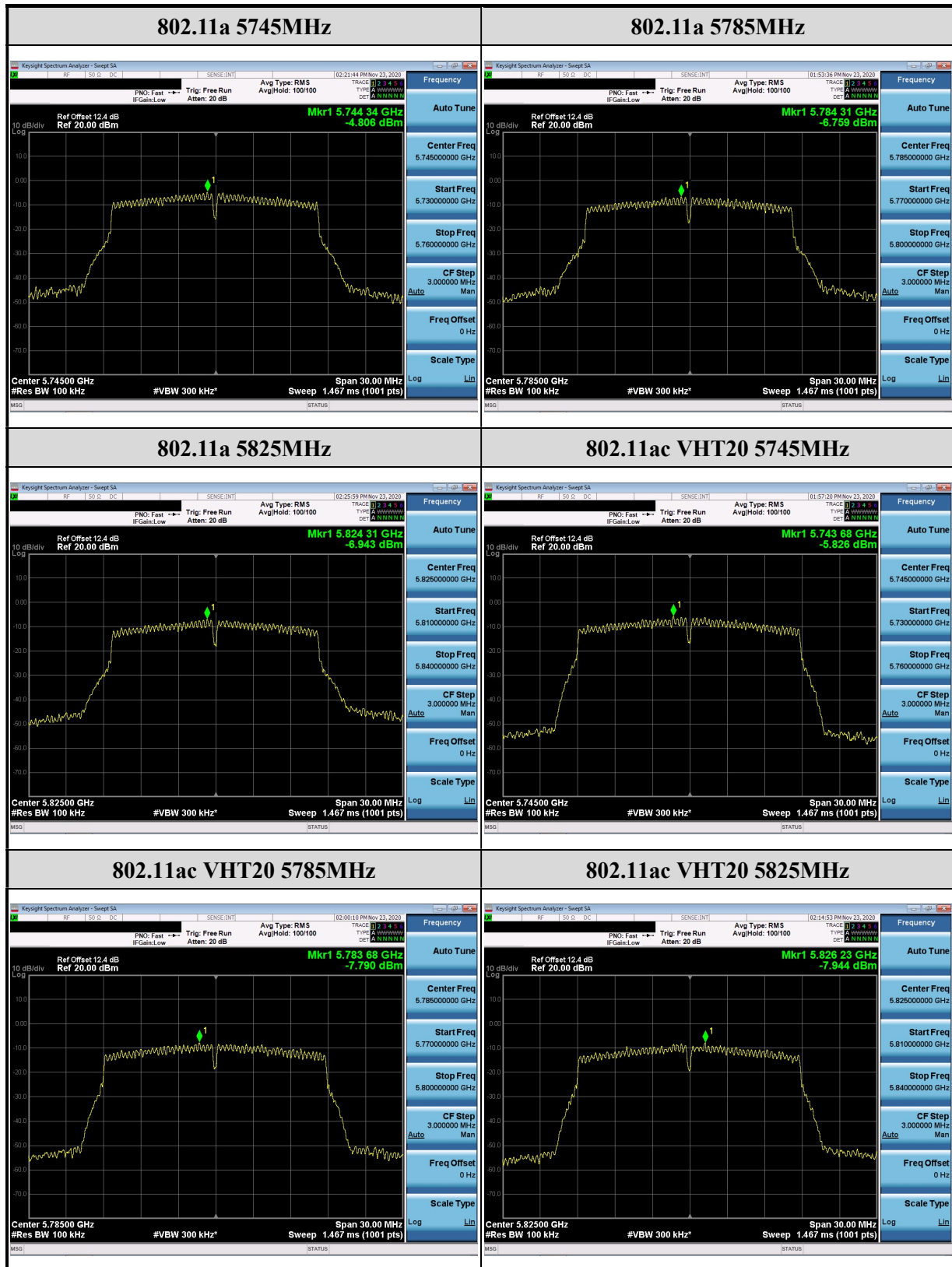
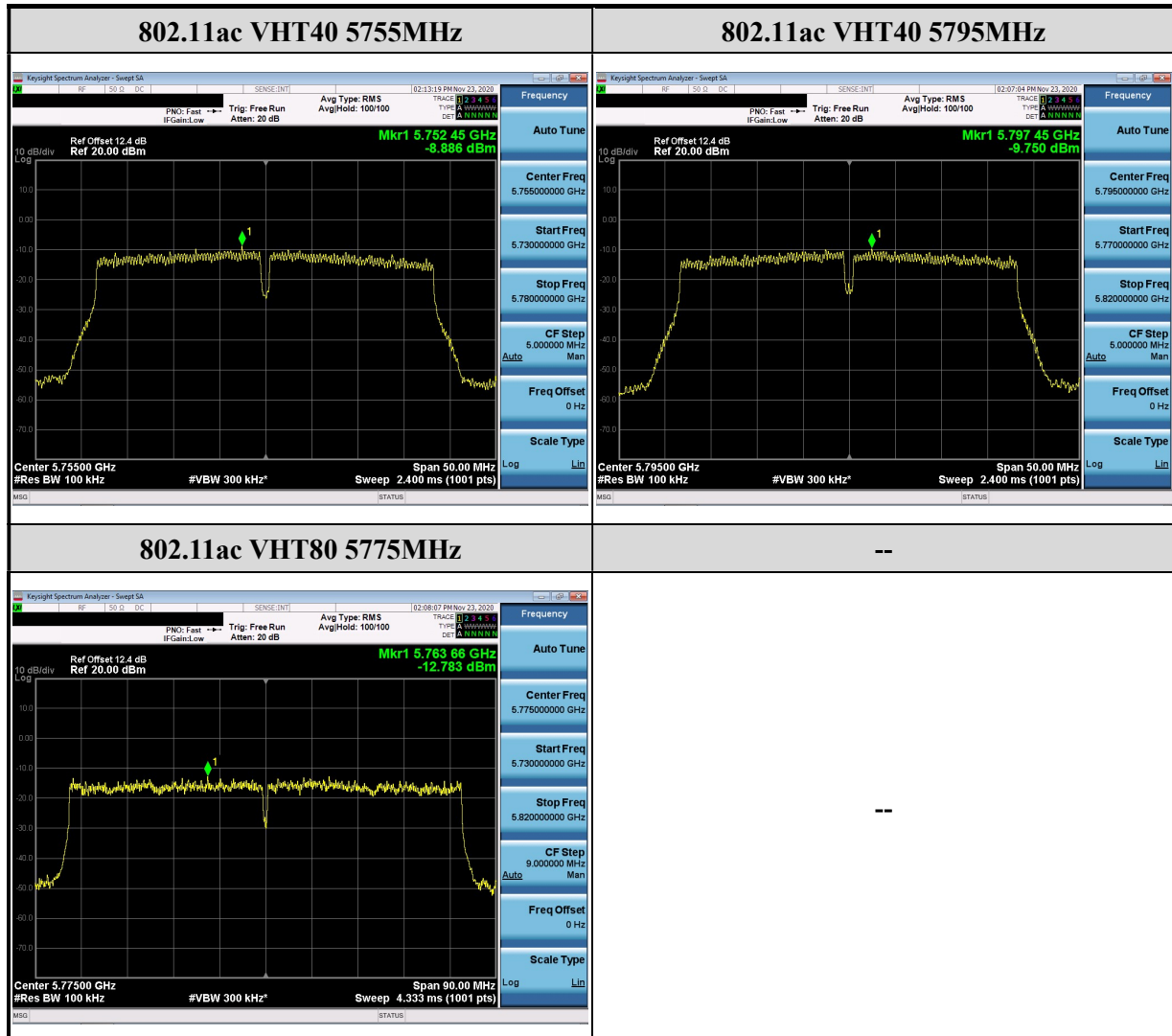


**Power Spectral Density spectrum plot of Chain B value:**

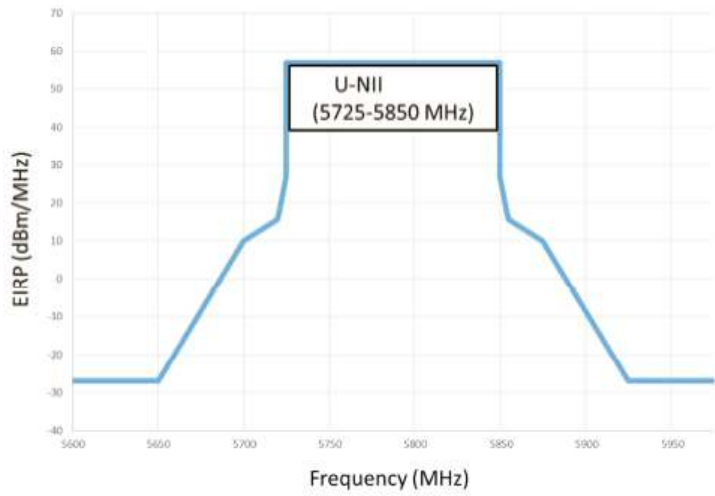




## 2.5 不必要發射

### 2.5.1 限制值

#### 1. 不受限制頻帶的不必要發射限制：

| Operating Band (MHz) | Limit of all emissions outside of the operating band                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5150 ~ 5250          | -27dBm/MHz, EIRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5250 ~ 5350          | -27dBm/MHz, EIRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5470 ~ 5725          | -27dBm/MHz, EIRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5725 ~ 5850          | <p>所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP) <math>\leq 27</math> dBm/MHz <math>\sim 15.6</math> dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣向外 5 MHz <math>\sim 25</math> MHz，有效等向輻射功率(EIRP) <math>\leq 15.6</math> dBm/MHz <math>\sim 10</math> dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 25 MHz <math>\sim 75</math> MHz，有效等向輻射功率(EIRP) <math>\leq 10</math> dBm/MHz <math>\sim -27</math> dBm/MHz (以線性法計算對應之限制值)；所有頻帶邊緣外 <math>\geq 75</math> MHz 的頻率之發射，有效等向輻射功率(EIRP) <math>\leq -27</math> dBm/MHz；有關遮罩限制值詳下圖。</p>  <p>The graph illustrates the EIRP mask for the U-NII band (5725-5850 MHz). The y-axis represents EIRP in dBm/MHz, ranging from -40 to 70. The x-axis represents Frequency in MHz, ranging from 5600 to 5950. The mask is defined by a blue line that is flat at -27 dBm/MHz outside the 5600-5950 MHz range, rises linearly to 27 dBm/MHz at the band edges (5725 and 5850 MHz), and remains flat at 27 dBm/MHz within the band. A label 'U-NII (5725-5850 MHz)' is placed within the peak of the mask.</p> |

| EIRP (dBm) | Field Strength at 3m (dBμV/m) |
|------------|-------------------------------|
| - 27       | 68.2                          |

## 2. 限制頻帶的不必要發射限制：

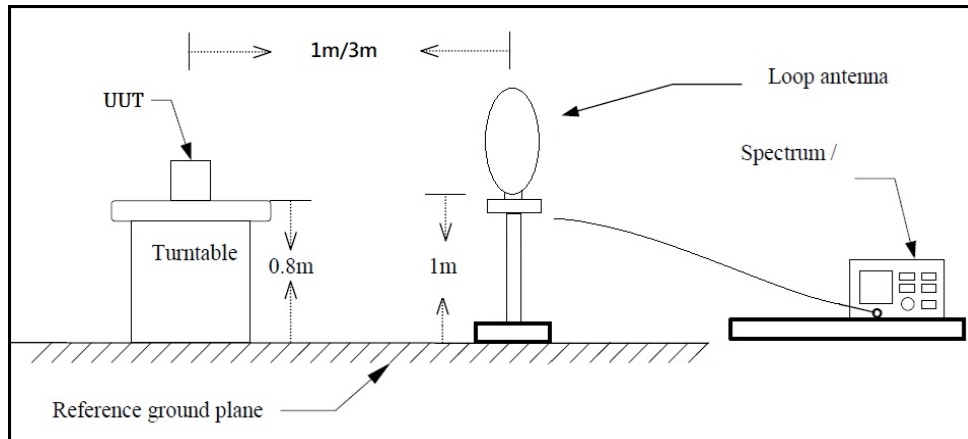
| 頻率(f)<br>(MHz) | 電場強度<br>(微伏特/公尺, $\mu\text{V/m}$ ) | 量測距離<br>(公尺) |
|----------------|------------------------------------|--------------|
| 0.009 ~ 0.490  | $2400 / f(\text{kHz})$             | 300          |
| 0.490 ~ 1.705  | $24000 / f(\text{kHz})$            | 30           |
| 1.705 ~ 30.0   | 30                                 | 30           |
| 30 ~ 88        | 100                                | 3            |
| 88 ~ 216       | 150                                | 3            |
| 216 ~ 960      | 200                                | 3            |
| Above 960      | 500                                | 3            |

備註：

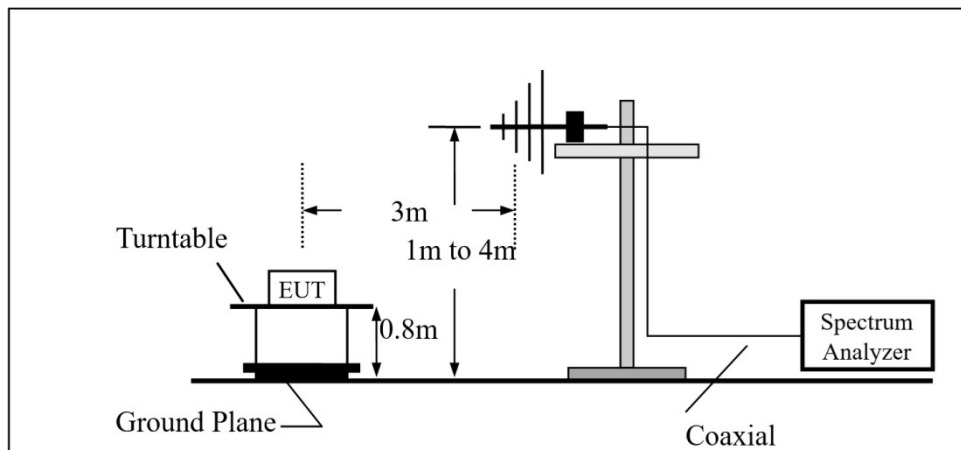
- (1) 電場強度 ( $\text{dB}\mu\text{V/m}$ ) =  $20 \log$  電場強度( $\mu\text{V/m}$ )。
- (2) 距離是指測量儀器天線與設備之間的距離。
- (3) 上表規定之電場強度，發射頻率在 9 kHz~90 kHz、110 kHz~490 kHz 及 1000 MHz 以上者，其量測應以平均值檢波器為基準，且應符合 NCC 低功率射頻電機技術規範第 5.15.2 節之規定；其他發射頻率，應以國際無線電干擾特別委員會(INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE, CISPR)準峰值檢波器(quasi-peak detector)測量；非以上表所指定之距離測量時，應符合 NCC 低功率射頻電機技術規範第 5.5 節之規定，輻射發射之量測頻率範圍應符合 NCC 低功率射頻電機技術規範第 5.14 節之規定。

## 2.5.2 測試架構

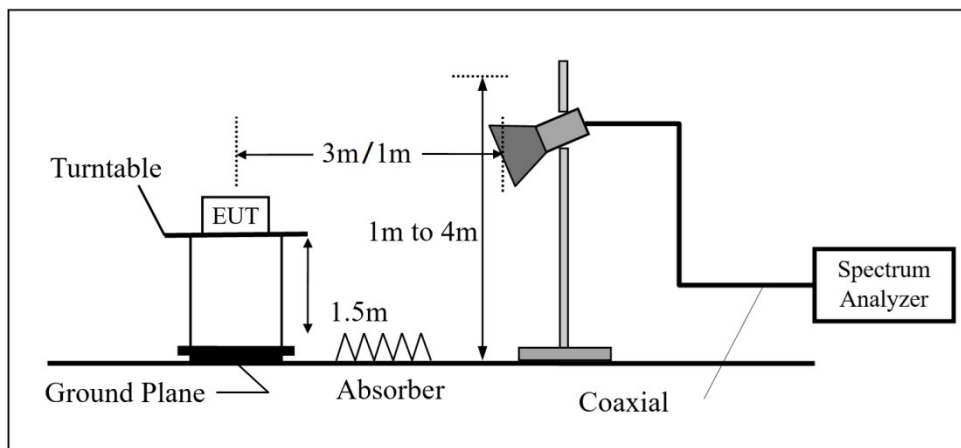
**Below 30 MHz:**



**30 MHz ~ 1 GHz:**



**Above 1GHz:**



### 2.5.3 測試流程

#### 低於 30MHz 的輻射發射

- (1) 將 EUT 放置在距離地面 0.8 米的非導體桌面的 3 米室內。將桌子旋轉 360 度以確定最高輻射的位置。
- (2) EUT 設置在離接收天線 3 米遠處，干擾接收天線安裝在可變高度天線塔的頂部。
- (3) 設置天線的平行、垂直方向以進行測量。
- (4) 將測試接收機系統設置為準峰值檢測功能和具有最大保持模式的指定帶寬。

#### 30MHz 以上的輻射發射

- (1) 將 EUT 放置在距離地面 0.8 米（低於 1GHz）/1.5 米（高於 1GHz）的非導體桌面的 3 米室內。將桌子旋轉 360 度以確定最高輻射的位置。
- (2) EUT 設置在離接收天線 3 米處，天線的高度在離地面 1 米到 4 米之間變化，以確定場強的最大值。
- (3) 設置天線的平行、垂直方向以進行測量。
- (4) 當測試頻率低於 1GHz 時，測試接收機系統被設置為準峰值檢測功能和具有最大保持模式的指定帶寬。
- (5) 當測試頻率高於 1 GHz 時，測試接收機系統設置為峰值和平均檢測功能以及具有最大保持模式的指定帶寬。如果峰值讀數值也滿足平均限值，則不需要使用平均值檢測器進行測量。

