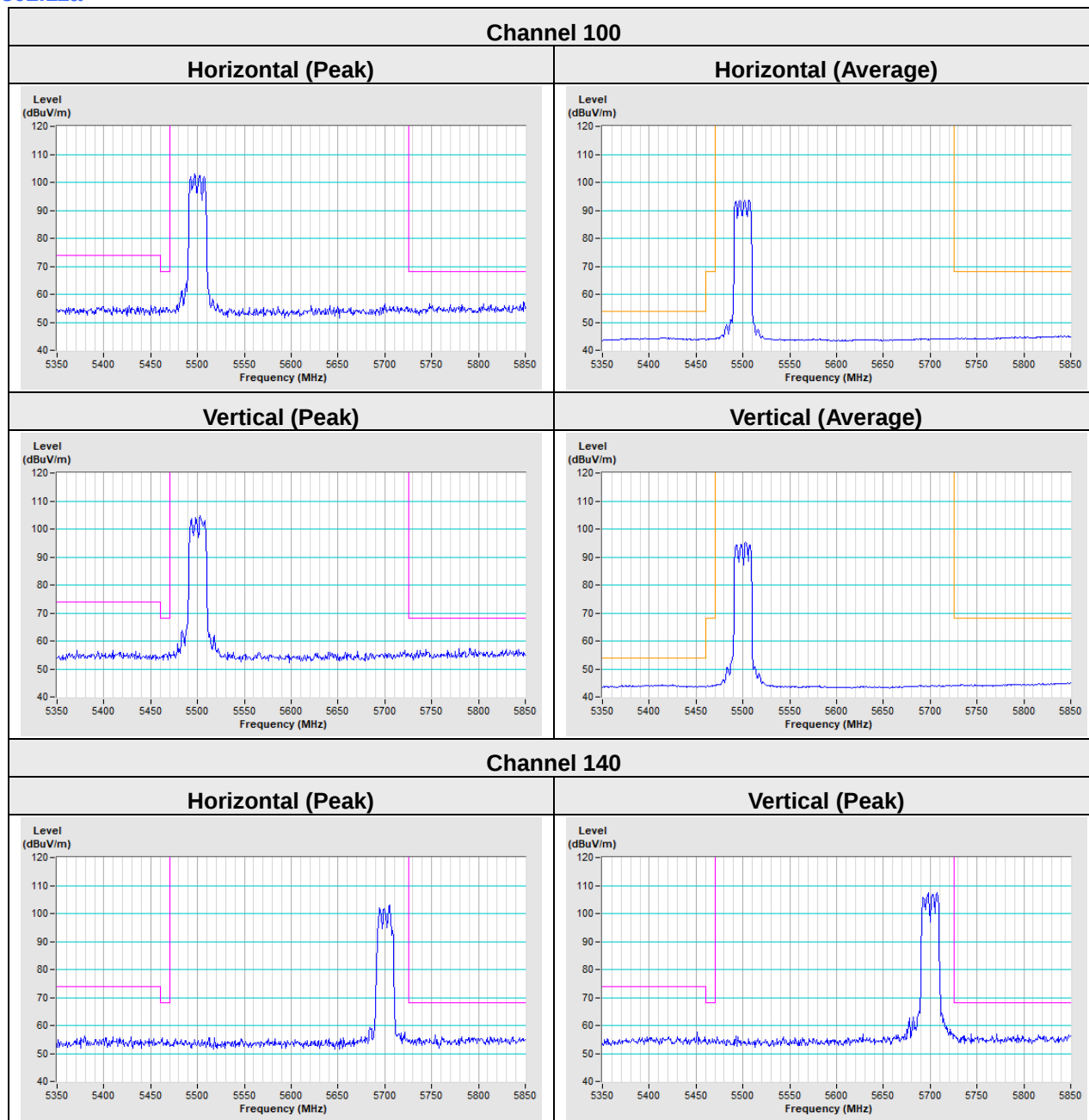
## 802.11ac (VHT80)



