

# 附錄一

## 受測裝置之測試結果

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## 1. 場強輻射之量測

對受測物裝置之其他不必要之發射(測至 40GHz)依下列測試模式分別於電波暗室內進行量測，選擇低、中、高頻率來進行量測，並將下列測試模式之測試數據隨案件所附。所得讀值資料請見章節 2.1~2.2：

### 無線模組: WM-BAC-AT-49

支援 IEEE 802.11a/n/ac，依測試要求評估低、中、高頻率，並檢附三頻率之最差模式於此測試報告中。

| 模式             | 動作狀態 | U-NII Band | 基本頻率     | 量測頻率範圍        |
|----------------|------|------------|----------|---------------|
| 802.11a        | 發射   | I          | 5200MHz  | 1000-40000MHz |
|                |      | II         | 5320MHz  |               |
|                |      | III        | 5580MHz* | 30-1000MHz    |
|                |      | IV         | 5745MHz  | 1000-40000MHz |
| 802.11n-HT20   | 發射   | I          | 5200MHz  | 1000-40000MHz |
|                |      | II         | 5320MHz  |               |
|                |      | III        | 5700MHz  |               |
|                |      | IV         | 5745MHz  |               |
| 802.11n-HT40   | 發射   | I          | 5230MHz  | 1000-40000MHz |
|                |      | II         | 5310MHz  |               |
|                |      | III        | 5590MHz  |               |
|                |      | IV         | 5795MHz  |               |
| 802.11ac-VHT80 | 發射   | I          | 5210MHz  | 1000-40000MHz |
|                |      | II         | 5290MHz  |               |
|                |      | III        | 5610MHz  | 1000-40000MHz |
|                |      | IV         | 5775MHz  |               |
| ---            | 接收   | III        | 5580MHz  | 30-1000MHz    |
|                |      |            |          | 1000-40000MHz |

註: \*: 經評估後，以最差頻率進行 30-1000MHz 量測。

### 無線模組: LBEE5ZZ1PJ

支援 IEEE 802.11a/n，依測試要求評估低、中、高頻率，並檢附三頻率之最差模式於此測試報告中。

| 模式           | 動作狀態 | U-NII Band | 基本頻率     | 量測頻率範圍        |
|--------------|------|------------|----------|---------------|
| 802.11a      | 發射   | I          | 5180MHz  | 1000-40000MHz |
|              |      | II         | 5300MHz  |               |
|              |      | III        | 5580MHz* | 30-1000MHz    |
|              |      | IV         | 5745MHz  | 1000-40000MHz |
| 802.11n-HT20 | 發射   | I          | 5200MHz  | 1000-40000MHz |
|              |      | II         | 5300MHz  |               |
|              |      | III        | 5580MHz  |               |
|              |      | IV         | 5745MHz  |               |
| 802.11n-HT40 | 發射   | I          | 5230MHz  | 1000-40000MHz |
|              |      | II         | 5270MHz  |               |
|              |      | III        | 5670MHz  |               |
|              |      | IV         | 5755MHz  |               |
| ---          | 接收   | III        | 5500MHz  | 30-1000MHz    |
|              |      |            |          | 1000-40000MHz |

註: \*: 經評估後，以最差頻率進行 30-1000MHz 量測。

對受測物裝置落於低功率射頻器材技術規範第 3.5 章節的禁用頻帶之混附發射以下列測試模式依規定分別進行量測，所得量測資料請見章節 1.3。

**無線模組: WM-BAC-AT-49**

| 模式             | 動作狀態 | U-NII Band | 基本頻率    | 量測頻率範圍       |
|----------------|------|------------|---------|--------------|
| 802.11a        | 發射   | I          | 5180MHz | 5100-5200MHz |
|                |      | II         | 5320MHz | 5300-5460MHz |
|                |      | III        | 5500MHz | 5420-5520MHz |
|                |      |            | 5700MHz | 5680-5760MHz |
| 802.11n-HT20   | 發射   | I          | 5180MHz | 5100-5200MHz |
|                |      | II         | 5320MHz | 5300-5460MHz |
|                |      | III        | 5500MHz | 5420-5520MHz |
|                |      |            | 5700MHz | 5680-5760MHz |
| 802.11n-HT40   | 發射   | I          | 5190MHz | 5100-5210MHz |
|                |      | II         | 5310MHz | 5290-5460MHz |
|                |      | III        | 5510MHz | 5420-5530MHz |
|                |      |            | 5670MHz | 5650-5760MHz |
| 802.11ac-VHT80 | 發射   | I          | 5210MHz | 5100-5250MHz |
|                |      | II         | 5290MHz | 5250-5460MHz |
|                |      | III        | 5530MHz | 5420-5570MHz |
|                |      |            | 5610MHz | 5560-5760MHz |

**無線模組: LBEE5ZZ1PJ**

| 模式           | 動作狀態 | U-NII Band | 基本頻率    | 量測頻率範圍       |
|--------------|------|------------|---------|--------------|
| 802.11a      | 發射   | I          | 5180MHz | 5100-5200MHz |
|              |      | II         | 5320MHz | 5300-5460MHz |
|              |      | III        | 5500MHz | 5420-5520MHz |
|              |      |            | 5700MHz | 5680-5760MHz |
| 802.11n-HT20 | 發射   | I          | 5180MHz | 5100-5200MHz |
|              |      | II         | 5320MHz | 5300-5460MHz |
|              |      | III        | 5500MHz | 5420-5520MHz |
|              |      |            | 5700MHz | 5680-5760MHz |
| 802.11n-HT40 | 發射   | I          | 5190MHz | 5100-5210MHz |
|              |      | II         | 5310MHz | 5290-5460MHz |
|              |      | III        | 5510MHz | 5420-5530MHz |
|              |      |            | 5670MHz | 5650-5760MHz |

|      |                  |        |                        |
|------|------------------|--------|------------------------|
| 測試日期 | 2021/07/05~09/13 | 環境溫/濕度 | 24~27°C/55~62%         |
| 測試電壓 | AC 110V 60Hz     | 測試人員   | (1)Hua Wu (2)Sam Chang |

### 1.1. 30-1000MHz 頻率範圍，其他不必要發射量測

#### ● 無線模組: WM-BAC-AT-49

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11a      | Frequency  | TX 5580MHz |

#### Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 33.880                   | 22.12                 | 1.26            | 26.51                  | 37.82             | 34.69                   | 40.00           | 5.31        | Peak     |
| 128.940                  | 17.50                 | 2.62            | 26.12                  | 44.41             | 38.41                   | 43.50           | 5.09        | Peak     |
| 199.750                  | 15.10                 | 3.37            | 25.81                  | 40.73             | 33.39                   | 43.50           | 10.11       | Peak     |
| 238.550                  | 17.53                 | 3.74            | 25.76                  | 42.10             | 37.61                   | 46.00           | 8.39        | Peak     |
| 310.330                  | 19.33                 | 4.45            | 25.80                  | 39.39             | 37.37                   | 46.00           | 8.63        | Peak     |
| 450.010                  | 22.30                 | 6.01            | 26.86                  | 30.27             | 31.72                   | 46.00           | 14.28       | Peak     |

#### Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 32.910                   | 22.52                 | 1.24            | 26.51                  | 41.31             | 38.56                   | 40.00           | 1.44        | Peak     |
| 75.590                   | 12.59                 | 1.97            | 26.37                  | 46.04             | 34.23                   | 40.00           | 5.77        | Peak     |
| 124.090                  | 17.75                 | 2.57            | 26.15                  | 44.89             | 39.06                   | 43.50           | 4.44        | Peak     |
| 145.430                  | 16.61                 | 2.80            | 26.03                  | 40.07             | 33.45                   | 43.50           | 10.05       | Peak     |
| 231.760                  | 17.14                 | 3.68            | 25.77                  | 34.52             | 29.57                   | 46.00           | 16.43       | Peak     |
| 613.940                  | 24.38                 | 6.85            | 27.44                  | 31.49             | 35.28                   | 46.00           | 10.72       | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | ---          | Frequency  | RX 5580MHz |

#### Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 33.880                   | 22.12                 | 1.26            | 26.51                  | 37.87             | 34.74                   | 40.00           | 5.26        | Peak     |
| 128.940                  | 17.50                 | 2.62            | 26.12                  | 45.13             | 39.13                   | 43.50           | 4.37        | Peak     |
| 198.780                  | 15.09                 | 3.36            | 25.81                  | 42.80             | 35.44                   | 43.50           | 8.06        | Peak     |
| 240.490                  | 17.68                 | 3.77            | 25.75                  | 41.11             | 36.81                   | 46.00           | 9.19        | Peak     |
| 310.330                  | 19.33                 | 4.45            | 25.80                  | 37.53             | 35.51                   | 46.00           | 10.49       | Peak     |
| 450.010                  | 22.30                 | 6.01            | 26.86                  | 31.39             | 32.84                   | 46.00           | 13.16       | Peak     |

#### Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 34.850                   | 21.77                 | 1.28            | 26.50                  | 39.80             | 36.35                   | 40.00           | 3.65        | Peak     |
| 75.590                   | 12.59                 | 1.97            | 26.37                  | 46.10             | 34.29                   | 40.00           | 5.71        | Peak     |
| 124.090                  | 17.75                 | 2.57            | 26.15                  | 44.78             | 38.95                   | 43.50           | 4.55        | Peak     |
| 145.430                  | 16.61                 | 2.80            | 26.03                  | 39.88             | 33.26                   | 43.50           | 10.24       | Peak     |
| 215.270                  | 16.12                 | 3.53            | 25.79                  | 36.93             | 30.79                   | 43.50           | 12.71       | Peak     |
| 613.940                  | 24.38                 | 6.85            | 27.44                  | 32.45             | 36.24                   | 46.00           | 9.76        | Peak     |

## ● 無線模組: LBEE5ZZ1PJ

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | III        |
| Mode | 802.11a    | Frequency  | TX 5580MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 126.03                   | 18.24                 | 0.98            | 32.53                  | 50.66             | 37.35                   | 43.50           | 6.15        | Peak     |
| 151.25                   | 19.77                 | 1.06            | 32.50                  | 44.85             | 33.18                   | 43.50           | 10.32       | Peak     |
| 221.09                   | 17.35                 | 1.28            | 32.46                  | 50.47             | 36.64                   | 46.00           | 9.36        | Peak     |
| 245.34                   | 18.10                 | 1.36            | 32.47                  | 49.89             | 36.88                   | 46.00           | 9.12        | Peak     |
| 410.24                   | 22.62                 | 1.92            | 32.45                  | 45.95             | 38.04                   | 46.00           | 7.96        | Peak     |
| 473.29                   | 23.72                 | 2.13            | 32.44                  | 44.79             | 38.20                   | 46.00           | 7.80        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 36.79                    | 19.51                 | 0.59            | 32.66                  | 46.42             | 33.86                   | 40.00           | 6.14        | Peak     |
| 50.37                    | 20.36                 | 0.67            | 32.65                  | 48.02             | 36.40                   | 40.00           | 3.60        | Peak     |
| 119.24                   | 17.67                 | 0.96            | 32.53                  | 48.55             | 34.65                   | 43.50           | 8.85        | Peak     |
| 410.24                   | 22.62                 | 1.92            | 32.45                  | 46.52             | 38.61                   | 46.00           | 7.39        | Peak     |
| 471.35                   | 23.69                 | 2.12            | 32.44                  | 47.37             | 40.74                   | 46.00           | 5.26        | Peak     |
| 535.37                   | 25.00                 | 2.29            | 32.45                  | 45.89             | 40.73                   | 46.00           | 5.27        | Peak     |

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | III        |
| Mode | ---        | Frequency  | RX 5500MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 48.43                    | 20.35                 | 0.66            | 32.65                  | 34.43             | 22.79                   | 40.00           | 17.21       | Peak     |
| 126.03                   | 18.24                 | 0.98            | 32.53                  | 50.69             | 37.38                   | 43.50           | 6.12        | Peak     |
| 138.64                   | 19.26                 | 1.02            | 32.51                  | 47.46             | 35.23                   | 43.50           | 8.27        | Peak     |
| 203.63                   | 16.73                 | 1.22            | 32.46                  | 47.18             | 32.67                   | 43.50           | 10.83       | Peak     |
| 221.09                   | 17.35                 | 1.28            | 32.46                  | 50.19             | 36.36                   | 46.00           | 9.64        | Peak     |
| 245.34                   | 18.10                 | 1.36            | 32.47                  | 49.20             | 36.19                   | 46.00           | 9.81        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 36.79                    | 19.51                 | 0.59            | 32.66                  | 45.11             | 32.55                   | 40.00           | 7.45        | Peak     |
| 49.40                    | 20.36                 | 0.67            | 32.65                  | 48.40             | 36.78                   | 40.00           | 3.22        | Peak     |
| 115.36                   | 17.11                 | 0.94            | 32.54                  | 46.16             | 31.67                   | 43.50           | 11.83       | Peak     |
| 130.88                   | 18.64                 | 0.99            | 32.52                  | 43.01             | 30.12                   | 43.50           | 13.38       | Peak     |
| 208.48                   | 16.91                 | 1.24            | 32.46                  | 44.67             | 30.36                   | 43.50           | 13.14       | Peak     |
| 218.18                   | 17.24                 | 1.27            | 32.46                  | 45.08             | 31.13                   | 46.00           | 14.87       | Peak     |

**1.2. 1000MHz 以上頻率範圍，其他不必要發射量測**

頻率範圍量測至 40GHz，其他未列在報告上乃因訊號太小無法量測。

● **無線模組: WM-BAC-AT-49**

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11a      | Frequency  | TX 5200MHz |

**Antenna at Horizontal Polarization**

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10400.000                | 37.60                 | 14.90           | 34.78                  | 29.19             | 46.91                   | 54.00           | 7.09        | Peak     |

**Antenna at Vertical Polarization**

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10400.000                | 37.60                 | 14.90           | 34.78                  | 28.58             | 46.30                   | 54.00           | 7.70        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11a      | Frequency  | TX 5320MHz |

**Antenna at Horizontal Polarization**

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10640.000                | 37.90                 | 15.05           | 34.66                  | 28.67             | 46.96                   | 54.00           | 7.04        | Peak     |

**Antenna at Vertical Polarization**

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10640.000                | 37.90                 | 15.05           | 34.66                  | 29.13             | 47.42                   | 54.00           | 6.58        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11a      | Frequency  | TX 5580MHz |

**Antenna at Horizontal Polarization**

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11160.000                | 38.13                 | 15.36           | 34.57                  | 28.08             | 47.00                   | 54.00           | 7.00        | Peak     |

**Antenna at Vertical Polarization**

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11160.000                | 38.13                 | 15.36           | 34.57                  | 27.97             | 46.89                   | 54.00           | 7.11        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | IV         |
| Mode | 802.11a      | Frequency  | TX 5745MHz |

Antenna at Horizontal Polarization

| Emission<br>Frequency<br>(MHz) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Preamp<br>Gain<br>(dB) | Read<br>Level<br>(dBμV) | Emission<br>Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector |
|--------------------------------|-----------------------------|-----------------------|------------------------|-------------------------|-------------------------------|--------------------|----------------|----------|
| 11490.000                      | 38.40                       | 15.65                 | 34.59                  | 28.75                   | 48.21                         | 54.00              | 5.79           | Peak     |

Antenna at Vertical Polarization

| Emission<br>Frequency<br>(MHz) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Preamp<br>Gain<br>(dB) | Read<br>Level<br>(dBμV) | Emission<br>Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector |
|--------------------------------|-----------------------------|-----------------------|------------------------|-------------------------|-------------------------------|--------------------|----------------|----------|
| 11490.000                      | 38.40                       | 15.65                 | 34.59                  | 29.86                   | 49.32                         | 54.00              | 4.68           | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11n-HT20 | Frequency  | TX 5200MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10400.000                | 37.60                 | 14.90           | 34.78                  | 29.28             | 47.00                   | 54.00           | 7.00        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10400.000                | 37.60                 | 14.90           | 34.78                  | 29.03             | 46.75                   | 54.00           | 7.25        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11n-HT20 | Frequency  | TX 5320MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10640.000                | 37.90                 | 15.05           | 34.66                  | 28.90             | 47.19                   | 54.00           | 6.81        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10640.000                | 37.90                 | 15.05           | 34.66                  | 28.48             | 46.77                   | 54.00           | 7.23        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11n-HT20 | Frequency  | TX 5700MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11400.000                | 38.40                 | 15.59           | 34.58                  | 27.97             | 47.38                   | 54.00           | 6.62        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11400.000                | 38.40                 | 15.59           | 34.58                  | 27.85             | 47.26                   | 54.00           | 6.74        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | IV         |
| Mode | 802.11n-HT20 | Frequency  | TX 5745MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11490.000                | 38.40                 | 15.65           | 34.59                  | 29.03             | 48.49                   | 54.00           | 5.51        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11490.000                | 38.40                 | 15.65           | 34.59                  | 29.52             | 48.98                   | 54.00           | 5.02        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11n-HT40 | Frequency  | TX 5230MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10460.000                | 37.70                 | 14.94           | 34.74                  | 28.85             | 46.75                   | 54.00           | 7.25        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10460.000                | 37.70                 | 14.94           | 34.74                  | 30.28             | 48.18                   | 54.00           | 5.82        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11n-HT40 | Frequency  | TX 5310MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10620.000                | 37.90                 | 15.05           | 34.66                  | 28.26             | 46.55                   | 54.00           | 7.45        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10620.000                | 37.90                 | 15.05           | 34.66                  | 29.11             | 47.40                   | 54.00           | 6.60        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11n-HT40 | Frequency  | TX 5590MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11180.000                | 38.13                 | 15.42           | 34.57                  | 28.78             | 47.76                   | 54.00           | 6.24        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11180.000                | 38.13                 | 15.42           | 34.57                  | 28.12             | 47.10                   | 54.00           | 6.90        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | IV         |
| Mode | 802.11n-HT40 | Frequency  | TX 5795MHz |

## Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11590.000                | 38.50                 | 15.71           | 34.61                  | 29.27             | 48.87                   | 54.00           | 5.13        | Peak     |

## Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11590.000                | 38.50                 | 15.71           | 34.61                  | 28.52             | 48.12                   | 54.00           | 5.88        | Peak     |

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | I          |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5210MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10420.000                | 37.65                 | 14.94           | 34.78                  | 29.64             | 47.45                   | 54.00           | 6.55        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10420.000                | 37.65                 | 14.94           | 34.78                  | 29.59             | 47.40                   | 54.00           | 6.60        | Peak     |

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | II         |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5290MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10580.000                | 37.87                 | 15.02           | 34.67                  | 28.47             | 46.69                   | 54.00           | 7.31        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10580.000                | 37.87                 | 15.02           | 34.67                  | 29.32             | 47.54                   | 54.00           | 6.46        | Peak     |

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | III        |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5610MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11220.000                | 38.20                 | 15.42           | 34.57                  | 27.46             | 46.51                   | 54.00           | 7.49        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11220.000                | 38.20                 | 15.42           | 34.57                  | 28.39             | 47.44                   | 54.00           | 6.56        | Peak     |

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | IV         |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5775MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11550.000                | 38.43                 | 15.71           | 34.60                  | 29.48             | 49.02                   | 54.00           | 4.98        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11550.000                | 38.43                 | 15.71           | 34.60                  | 29.24             | 48.78                   | 54.00           | 5.22        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | ---          | Frequency  | RX 5580MHz |

Antenna at Horizontal Polarization

| Emission<br>Frequency<br>(MHz) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Preamp<br>Gain<br>(dB) | Read<br>Level<br>(dBμV) | Emission<br>Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector |
|--------------------------------|-----------------------------|-----------------------|------------------------|-------------------------|-------------------------------|--------------------|----------------|----------|
| 11160.000                      | 38.13                       | 15.36                 | 34.57                  | 28.12                   | 47.04                         | 54.00              | 6.96           | Peak     |

Antenna at Vertical Polarization

| Emission<br>Frequency<br>(MHz) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Preamp<br>Gain<br>(dB) | Read<br>Level<br>(dBμV) | Emission<br>Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector |
|--------------------------------|-----------------------------|-----------------------|------------------------|-------------------------|-------------------------------|--------------------|----------------|----------|
| 11160.000                      | 38.13                       | 15.36                 | 34.57                  | 28.03                   | 46.95                         | 54.00              | 7.05           | Peak     |

● 無線模組: LBEE5ZZ1PJ

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | I          |
| Mode | 802.11a    | Frequency  | TX 5180MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10360.00                 | 37.60                 | 14.90           | 34.83                  | 29.11             | 46.78                   | 54.00           | 7.22        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10360.00                 | 37.60                 | 14.90           | 34.83                  | 29.45             | 47.12                   | 54.00           | 6.88        | Peak     |

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | II         |
| Mode | 802.11a    | Frequency  | TX 5300MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10600.00                 | 37.90                 | 15.02           | 34.67                  | 28.75             | 47.00                   | 54.00           | 7.00        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10600.00                 | 37.90                 | 15.02           | 34.67                  | 29.24             | 47.49                   | 54.00           | 6.51        | Peak     |

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | III        |
| Mode | 802.11a    | Frequency  | TX 5580MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11160.00                 | 38.13                 | 15.36           | 34.57                  | 29.85             | 48.77                   | 54.00           | 5.23        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11160.00                 | 38.13                 | 15.36           | 34.57                  | 28.31             | 47.23                   | 54.00           | 6.77        | Peak     |

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | IV         |
| Mode | 802.11a    | Frequency  | TX 5745MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11490.00                 | 38.40                 | 15.65           | 34.59                  | 28.84             | 48.30                   | 54.00           | 5.70        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11490.00                 | 38.40                 | 15.65           | 34.59                  | 29.84             | 49.30                   | 54.00           | 4.70        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | I          |
| Mode | 802.11n-HT20 | Frequency  | TX 5200MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10400.00                 | 37.60                 | 14.90           | 34.78            | 29.37             | 47.09                   | 54.00           | 6.91        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10400.00                 | 37.60                 | 14.90           | 34.78            | 29.32             | 47.04                   | 54.00           | 6.96        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | II         |
| Mode | 802.11n-HT20 | Frequency  | TX 5300MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10600.00                 | 37.90                 | 15.02           | 34.67            | 29.34             | 47.59                   | 54.00           | 6.41        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10600.00                 | 37.90                 | 15.02           | 34.67            | 28.82             | 47.07                   | 54.00           | 6.93        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | III        |
| Mode | 802.11n-HT20 | Frequency  | TX 5580MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11160.00                 | 38.13                 | 15.36           | 34.57            | 28.30             | 47.22                   | 54.00           | 6.78        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11160.00                 | 38.13                 | 15.36           | 34.57            | 28.03             | 46.95                   | 54.00           | 7.05        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | IV         |
| Mode | 802.11n-HT20 | Frequency  | TX 5745MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11490.00                 | 38.40                 | 15.65           | 34.59            | 28.21             | 47.67                   | 54.00           | 6.33        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11490.00                 | 38.40                 | 15.65           | 34.59            | 28.01             | 47.47                   | 54.00           | 6.53        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | I          |
| Mode | 802.11n-HT40 | Frequency  | TX 5230MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10460.00                 | 37.70                 | 14.94           | 34.74            | 28.80             | 46.70                   | 54.00           | 7.30        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10460.00                 | 37.70                 | 14.94           | 34.74            | 28.95             | 46.85                   | 54.00           | 7.15        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | II         |
| Mode | 802.11n-HT40 | Frequency  | TX 5270MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10540.00                 | 37.83                 | 14.98           | 34.68            | 30.17             | 48.30                   | 54.00           | 5.70        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 10540.00                 | 37.83                 | 14.98           | 34.68            | 29.57             | 47.70                   | 54.00           | 6.30        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | III        |
| Mode | 802.11n-HT40 | Frequency  | TX 5670MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11340.00                 | 38.27                 | 15.53           | 34.58            | 27.19             | 46.41                   | 54.00           | 7.59        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11340.00                 | 38.27                 | 15.53           | 34.58            | 28.03             | 47.25                   | 54.00           | 6.75        | Peak     |

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | IV         |
| Mode | 802.11n-HT40 | Frequency  | TX 5755MHz |

Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11510.00                 | 38.40                 | 15.65           | 34.59            | 27.83             | 47.29                   | 54.00           | 6.71        | Peak     |

Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 11510.00                 | 38.40                 | 15.65           | 34.59            | 28.84             | 48.30                   | 54.00           | 5.70        | Peak     |

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | III        |
| Mode | ---        | Frequency  | TX 5500MHz |

Antenna at Horizontal Polarization

| Emission<br>Frequency<br>(MHz) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Preamp<br>Gain<br>(dB) | Read<br>Level<br>(dBμV) | Emission<br>Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector |
|--------------------------------|-----------------------------|-----------------------|------------------------|-------------------------|-------------------------------|--------------------|----------------|----------|
| 11000.00                       | 38.10                       | 15.24                 | 34.56                  | 28.59                   | 47.37                         | 54.00              | 6.63           | Peak     |

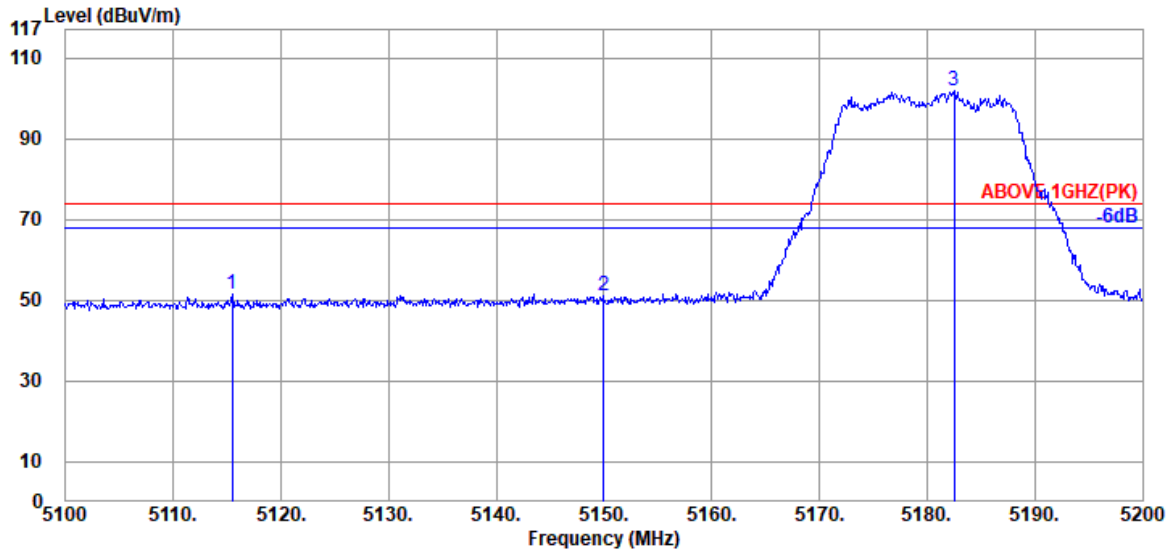
Antenna at Vertical Polarization

| Emission<br>Frequency<br>(MHz) | Antenna<br>Factor<br>(dB/m) | Cable<br>Loss<br>(dB) | Preamp<br>Gain<br>(dB) | Read<br>Level<br>(dBμV) | Emission<br>Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Detector |
|--------------------------------|-----------------------------|-----------------------|------------------------|-------------------------|-------------------------------|--------------------|----------------|----------|
| 11000.00                       | 38.10                       | 15.24                 | 34.56                  | 29.01                   | 47.79                         | 54.00              | 6.21           | Peak     |

### 1.3. 禁用頻帶量測結果 (其他不必要發射)

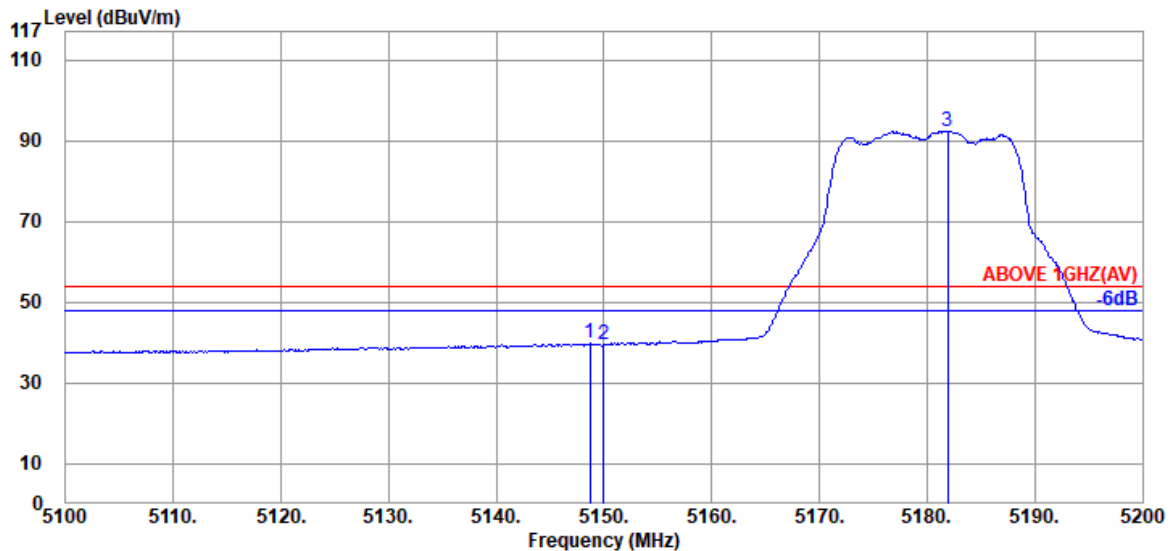
#### ● 無線模組: WM-BAC-AT-49

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11a      | Frequency  | TX 5180MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5115.500                 | 34.13                 | 10.68           | 34.36            | 41.02             | 51.47                   | 74.00           | 22.53       | Peak     |
| 5150.000                 | 34.20                 | 10.70           | 34.35            | 40.64             | 51.19                   | 74.00           | 22.81       | Peak     |
| @ 5182.500               | 34.20                 | 10.72           | 34.34            | 91.25             | 101.83                  | ---             | ---         | Peak     |

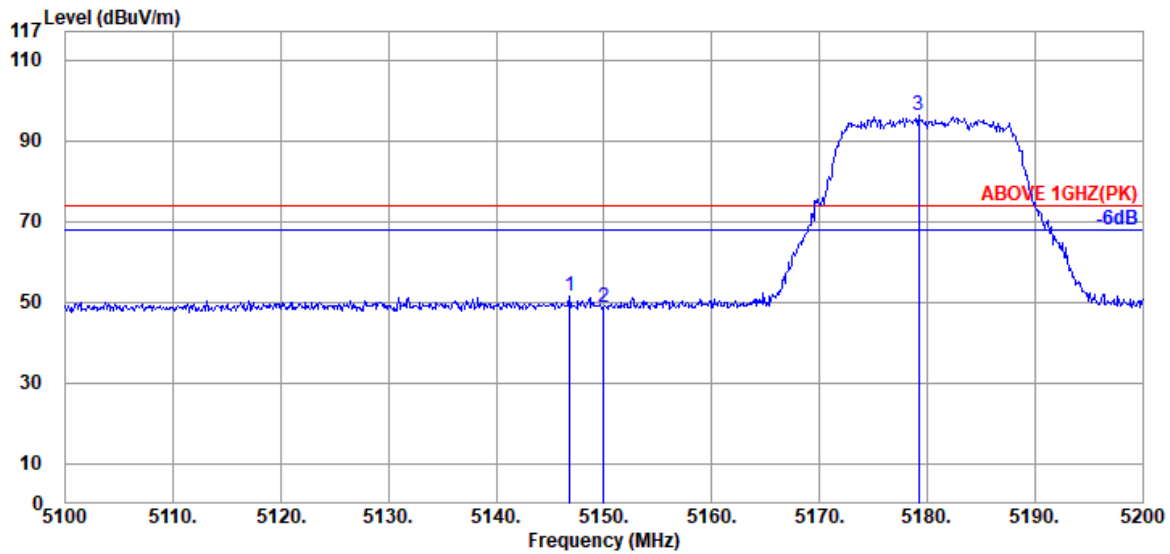


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5148.700                 | 34.20                 | 10.70           | 34.35            | 29.30             | 39.85                   | 54.00           | 14.15       | Average  |
| 5150.000                 | 34.20                 | 10.70           | 34.35            | 29.05             | 39.60                   | 54.00           | 14.40       | Average  |
| @ 5181.900               | 34.20                 | 10.72           | 34.34            | 81.85             | 92.43                   | ---             | ---         | Average  |

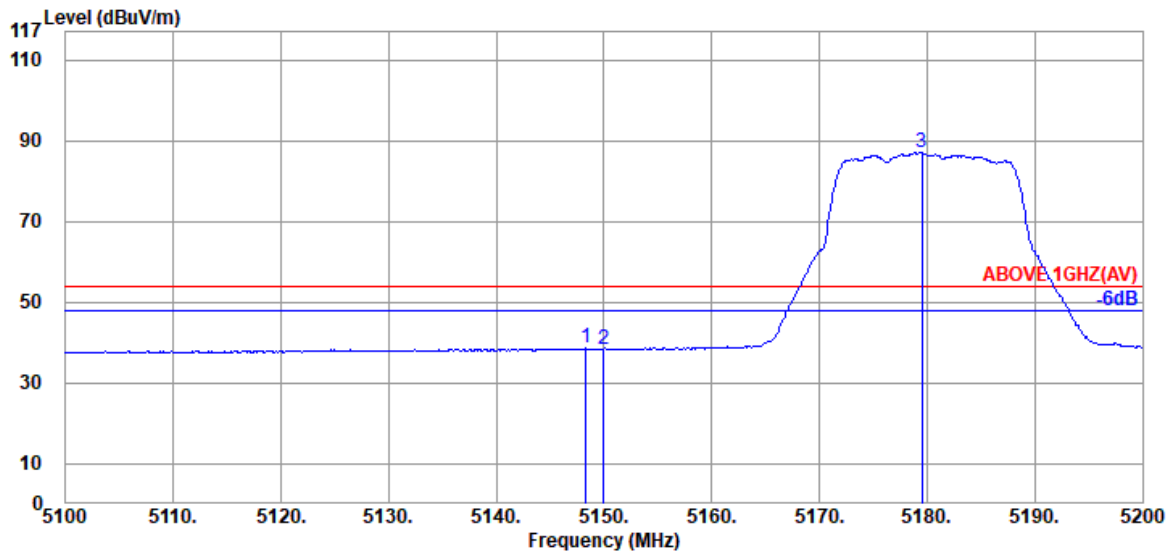
備註:“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11a      | Frequency  | TX 5180MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5146.800                 | 34.20                 | 10.70           | 34.35                  | 40.85             | 51.40                   | 74.00           | 22.60       | Peak     |
| 5150.000                 | 34.20                 | 10.70           | 34.35                  | 38.06             | 48.61                   | 74.00           | 25.39       | Peak     |
| @ 5179.200               | 34.20                 | 10.72           | 34.34                  | 85.69             | 96.27                   | ---             | ---         | Peak     |

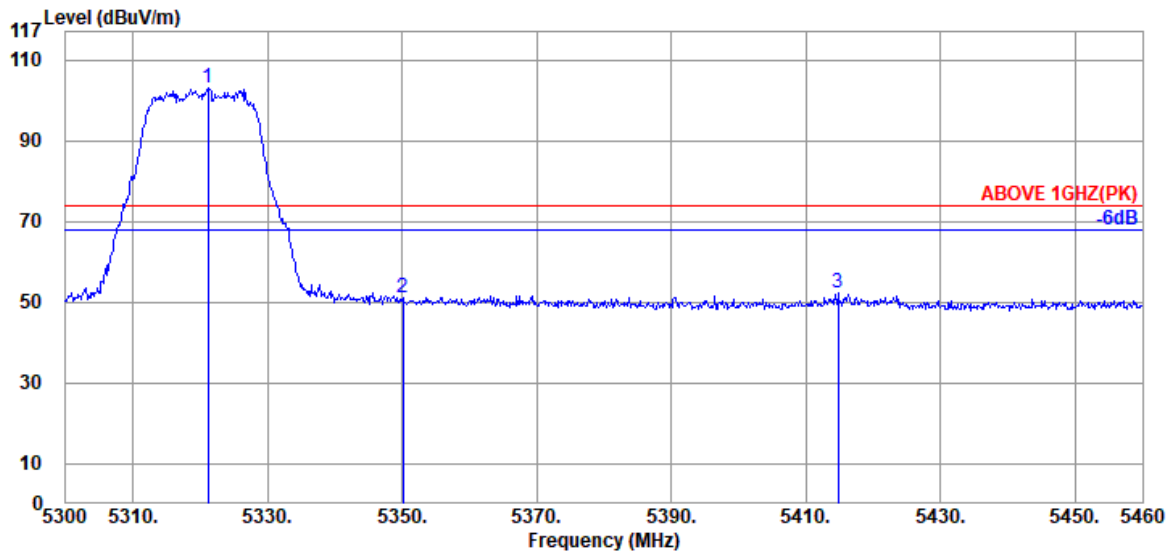


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5148.300                 | 34.20                 | 10.70           | 34.35                  | 28.06             | 38.61                   | 54.00           | 15.39       | Average  |
| 5150.000                 | 34.20                 | 10.70           | 34.35                  | 27.96             | 38.51                   | 54.00           | 15.49       | Average  |
| @ 5179.500               | 34.20                 | 10.72           | 34.34                  | 76.49             | 87.07                   | ---             | ---         | Average  |

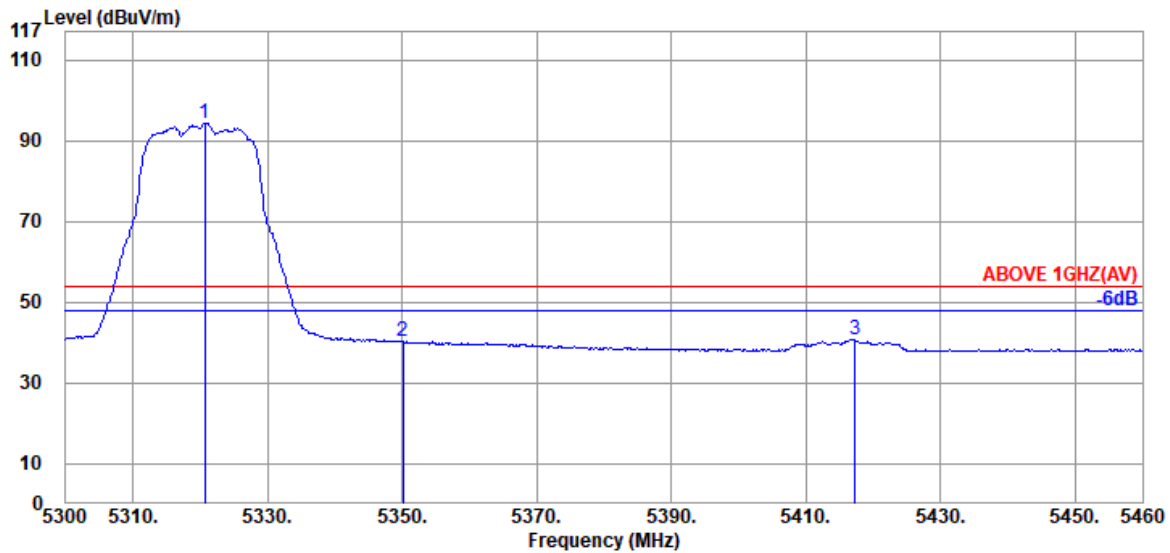
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11a      | Frequency  | TX 5320MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5321.120               | 34.53                 | 10.81           | 34.29            | 91.86             | 102.91                  | ---             | ---         | Peak     |
| 5350.080                 | 34.60                 | 10.83           | 34.27            | 39.83             | 50.99                   | 74.00           | 23.01       | Peak     |
| 5414.720                 | 34.65                 | 10.87           | 34.26            | 40.88             | 52.14                   | 74.00           | 21.86       | Peak     |

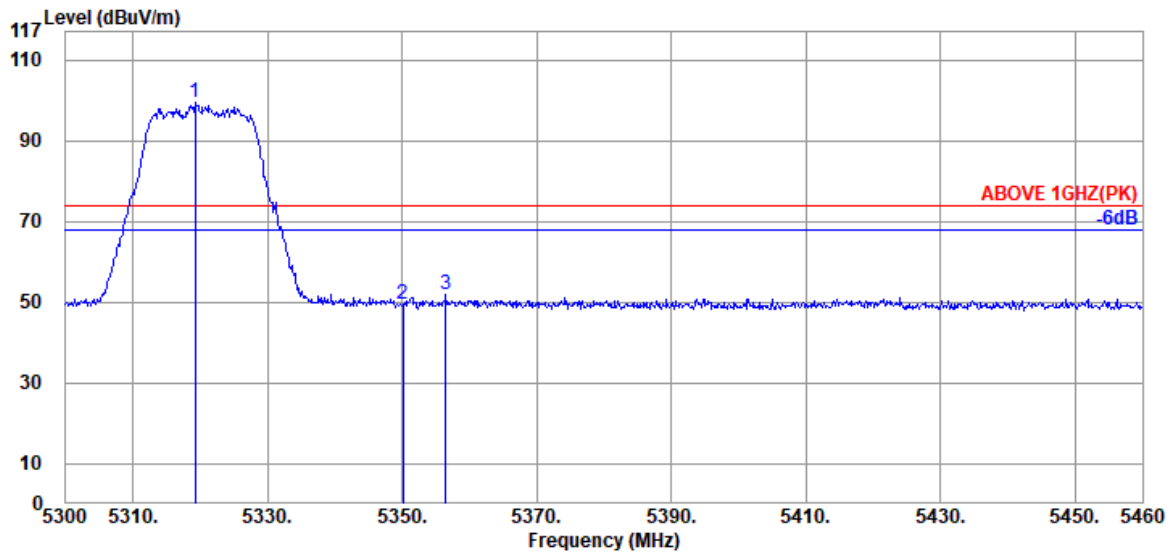


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5320.640               | 34.53                 | 10.81           | 34.29            | 83.33             | 94.38                   | ---             | ---         | Average  |
| 5350.080                 | 34.60                 | 10.83           | 34.27            | 29.15             | 40.31                   | 54.00           | 13.69       | Average  |
| 5417.280                 | 34.60                 | 10.87           | 34.26            | 29.59             | 40.80                   | 54.00           | 13.20       | Average  |

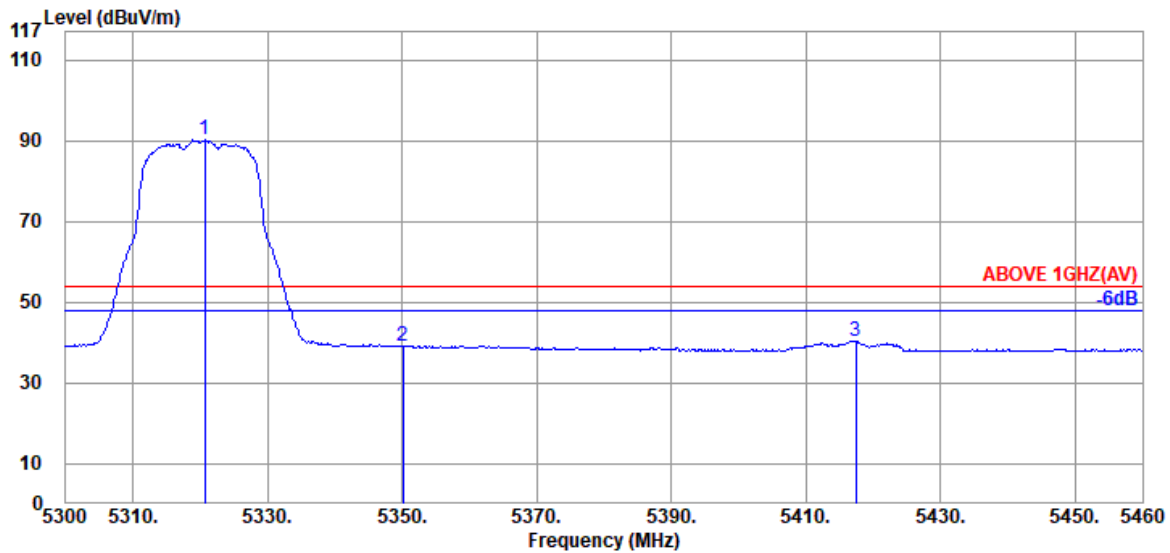
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11a      | Frequency  | TX 5320MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5319.200               | 34.53                 | 10.81           | 34.29                  | 88.33             | 99.38                   | ---             | ---         | Peak     |
| 5350.080                 | 34.60                 | 10.83           | 34.27                  | 38.34             | 49.50                   | 74.00           | 24.50       | Peak     |
| 5356.480                 | 34.63                 | 10.85           | 34.27                  | 40.54             | 51.75                   | 74.00           | 22.25       | Peak     |

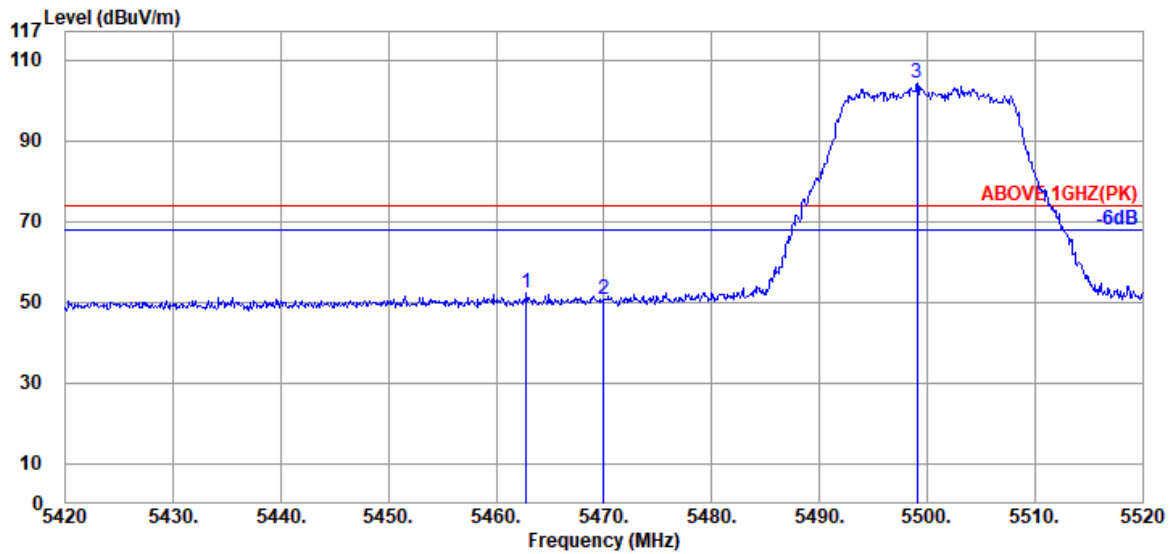


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5320.640               | 34.53                 | 10.81           | 34.29                  | 79.08             | 90.13                   | ---             | ---         | Average  |
| 5350.080                 | 34.60                 | 10.83           | 34.27                  | 27.86             | 39.02                   | 54.00           | 14.98       | Average  |
| 5417.440                 | 34.60                 | 10.87           | 34.26                  | 29.21             | 40.42                   | 54.00           | 13.58       | Average  |

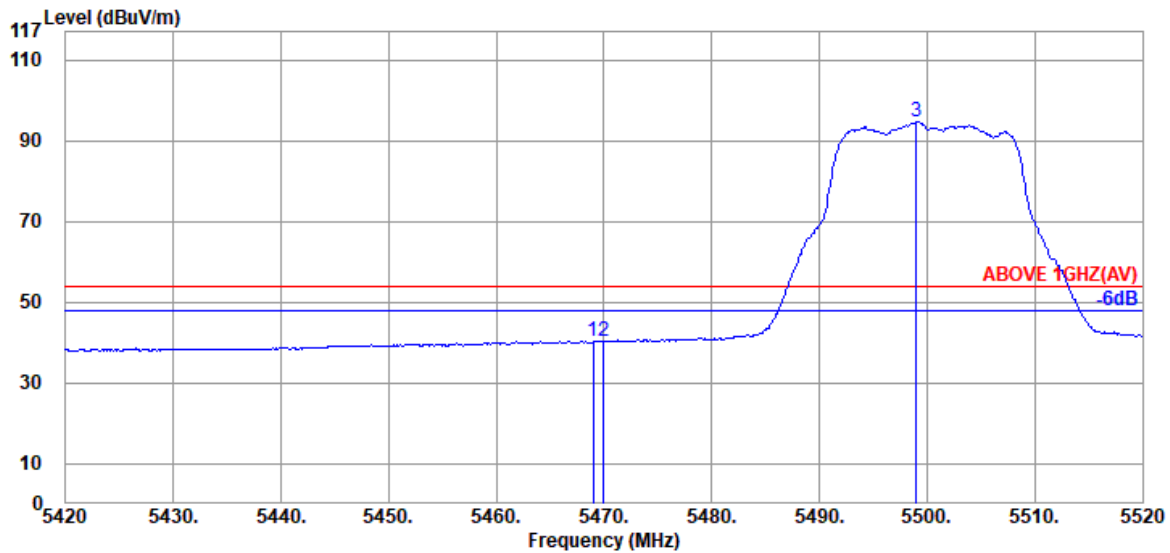
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11a      | Frequency  | TX 5500MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5462.800                 | 34.50                 | 10.91           | 34.24                  | 41.28             | 52.45                   | 74.00           | 21.55       | Peak     |
| 5470.000                 | 34.47                 | 10.91           | 34.24                  | 39.67             | 50.81                   | 74.00           | 23.19       | Peak     |
| @ 5499.100               | 34.40                 | 10.93           | 34.23                  | 92.99             | 104.09                  | ---             | ---         | Peak     |

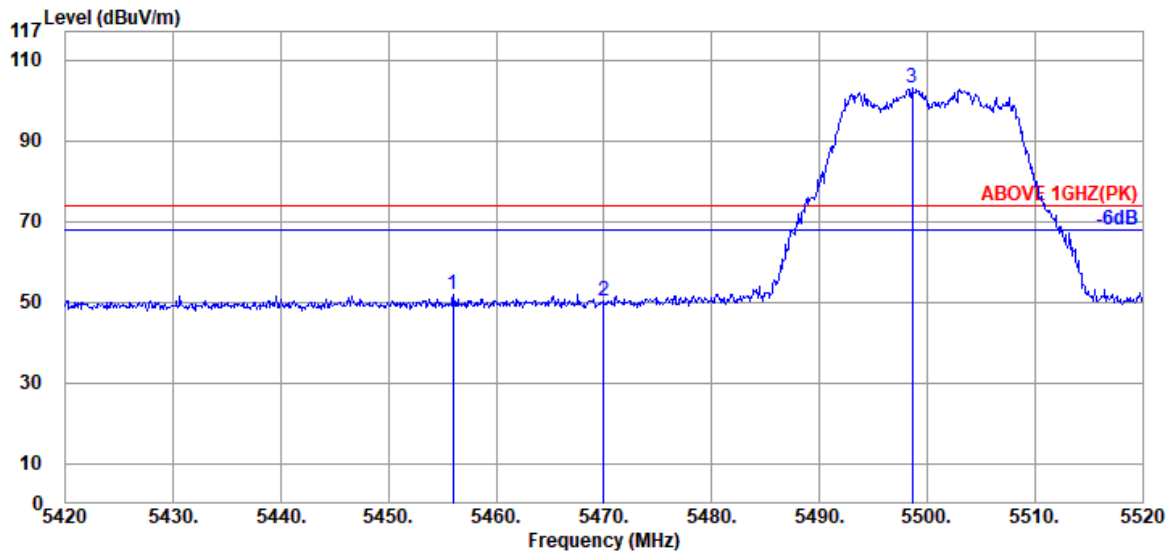


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5469.000                 | 34.47                 | 10.91           | 34.24                  | 29.12             | 40.26                   | 54.00           | 13.74       | Average  |
| 5470.000                 | 34.47                 | 10.91           | 34.24                  | 29.31             | 40.45                   | 54.00           | 13.55       | Average  |
| @ 5499.000               | 34.40                 | 10.93           | 34.23                  | 83.71             | 94.81                   | ---             | ---         | Average  |

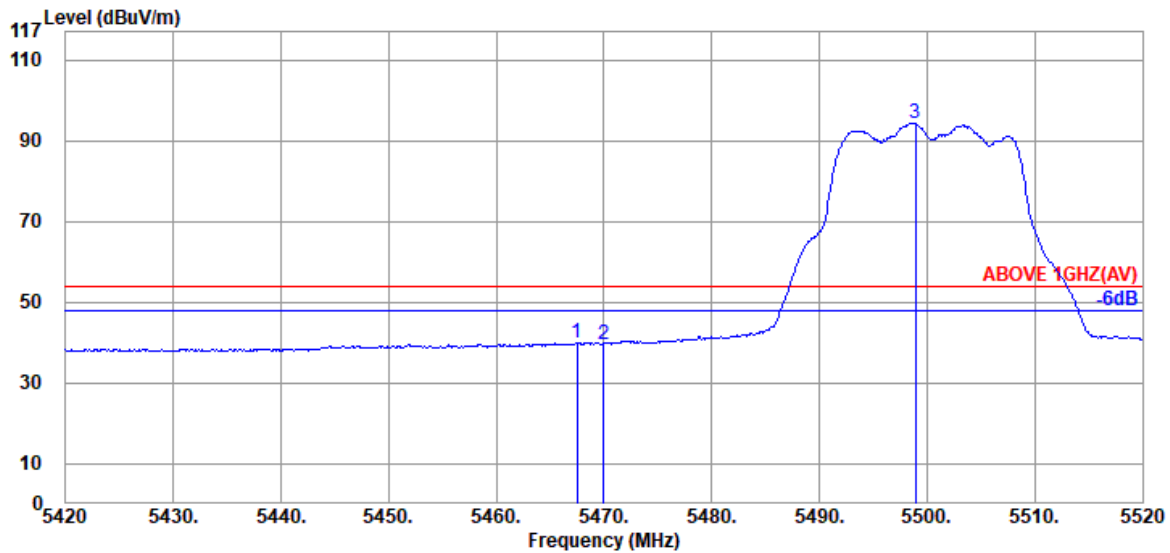
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11a      | Frequency  | TX 5500MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5456.000                 | 34.50                 | 10.89           | 34.24                  | 40.61             | 51.76                   | 74.00           | 22.24       | Peak     |
| 5470.000                 | 34.47                 | 10.91           | 34.24                  | 38.98             | 50.12                   | 74.00           | 23.88       | Peak     |
| @ 5498.600               | 34.40                 | 10.93           | 34.23                  | 91.77             | 102.87                  | ---             | ---         | Peak     |