## 2.5.4 工作週期

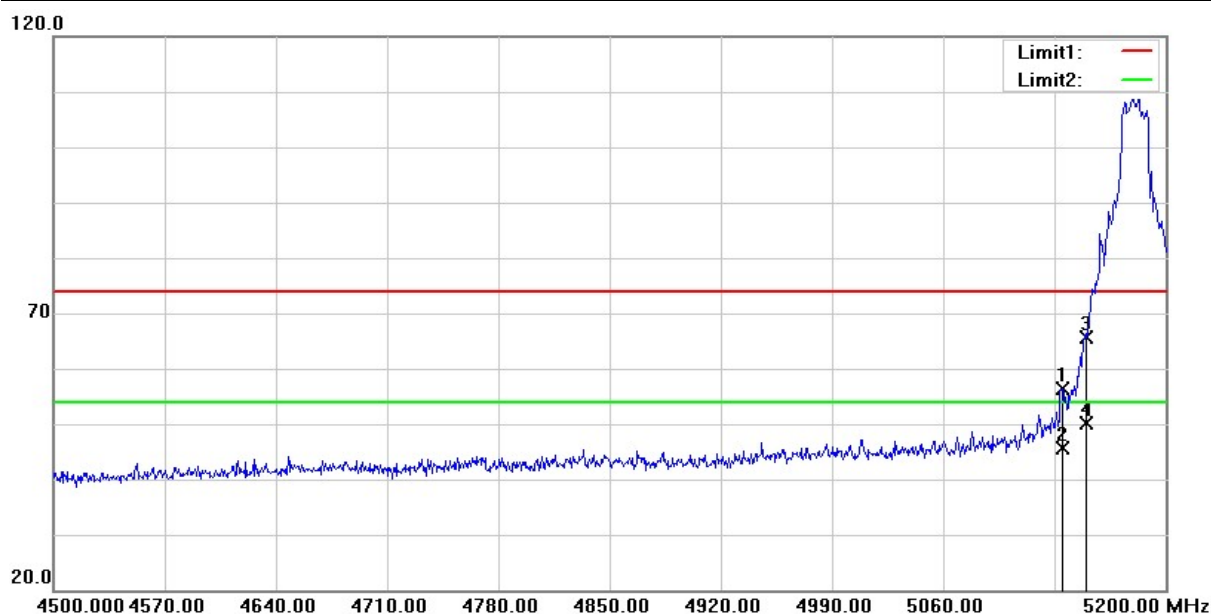
| Type of Modulation | Frequency (MHz) | on time (ms) | on+off time (ms) | Duty cycle | Duty Factor (dB) | 1/T Minimum VBW (kHz) |
|--------------------|-----------------|--------------|------------------|------------|------------------|-----------------------|
| 802.11a            | 5180            | 1.405        | 1.430            | 0.983      | 0.077            | 0.010                 |
| 802.11ac_VHT20     | 5180            | 0.684        | 0.714            | 0.958      | 0.186            | 1.462                 |
| 802.11ac_VHT40     | 5190            | 0.354        | 0.386            | 0.917      | 0.378            | 2.825                 |
| 802.11ac_VHT80     | 5210            | 0.189        | 0.232            | 0.816      | 0.885            | 5.280                 |

## 2.5.5 輻射頻帶邊緣測試

下表為輻射測量，在X、Y、Z三個軸向中預掃描。本報告中記錄了最差情況（X軸向）。

| Test Frequency |                                                      |                                                      |                                   |
|----------------|------------------------------------------------------|------------------------------------------------------|-----------------------------------|
| RF             | 802.11a / 802.11ac VHT20                             | 802.11ac VHT40                                       | 802.11ac VHT80                    |
| Tx             | CH36 (5180MHz)<br>CH149 (5745MHz)<br>CH165 (5825MHz) | CH38 (5190MHz)<br>CH151 (5755MHz)<br>CH159 (5795MHz) | CH42 (5210MHz)<br>CH155 (5775MHz) |

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH36(5180MHz)              | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

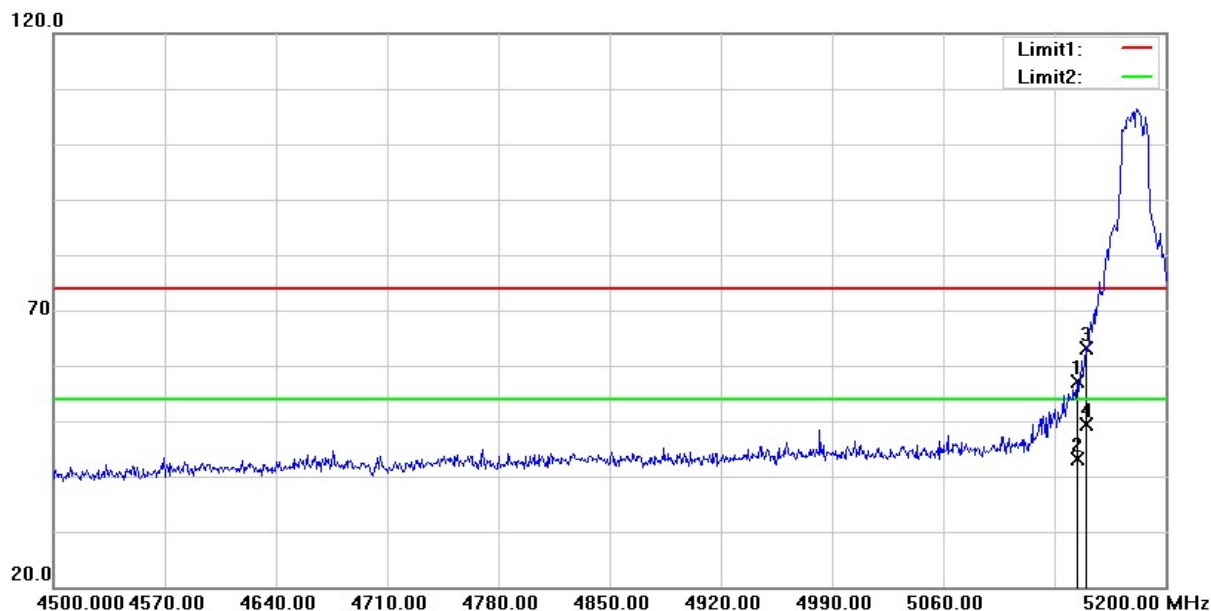


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5134.900        | 52.99            | 3.35                  | 56.34           | 74.00          | -17.66      | peak   |
| 2   | 5134.900        | 42.38            | 3.35                  | 45.73           | 54.00          | -8.27       | AVG    |
| 3   | 5150.000        | 62.27            | 3.35                  | 65.62           | 74.00          | -8.38       | peak   |
| 4   | 5150.000        | 46.85            | 3.35                  | 50.20           | 54.00          | -3.80       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH36(5180MHz)              | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

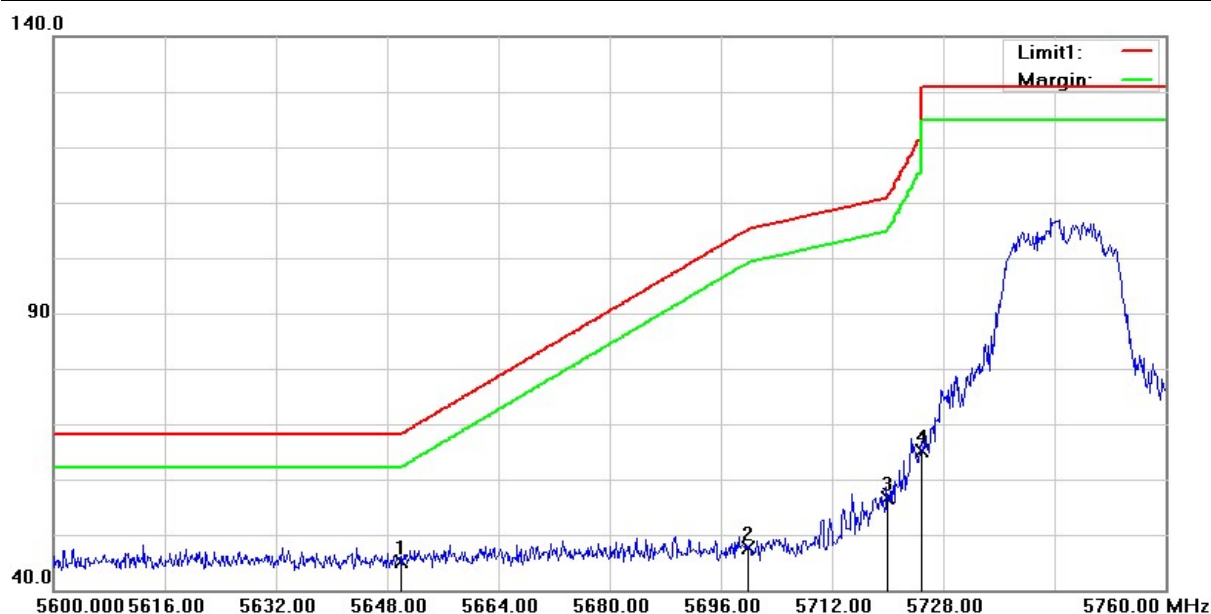


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5144.000        | 53.83            | 3.35                  | 57.18           | 74.00          | -16.82      | peak   |
| 2   | 5144.000        | 39.67            | 3.35                  | 43.02           | 54.00          | -10.98      | AVG    |
| 3   | 5150.000        | 59.75            | 3.35                  | 63.10           | 74.00          | -10.90      | peak   |
| 4   | 5150.000        | 45.99            | 3.35                  | 49.34           | 54.00          | -4.66       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH149(5745MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

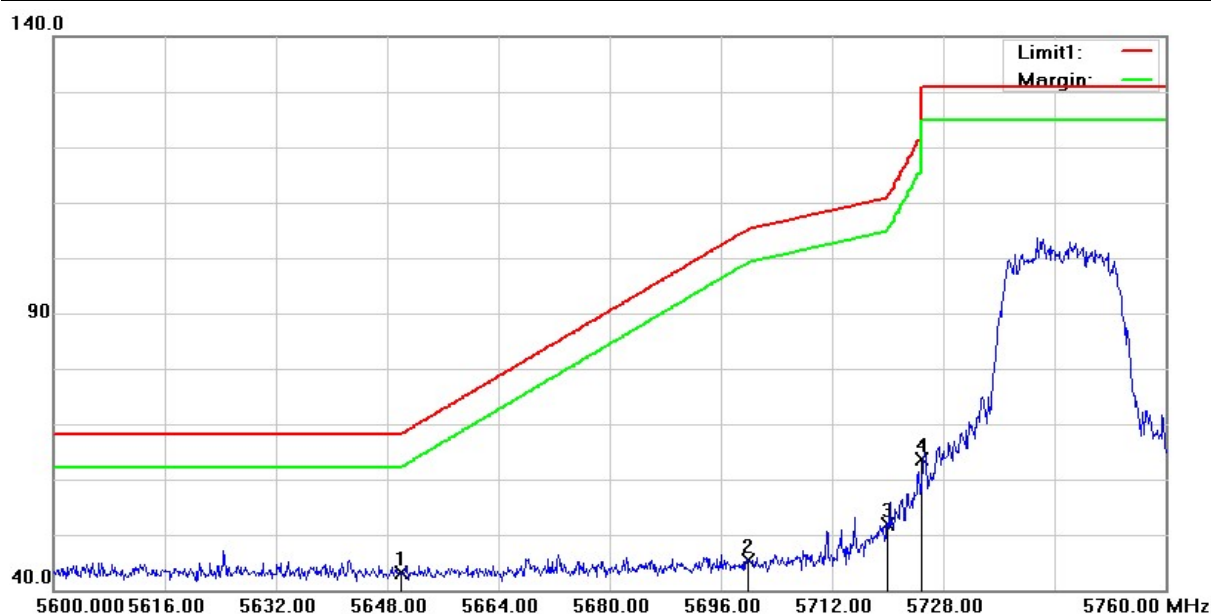


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5650.000        | 41.85            | 3.29                  | 45.14           | 68.20          | -23.06      | peak   |
| 2   | 5700.000        | 43.91            | 3.64                  | 47.55           | 105.20         | -57.65      | peak   |
| 3   | 5720.000        | 52.97            | 3.70                  | 56.67           | 110.80         | -54.13      | peak   |
| 4   | 5725.000        | 61.54            | 3.71                  | 65.25           | 122.20         | -56.95      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH149(5745MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

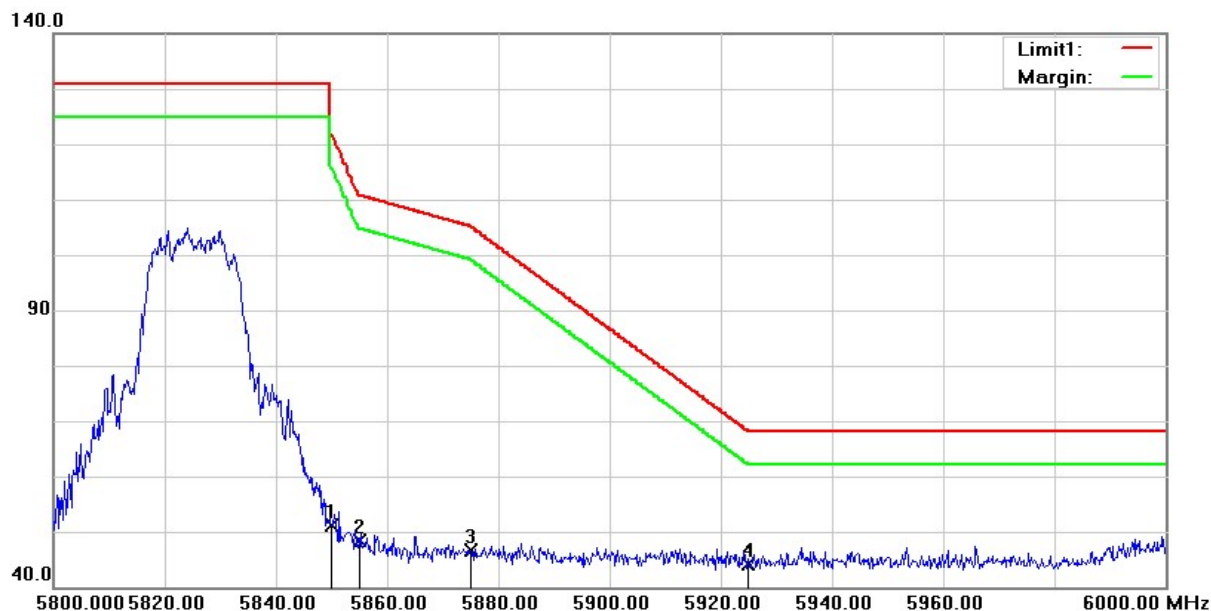


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5650.000        | 39.76            | 3.29                  | 43.05           | 68.20          | -25.15      | peak   |
| 2   | 5700.000        | 41.76            | 3.64                  | 45.40           | 105.20         | -59.80      | peak   |
| 3   | 5720.000        | 48.30            | 3.70                  | 52.00           | 110.80         | -58.80      | peak   |
| 4   | 5725.000        | 60.04            | 3.71                  | 63.75           | 122.20         | -58.45      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH165(5825MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

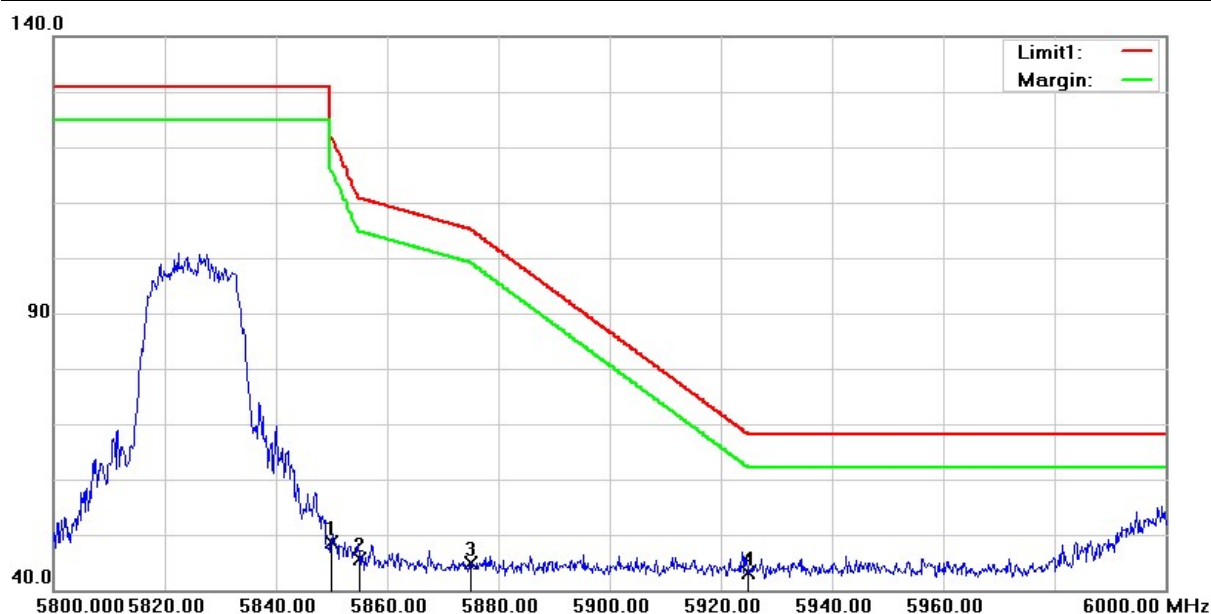


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5850.000        | 47.03            | 4.18                  | 51.21           | 122.20         | -70.99      | peak   |
| 2   | 5855.000        | 44.27            | 4.19                  | 48.46           | 110.80         | -62.34      | peak   |
| 3   | 5875.000        | 42.27            | 4.25                  | 46.52           | 105.20         | -58.68      | peak   |
| 4   | 5925.000        | 39.62            | 4.45                  | 44.07           | 68.20          | -24.13      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH165(5825MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