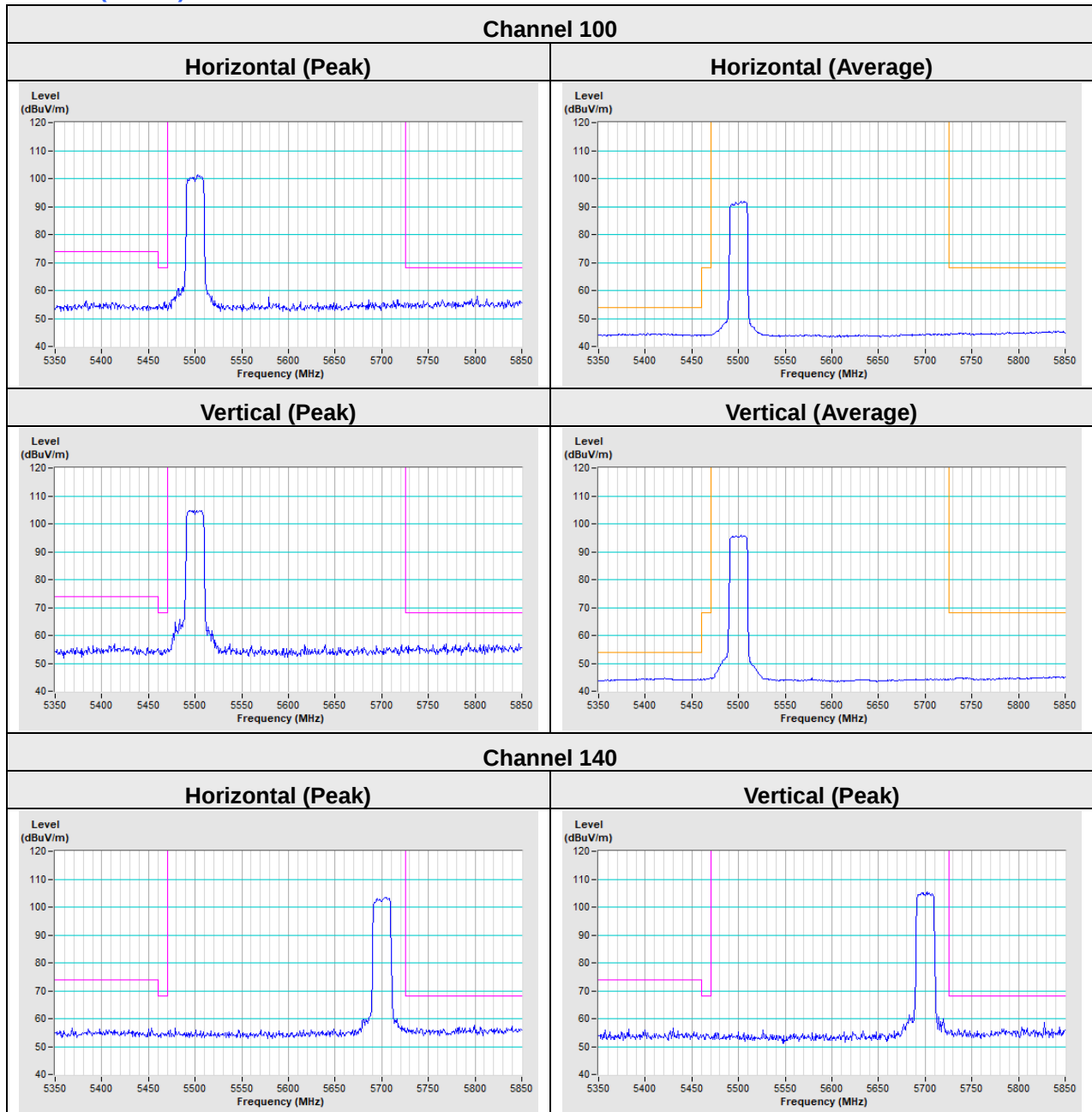
For 5500 ~ 5720 MHz

Mode A

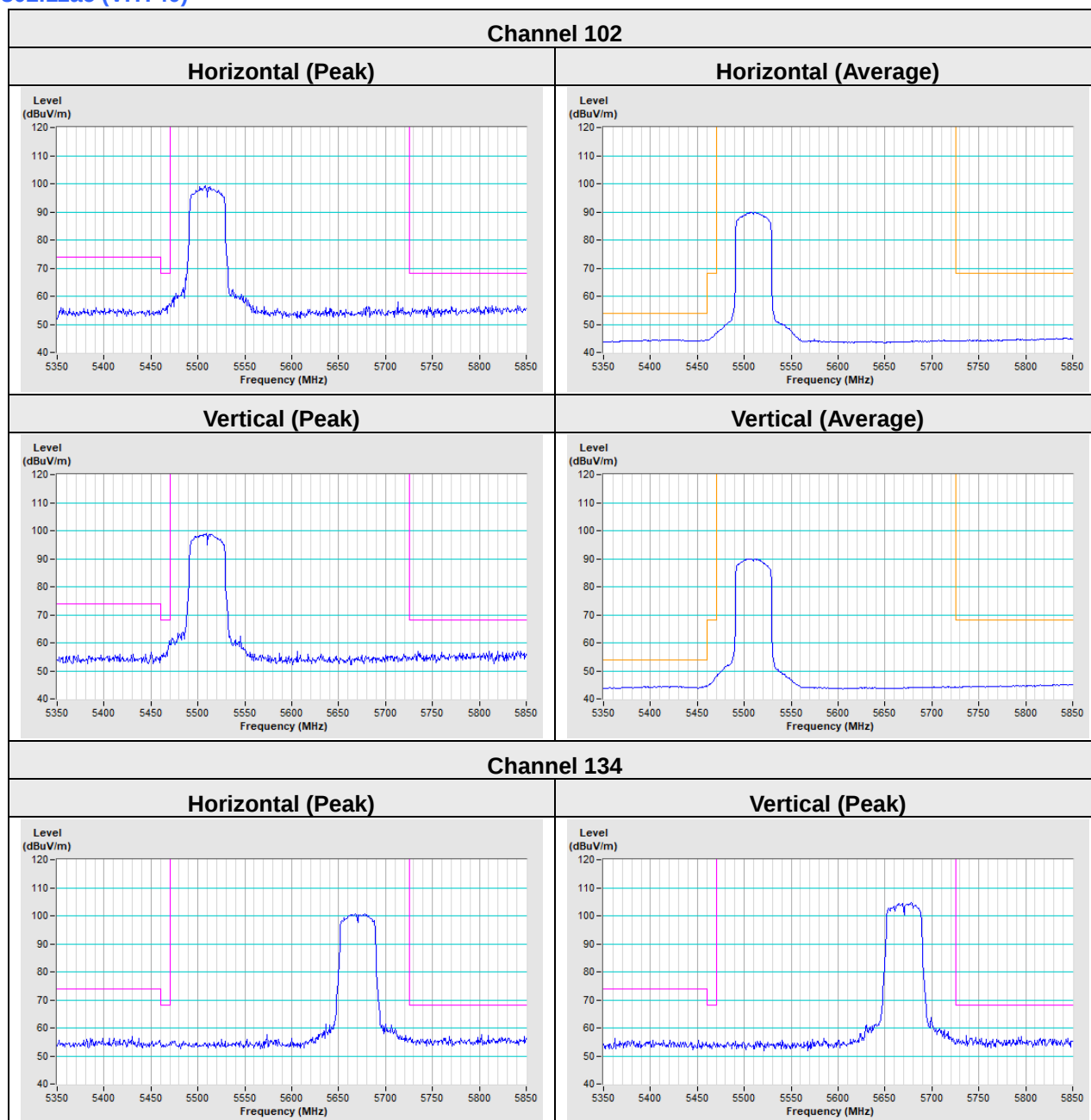