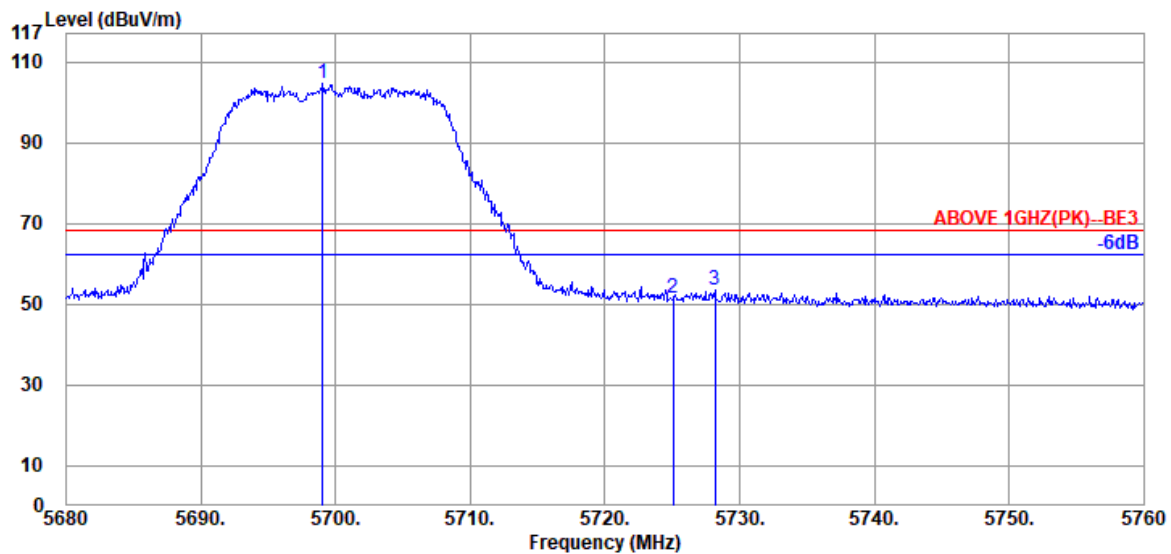


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5467.500                 | 34.47                 | 10.91           | 34.24                  | 28.86             | 40.00                   | 54.00           | 14.00       | Average  |
| 5470.000                 | 34.47                 | 10.91           | 34.24                  | 28.58             | 39.72                   | 54.00           | 14.28       | Average  |
| @ 5498.900               | 34.40                 | 10.93           | 34.23                  | 83.32             | 94.42                   | ---             | ---         | Average  |

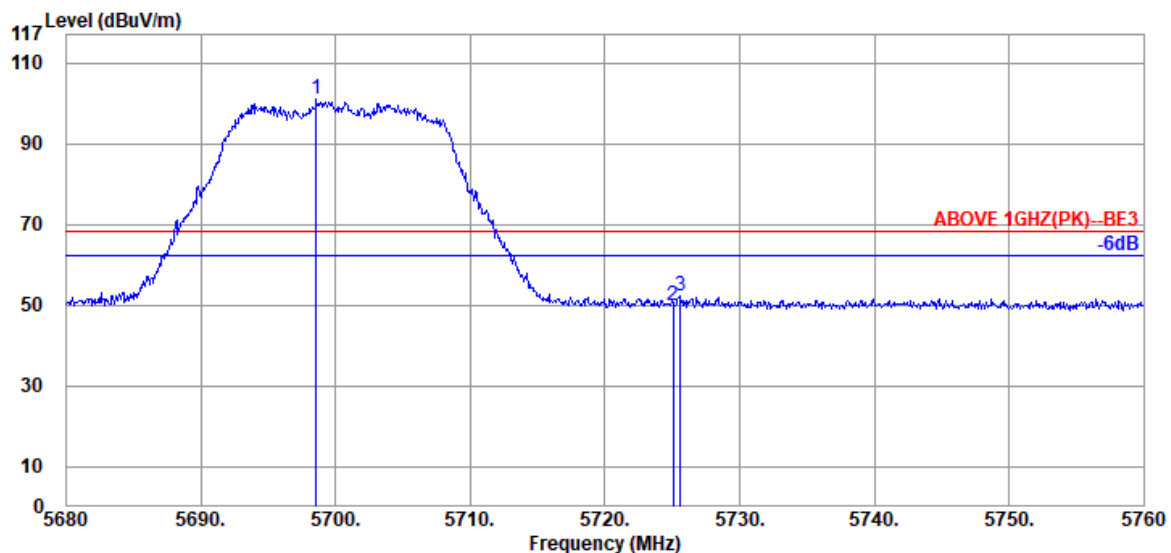
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11a      | Frequency  | TX 5700MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5699.040               | 34.40                 | 11.03           | 34.31            | 93.47             | 104.59                  | ---             | ---         | Peak     |
| 5725.040                 | 34.67                 | 11.05           | 34.32            | 40.28             | 51.68                   | 68.20           | 16.52       | Peak     |
| 5728.160                 | 34.67                 | 11.05           | 34.32            | 41.93             | 53.33                   | 68.20           | 14.87       | Peak     |

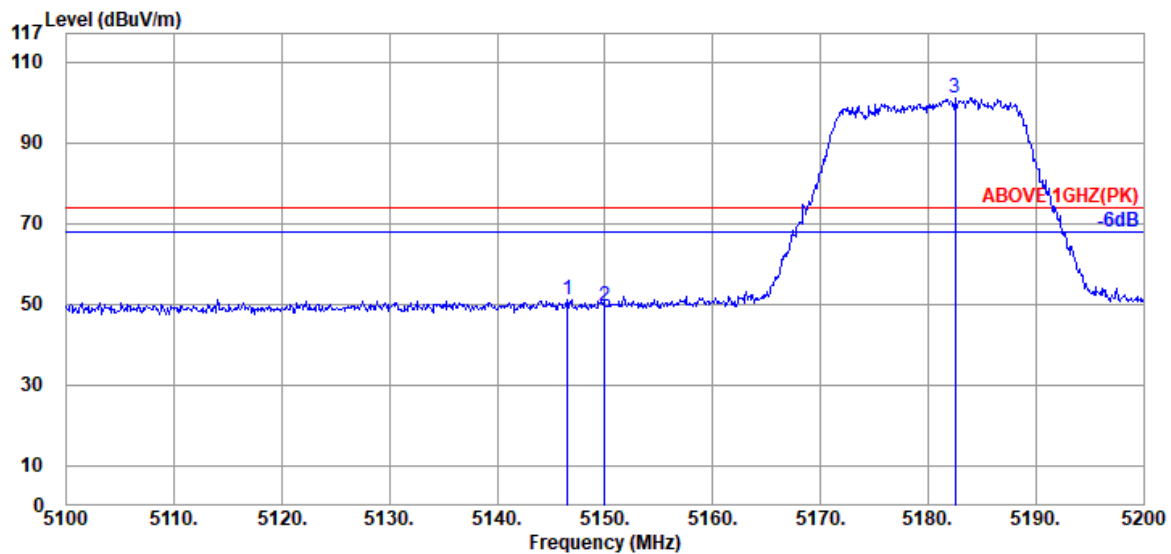


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5698.560               | 34.40                 | 11.03           | 34.31            | 89.87             | 100.99                  | ---             | ---         | Peak     |
| 5725.040                 | 34.67                 | 11.05           | 34.32            | 38.67             | 50.07                   | 68.20           | 18.13       | Peak     |
| 5725.600                 | 34.67                 | 11.05           | 34.32            | 40.80             | 52.20                   | 68.20           | 16.00       | Peak     |

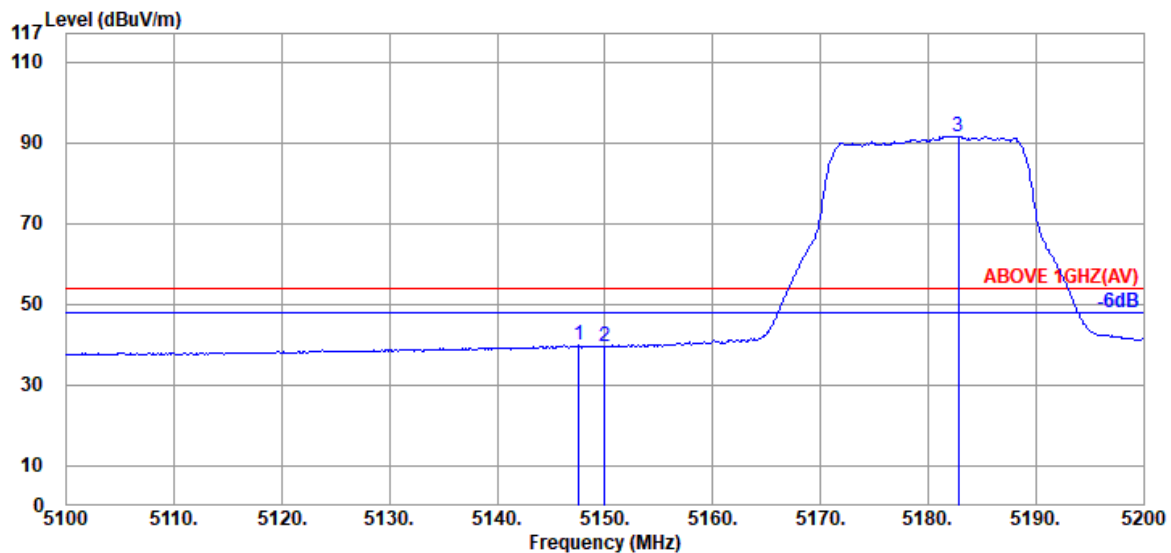
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11n-HT20 | Frequency  | TX 5180MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5146.500                 | 34.20                 | 10.70           | 34.35                  | 40.55             | 51.10                   | 74.00           | 22.90       | Peak     |
| 5150.000                 | 34.20                 | 10.70           | 34.35                  | 38.98             | 49.53                   | 74.00           | 24.47       | Peak     |
| @ 5182.500               | 34.20                 | 10.72           | 34.34                  | 90.64             | 101.22                  | ---             | ---         | Peak     |

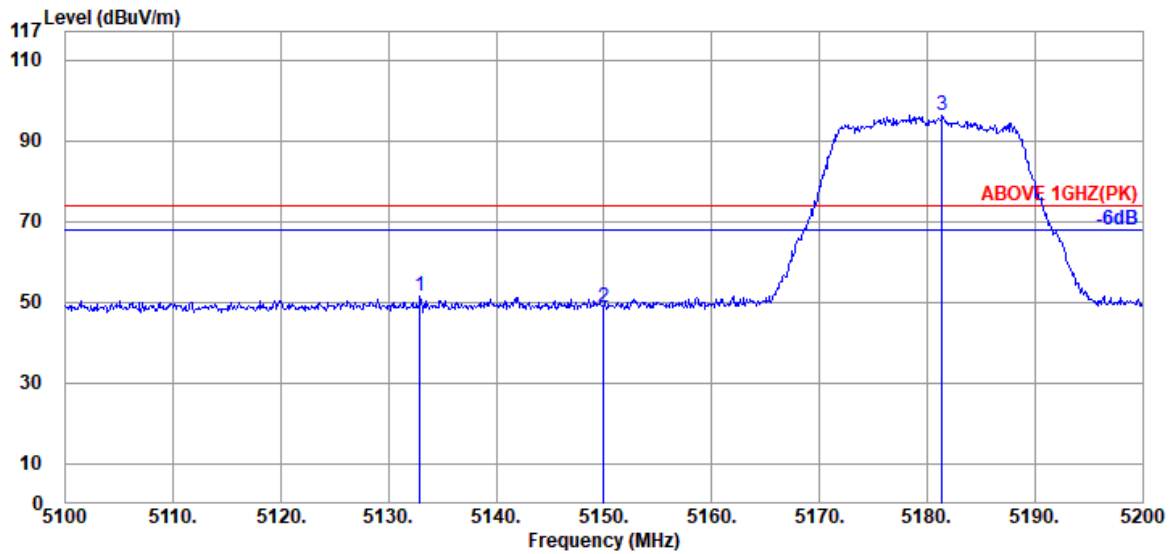


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5147.600                 | 34.20                 | 10.70           | 34.35                  | 29.21             | 39.76                   | 54.00           | 14.24       | Average  |
| 5150.000                 | 34.20                 | 10.70           | 34.35                  | 28.96             | 39.51                   | 54.00           | 14.49       | Average  |
| @ 5182.800               | 34.20                 | 10.72           | 34.34                  | 81.01             | 91.59                   | ---             | ---         | Average  |

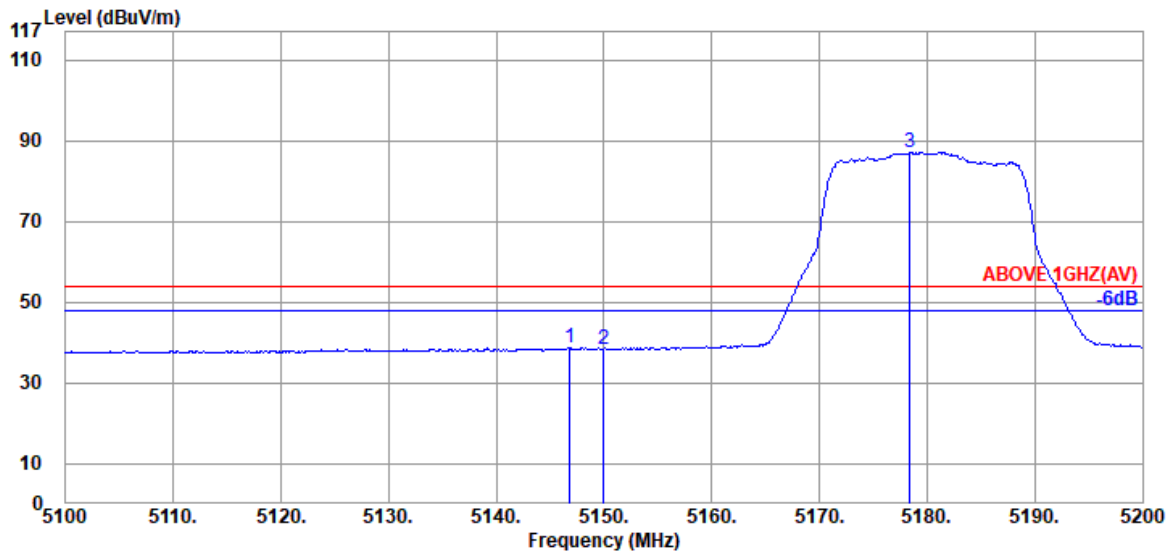
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11n-HT20 | Frequency  | TX 5180MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5132.900                 | 34.17                 | 10.70           | 34.36                  | 41.04             | 51.55                   | 74.00           | 22.45       | Peak     |
| 5150.000                 | 34.20                 | 10.70           | 34.35                  | 38.07             | 48.62                   | 74.00           | 25.38       | Peak     |
| @ 5181.400               | 34.20                 | 10.72           | 34.34                  | 85.74             | 96.32                   | ---             | ---         | Peak     |

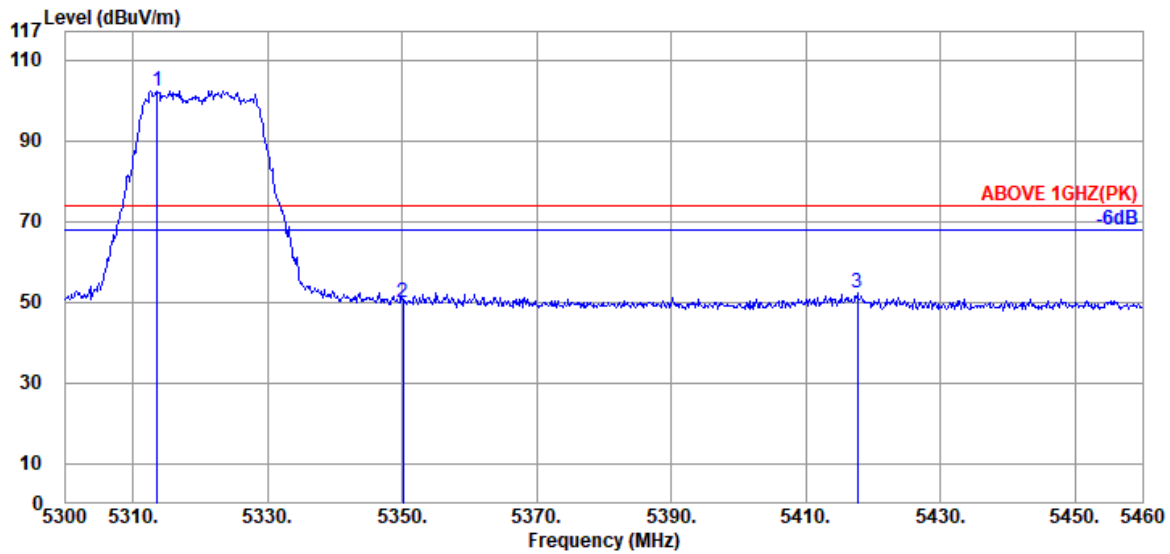


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5146.800                 | 34.20                 | 10.70           | 34.35                  | 28.23             | 38.78                   | 54.00           | 15.22       | Average  |
| 5150.000                 | 34.20                 | 10.70           | 34.35                  | 27.84             | 38.39                   | 54.00           | 15.61       | Average  |
| @ 5178.400               | 34.20                 | 10.72           | 34.34                  | 76.54             | 87.12                   | ---             | ---         | Average  |

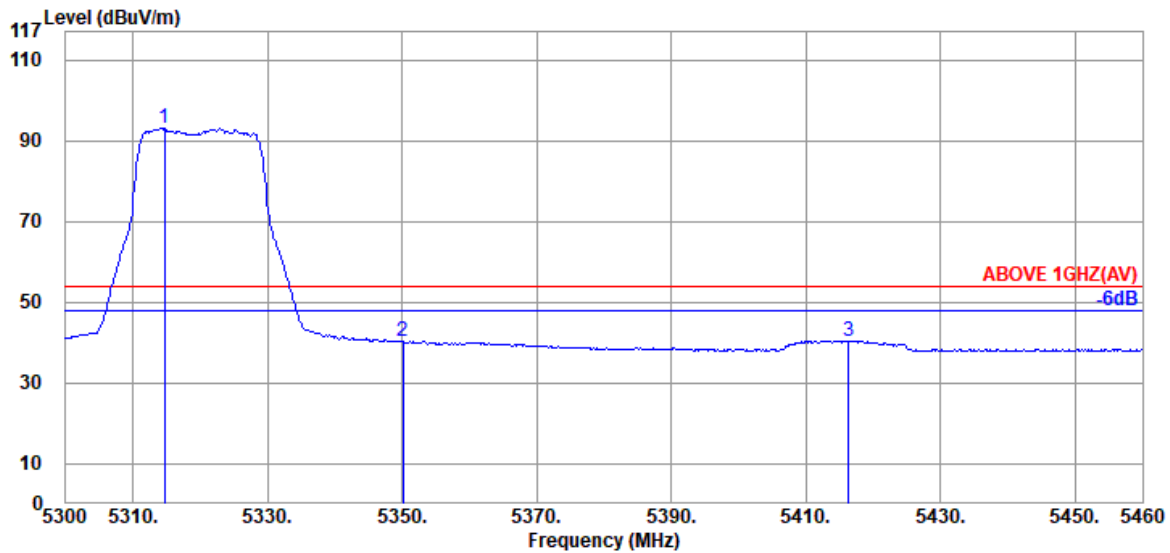
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11n-HT20 | Frequency  | TX 5320MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5313.600               | 34.53                 | 10.81           | 34.29                  | 91.37             | 102.42                  | ---             | ---         | Peak     |
| 5350.080                 | 34.60                 | 10.83           | 34.27                  | 38.95             | 50.11                   | 74.00           | 23.89       | Peak     |
| 5417.600                 | 34.60                 | 10.87           | 34.26                  | 41.11             | 52.32                   | 74.00           | 21.68       | Peak     |

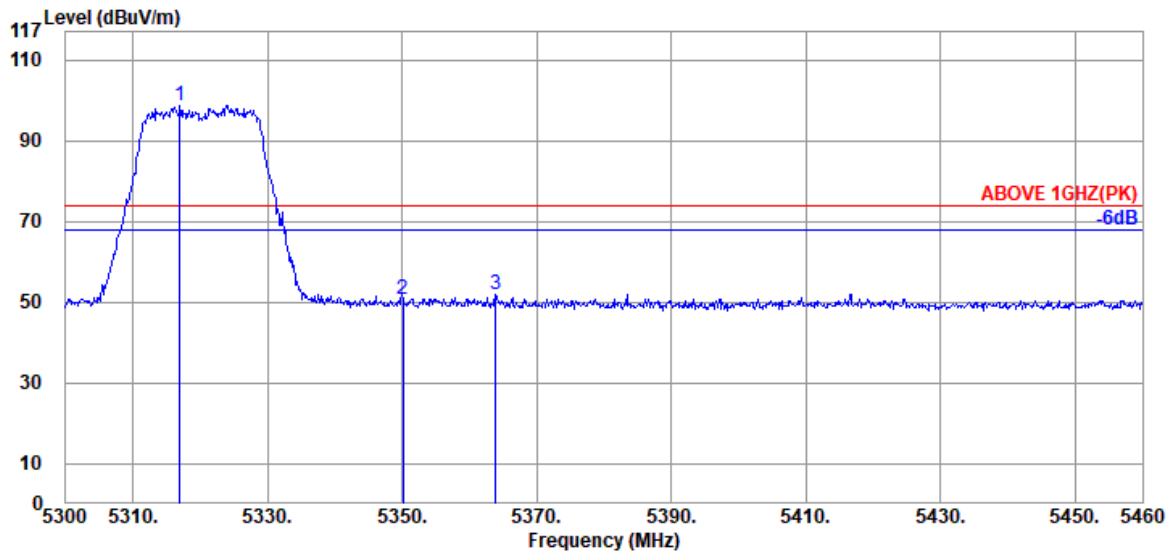


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5314.720               | 34.53                 | 10.81           | 34.29                  | 81.93             | 92.98                   | ---             | ---         | Average  |
| 5350.080                 | 34.60                 | 10.83           | 34.27                  | 28.98             | 40.14                   | 54.00           | 13.86       | Average  |
| 5416.320                 | 34.65                 | 10.87           | 34.26                  | 29.25             | 40.51                   | 54.00           | 13.49       | Average  |

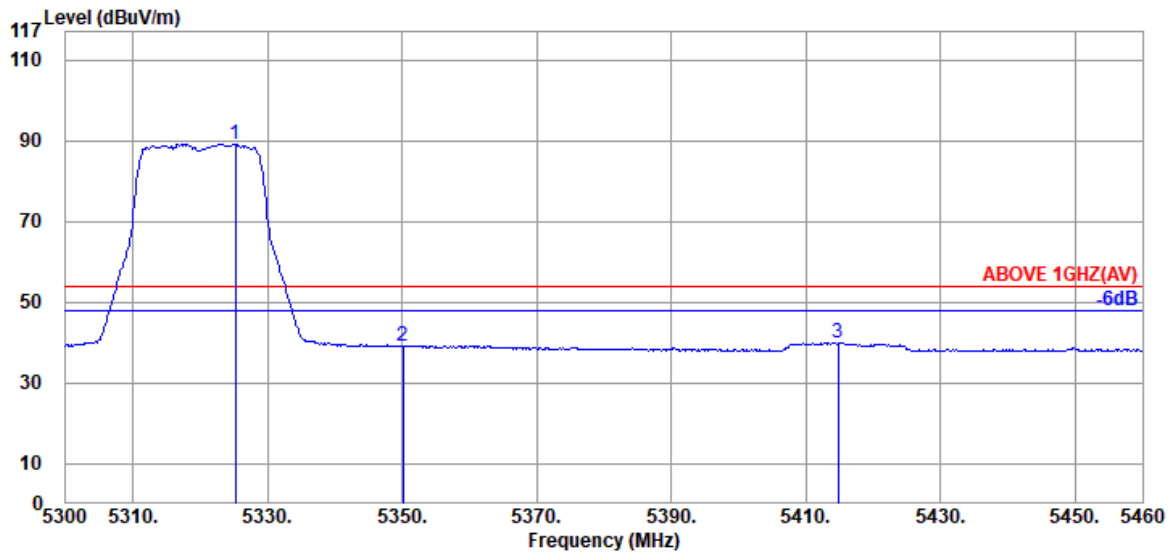
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11n-HT20 | Frequency  | TX 5320MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5316.960               | 34.53                 | 10.81           | 34.29                  | 87.65             | 98.70                   | ---             | ---         | Peak     |
| 5350.080                 | 34.60                 | 10.83           | 34.27                  | 39.41             | 50.57                   | 74.00           | 23.43       | Peak     |
| 5363.840                 | 34.63                 | 10.85           | 34.27                  | 40.66             | 51.87                   | 74.00           | 22.13       | Peak     |

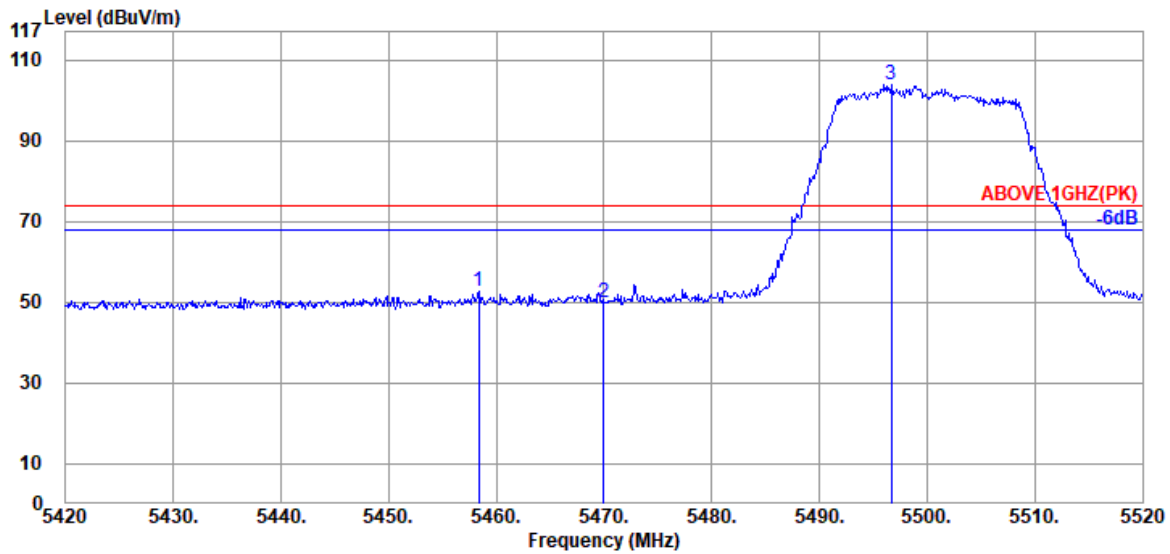


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5325.280               | 34.57                 | 10.83           | 34.28                  | 78.09             | 89.21                   | ---             | ---         | Average  |
| 5350.080                 | 34.60                 | 10.83           | 34.27                  | 28.09             | 39.25                   | 54.00           | 14.75       | Average  |
| 5414.720                 | 34.65                 | 10.87           | 34.26                  | 28.83             | 40.09                   | 54.00           | 13.91       | Average  |

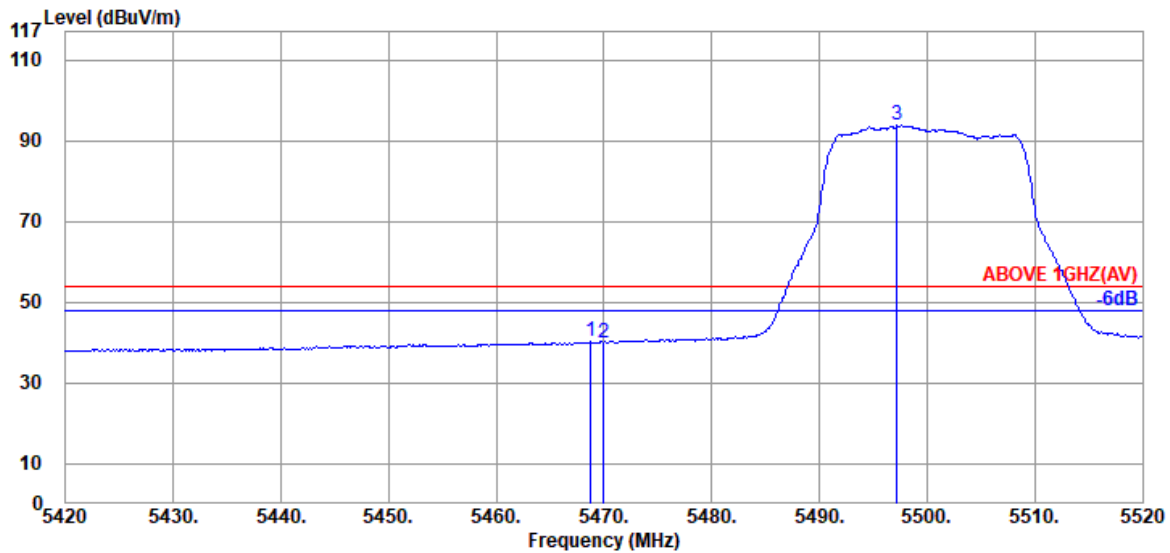
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11n-HT20 | Frequency  | TX 5500MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5458.400                 | 34.50                 | 10.89           | 34.24                  | 41.60             | 52.75                   | 74.00           | 21.25       | Peak     |
| 5470.000                 | 34.47                 | 10.91           | 34.24                  | 38.71             | 49.85                   | 74.00           | 24.15       | Peak     |
| @ 5496.700               | 34.40                 | 10.93           | 34.23                  | 92.75             | 103.85                  | ---             | ---         | Peak     |

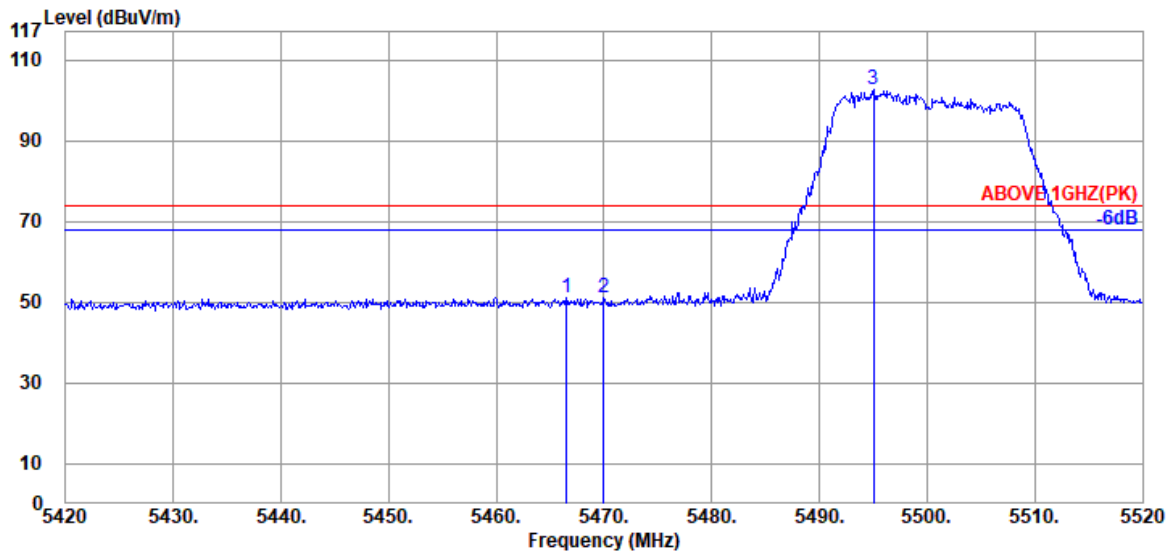


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.800                 | 34.47                 | 10.91           | 34.24                  | 29.02             | 40.16                   | 54.00           | 13.84       | Average  |
| 5470.000                 | 34.47                 | 10.91           | 34.24                  | 28.89             | 40.03                   | 54.00           | 13.97       | Average  |
| @ 5497.200               | 34.40                 | 10.93           | 34.23                  | 82.60             | 93.70                   | ---             | ---         | Average  |

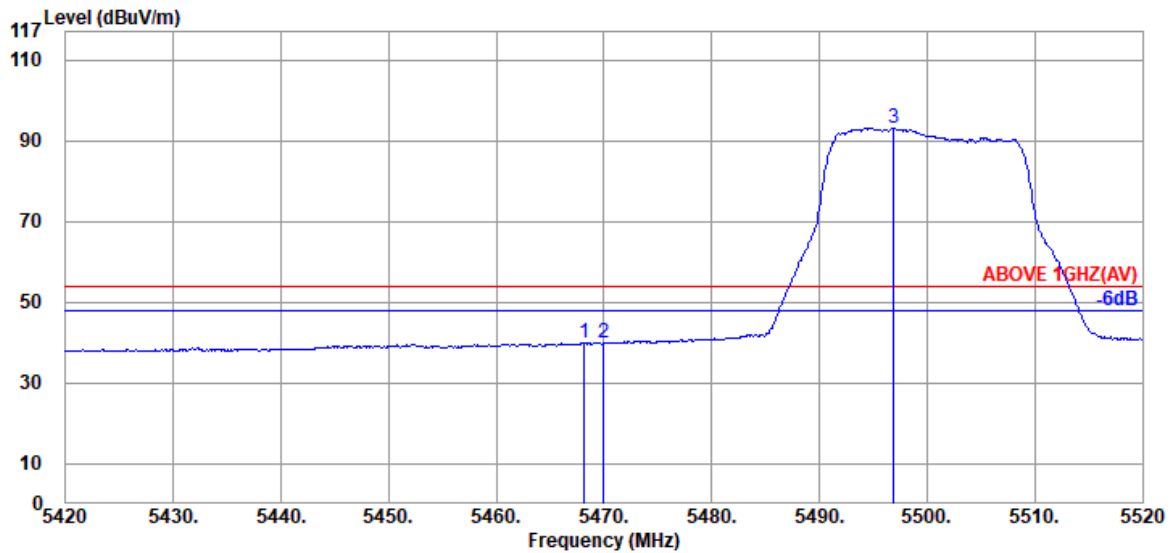
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11n-HT20 | Frequency  | TX 5500MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5466.500                 | 34.47                 | 10.91           | 34.24                  | 40.04             | 51.18                   | 74.00           | 22.82       | Peak     |
| 5470.000                 | 34.47                 | 10.91           | 34.24                  | 40.13             | 51.27                   | 74.00           | 22.73       | Peak     |
| @ 5495.000               | 34.43                 | 10.93           | 34.23                  | 91.46             | 102.59                  | ---             | ---         | Peak     |

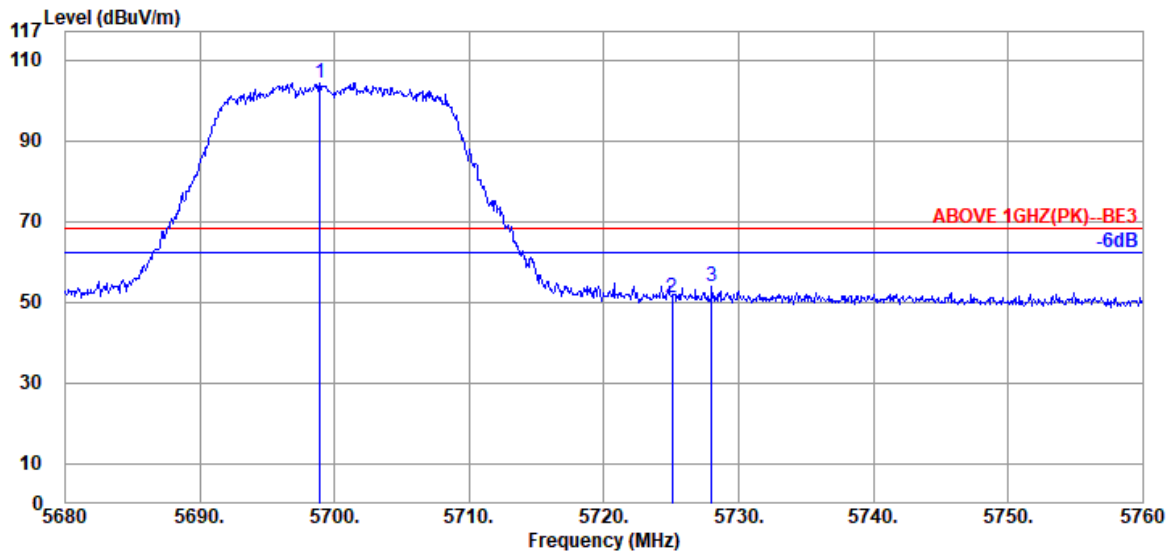


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.200                 | 34.47                 | 10.91           | 34.24                  | 28.93             | 40.07                   | 54.00           | 13.93       | Average  |
| 5470.000                 | 34.47                 | 10.91           | 34.24                  | 28.71             | 39.85                   | 54.00           | 14.15       | Average  |
| @ 5496.900               | 34.40                 | 10.93           | 34.23                  | 82.07             | 93.17                   | ---             | ---         | Average  |

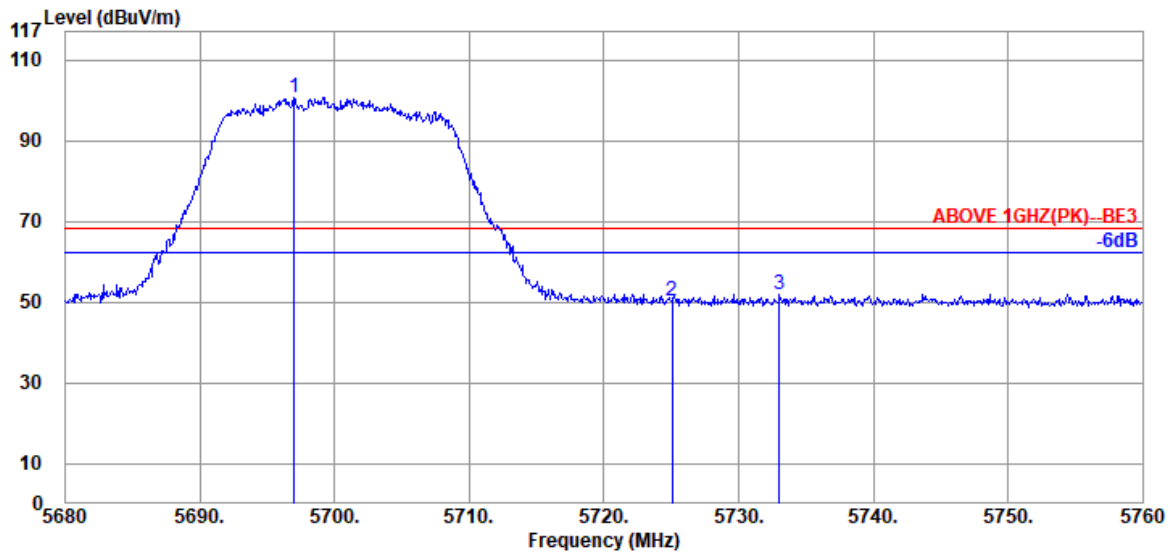
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11n-HT20 | Frequency  | TX 5700MHz |



Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5698.880                 | 34.40                 | 11.03           | 34.31            | 93.22             | 104.34                  | ---             | ---         | Peak     |
|   | 5725.040                 | 34.67                 | 11.05           | 34.32            | 39.79             | 51.19                   | 68.20           | 17.01       | Peak     |
|   | 5728.000                 | 34.67                 | 11.05           | 34.32            | 42.47             | 53.87                   | 68.20           | 14.33       | Peak     |

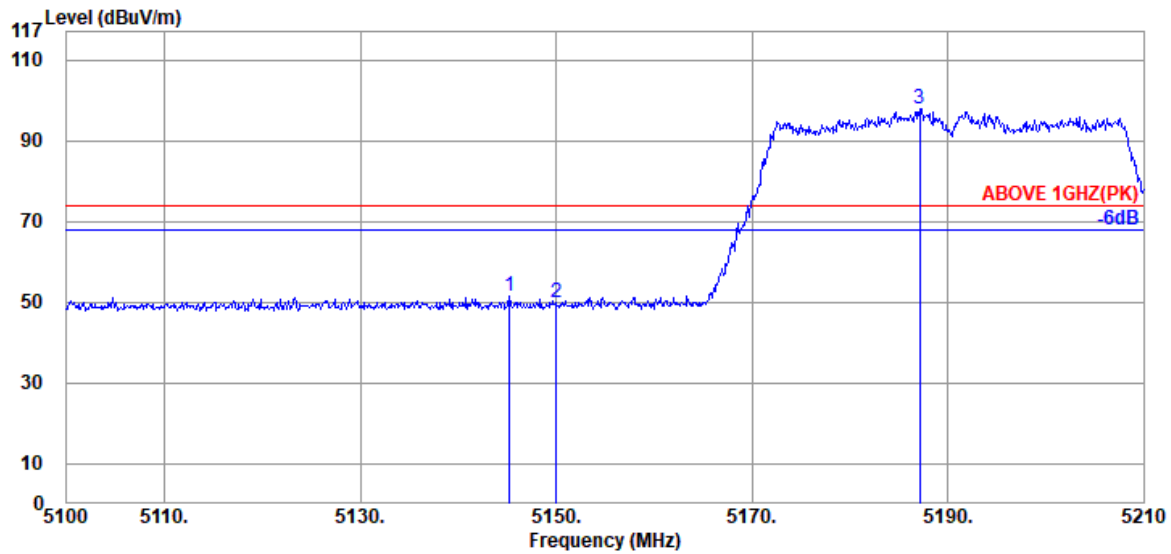


Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5696.960                 | 34.40                 | 11.03           | 34.31            | 89.65             | 100.77                  | ---             | ---         | Peak     |
|   | 5725.040                 | 34.67                 | 11.05           | 34.32            | 38.73             | 50.13                   | 68.20           | 18.07       | Peak     |
|   | 5733.040                 | 34.67                 | 11.05           | 34.33            | 40.50             | 51.89                   | 68.20           | 16.31       | Peak     |

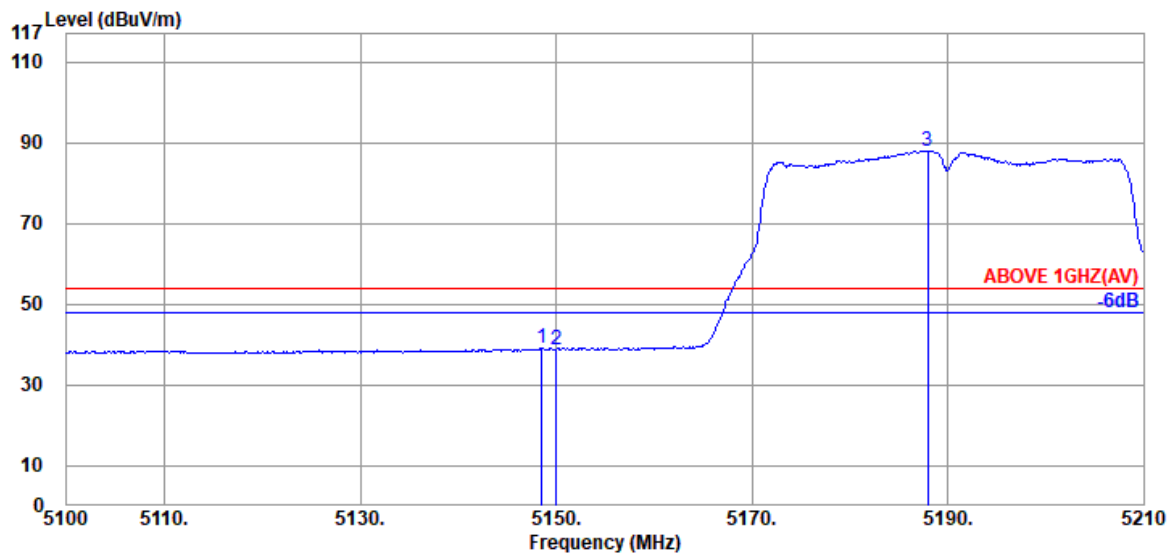
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11n-HT40 | Frequency  | TX 5190MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5145.210                 | 34.20                 | 10.70           | 34.35            | 40.82             | 51.37                   | 74.00           | 22.63       | Peak     |
| 5150.050                 | 34.20                 | 10.70           | 34.35            | 39.52             | 50.07                   | 74.00           | 23.93       | Peak     |
| @ 5187.120               | 34.20                 | 10.74           | 34.34            | 87.21             | 97.81                   | ---             | ---         | Peak     |

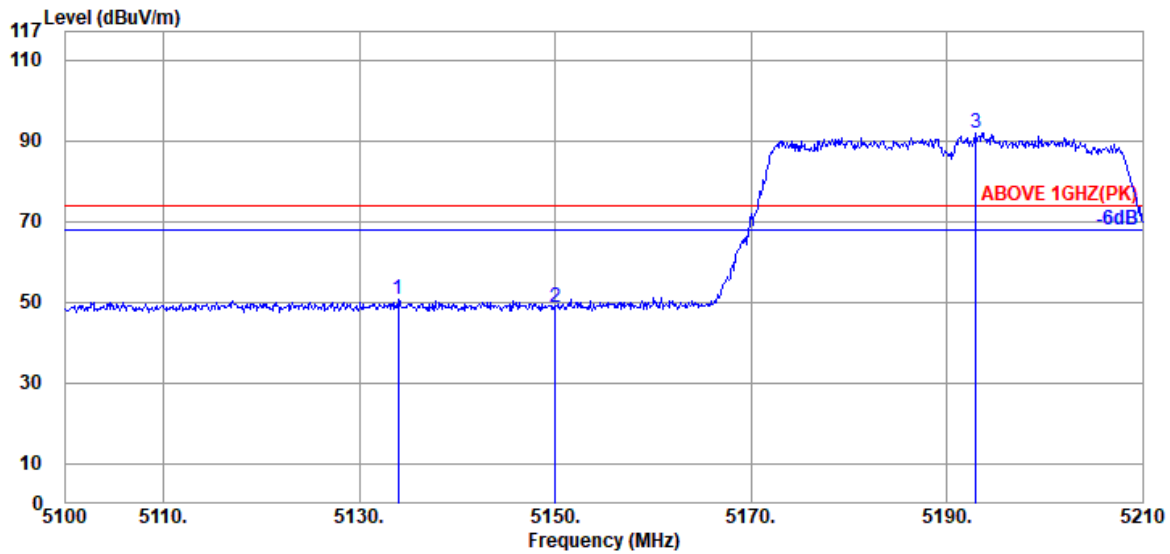


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5148.510                 | 34.20                 | 10.70           | 34.35            | 28.57             | 39.12                   | 54.00           | 14.88       | Average  |
| 5150.050                 | 34.20                 | 10.70           | 34.35            | 28.23             | 38.78                   | 54.00           | 15.22       | Average  |
| @ 5188.000               | 34.20                 | 10.74           | 34.34            | 77.43             | 88.03                   | ---             | ---         | Average  |

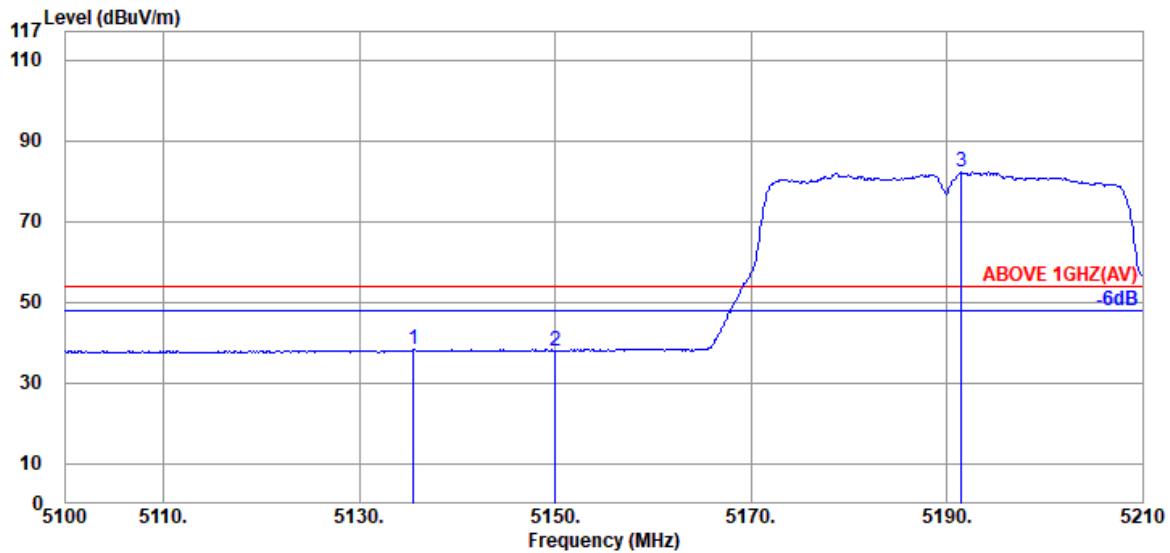
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | I          |
| Mode | 802.11n-HT40 | Frequency  | TX 5190MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5133.990                 | 34.17                 | 10.70           | 34.36                  | 40.10             | 50.61                   | 74.00           | 23.39       | Peak     |
| 5150.050                 | 34.20                 | 10.70           | 34.35                  | 38.13             | 48.68                   | 74.00           | 25.32       | Peak     |
| @ 5192.950               | 34.20                 | 10.74           | 34.34                  | 81.15             | 91.75                   | ---             | ---         | Peak     |

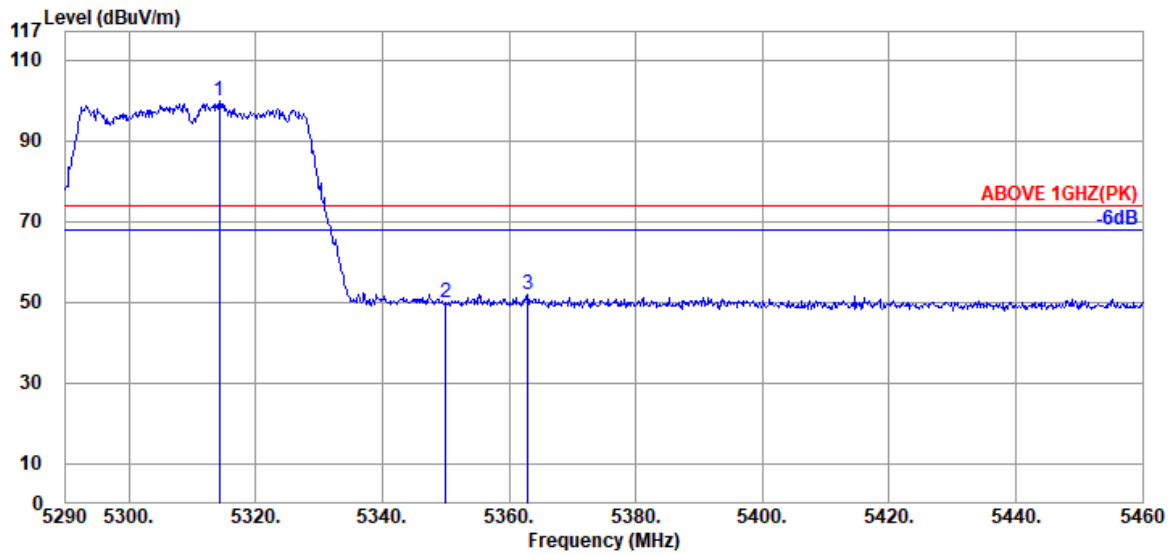


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5135.530                 | 34.17                 | 10.70           | 34.36                  | 27.73             | 38.24                   | 54.00           | 15.76       | Average  |
| 5150.050                 | 34.20                 | 10.70           | 34.35                  | 27.45             | 38.00                   | 54.00           | 16.00       | Average  |
| @ 5191.520               | 34.20                 | 10.74           | 34.34                  | 71.52             | 82.12                   | ---             | ---         | Average  |