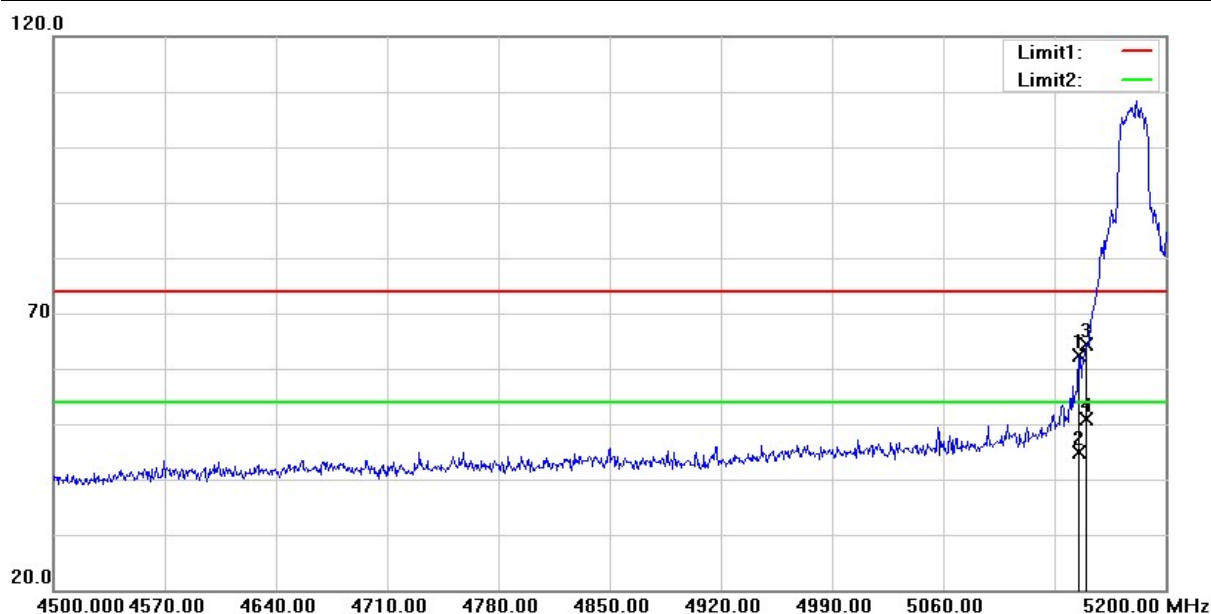


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5850.000        | 44.52            | 4.18                  | 48.70           | 122.20         | -73.50      | peak   |
| 2   | 5855.000        | 41.42            | 4.19                  | 45.61           | 110.80         | -65.19      | peak   |
| 3   | 5875.000        | 40.66            | 4.25                  | 44.91           | 105.20         | -60.29      | peak   |
| 4   | 5925.000        | 38.78            | 4.45                  | 43.23           | 68.20          | -24.97      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH36(5180MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

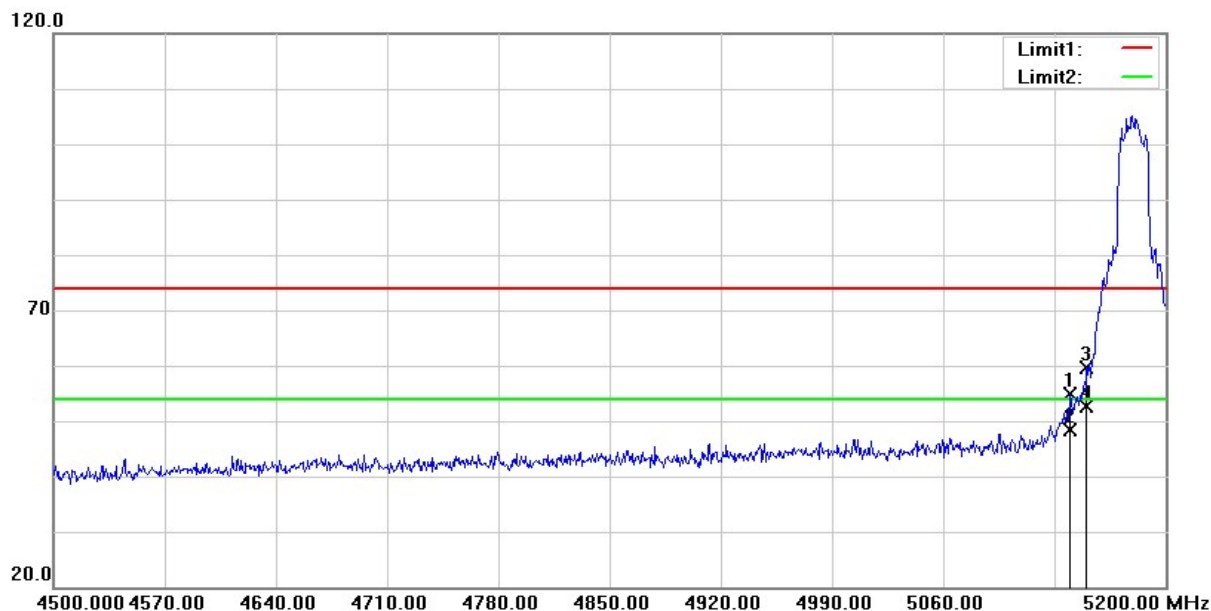


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5145.400        | 59.01            | 3.35                  | 62.36           | 74.00          | -11.64      | peak   |
| 2   | 5145.400        | 41.49            | 3.35                  | 44.84           | 54.00          | -9.16       | AVG    |
| 3   | 5150.000        | 60.93            | 3.35                  | 64.28           | 74.00          | -9.72       | peak   |
| 4   | 5150.000        | 47.55            | 3.35                  | 50.90           | 54.00          | -3.10       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH36(5180MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

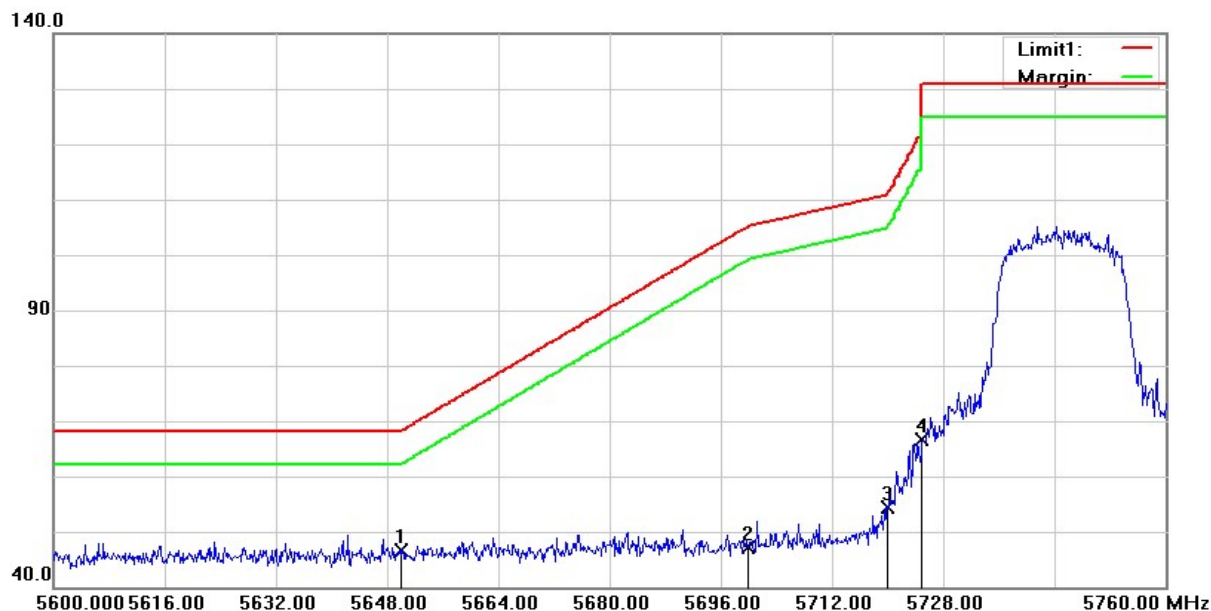


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5139.800        | 51.45            | 3.35                  | 54.80           | 74.00          | -19.20      | peak   |
| 2   | 5139.800        | 44.93            | 3.35                  | 48.28           | 54.00          | -5.72       | AVG    |
| 3   | 5150.000        | 56.16            | 3.35                  | 59.51           | 74.00          | -14.49      | peak   |
| 4   | 5150.000        | 49.32            | 3.35                  | 52.67           | 54.00          | -1.33       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH149(5745MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

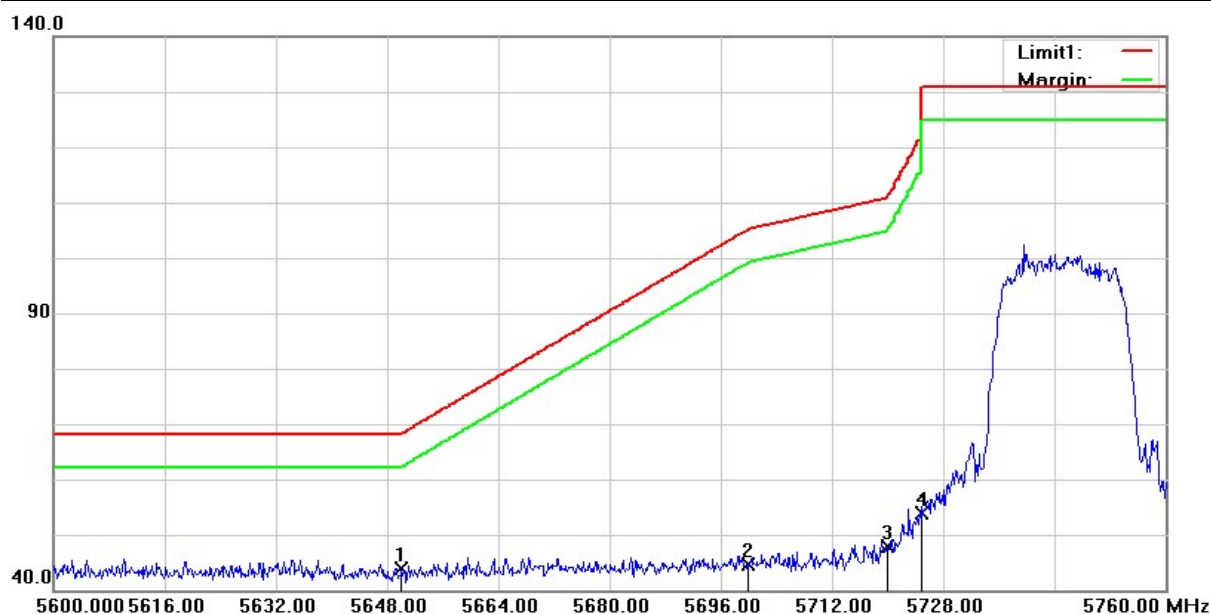


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5650.000        | 43.25            | 3.29                  | 46.54           | 68.20          | -21.66      | peak   |
| 2   | 5700.000        | 43.39            | 3.64                  | 47.03           | 105.20         | -58.17      | peak   |
| 3   | 5720.000        | 50.75            | 3.70                  | 54.45           | 110.80         | -56.35      | peak   |
| 4   | 5725.000        | 62.83            | 3.71                  | 66.54           | 122.20         | -55.66      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH149(5745MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

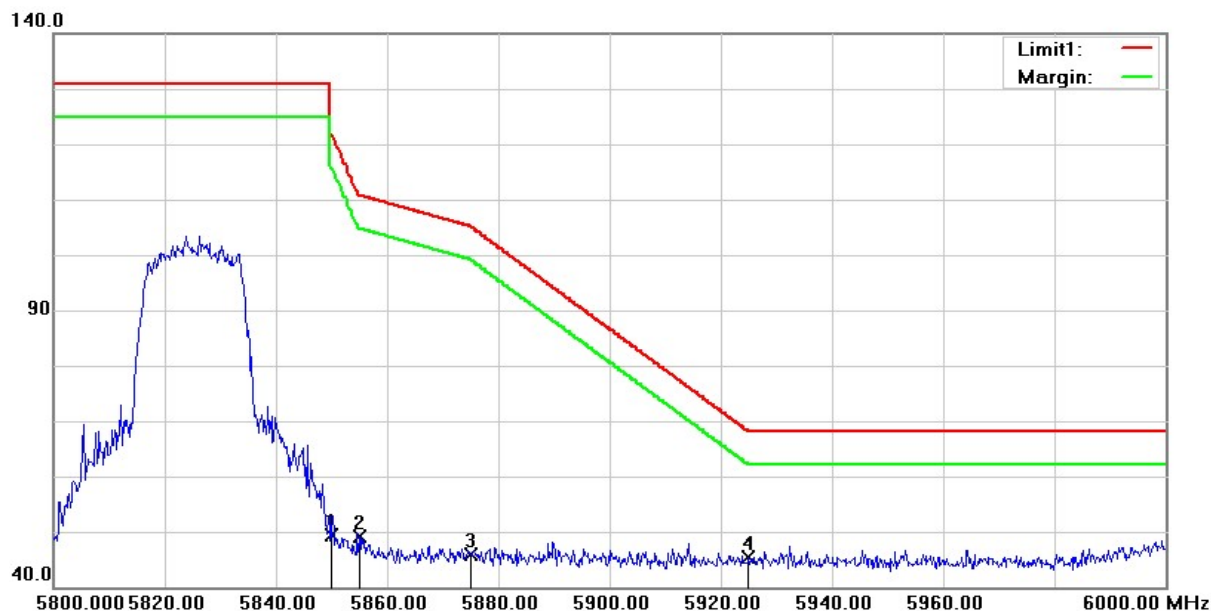


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5650.000        | 40.61            | 3.29                  | 43.90           | 68.20          | -24.30      | peak   |
| 2   | 5700.000        | 41.06            | 3.64                  | 44.70           | 105.20         | -60.50      | peak   |
| 3   | 5720.000        | 44.15            | 3.70                  | 47.85           | 110.80         | -62.95      | peak   |
| 4   | 5725.000        | 50.10            | 3.71                  | 53.81           | 122.20         | -68.39      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH165(5825MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

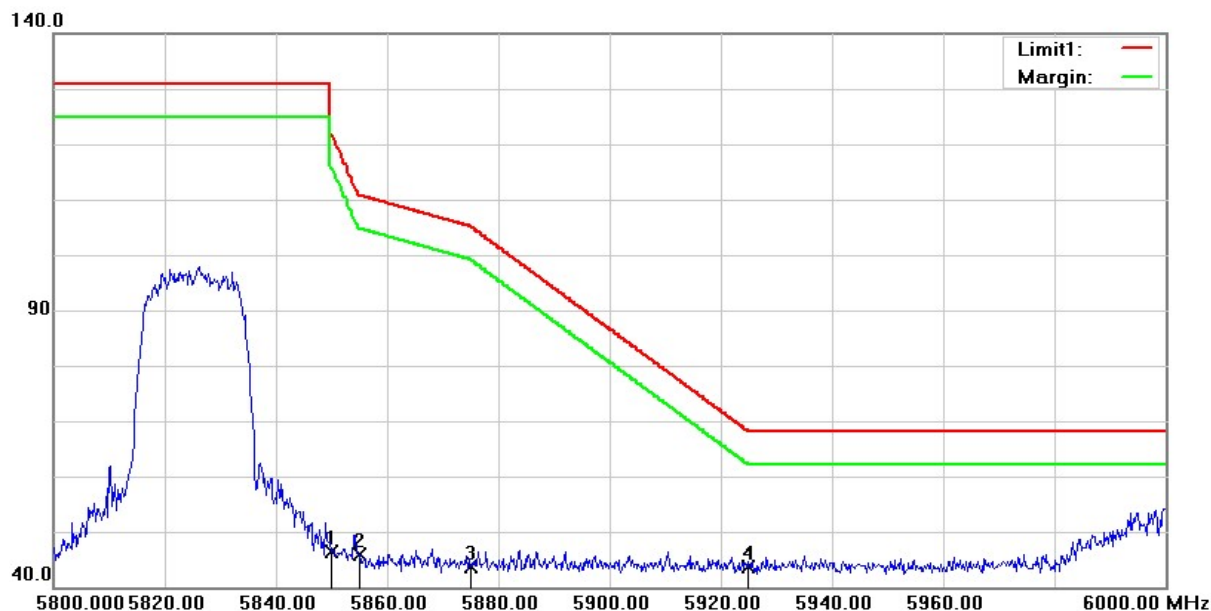


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5850.000        | 45.16            | 4.18                  | 49.34           | 122.20         | -72.86      | peak   |
| 2   | 5855.000        | 44.94            | 4.19                  | 49.13           | 110.80         | -61.67      | peak   |
| 3   | 5875.000        | 41.70            | 4.25                  | 45.95           | 105.20         | -59.25      | peak   |
| 4   | 5925.000        | 40.96            | 4.45                  | 45.41           | 68.20          | -22.79      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH165(5825MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