802.11a



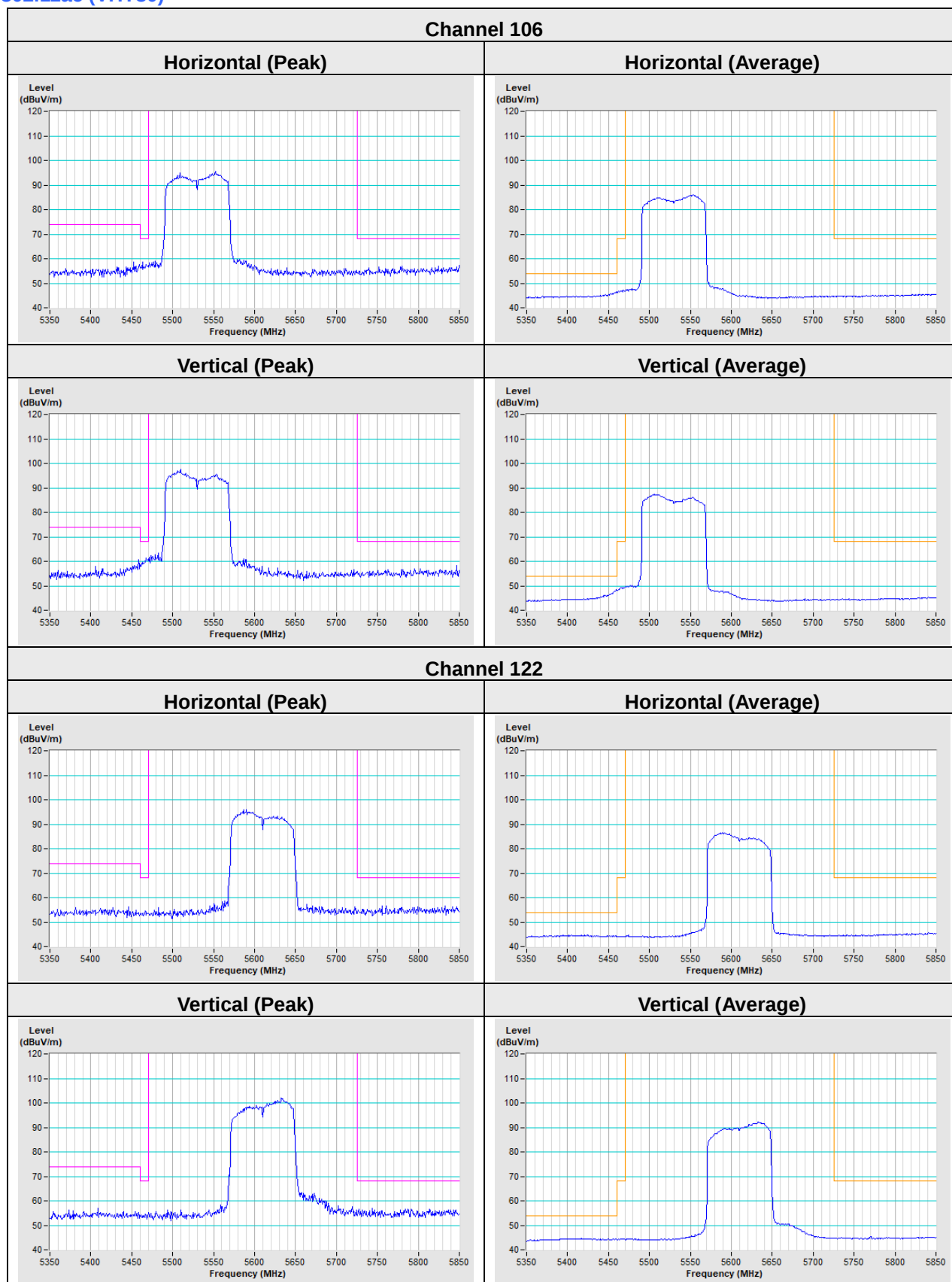
## 802.11ac (VHT20)



## 