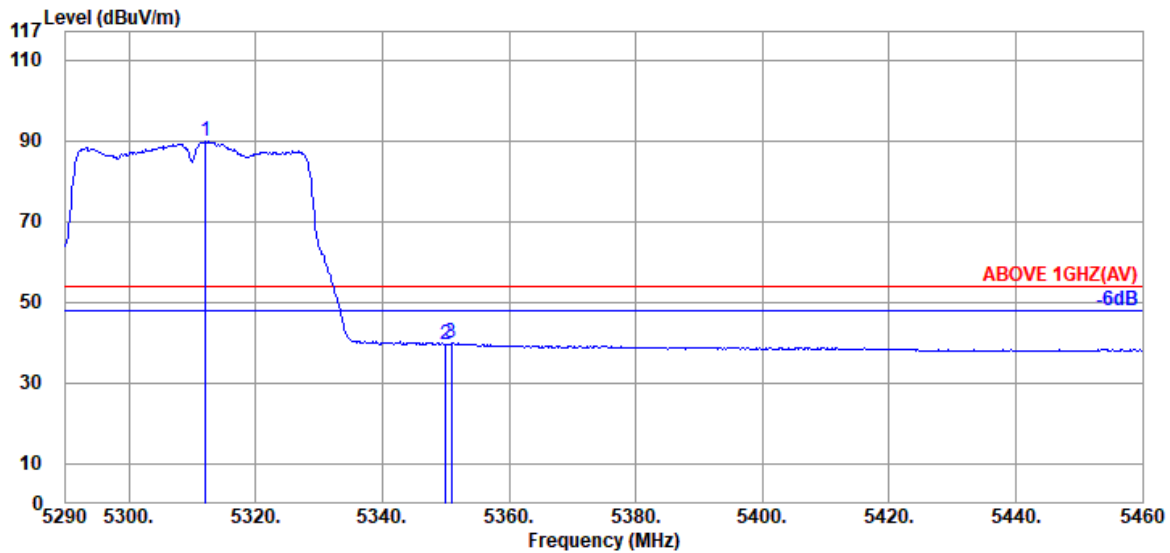
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11n-HT40 | Frequency  | TX 5310MHz |



Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5314.310                 | 34.53                 | 10.81           | 34.29                  | 88.72             | 99.77                   | ---             | ---         | Peak     |
|   | 5350.010                 | 34.60                 | 10.83           | 34.27                  | 38.85             | 50.01                   | 74.00           | 23.99       | Peak     |
|   | 5362.930                 | 34.63                 | 10.85           | 34.27                  | 40.78             | 51.99                   | 74.00           | 22.01       | Peak     |

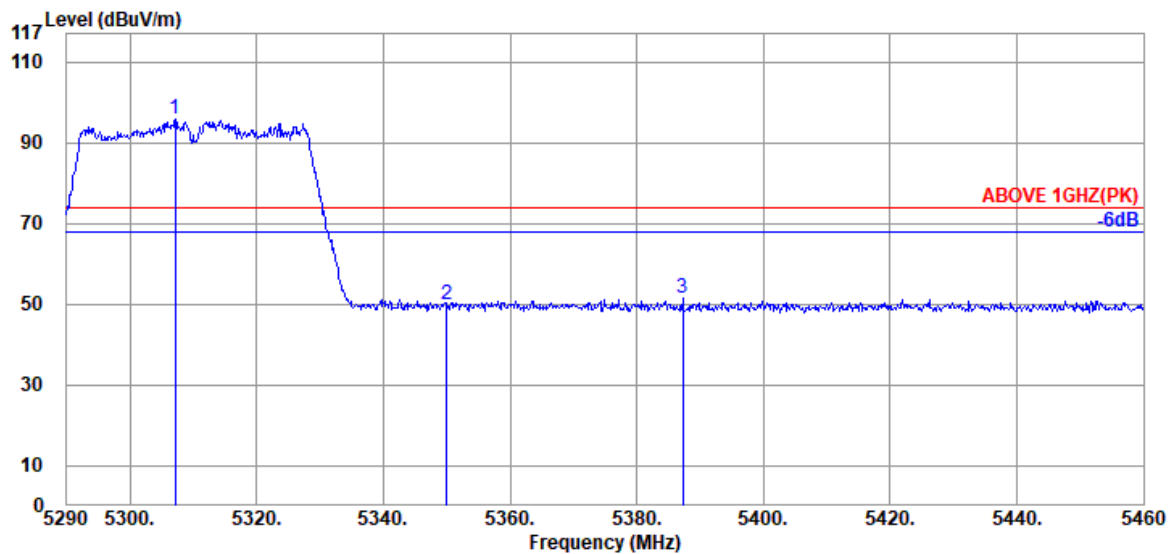


Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5312.100                 | 34.53                 | 10.81           | 34.29                  | 78.67             | 89.72                   | ---             | ---         | Average  |
|   | 5350.010                 | 34.60                 | 10.83           | 34.27                  | 28.40             | 39.56                   | 54.00           | 14.44       | Average  |
|   | 5350.860                 | 34.60                 | 10.83           | 34.27                  | 28.64             | 39.80                   | 54.00           | 14.20       | Average  |

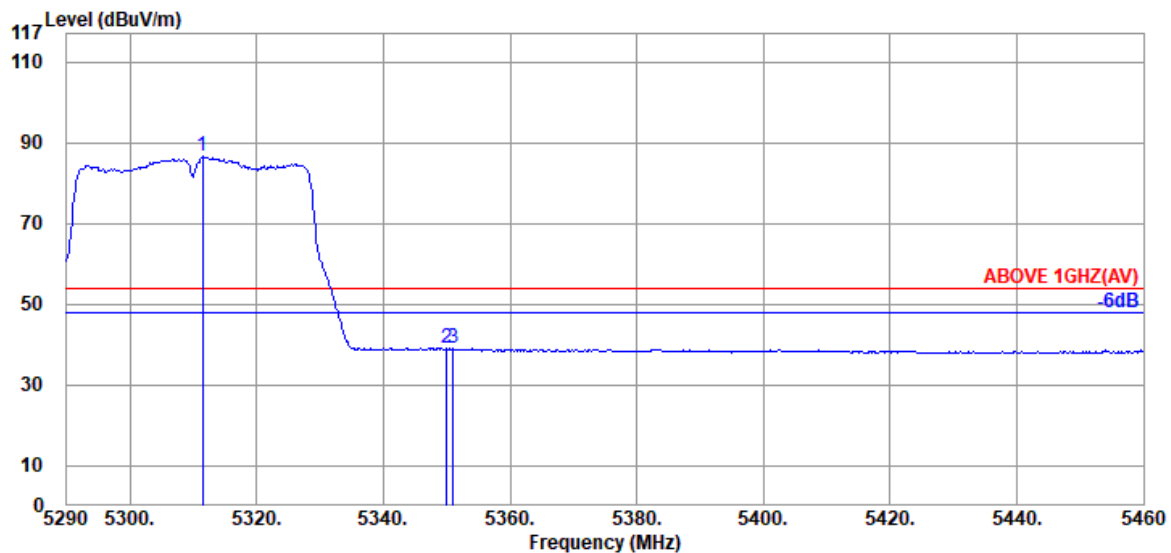
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | II         |
| Mode | 802.11n-HT40 | Frequency  | TX 5310MHz |



Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5307.170                 | 34.50                 | 10.81           | 34.29                  | 84.68             | 95.70                   | ---             | ---         | Peak     |
|   | 5350.010                 | 34.60                 | 10.83           | 34.27                  | 38.91             | 50.07                   | 74.00           | 23.93       | Peak     |
|   | 5387.240                 | 34.70                 | 10.85           | 34.27                  | 40.41             | 51.69                   | 74.00           | 22.31       | Peak     |

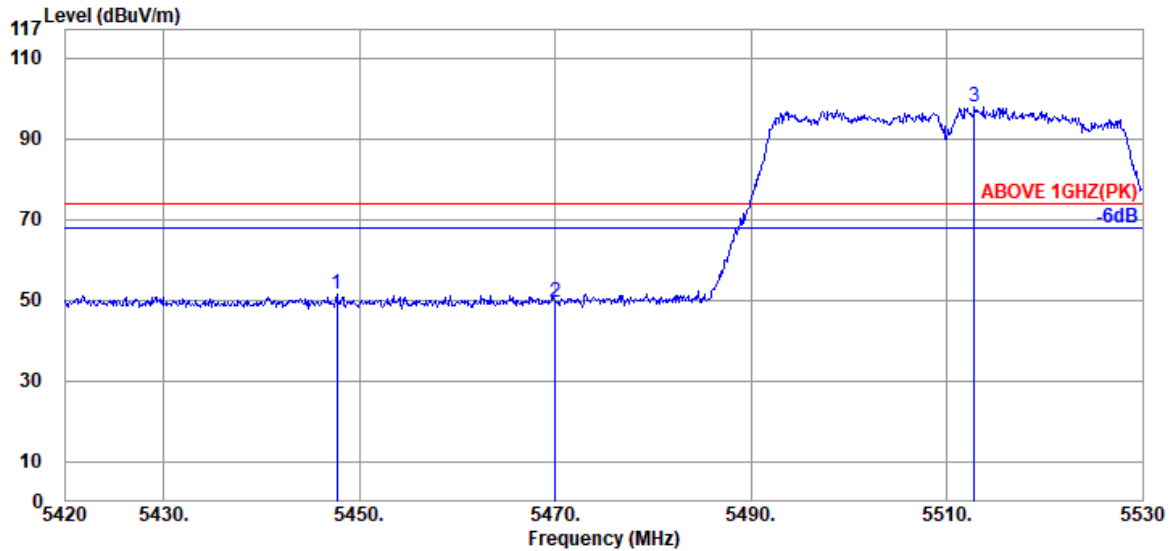


Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5311.420                 | 34.53                 | 10.81           | 34.29                  | 75.45             | 86.50                   | ---             | ---         | Average  |
|   | 5350.010                 | 34.60                 | 10.83           | 34.27                  | 27.83             | 38.99                   | 54.00           | 15.01       | Average  |
|   | 5351.030                 | 34.60                 | 10.83           | 34.27                  | 27.96             | 39.12                   | 54.00           | 14.88       | Average  |

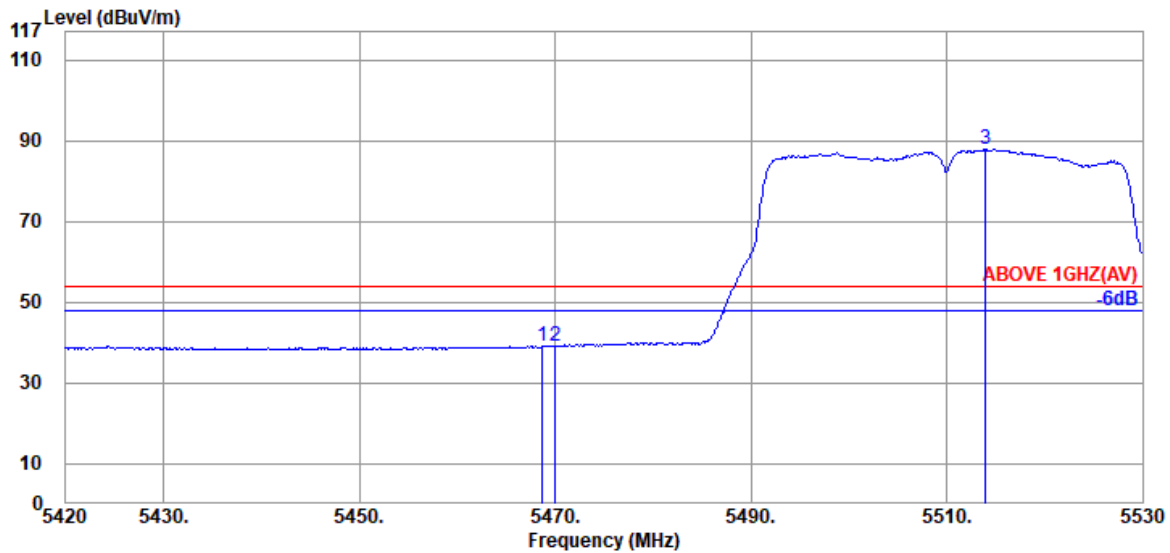
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11n-HT40 | Frequency  | TX 5510MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5447.720                 | 34.55                 | 10.89           | 34.25            | 40.16             | 51.35                   | 74.00           | 22.65       | Peak     |
| 5470.050                 | 34.47                 | 10.91           | 34.24            | 38.35             | 49.49                   | 74.00           | 24.51       | Peak     |
| @ 5512.840               | 34.37                 | 10.93           | 34.24            | 86.95             | 98.01                   | ---             | ---         | Peak     |

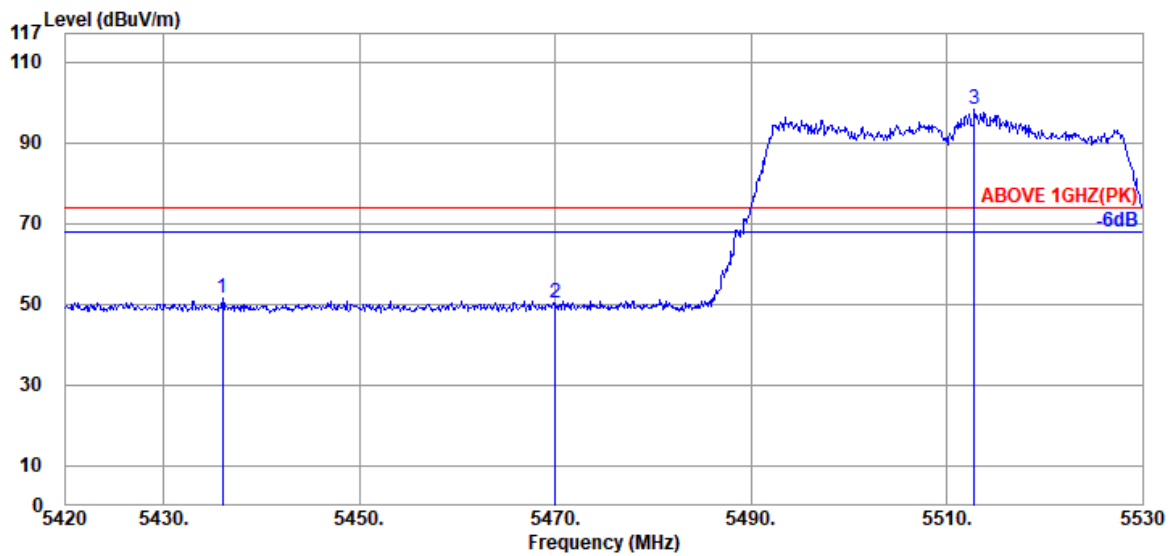


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.730                 | 34.47                 | 10.91           | 34.24            | 28.06             | 39.20                   | 54.00           | 14.80       | Average  |
| 5470.050                 | 34.47                 | 10.91           | 34.24            | 27.86             | 39.00                   | 54.00           | 15.00       | Average  |
| @ 5513.940               | 34.37                 | 10.93           | 34.24            | 76.94             | 88.00                   | ---             | ---         | Average  |

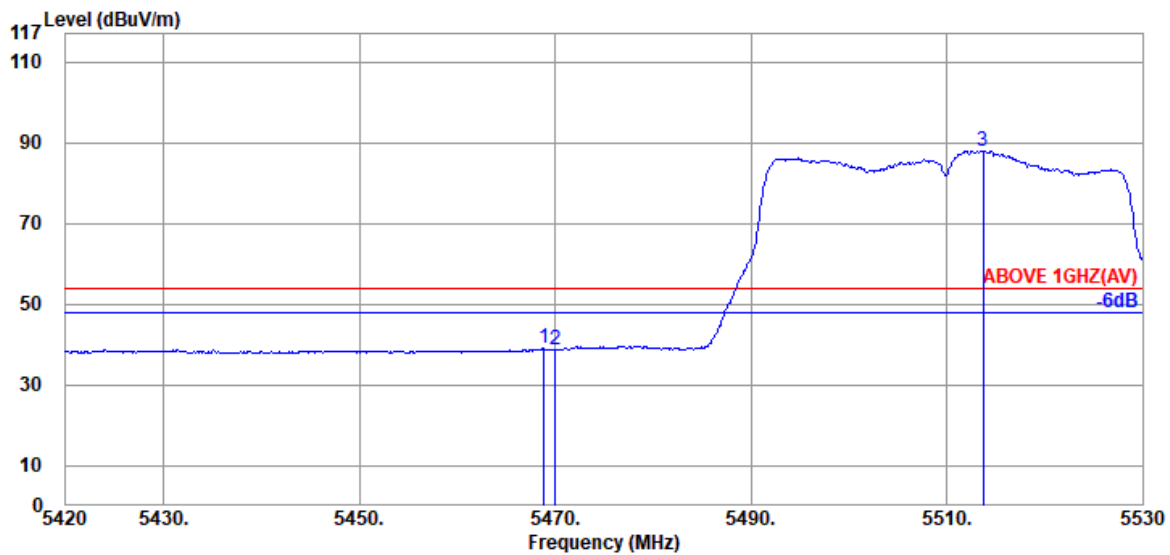
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11n-HT40 | Frequency  | TX 5510MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5436.060                 | 34.55                 | 10.89           | 34.25            | 40.12             | 51.31                   | 74.00           | 22.69       | Peak     |
| 5470.050                 | 34.47                 | 10.91           | 34.24            | 39.14             | 50.28                   | 74.00           | 23.72       | Peak     |
| @ 5512.840               | 34.37                 | 10.93           | 34.24            | 87.19             | 98.25                   | ---             | ---         | Peak     |

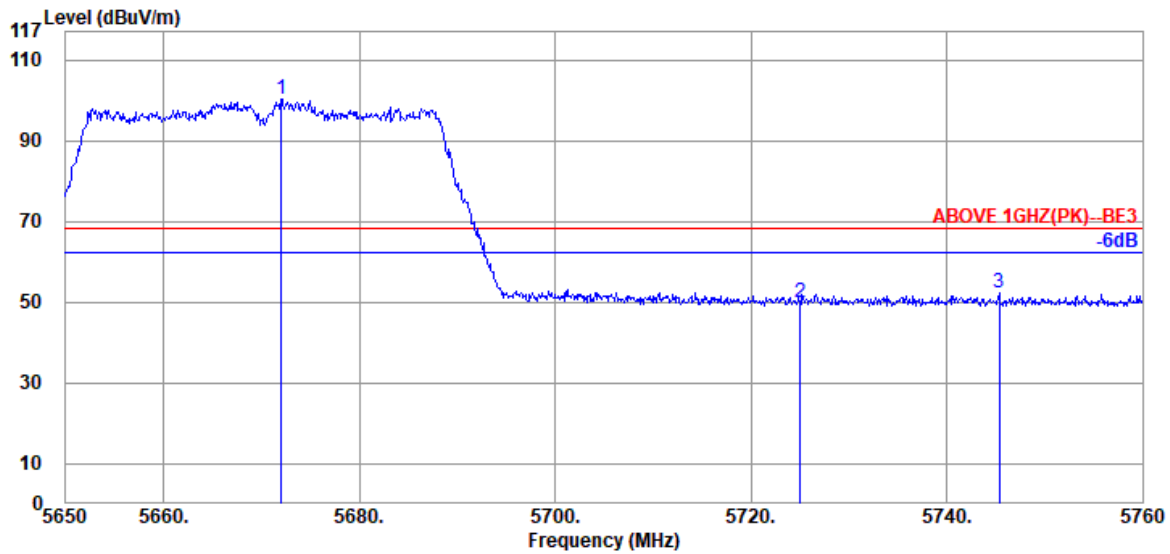


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.840                 | 34.47                 | 10.91           | 34.24            | 28.02             | 39.16                   | 54.00           | 14.84       | Average  |
| 5470.050                 | 34.47                 | 10.91           | 34.24            | 27.72             | 38.86                   | 54.00           | 15.14       | Average  |
| @ 5513.720               | 34.37                 | 10.93           | 34.24            | 76.75             | 87.81                   | 54.00           | ---         | Average  |

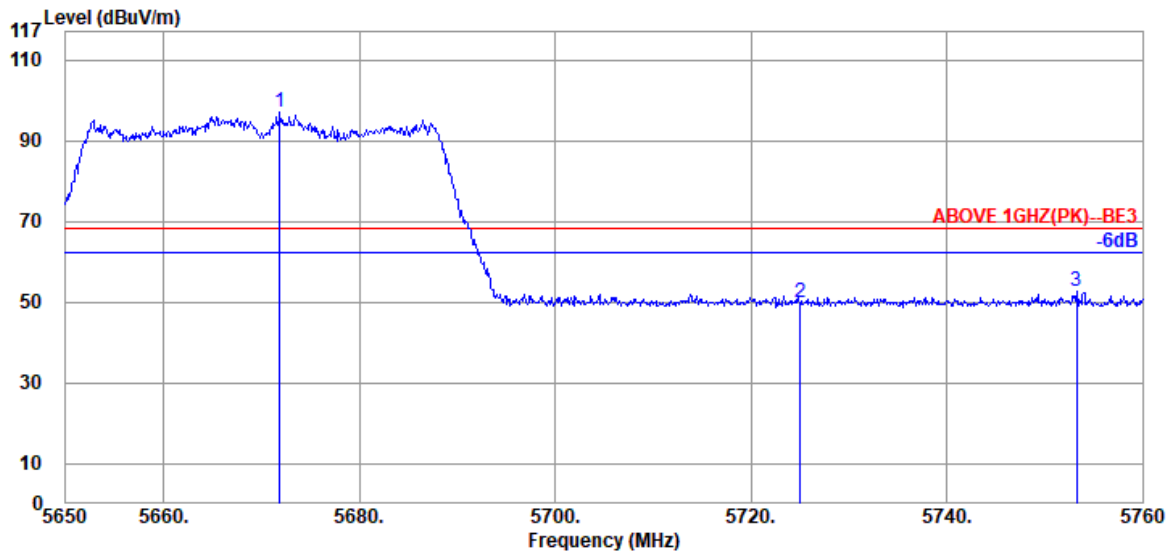
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | WM-BAC-AT-49 | U-NII Band | III        |
| Mode | 802.11n-HT40 | Frequency  | TX 5670MHz |



Antenna at Horizntal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5672.000                 | 34.40                 | 11.01           | 34.30                  | 89.10             | 100.21                  | ---             | ---         | Peak     |
|   | 5725.020                 | 34.67                 | 11.05           | 34.32                  | 38.41             | 49.81                   | 68.20           | 18.39       | Peak     |
|   | 5745.370                 | 34.80                 | 11.05           | 34.33                  | 40.94             | 52.46                   | 68.20           | 15.74       | Peak     |

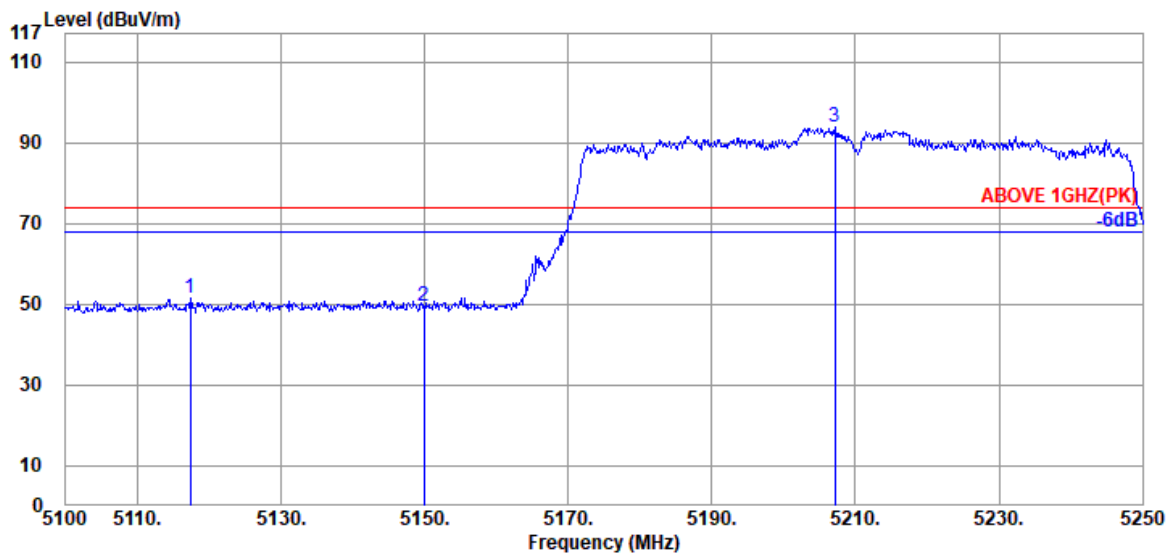


Antenna at Vertcial Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5671.890                 | 34.40                 | 11.01           | 34.30                  | 85.85             | 96.96                   | ---             | ---         | Peak     |
|   | 5725.020                 | 34.67                 | 11.05           | 34.32                  | 38.68             | 50.08                   | 68.20           | 18.12       | Peak     |
|   | 5753.290                 | 34.80                 | 11.06           | 34.33                  | 41.00             | 52.53                   | 68.20           | 15.67       | Peak     |

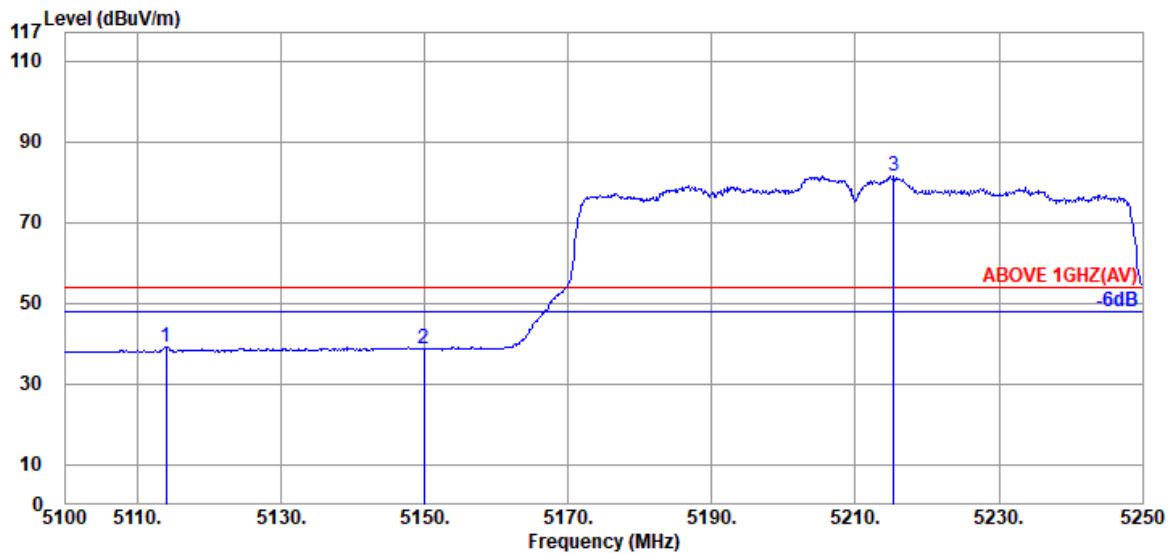
備註：“@”為主波，在此章節是不予以判定。

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|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | I          |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5210MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5117.400                 | 34.13                 | 10.68           | 34.36            | 40.91             | 51.36                   | 74.00           | 22.64       | Peak     |
| 5149.950                 | 34.20                 | 10.70           | 34.35            | 38.97             | 49.52                   | 74.00           | 24.48       | Peak     |
| @ 5207.100               | 34.25                 | 10.74           | 34.33            | 82.98             | 93.64                   | ---             | ---         | Peak     |

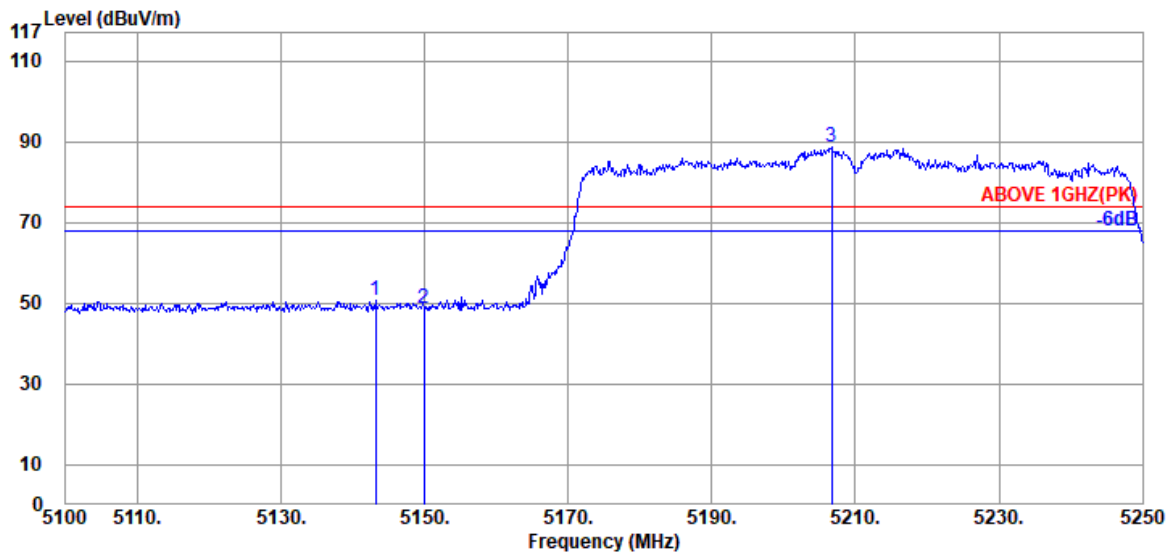


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5113.950                 | 34.13                 | 10.68           | 34.36            | 28.84             | 39.29                   | 54.00           | 14.71       | Average  |
| 5149.950                 | 34.20                 | 10.70           | 34.35            | 28.08             | 38.63                   | 54.00           | 15.37       | Average  |
| @ 5215.350               | 34.25                 | 10.74           | 34.33            | 70.74             | 81.40                   | ---             | ---         | Average  |

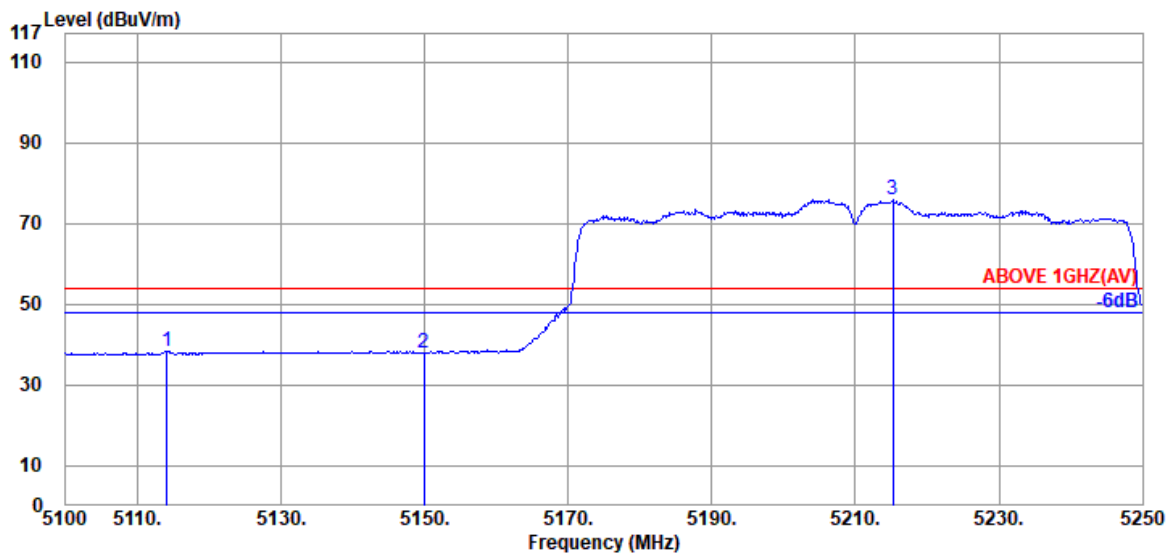
備註：“@”為主波，在此章節是不予以判定。

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | I          |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5210MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5143.200                 | 34.20                 | 10.70           | 34.36                  | 40.02             | 50.56                   | 74.00           | 23.44       | Peak     |
| 5149.950                 | 34.20                 | 10.70           | 34.35                  | 38.12             | 48.67                   | 74.00           | 25.33       | Peak     |
| @ 5206.650               | 34.25                 | 10.74           | 34.33                  | 78.16             | 88.82                   | ---             | ---         | Peak     |

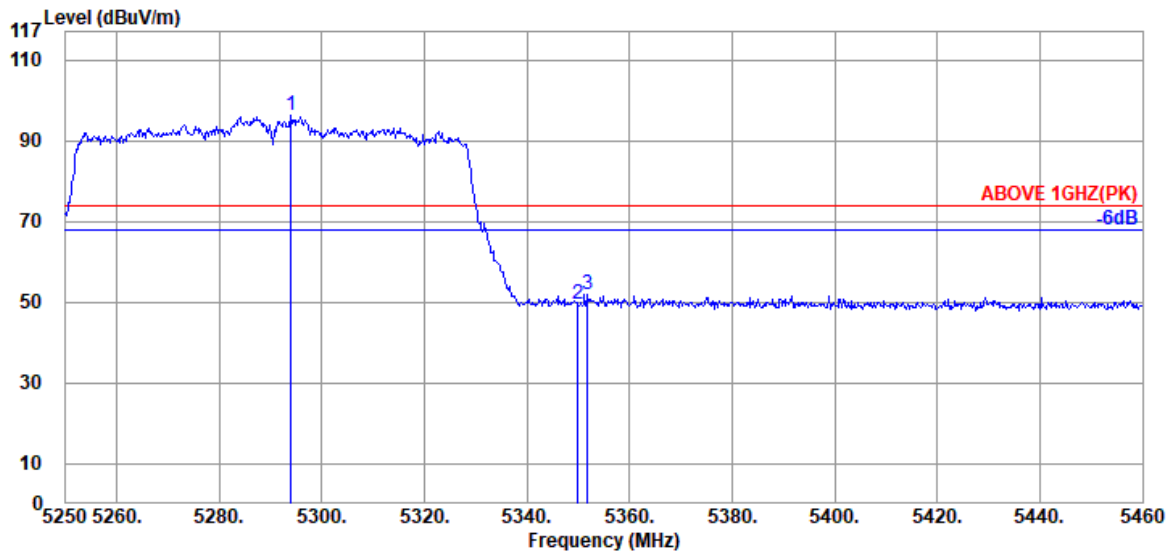


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5114.100                 | 34.13                 | 10.68           | 34.36                  | 27.95             | 38.40                   | 54.00           | 15.60       | Average  |
| 5149.950                 | 34.20                 | 10.70           | 34.35                  | 27.43             | 37.98                   | 54.00           | 16.02       | Average  |
| @ 5215.200               | 34.25                 | 10.74           | 34.33                  | 65.11             | 75.77                   | ---             | ---         | Average  |

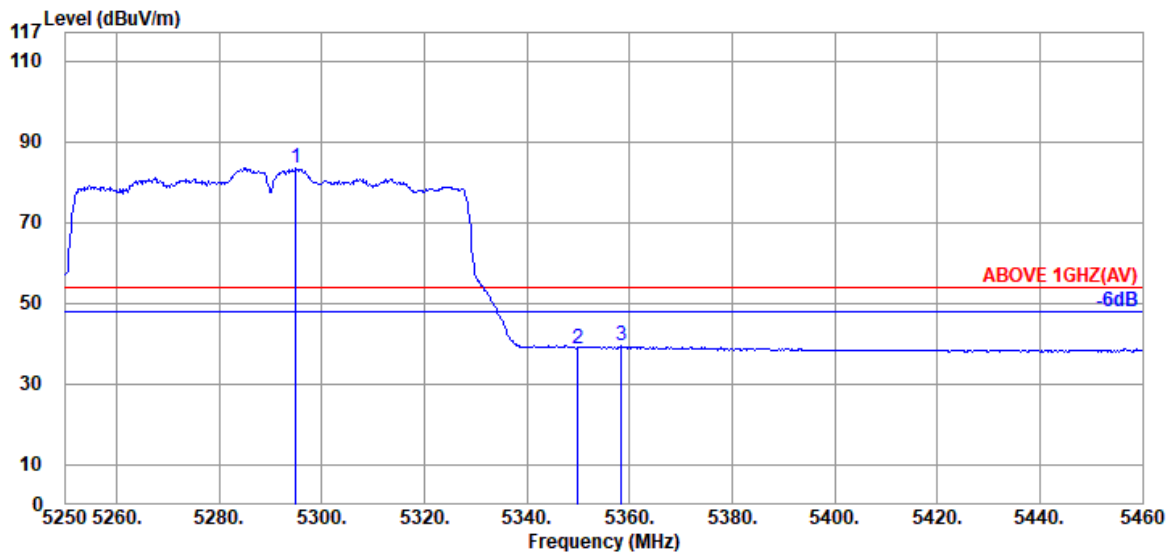
備註：“@”為主波，在此章節是不予以判定。

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | II         |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5290MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5293.890               | 34.50                 | 10.81           | 34.30            | 85.06             | 96.07                   | ---             | ---         | Peak     |
| 5349.960                 | 34.60                 | 10.83           | 34.27            | 38.43             | 49.59                   | 74.00           | 24.41       | Peak     |
| 5351.850                 | 34.60                 | 10.83           | 34.27            | 40.70             | 51.86                   | 74.00           | 22.14       | Peak     |

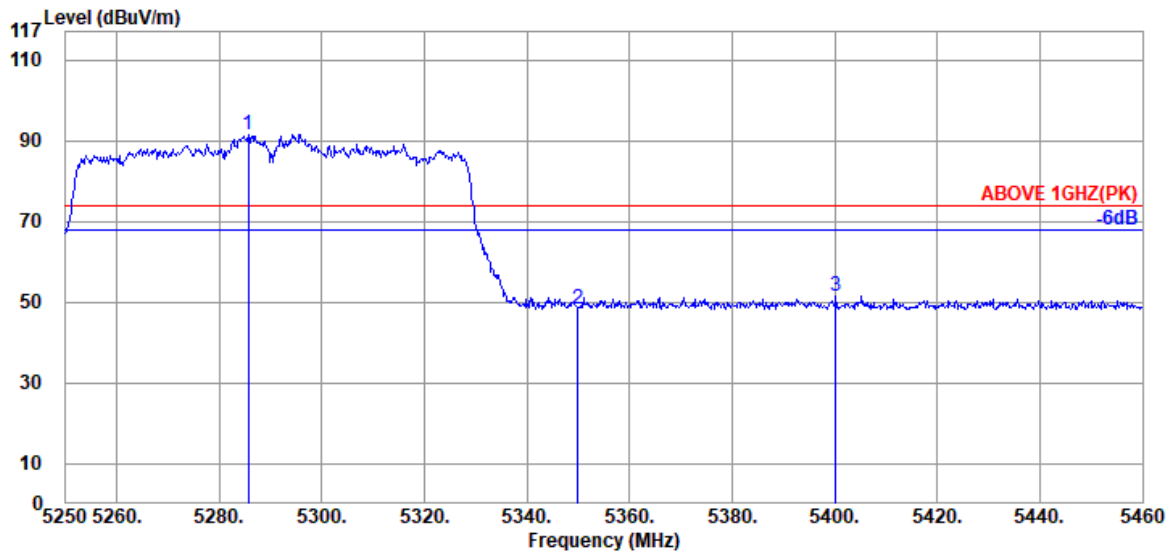


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5294.940               | 34.50                 | 10.81           | 34.30            | 72.40             | 83.41                   | ---             | ---         | Average  |
| 5349.960                 | 34.60                 | 10.83           | 34.27            | 27.73             | 38.89                   | 54.00           | 15.11       | Average  |
| 5358.360                 | 34.63                 | 10.85           | 34.27            | 28.14             | 39.35                   | 54.00           | 14.65       | Average  |

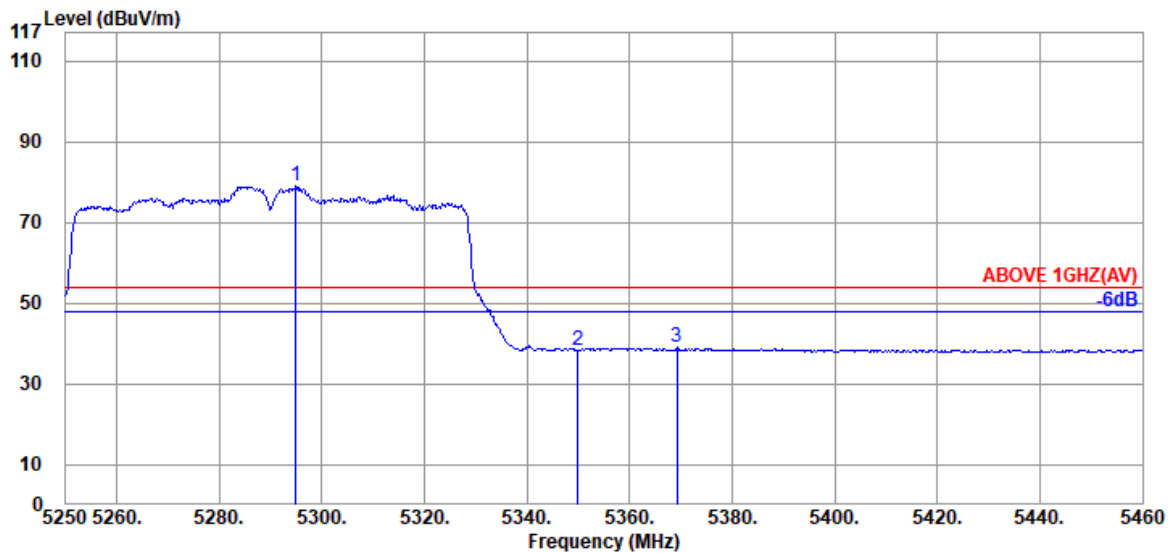
備註：“@”為主波，在此章節是不予以判定。

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | II         |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5290MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5285.700               | 34.47                 | 10.79           | 34.30            | 80.62             | 91.58                   | ---             | ---         | Peak     |
| 5349.960                 | 34.60                 | 10.83           | 34.27            | 37.30             | 48.46                   | 74.00           | 25.54       | Peak     |
| 5400.150                 | 34.70                 | 10.87           | 34.26            | 40.21             | 51.52                   | 74.00           | 22.48       | Peak     |

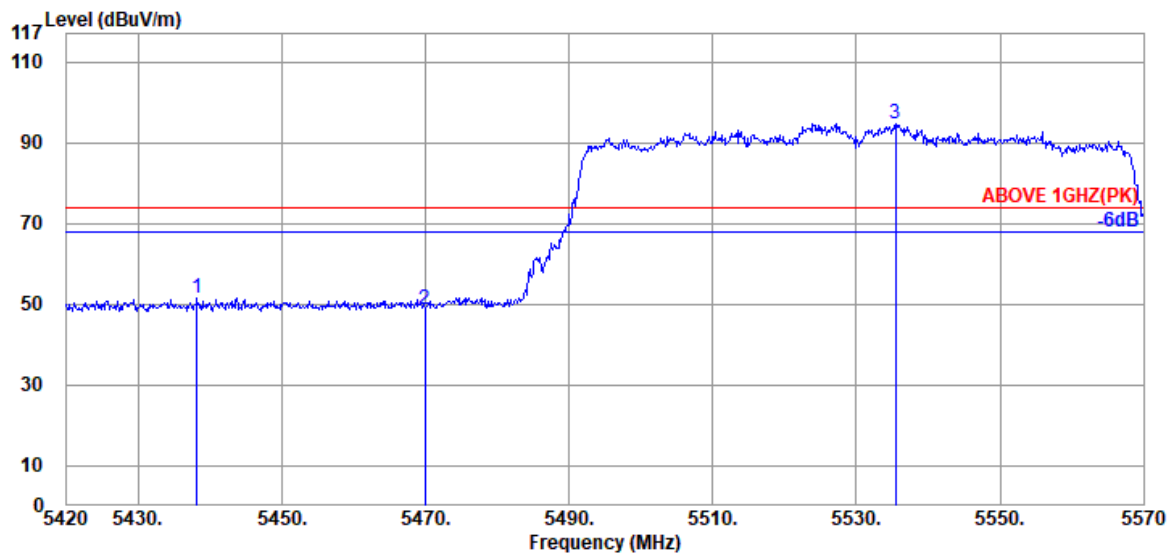


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5294.940               | 34.50                 | 10.81           | 34.30            | 67.97             | 78.98                   | ---             | ---         | Average  |
| 5349.960                 | 34.60                 | 10.83           | 34.27            | 27.16             | 38.32                   | 54.00           | 15.68       | Average  |
| 5369.280                 | 34.63                 | 10.85           | 34.27            | 27.73             | 38.94                   | 54.00           | 15.06       | Average  |

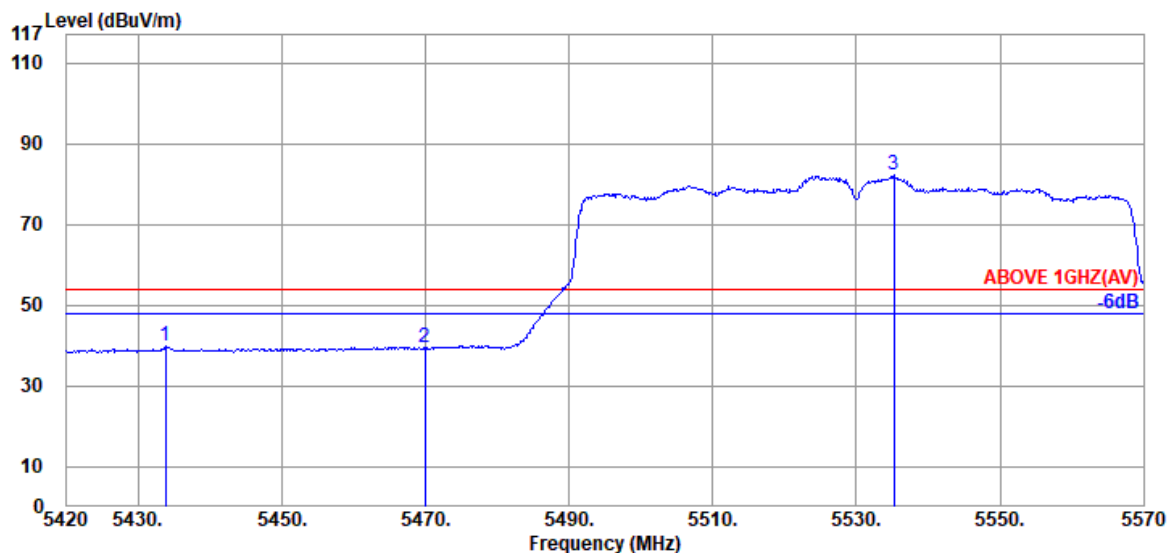
備註：“@”為主波，在此章節是不予以判定。

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | III        |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5530MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5438.150                 | 34.55                 | 10.89           | 34.25            | 40.48             | 51.67                   | 74.00           | 22.33       | Peak     |
| 5469.950                 | 34.47                 | 10.91           | 34.24            | 37.45             | 48.59                   | 74.00           | 25.41       | Peak     |
| @ 5535.500               | 34.33                 | 10.95           | 34.25            | 83.58             | 94.61                   | ---             | ---         | Peak     |

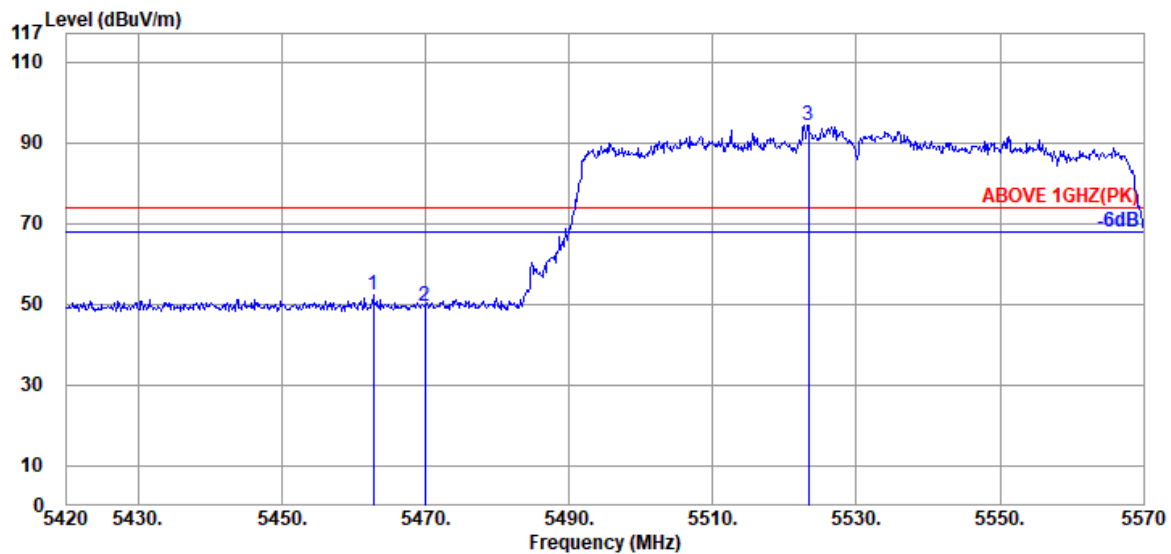


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5433.800                 | 34.55                 | 10.89           | 34.25            | 28.56             | 39.75                   | 54.00           | 14.25       | Average  |
| 5469.950                 | 34.47                 | 10.91           | 34.24            | 28.44             | 39.58                   | 54.00           | 14.42       | Average  |
| @ 5535.200               | 34.33                 | 10.95           | 34.25            | 71.10             | 82.13                   | ---             | ---         | Average  |

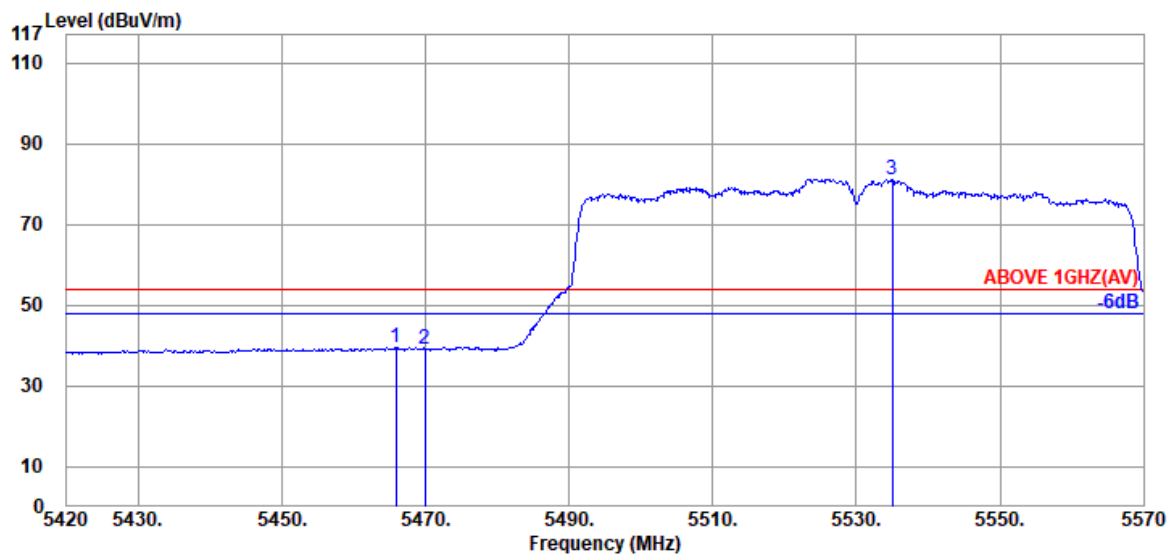
備註：“@”為主波，在此章節是不予以判定。

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | III        |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5530MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5462.750                 | 34.50                 | 10.91           | 34.24            | 41.30             | 52.47                   | 74.00           | 21.53       | Peak     |
| 5469.950                 | 34.47                 | 10.91           | 34.24            | 38.28             | 49.42                   | 74.00           | 24.58       | Peak     |
| @ 5523.350               | 34.37                 | 10.93           | 34.24            | 83.29             | 94.35                   | ---             | ---         | Peak     |

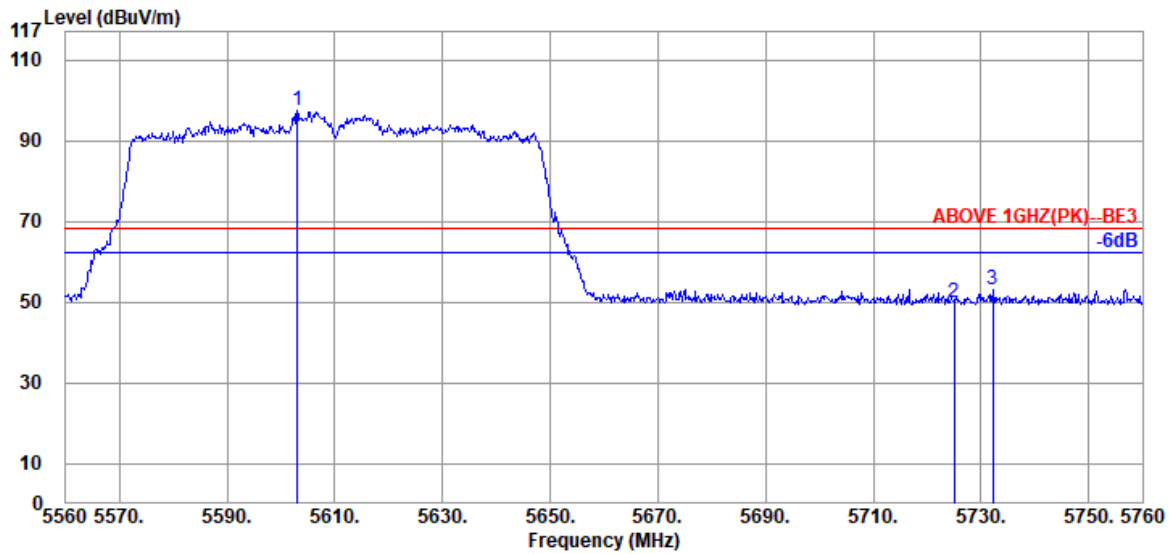


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5465.900                 | 34.47                 | 10.91           | 34.24            | 28.31             | 39.45                   | 54.00           | 14.55       | Average  |
| 5469.950                 | 34.47                 | 10.91           | 34.24            | 28.17             | 39.31                   | 54.00           | 14.69       | Average  |
| @ 5535.050               | 34.33                 | 10.95           | 34.25            | 70.17             | 81.20                   | ---             | ---         | Average  |