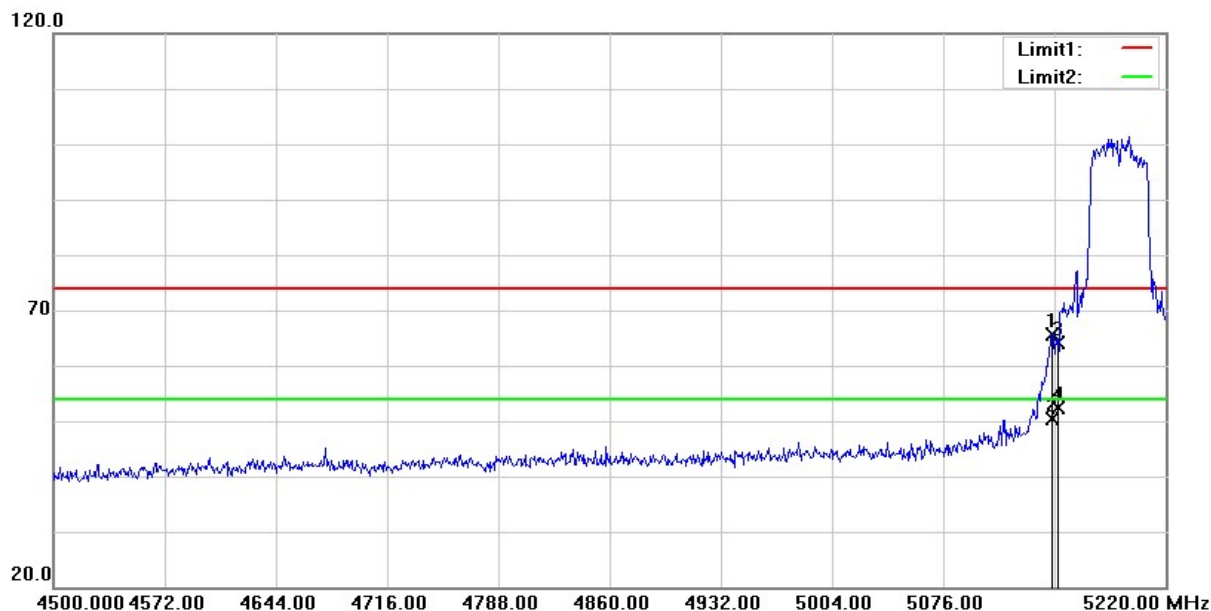


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5850.000        | 42.28            | 4.18                  | 46.46           | 122.20         | -75.74      | peak   |
| 2   | 5855.000        | 41.68            | 4.19                  | 45.87           | 110.80         | -64.93      | peak   |
| 3   | 5875.000        | 39.43            | 4.25                  | 43.68           | 105.20         | -61.52      | peak   |
| 4   | 5925.000        | 39.14            | 4.45                  | 43.59           | 68.20          | -24.61      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 3 : Transmit(802.11ac VHT40) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH38(5190MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

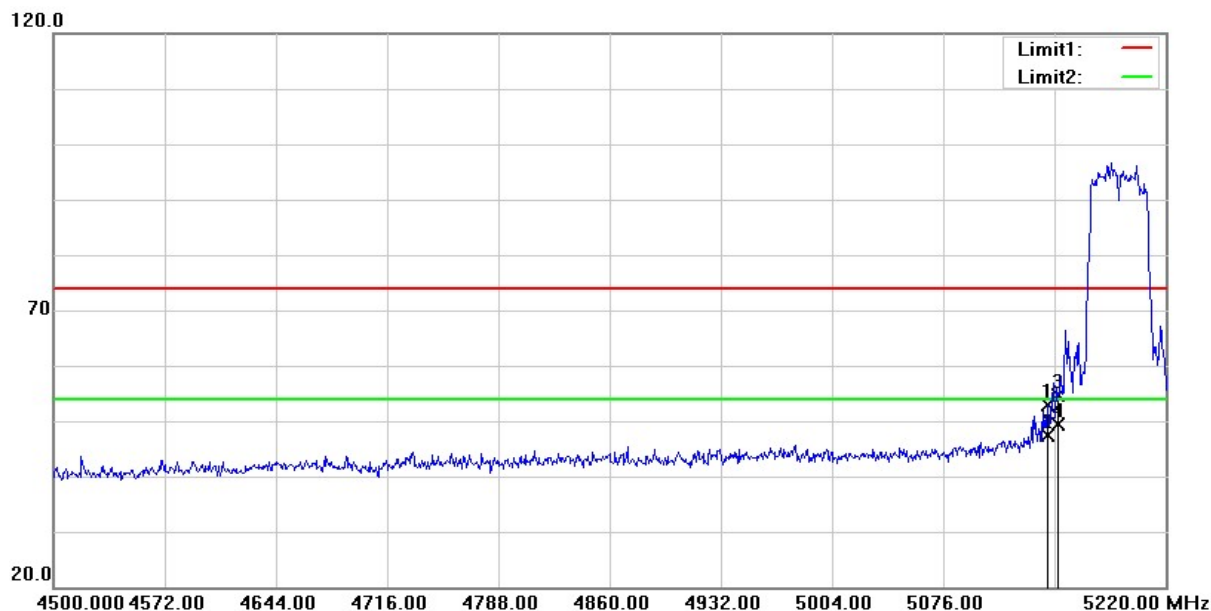


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5146.560        | 62.40            | 3.35                  | 65.75           | 74.00          | -8.25       | peak   |
| 2   | 5146.560        | 46.95            | 3.35                  | 50.30           | 54.00          | -3.70       | AVG    |
| 3   | 5150.000        | 60.77            | 3.35                  | 64.12           | 74.00          | -9.88       | peak   |
| 4   | 5150.000        | 48.93            | 3.35                  | 52.28           | 54.00          | -1.72       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 3 : Transmit(802.11ac VHT40) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH38(5190MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

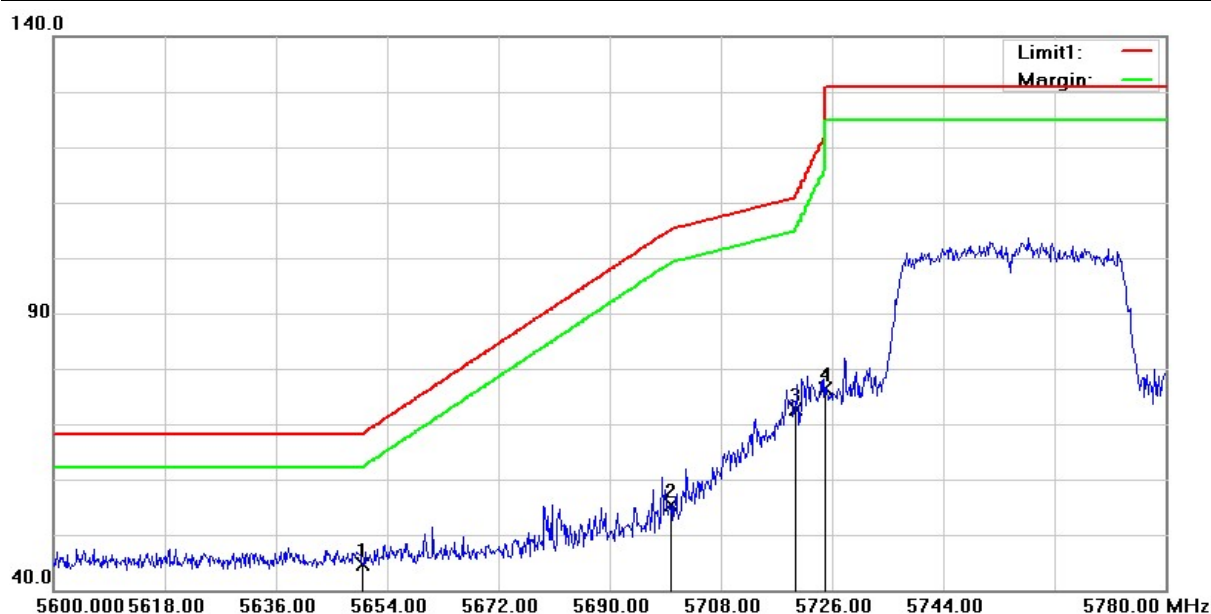


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5143.600        | 49.50            | 3.35                  | 52.85           | 74.00          | -21.15      | peak   |
| 2   | 5143.680        | 43.99            | 3.35                  | 47.34           | 54.00          | -6.66       | AVG    |
| 3   | 5150.000        | 51.37            | 3.35                  | 54.72           | 74.00          | -19.28      | peak   |
| 4   | 5150.000        | 46.02            | 3.35                  | 49.37           | 54.00          | -4.63       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 3 : Transmit(802.11ac VHT40) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH151(5755MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

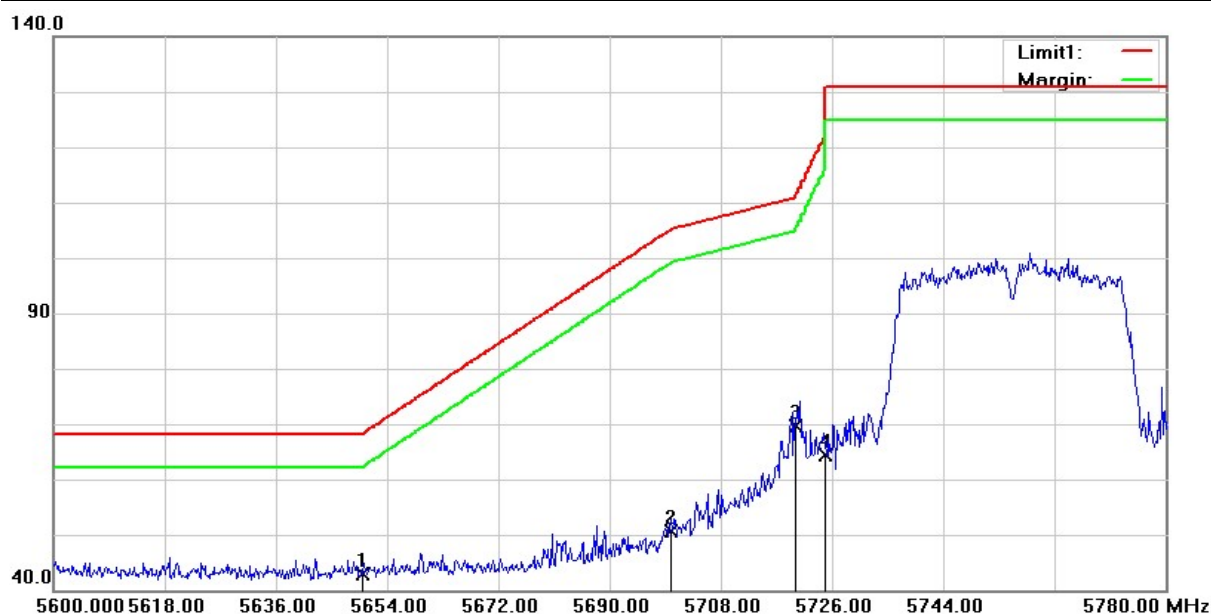


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5650.000        | 41.45            | 3.29                  | 44.74           | 68.20          | -23.46      | peak   |
| 2   | 5700.000        | 51.72            | 3.64                  | 55.36           | 105.20         | -49.84      | peak   |
| 3   | 5720.000        | 68.87            | 3.70                  | 72.57           | 110.80         | -38.23      | peak   |
| 4   | 5725.000        | 72.73            | 3.71                  | 76.44           | 122.20         | -45.76      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 3 : Transmit(802.11ac VHT40) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH151(5755MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

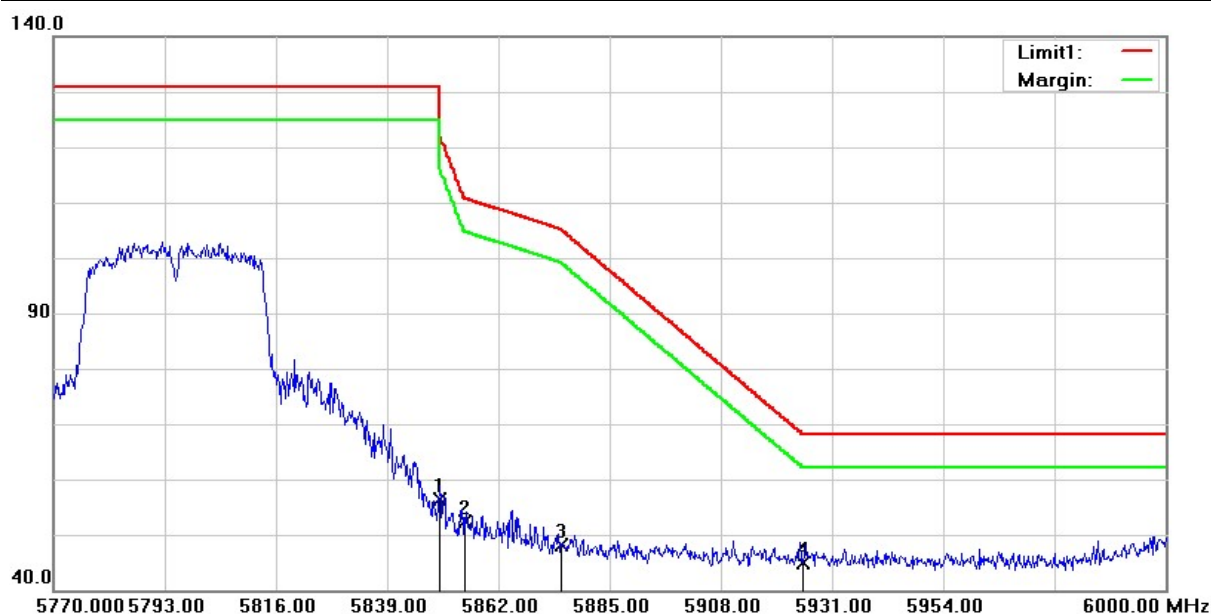


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5650.000        | 39.60            | 3.29                  | 42.89           | 68.20          | -25.31      | peak   |
| 2   | 5700.000        | 46.92            | 3.64                  | 50.56           | 105.20         | -54.64      | peak   |
| 3   | 5720.000        | 66.03            | 3.70                  | 69.73           | 110.80         | -41.07      | peak   |
| 4   | 5725.000        | 60.65            | 3.71                  | 64.36           | 122.20         | -57.84      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 3 : Transmit(802.11ac VHT40) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH159(5795MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |



| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5850.000        | 52.21            | 4.18                  | 56.39           | 122.20         | -65.81      | peak   |
| 2   | 5855.000        | 48.19            | 4.19                  | 52.38           | 110.80         | -58.42      | peak   |
| 3   | 5875.000        | 43.98            | 4.25                  | 48.23           | 105.20         | -56.97      | peak   |
| 4   | 5925.000        | 40.55            | 4.45                  | 45.00           | 68.20          | -23.20      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 3 : Transmit(802.11ac VHT40) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH159(5795MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

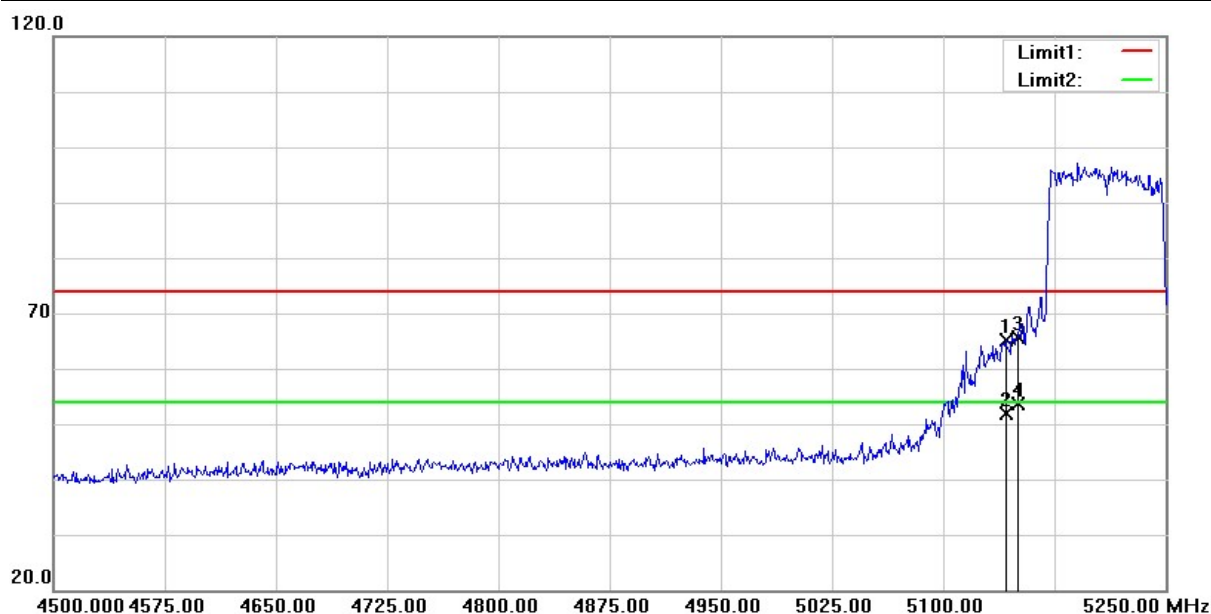


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5850.000        | 44.28            | 4.18                  | 48.46           | 122.20         | -73.74      | peak   |
| 2   | 5855.000        | 44.36            | 4.19                  | 48.55           | 110.80         | -62.25      | peak   |
| 3   | 5875.000        | 40.83            | 4.25                  | 45.08           | 105.20         | -60.12      | peak   |
| 4   | 5925.000        | 39.61            | 4.45                  | 44.06           | 68.20          | -24.14      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 4 : Transmit(802.11ac VHT80) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH42(5210MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