802.11ac (VHT40)



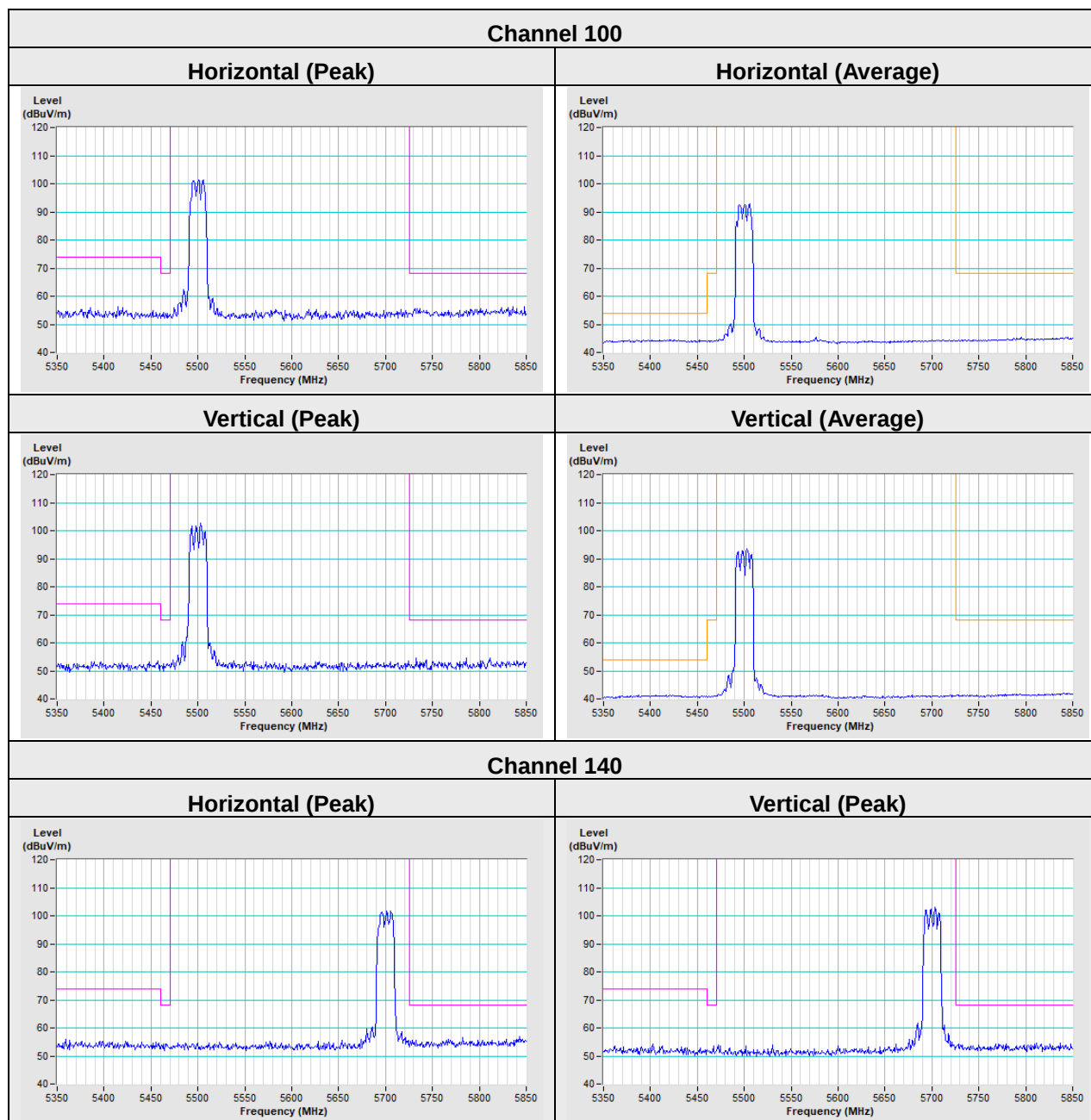
## 802.11ac (VHT80)