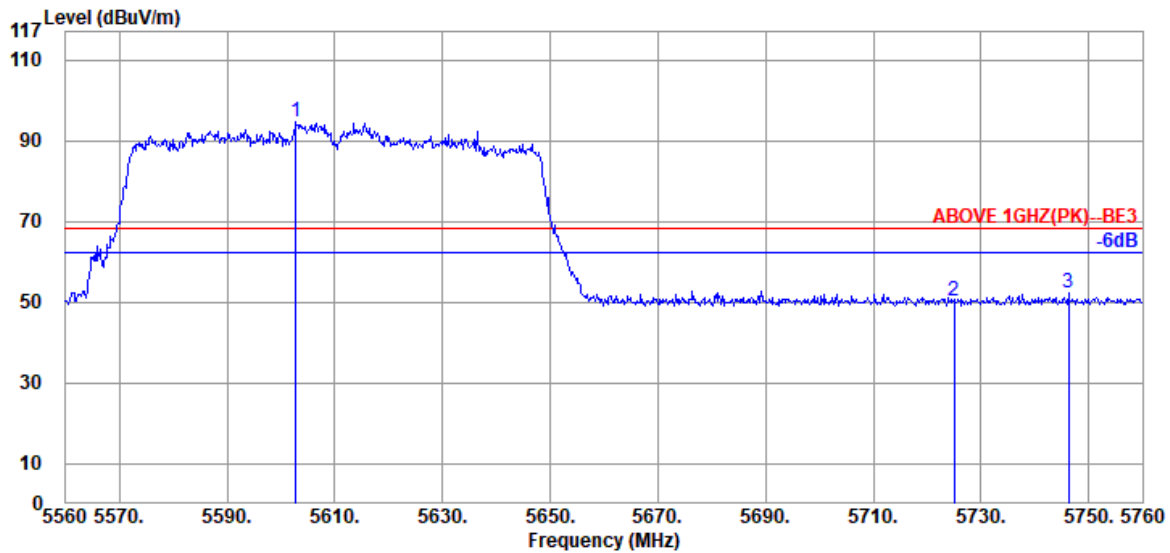
備註：“@”為主波，在此章節是不予以判定。

|      |                |            |            |
|------|----------------|------------|------------|
| 無線模組 | WM-BAC-AT-49   | U-NII Band | III        |
| Mode | 802.11ac-VHT80 | Frequency  | TX 5610MHz |



Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5603.000                 | 34.40                 | 10.99           | 34.28            | 86.23             | 97.34                   | ---             | ---         | Peak     |
|   | 5725.000                 | 34.67                 | 11.05           | 34.32            | 38.41             | 49.81                   | 68.20           | 18.39       | Peak     |
|   | 5732.200                 | 34.67                 | 11.05           | 34.33            | 41.59             | 52.98                   | 68.20           | 15.22       | Peak     |



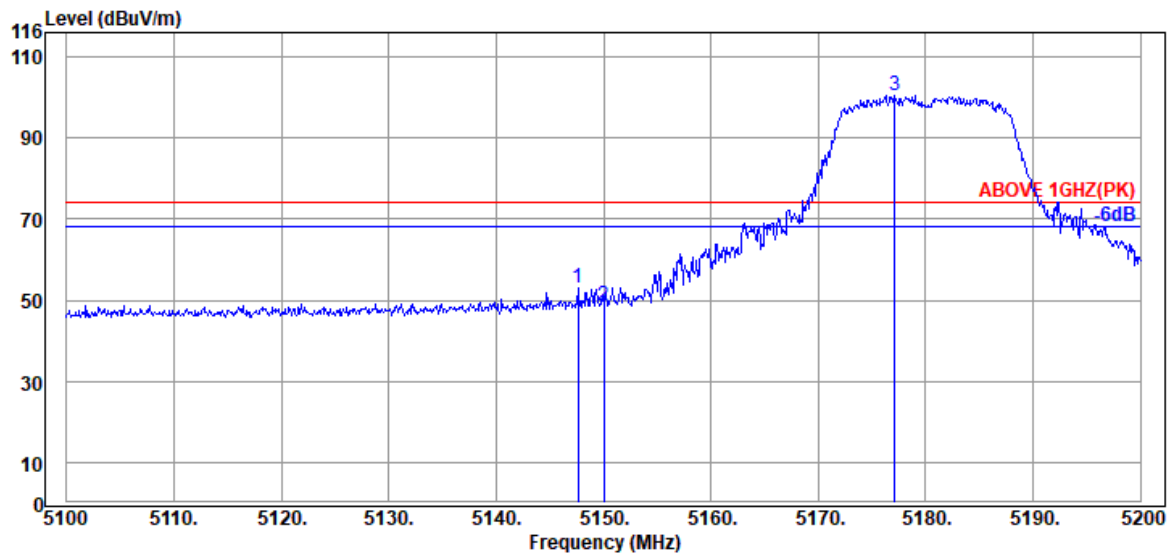
Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5602.800                 | 34.40                 | 10.99           | 34.28            | 83.67             | 94.78                   | ---             | ---         | Peak     |
|   | 5725.000                 | 34.67                 | 11.05           | 34.32            | 38.95             | 50.35                   | 68.20           | 17.85       | Peak     |
|   | 5746.200                 | 34.80                 | 11.06           | 34.33            | 40.75             | 52.28                   | 68.20           | 15.92       | Peak     |

備註：“@”為主波，在此章節是不予以判定。

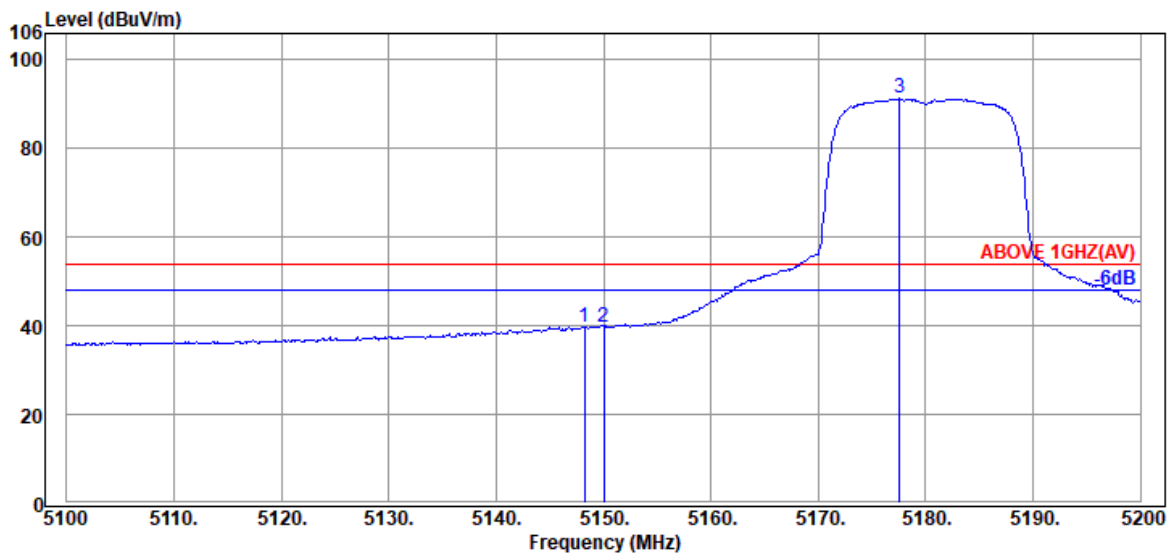
● 無線模組: LBEE5ZZ1PJ

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | I          |
| Mode | 802.11a    | Frequency  | TX 5180MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBUV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5147.60                  | 34.20                 | 10.70           | 34.35            | 42.38             | 52.93                   | 74.00           | 21.07       | Peak     |
| 5150.00                  | 34.20                 | 10.70           | 34.35            | 38.02             | 48.57                   | 74.00           | 25.43       | Peak     |
| @ 5177.10                | 34.20                 | 10.72           | 34.34            | 90.05             | 100.63                  | ---             | ---         | Peak     |

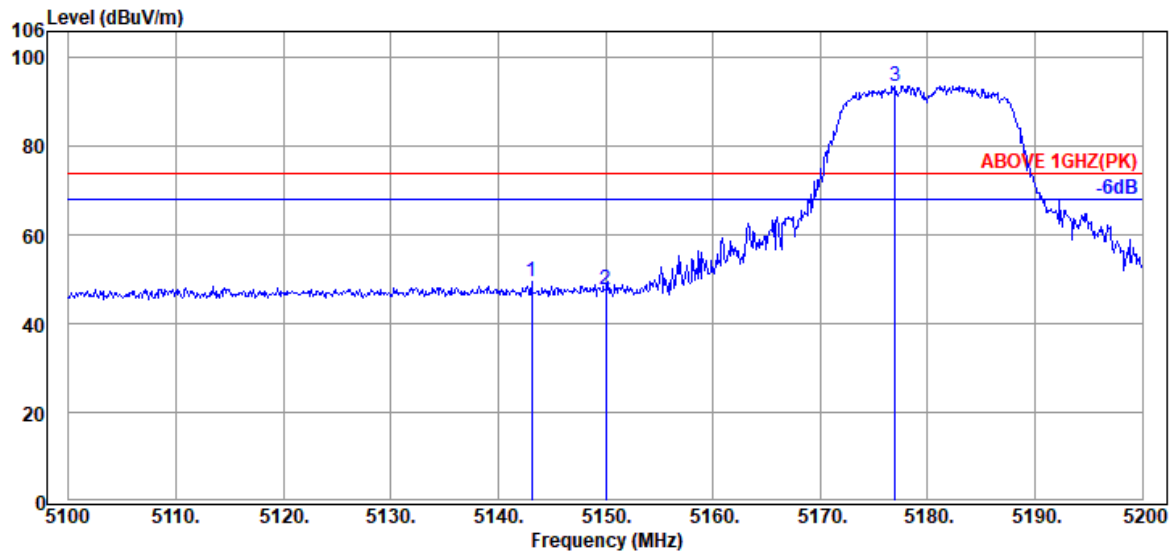


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBUV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5148.20                  | 34.20                 | 10.70           | 34.35            | 29.23             | 39.78                   | 54.00           | 14.22       | Average  |
| 5150.00                  | 34.20                 | 10.70           | 34.35            | 29.32             | 39.87                   | 54.00           | 14.13       | Average  |
| @ 5177.60                | 34.20                 | 10.72           | 34.34            | 80.87             | 91.45                   | ---             | ---         | Average  |

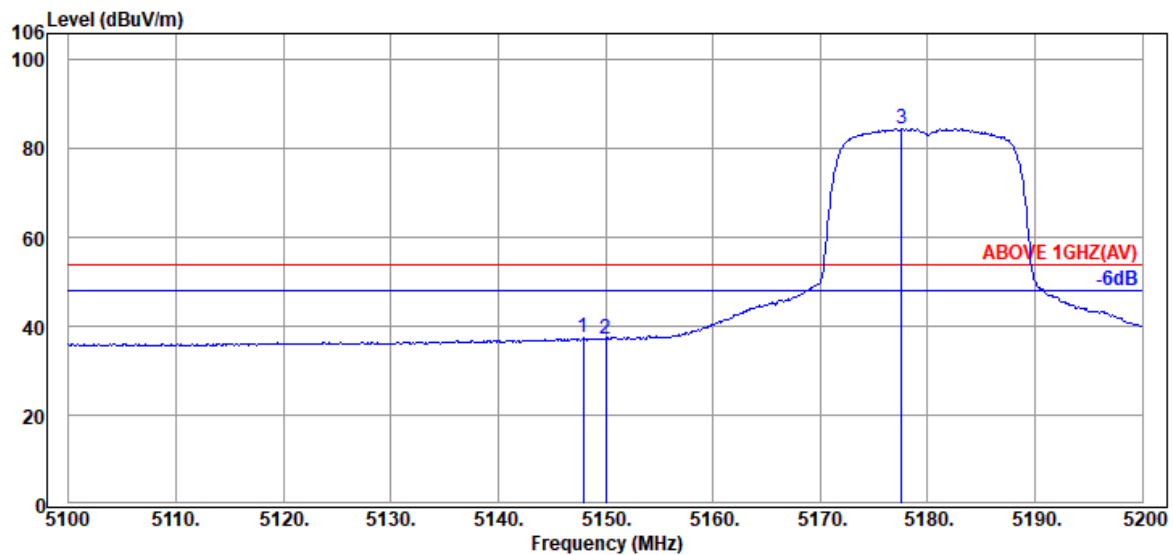
備註:“@”為主波，在此章節是不予以判定。

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | I          |
| Mode | 802.11a    | Frequency  | TX 5180MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBUV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5143.10                  | 34.20                 | 10.70           | 34.36                  | 39.13             | 49.67                   | 74.00           | 24.33       | Peak     |
| 5150.00                  | 34.20                 | 10.70           | 34.35                  | 37.27             | 47.82                   | 74.00           | 26.18       | Peak     |
| @ 5177.00                | 34.20                 | 10.72           | 34.34                  | 83.19             | 93.77                   | ---             | ---         | Peak     |

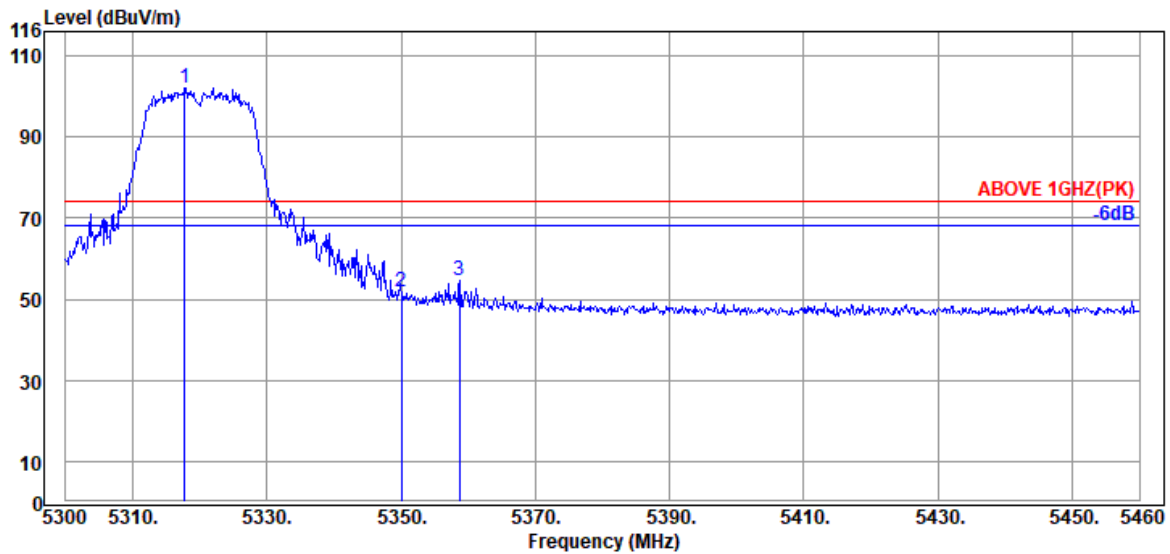


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBUV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5147.90                  | 34.20                 | 10.70           | 34.35                  | 26.79             | 37.34                   | 54.00           | 16.66       | Average  |
| 5150.00                  | 34.20                 | 10.70           | 34.35                  | 26.59             | 37.14                   | 54.00           | 16.86       | Average  |
| @ 5177.60                | 34.20                 | 10.72           | 34.34                  | 73.95             | 84.53                   | ---             | ---         | Average  |

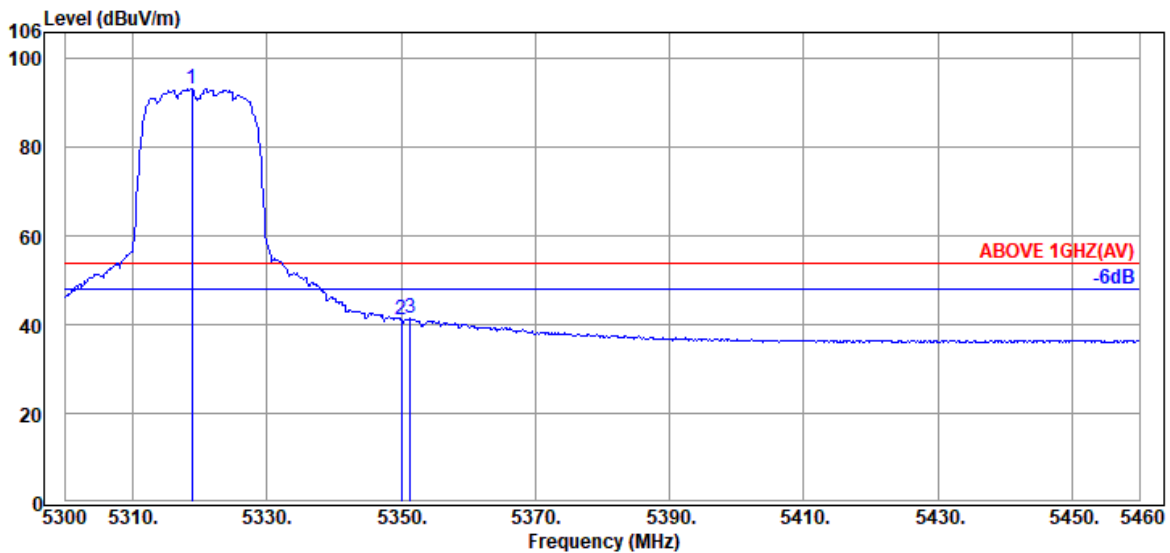
備註：“@”為主波，在此章節是不予以判定。

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | II         |
| Mode | 802.11a    | Frequency  | TX 5320MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBUV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5317.76                | 34.53                 | 10.81           | 34.29            | 90.98             | 102.03                  | ---             | ---         | Peak     |
| 5350.08                  | 34.60                 | 10.83           | 34.27            | 40.75             | 51.91                   | 74.00           | 22.09       | Peak     |
| 5358.72                  | 34.63                 | 10.85           | 34.27            | 43.26             | 54.47                   | 74.00           | 19.53       | Peak     |

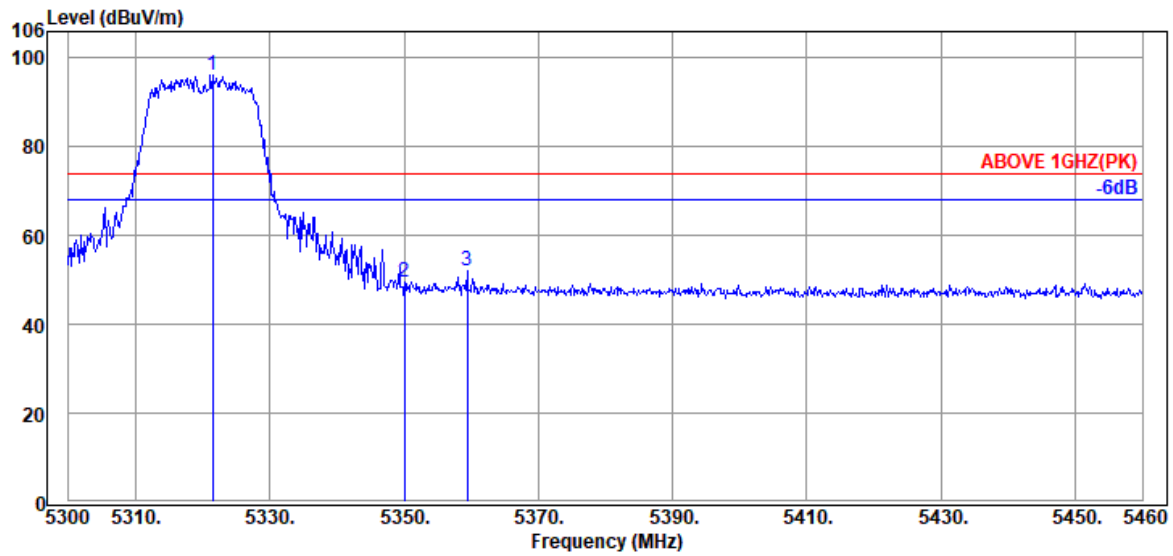


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBUV) | Emission Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5318.88                | 34.53                 | 10.81           | 34.29            | 82.27             | 93.32                   | ---             | ---         | Average  |
| 5350.08                  | 34.60                 | 10.83           | 34.27            | 30.05             | 41.21                   | 54.00           | 12.79       | Average  |
| 5351.36                  | 34.60                 | 10.83           | 34.27            | 30.31             | 41.47                   | 54.00           | 12.53       | Average  |

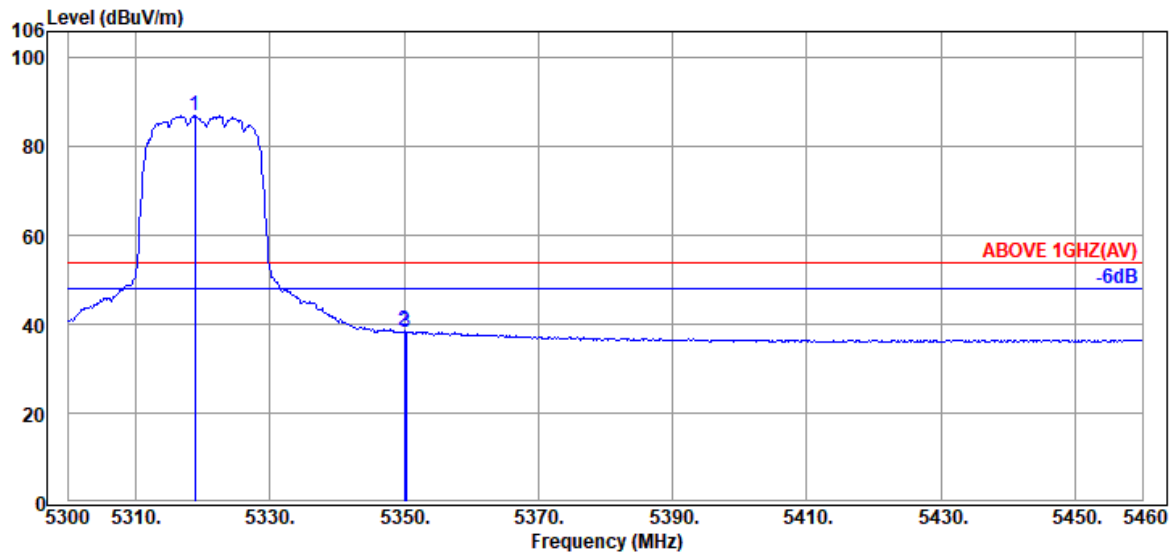
備註：“@”為主波，在此章節是不予以判定。

|      |            |            |            |
|------|------------|------------|------------|
|      | LBEE5ZZ1PJ | U-NII Band | II         |
| Mode | 802.11a    | Frequency  | TX 5320MHz |



Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5321.44                  | 34.53                 | 10.81           | 34.29                  | 85.14             | 96.19                   | ---             | ---         | Peak     |
|   | 5350.08                  | 34.60                 | 10.83           | 34.27                  | 38.35             | 49.51                   | 74.00           | 24.49       | Peak     |
|   | 5359.36                  | 34.63                 | 10.85           | 34.27                  | 40.78             | 51.99                   | 74.00           | 22.01       | Peak     |

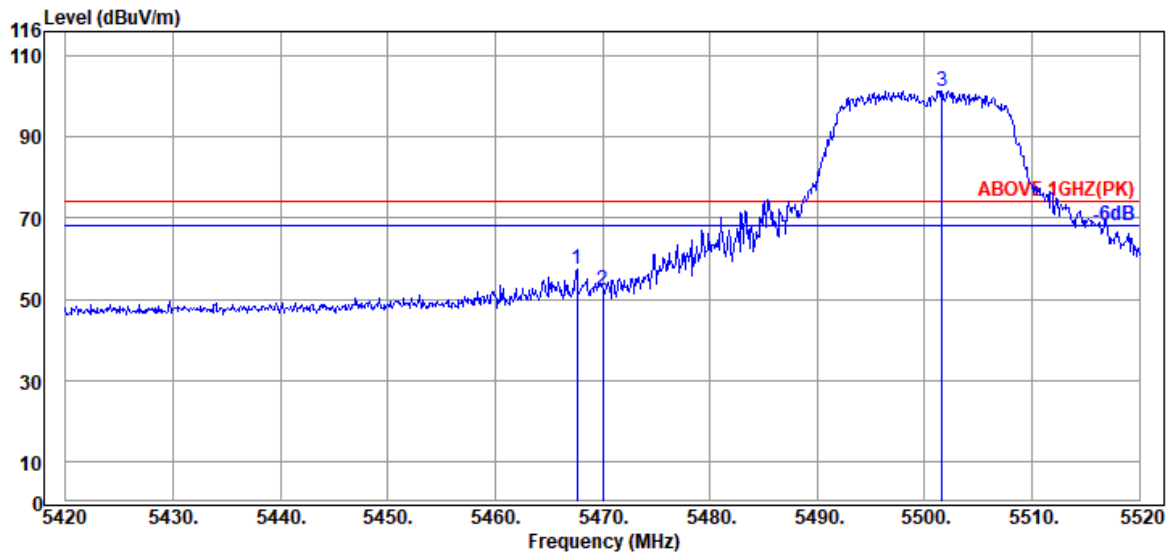


Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5318.88                  | 34.53                 | 10.81           | 34.29                  | 75.97             | 87.02                   | ---             | ---         | Average  |
|   | 5350.08                  | 34.60                 | 10.83           | 34.27                  | 27.28             | 38.44                   | 54.00           | 15.56       | Average  |
|   | 5350.24                  | 34.60                 | 10.83           | 34.27                  | 27.18             | 38.34                   | 54.00           | 15.66       | Average  |

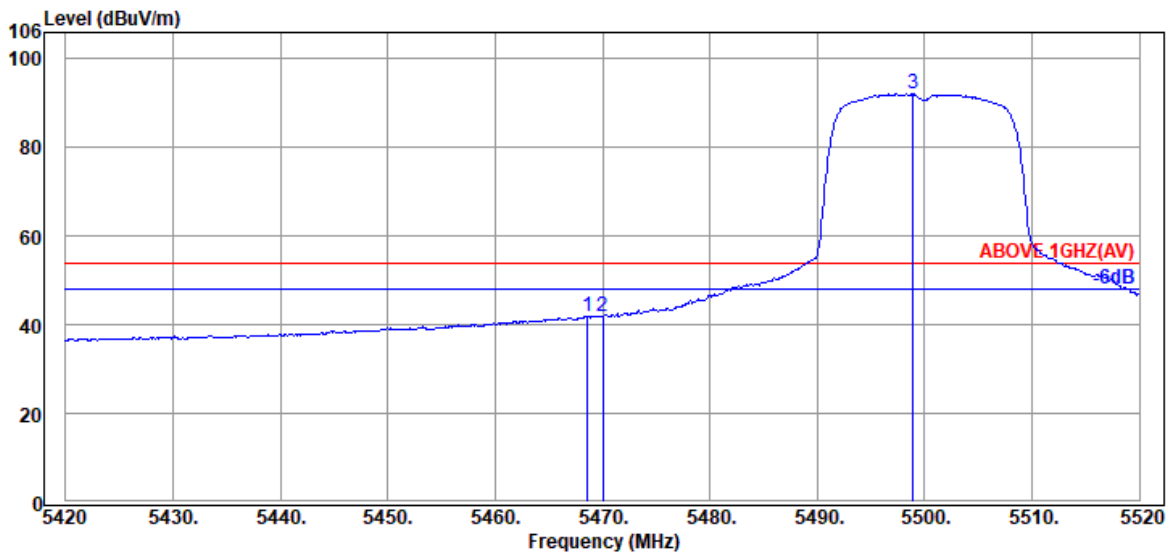
備註：“@”為主波，在此章節是不予以判定。

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | III        |
| Mode | 802.11a    | Frequency  | TX 5500MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5467.60                  | 34.47                 | 10.91           | 34.24            | 46.23             | 57.37                   | 74.00           | 16.63       | Peak     |
| 5470.00                  | 34.47                 | 10.91           | 34.24            | 41.00             | 52.14                   | 74.00           | 21.86       | Peak     |
| @ 5501.60                | 34.40                 | 10.93           | 34.24            | 90.28             | 101.37                  | ---             | ---         | Peak     |

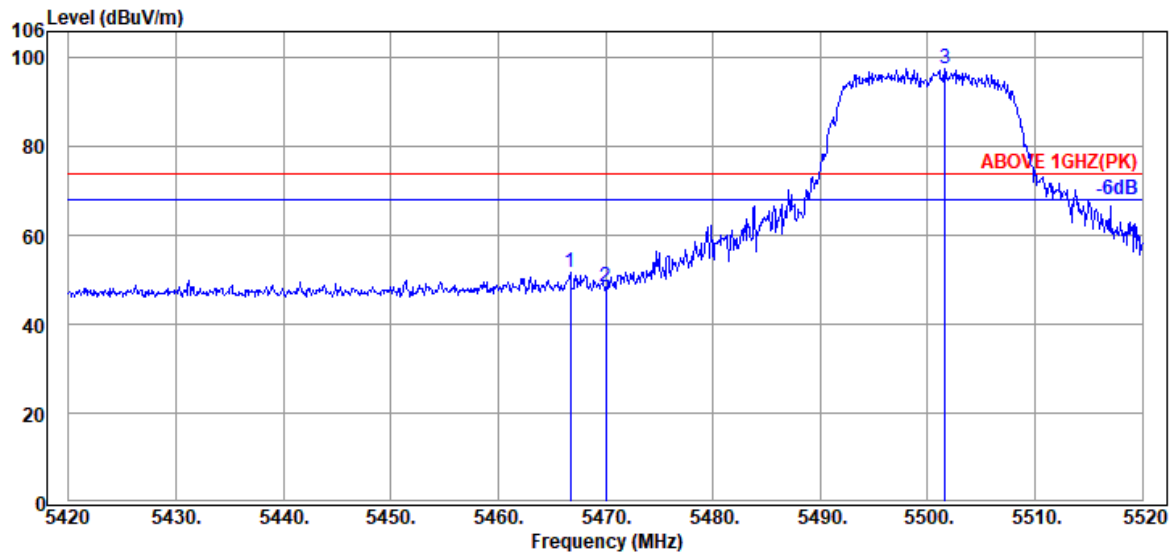


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.60                  | 34.47                 | 10.91           | 34.24            | 30.83             | 41.97                   | 54.00           | 12.03       | Average  |
| 5470.00                  | 34.47                 | 10.91           | 34.24            | 30.78             | 41.92                   | 54.00           | 12.08       | Average  |
| @ 5498.90                | 34.40                 | 10.93           | 34.23            | 81.05             | 92.15                   | ---             | ---         | Average  |

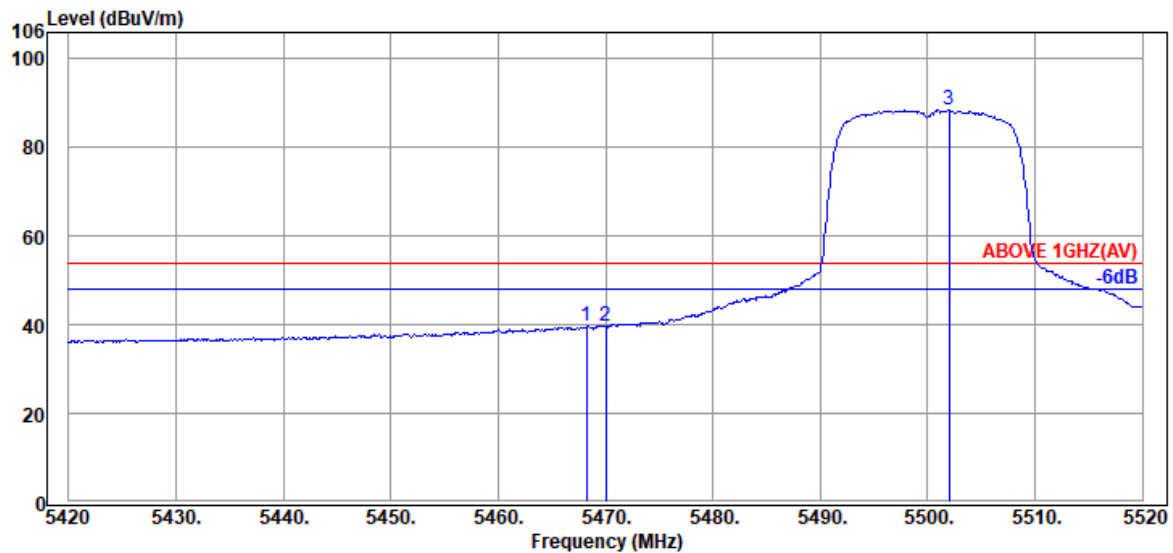
備註：“@”為主波，在此章節是不予以判定。

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | III        |
| Mode | 802.11a    | Frequency  | TX 5500MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5466.70                  | 34.47                 | 10.91           | 34.24            | 40.52             | 51.66                   | 74.00           | 22.34       | Peak     |
| 5470.00                  | 34.47                 | 10.91           | 34.24            | 37.24             | 48.38                   | 74.00           | 25.62       | Peak     |
| @ 5501.60                | 34.40                 | 10.93           | 34.24            | 86.67             | 97.76                   | ---             | ---         | Peak     |

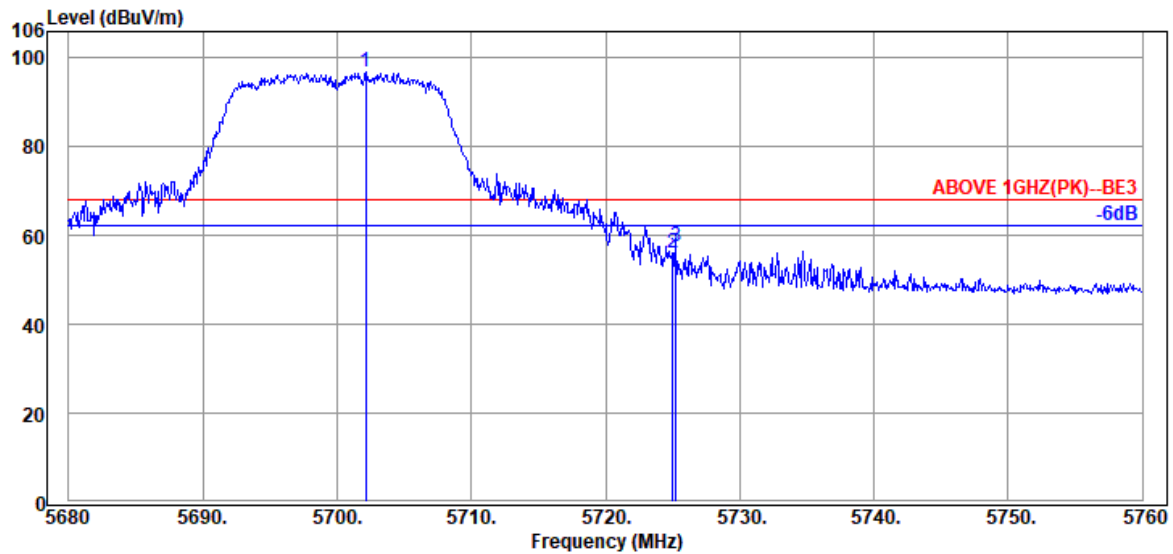


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.20                  | 34.47                 | 10.91           | 34.24            | 28.51             | 39.65                   | 54.00           | 14.35       | Average  |
| 5470.00                  | 34.47                 | 10.91           | 34.24            | 28.50             | 39.64                   | 54.00           | 14.36       | Average  |
| @ 5502.00                | 34.40                 | 10.93           | 34.24            | 77.38             | 88.47                   | ---             | ---         | Average  |

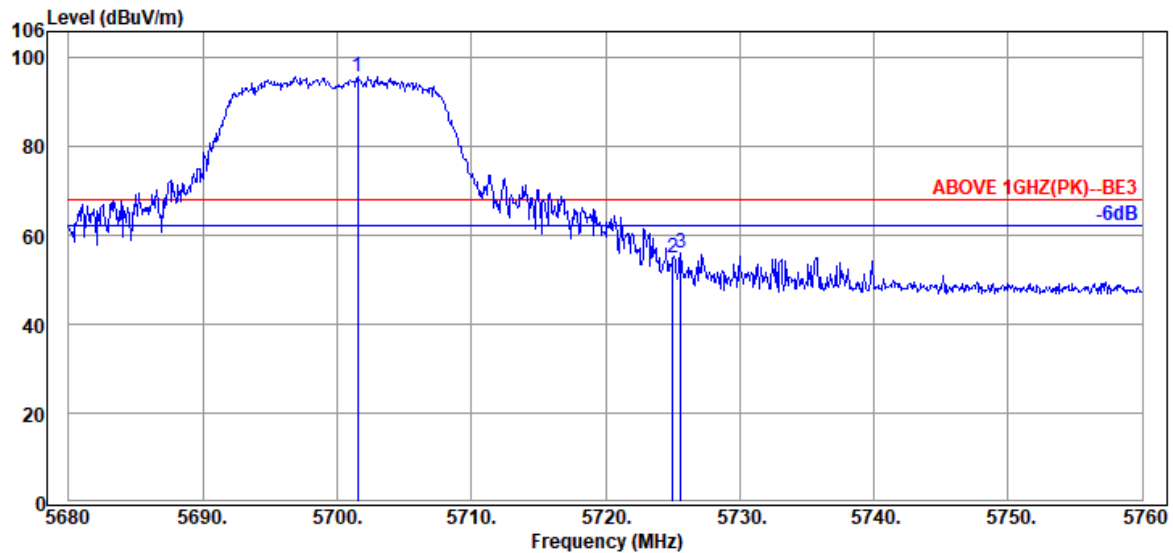
備註：“@”為主波，在此章節是不予以判定。

|      |            |            |            |
|------|------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ | U-NII Band | III        |
| Mode | 802.11a    | Frequency  | TX 5700MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5702.16                | 34.40                 | 11.03           | 34.31            | 85.67             | 96.79                   | ---             | ---         | Peak     |
| 5725.04                  | 34.67                 | 11.05           | 34.32            | 44.67             | 56.07                   | 68.20           | 12.13       | Peak     |
| 5725.28                  | 34.67                 | 11.05           | 34.32            | 46.30             | 57.70                   | 68.20           | 10.50       | Peak     |

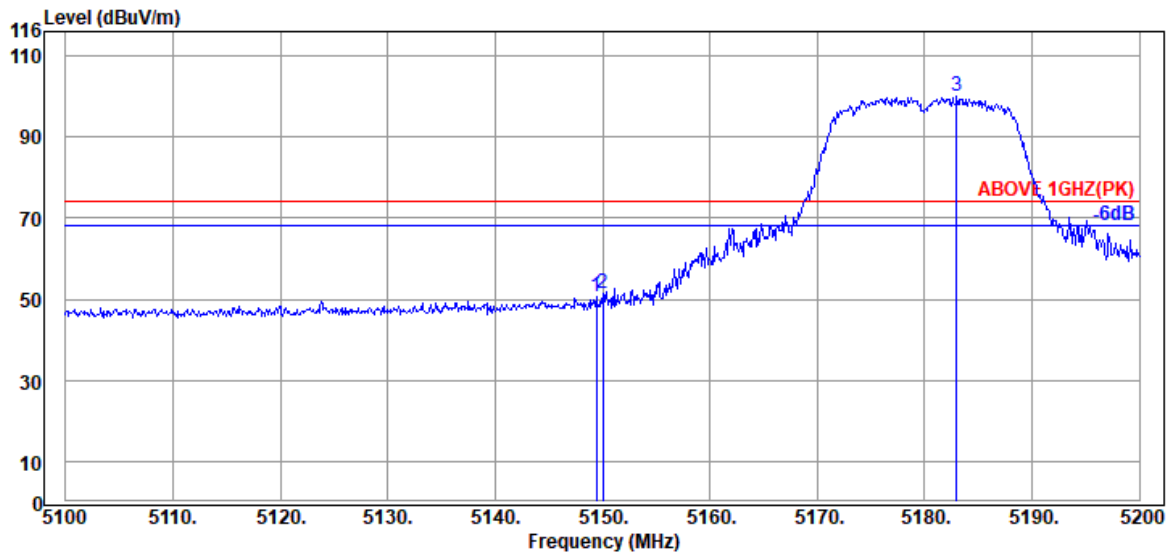


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5701.52                | 34.40                 | 11.03           | 34.31            | 84.83             | 95.95                   | ---             | ---         | Peak     |
| 5725.04                  | 34.67                 | 11.05           | 34.32            | 43.67             | 55.07                   | 68.20           | 13.13       | Peak     |
| 5725.60                  | 34.67                 | 11.05           | 34.32            | 44.56             | 55.96                   | 68.20           | 12.24       | Peak     |

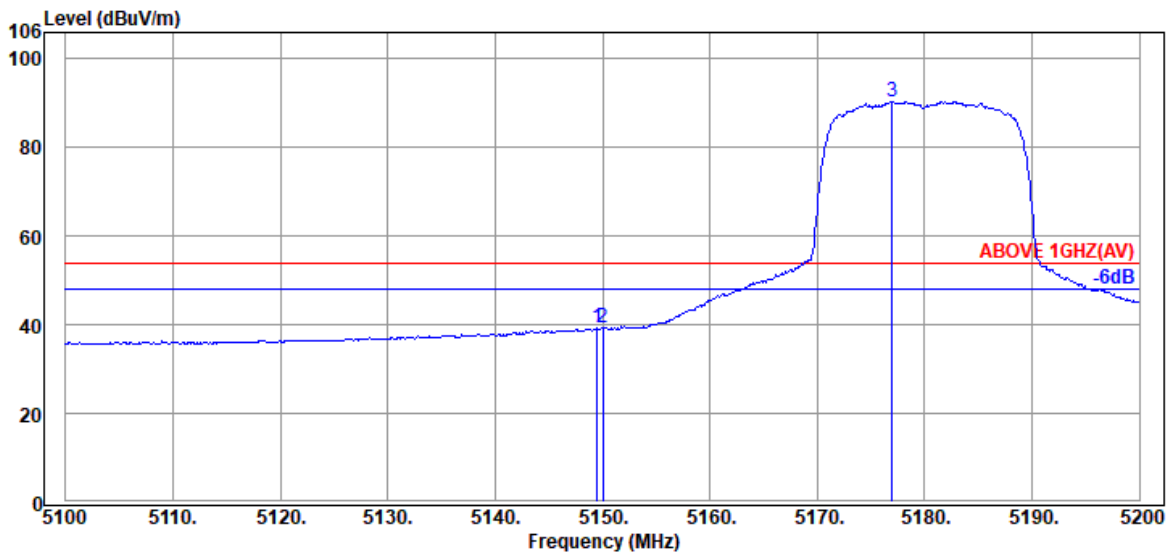
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | I          |
| Mode | 802.11n-HT20 | Frequency  | TX 5180MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5149.40                  | 34.20                 | 10.70           | 34.35            | 40.01             | 50.56                   | 74.00           | 23.44       | Peak     |
| 5150.00                  | 34.20                 | 10.70           | 34.35            | 41.02             | 51.57                   | 74.00           | 22.43       | Peak     |
| @ 5183.00                | 34.20                 | 10.72           | 34.34            | 89.35             | 99.93                   | ---             | ---         | Peak     |

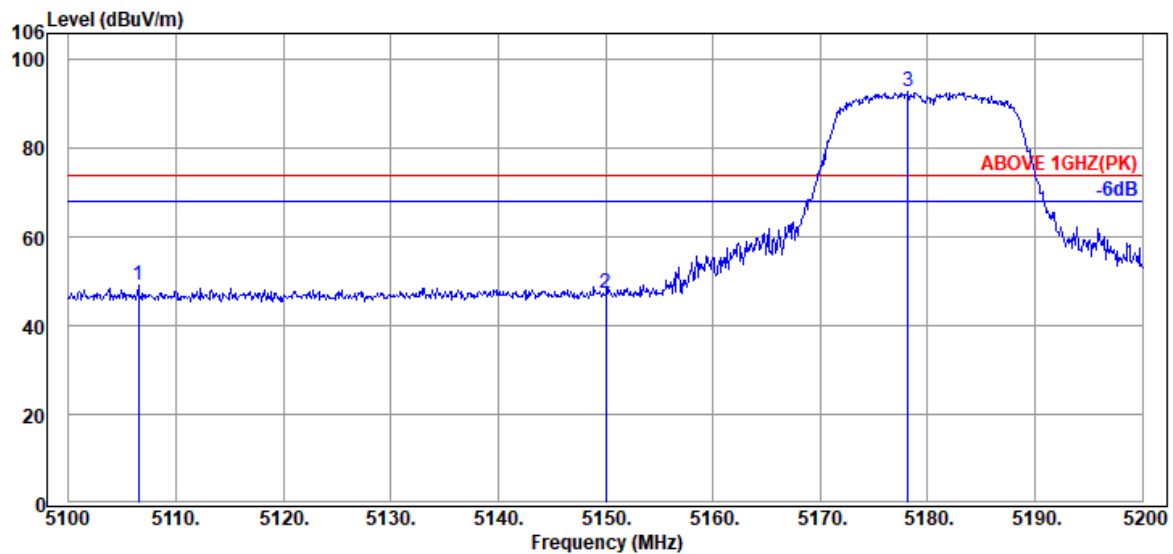


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5149.50                  | 34.20                 | 10.70           | 34.35            | 28.69             | 39.24                   | 54.00           | 14.76       | Average  |
| 5150.00                  | 34.20                 | 10.70           | 34.35            | 28.78             | 39.33                   | 54.00           | 14.67       | Average  |
| @ 5177.00                | 34.20                 | 10.72           | 34.34            | 79.74             | 90.32                   | ---             | ---         | Average  |

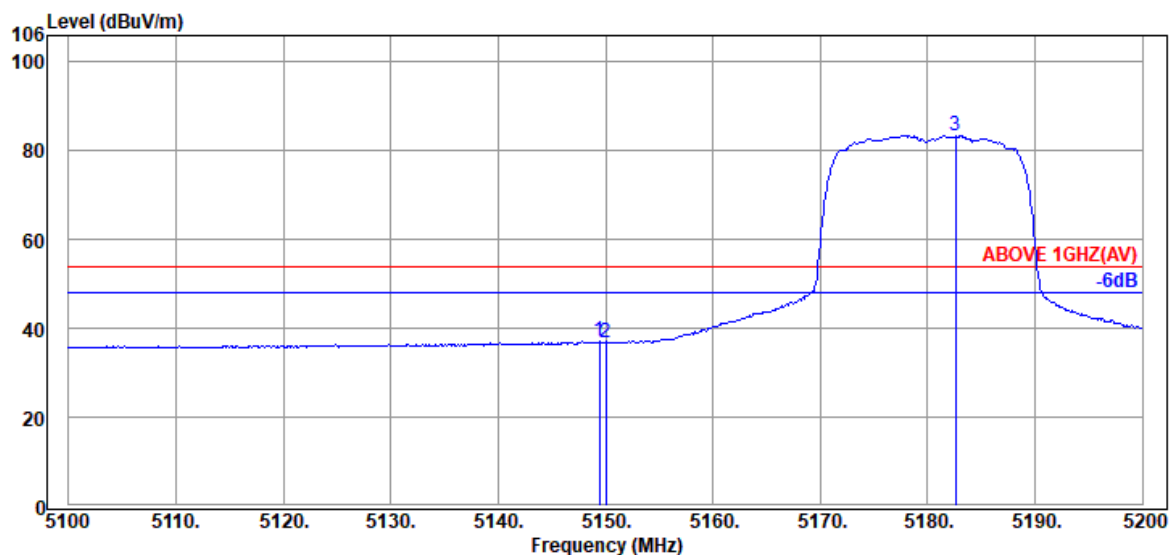
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | I          |
| Mode | 802.11n-HT20 | Frequency  | TX 5180MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5106.50                  | 34.10                 | 10.68           | 34.36                  | 38.63             | 49.05                   | 74.00           | 24.95       | Peak     |
| 5150.00                  | 34.20                 | 10.70           | 34.35                  | 36.94             | 47.49                   | 74.00           | 26.51       | Peak     |
| @ 5180.20                | 34.20                 | 10.72           | 34.34                  | 82.25             | 92.83                   | ---             | ---         | Peak     |

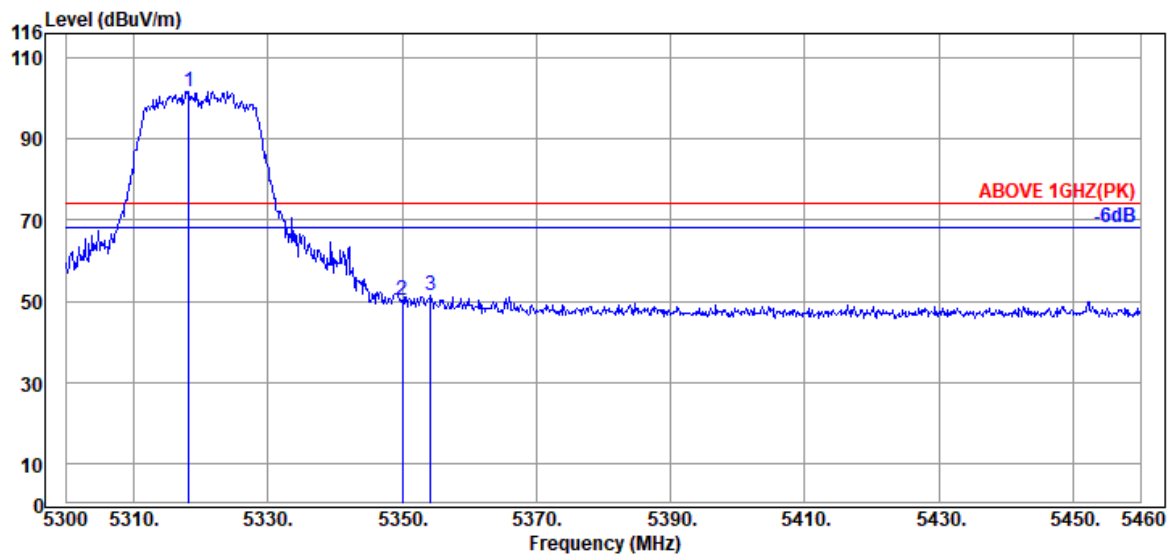


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5149.40                  | 34.20                 | 10.70           | 34.35                  | 26.48             | 37.03                   | 54.00           | 16.97       | Average  |
| 5150.00                  | 34.20                 | 10.70           | 34.35                  | 26.14             | 36.69                   | 54.00           | 17.31       | Average  |
| @ 5182.60                | 34.20                 | 10.72           | 34.34                  | 72.80             | 83.38                   | ---             | ---         | Average  |

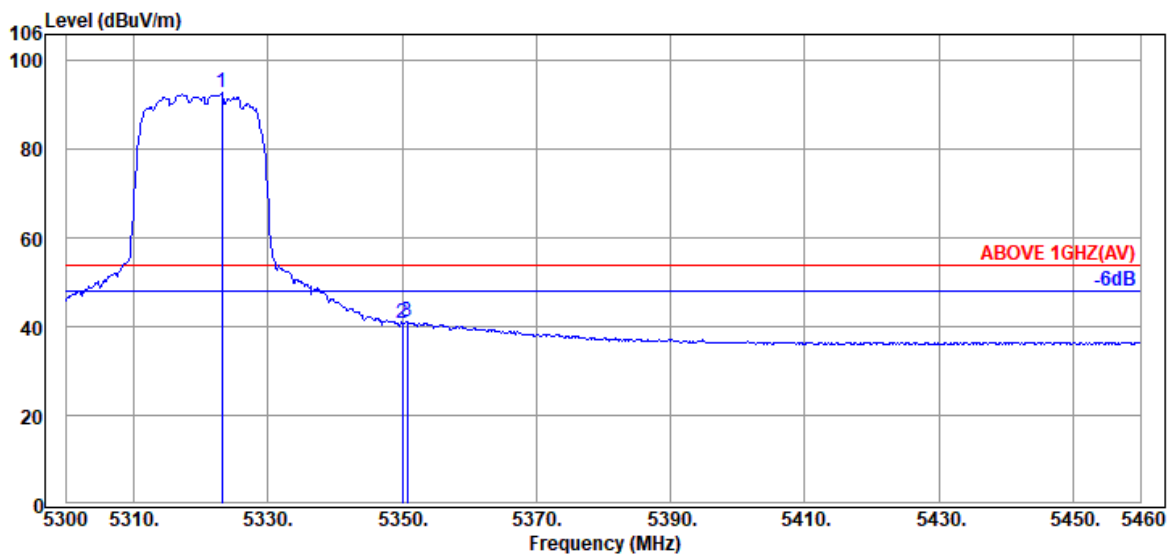
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | II         |
| Mode | 802.11n-HT20 | Frequency  | TX 5320MHz |



Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5318.24                  | 34.53                 | 10.81           | 34.29                  | 90.69             | 101.74                  | ---             | ---         | Peak     |
|   | 5350.08                  | 34.60                 | 10.83           | 34.27                  | 39.24             | 50.40                   | 74.00           | 23.60       | Peak     |
|   | 5354.24                  | 34.63                 | 10.83           | 34.27                  | 40.31             | 51.50                   | 74.00           | 22.50       | Peak     |