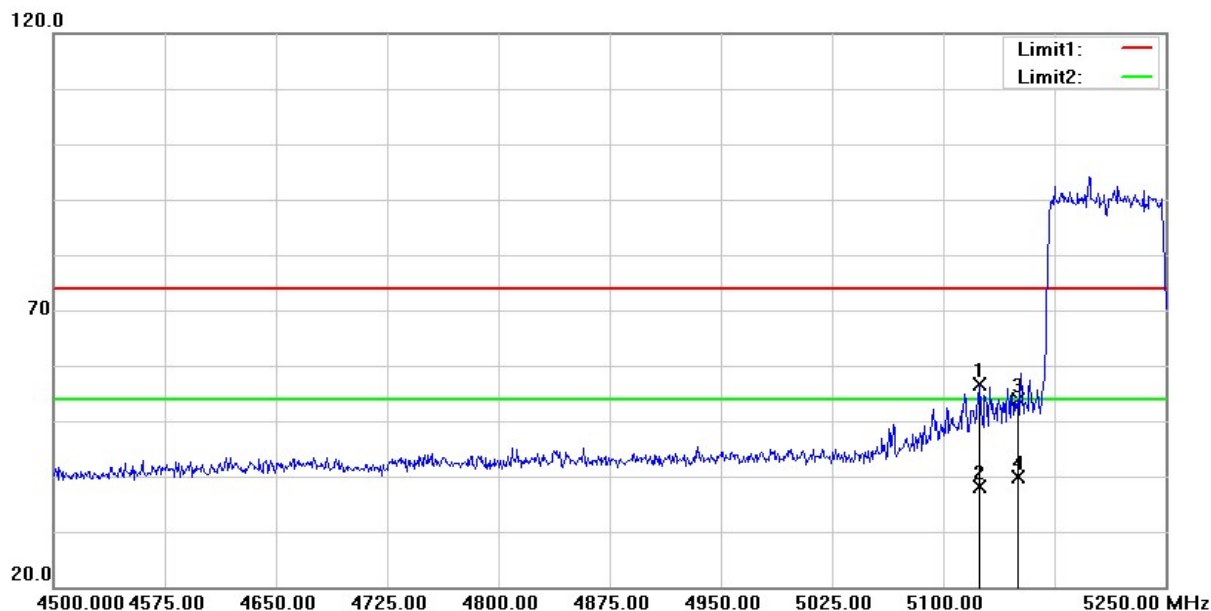


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5142.000        | 61.87            | 3.35                  | 65.22           | 74.00          | -8.78       | peak   |
| 2   | 5142.000        | 48.58            | 3.35                  | 51.93           | 54.00          | -2.07       | AVG    |
| 3   | 5150.000        | 62.16            | 3.35                  | 65.51           | 74.00          | -8.49       | peak   |
| 4   | 5150.000        | 50.35            | 3.35                  | 53.70           | 54.00          | -0.30       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 4 : Transmit(802.11ac VHT80) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH42(5210MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

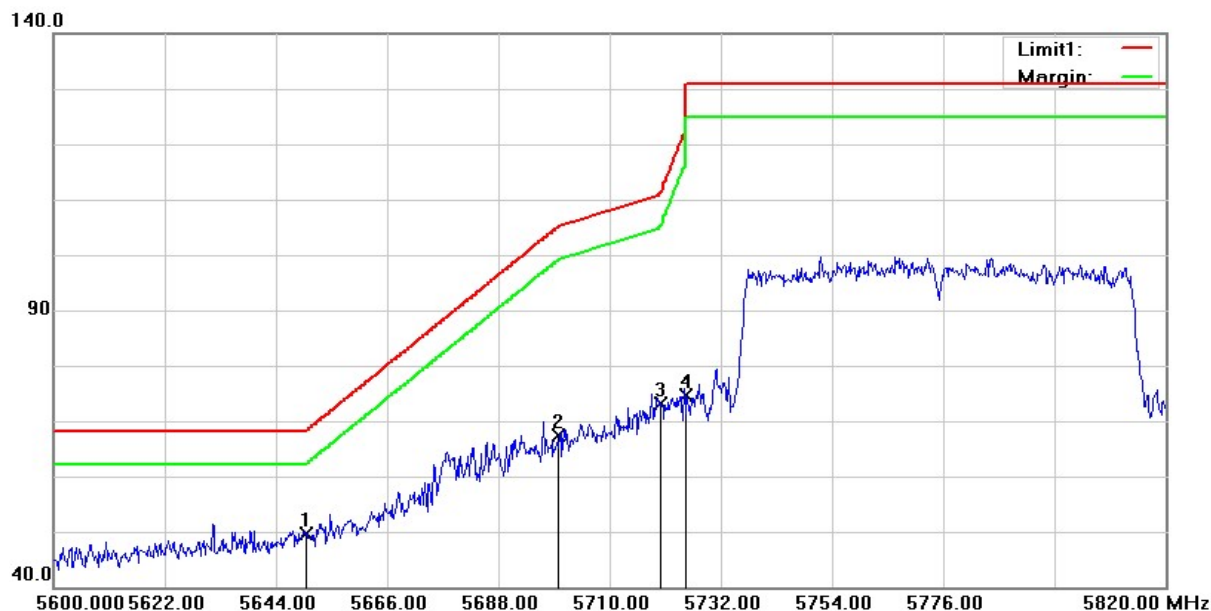


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5124.750        | 53.18            | 3.35                  | 56.53           | 74.00          | -17.47      | peak   |
| 2   | 5124.750        | 34.72            | 3.35                  | 38.07           | 54.00          | -15.93      | AVG    |
| 3   | 5150.000        | 50.41            | 3.35                  | 53.76           | 74.00          | -20.24      | peak   |
| 4   | 5150.000        | 36.60            | 3.35                  | 39.95           | 54.00          | -14.05      | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 4 : Transmit(802.11ac VHT80) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH155(5775MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

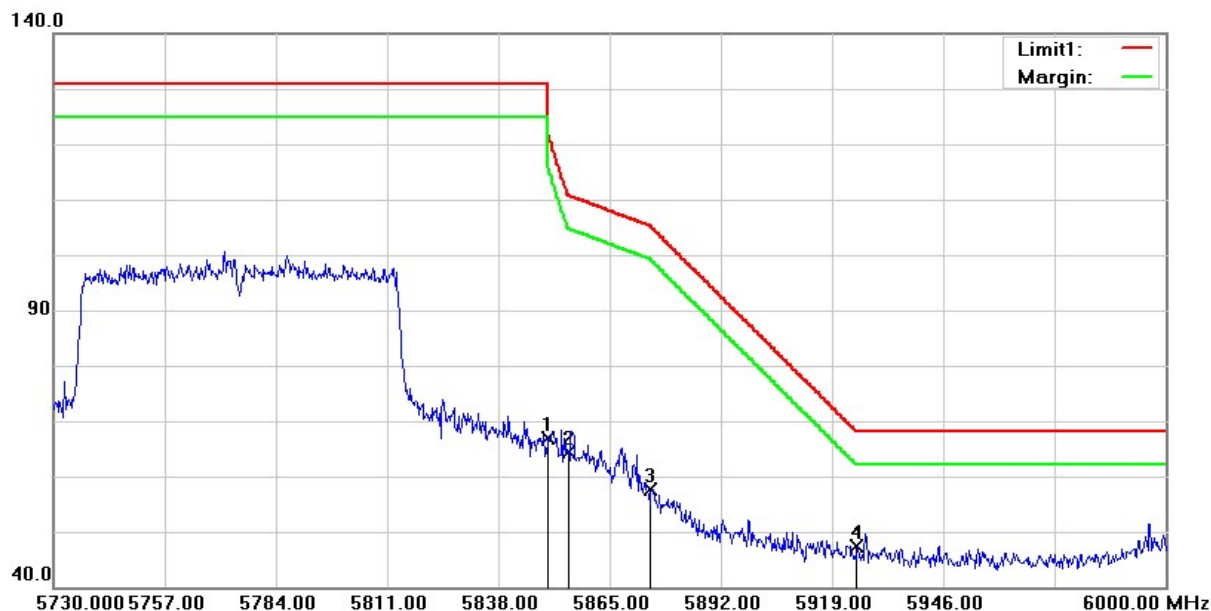


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5650.000        | 46.31            | 3.29                  | 49.60           | 68.20          | -18.60      | peak   |
| 2   | 5700.000        | 63.83            | 3.64                  | 67.47           | 105.20         | -37.73      | peak   |
| 3   | 5720.000        | 69.49            | 3.70                  | 73.19           | 110.80         | -37.61      | peak   |
| 4   | 5725.000        | 71.02            | 3.71                  | 74.73           | 122.20         | -47.47      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 4 : Transmit(802.11ac VHT80) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH155(5775MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

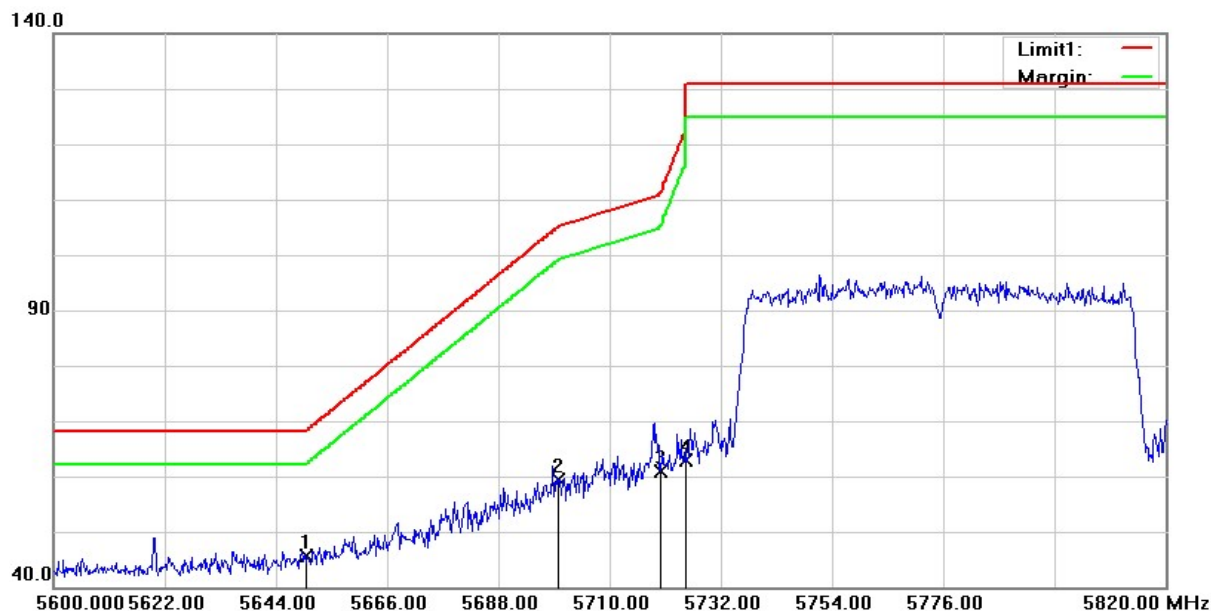


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5850.000        | 62.68            | 4.18                  | 66.86           | 122.20         | -55.34      | peak   |
| 2   | 5855.000        | 60.29            | 4.19                  | 64.48           | 110.80         | -46.32      | peak   |
| 3   | 5875.000        | 53.49            | 4.25                  | 57.74           | 105.20         | -47.46      | peak   |
| 4   | 5925.000        | 43.04            | 4.45                  | 47.49           | 68.20          | -20.71      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 4 : Transmit(802.11ac VHT80) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH155(5775MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

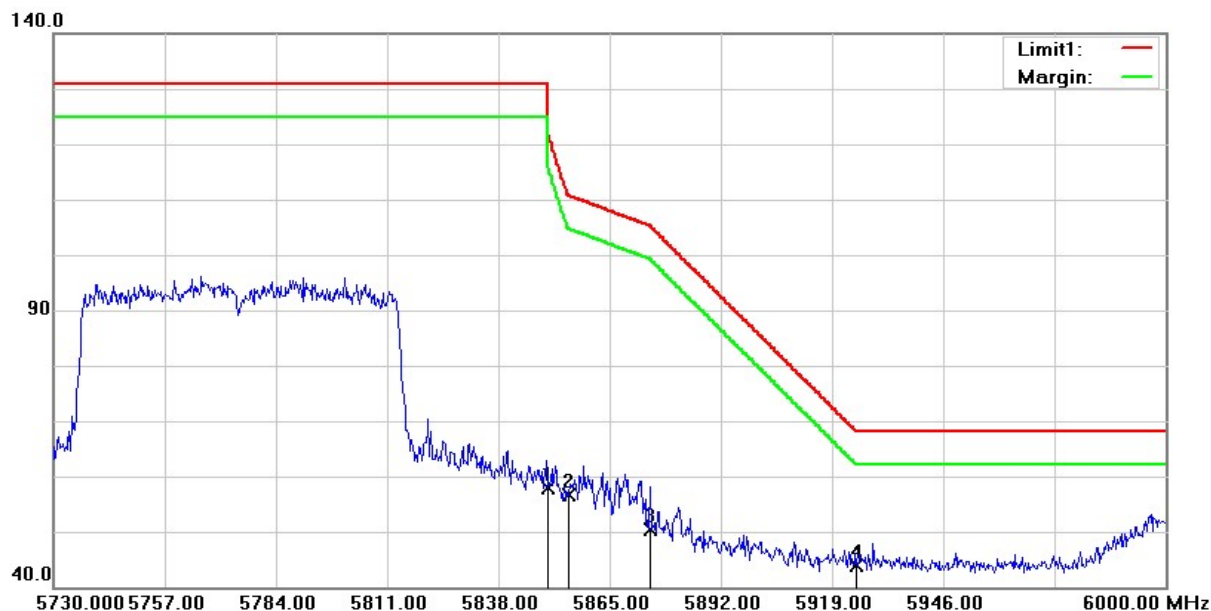


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5650.000        | 42.38            | 3.29                  | 45.67           | 68.20          | -22.53      | peak   |
| 2   | 5700.000        | 55.73            | 3.64                  | 59.37           | 105.20         | -45.83      | peak   |
| 3   | 5720.000        | 57.19            | 3.70                  | 60.89           | 110.80         | -49.91      | peak   |
| 4   | 5725.000        | 59.20            | 3.71                  | 62.91           | 122.20         | -59.29      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 4 : Transmit(802.11ac VHT80) | <b>Test Date :</b>         | 2020/11/16 |
| <b>Test Channel :</b> | CH155(5775MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |



| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 5850.000        | 53.65            | 4.18                  | 57.83           | 122.20         | -64.37      | peak   |
| 2   | 5855.000        | 52.37            | 4.19                  | 56.56           | 110.80         | -54.24      | peak   |
| 3   | 5875.000        | 46.09            | 4.25                  | 50.34           | 105.20         | -54.86      | peak   |
| 4   | 5925.000        | 39.35            | 4.45                  | 43.80           | 68.20          | -24.40      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

## 2.5.6 輻射雜散發射測試

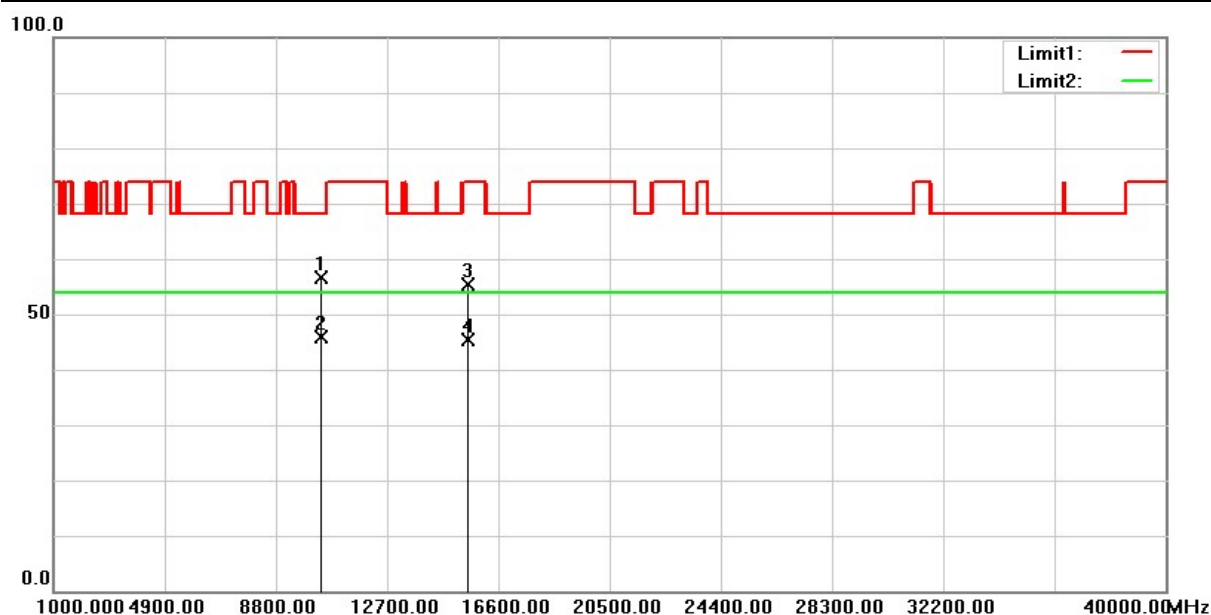
- (1) 輻射量測頻率 9kHz ~ 30MHz，此頻率範圍之干擾值低於限制值 20dB 以下，被考量為背景雜訊值並不予紀錄。
- (2) 下表為輻射測量頻率 30MHz ~ 40GHz，在 X、Y、Z 三個軸向中預掃描。本報告中記錄了最壞情況（X 軸向）。

| Test Frequency |                                                                                                             |                                                                        |                                   |
|----------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------|
| RF             | 802.11a / 802.11ac VHT20                                                                                    | 802.11ac VHT40                                                         | 802.11ac VHT80                    |
| Tx             | CH36 (5180MHz)<br>CH44 (5220MHz)<br>CH48 (5240MHz)<br>CH149 (5745MHz)<br>CH157 (5785MHz)<br>CH165 (5825MHz) | CH38 (5190MHz)<br>CH46 (5230MHz)<br>CH151 (5755MHz)<br>CH159 (5795MHz) | CH42 (5210MHz)<br>CH155 (5775MHz) |

| Test Frequency |                                   |
|----------------|-----------------------------------|
| RF             | 802.11a                           |
| Rx             | CH44 (5220MHz)<br>CH157 (5785MHz) |