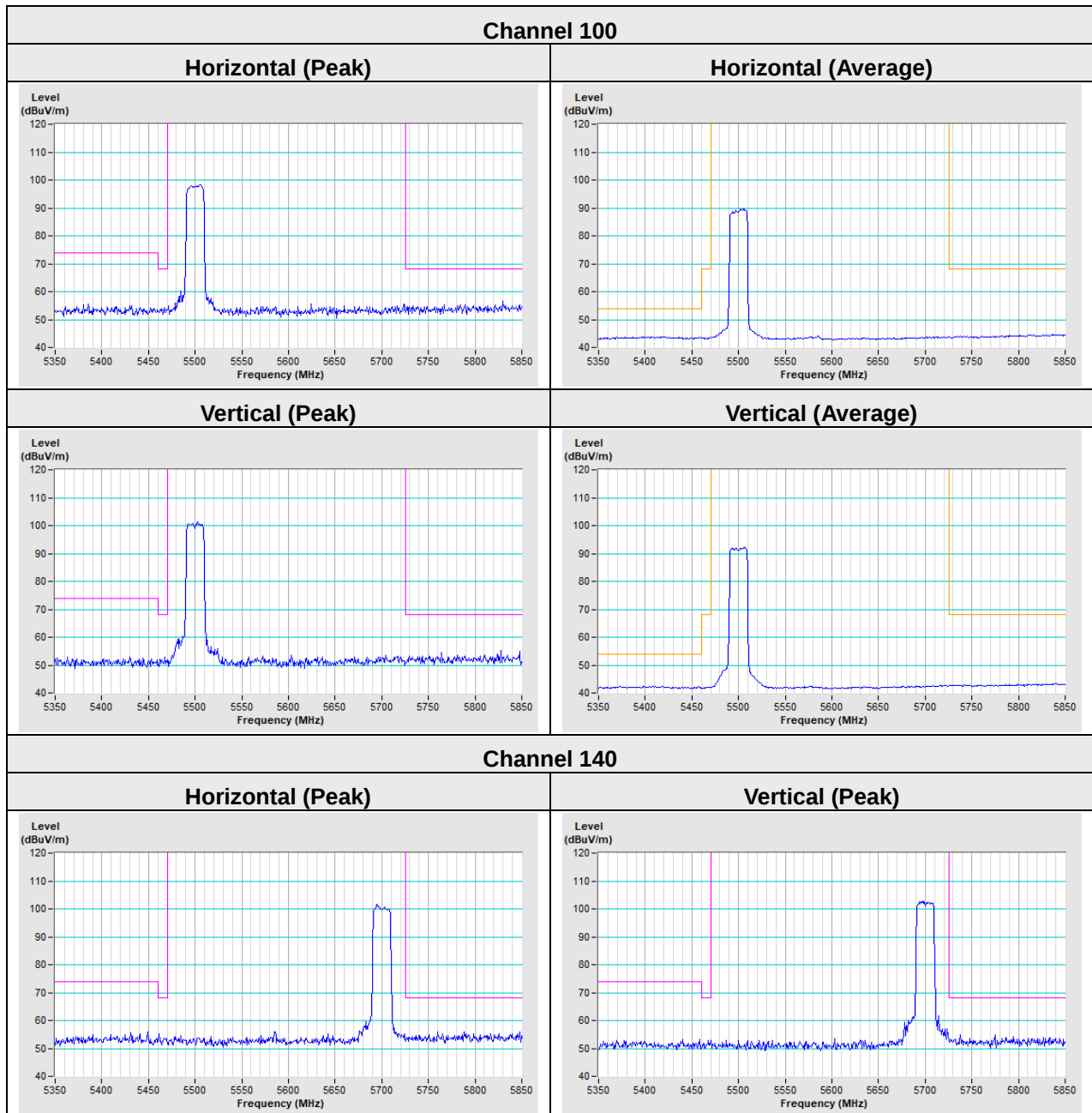
## Mode B

## Band Edge

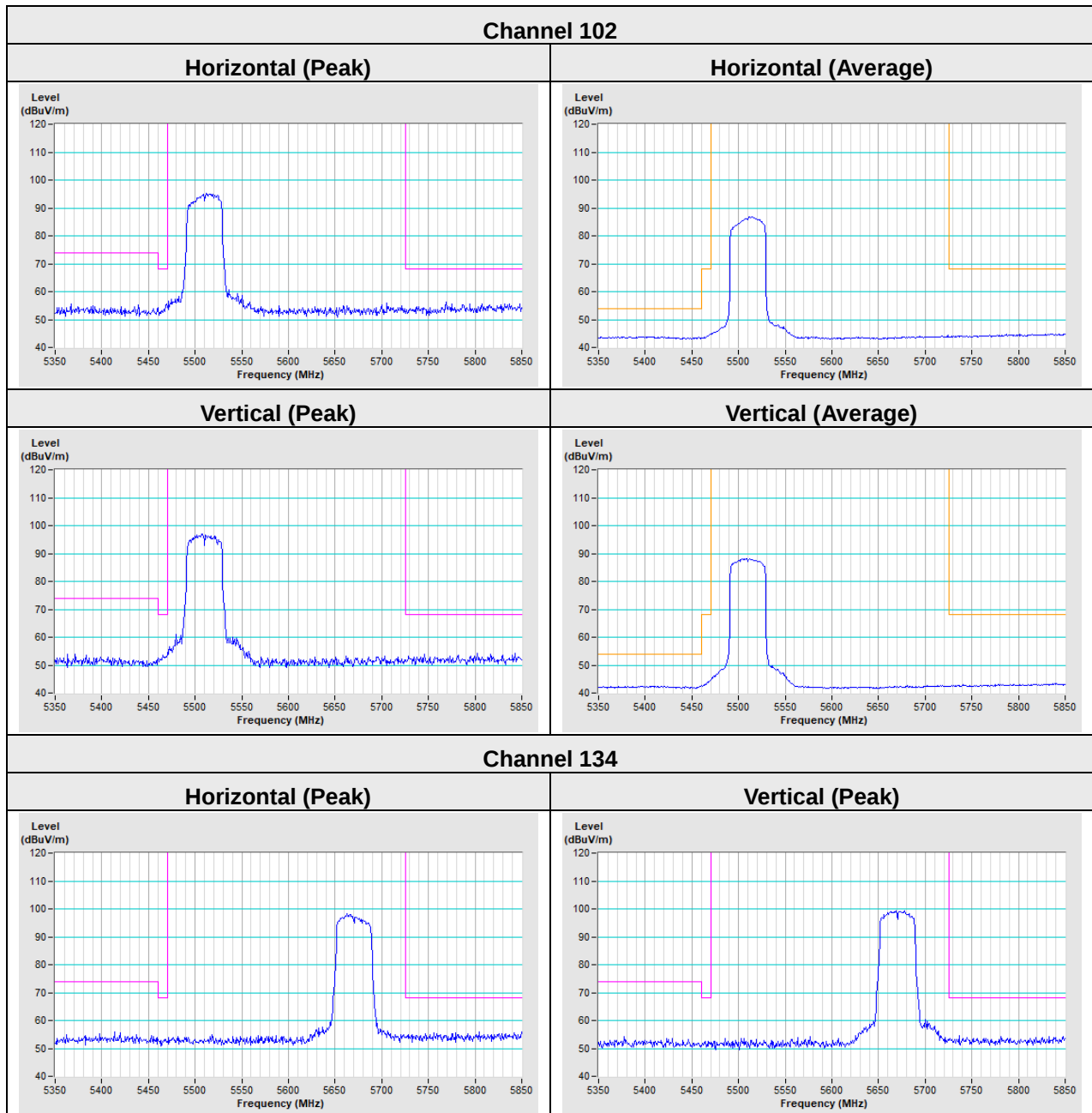
## 802.11a



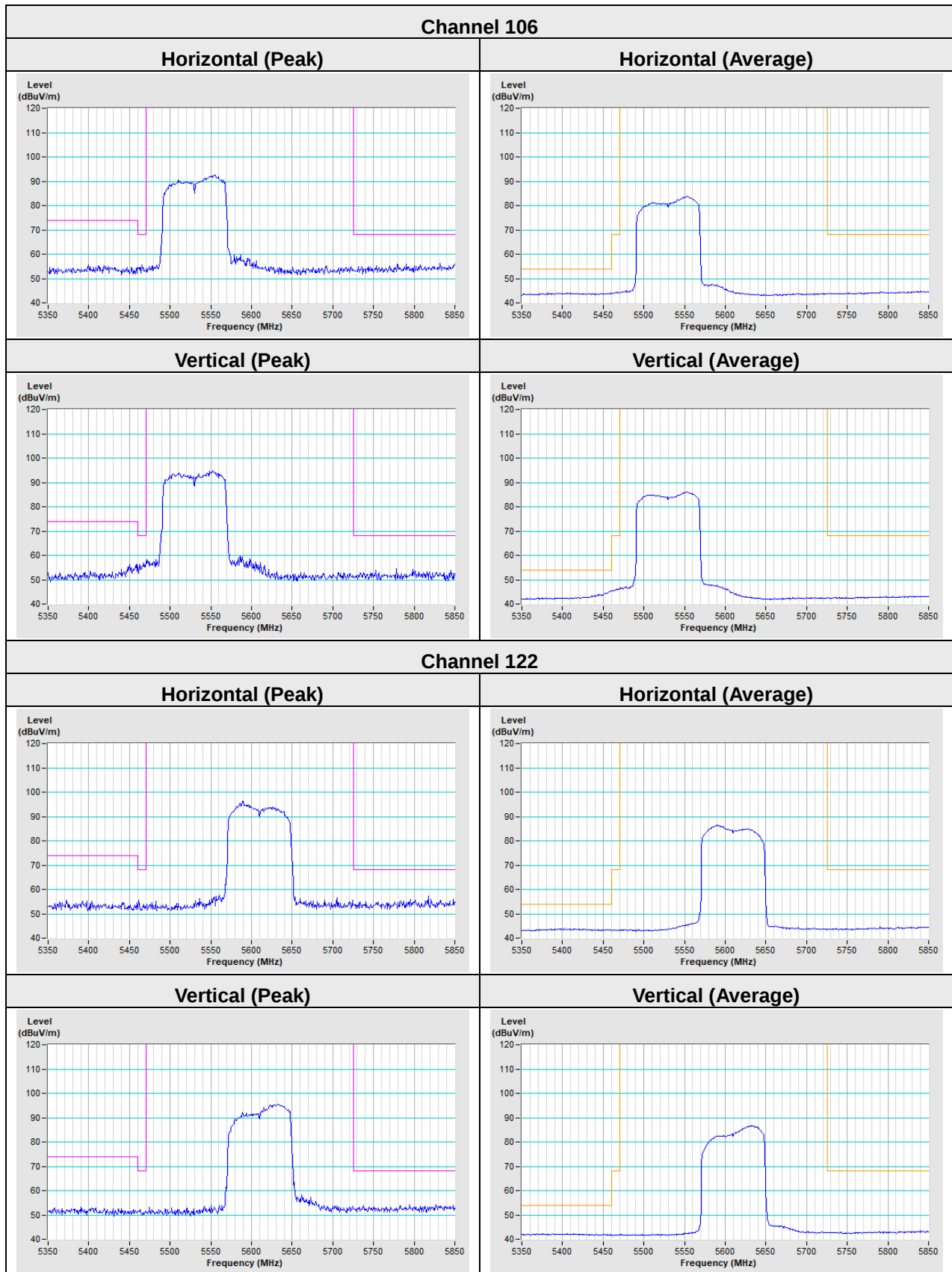
## 802.11ac (VHT20)



## 802.11ac (VHT40)



## 802.11ac (VHT80)



## Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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