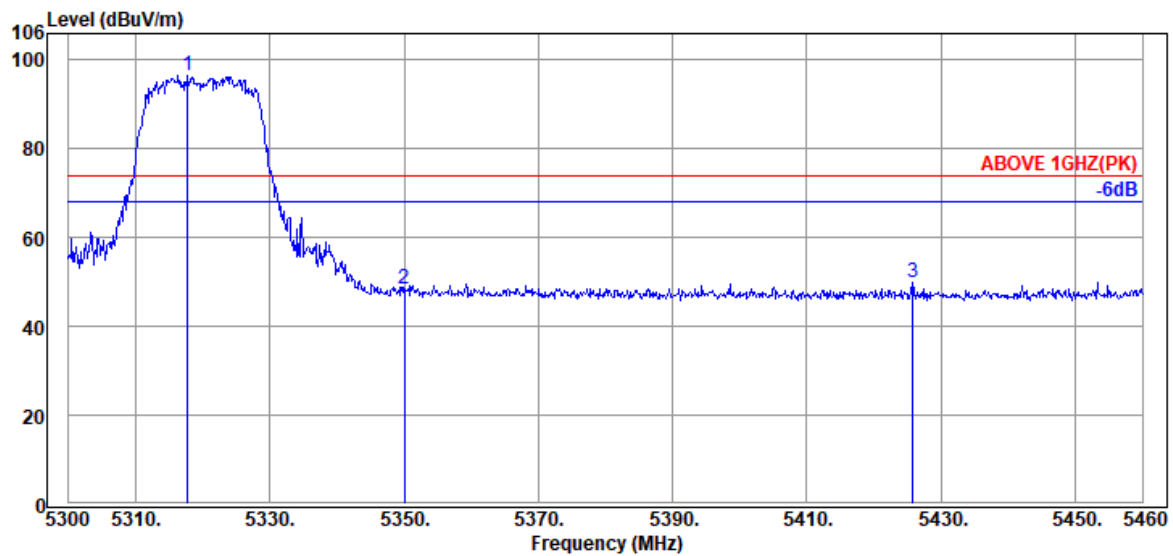


Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamplifier Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5323.20                  | 34.53                 | 10.83           | 34.28                  | 81.63             | 92.71                   | ---             | ---         | Average  |
|   | 5350.08                  | 34.60                 | 10.83           | 34.27                  | 29.56             | 40.72                   | 54.00           | 13.28       | Average  |
|   | 5350.72                  | 34.60                 | 10.83           | 34.27                  | 29.91             | 41.07                   | 54.00           | 12.93       | Average  |

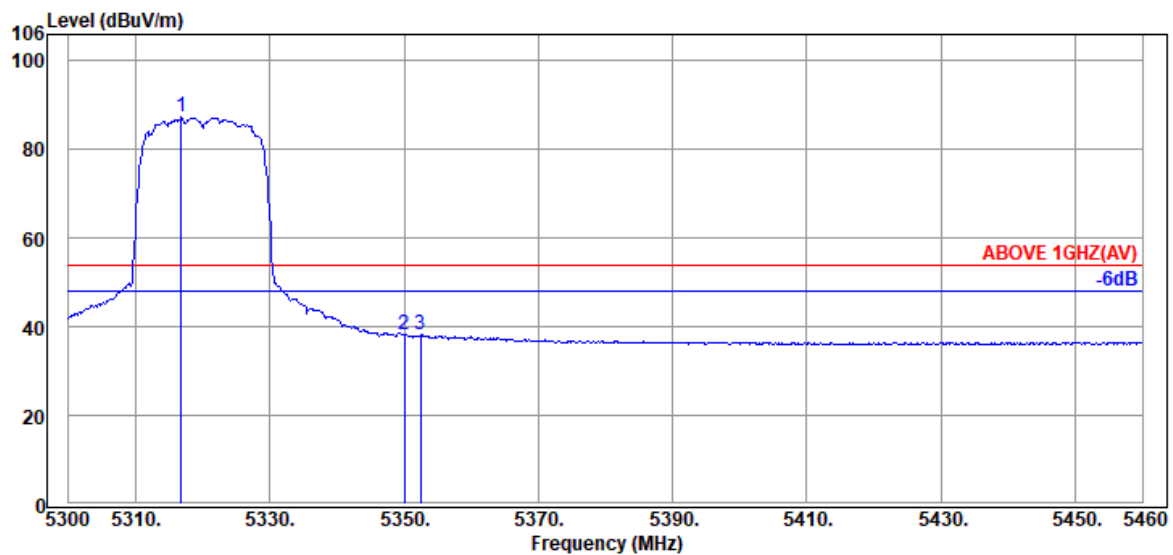
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | II         |
| Mode | 802.11n-HT20 | Frequency  | TX 5320MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5317.76                | 34.53                 | 10.81           | 34.29            | 85.52             | 96.57                   | ---             | ---         | Peak     |
| 5350.08                  | 34.60                 | 10.83           | 34.27            | 37.47             | 48.63                   | 74.00           | 25.37       | Peak     |
| 5425.76                  | 34.60                 | 10.89           | 34.25            | 38.74             | 49.98                   | 74.00           | 24.02       | Peak     |

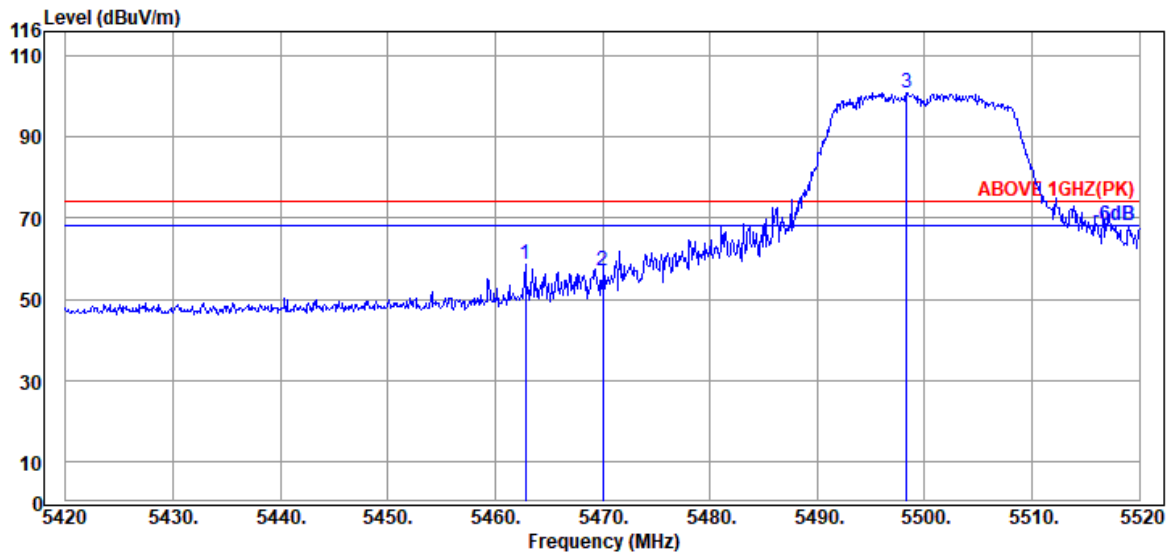


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ 5316.80                | 34.53                 | 10.81           | 34.29            | 76.42             | 87.47                   | ---             | ---         | Average  |
| 5350.08                  | 34.60                 | 10.83           | 34.27            | 27.11             | 38.27                   | 54.00           | 15.73       | Average  |
| 5352.48                  | 34.60                 | 10.83           | 34.27            | 27.24             | 38.40                   | 54.00           | 15.60       | Average  |

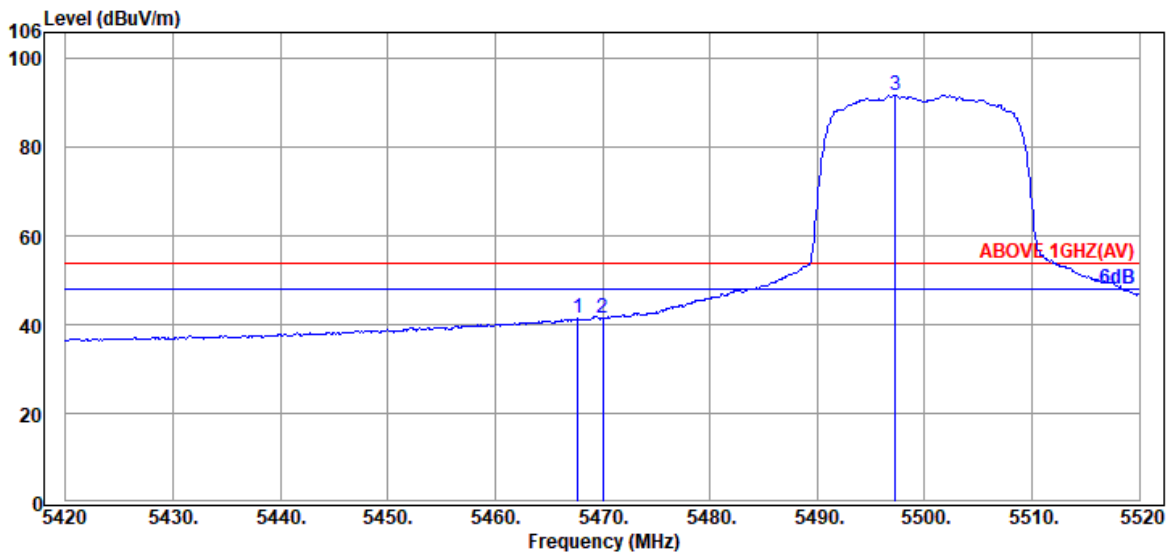
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | III        |
| Mode | 802.11n-HT20 | Frequency  | TX 5500MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5462.80                  | 34.50                 | 10.91           | 34.24            | 47.25             | 58.42                   | 74.00           | 15.58       | Peak     |
| 5470.00                  | 34.47                 | 10.91           | 34.24            | 45.85             | 56.99                   | 74.00           | 17.01       | Peak     |
| @ 5498.30                | 34.40                 | 10.93           | 34.23            | 89.82             | 100.92                  | ---             | ---         | Peak     |

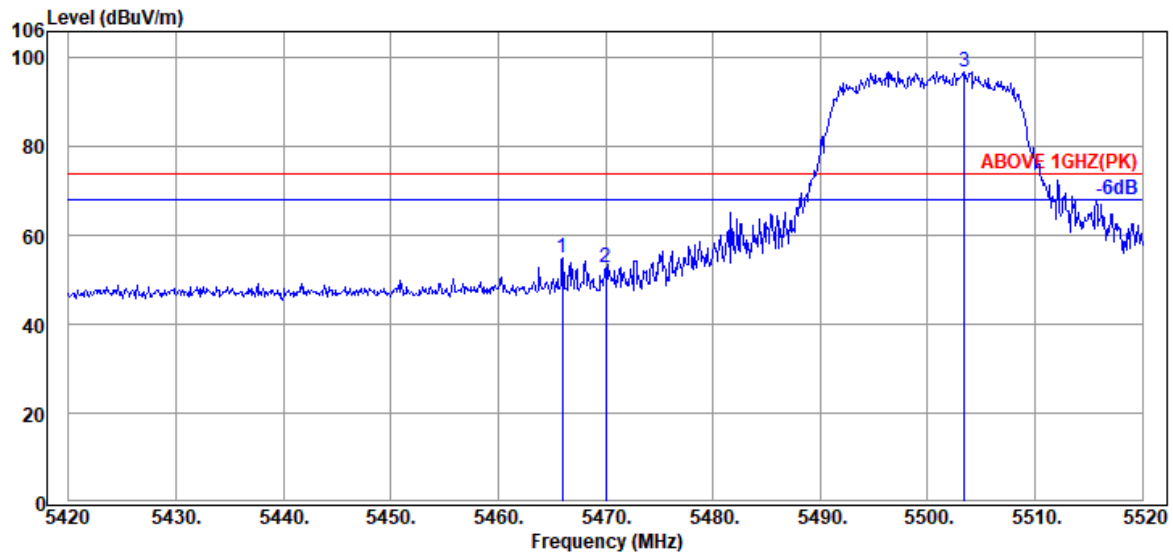


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5467.70                  | 34.47                 | 10.91           | 34.24            | 30.32             | 41.46                   | 54.00           | 12.54       | Average  |
| 5470.00                  | 34.47                 | 10.91           | 34.24            | 30.34             | 41.48                   | 54.00           | 12.52       | Average  |
| @ 5497.30                | 34.40                 | 10.93           | 34.23            | 80.82             | 91.92                   | ---             | ---         | Average  |

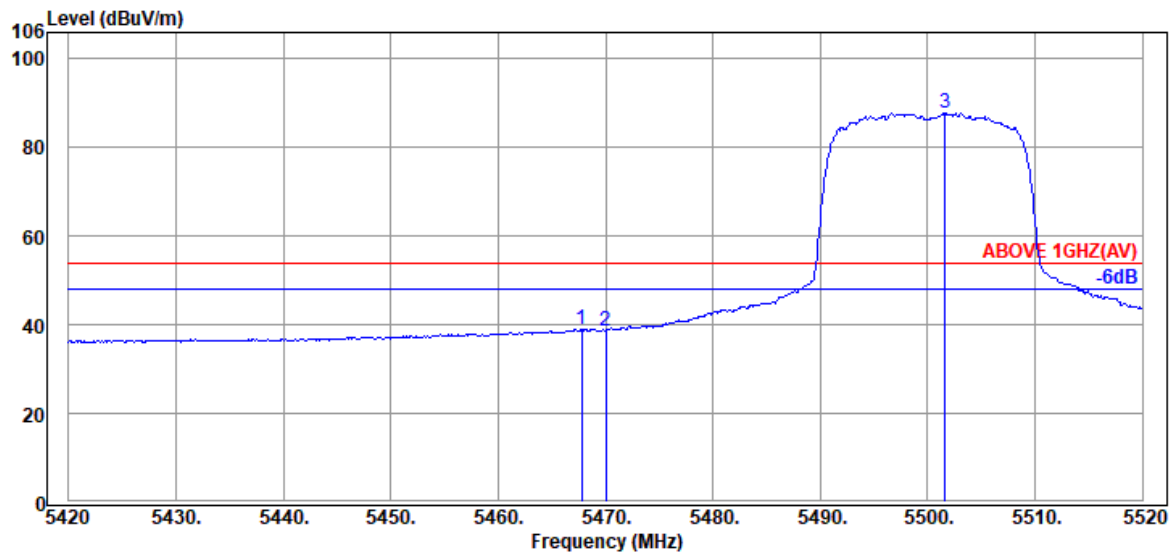
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | III        |
| Mode | 802.11n-HT20 | Frequency  | TX 5500MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5466.00                  | 34.47                 | 10.91           | 34.24            | 44.04             | 55.18                   | 74.00           | 18.82       | Peak     |
| 5470.00                  | 34.47                 | 10.91           | 34.24            | 41.76             | 52.90                   | 74.00           | 21.10       | Peak     |
| @ 5503.40                | 34.40                 | 10.93           | 34.24            | 85.81             | 96.90                   | ---             | ---         | Peak     |

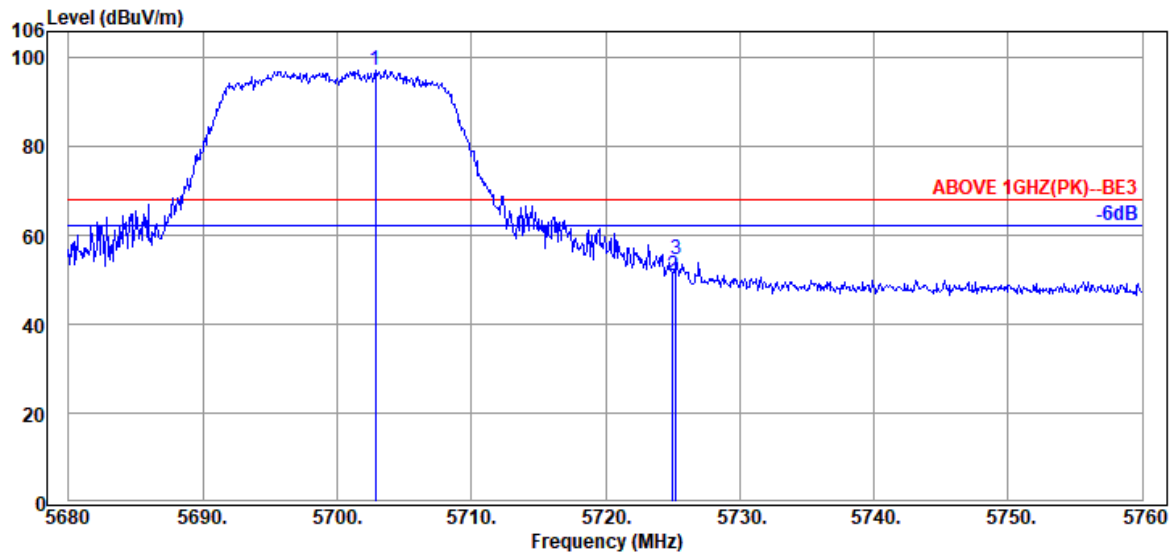


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5467.80                  | 34.47                 | 10.91           | 34.24            | 27.91             | 39.05                   | 54.00           | 14.95       | Average  |
| 5470.00                  | 34.47                 | 10.91           | 34.24            | 27.50             | 38.64                   | 54.00           | 15.36       | Average  |
| @ 5501.60                | 34.40                 | 10.93           | 34.24            | 76.79             | 87.88                   | ---             | ---         | Average  |

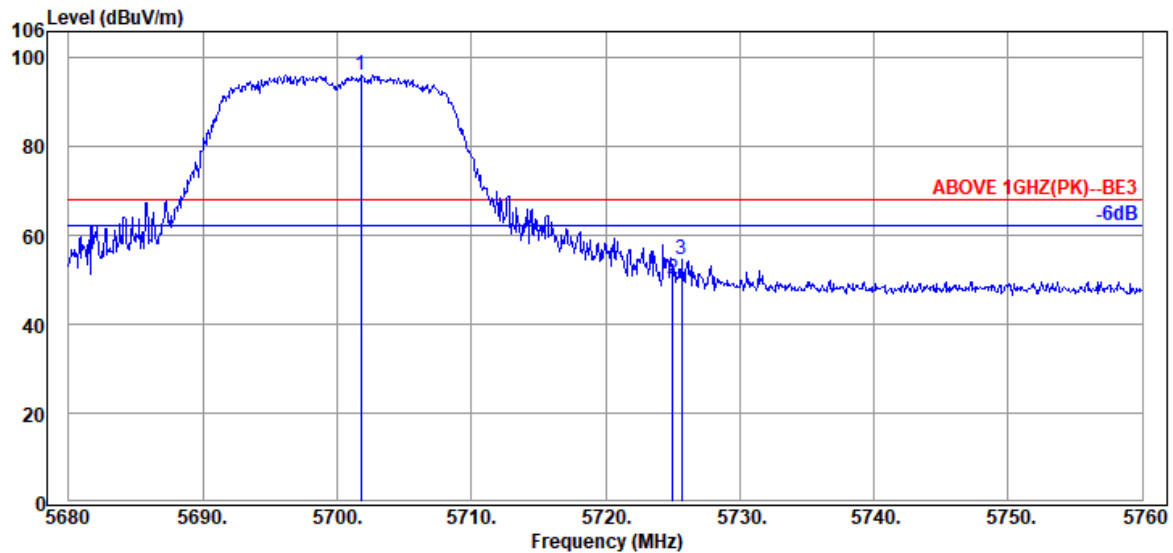
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | III        |
| Mode | 802.11n-HT20 | Frequency  | TX 5700MHz |



Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5702.88                  | 34.40                 | 11.03           | 34.31            | 86.22             | 97.34                   | ---             | ---         | Peak     |
|   | 5725.04                  | 34.67                 | 11.05           | 34.32            | 39.58             | 50.98                   | 68.20           | 17.22       | Peak     |
|   | 5725.28                  | 34.67                 | 11.05           | 34.32            | 43.08             | 54.48                   | 68.20           | 13.72       | Peak     |

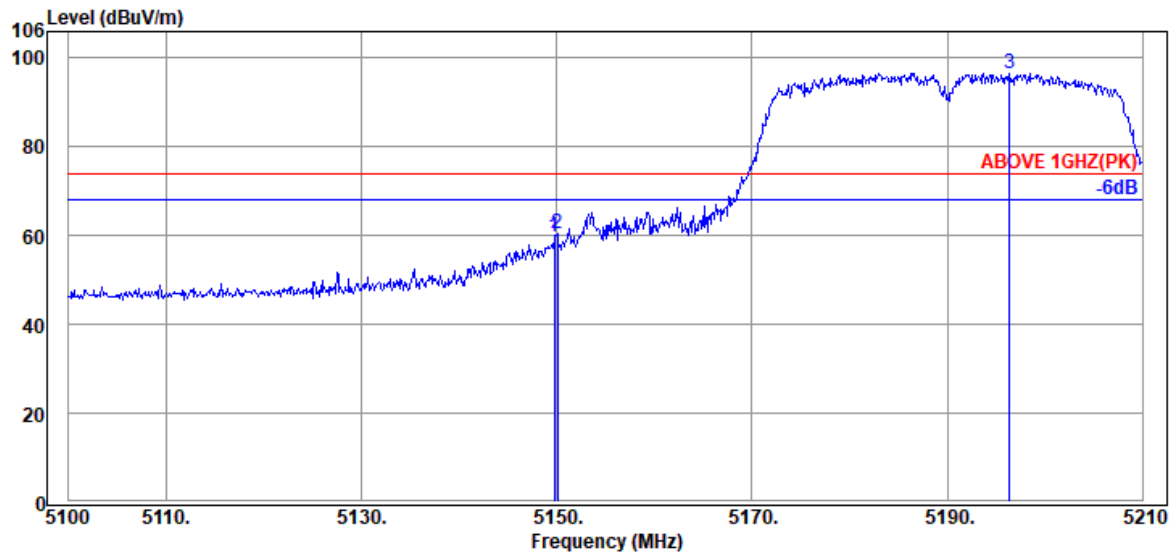


Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5701.76                  | 34.40                 | 11.03           | 34.31            | 84.96             | 96.08                   | ---             | ---         | Peak     |
|   | 5725.04                  | 34.67                 | 11.05           | 34.32            | 38.88             | 50.28                   | 68.20           | 17.92       | Peak     |
|   | 5725.68                  | 34.67                 | 11.05           | 34.32            | 43.23             | 54.63                   | 68.20           | 13.57       | Peak     |

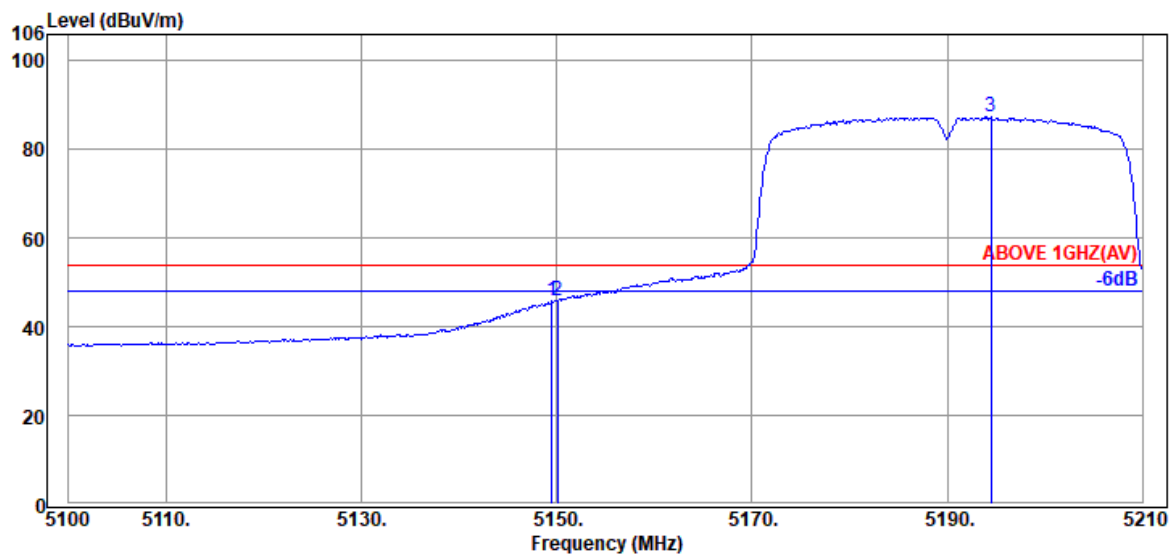
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | I          |
| Mode | 802.11n-HT40 | Frequency  | TX 5190MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5149.72                  | 34.20                 | 10.70           | 34.35            | 49.25             | 59.80                   | 74.00           | 14.20       | Peak     |
| 5150.05                  | 34.20                 | 10.70           | 34.35            | 49.83             | 60.38                   | 74.00           | 13.62       | Peak     |
| @ 5196.36                | 34.20                 | 10.74           | 34.33            | 85.93             | 96.54                   | ---             | ---         | Peak     |

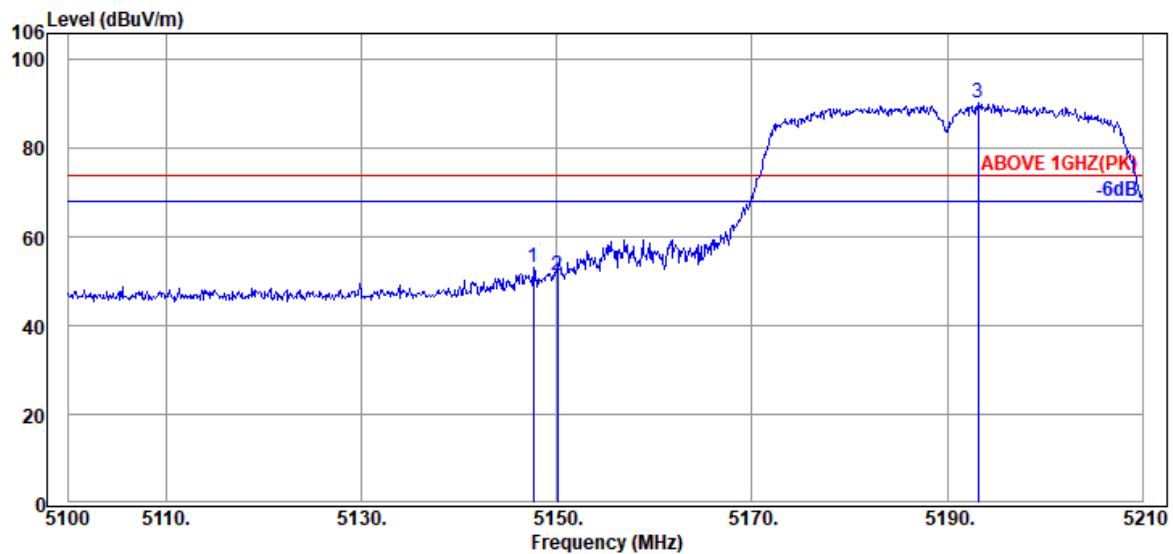


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5149.50                  | 34.20                 | 10.70           | 34.35            | 35.46             | 46.01                   | 54.00           | 7.99        | Average  |
| 5150.05                  | 34.20                 | 10.70           | 34.35            | 35.29             | 45.84                   | 54.00           | 8.16        | Average  |
| @ 5194.49                | 34.20                 | 10.74           | 34.34            | 76.72             | 87.32                   | ---             | ---         | Average  |

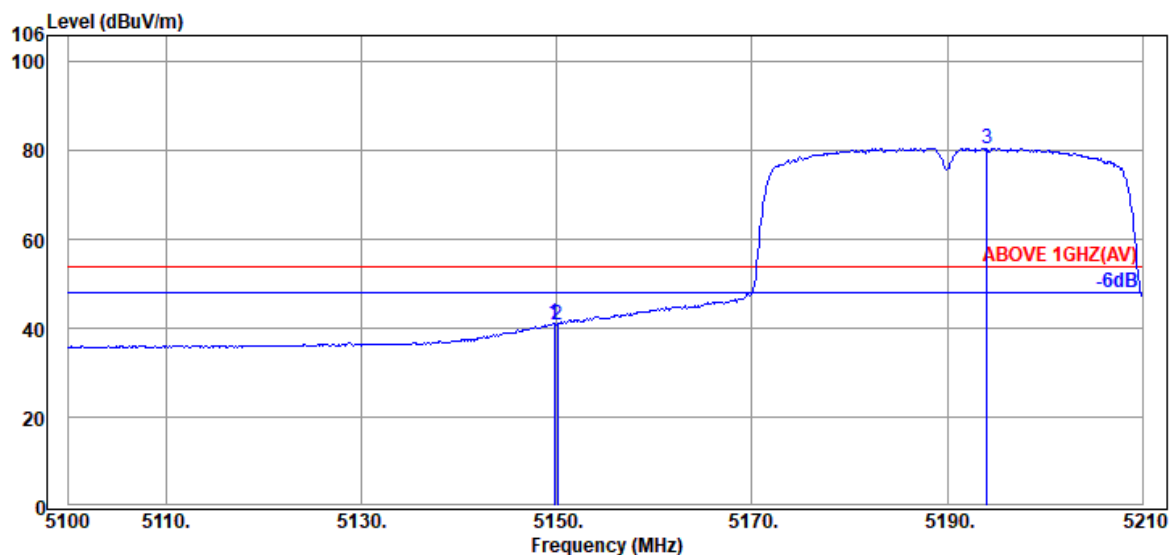
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | I          |
| Mode | 802.11n-HT40 | Frequency  | TX 5190MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5147.63                  | 34.20                 | 10.70           | 34.35            | 42.80             | 53.35                   | 74.00           | 20.65       | Peak     |
| 5150.05                  | 34.20                 | 10.70           | 34.35            | 40.93             | 51.48                   | 74.00           | 22.52       | Peak     |
| @ 5193.17                | 34.20                 | 10.74           | 34.34            | 79.63             | 90.23                   | ---             | ---         | Peak     |

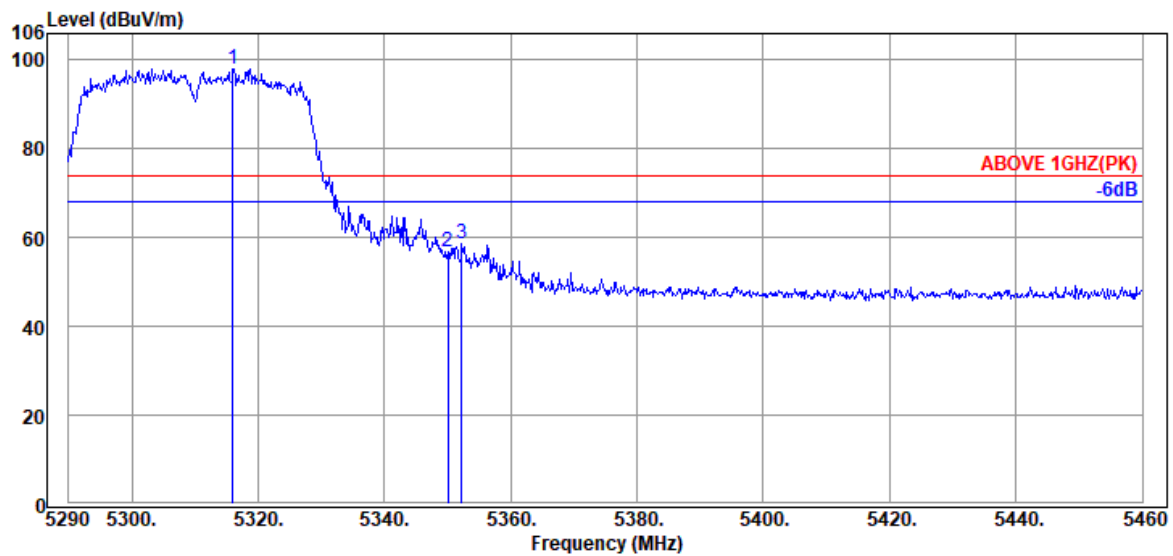


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5149.72                  | 34.20                 | 10.70           | 34.35            | 30.53             | 41.08                   | 54.00           | 12.92       | Average  |
| 5150.05                  | 34.20                 | 10.70           | 34.35            | 30.37             | 40.92                   | 54.00           | 13.08       | Average  |
| @ 5194.05                | 34.20                 | 10.74           | 34.34            | 70.07             | 80.67                   | ---             | ---         | Average  |

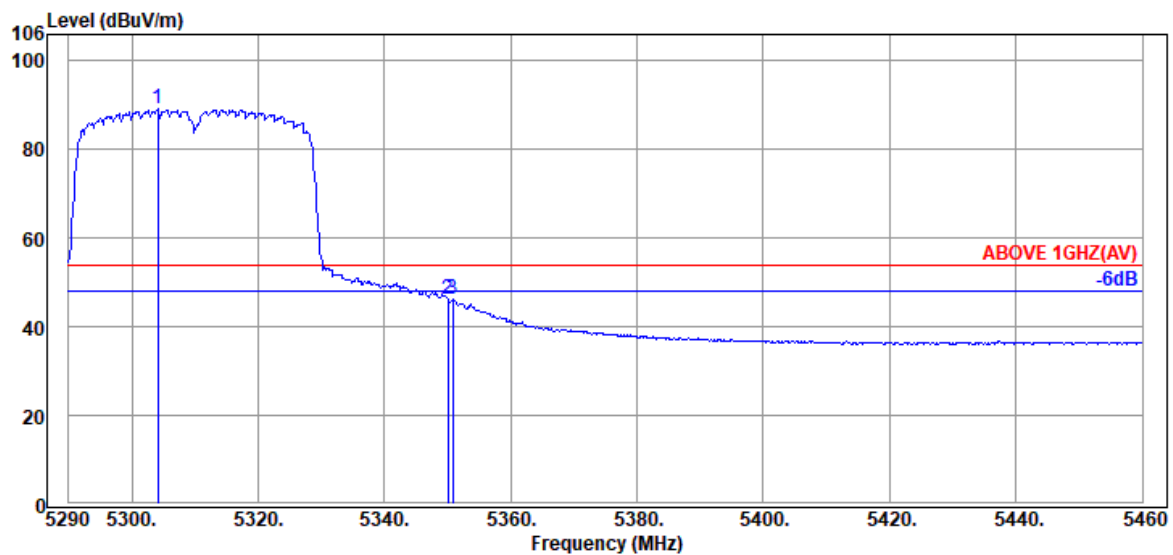
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | II         |
| Mode | 802.11n-HT40 | Frequency  | TX 5310MHz |



Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5316.01                  | 34.53                 | 10.81           | 34.29            | 87.05             | 98.10                   | ---             | ---         | Peak     |
|   | 5350.01                  | 34.60                 | 10.83           | 34.27            | 45.83             | 56.99                   | 74.00           | 17.01       | Peak     |
|   | 5352.22                  | 34.60                 | 10.83           | 34.27            | 47.32             | 58.48                   | 74.00           | 15.52       | Peak     |

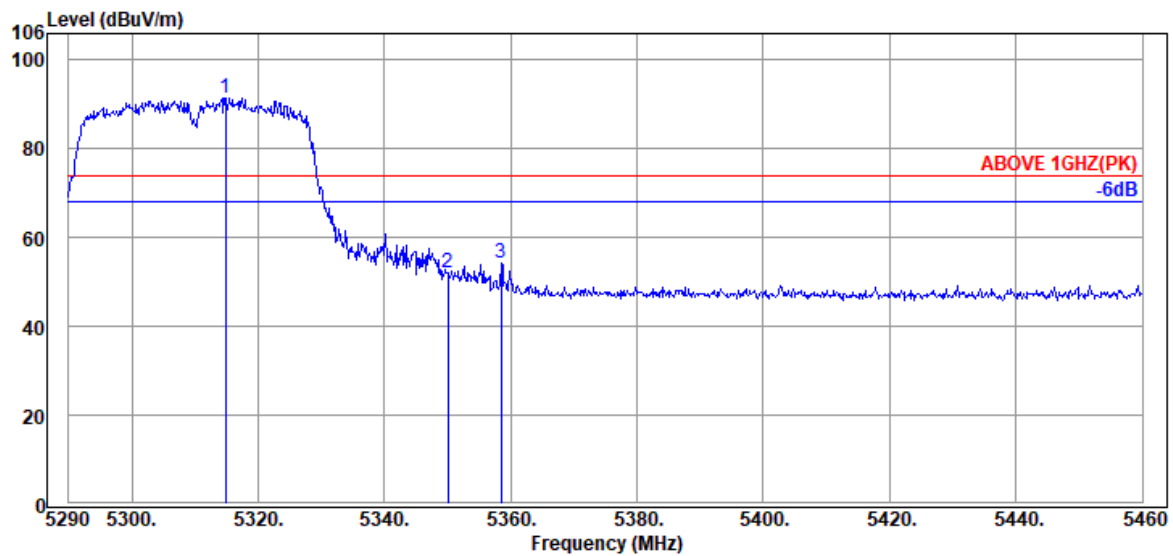


Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5304.11                  | 34.50                 | 10.81           | 34.29            | 78.18             | 89.20                   | ---             | ---         | Average  |
|   | 5350.01                  | 34.60                 | 10.83           | 34.27            | 35.05             | 46.21                   | 54.00           | 7.79        | Average  |
|   | 5350.86                  | 34.60                 | 10.83           | 34.27            | 35.06             | 46.22                   | 54.00           | 7.78        | Average  |

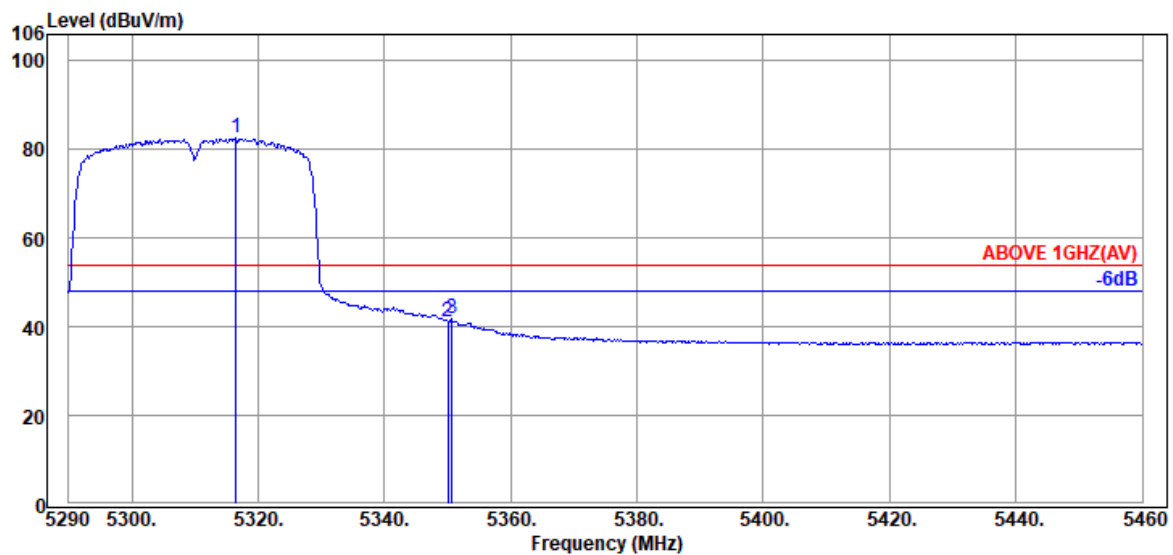
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | II         |
| Mode | 802.11n-HT40 | Frequency  | TX 5310MHz |



Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5314.82                  | 34.53                 | 10.81           | 34.29            | 80.55             | 91.60                   | ---             | ---         | Peak     |
|   | 5350.01                  | 34.60                 | 10.83           | 34.27            | 41.00             | 52.16                   | 74.00           | 21.84       | Peak     |
|   | 5358.51                  | 34.63                 | 10.85           | 34.27            | 43.13             | 54.34                   | 74.00           | 19.66       | Peak     |

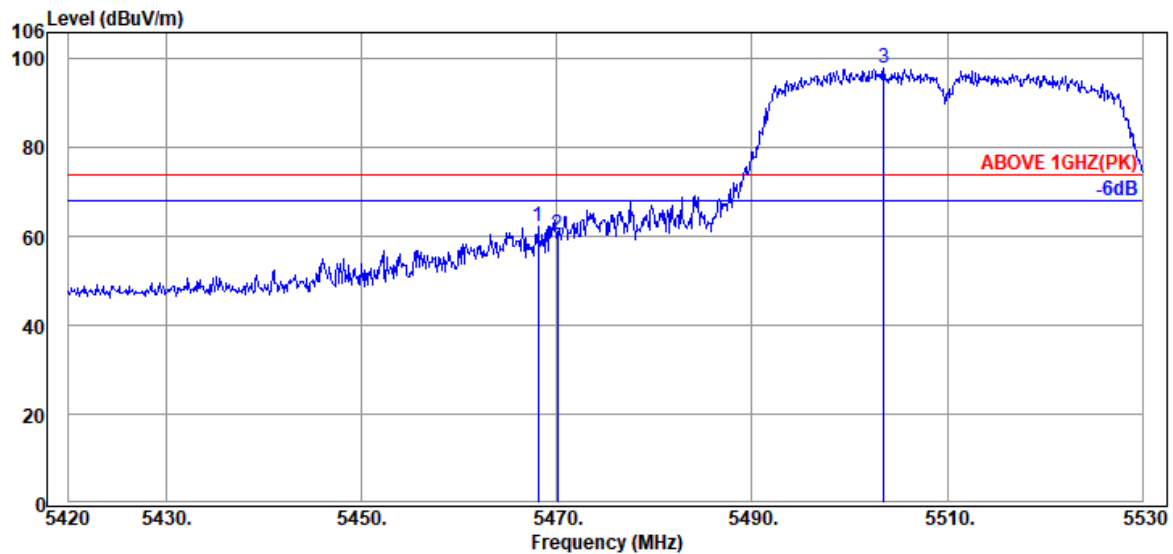


Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5316.52                  | 34.53                 | 10.81           | 34.29            | 71.63             | 82.68                   | ---             | ---         | Average  |
|   | 5350.01                  | 34.60                 | 10.83           | 34.27            | 29.89             | 41.05                   | 54.00           | 12.95       | Average  |
|   | 5350.69                  | 34.60                 | 10.83           | 34.27            | 30.69             | 41.85                   | 54.00           | 12.15       | Average  |

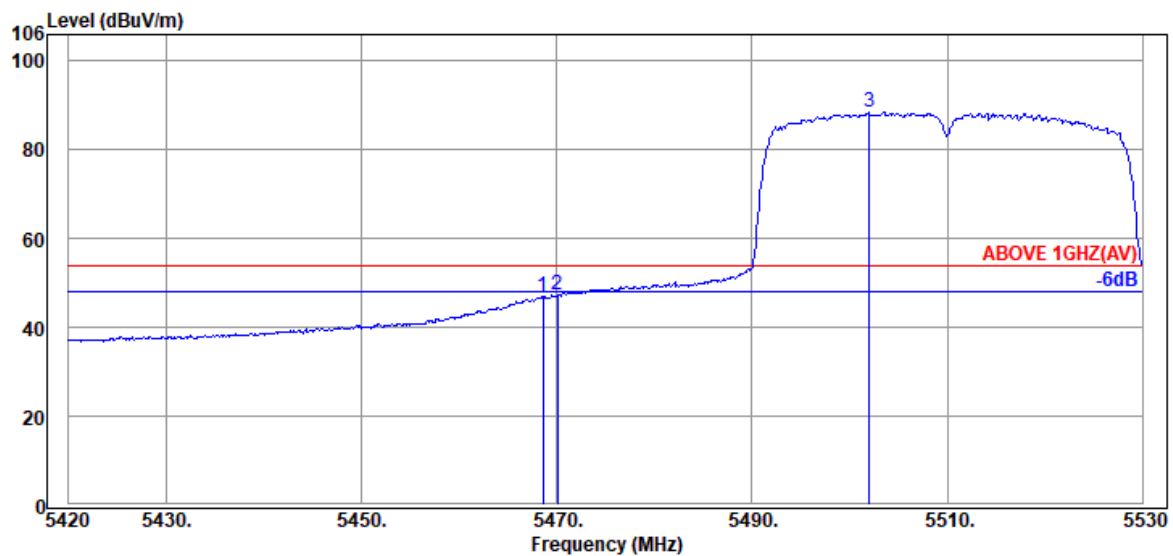
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | III        |
| Mode | 802.11n-HT40 | Frequency  | TX 5510MHz |



Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.07                  | 34.47                 | 10.91           | 34.24            | 51.33             | 62.47                   | 74.00           | 11.53       | Peak     |
| 5470.05                  | 34.47                 | 10.91           | 34.24            | 49.16             | 60.30                   | 74.00           | 13.70       | Peak     |
| @ 5503.49                | 34.40                 | 10.93           | 34.24            | 86.76             | 97.85                   | ---             | ---         | Peak     |

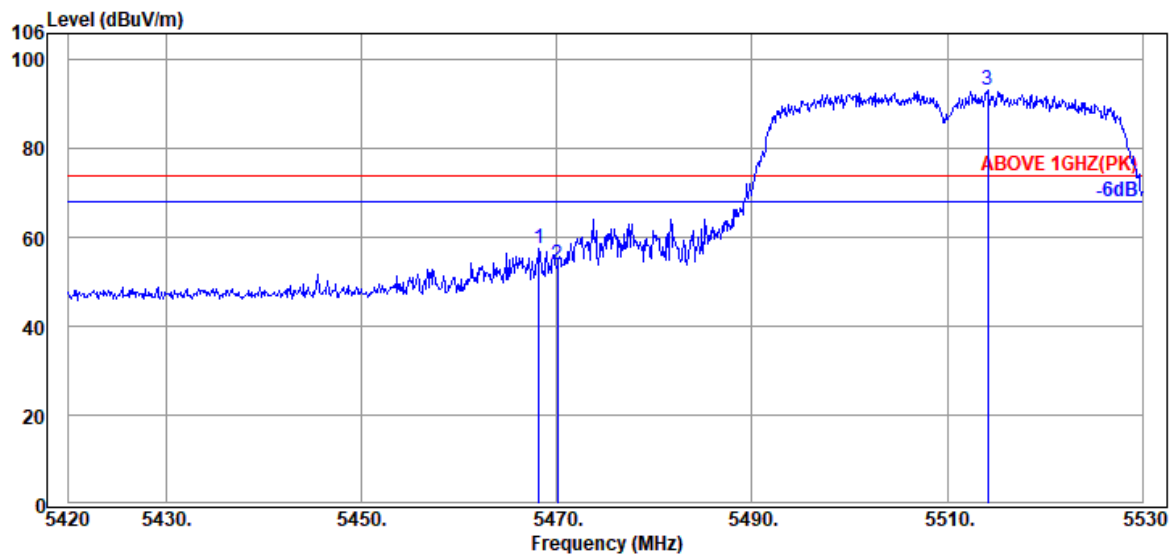


Antenna at Horizontal Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.62                  | 34.47                 | 10.91           | 34.24            | 35.96             | 47.10                   | 54.00           | 6.90        | Average  |
| 5470.05                  | 34.47                 | 10.91           | 34.24            | 36.09             | 47.23                   | 54.00           | 6.77        | Average  |
| @ 5502.06                | 34.40                 | 10.93           | 34.24            | 77.48             | 88.57                   | ---             | ---         | Average  |

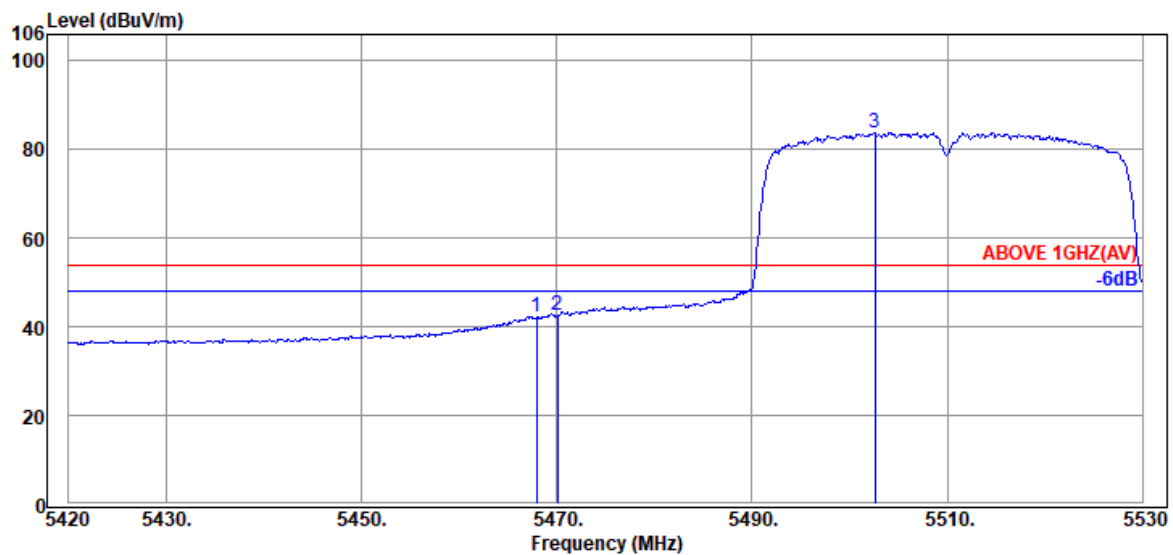
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | III        |
| Mode | 802.11n-HT40 | Frequency  | TX 5510MHz |



Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5468.18                  | 34.47                 | 10.91           | 34.24            | 46.42             | 57.56                   | 74.00           | 16.44       | Peak     |
| 5470.05                  | 34.47                 | 10.91           | 34.24            | 42.94             | 54.08                   | 74.00           | 19.92       | Peak     |
| @ 5514.16                | 34.37                 | 10.93           | 34.24            | 82.13             | 93.19                   | ---             | ---         | Peak     |

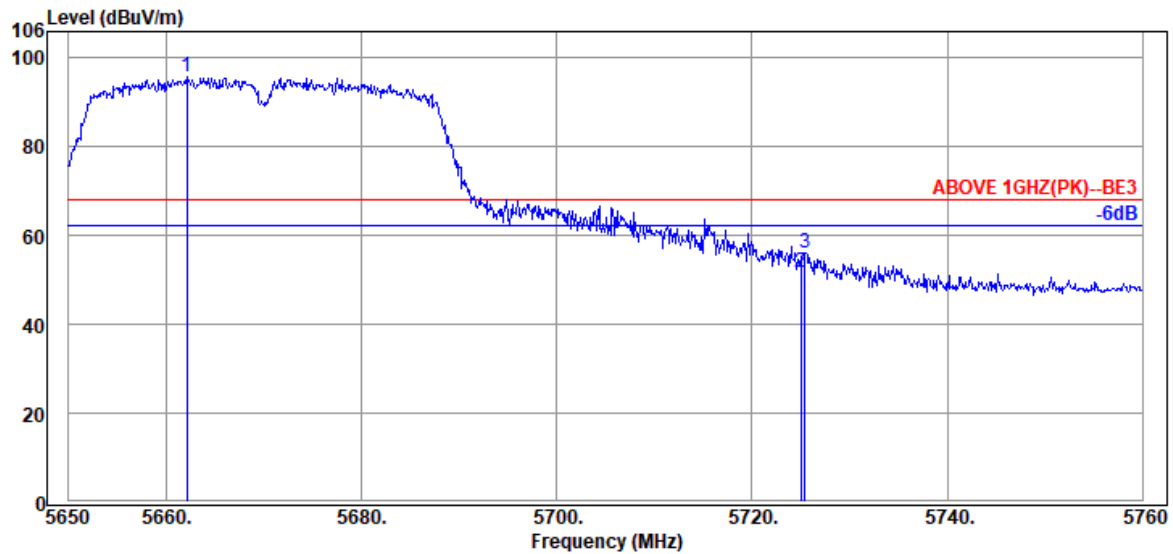


Antenna at Vertical Polarization

| Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| 5467.96                  | 34.47                 | 10.91           | 34.24            | 31.21             | 42.35                   | 54.00           | 11.65       | Average  |
| 5470.05                  | 34.47                 | 10.91           | 34.24            | 31.54             | 42.68                   | 54.00           | 11.32       | Average  |
| @ 5502.61                | 34.40                 | 10.93           | 34.24            | 72.72             | 83.81                   | ---             | ---         | Average  |