### Above 1GHz Data

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH36(5180MHz)              | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

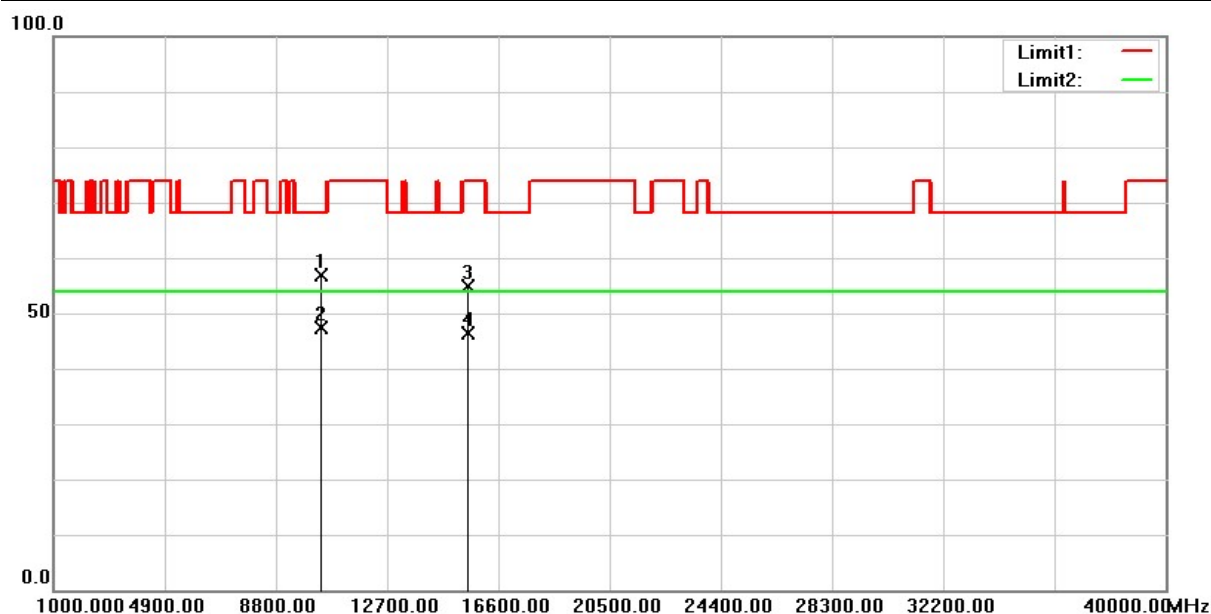


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10360.000       | 65.55            | -9.00                 | 56.55           | 68.20          | -11.65      | peak   |
| 2   | 10360.000       | 54.84            | -9.00                 | 45.84           | 54.00          | -8.16       | AVG    |
| 3   | 15540.000       | 62.60            | -7.33                 | 55.27           | 74.00          | -18.73      | peak   |
| 4   | 15540.000       | 52.77            | -7.33                 | 45.44           | 54.00          | -8.56       | AVG    |

### Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH36(5180MHz)              | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

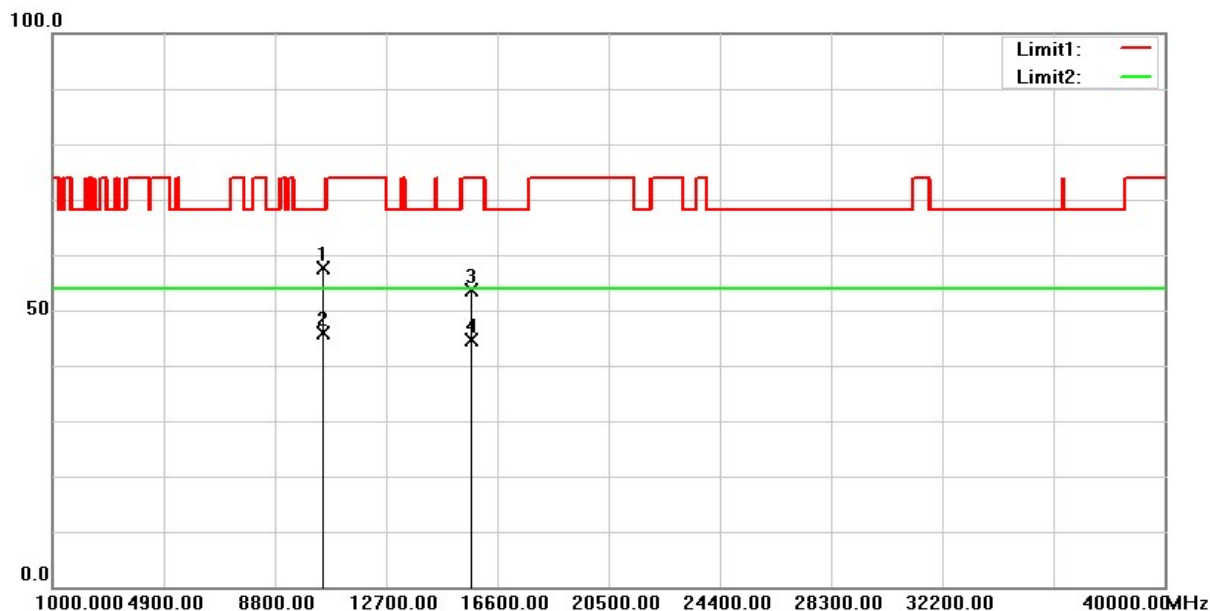


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10360.000       | 66.00            | -9.00                 | 57.00           | 68.20          | -11.20      | peak   |
| 2   | 10360.000       | 56.32            | -9.00                 | 47.32           | 54.00          | -6.68       | AVG    |
| 3   | 15540.000       | 62.15            | -7.33                 | 54.82           | 74.00          | -19.18      | peak   |
| 4   | 15540.000       | 53.77            | -7.33                 | 46.44           | 54.00          | -7.56       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH44(5220MHz)              | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

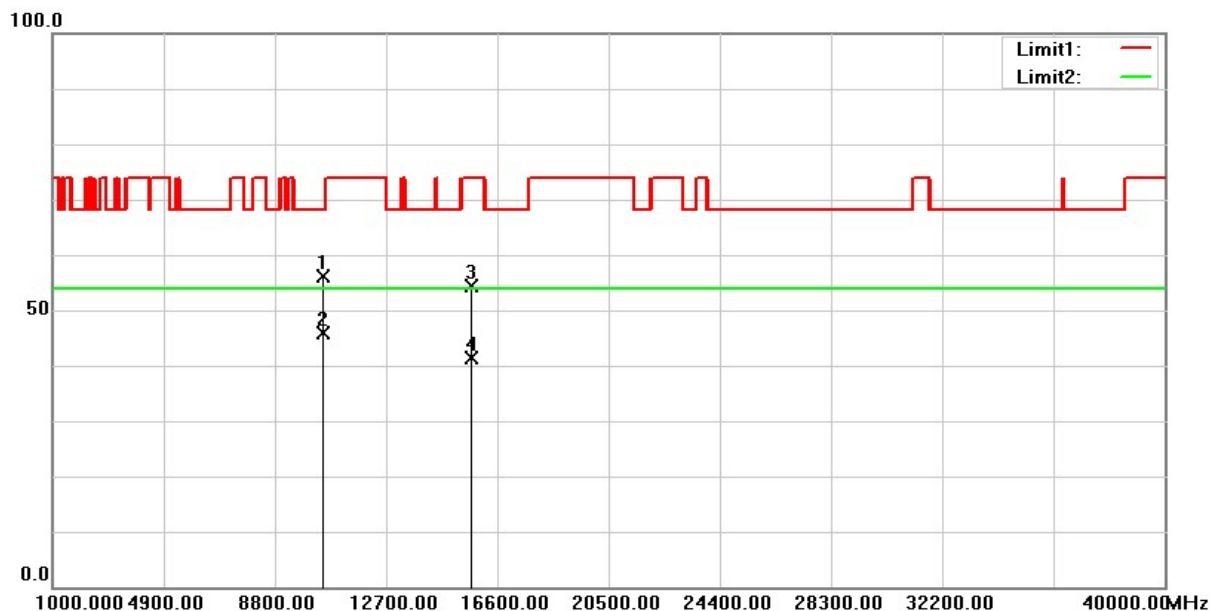


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10440.000       | 66.52            | -8.99                 | 57.53           | 68.20          | -10.67      | peak   |
| 2   | 10440.000       | 54.94            | -8.99                 | 45.95           | 54.00          | -8.05       | AVG    |
| 3   | 15660.000       | 61.03            | -7.47                 | 53.56           | 74.00          | -20.44      | peak   |
| 4   | 15660.000       | 52.20            | -7.47                 | 44.73           | 54.00          | -9.27       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH44(5220MHz)              | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

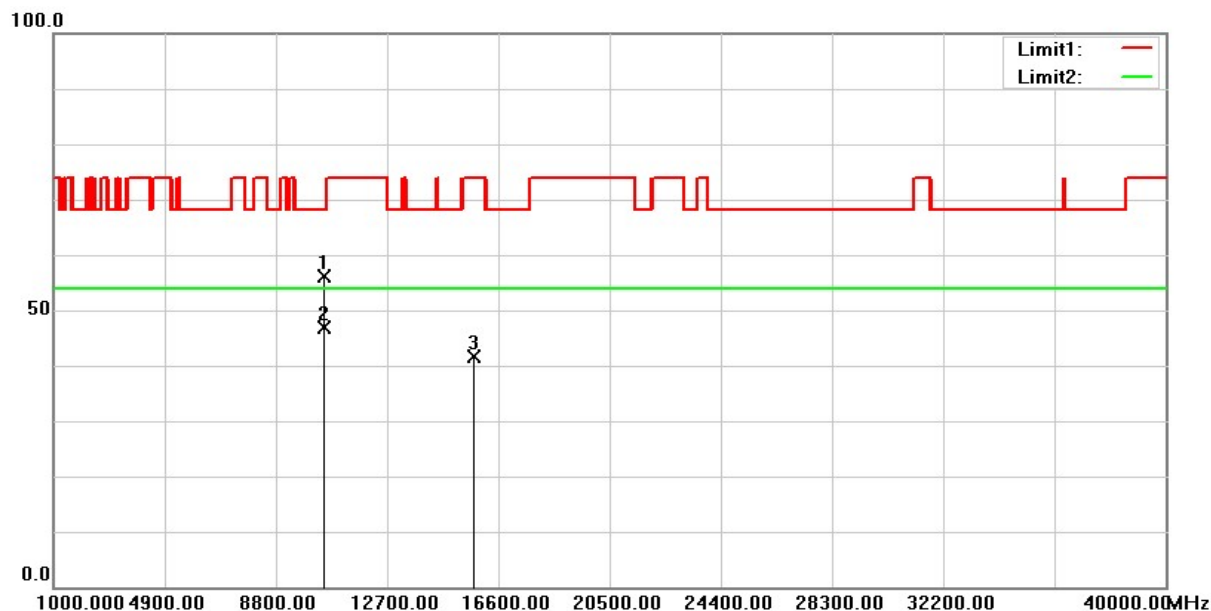


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10440.000       | 65.03            | -8.99                 | 56.04           | 68.20          | -12.16      | peak   |
| 2   | 10440.000       | 54.80            | -8.99                 | 45.81           | 54.00          | -8.19       | AVG    |
| 3   | 15660.000       | 61.96            | -7.47                 | 54.49           | 74.00          | -19.51      | peak   |
| 4   | 15660.000       | 48.83            | -7.47                 | 41.36           | 54.00          | -12.64      | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH48(5240MHz)              | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

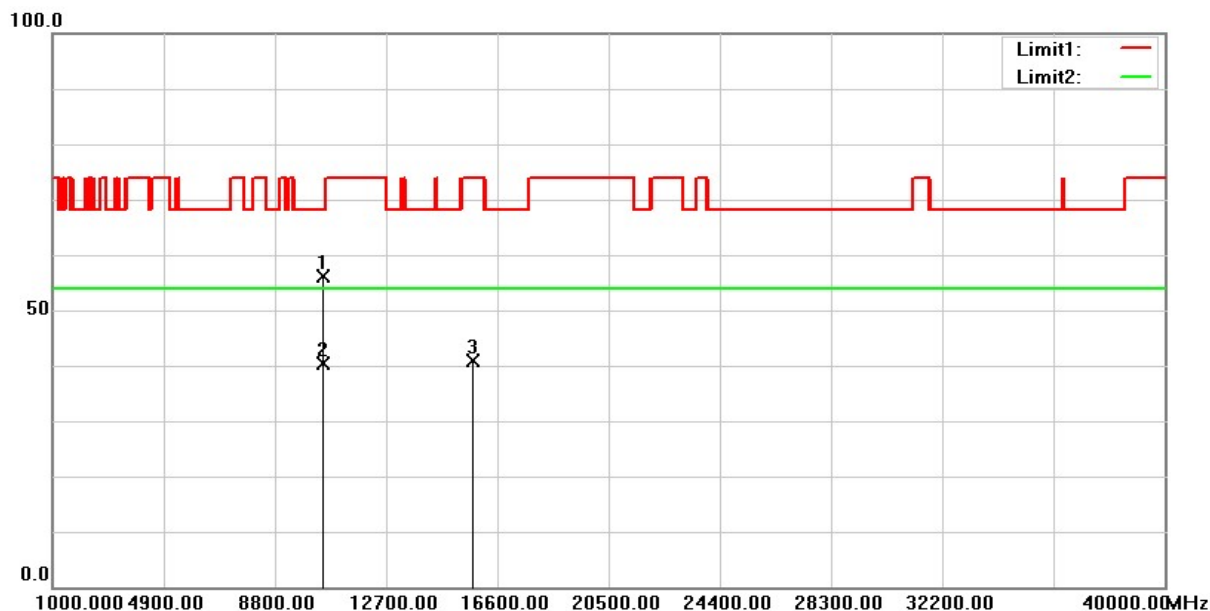


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10480.000       | 65.12            | -9.00                 | 56.12           | 68.20          | -12.08      | peak   |
| 2   | 10480.000       | 55.78            | -9.00                 | 46.78           | 54.00          | -7.22       | AVG    |
| 3   | 15720.000       | 49.06            | -7.41                 | 41.65           | 74.00          | -32.35      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH48(5240MHz)              | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

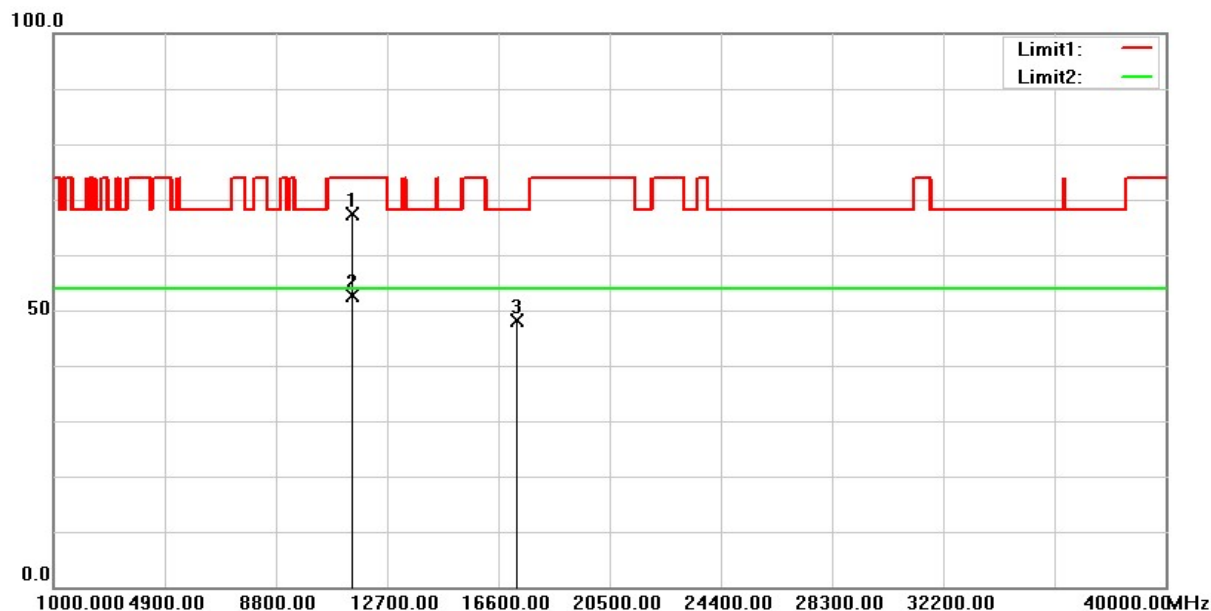


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10480.000       | 65.16            | -9.00                 | 56.16           | 68.20          | -12.04      | peak   |
| 2   | 10480.000       | 49.27            | -9.00                 | 40.27           | 54.00          | -13.73      | AVG    |
| 3   | 15720.000       | 48.36            | -7.41                 | 40.95           | 74.00          | -33.05      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH149(5745MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