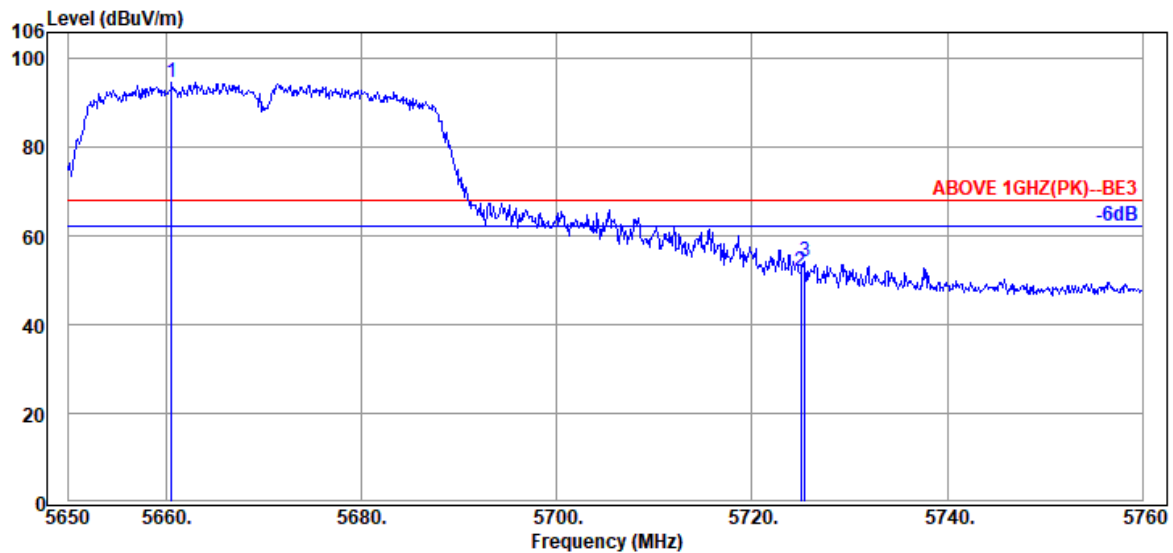
備註：“@”為主波，在此章節是不予以判定。

|      |              |            |            |
|------|--------------|------------|------------|
| 無線模組 | LBEE5ZZ1PJ   | U-NII Band | III        |
| Mode | 802.11n-HT40 | Frequency  | TX 5670MHz |



Antenna at Horizontal Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5662.10                  | 34.40                 | 11.01           | 34.30            | 84.60             | 95.71                   | ---             | ---         | Peak     |
|   | 5725.02                  | 34.67                 | 11.05           | 34.32            | 40.18             | 51.58                   | 68.20           | 16.62       | Peak     |
|   | 5725.46                  | 34.67                 | 11.05           | 34.32            | 44.67             | 56.07                   | 68.20           | 12.13       | Peak     |



Antenna at Vertical Polarization

|   | Emission Frequency (MHz) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Gain (dB) | Read Level (dBμV) | Emission Level (dBμV/m) | Limits (dBμV/m) | Margin (dB) | Detector |
|---|--------------------------|-----------------------|-----------------|------------------|-------------------|-------------------------|-----------------|-------------|----------|
| @ | 5660.56                  | 34.40                 | 11.01           | 34.30            | 83.58             | 94.69                   | ---             | ---         | Peak     |
|   | 5725.02                  | 34.67                 | 11.05           | 34.32            | 40.54             | 51.94                   | 68.20           | 16.26       | Peak     |
|   | 5725.46                  | 34.67                 | 11.05           | 34.32            | 42.72             | 54.12                   | 68.20           | 14.08       | Peak     |

備註：“@”為主波，在此章節是不予以判定。

## 2. 最大輸出功率及 26dB/6dB 頻寬之量測

|            |                                                                                                                                                                                               |        |                                                                             |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------|
| 測試日期       | 2021/07/02~09/16                                                                                                                                                                              | 環境溫/濕度 | 23~24°C/53~55%                                                              |
| 測試電壓       | AC 110V 60Hz                                                                                                                                                                                  | 測試人員   | (1)Hua Wu (2)Sam Chang                                                      |
| Duty Cycle | <b>WM-BAC-AT-49:</b><br>802.11a: 0.963, 802.11n-HT20: 0.956<br>802.11n-HT40: 0.909, 802.11ac-VHT80: 0.789<br><b>LBEE5ZZ1PJ:</b><br>802.11a: 0.945, 802.11n-HT20: 0.941<br>802.11n-HT40: 0.883 | 電纜損失   | <b>WM-BAC-AT-49:</b><br>2.86 dB or 3.15 dB<br><b>LBEE5ZZ1PJ:</b><br>4.23 dB |

### 2.1. 最大輸出功率及 26dB/6dB 頻寬

#### ● 無線模組: WM-BAC-AT-49

| 無線模組 WM-BAC-AT-49 |       |           |        |                      |           |              |                      |              |                         |
|-------------------|-------|-----------|--------|----------------------|-----------|--------------|----------------------|--------------|-------------------------|
| 模式<br>802.11a     | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) |           | 10 log (1/X) | Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band        | (MHz) | 26dB      | 99%    | Antenna 0            | Antenna 1 |              |                      |              |                         |
| I                 | 5180  | 21.05     | 16.463 | 8.01                 | 8.23      | 0.16         | 11.29                | 24           | N/A                     |
|                   | 5200  | 21.27     | 16.466 | 8.25                 | 8.33      |              | 11.46                |              |                         |
|                   | 5240  | 20.98     | 16.497 | 8.23                 | 8.33      |              | 11.45                |              |                         |
| II                | 5260  | 21.19     | 16.501 | 9.36                 | 9.68      |              | 12.69                | 24           | 24.26                   |
|                   | 5300  | 21.01     | 16.492 | 9.87                 | 9.98      |              | 13.10                |              | 24.22                   |
|                   | 5320  | 21.08     | 16.496 | 10.01                | 10.05     |              | 13.20                |              | 24.24                   |
| III               | 5500  | 20.49     | 16.441 | 11.72                | 10.69     |              | 14.41                | 24           | 24.12                   |
|                   | 5580  | 21.07     | 16.434 | 12.12                | 10.90     |              | 14.72                |              | 24.24                   |
|                   | 5700  | 20.83     | 16.427 | 12.11                | 10.82     |              | 14.68                |              | 24.19                   |
| 模式<br>802.11a     | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) |           | 10 log (1/X) | Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band        | (MHz) | 6dB       | 99%    | Antenna 0            | Antenna 1 |              |                      |              |                         |
| IV                | 5745  | 15.44     | 16.389 | 11.98                | 10.70     | 0.16         | 14.56                | 30           | N/A                     |
|                   | 5785  | 16.33     | 16.412 | 11.85                | 10.48     |              | 14.39                |              |                         |
|                   | 5825  | 16.36     | 16.422 | 11.76                | 10.41     |              | 14.31                |              |                         |

註1: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor 10log(1/x)。

(x=duty cycle, B=26dB發射頻寬)

| 無線模組 WM-BAC-AT-49  |       |           |        |                      |           |              |                      |              |                         |
|--------------------|-------|-----------|--------|----------------------|-----------|--------------|----------------------|--------------|-------------------------|
| 模式<br>802.11n-HT20 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) |           | 10 log (1/X) | Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band         | (MHz) | 26dB      | 99%    | Antenna 0            | Antenna 1 |              |                      |              |                         |
| I                  | 5180  | 20.43     | 17.650 | 8.09                 | 8.07      | 0.2          | 11.29                | 24           | N/A                     |
|                    | 5200  | 21.88     | 17.647 | 8.22                 | 8.22      |              | 11.43                |              |                         |
|                    | 5240  | 20.97     | 17.617 | 8.21                 | 7.94      |              | 11.29                |              |                         |
| II                 | 5260  | 21.32     | 17.656 | 8.85                 | 9.26      |              | 12.27                | 24           | 24.29                   |
|                    | 5300  | 21.15     | 17.689 | 9.56                 | 9.65      |              | 12.82                |              | 24.25                   |
|                    | 5320  | 20.57     | 17.662 | 9.68                 | 9.77      |              | 12.94                |              | 24.13                   |
| III                | 5500  | 20.88     | 17.695 | 11.62                | 10.57     |              | 14.34                | 24           | 24.20                   |
|                    | 5580  | 21.52     | 17.613 | 12.01                | 10.70     |              | 14.61                |              | 24.33                   |
|                    | 5700  | 20.81     | 17.623 | 12.10                | 10.77     |              | 14.70                |              | 24.18                   |
| 模式<br>802.11n-HT20 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) |           | 10 log (1/X) | Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band         | (MHz) | 6dB       | 99%    | Antenna 0            | Antenna 1 |              |                      |              |                         |
| IV                 | 5745  | 15.15     | 17.672 | 11.90                | 10.75     | 0.2          | 14.57                | 30           | N/A                     |
|                    | 5785  | 17.52     | 17.635 | 11.72                | 10.31     |              | 14.28                |              |                         |
|                    | 5825  | 17.20     | 17.639 | 11.70                | 10.44     |              | 14.33                |              |                         |

註 1: 當 Duty cycle<98%, 最大輸出功率必需要加上 duty cycle factor 10log(1/x)。  
(x=duty cycle, B=26dB 發射頻寬)

| 無線模組 WM-BAC-AT-49  |       |           |        |                      |           |              |                      |              |                         |
|--------------------|-------|-----------|--------|----------------------|-----------|--------------|----------------------|--------------|-------------------------|
| 模式<br>802.11n-HT40 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) |           | 10 log (1/X) | Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band         | (MHz) | 26dB      | 99%    | Antenna 0            | Antenna 1 |              |                      |              |                         |
| I                  | 5190  | 40.63     | 36.170 | 6.12                 | 6.70      | 0.41         | 9.84                 | 24           | N/A                     |
|                    | 5230  | 40.65     | 36.152 | 8.71                 | 8.73      |              | 12.14                |              |                         |
| II                 | 5270  | 40.43     | 36.223 | 8.78                 | 8.56      |              | 12.09                | 24           | 27.07                   |
|                    | 5310  | 40.26     | 36.211 | 9.29                 | 8.92      |              | 12.53                |              | 27.05                   |
| III                | 5510  | 40.63     | 36.153 | 9.01                 | 7.85      |              | 11.89                | 24           | 27.09                   |
|                    | 5590  | 40.30     | 36.195 | 11.71                | 10.01     |              | 14.36                |              | 27.05                   |
|                    | 5670  | 40.39     | 36.215 | 10.58                | 8.95      |              | 13.26                |              | 27.06                   |
| 模式<br>802.11n-HT40 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) |           | 10 log (1/X) | Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band         | (MHz) | 6dB       | 99%    | Antenna 0            | Antenna 1 |              |                      |              |                         |
| IV                 | 5755  | 36.31     | 36.171 | 10.59                | 9.05      | 0.41         | 13.31                | 30           | N/A                     |
|                    | 5795  | 36.42     | 36.202 | 11.32                | 9.67      |              | 13.99                |              |                         |

註 1: 當 Duty cycle<98%, 最大輸出功率必需要加上 duty cycle factor 10log(1/x)。  
(x=duty cycle, B=26dB 發射頻寬)

| 無線模組 WM-BAC-AT-49    |       |           |        |                      |           |              |                      |              |                         |
|----------------------|-------|-----------|--------|----------------------|-----------|--------------|----------------------|--------------|-------------------------|
| 模式<br>802.11ax-VHT80 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) |           | 10 log (1/X) | Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band           | (MHz) | 26dB      | 99%    | Antenna 0            | Antenna 1 |              |                      |              |                         |
| I                    | 5210  | 81.68     | 75.271 | 4.69                 | 4.56      | 1.03         | 8.67                 | 24           | N/A                     |
| II                   | 5290  | 81.44     | 75.381 | 6.60                 | 6.47      |              | 10.58                | 24           | 30.11                   |
| III                  | 5530  | 80.25     | 75.416 | 6.23                 | 5.13      |              | 9.76                 | 24           | 30.04                   |
|                      | 5610  | 80.62     | 75.186 | 9.53                 | 7.71      |              | 12.75                |              | 30.06                   |
| 模式<br>802.11ax-VHT80 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) |           | 10 log (1/X) | Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band           | (MHz) | 6dB       | 99%    | Antenna 0            | Antenna 1 |              |                      |              |                         |
| IV                   | 5755  | 71.28     | 75.164 | 9.28                 | 7.90      | 1.03         | 12.68                | 30           | N/A                     |

註1: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor 10log(1/x)。  
(x=duty cycle, B=26dB發射頻寬)

● 無線模組: LBEE5ZZ1PJ

| 無線模組 LBEE5ZZ1PJ |       |           |        |                      |              |                        |              |                         |
|-----------------|-------|-----------|--------|----------------------|--------------|------------------------|--------------|-------------------------|
| 模式<br>802.11a   | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) | 10 log (1/X) | 最大Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band      | (MHz) | 26dB      | 99%    |                      |              |                        |              |                         |
| I               | 5180  | 19.37     | 16.279 | 11.50                | 0.25         | 11.75                  | 24           | N/A                     |
|                 | 5200  | 19.27     | 16.279 | 11.16                |              | 11.41                  |              |                         |
|                 | 5240  | 19.29     | 16.281 | 11.36                |              | 11.61                  |              |                         |
| II              | 5260  | 19.65     | 16.277 | 11.42                |              | 11.67                  | 24           | 23.93                   |
|                 | 5300  | 19.34     | 16.289 | 12.08                |              | 12.33                  |              | 23.86                   |
|                 | 5320  | 19.56     | 16.284 | 11.90                |              | 12.15                  |              | 23.91                   |
| III             | 5500  | 19.39     | 16.294 | 12.05                |              | 12.30                  | 24           | 23.88                   |
|                 | 5580  | 19.32     | 16.282 | 12.09                |              | 12.34                  |              | 23.86                   |
|                 | 5700  | 19.48     | 16.296 | 11.25                |              | 11.50                  |              | 23.90                   |
| 模式<br>802.11a   | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) | 10 log (1/X) | 最大Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band      | (MHz) | 6dB       | 99%    |                      |              |                        |              |                         |
| IV              | 5745  | 15.45     | 16.280 | 11.97                | 0.25         | 12.22                  | 30           | N/A                     |
|                 | 5785  | 15.34     | 16.272 | 11.41                |              | 11.66                  |              |                         |
|                 | 5825  | 15.36     | 16.279 | 11.20                |              | 11.45                  |              |                         |

註1: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor 10log(1/x)。  
(x=duty cycle, B=26dB發射頻寬)

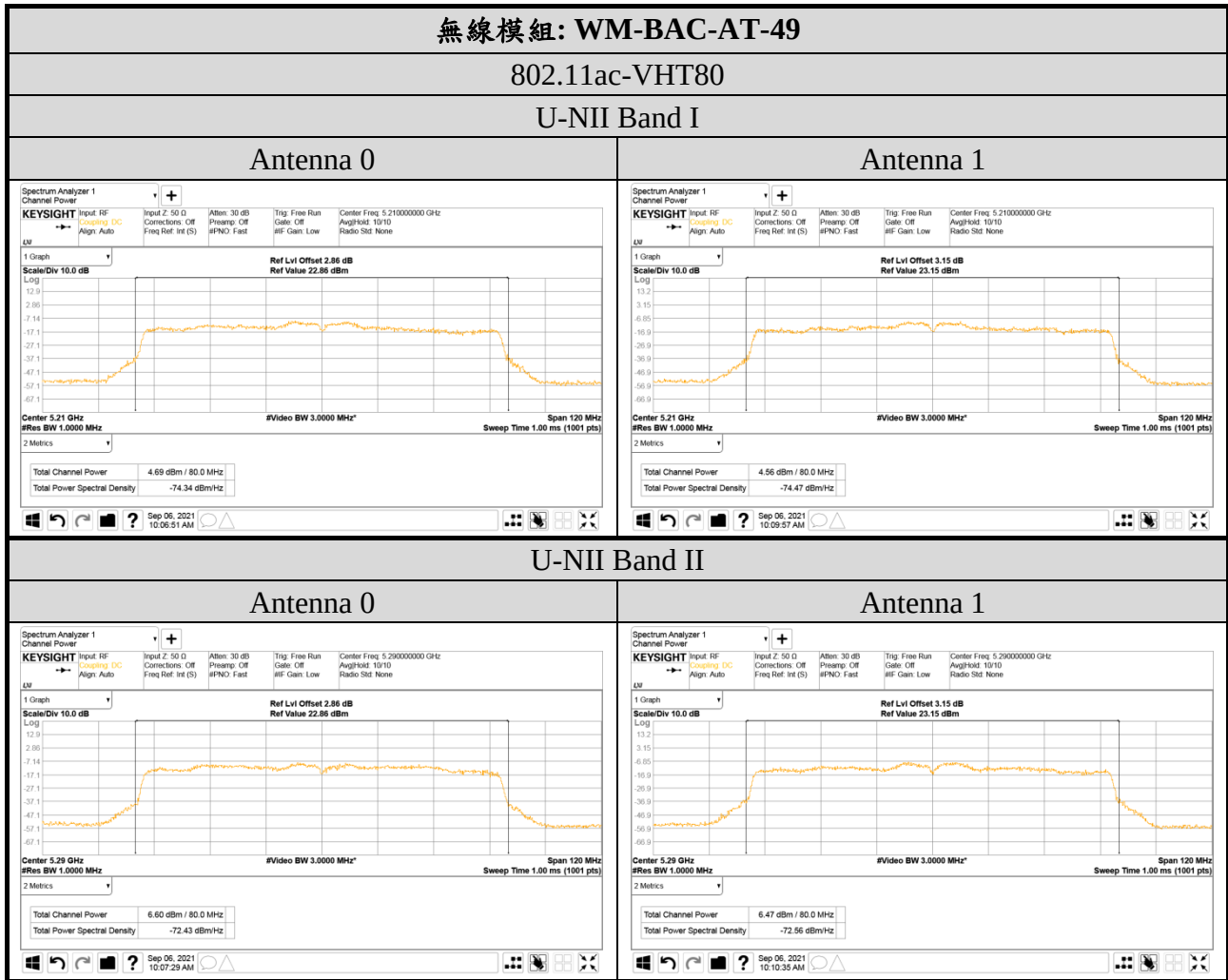
| 無線模組 LBEE5ZZ1PJ    |       |           |        |                      |              |                        |              |                         |
|--------------------|-------|-----------|--------|----------------------|--------------|------------------------|--------------|-------------------------|
| 模式<br>802.11n-HT20 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) | 10 log (1/X) | 最大Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band         | (MHz) | 26dB      | 99%    |                      |              |                        |              |                         |
| I                  | 5180  | 20.23     | 17.424 | 11.34                | 0.26         | 11.60                  | 24           | N/A                     |
|                    | 5200  | 20.17     | 17.439 | 12.01                |              | 12.27                  |              |                         |
|                    | 5240  | 20.19     | 17.458 | 11.20                |              | 11.46                  |              |                         |
| II                 | 5260  | 20.36     | 17.443 | 11.23                |              | 11.49                  | 24           | 24.09                   |
|                    | 5300  | 20.21     | 17.429 | 11.95                |              | 12.21                  |              | 24.06                   |
|                    | 5320  | 20.27     | 17.445 | 11.67                |              | 11.93                  |              | 24.07                   |
| III                | 5500  | 20.48     | 17.427 | 11.77                |              | 12.03                  | 24           | 24.11                   |
|                    | 5580  | 20.43     | 17.438 | 12.03                |              | 12.29                  |              | 24.10                   |
|                    | 5700  | 20.35     | 17.451 | 11.11                |              | 11.37                  |              | 24.09                   |
| 模式<br>802.11n-HT20 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) | 10 log (1/X) | 最大Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band         | (MHz) | 6dB       | 99%    |                      |              |                        |              |                         |
| IV                 | 5745  | 15.11     | 17.447 | 11.75                | 0.26         | 12.01                  | 30           | N/A                     |
|                    | 5785  | 15.13     | 17.435 | 11.28                |              | 11.54                  |              |                         |
|                    | 5825  | 15.44     | 17.447 | 11.12                |              | 11.38                  |              |                         |

註1: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor 10log(1/x)。  
(x=duty cycle, B=26dB發射頻寬)

| 無線模組 LBEE5ZZ1PJ    |       |           |        |                      |              |                        |              |                         |
|--------------------|-------|-----------|--------|----------------------|--------------|------------------------|--------------|-------------------------|
| 模式<br>802.11n-HT40 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) | 10 log (1/X) | 最大Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band         | (MHz) | 26dB      | 99%    |                      |              |                        |              |                         |
| I                  | 5190  | 42.77     | 36.038 | 11.03                | 0.54         | 11.57                  | 24           | N/A                     |
|                    | 5230  | 47.78     | 36.005 | 11.46                |              | 12.00                  |              |                         |
| II                 | 5270  | 41.62     | 35.989 | 11.42                |              | 11.96                  | 24           | 27.19                   |
|                    | 5310  | 42.17     | 36.028 | 11.07                |              | 11.61                  |              | 27.25                   |
| III                | 5510  | 41.66     | 36.030 | 10.92                |              | 11.46                  | 24           | 27.20                   |
|                    | 5590  | 41.19     | 35.977 | 11.06                |              | 11.60                  |              | 27.15                   |
|                    | 5670  | 41.59     | 36.027 | 11.10                |              | 11.64                  |              | 27.19                   |
| 模式<br>802.11n-HT40 | 測試頻率  | 發射頻寬(MHz) |        | Average輸出功率<br>(dBm) | 10 log (1/X) | 最大Average輸出功率<br>(dBm) | 限制值<br>(dBm) | 限制值<br>(11dBm+10 log B) |
| U-NII Band         | (MHz) | 6dB       | 99%    |                      |              |                        |              |                         |
| IV                 | 5755  | 35.20     | 35.800 | 11.17                | 0.54         | 11.71                  | 30           | N/A                     |
|                    | 5795  | 35.17     | 35.761 | 11.12                |              | 11.66                  |              |                         |

註1: 當Duty cycle<98%, 最大輸出功率必需要加上duty cycle factor 10log(1/x)。  
(x=duty cycle, B=26dB發射頻寬)

## 2.2. 最大輸出功率之量測圖

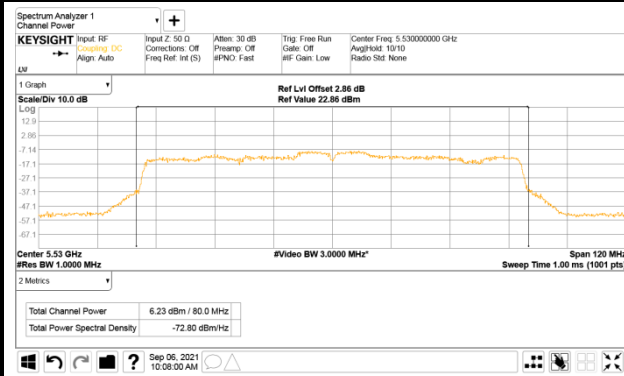


# 無線模組: WM-BAC-AT-49

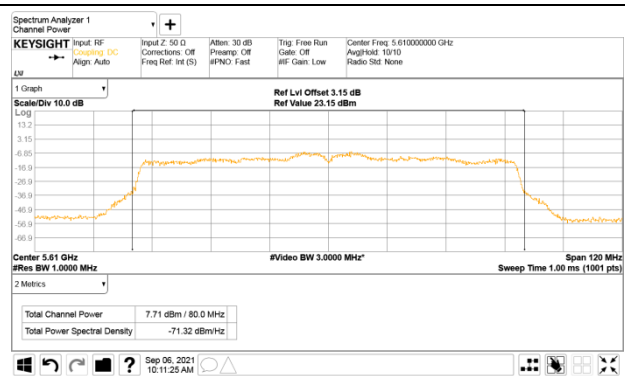
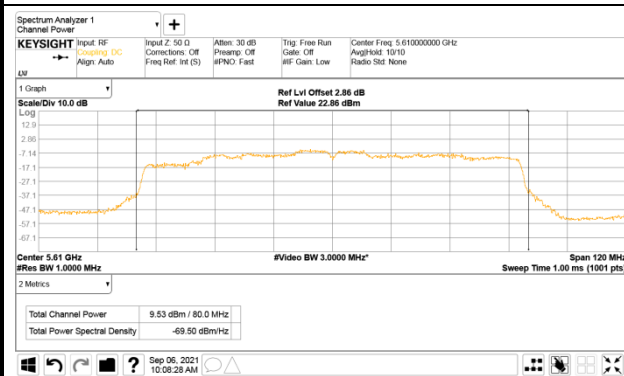
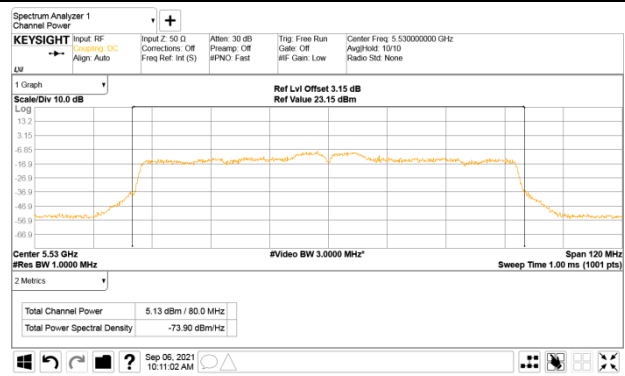
802.11ac-VHT80

U-NII Band III

Antenna 0

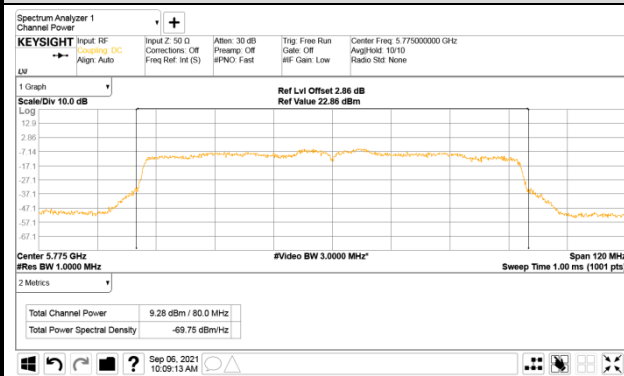


Antenna 1

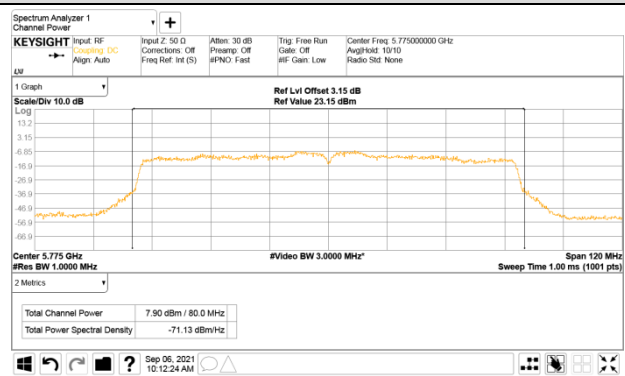


U-NII Band IV

Antenna 0

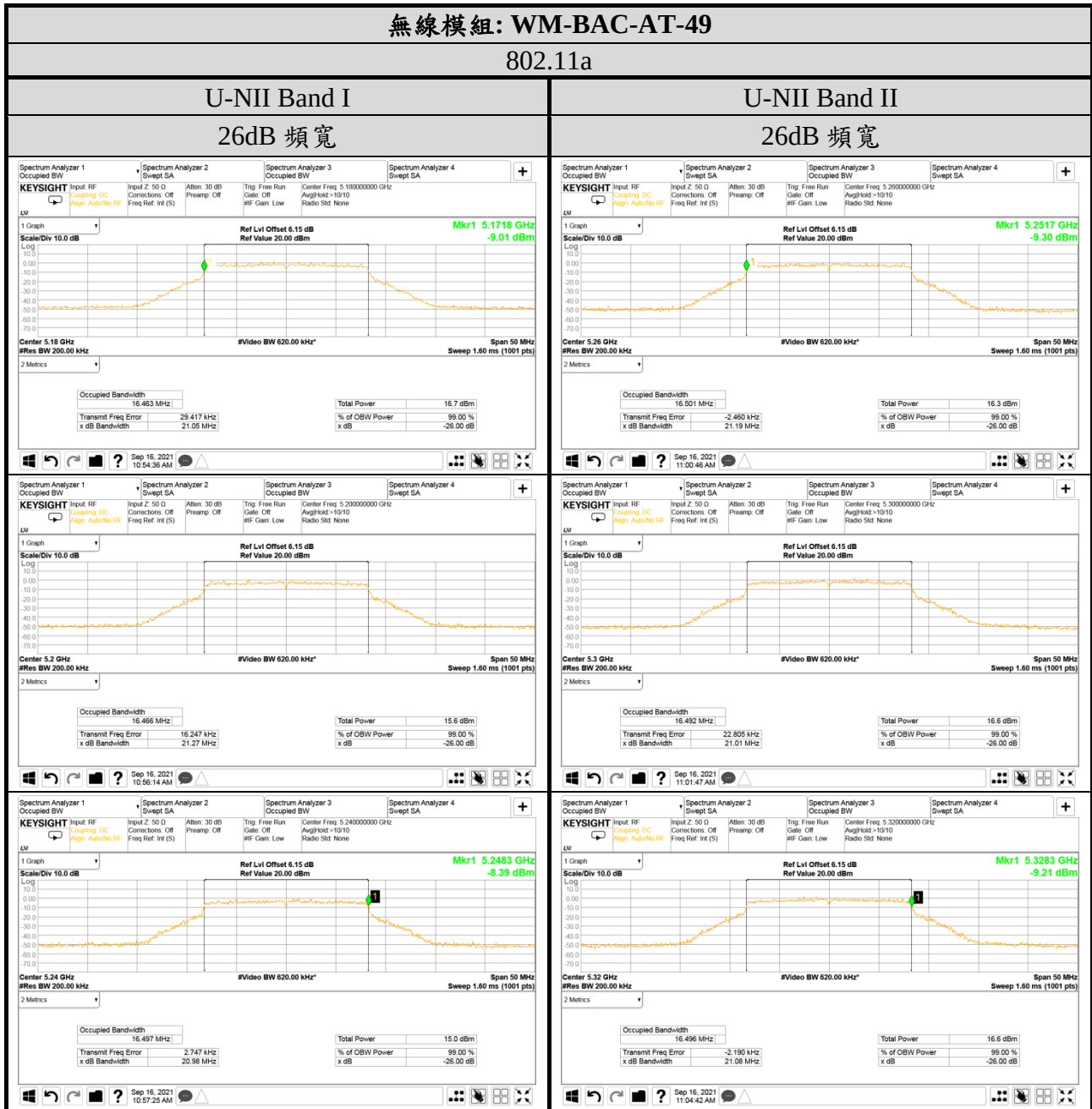


Antenna 1



## 2.3. 26dB/6dB 頻寬之量測圖

### ● 無線模組: WM-BAC-AT-49

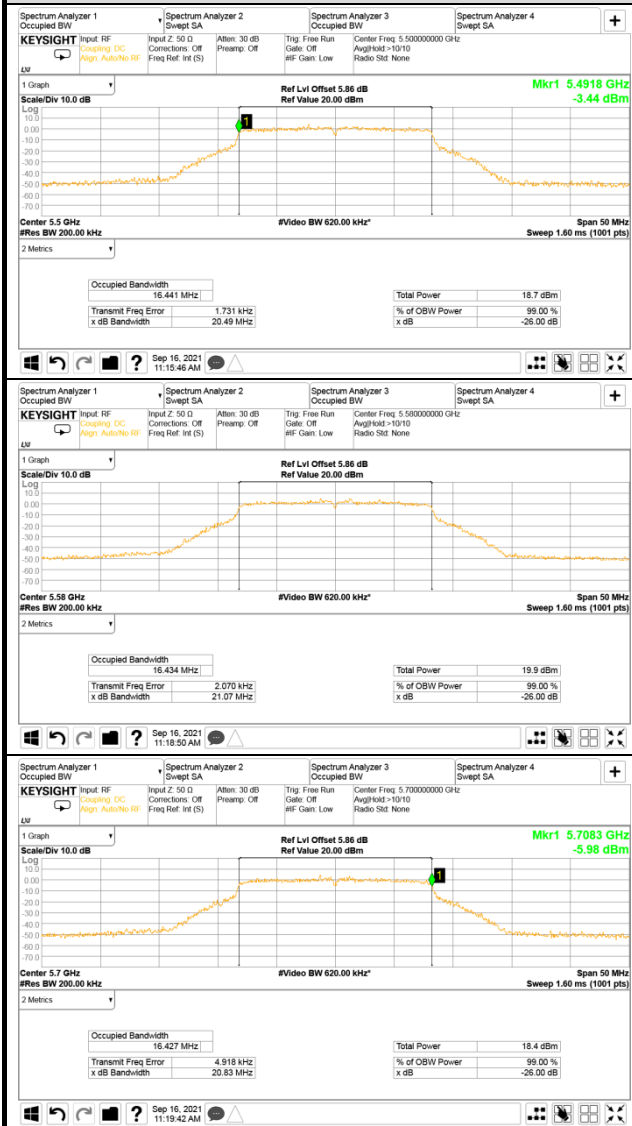


# 無線模組: WM-BAC-AT-49

802.11a

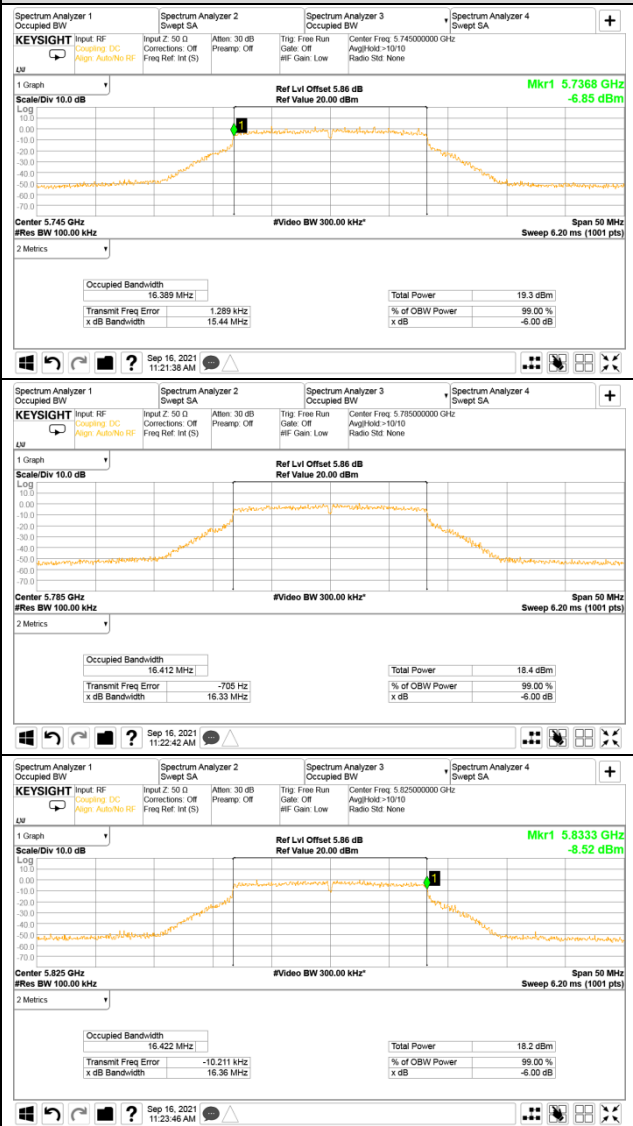
## U-NII Band III

26dB 頻寬



## U-NII Band IV

6dB 頻寬

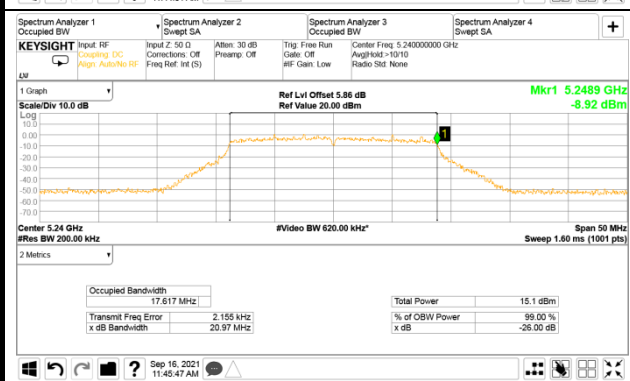
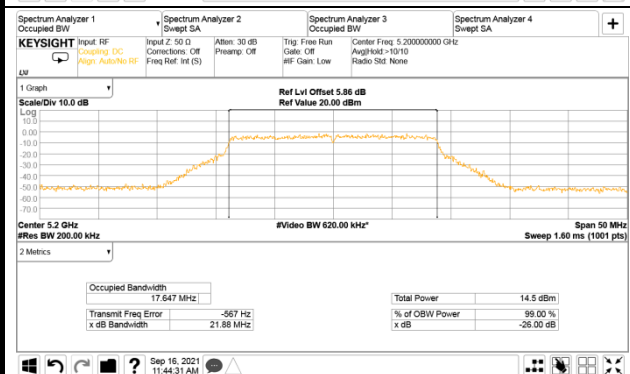
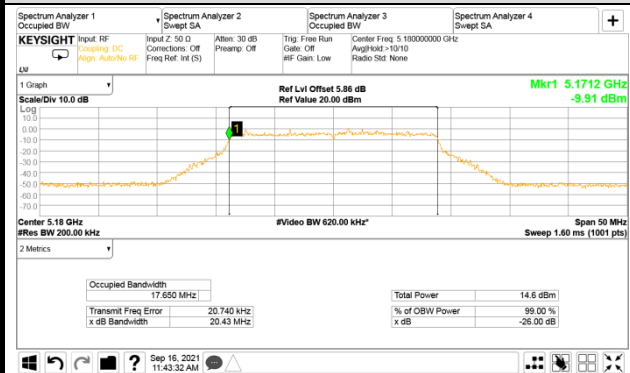


# 無線模組: WM-BAC-AT-49

802.11n-HT20

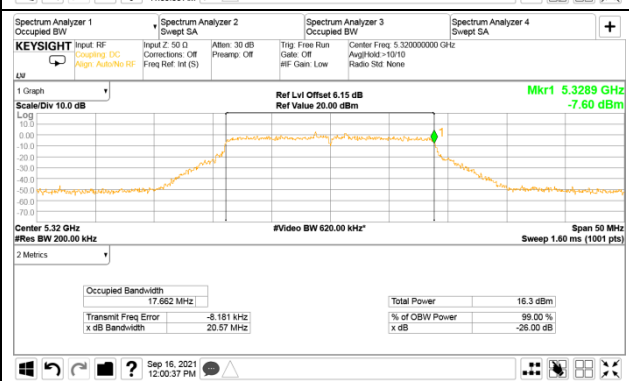
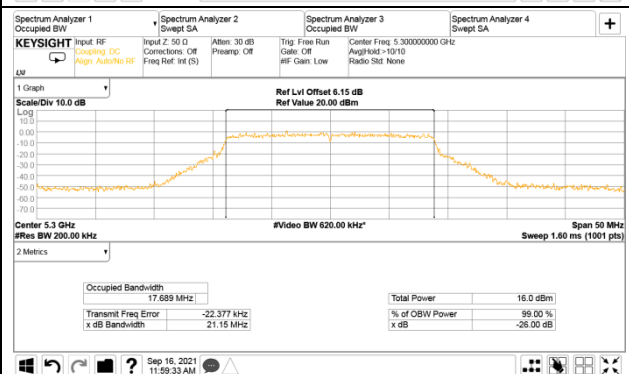
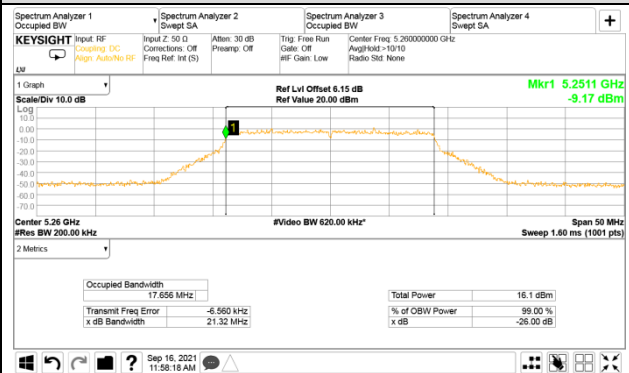
## U-NII Band I

26dB 頻寬



## U-NII Band II

26dB 頻寬

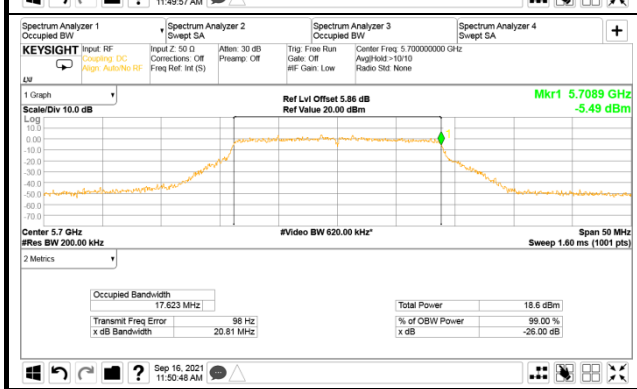
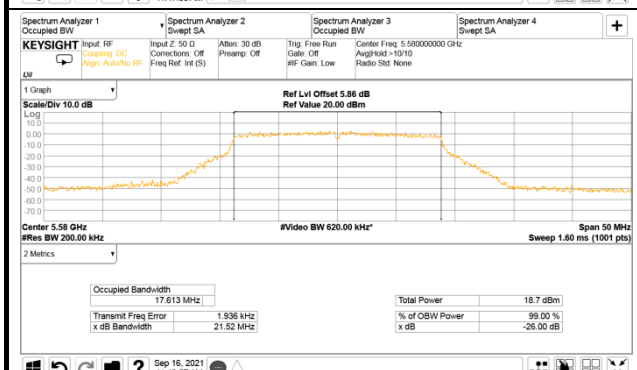
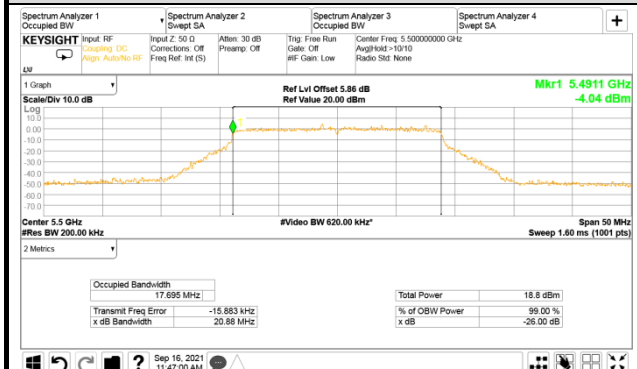


# 無線模組: WM-BAC-AT-49

802.11n-HT20

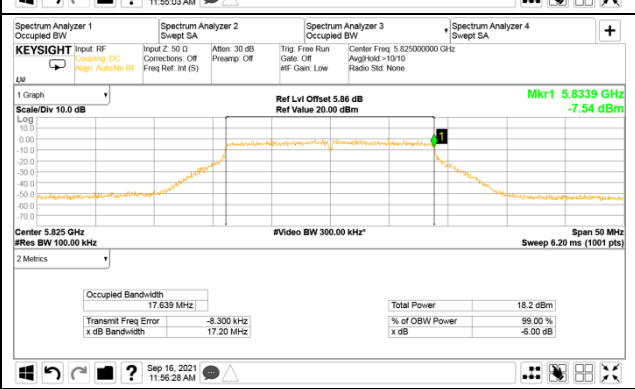
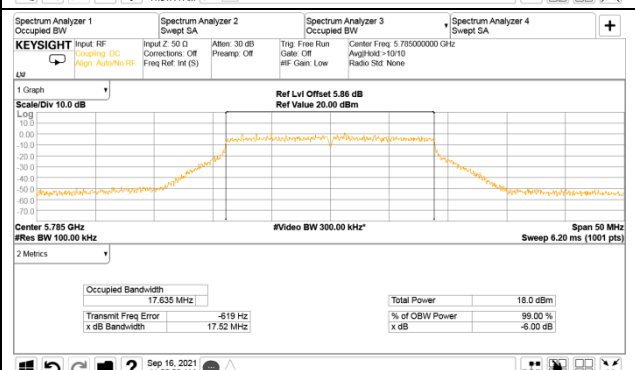
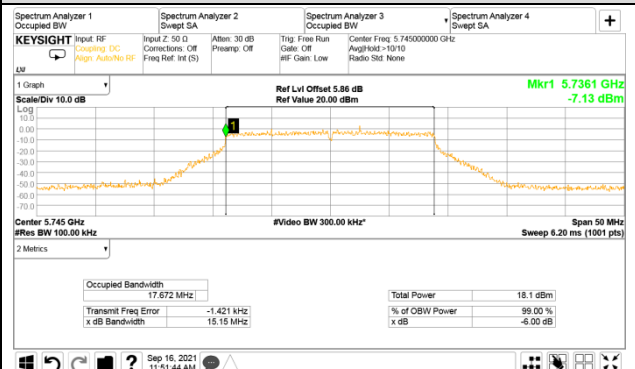
## U-NII Band III

26dB 頻寬



## U-NII Band IV

6dB 頻寬

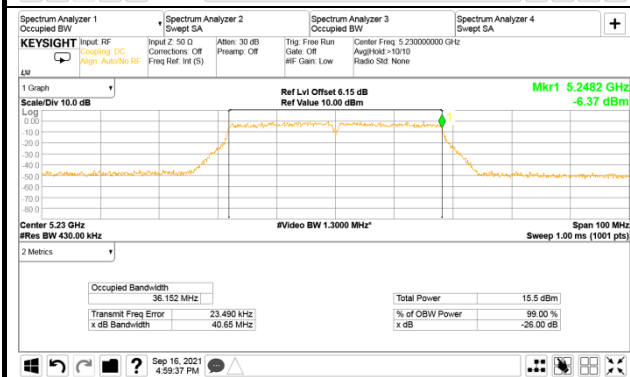
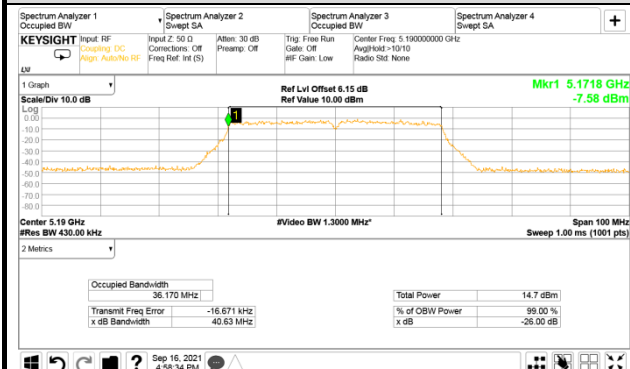


# 無線模組: WM-BAC-AT-49

802.11n-HT40

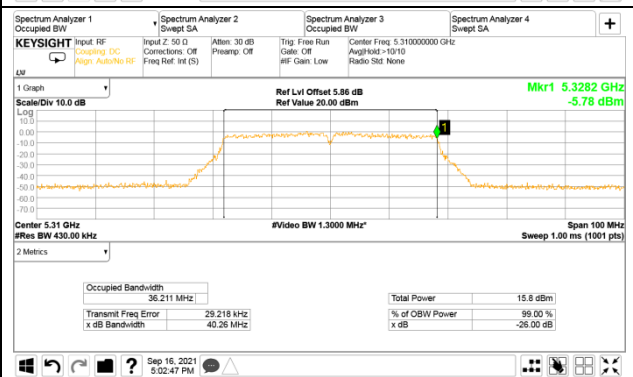
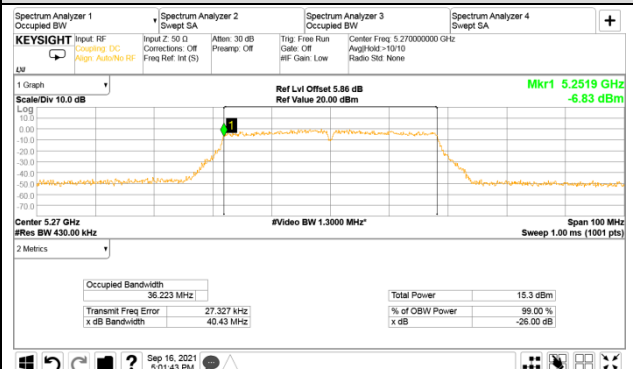
## U-NII Band I

26dB 頻寬



## U-NII Band II

26dB 頻寬

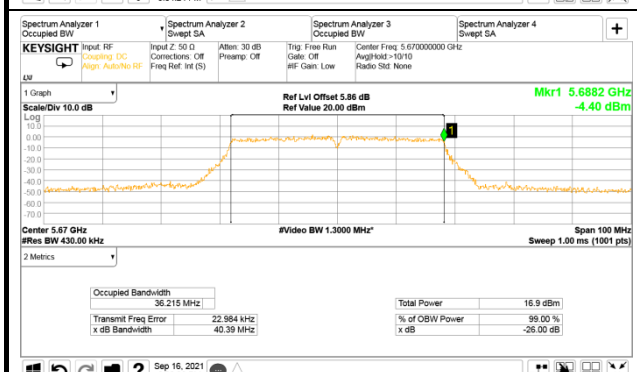
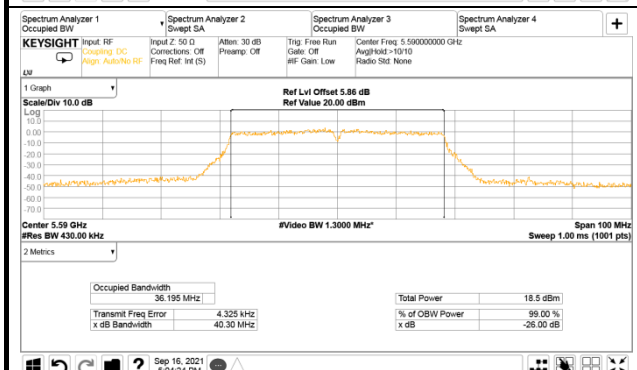
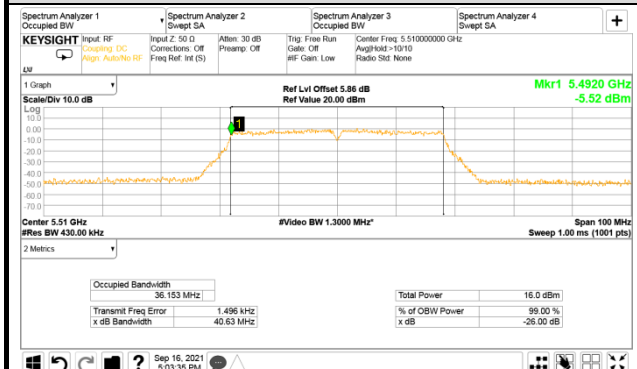


# 無線模組: WM-BAC-AT-49

802.11n-HT40

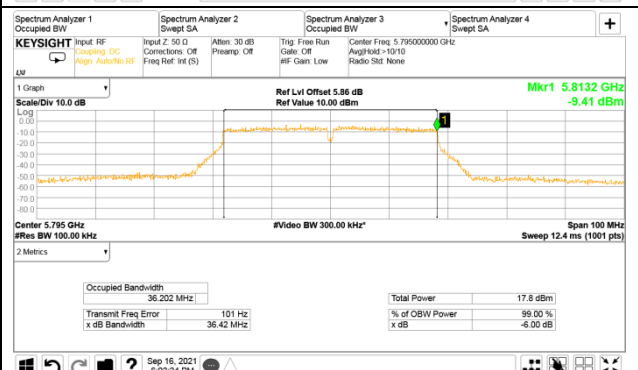
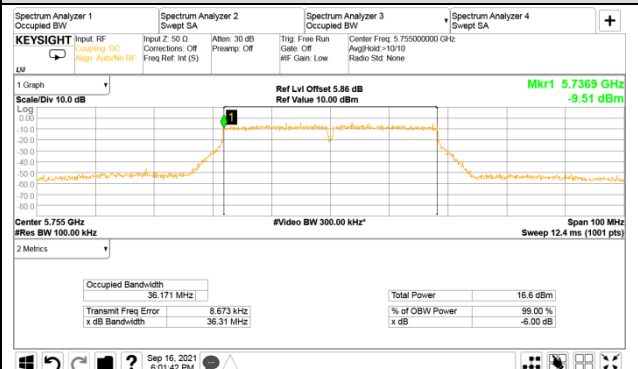
## U-NII Band III

26dB 頻寬



## U-NII Band IV

6dB 頻寬

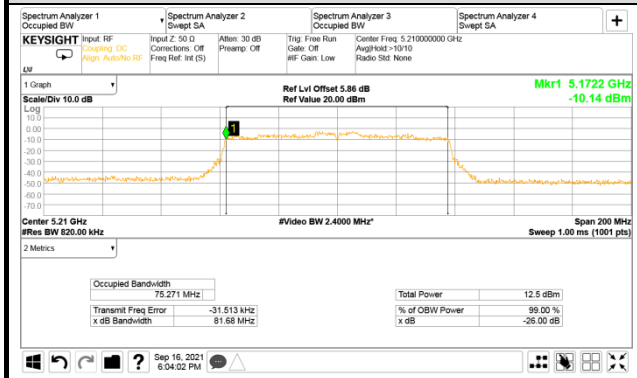


## 無線模組: WM-BAC-AT-49

802.11ac-VHT80

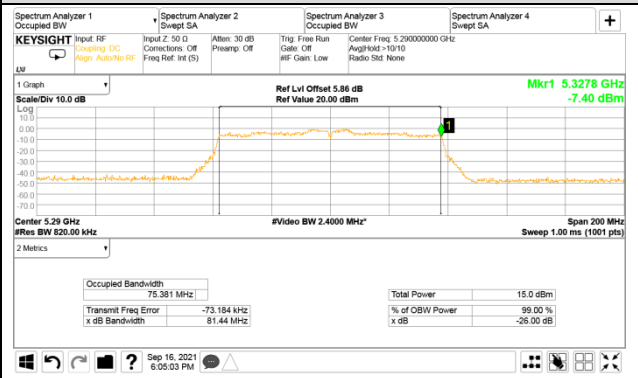
### U-NII Band I

26dB 頻寬



### U-NII Band II

26dB 頻寬

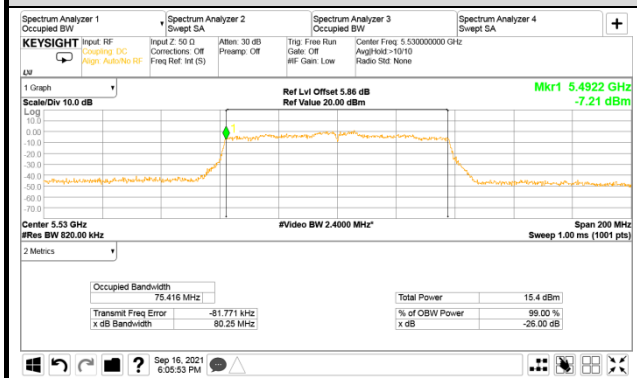


## 無線模組: WM-BAC-AT-49

802.11ac-VHT80

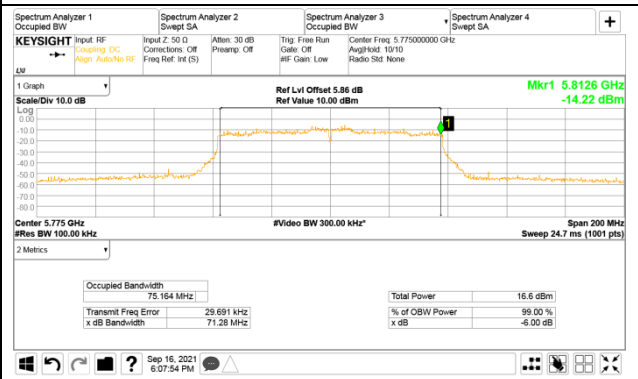
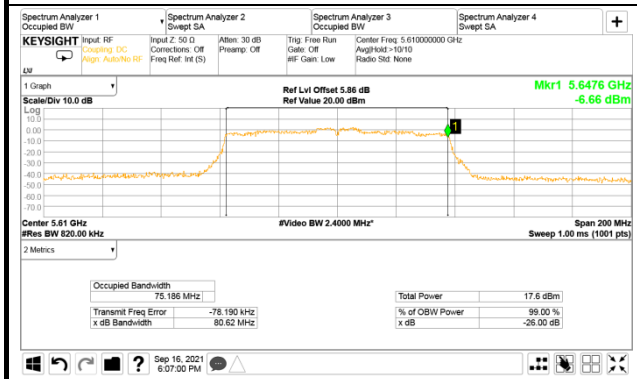
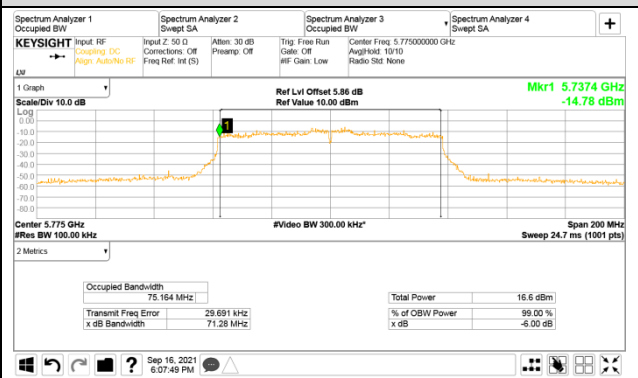
### U-NII Band III

26dB 頻寬

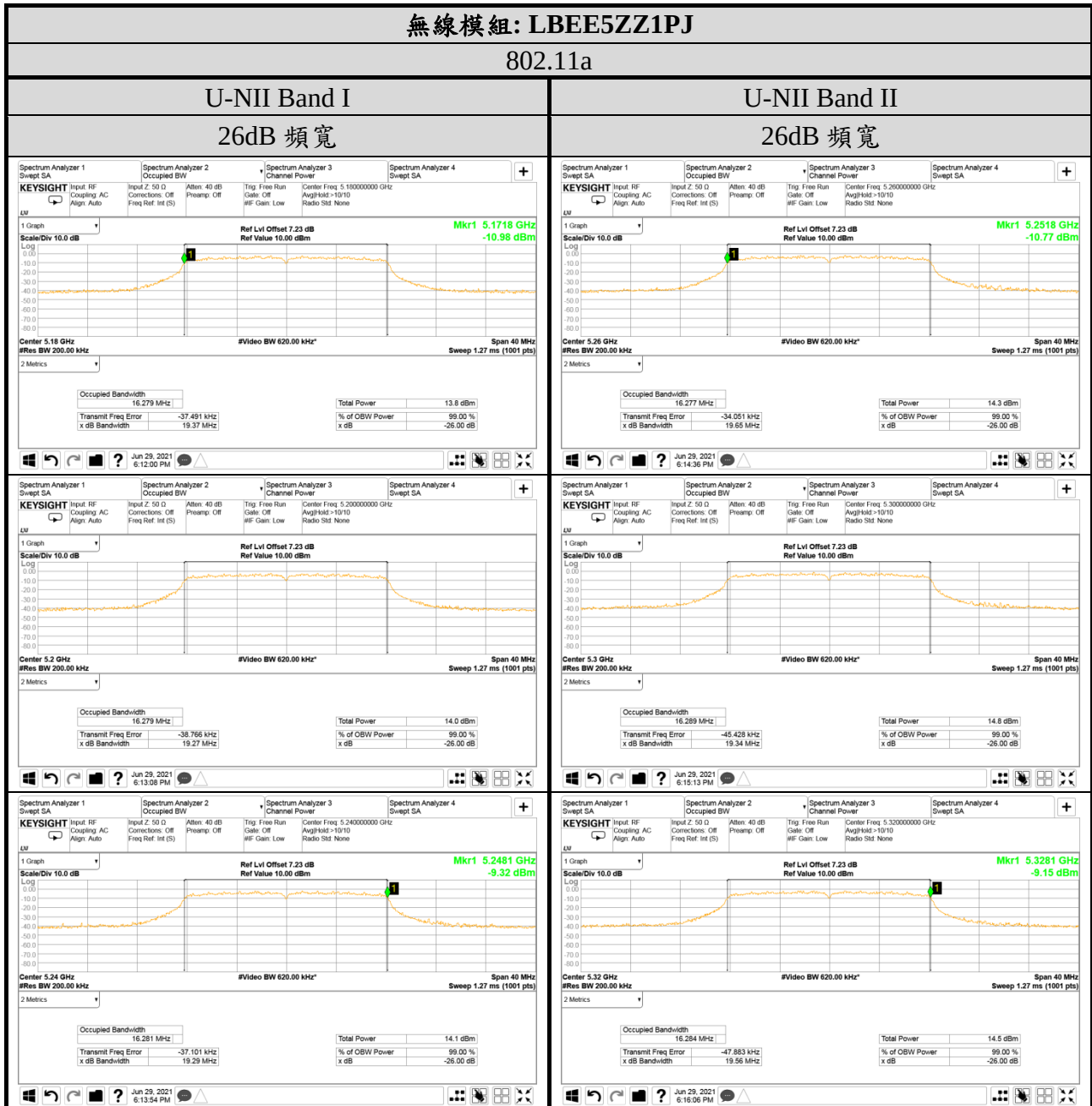


### U-NII Band IV

6dB 頻寬



● 無線模組: LBEE5ZZ1PJ

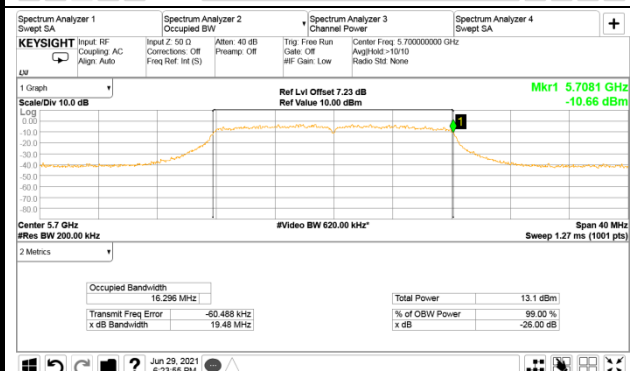
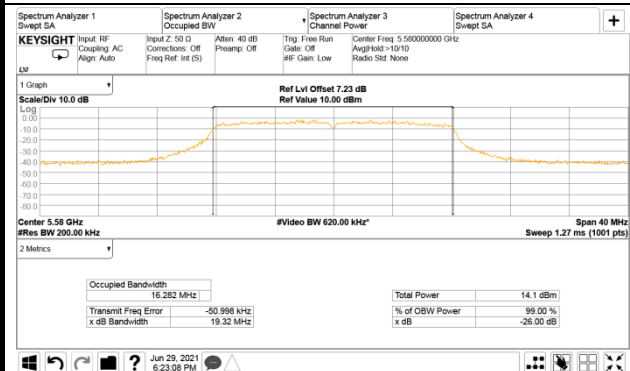
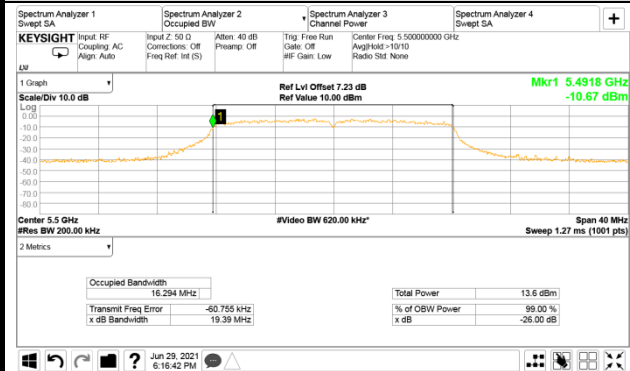


# 無線模組: LBEE5ZZ1PJ

802.11a

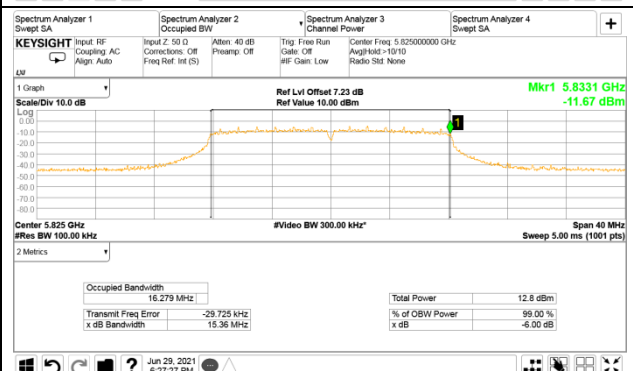
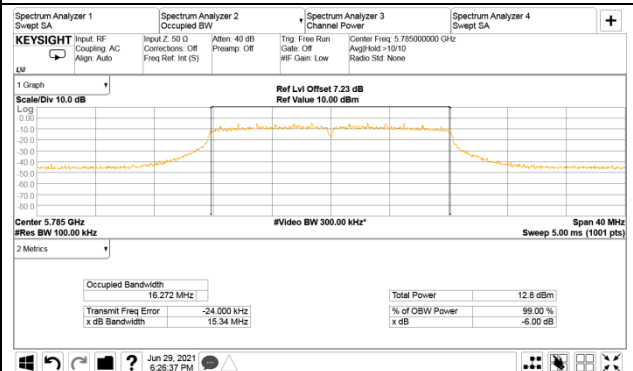
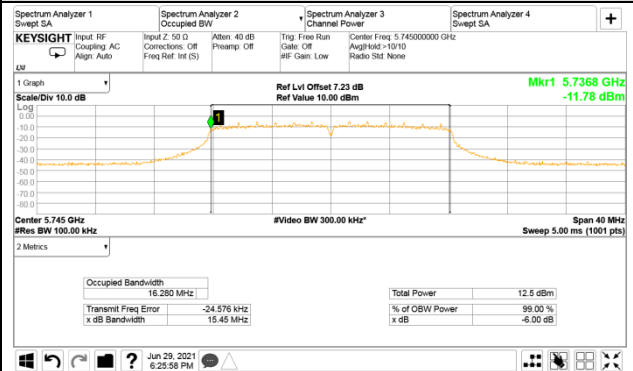
## U-NII Band III

26dB 頻寬



## U-NII Band IV

6dB 頻寬

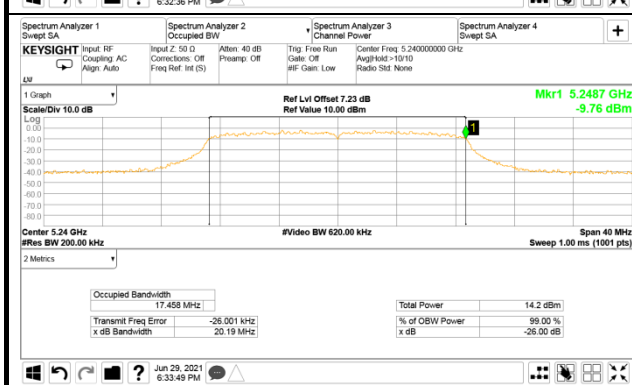
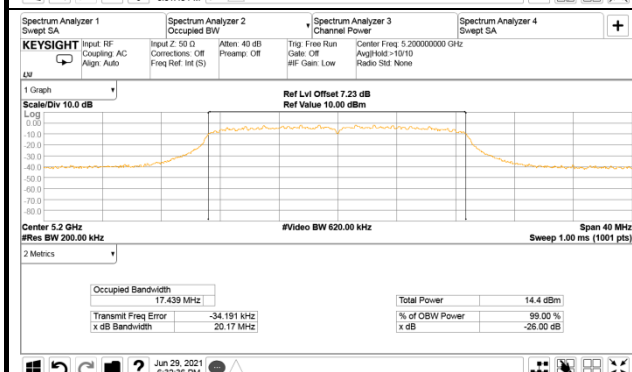
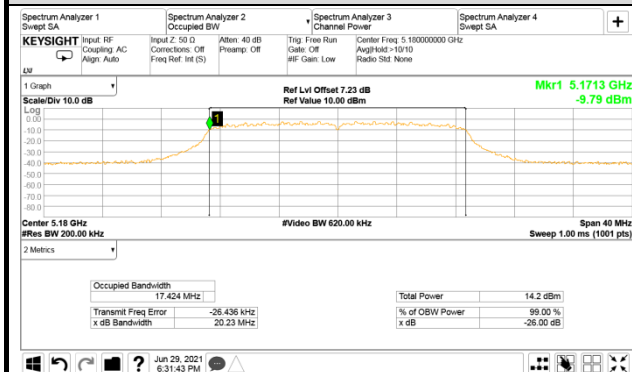


# 無線模組: LBEE5ZZ1PJ

802.11n-HT20

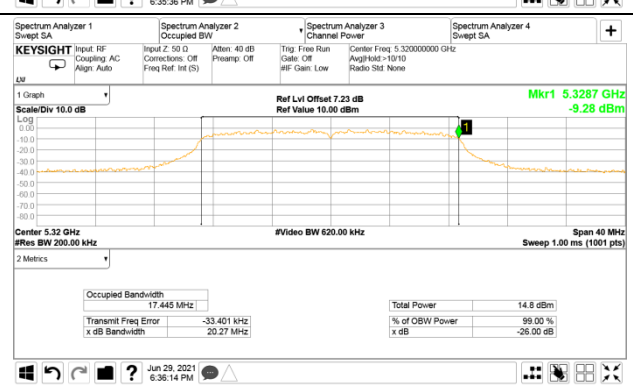
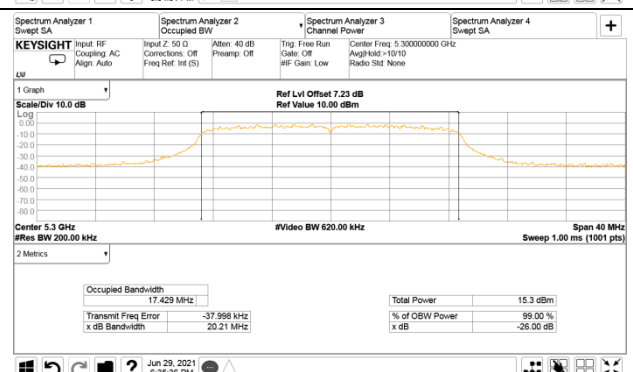
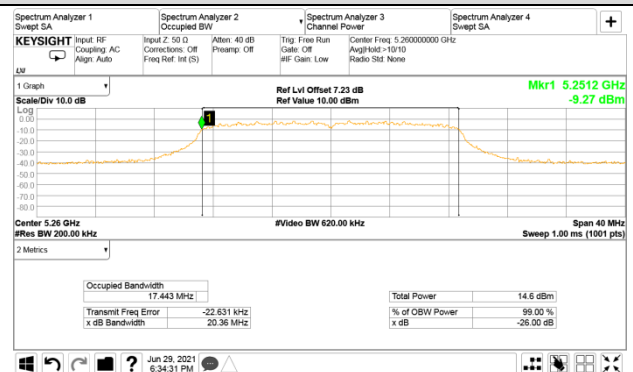
## U-NII Band I

26dB 頻寬



## U-NII Band II

26dB 頻寬

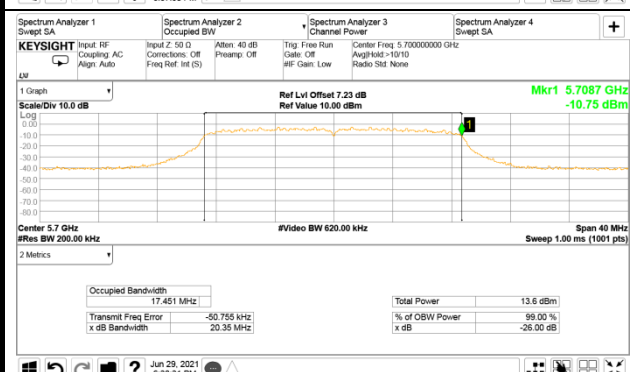
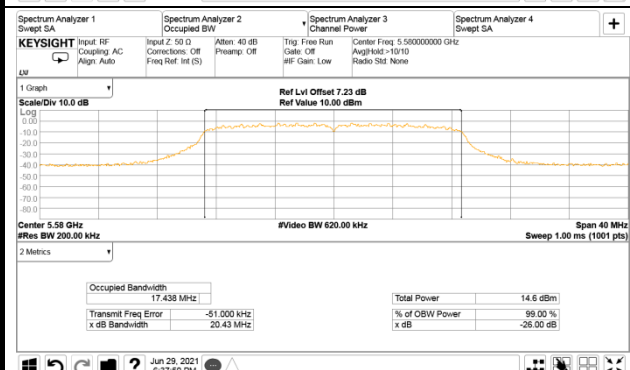
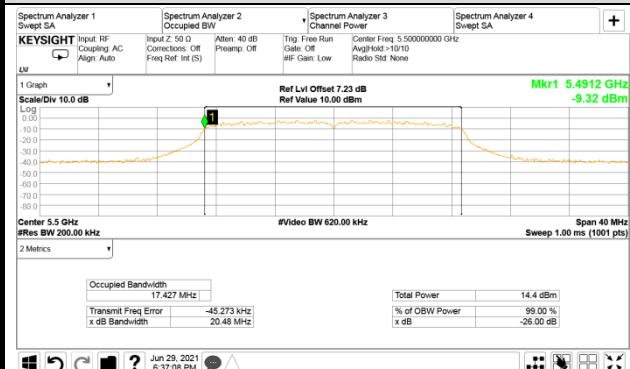


# 無線模組: LBEE5ZZ1PJ

802.11n-HT20

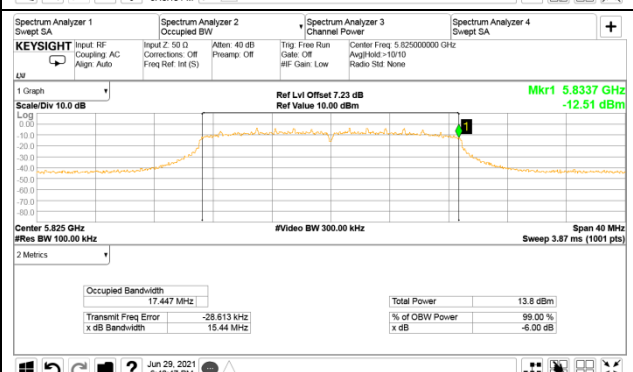
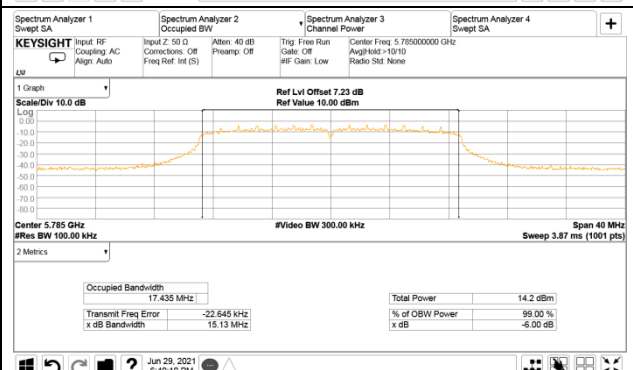
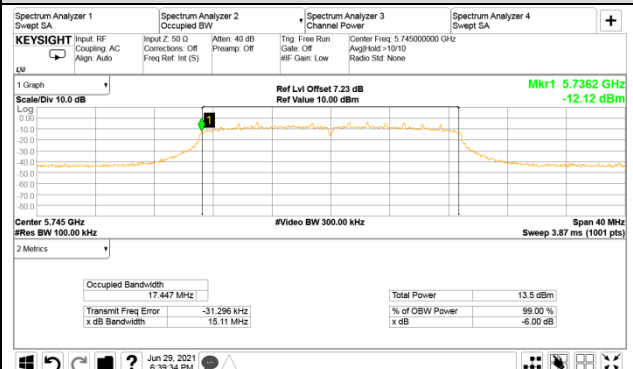
## U-NII Band III

26dB 頻寬



## U-NII Band IV

6dB 頻寬

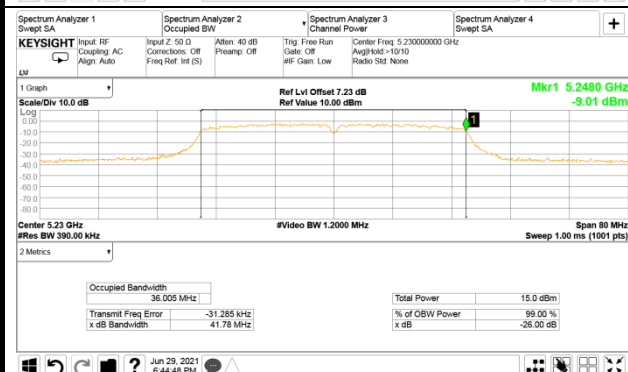
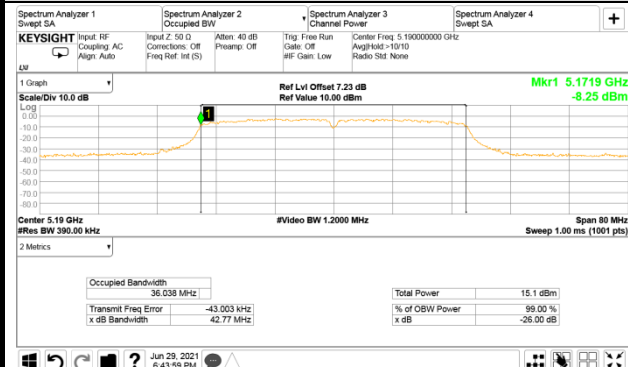


# 無線模組: LBEE5ZZ1PJ

802.11n-HT40

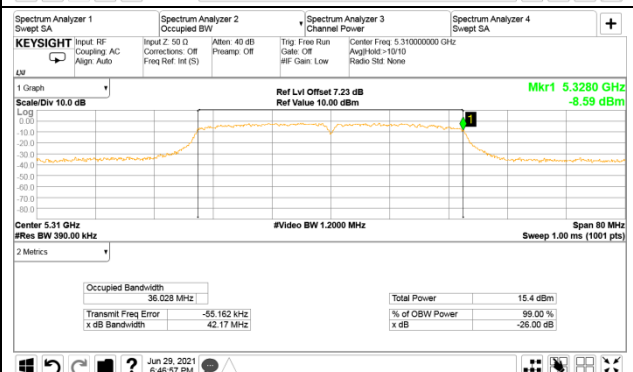
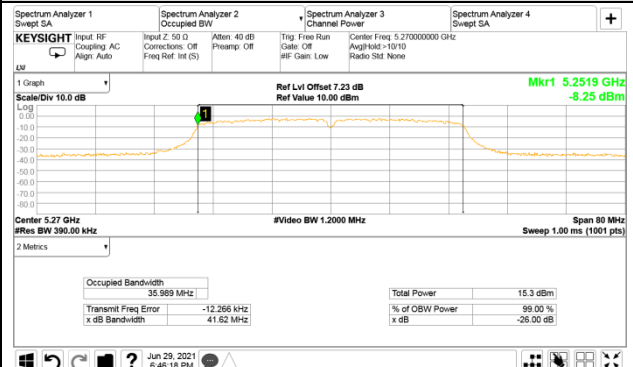
## U-NII Band I

26dB 頻寬



## U-NII Band II

26dB 頻寬

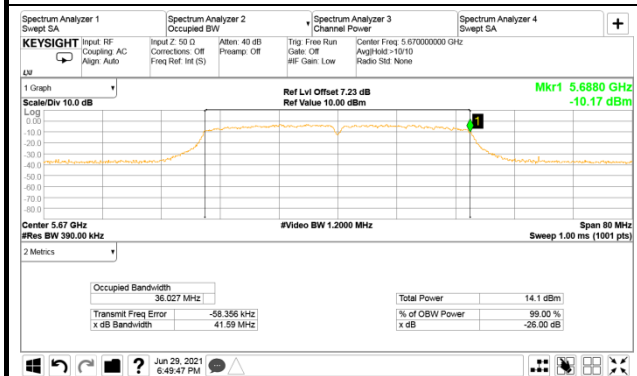
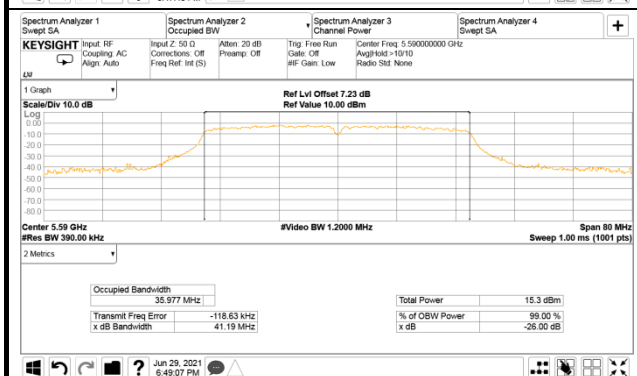
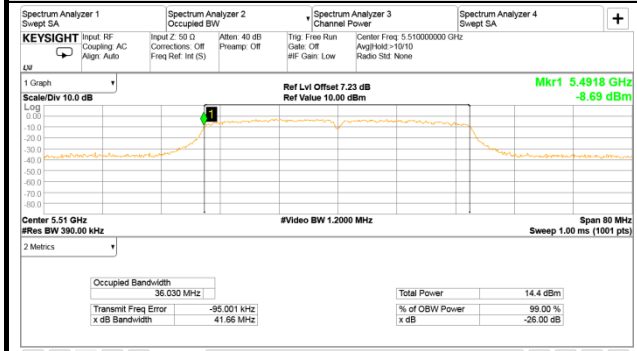


# 無線模組: LBEE5ZZ1PJ

802.11n-HT40

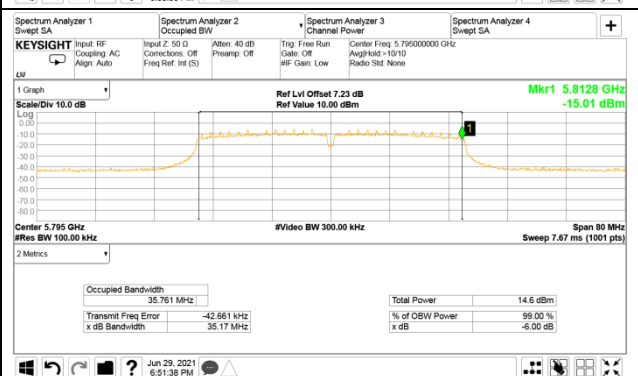
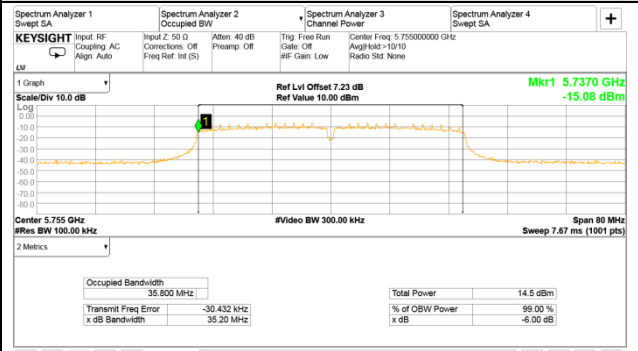
## U-NII Band III

26dB 頻寬



## U-NII Band IV

6dB 頻寬



### 3. 峰值功率頻譜密度之量測

|                                                             |                                                                                                                                                                                               |        |                                                                             |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------|
| 測試日期                                                        | 2021/07/02~09/16                                                                                                                                                                              | 環境溫/濕度 | 23~24°C/53~55%                                                              |
| 測試電壓                                                        | AC 110V 60Hz                                                                                                                                                                                  | 測試人員   | (1)Hua Wu (2)Sam Chang                                                      |
| Duty Cycle                                                  | <b>WM-BAC-AT-49:</b><br>802.11a: 0.963, 802.11n-HT20: 0.956<br>802.11n-HT40: 0.909, 802.11ac-VHT80: 0.789<br><b>LBEE5ZZ1PJ:</b><br>802.11a: 0.945, 802.11n-HT20: 0.941<br>802.11n-HT40: 0.883 | 電纜損失   | <b>WM-BAC-AT-49:</b><br>2.86 dB or 3.15 dB<br><b>LBEE5ZZ1PJ:</b><br>4.23 dB |
| Simultaneous Factor 10 log(n) (Note: "n" is antenna number) |                                                                                                                                                                                               |        | <b>WM-BAC-AT-49:</b> 3 dB<br><b>LBEE5ZZ1PJ:</b> 0 dB                        |

#### 3.1. 峰值功率頻譜密度

##### ● 無線模組: WM-BAC-AT-49

| 無線模組: WM-BAC-AT-49 |                     |            |            |              |               |
|--------------------|---------------------|------------|------------|--------------|---------------|
| 模式                 | U-NII Band          | 測試頻率 (MHz) | 峰值功率頻譜密度   |              | 限制值           |
|                    |                     |            | (dBm/1MHz) | (dBm/500kHz) |               |
| 802.11a            | I                   | 5180       | -0.138     | --           | 11 dBm/MHz    |
|                    |                     | 5200       | -0.177     | --           |               |
|                    |                     | 5240       | -0.157     | --           |               |
|                    | II                  | 5260       | 1.054      | --           |               |
|                    |                     | 5300       | 0.865      | --           |               |
|                    |                     | 5320       | 0.858      | --           |               |
|                    | III                 | 5500       | 3.409      | --           |               |
|                    |                     | 5580       | 3.696      | --           |               |
|                    |                     | 5700       | 3.187      | --           |               |
|                    | IV <sup>Note2</sup> | 5745       | --         | 2.060        | 30dBm/500 kHz |
|                    |                     | 5785       | --         | 2.157        |               |
|                    |                     | 5825       | --         | 1.719        |               |

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 7.0dB (100kHz converted to 500kHz) has been included in the test result.

| 無線模組: WM-BAC-AT-49 |                    |               |            |              |               |
|--------------------|--------------------|---------------|------------|--------------|---------------|
| 模式                 | U-NII Band         | 測試頻率<br>(MHz) | 峰值功率頻譜密度   |              | 限制值           |
|                    |                    |               | (dBm/1MHz) | (dBm/500kHz) |               |
| 802.11n-<br>HT20   | I                  | 5180          | -1.105     | --           | 11 dBm/MHz    |
|                    |                    | 5200          | -0.881     | --           |               |
|                    |                    | 5240          | -0.375     | --           |               |
|                    | II                 | 5260          | 0.324      | --           |               |
|                    |                    | 5300          | 0.461      | --           |               |
|                    |                    | 5320          | 0.163      | --           |               |
|                    | III                | 5500          | 3.011      | --           |               |
|                    |                    | 5580          | 3.279      | --           |               |
|                    |                    | 5700          | 2.938      | --           |               |
|                    | IV <sup>Note</sup> | 5745          | --         | 0.550        | 30dBm/500 kHz |
|                    |                    | 5785          | --         | 1.084        |               |
|                    |                    | 5825          | --         | 1.170        |               |
| 模式                 | U-NII Band         | 測試頻率<br>(MHz) | 峰值功率頻譜密度   |              | 限制值           |
|                    |                    |               | (dBm/1MHz) | (dBm/500kHz) |               |
| 802.11n-<br>HT40   | I                  | 5190          | -4.538     | --           | 11 dBm/MHz    |
|                    |                    | 5230          | -2.512     | --           |               |
|                    | II                 | 5270          | -2.209     | --           |               |
|                    |                    | 5310          | -2.119     | --           |               |
|                    | III                | 5510          | -1.847     | --           |               |
|                    |                    | 5590          | 0.450      | --           |               |
|                    |                    | 5670          | -1.003     | --           |               |
|                    | IV <sup>Note</sup> | 5755          | --         | -3.261       | 30dBm/500 kHz |
|                    |                    | 5795          | --         | -2.384       |               |
| 模式                 | U-NII Band         | 測試頻率<br>(MHz) | 峰值功率頻譜密度   |              | 限制值           |
|                    |                    |               | (dBm/1MHz) | (dBm/500kHz) |               |
| 802.11ac-<br>VHT80 | I                  | 5210          | -6.703     | --           | 11 dBm/MHz    |
|                    | II                 | 5290          | -4.346     | --           |               |
|                    | III                | 5530          | -3.929     | --           |               |
|                    |                    | 5610          | -1.917     | --           |               |
|                    | IV <sup>Note</sup> | 5775          | --         | -10.912      | 30dBm/500 kHz |

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 7.0dB (100kHz converted to 500kHz) has been included in the test result.

● 無線模組: LBEE5ZZ1PJ

| 無線模組: LBEE5ZZ1PJ |                     |               |            |              |               |
|------------------|---------------------|---------------|------------|--------------|---------------|
| 模式               | U-NII Band          | 測試頻率<br>(MHz) | 峰值功率頻譜密度   |              | 限制值           |
|                  |                     |               | (dBm/1MHz) | (dBm/500kHz) |               |
| 802.11a          | I                   | 5180          | -0.289     | --           | 11 dBm/MHz    |
|                  |                     | 5200          | -1.397     | --           |               |
|                  |                     | 5240          | -1.095     | --           |               |
|                  | II                  | 5260          | -0.717     | --           |               |
|                  |                     | 5300          | -0.518     | --           |               |
|                  |                     | 5320          | -0.680     | --           |               |
|                  | III                 | 5500          | -0.622     | --           |               |
|                  |                     | 5580          | -0.162     | --           |               |
|                  |                     | 5700          | -1.191     | --           |               |
|                  | IV <sup>Note2</sup> | 5745          | --         | -2.657       | 30dBm/500 kHz |
|                  |                     | 5785          | --         | -1.819       |               |
|                  |                     | 5825          | --         | -3.065       |               |
| 模式               | U-NII Band          | 測試頻率<br>(MHz) | 峰值功率頻譜密度   |              | 限制值           |
|                  |                     |               | (dBm/1MHz) | (dBm/500kHz) |               |
| 802.11n-<br>HT20 | I                   | 5180          | -0.881     | --           | 11 dBm/MHz    |
|                  |                     | 5200          | -0.493     | --           |               |
|                  |                     | 5240          | -1.356     | --           |               |
|                  | II                  | 5260          | -1.403     | --           |               |
|                  |                     | 5300          | -0.581     | --           |               |
|                  |                     | 5320          | -1.143     | --           |               |
|                  | III                 | 5500          | -0.812     | --           |               |
|                  |                     | 5580          | -0.319     | --           |               |
|                  |                     | 5700          | -1.628     | --           |               |
|                  | IV <sup>Note</sup>  | 5745          | --         | -2.932       | 30dBm/500 kHz |
|                  |                     | 5785          | --         | -2.282       |               |
|                  |                     | 5825          | --         | -3.542       |               |

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 7.0dB (100kHz converted to 500kHz) has been included in the test result.

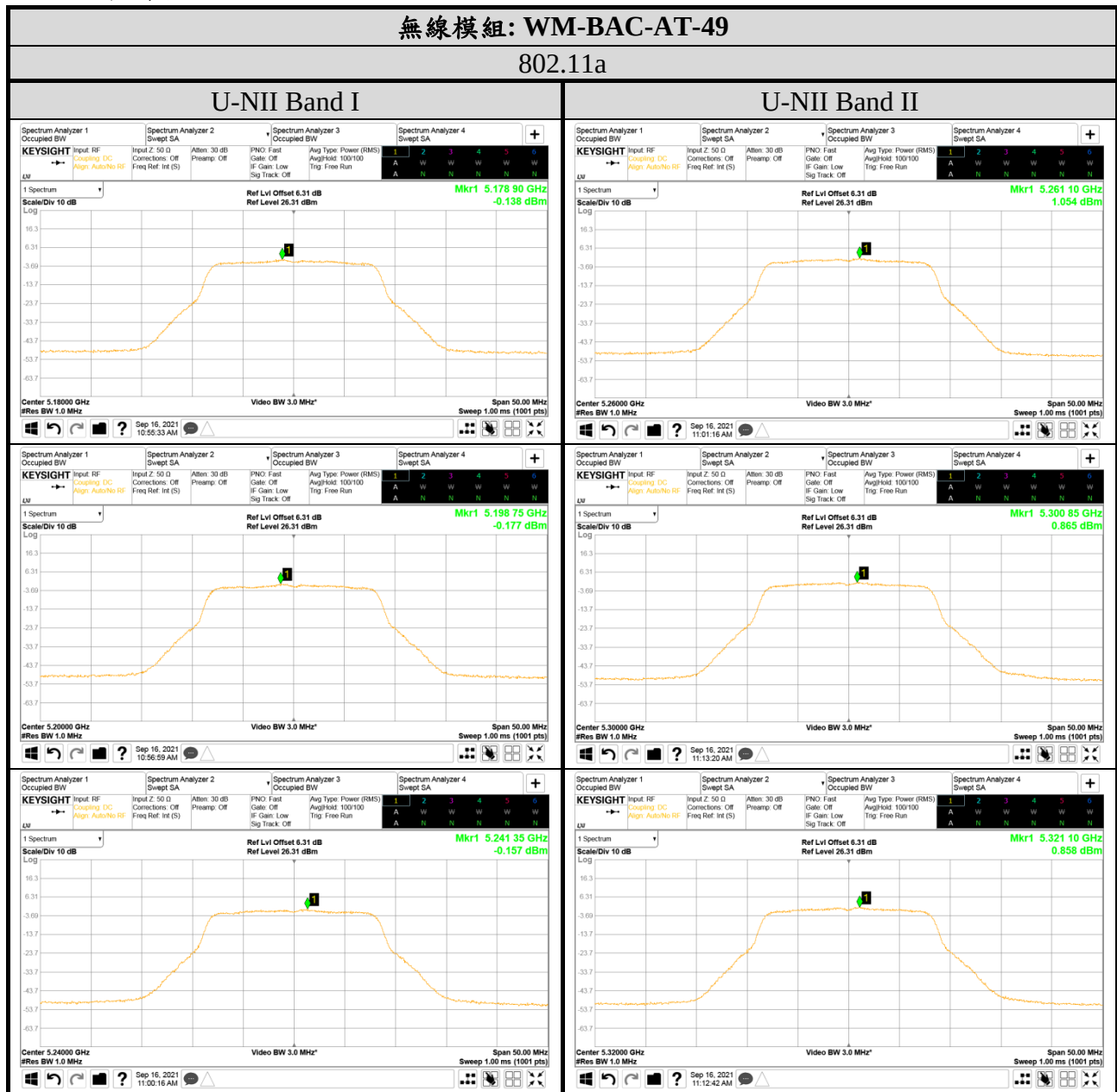
| 無線模組: LBEE5ZZ1PJ |                    |           |            |              |               |
|------------------|--------------------|-----------|------------|--------------|---------------|
| 模式               | U-NII Band         | 測試頻率(MHz) | 峰值功率頻譜密度   |              | 限制值           |
|                  |                    |           | (dBm/1MHz) | (dBm/500kHz) |               |
| 802.11n-<br>HT40 | I                  | 5190      | -4.457     | --           | 11 dBm/MHz    |
|                  |                    | 5230      | -4.086     | --           |               |
|                  | II                 | 5270      | -3.724     | --           |               |
|                  |                    | 5310      | -4.523     | --           |               |
|                  | III                | 5510      | -4.511     | --           |               |
|                  |                    | 5550      | -4.378     | --           |               |
|                  |                    | 5670      | -4.270     | --           |               |
|                  | IV <sup>Note</sup> | 5755      | --         | -6.299       | 30dBm/500 kHz |
|                  |                    | 5795      | --         | -6.225       |               |

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 7.0dB (100kHz converted to 500kHz) has been included in the test result.

### 3.2. 峰值功率頻譜密度之量測圖

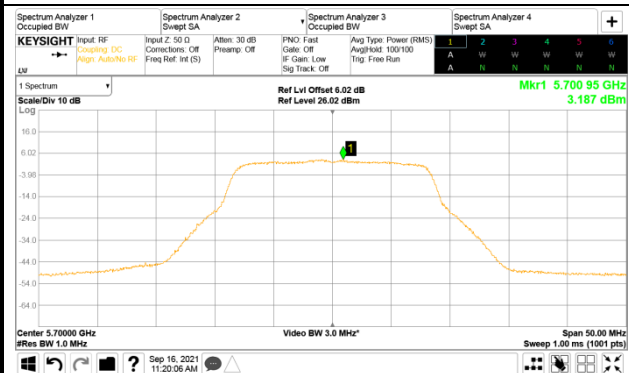
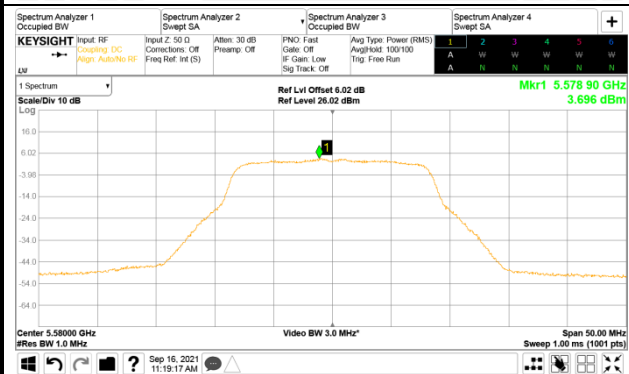
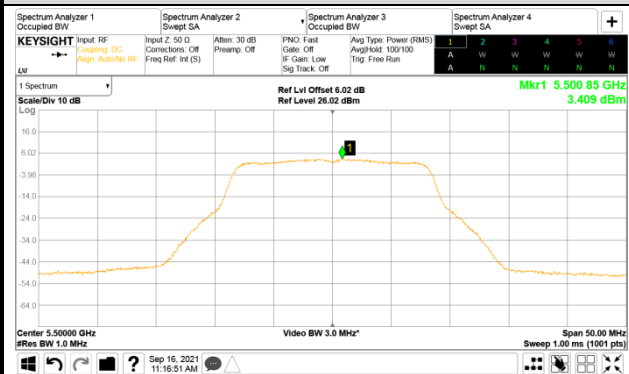
#### ● 無線模組: WM-BAC-AT-49



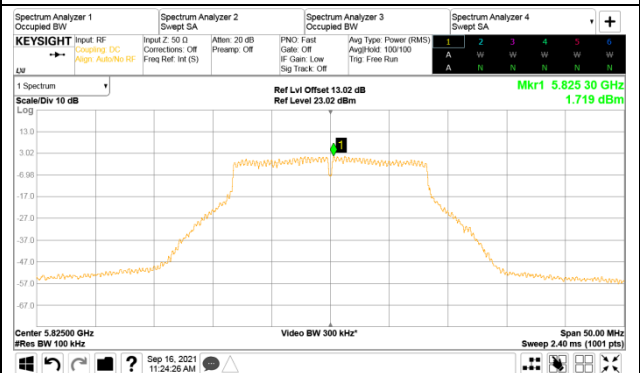
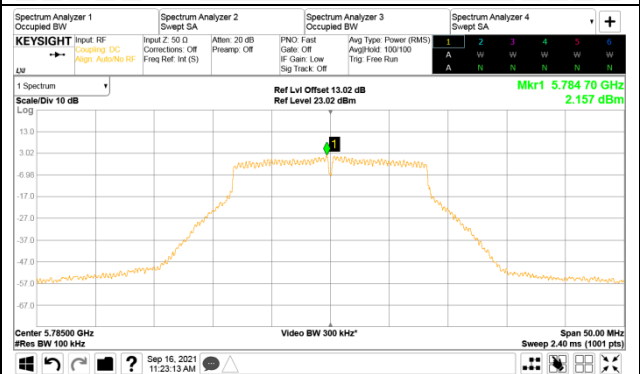
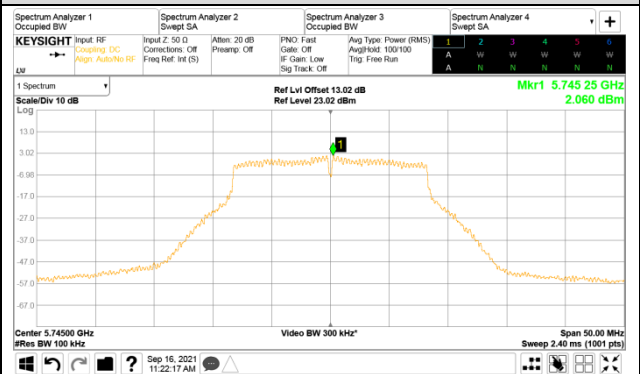
# 無線模組: WM-BAC-AT-49

802.11a

## U-NII Band III



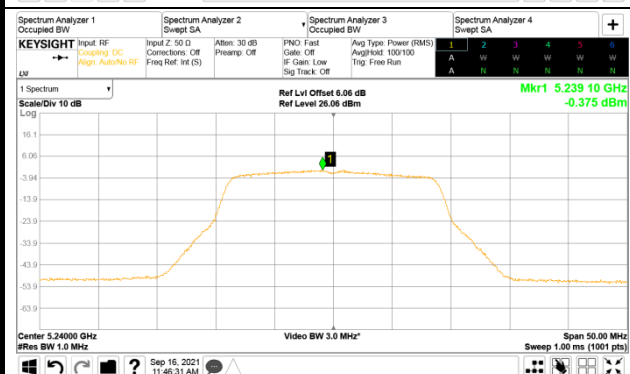
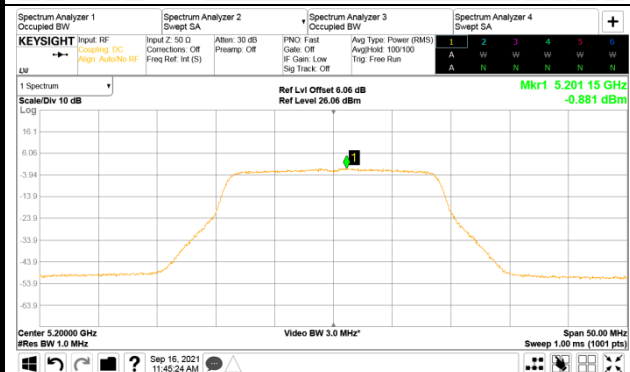
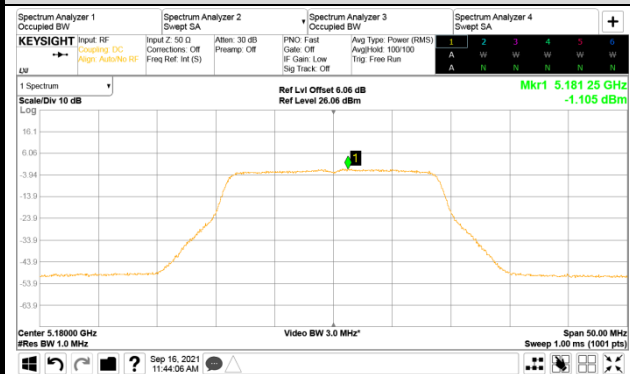
## U-NII Band IV



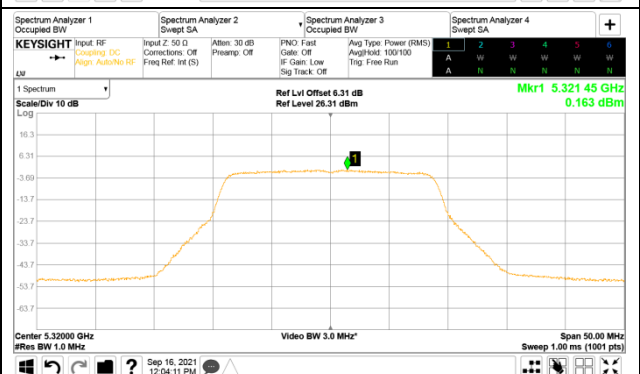
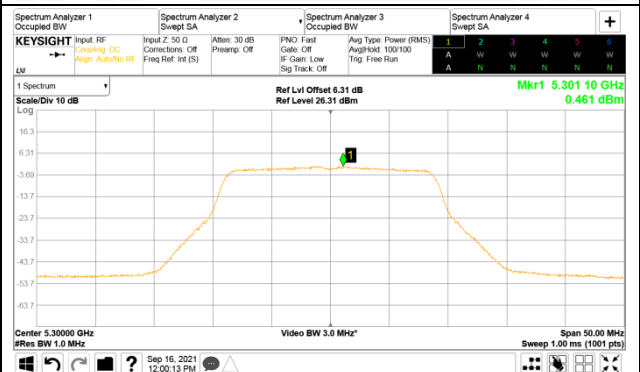
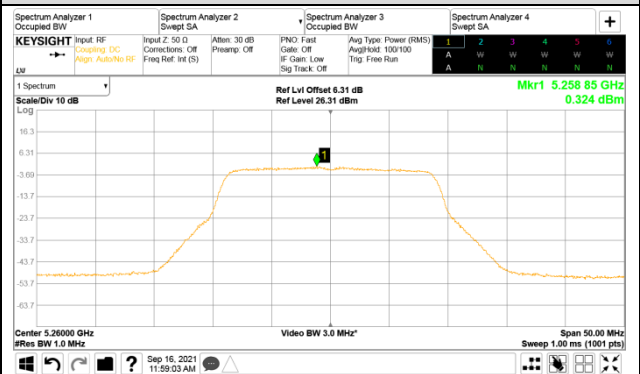
# 無線模組: WM-BAC-AT-49

802.11n-HT20

## U-NII Band I



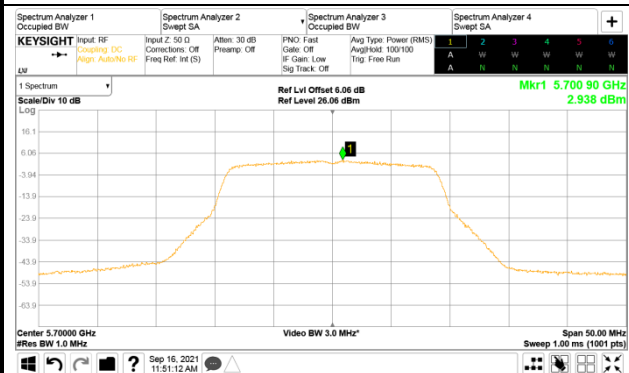
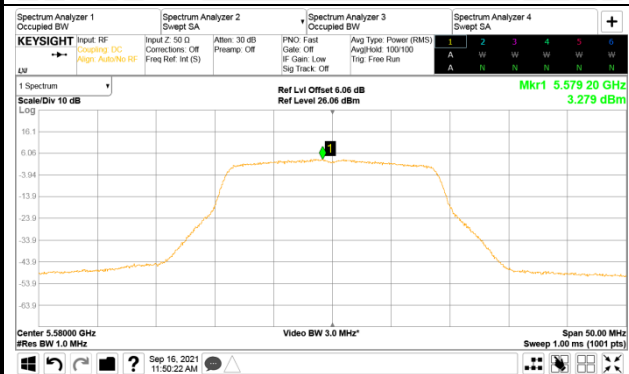
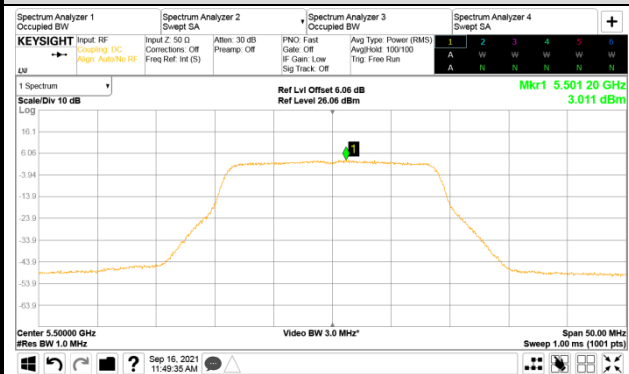
## U-NII Band II