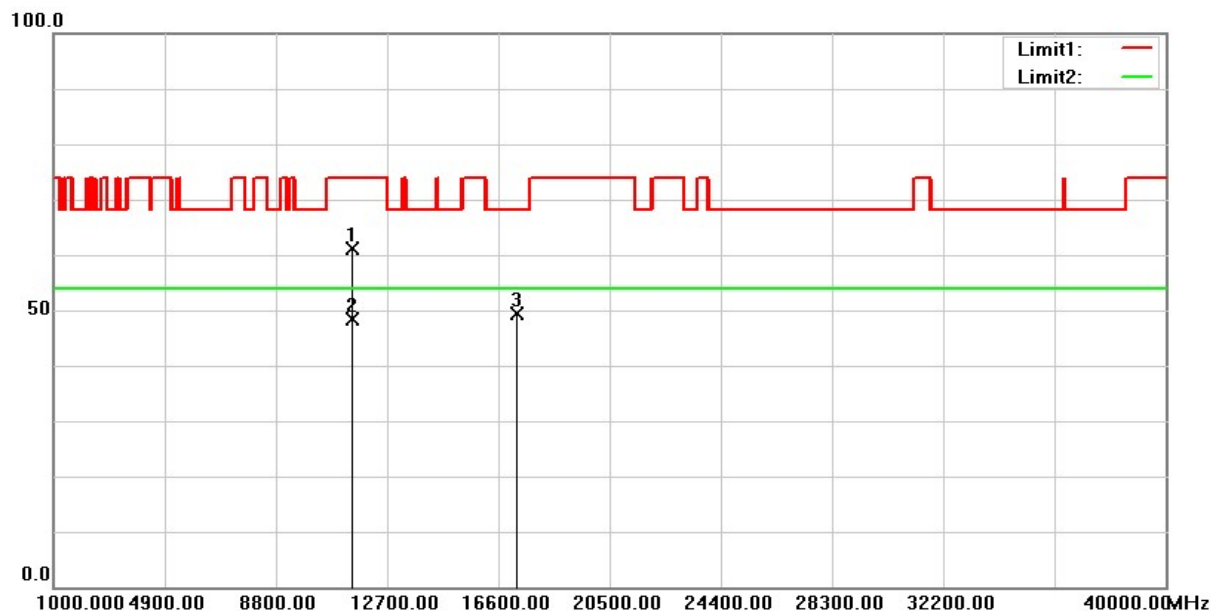


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 11490.000       | 76.30            | -8.89                 | 67.41           | 74.00          | -6.59       | peak   |
| 2   | 11490.000       | 61.48            | -8.89                 | 52.59           | 54.00          | -1.41       | AVG    |
| 3   | 17235.000       | 50.16            | -1.95                 | 48.21           | 68.20          | -19.99      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH149(5745MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

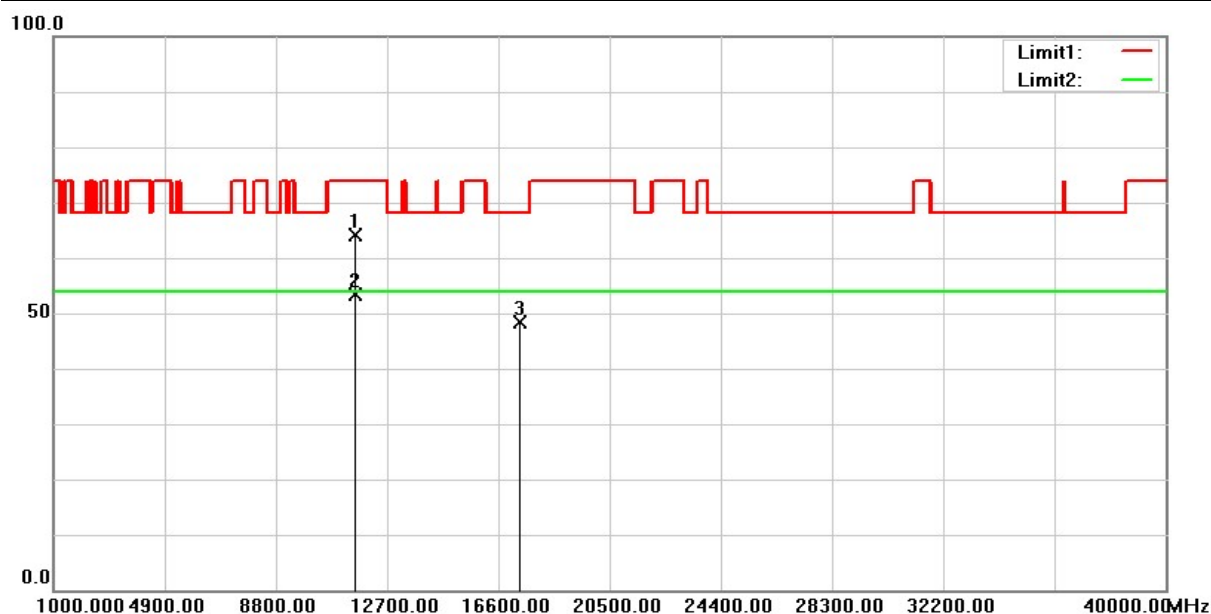


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 11490.000       | 70.05            | -8.89                 | 61.16           | 74.00          | -12.84      | peak   |
| 2   | 11490.000       | 57.27            | -8.89                 | 48.38           | 54.00          | -5.62       | AVG    |
| 3   | 17235.000       | 51.34            | -1.95                 | 49.39           | 68.20          | -18.81      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH157(5785MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

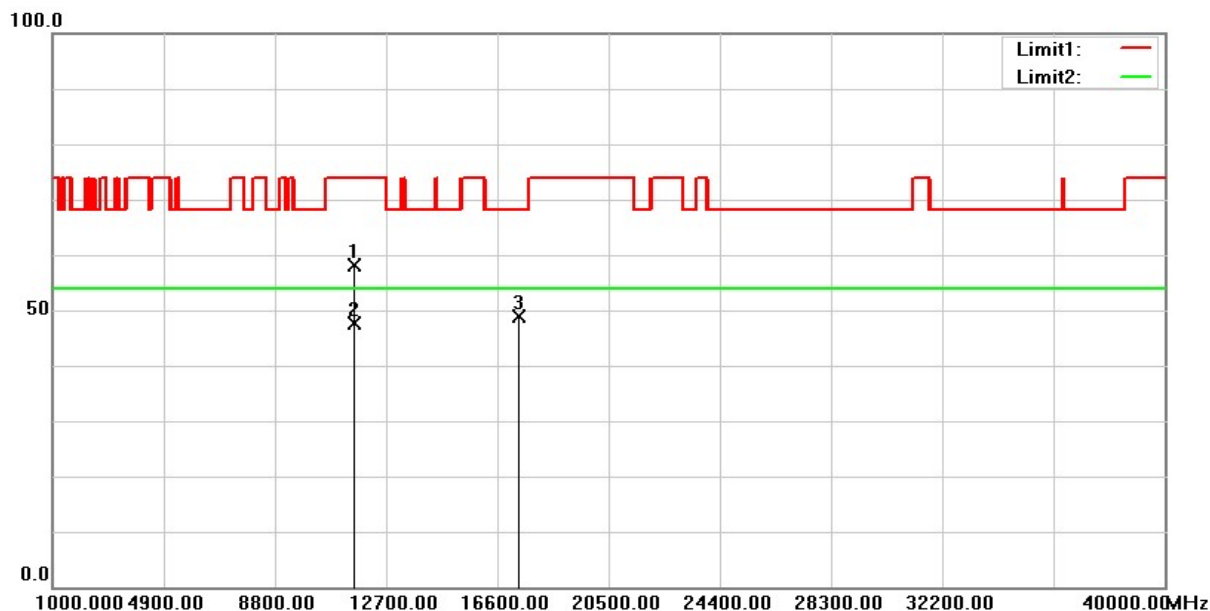


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 11570.000       | 73.18            | -8.97                 | 64.21           | 74.00          | -9.79       | peak   |
| 2   | 11570.000       | 62.46            | -8.97                 | 53.49           | 54.00          | -0.51       | AVG    |
| 3   | 17355.000       | 49.54            | -1.17                 | 48.37           | 68.20          | -19.83      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH157(5785MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

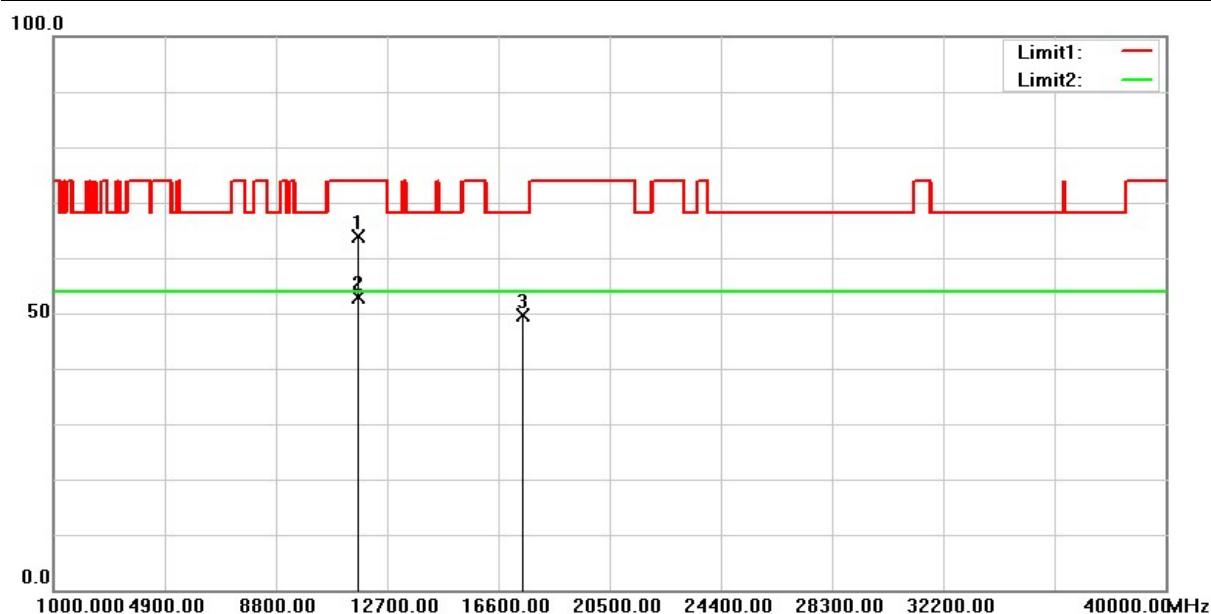


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 11570.000       | 67.07            | -8.97                 | 58.10           | 74.00          | -15.90      | peak   |
| 2   | 11570.000       | 56.62            | -8.97                 | 47.65           | 54.00          | -6.35       | AVG    |
| 3   | 17355.000       | 50.09            | -1.17                 | 48.92           | 68.20          | -19.28      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH165(5825MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                 | <b>Relative Humidity :</b> | 65 %       |

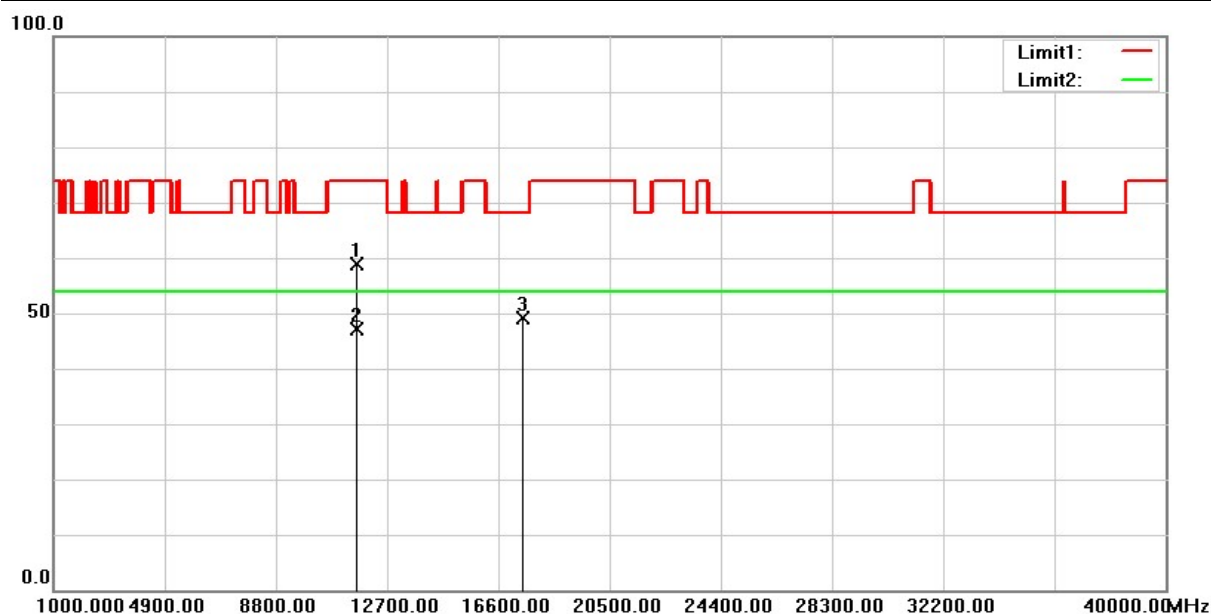


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 11650.000       | 73.30            | -9.33                 | 63.97           | 74.00          | -10.03      | peak   |
| 2   | 11650.000       | 62.28            | -9.33                 | 52.95           | 54.00          | -1.05       | AVG    |
| 3   | 17475.000       | 49.82            | -0.19                 | 49.63           | 68.20          | -18.57      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                            |                            |            |
|-----------------------|----------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 1 : Transmit(802.11a) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH165(5825MHz)             | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                   | <b>Relative Humidity :</b> | 65 %       |

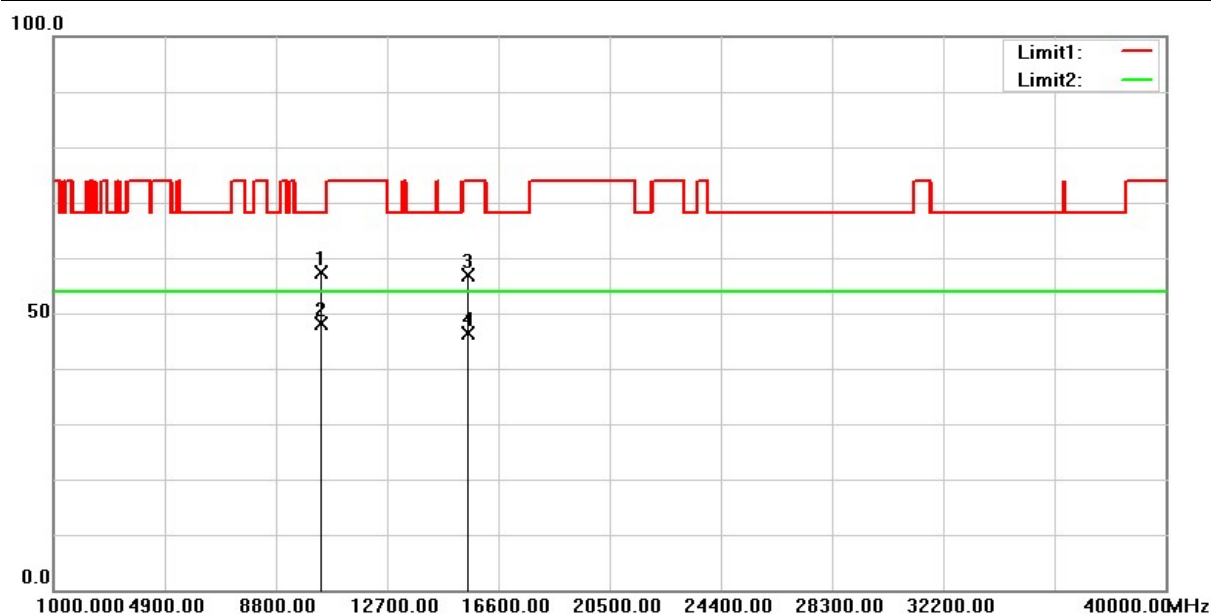


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 11650.000       | 68.25            | -9.32                 | 58.93           | 74.00          | -15.07      | peak   |
| 2   | 11650.000       | 56.38            | -9.32                 | 47.06           | 54.00          | -6.94       | AVG    |
| 3   | 17475.000       | 49.40            | -0.19                 | 49.21           | 68.20          | -18.99      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH36(5180MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