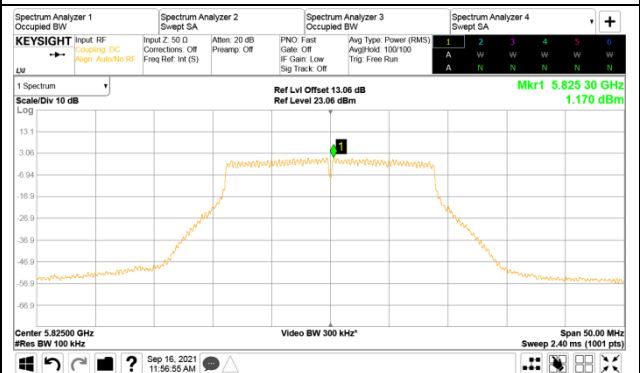
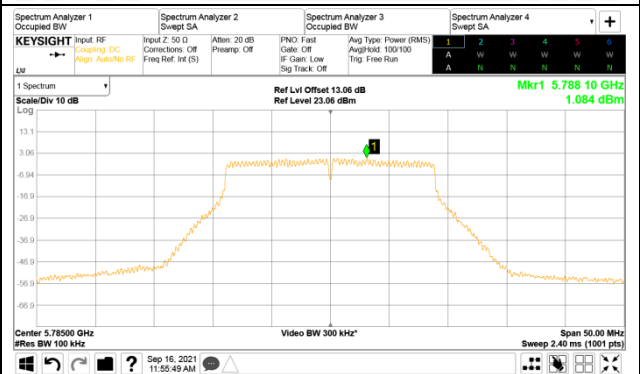
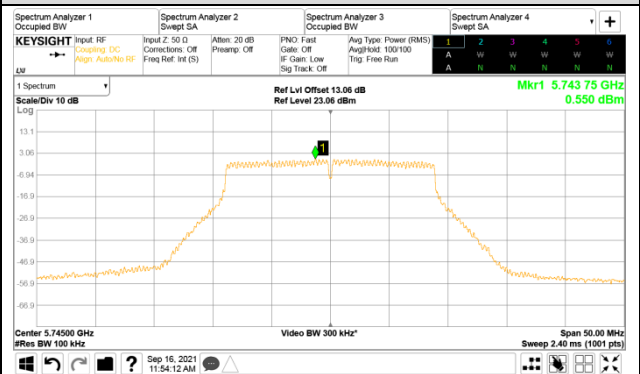
# 無線模組: WM-BAC-AT-49

802.11n-HT20

## U-NII Band III



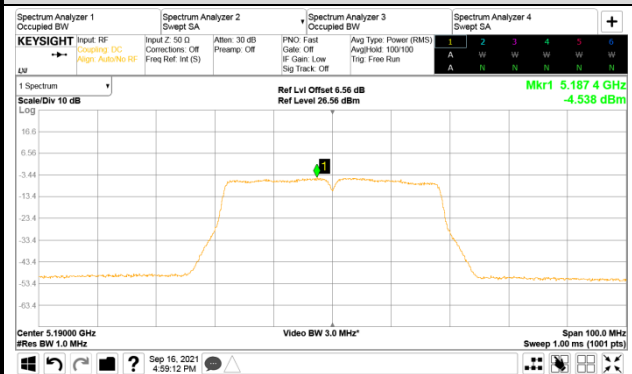
## U-NII Band IV



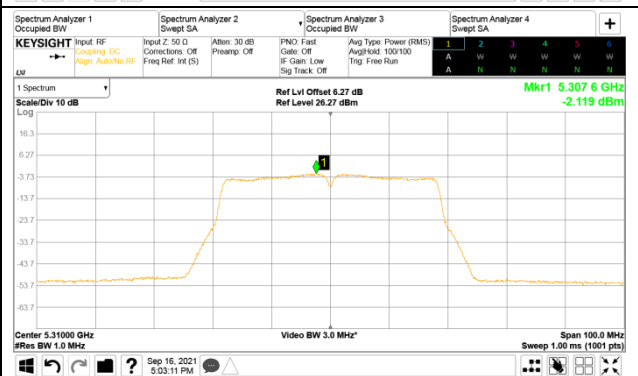
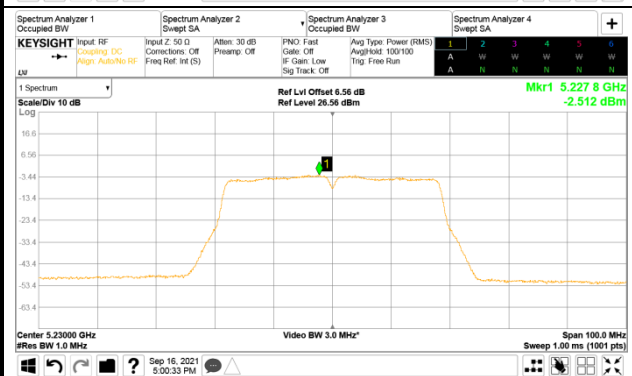
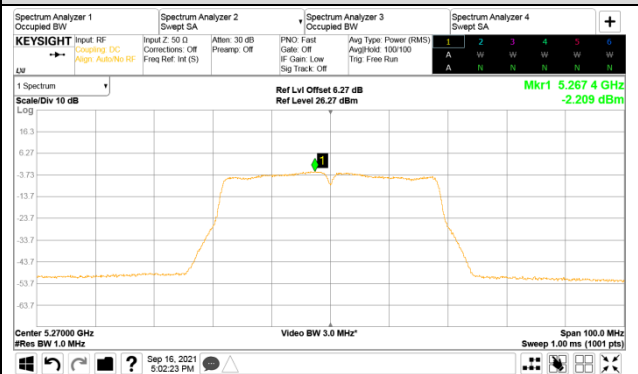
# 無線模組: WM-BAC-AT-49

802.11n-HT40

## U-NII Band I



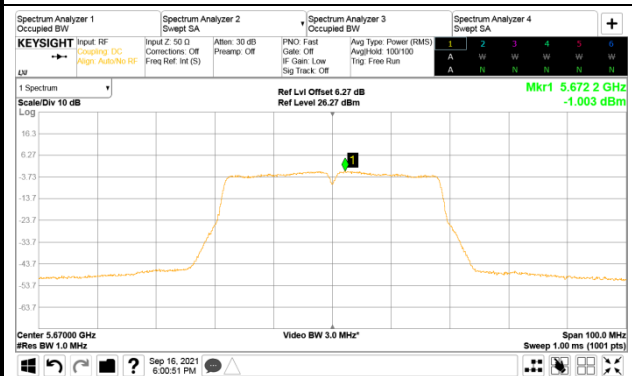
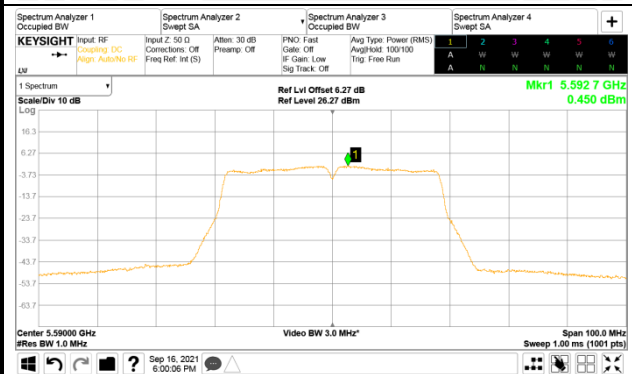
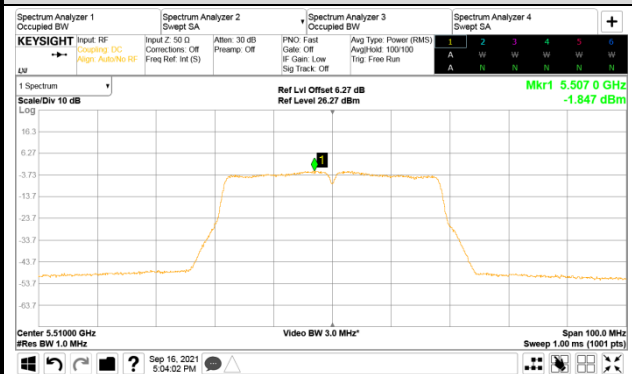
## U-NII Band II



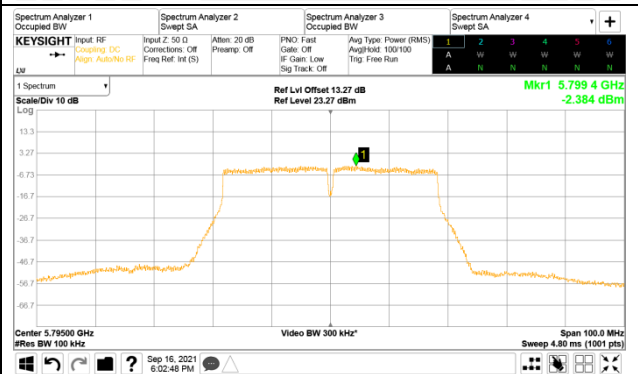
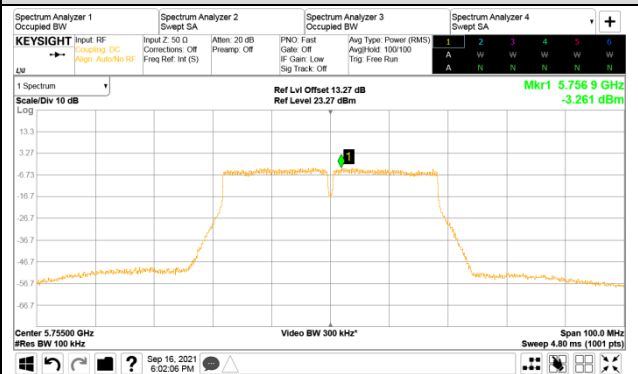
# 無線模組: WM-BAC-AT-49

802.11n-HT40

## U-NII Band III



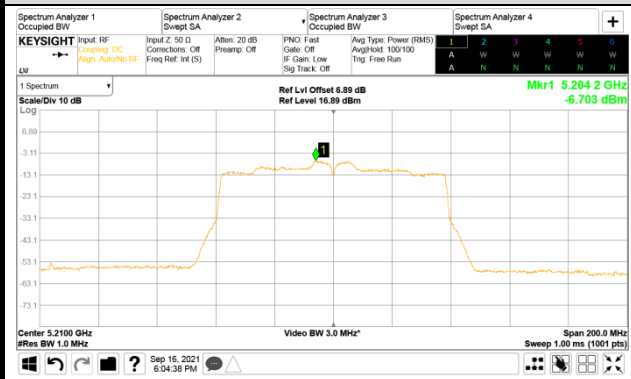
## U-NII Band IV



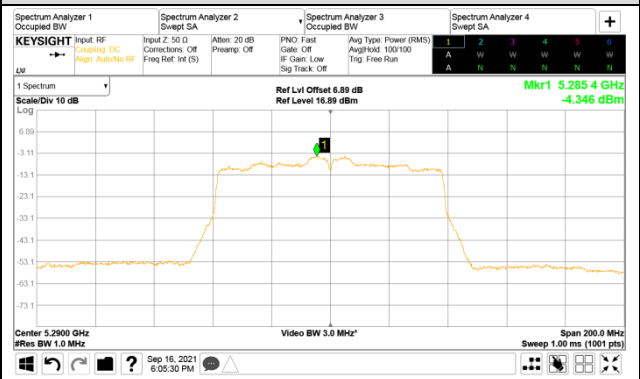
## 無線模組: WM-BAC-AT-49

802.11ac-VHT80

### U-NII Band I



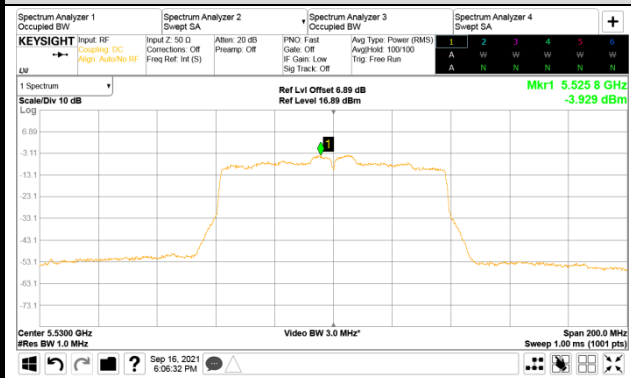
### U-NII Band II



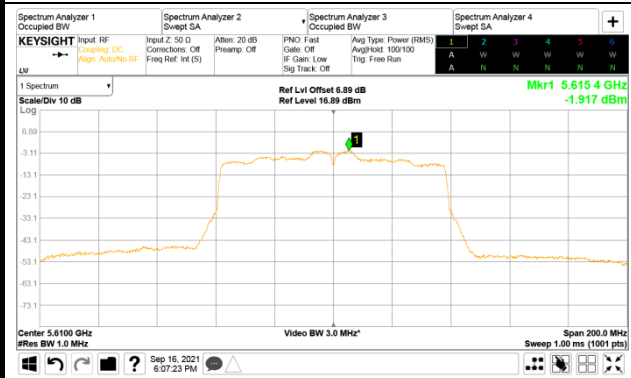
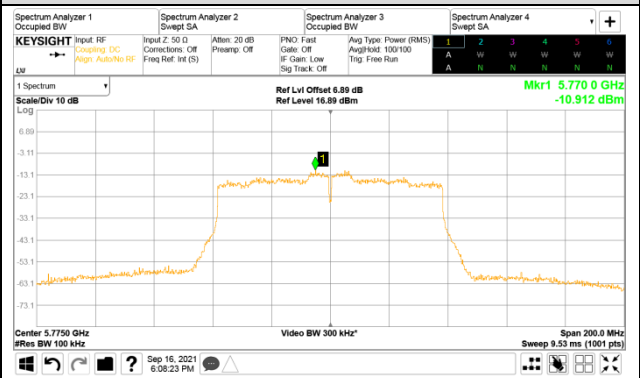
## 無線模組: WM-BAC-AT-49

802.11ac-VHT80

### U-NII Band III



### U-NII Band IV

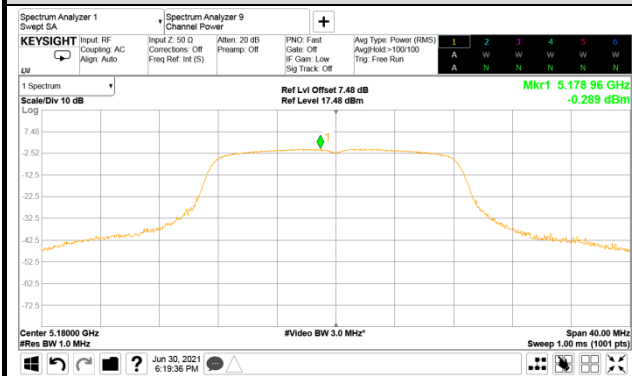


● 無線模組: LBEE5ZZ1PJ

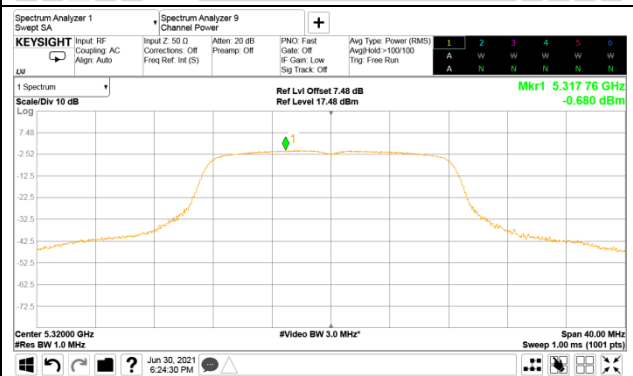
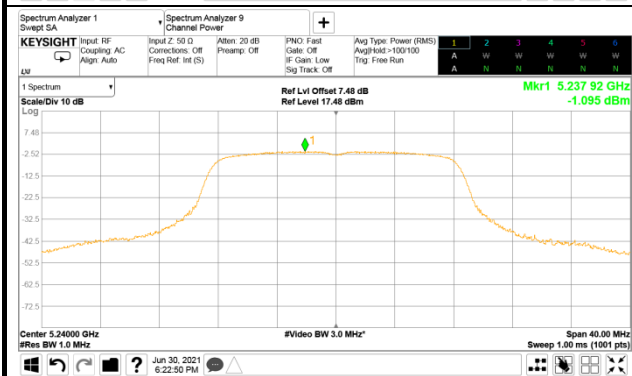
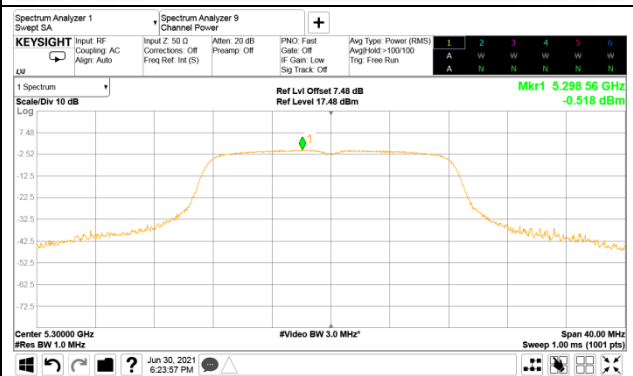
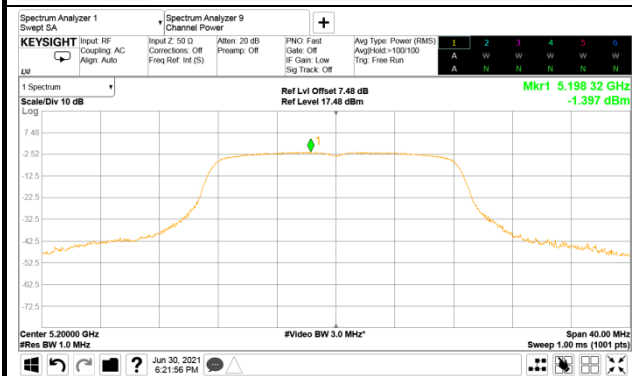
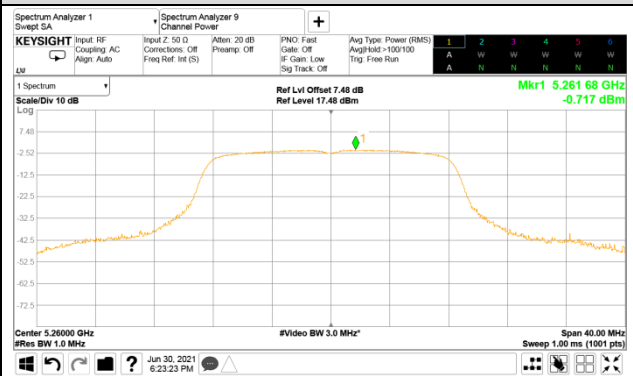
無線模組: LBEE5ZZ1PJ

802.11a

U-NII Band I



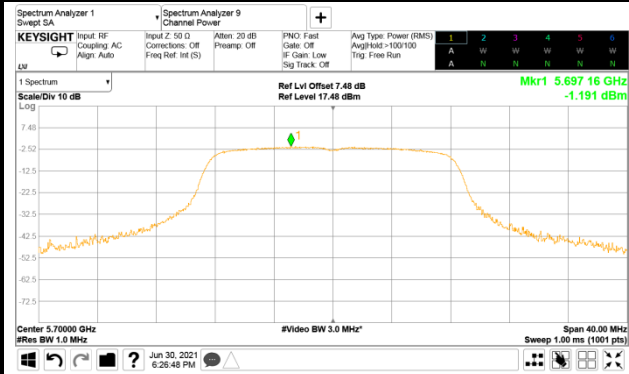
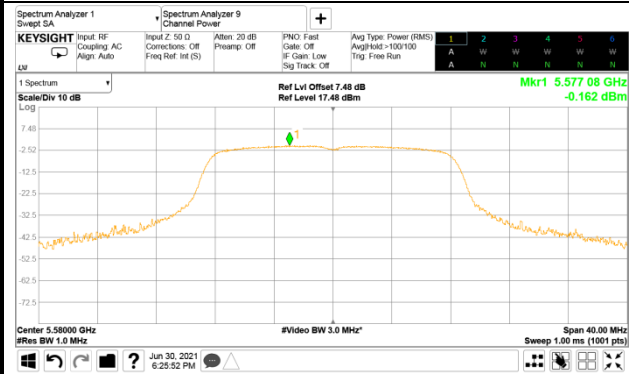
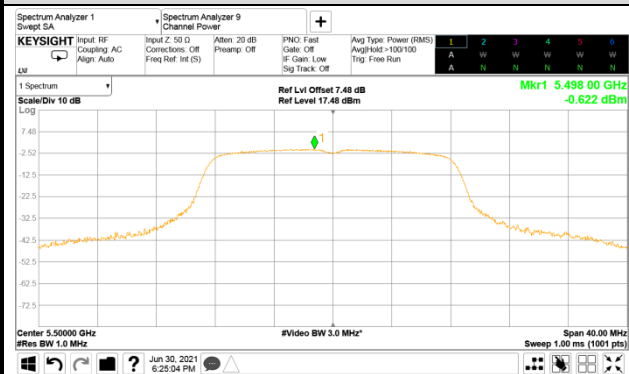
U-NII Band II



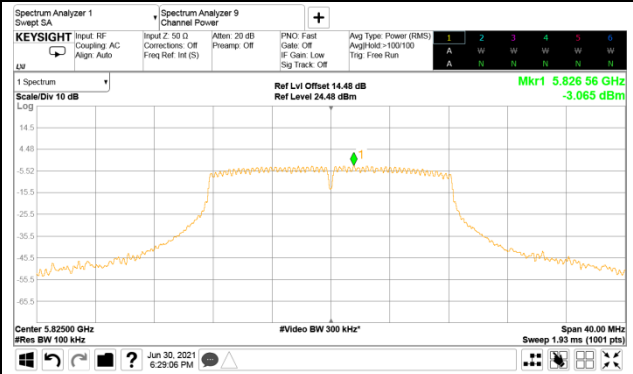
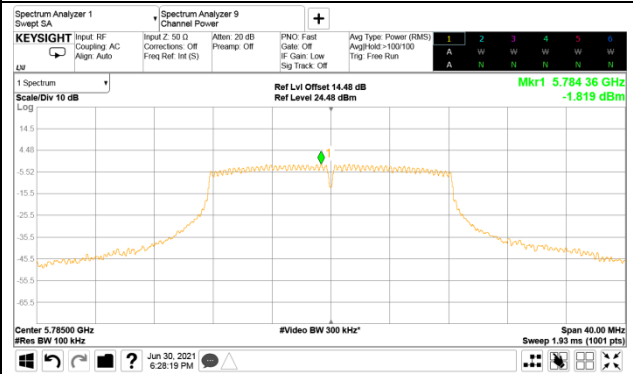
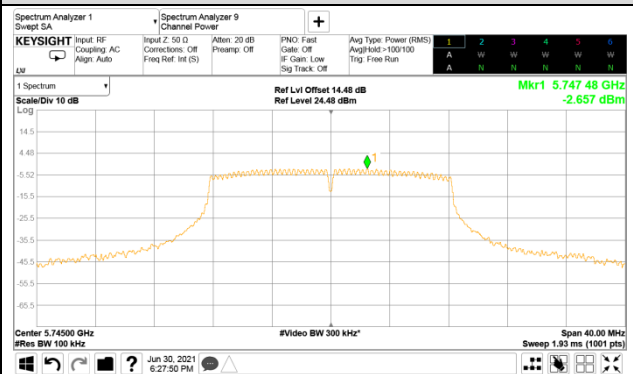
# 無線模組: LBEE5ZZ1PJ

802.11a

## U-NII Band III



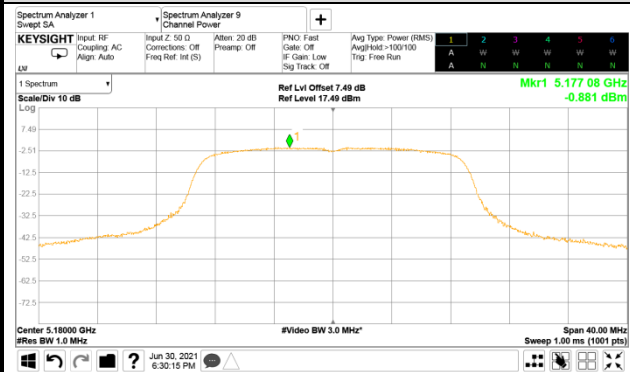
## U-NII Band IV



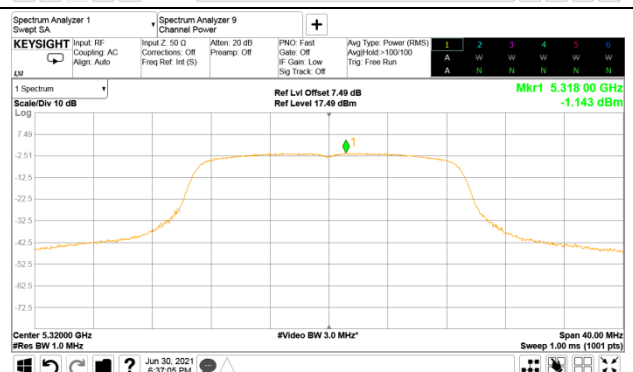
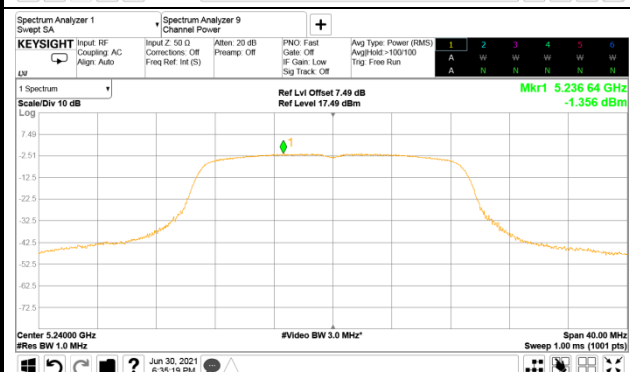
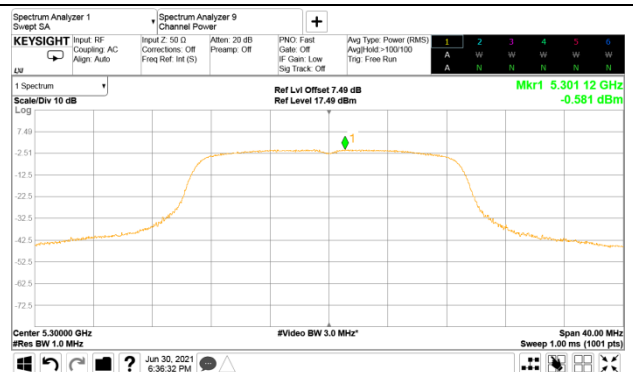
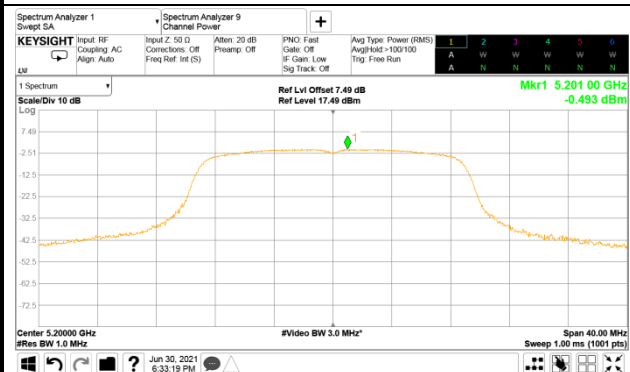
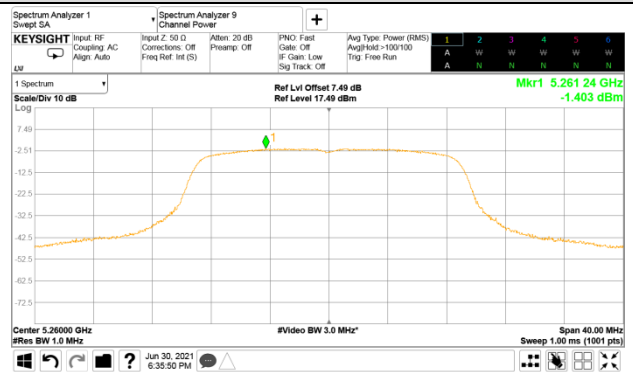
# 無線模組: LBEE5ZZ1PJ

802.11n-HT20

## U-NII Band I



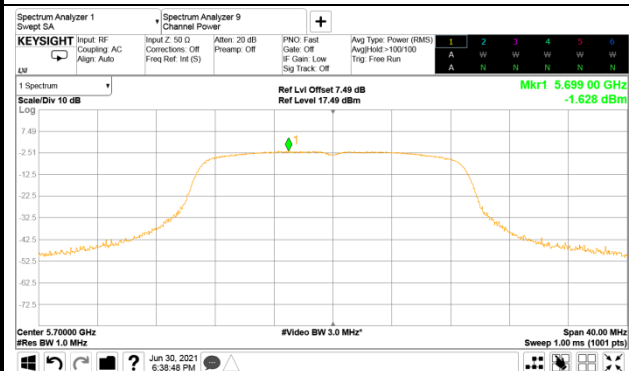
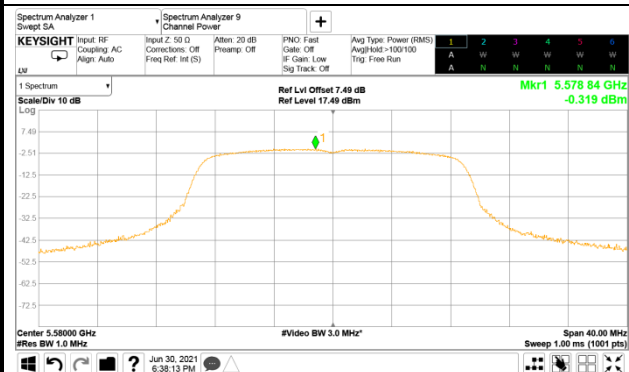
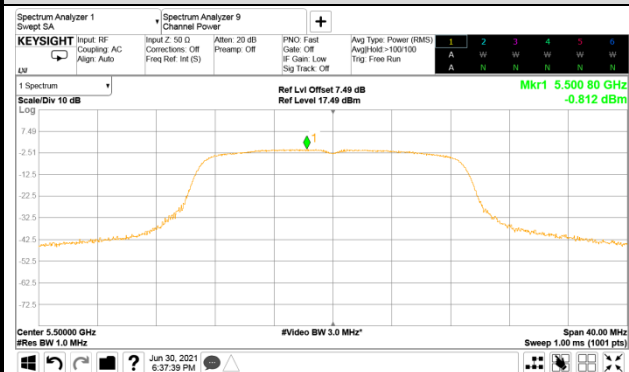
## U-NII Band II



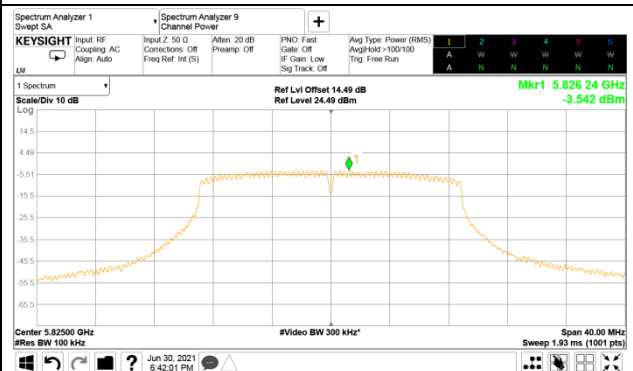
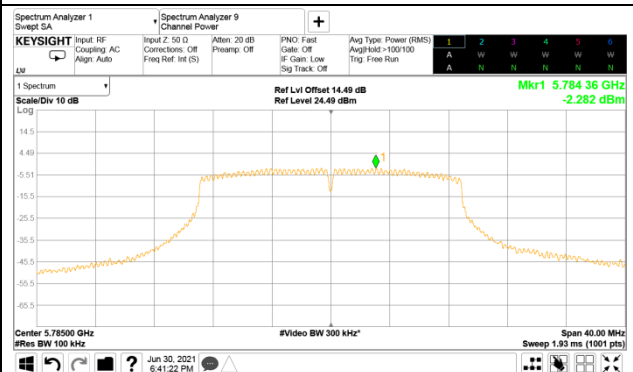
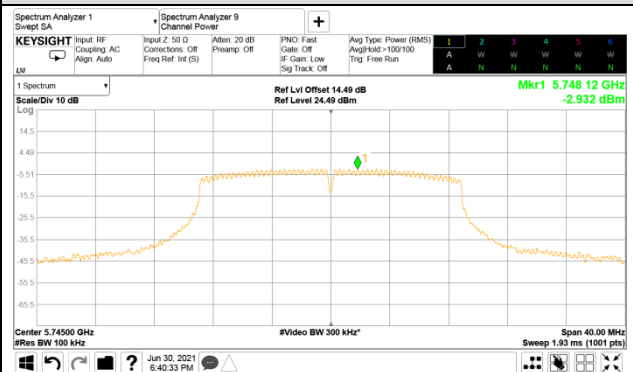
# 無線模組: LBEE5ZZ1PJ

802.11n-HT20

## U-NII Band III



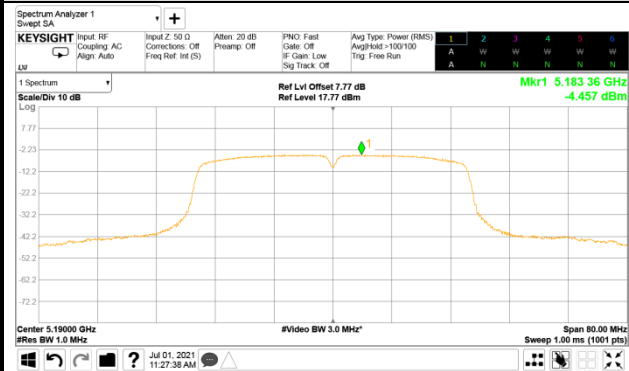
## U-NII Band IV



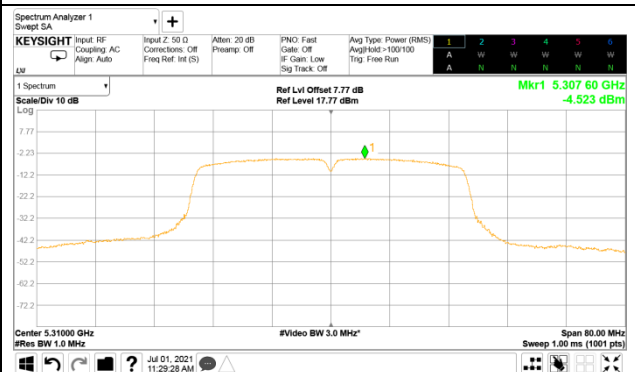
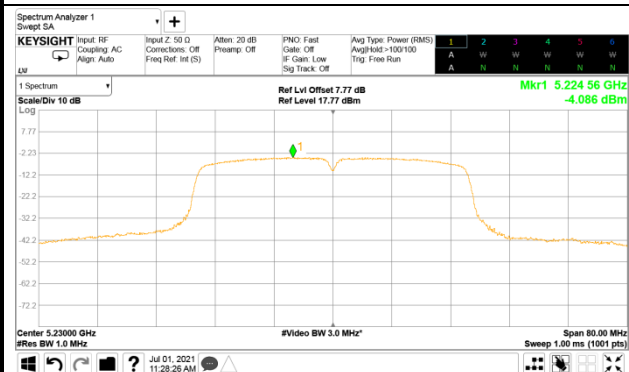
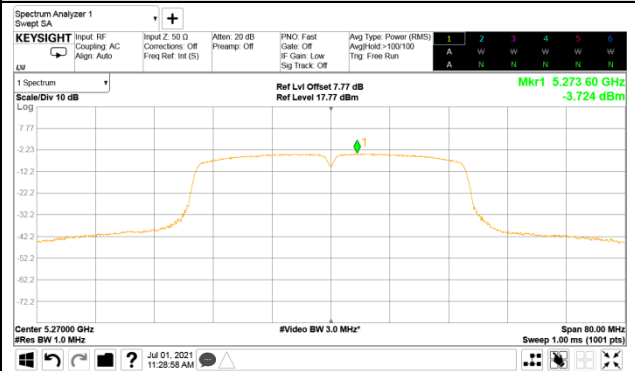
# 無線模組: LBEE5ZZ1PJ

802.11n-HT40

## U-NII Band I



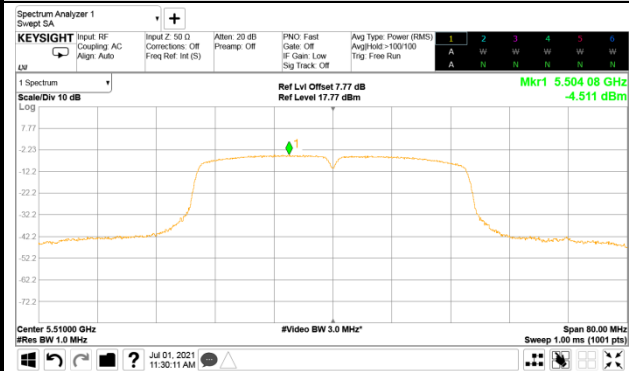
## U-NII Band II



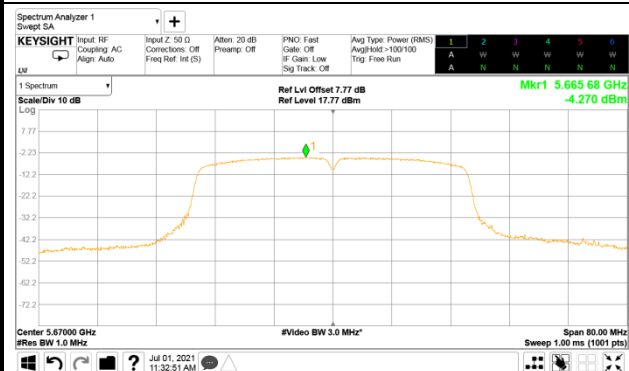
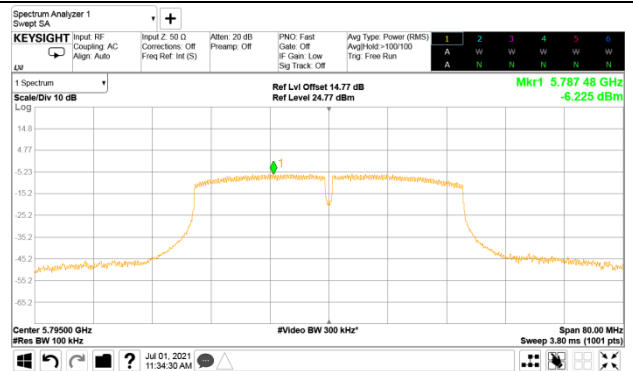
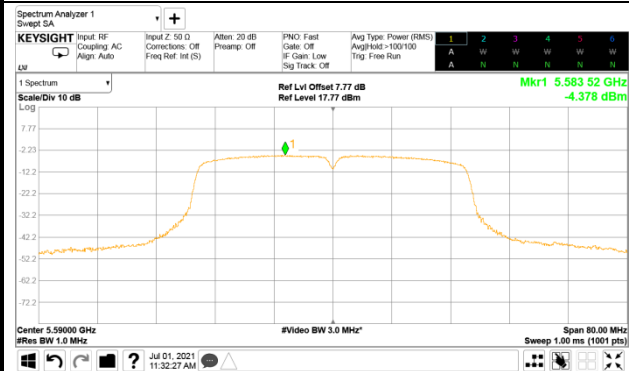
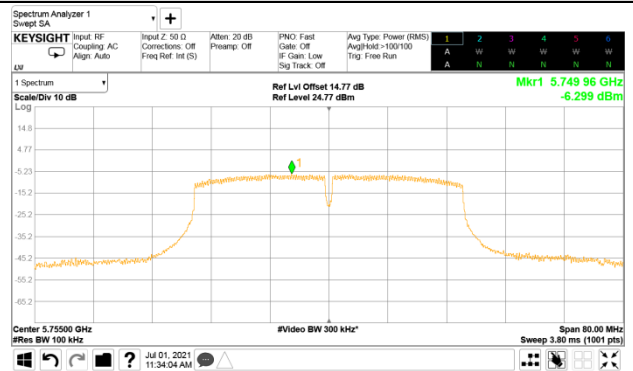
# 無線模組: LBEE5ZZ1PJ

802.11n-HT40

## U-NII Band III



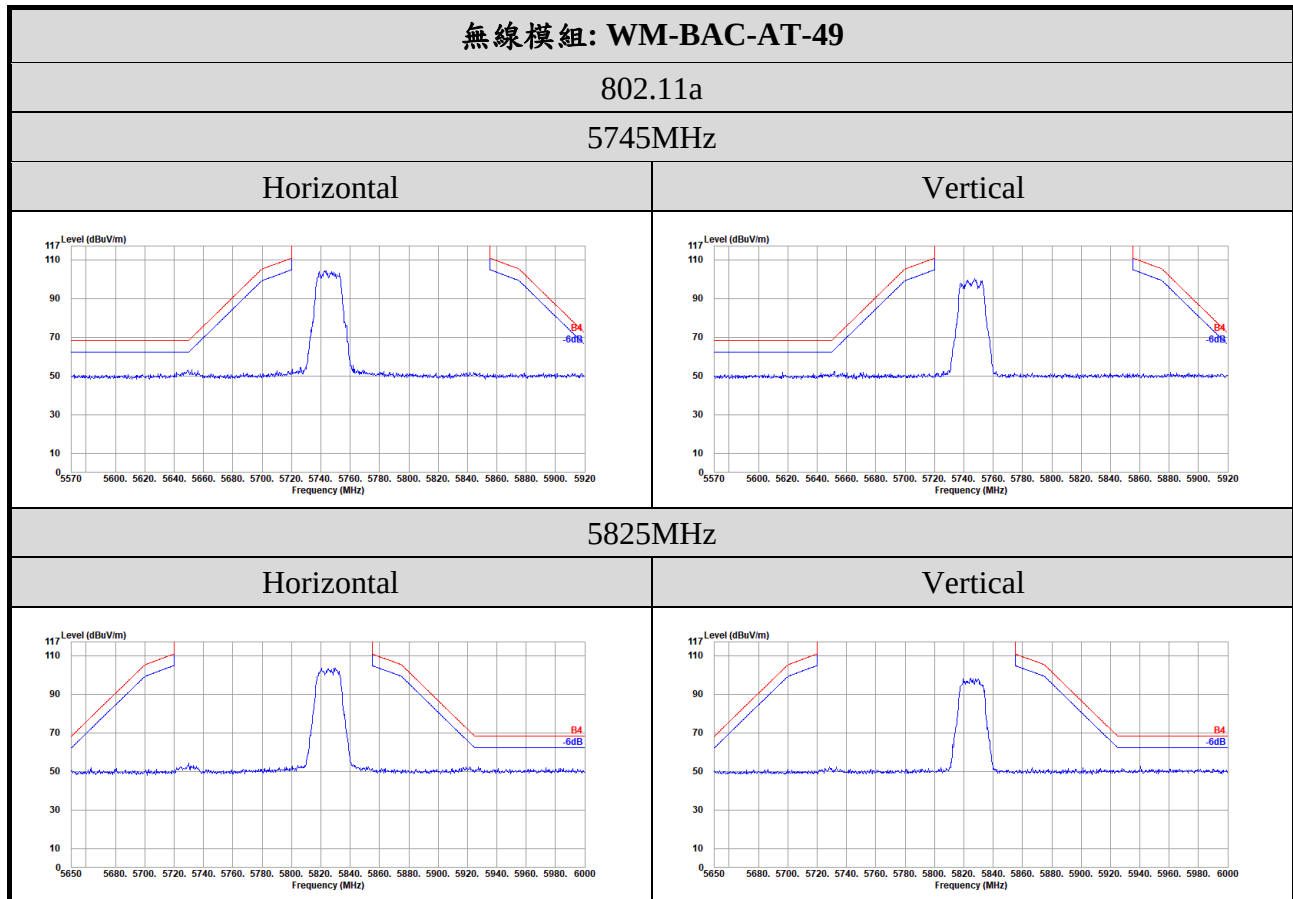
## U-NII Band IV

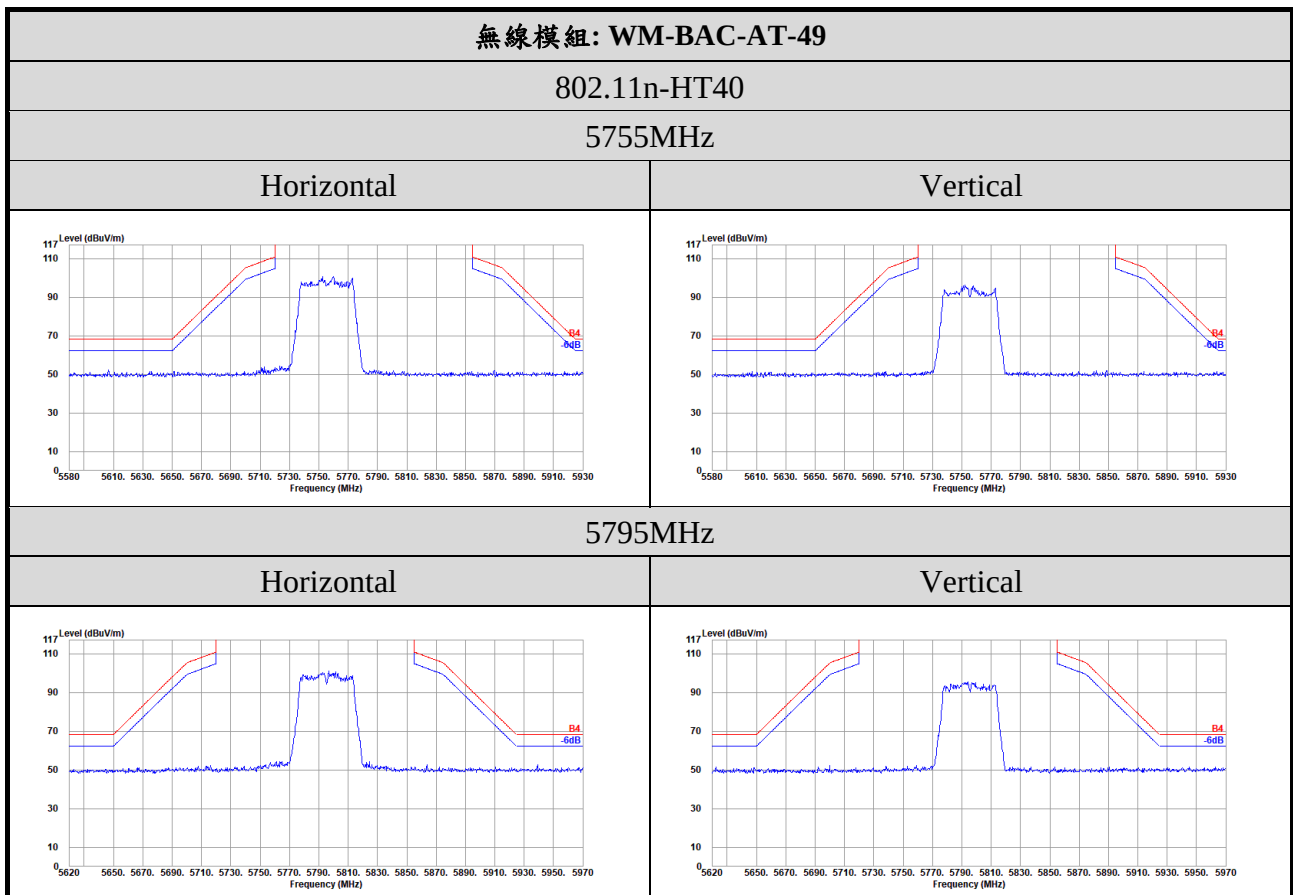
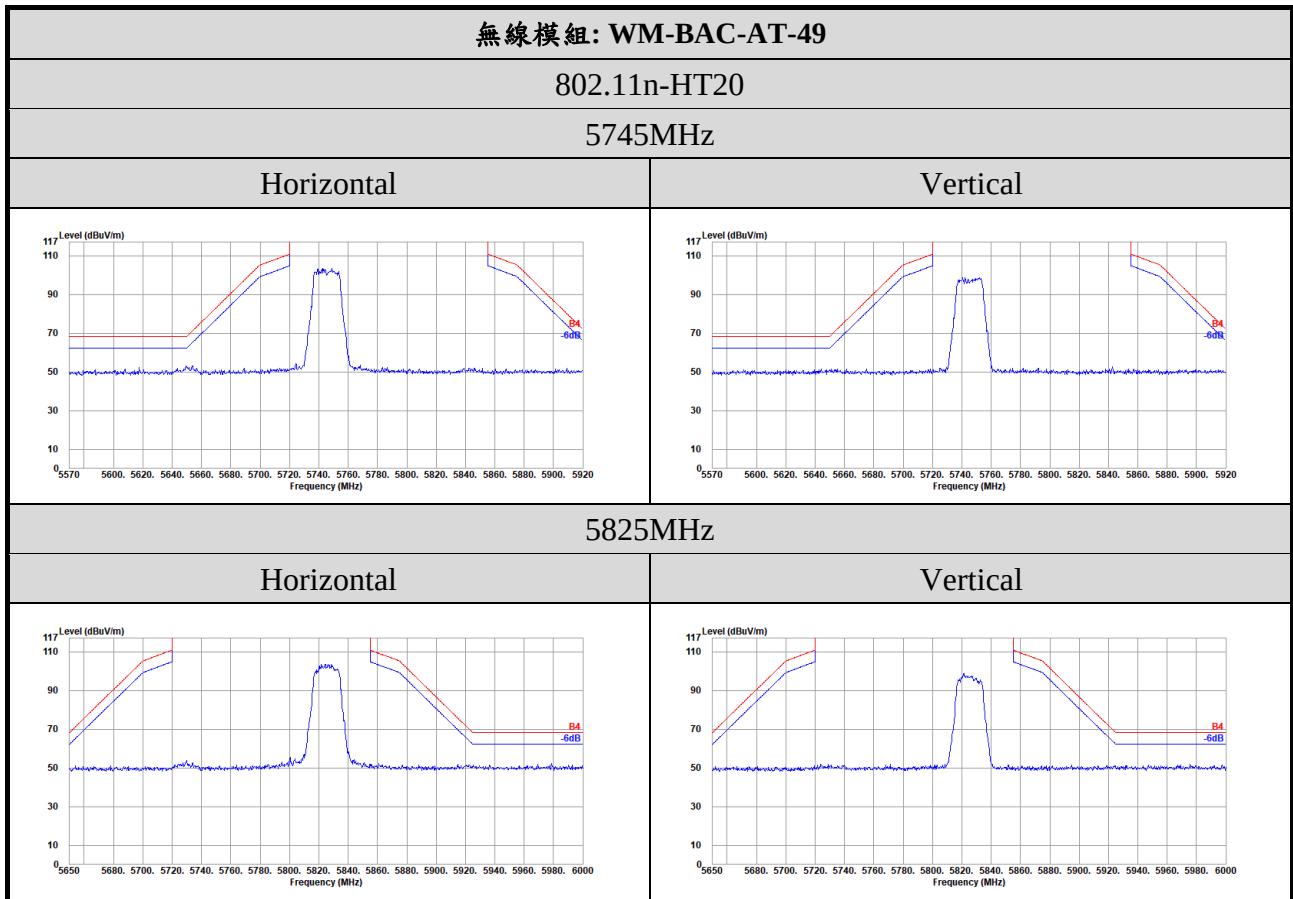


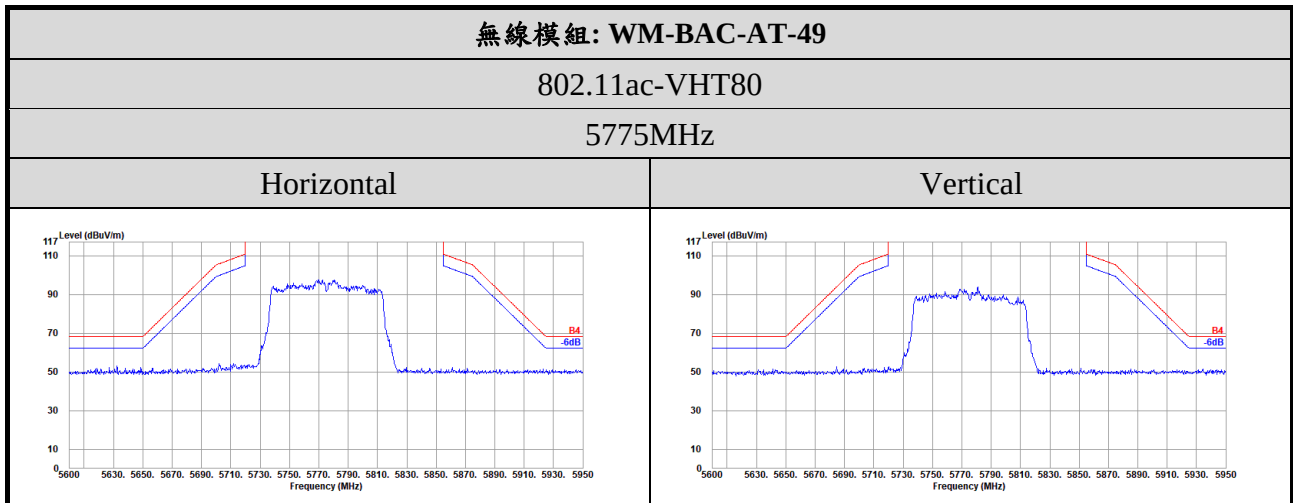
#### 4. 頻帶邊緣之 RF 輻射發射之量測

|                                                           |                  |        |                                               |
|-----------------------------------------------------------|------------------|--------|-----------------------------------------------|
| 測試日期                                                      | 2021/07/05~09/13 | 環境溫/濕度 | 24~27℃/55~62%                                 |
| 測試電壓                                                      | AC 110V 60Hz     | 測試人員   | (1)Hua Wu (2)Sam Chang                        |
|                                                           |                  | 電纜損失   | WM-BAC-AT-49: 6.15 dB<br>LBEE5ZZ1PJ : 4.23 dB |
| Simultaneous Factor10 log(n)(Note: “n” is antenna number) |                  |        | WM-BAC-AT-49: 3 dB<br>LBEE5ZZ1PJ : 0 dB       |

● 無線模組: WM-BAC-AT-49







● 無線模組: LBEE5ZZ1PJ