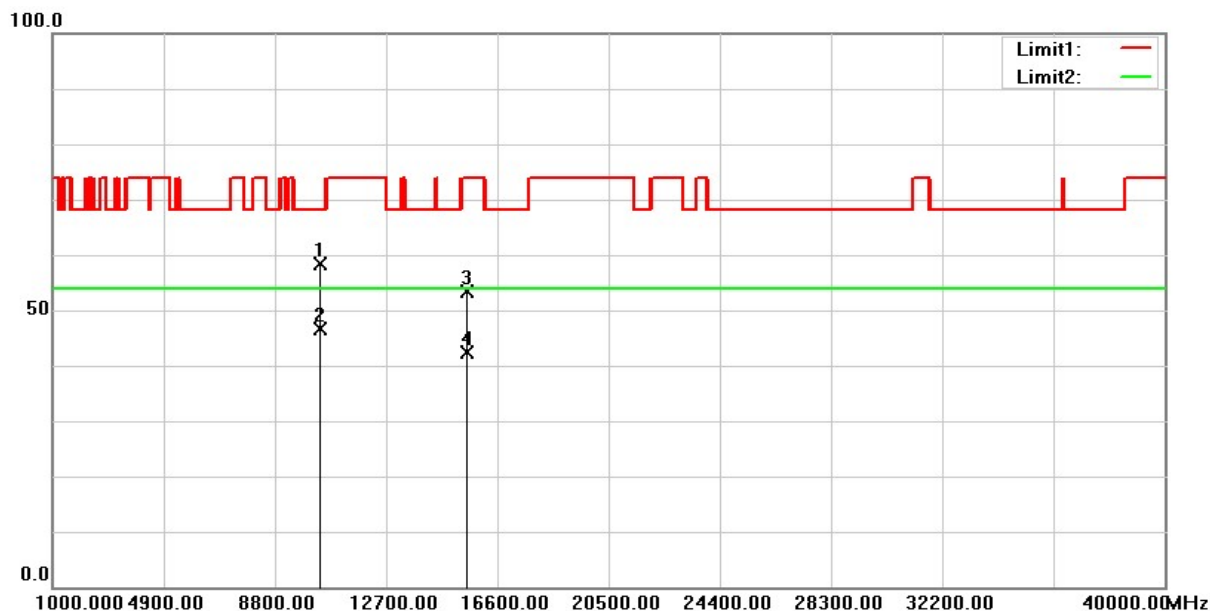


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10360.000       | 66.32            | -9.00                 | 57.32           | 68.20          | -10.88      | peak   |
| 2   | 10360.000       | 57.17            | -9.00                 | 48.17           | 54.00          | -5.83       | AVG    |
| 3   | 15540.000       | 64.20            | -7.33                 | 56.87           | 74.00          | -17.13      | peak   |
| 4   | 15540.000       | 53.72            | -7.33                 | 46.39           | 54.00          | -7.61       | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH36(5180MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

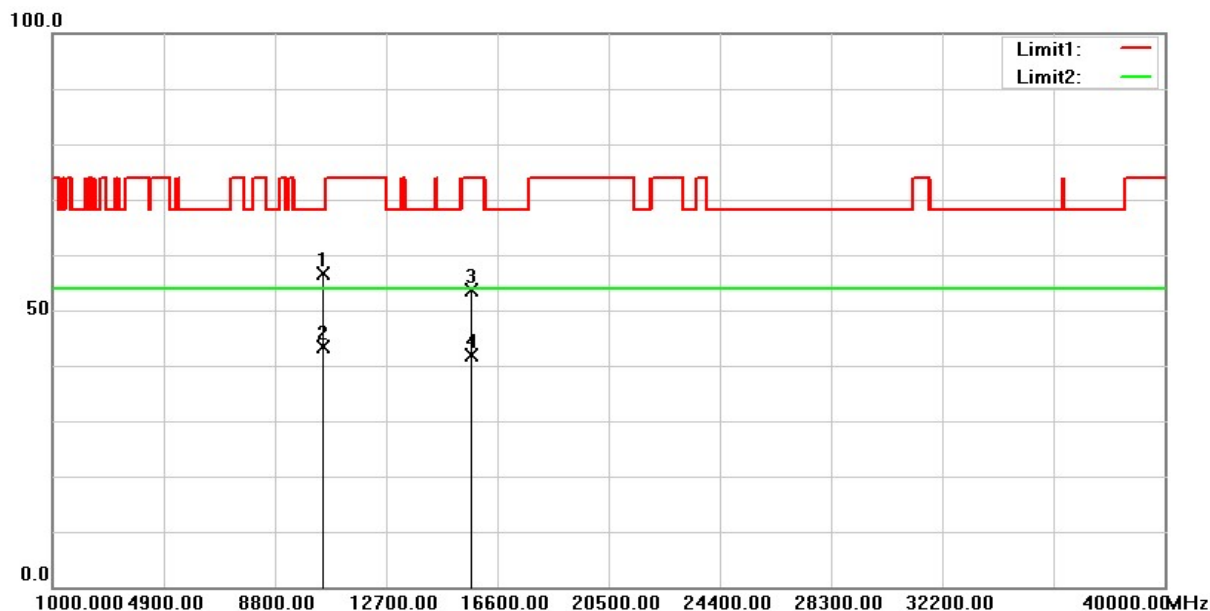


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10360.000       | 67.32            | -9.00                 | 58.32           | 68.20          | -9.88       | peak   |
| 2   | 10360.000       | 55.52            | -9.00                 | 46.52           | 54.00          | -7.48       | AVG    |
| 3   | 15540.000       | 60.73            | -7.33                 | 53.40           | 74.00          | -20.60      | peak   |
| 4   | 15540.000       | 49.70            | -7.33                 | 42.37           | 54.00          | -11.63      | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH44(5220MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

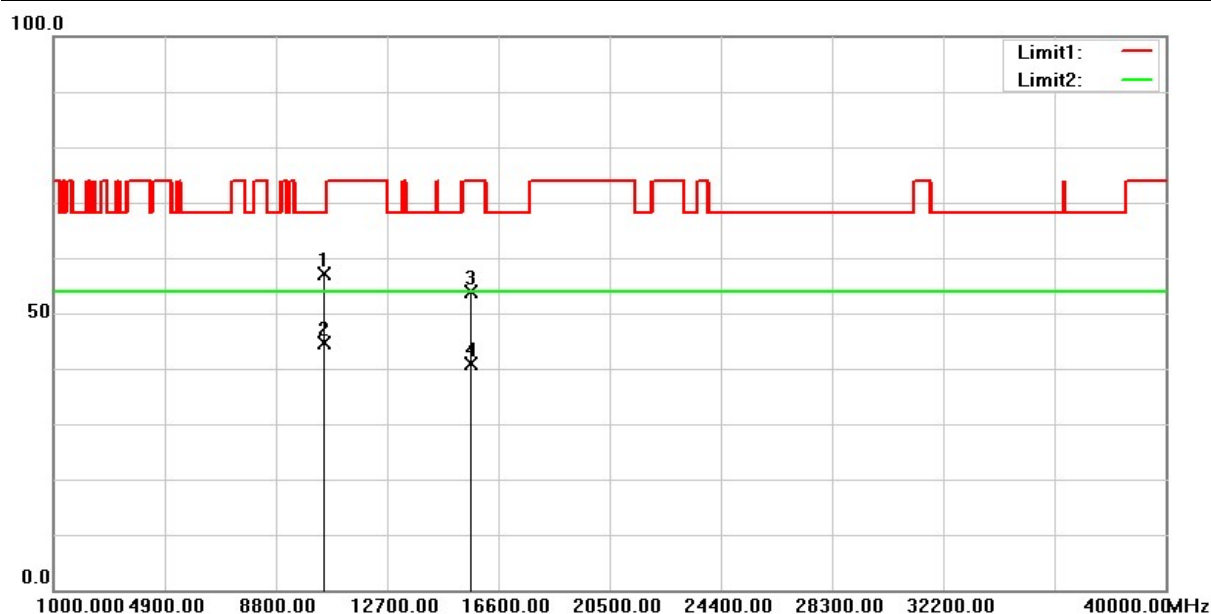


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10440.000       | 65.55            | -8.99                 | 56.56           | 68.20          | -11.64      | peak   |
| 2   | 10440.000       | 52.27            | -8.99                 | 43.28           | 54.00          | -10.72      | AVG    |
| 3   | 15660.000       | 61.06            | -7.47                 | 53.59           | 74.00          | -20.41      | peak   |
| 4   | 15660.000       | 49.45            | -7.47                 | 41.98           | 54.00          | -12.02      | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH44(5220MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

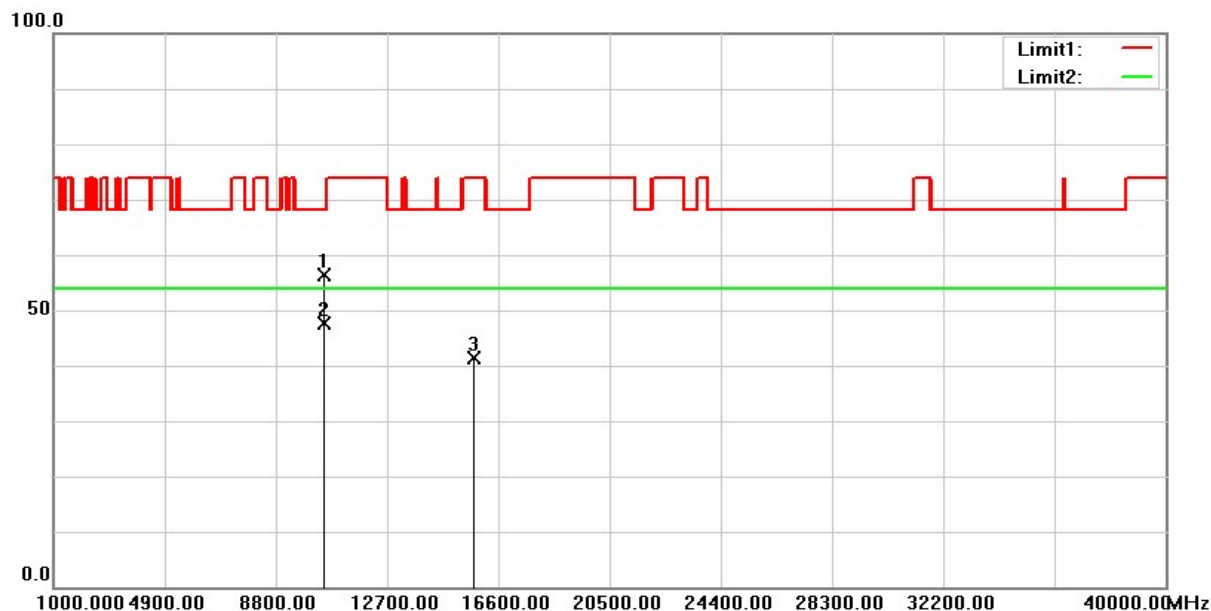


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10440.000       | 66.12            | -8.99                 | 57.13           | 68.20          | -11.07      | peak   |
| 2   | 10440.000       | 53.71            | -8.99                 | 44.72           | 54.00          | -9.28       | AVG    |
| 3   | 15660.000       | 61.46            | -7.47                 | 53.99           | 74.00          | -20.01      | peak   |
| 4   | 15660.000       | 48.40            | -7.47                 | 40.93           | 54.00          | -13.07      | AVG    |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH48(5240MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |

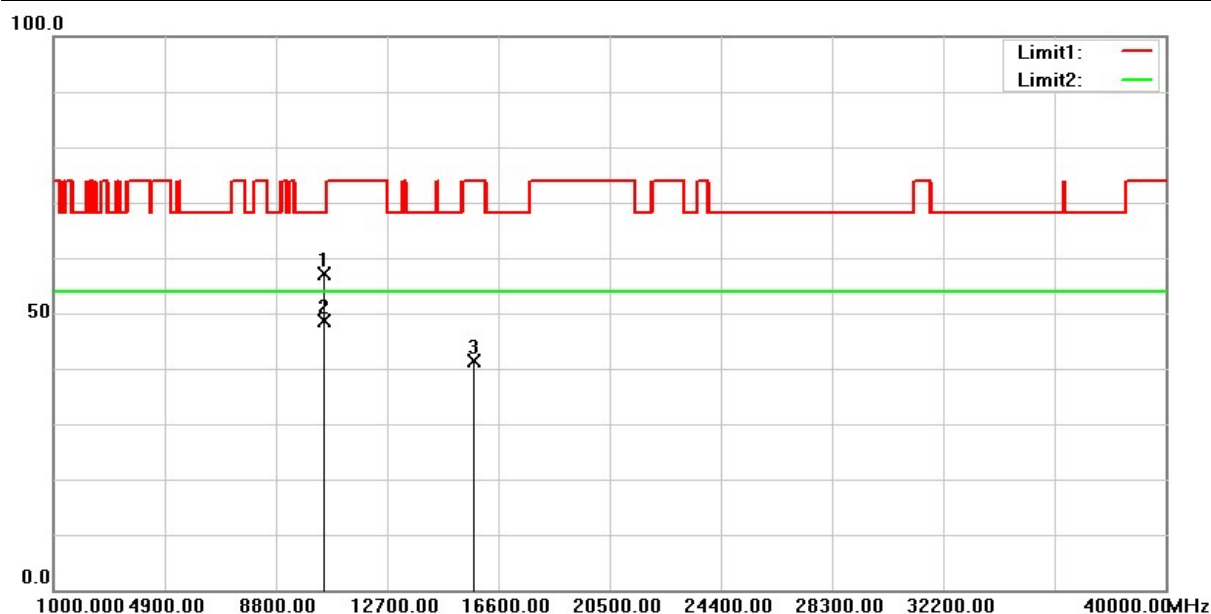


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10480.000       | 65.27            | -9.00                 | 56.27           | 68.20          | -11.93      | peak   |
| 2   | 10480.000       | 56.69            | -9.00                 | 47.69           | 54.00          | -6.31       | AVG    |
| 3   | 15720.000       | 48.86            | -7.41                 | 41.45           | 74.00          | -32.55      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH48(5240MHz)                     | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Vertical                          | <b>Relative Humidity :</b> | 65 %       |

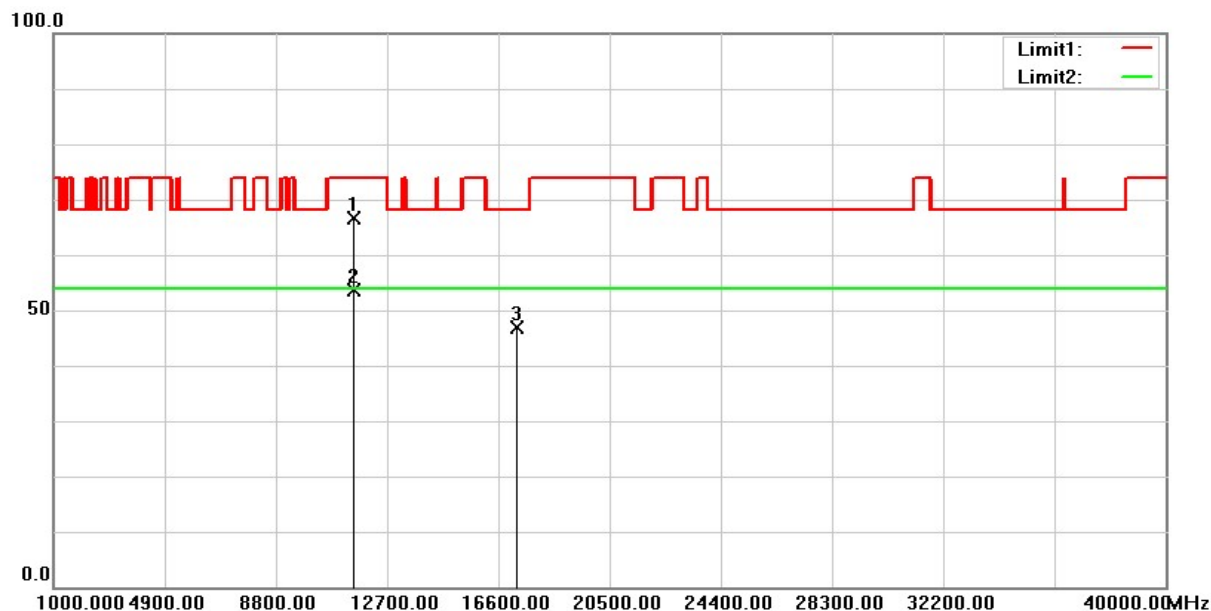


| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 10480.000       | 66.21            | -9.00                 | 57.21           | 68.20          | -10.99      | peak   |
| 2   | 10480.000       | 57.63            | -9.00                 | 48.63           | 54.00          | -5.37       | AVG    |
| 3   | 15720.000       | 48.86            | -7.41                 | 41.45           | 74.00          | -32.55      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

|                       |                                   |                            |            |
|-----------------------|-----------------------------------|----------------------------|------------|
| <b>Test Mode :</b>    | Mode 2 : Transmit(802.11ac VHT20) | <b>Test Date :</b>         | 2020/11/18 |
| <b>Test Channel :</b> | CH149(5745MHz)                    | <b>Temperature :</b>       | 25 °C      |
| <b>Polarization :</b> | Horizontal                        | <b>Relative Humidity :</b> | 65 %       |



| No. | Frequency (MHz) | Reading (dBuV/m) | Correct Factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|-----|-----------------|------------------|-----------------------|-----------------|----------------|-------------|--------|
| 1   | 11490.000       | 75.61            | -8.88                 | 66.73           | 74.00          | -7.27       | peak   |
| 2   | 11490.000       | 62.48            | -8.88                 | 53.60           | 54.00          | -0.40       | AVG    |
| 3   | 17235.000       | 48.86            | -1.95                 | 46.91           | 68.20          | -21.29      | peak   |

**Remark :**

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit