

# 別紙 TEST DATA

(for Bluetooth Low Energy)

## 1. 周波数の偏差

### 1.1. 試験結果

| Test Voltage | Channel [MHz] | Read. Frequency [MHz] | Tolerance [kHz] | Tolerance [ppm] | Limit [ppm] |
|--------------|---------------|-----------------------|-----------------|-----------------|-------------|
| DC 3.70 V    | 2402          | 2402.01350            | 13.50           | 5.62            | ± 50.0      |
|              | 2440          | 2440.01325            | 13.25           | 5.43            | ± 50.0      |
|              | 2480          | 2480.01325            | 13.25           | 5.34            | ± 50.0      |
| DC 4.07 V    | 2402          | 2402.01375            | 13.75           | 5.72            | ± 50.0      |
|              | 2440          | 2440.01400            | 14.00           | 5.74            | ± 50.0      |
|              | 2480          | 2480.01425            | 14.25           | 5.75            | ± 50.0      |
| DC 3.33 V    | 2402          | 2402.01350            | 13.50           | 5.62            | ± 50.0      |
|              | 2440          | 2440.01375            | 13.75           | 5.64            | ± 50.0      |
|              | 2480          | 2480.01375            | 13.75           | 5.54            | ± 50.0      |

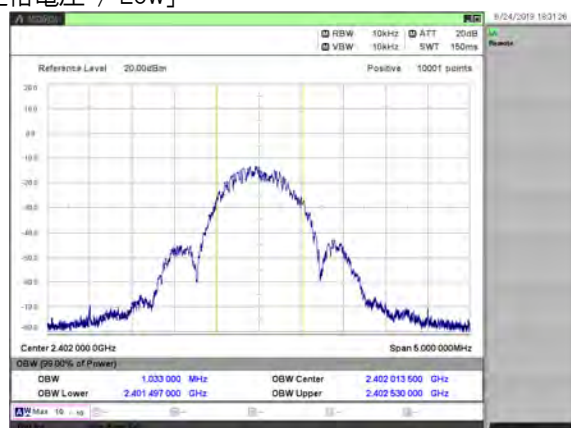
Tolerance [kHz] = (Read. Frequency [MHz] - Channel [MHz]) \* 10<sup>3</sup>

Tolerance [ppm] = Tolerance [kHz] \* 10<sup>-3</sup> / Channel [MHz] \* 10<sup>6</sup>

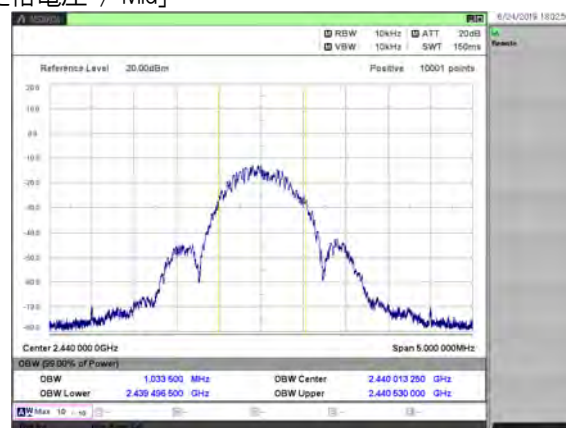
※ 変調状態で試験を実施し、占有周波数帯幅の中央周波数を結果とした

### 1.2. 測定器画面データ

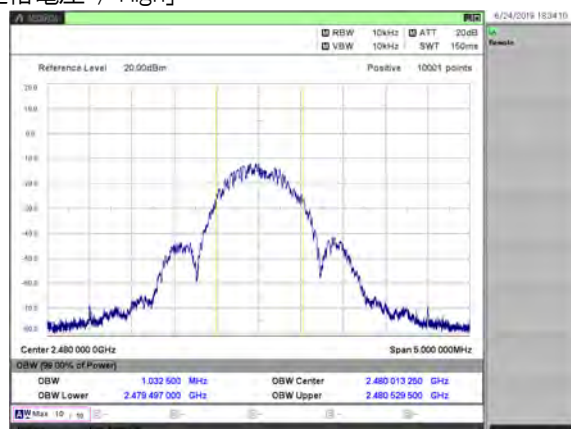
[定格電圧 / Low]



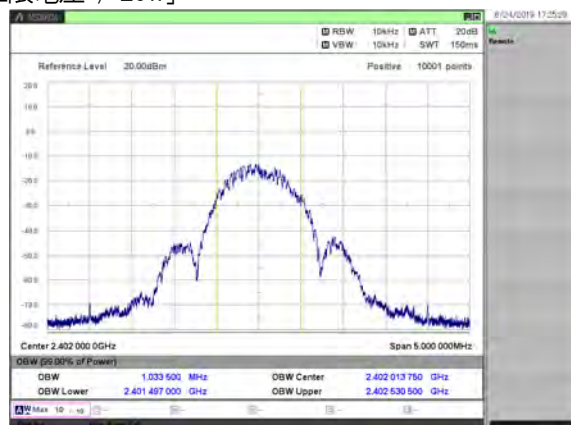
[定格電圧 / Mid]



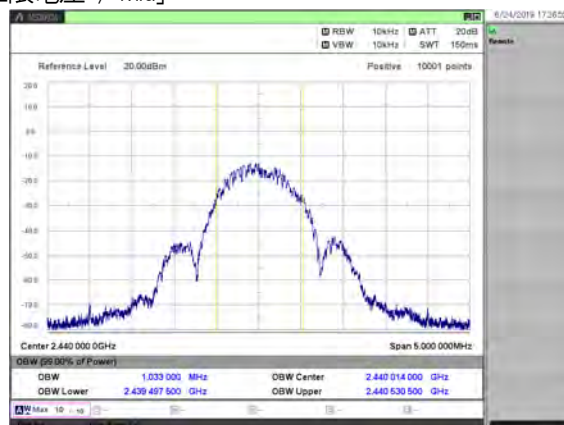
[定格電圧 / High]



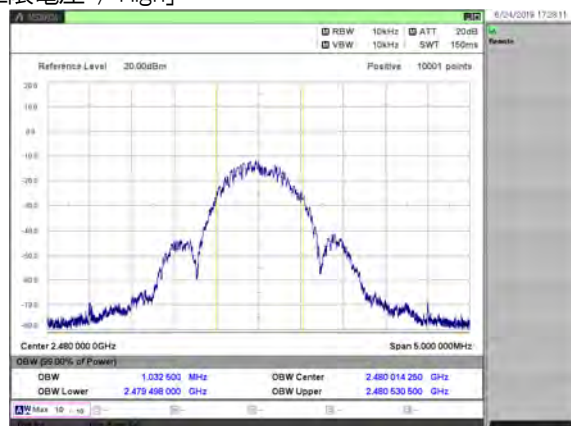
[上限電圧 / Low]



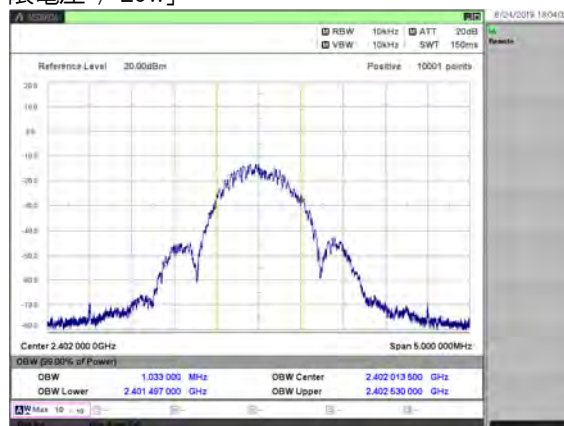
[上限電圧 / Mid]



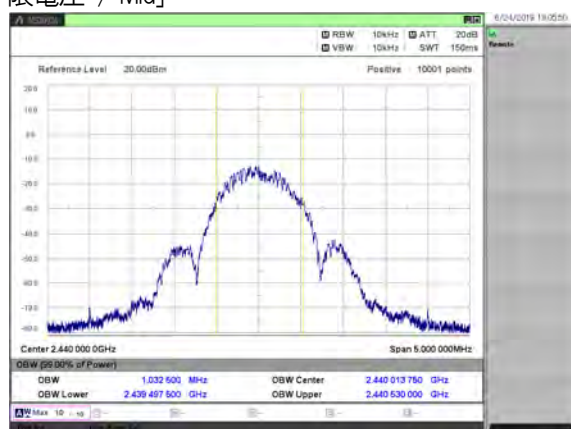
[上限電圧 / High]



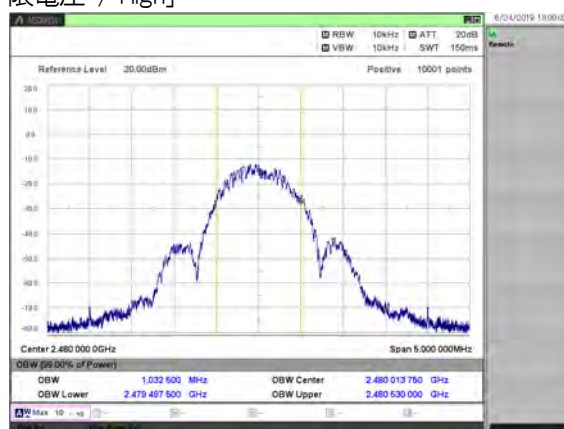
[下限電圧 / Low]



[下限電圧 / Mid]



[下限電圧 / High]



## 2. 占有周波数帯幅

### 2.1. 試験結果

[1Mbps]

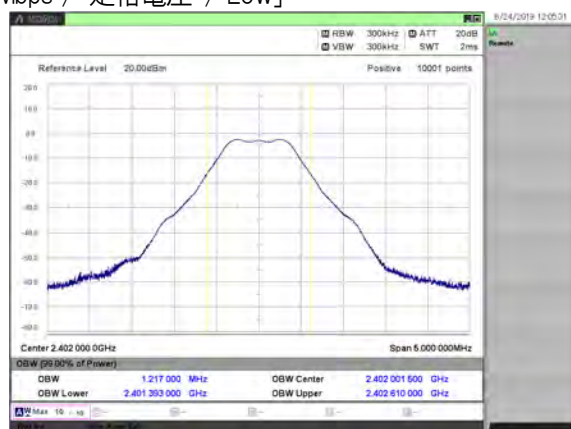
| Mode      | Channel [MHz] | Result [MHz] | Limit [MHz] |
|-----------|---------------|--------------|-------------|
| DC 3.70 V | 2402          | 1.217        | 26.0        |
|           | 2440          | 1.217        | 26.0        |
|           | 2480          | 1.217        | 26.0        |
| DC 4.07 V | 2402          | 1.217        | 26.0        |
|           | 2440          | 1.217        | 26.0        |
|           | 2480          | 1.217        | 26.0        |
| DC 3.33 V | 2402          | 1.217        | 26.0        |
|           | 2440          | 1.217        | 26.0        |
|           | 2480          | 1.217        | 26.0        |

[2Mbps]

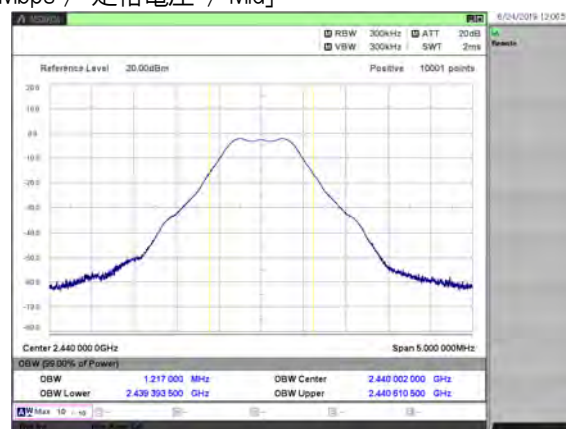
| Mode      | Channel [MHz] | Result [MHz] | Limit [MHz] |
|-----------|---------------|--------------|-------------|
| DC 3.70 V | 2402          | 2.156        | 26.0        |
|           | 2440          | 2.156        | 26.0        |
|           | 2480          | 2.156        | 26.0        |
| DC 4.07 V | 2402          | 2.156        | 26.0        |
|           | 2440          | 2.157        | 26.0        |
|           | 2480          | 2.156        | 26.0        |
| DC 3.33 V | 2402          | 2.156        | 26.0        |
|           | 2440          | 2.156        | 26.0        |
|           | 2480          | 2.156        | 26.0        |

### 2.2. 測定器画面データ

[1Mbps / 定格電圧 / Low]

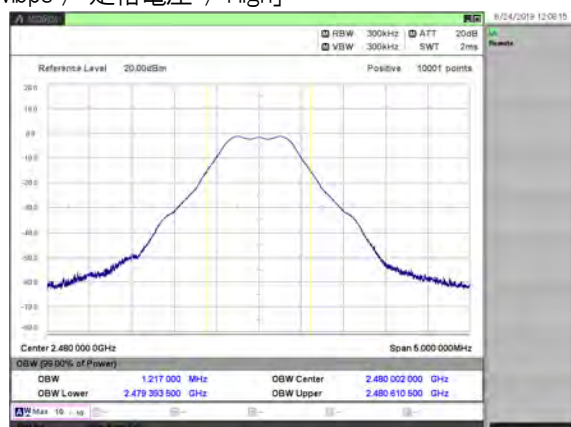


[1Mbps / 定格電圧 / Mid]

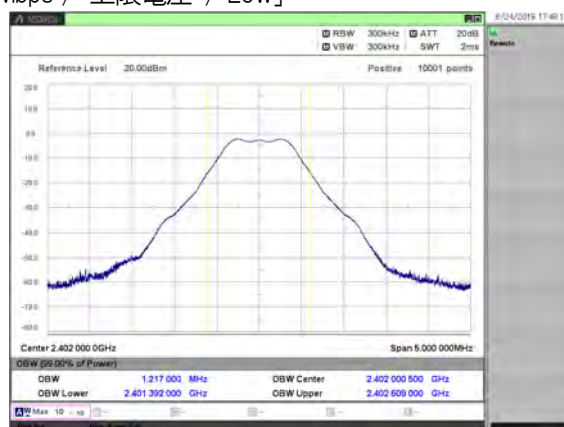




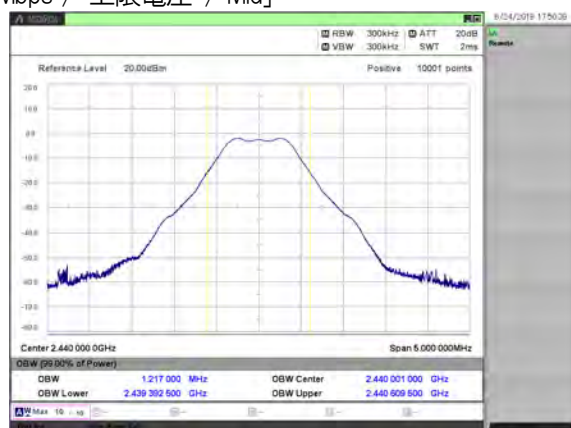
[1Mbps / 定格電圧 / High]



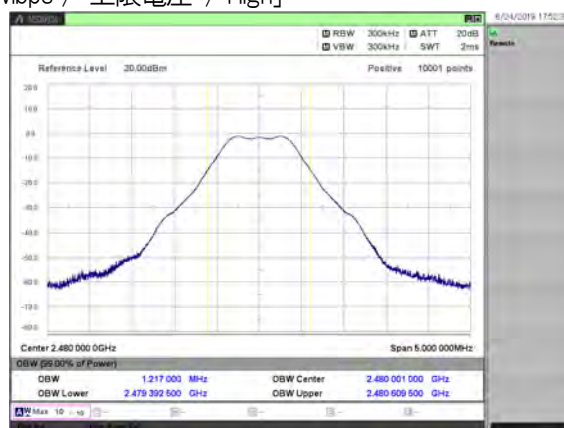
[1Mbps / 上限電圧 / Low]



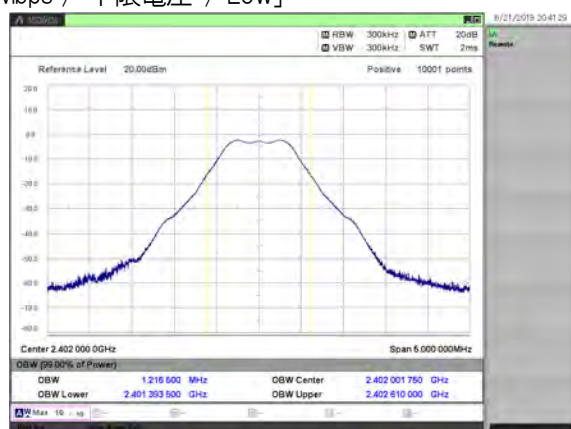
[1Mbps / 上限電圧 / Mid]



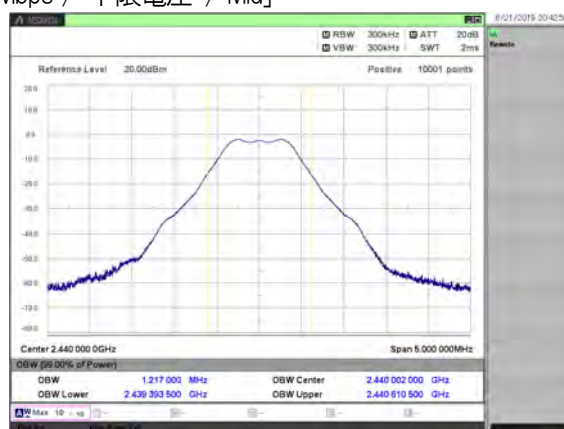
[1Mbps / 上限電圧 / High]



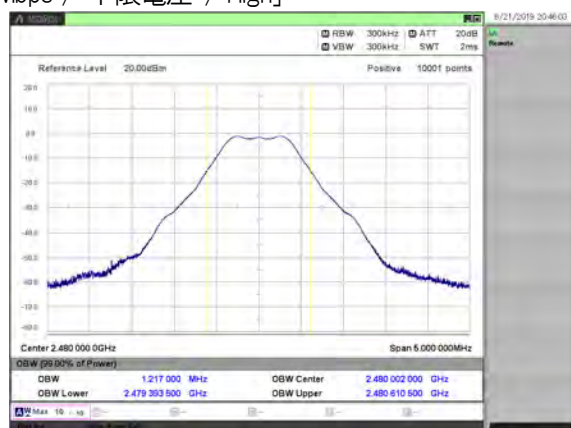
[1Mbps / 下限電圧 / Low]



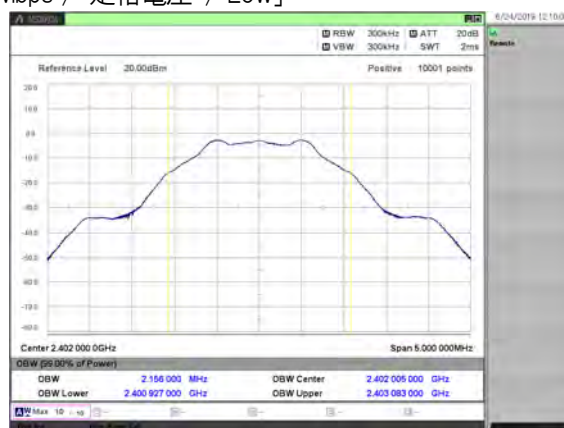
[1Mbps / 下限電圧 / Mid]



[1Mbps / 下限電圧 / High]



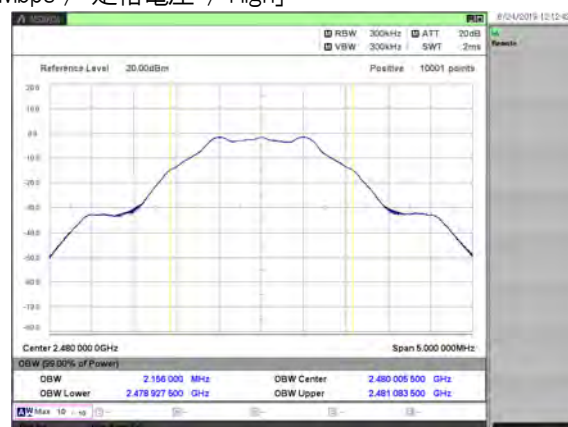
[2Mbps / 定格電圧 / Low]



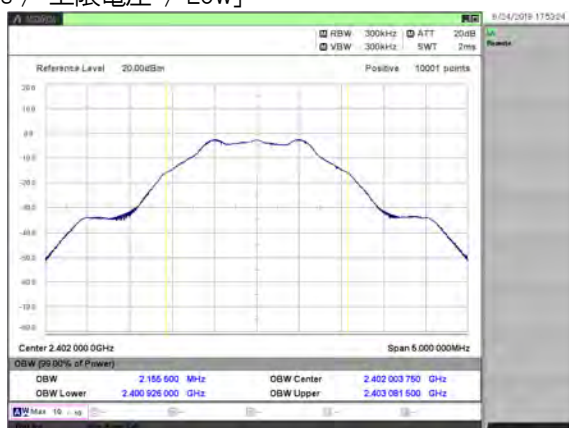
[2Mbps / 定格電圧 / Mid]



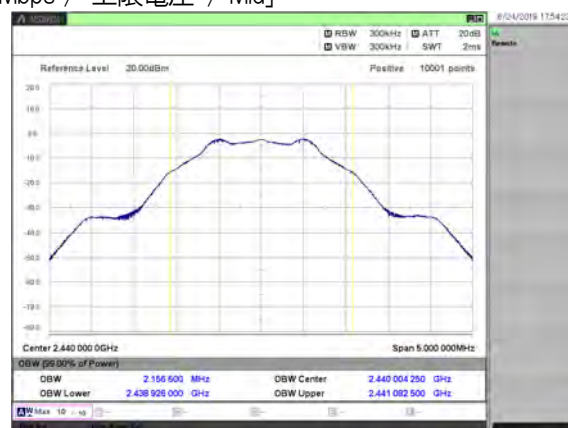
[2Mbps / 定格電圧 / High]



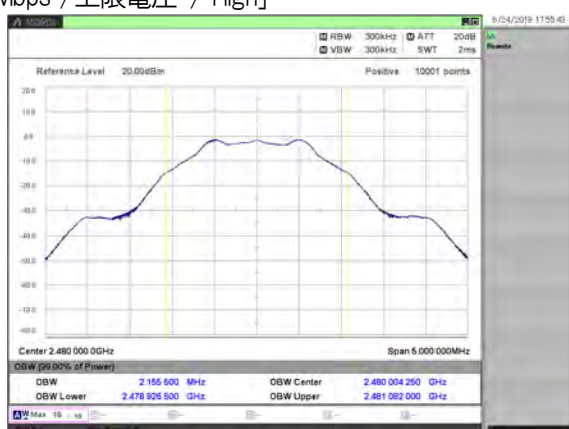
[2Mbps / 上限電圧 / Low]



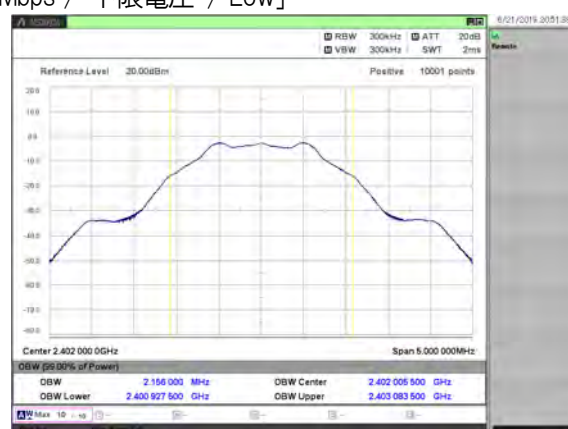
[2Mbps / 上限電圧 / Mid]



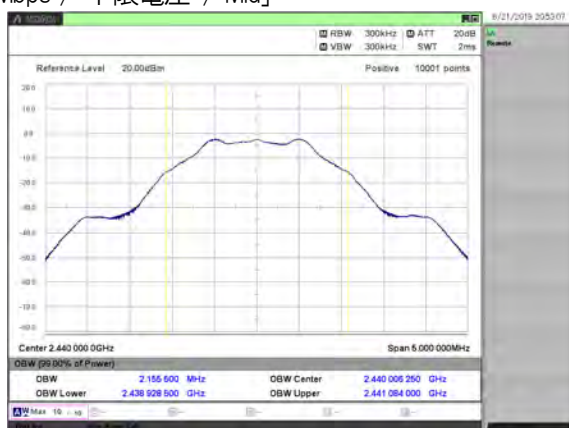
[2Mbps / 上限電圧 / High]



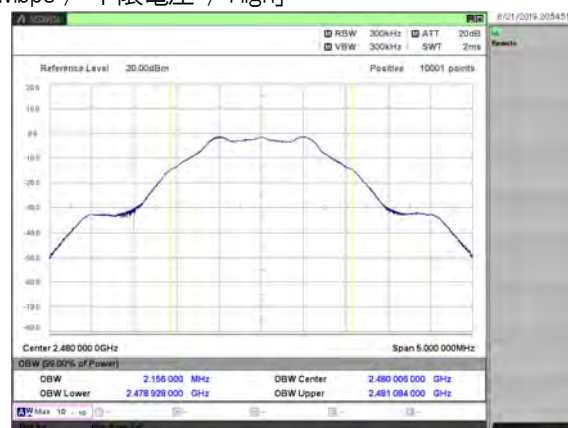
[2Mbps / 下限電圧 / Low]



[2Mbps / 下限電圧 / Mid]



[2Mbps / 下限電圧 / High]



### 3. スプリアス発射または不要発射の強度

#### 3.1. 試験結果

[1Mbps]

| Test Voltage | Channel [MHz] | Frequency [MHz] | S/A Read. [dBm] | C.F. [dB] | Result [dBm] | Result [uW] | Limit [dBm] | Limit [uW] | Margin [dB] |
|--------------|---------------|-----------------|-----------------|-----------|--------------|-------------|-------------|------------|-------------|
| DC 3.70 V    | 2402          | 1900.28         | -65.35          | 0.66      | -64.69       | 0.00034     | -26.02      | 2.5        | 38.67       |
|              |               | 2375.73         | -55.46          | 0.69      | -54.77       | 0.00333     | -26.02      | 2.5        | 28.75       |
|              |               | 2400.00         | -39.74          | 0.69      | -39.05       | 0.12445     | -16.02      | 25.0       | 23.03       |
|              |               | 2493.99         | -56.09          | 0.69      | -55.40       | 0.00288     | -16.02      | 25.0       | 39.38       |
|              |               | 2501.60         | -56.46          | 0.69      | -55.77       | 0.00265     | -26.02      | 2.5        | 29.75       |
|              |               | 4803.32         | -61.59          | 0.81      | -60.78       | 0.00084     | -26.02      | 2.5        | 34.76       |
|              | 2440          | 1900.04         | -65.89          | 0.66      | -65.23       | 0.00030     | -26.02      | 2.5        | 39.21       |
|              |               | 2376.44         | -55.50          | 0.69      | -54.81       | 0.00330     | -26.02      | 2.5        | 28.79       |
|              |               | 2393.14         | -54.75          | 0.69      | -54.06       | 0.00393     | -16.02      | 25.0       | 38.04       |
|              |               | 2494.77         | -56.53          | 0.69      | -55.84       | 0.00261     | -16.02      | 25.0       | 39.82       |
|              |               | 2504.03         | -55.36          | 0.69      | -54.67       | 0.00341     | -26.02      | 2.5        | 28.65       |
|              |               | 4879.25         | -60.60          | 0.82      | -59.78       | 0.00105     | -26.02      | 2.5        | 33.76       |
|              | 2480          | 1900.04         | -67.11          | 0.66      | -66.45       | 0.00023     | -26.02      | 2.5        | 40.43       |
|              |               | 2383.24         | -55.67          | 0.69      | -54.98       | 0.00318     | -26.02      | 2.5        | 28.96       |
|              |               | 2394.89         | -55.91          | 0.69      | -55.22       | 0.00301     | -16.02      | 25.0       | 39.20       |
|              |               | 2483.68         | -54.38          | 0.69      | -53.69       | 0.00428     | -16.02      | 25.0       | 37.67       |
|              |               | 2505.76         | -54.82          | 0.69      | -54.13       | 0.00386     | -26.02      | 2.5        | 28.11       |
|              |               | 4959.17         | -59.64          | 0.82      | -58.82       | 0.00131     | -26.02      | 2.5        | 32.80       |
| DC 4.07 V    | 2402          | 2337.90         | -69.01          | 0.69      | -68.32       | 0.00015     | -26.02      | 2.5        | 42.30       |
|              |               | 2386.76         | -55.63          | 0.69      | -54.94       | 0.00321     | -26.02      | 2.5        | 28.92       |
|              |               | 2400.00         | -39.66          | 0.69      | -38.97       | 0.12677     | -16.02      | 25.0       | 22.95       |
|              |               | 2488.77         | -56.79          | 0.69      | -56.10       | 0.00245     | -16.02      | 25.0       | 40.08       |
|              |               | 2500.09         | -56.32          | 0.69      | -55.63       | 0.00274     | -26.02      | 2.5        | 29.61       |
|              |               | 4804.32         | -61.20          | 0.81      | -60.39       | 0.00091     | -26.02      | 2.5        | 34.37       |
|              | 2440          | 1933.33         | -65.18          | 0.67      | -64.51       | 0.00035     | -26.02      | 2.5        | 38.49       |
|              |               | 2382.26         | -55.40          | 0.69      | -54.71       | 0.00338     | -26.02      | 2.5        | 28.69       |
|              |               | 2393.44         | -55.25          | 0.69      | -54.56       | 0.00350     | -16.02      | 25.0       | 38.54       |
|              |               | 2491.59         | -56.60          | 0.69      | -55.91       | 0.00256     | -16.02      | 25.0       | 39.89       |
|              |               | 2504.66         | -56.30          | 0.69      | -55.61       | 0.00275     | -26.02      | 2.5        | 29.59       |
|              |               | 4879.25         | -60.12          | 0.82      | -59.30       | 0.00117     | -26.02      | 2.5        | 33.28       |
|              | 2480          | 1898.40         | -69.59          | 0.66      | -68.93       | 0.00013     | -26.02      | 2.5        | 42.91       |
|              |               | 2385.45         | -55.66          | 0.69      | -54.97       | 0.00318     | -26.02      | 2.5        | 28.95       |
|              |               | 2397.06         | -56.06          | 0.69      | -55.37       | 0.00290     | -16.02      | 25.0       | 39.35       |
|              |               | 2483.69         | -54.54          | 0.69      | -53.85       | 0.00412     | -16.02      | 25.0       | 37.83       |
|              |               | 2506.22         | -54.90          | 0.69      | -54.21       | 0.00379     | -26.02      | 2.5        | 28.19       |
|              |               | 4959.17         | -59.13          | 0.82      | -58.31       | 0.00148     | -26.02      | 2.5        | 32.29       |

| Test Voltage | Channel [MHz] | Frequency [MHz] | S/A Read. [dBm] | C.F. [dB] | Result [dBm] | Result [uW] | Limit [dBm] | Limit [uW] | Margin [dB] |
|--------------|---------------|-----------------|-----------------|-----------|--------------|-------------|-------------|------------|-------------|
| DC 3.33 V    | 2402          | 1898.40         | -65.54          | 0.66      | -64.88       | 0.00033     | -26.02      | 2.5        | 38.86       |
|              |               | 2383.87         | -55.50          | 0.69      | -54.81       | 0.00330     | -26.02      | 2.5        | 28.79       |
|              |               | 2400.00         | -39.52          | 0.69      | -38.83       | 0.13092     | -16.02      | 25.0       | 22.81       |
|              |               | 2486.69         | -56.80          | 0.69      | -56.11       | 0.00245     | -16.02      | 25.0       | 40.09       |
|              |               | 2497.84         | -56.77          | 0.69      | -56.08       | 0.00247     | -26.02      | 2.5        | 30.06       |
|              |               | 4803.32         | -61.88          | 0.81      | -61.07       | 0.00078     | -26.02      | 2.5        | 35.05       |
|              | 2440          | 1900.51         | -65.25          | 0.67      | -64.58       | 0.00035     | -26.02      | 2.5        | 38.56       |
|              |               | 2376.49         | -55.49          | 0.69      | -54.80       | 0.00331     | -26.02      | 2.5        | 28.78       |
|              |               | 2389.05         | -55.80          | 0.69      | -55.11       | 0.00308     | -16.02      | 25.0       | 39.09       |
|              |               | 2489.78         | -57.02          | 0.69      | -56.33       | 0.00233     | -16.02      | 25.0       | 40.31       |
|              |               | 2497.92         | -56.55          | 0.69      | -55.86       | 0.00259     | -26.02      | 2.5        | 29.84       |
|              |               | 5194.95         | -59.37          | 0.85      | -58.52       | 0.00141     | -26.02      | 2.5        | 32.50       |
|              | 2480          | 1900.28         | -64.22          | 0.66      | -63.56       | 0.00044     | -26.02      | 2.5        | 37.54       |
|              |               | 2379.43         | -55.71          | 0.69      | -55.02       | 0.00315     | -26.02      | 2.5        | 29.00       |
|              |               | 2395.80         | -55.43          | 0.69      | -54.74       | 0.00336     | -16.02      | 25.0       | 38.72       |
|              |               | 2484.04         | -53.83          | 0.69      | -53.14       | 0.00485     | -16.02      | 25.0       | 37.12       |
|              |               | 2506.67         | -54.91          | 0.69      | -54.22       | 0.00378     | -26.02      | 2.5        | 28.20       |
|              |               | 2516.49         | -65.72          | 0.69      | -65.03       | 0.00031     | -26.02      | 2.5        | 39.01       |
|              |               | 4959.17         | -60.87          | 0.82      | -60.05       | 0.00099     | -26.02      | 2.5        | 34.03       |

[2Mbps]

| Test Voltage | Channel [MHz] | Frequency [MHz] | S/A Read. [dBm] | C.F. [dB] | Result [dBm] | Result [uW] | Limit [dBm] | Limit [uW] | Margin [dB] |
|--------------|---------------|-----------------|-----------------|-----------|--------------|-------------|-------------|------------|-------------|
| DC 3.70 V    | 2402          | 2338.14         | -66.56          | 0.69      | -65.87       | 0.00026     | -26.02      | 2.5        | 39.85       |
|              |               | 2382.70         | -55.53          | 0.69      | -54.84       | 0.00328     | -26.02      | 2.5        | 28.82       |
|              |               | 2400.00         | -25.45          | 0.69      | -24.76       | 3.34195     | -16.02      | 25.0       | 8.74        |
|              |               | 2486.30         | -55.74          | 0.69      | -55.05       | 0.00313     | -16.02      | 25.0       | 39.03       |
|              |               | 2509.10         | -55.78          | 0.69      | -55.09       | 0.00310     | -26.02      | 2.5        | 29.07       |
|              |               | 4805.32         | -62.51          | 0.81      | -61.70       | 0.00068     | -26.02      | 2.5        | 35.68       |
|              | 2440          | 1900.75         | -67.93          | 0.67      | -67.26       | 0.00019     | -26.02      | 2.5        | 41.24       |
|              |               | 2377.56         | -54.54          | 0.69      | -53.85       | 0.00412     | -26.02      | 2.5        | 27.83       |
|              |               | 2398.09         | -55.80          | 0.69      | -55.11       | 0.00308     | -16.02      | 25.0       | 39.09       |
|              |               | 2490.31         | -56.32          | 0.69      | -55.63       | 0.00274     | -16.02      | 25.0       | 39.61       |
|              |               | 2504.39         | -56.25          | 0.69      | -55.56       | 0.00278     | -26.02      | 2.5        | 29.54       |
|              |               | 4881.24         | -60.74          | 0.82      | -59.92       | 0.00102     | -26.02      | 2.5        | 33.90       |
|              | 2480          | 1900.04         | -66.60          | 0.66      | -65.94       | 0.00025     | -26.02      | 2.5        | 39.92       |
|              |               | 2381.82         | -55.45          | 0.69      | -54.76       | 0.00334     | -26.02      | 2.5        | 28.74       |
|              |               | 2390.18         | -54.34          | 0.69      | -53.65       | 0.00432     | -16.02      | 25.0       | 37.63       |
|              |               | 2483.53         | -51.72          | 0.69      | -51.03       | 0.00789     | -16.02      | 25.0       | 35.01       |
|              |               | 2505.58         | -54.49          | 0.69      | -53.80       | 0.00417     | -26.02      | 2.5        | 27.78       |
|              |               | 4959.17         | -60.13          | 0.82      | -59.31       | 0.00117     | -26.02      | 2.5        | 33.29       |

| Test Voltage | Channel [MHz] | Frequency [MHz] | S/A Read. [dBm] | C.F. [dB] | Result [dBm] | Result [uW] | Limit [dBm] | Limit [uW] | Margin [dB] |
|--------------|---------------|-----------------|-----------------|-----------|--------------|-------------|-------------|------------|-------------|
| DC 4.07 V    | 2402          | 1933.56         | -64.92          | 0.67      | -64.25       | 0.00038     | -26.02      | 2.5        | 38.23       |
|              |               | 2381.81         | -55.75          | 0.69      | -55.06       | 0.00312     | -26.02      | 2.5        | 29.04       |
|              |               | 2400.00         | -25.32          | 0.69      | -24.63       | 3.44350     | -16.02      | 25.0       | 8.61        |
|              |               | 2495.35         | -56.40          | 0.69      | -55.71       | 0.00269     | -16.02      | 25.0       | 39.69       |
|              |               | 2503.75         | -55.92          | 0.69      | -55.23       | 0.00300     | -26.02      | 2.5        | 29.21       |
|              |               | 4803.32         | -62.43          | 0.81      | -61.62       | 0.00069     | -26.02      | 2.5        | 35.60       |
|              | 2440          | 1900.04         | -68.42          | 0.66      | -67.76       | 0.00017     | -26.02      | 2.5        | 41.74       |
|              |               | 2380.16         | -55.64          | 0.69      | -54.95       | 0.00320     | -26.02      | 2.5        | 28.93       |
|              |               | 2398.80         | -55.95          | 0.69      | -55.26       | 0.00298     | -16.02      | 25.0       | 39.24       |
|              |               | 2491.22         | -56.86          | 0.69      | -56.17       | 0.00242     | -16.02      | 25.0       | 40.15       |
|              |               | 2503.87         | -55.73          | 0.69      | -55.04       | 0.00313     | -26.02      | 2.5        | 29.02       |
|              |               | 4881.24         | -61.02          | 0.82      | -60.20       | 0.00095     | -26.02      | 2.5        | 34.18       |
|              | 2480          | 1900.28         | -67.33          | 0.66      | -66.67       | 0.00022     | -26.02      | 2.5        | 40.65       |
|              |               | 2381.74         | -55.90          | 0.69      | -55.21       | 0.00301     | -26.02      | 2.5        | 29.19       |
|              |               | 2390.21         | -55.68          | 0.69      | -54.99       | 0.00317     | -16.02      | 25.0       | 38.97       |
|              |               | 2483.50         | -52.02          | 0.69      | -51.33       | 0.00736     | -16.02      | 25.0       | 35.31       |
|              |               | 2505.74         | -54.57          | 0.69      | -53.88       | 0.00409     | -26.02      | 2.5        | 27.86       |
|              |               | 4961.17         | -59.63          | 0.82      | -58.81       | 0.00132     | -26.02      | 2.5        | 32.79       |
| DC 3.33 V    | 2402          | 1933.80         | -66.20          | 0.67      | -65.53       | 0.00028     | -26.02      | 2.5        | 39.51       |
|              |               | 2383.03         | -55.49          | 0.69      | -54.80       | 0.00331     | -26.02      | 2.5        | 28.78       |
|              |               | 2399.99         | -25.28          | 0.69      | -24.59       | 3.47536     | -16.02      | 25.0       | 8.57        |
|              |               | 2493.72         | -56.74          | 0.69      | -56.05       | 0.00248     | -16.02      | 25.0       | 40.03       |
|              |               | 2497.02         | -56.65          | 0.69      | -55.96       | 0.00254     | -26.02      | 2.5        | 29.94       |
|              |               | 4805.32         | -61.72          | 0.81      | -60.91       | 0.00081     | -26.02      | 2.5        | 34.89       |
|              | 2440          | 1900.51         | -64.57          | 0.67      | -63.90       | 0.00041     | -26.02      | 2.5        | 37.88       |
|              |               | 2383.70         | -55.47          | 0.69      | -54.78       | 0.00333     | -26.02      | 2.5        | 28.76       |
|              |               | 2393.93         | -55.52          | 0.69      | -54.83       | 0.00329     | -16.02      | 25.0       | 38.81       |
|              |               | 2493.54         | -56.07          | 0.69      | -55.38       | 0.00290     | -16.02      | 25.0       | 39.36       |
|              |               | 2507.10         | -56.20          | 0.69      | -55.51       | 0.00281     | -26.02      | 2.5        | 29.49       |
|              |               | 4879.25         | -60.71          | 0.82      | -59.89       | 0.00103     | -26.02      | 2.5        | 33.87       |
|              | 2480          | 1900.28         | -65.92          | 0.66      | -65.26       | 0.00030     | -26.02      | 2.5        | 39.24       |
|              |               | 2379.29         | -55.32          | 0.69      | -54.63       | 0.00344     | -26.02      | 2.5        | 28.61       |
|              |               | 2392.31         | -55.79          | 0.69      | -55.10       | 0.00309     | -16.02      | 25.0       | 39.08       |
|              |               | 2483.51         | -51.80          | 0.69      | -51.11       | 0.00774     | -16.02      | 25.0       | 35.09       |
|              |               | 2505.71         | -55.36          | 0.69      | -54.67       | 0.00341     | -26.02      | 2.5        | 28.65       |
|              |               | 4959.17         | -60.11          | 0.82      | -59.29       | 0.00118     | -26.02      | 2.5        | 33.27       |

Result [uW] =  $10^{\{(S/A \text{ Read. [dBm]} + C.F. [dB])/10\}} \times 10^3$

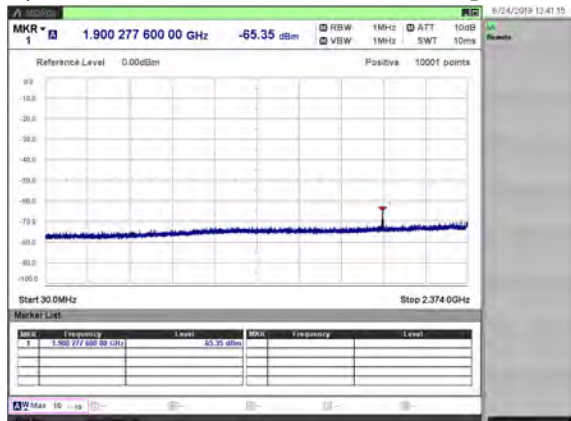
※ 1GHz 未満は RBW : 1MHz で実施した結果を記載

参照帯域幅 (RBW : 100kHz) 当たりに換算した値、および RBW : 100kHz で実施した結果を RBW : 1MHz 当たりに換算した値については、上記結果より小さくなるため記載を省略

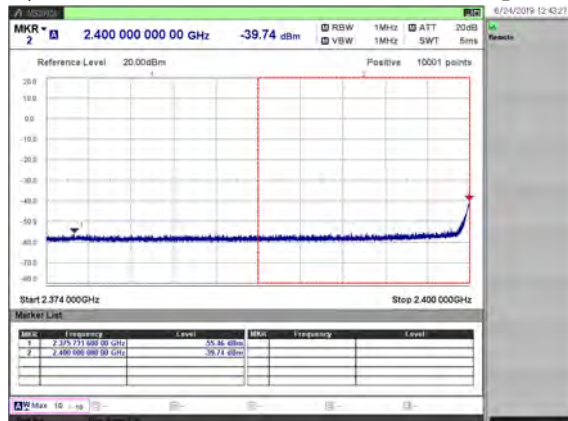


## 3.2. 測定器画面データ

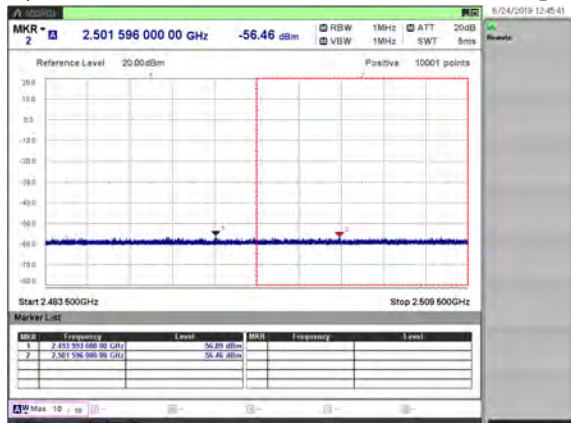
[1Mbps / 定格電圧 / Low / 30 - 2374MHz]



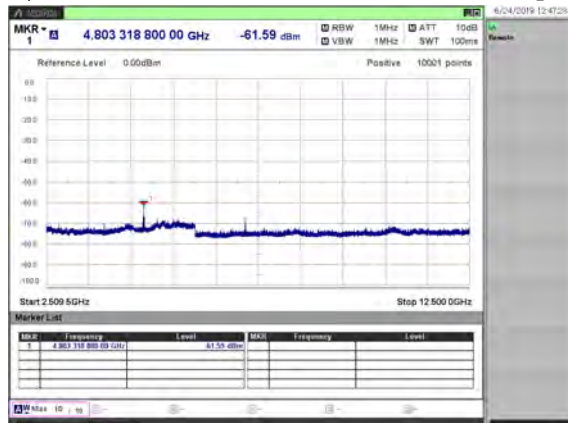
[1Mbps / 定格電圧 / Low / 2374 - 2400MHz]



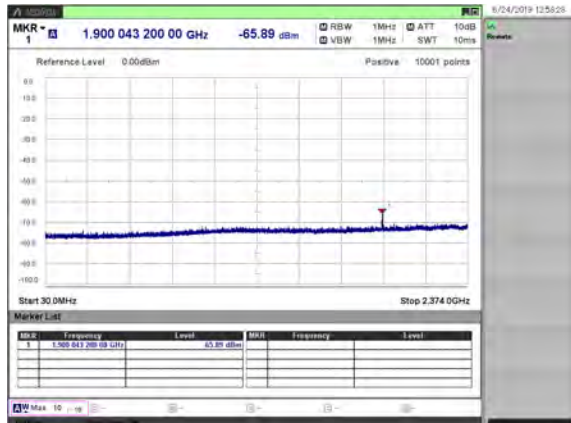
[1Mbps / 定格電圧 / Low / 2483.5 - 2509.5MHz]



[1Mbps / 定格電圧 / Low / 2509.5 - 12500MHz]



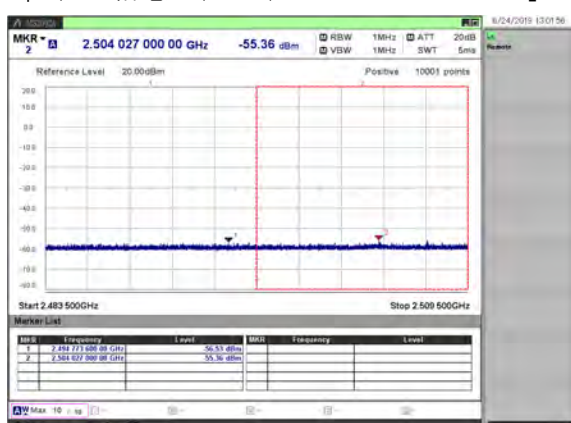
[1Mbps / 定格電圧 / Mid / 30 - 2374MHz]



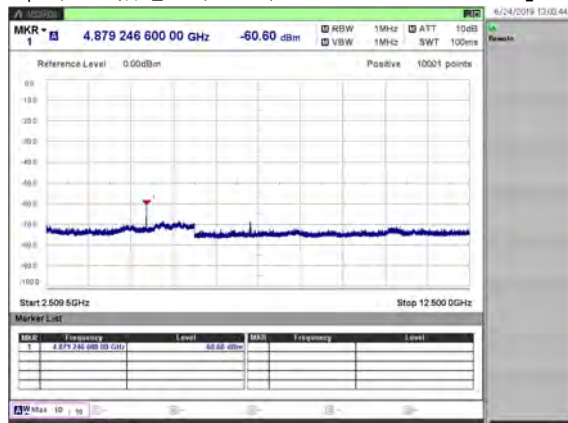
[1Mbps / 定格電圧 / Mid / 2374 - 2400MHz]



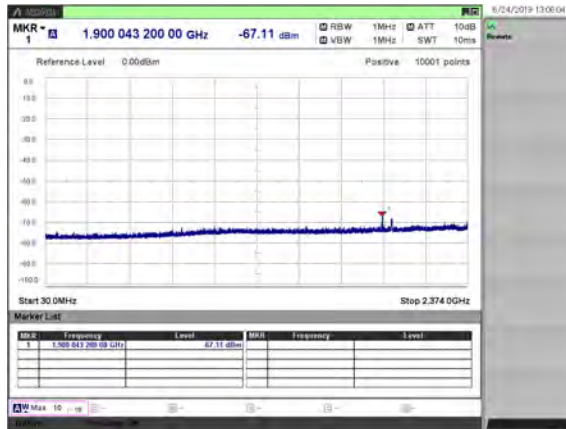
[1Mbps / 定格電圧 / Mid / 2483.5 - 2509.5MHz]



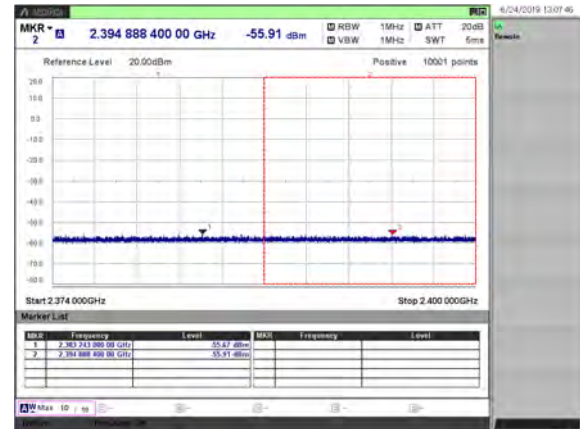
[1Mbps / 定格電圧 / Mid / 2509.5 - 12500MHz]



[1Mbps / 定格電圧 / High / 30 - 2374MHz]



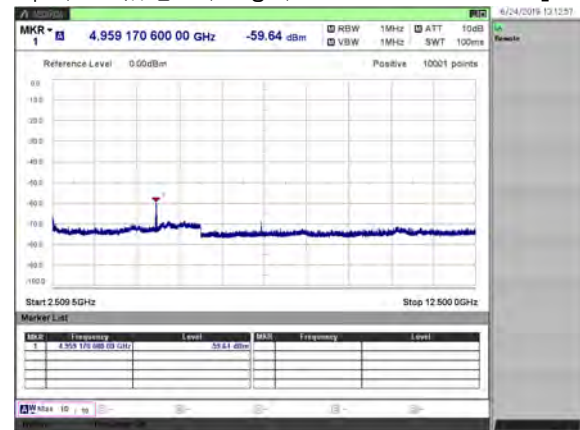
[1Mbps / 定格電圧 / High / 2374 - 2400MHz]



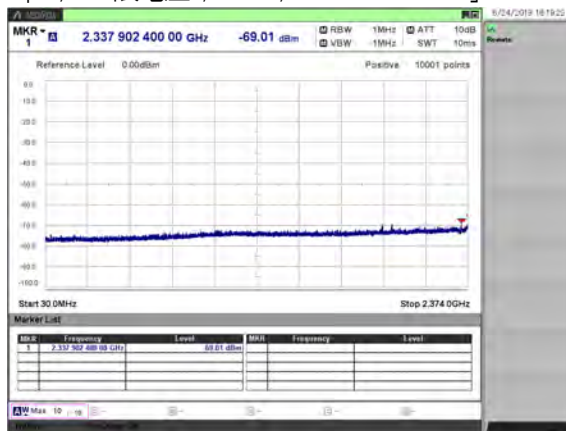
[1Mbps / 定格電圧 / High / 2483.5 - 2509.5MHz]



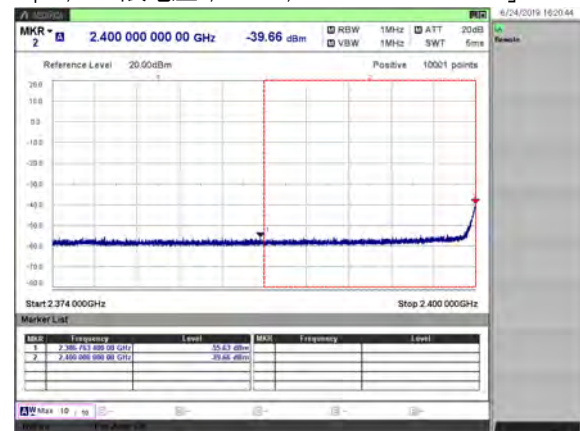
[1Mbps / 定格電圧 / High / 2509.5 - 12500MHz]



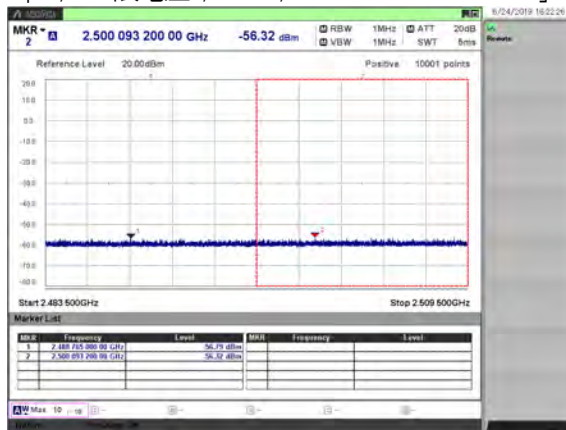
[1Mbps / 上限電圧 / Low / 30 - 2374MHz]



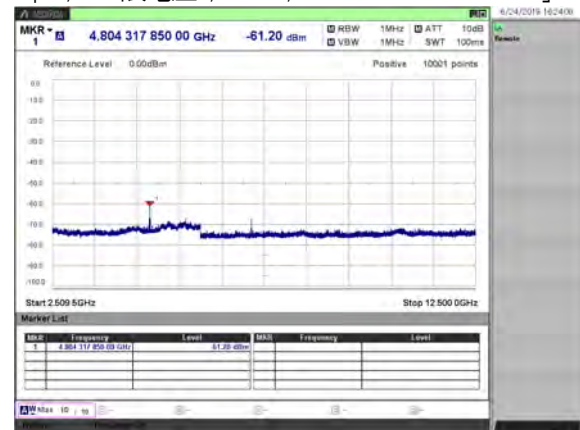
[1Mbps / 上限電圧 / Low / 2374 - 2400MHz]



[1Mbps / 上限電圧 / Low / 2483.5 - 2509.5MHz]



[1Mbps / 上限電圧 / Low / 2509.5 - 12500MHz]

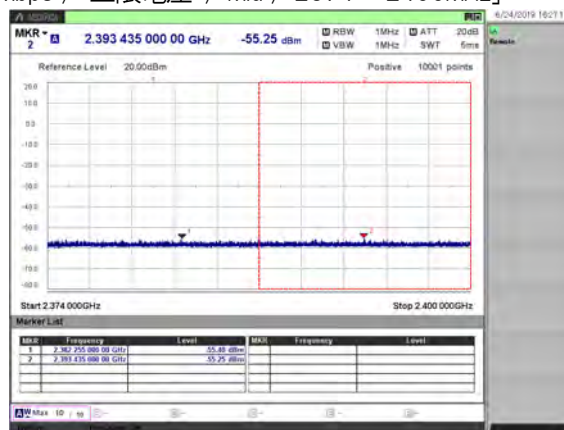




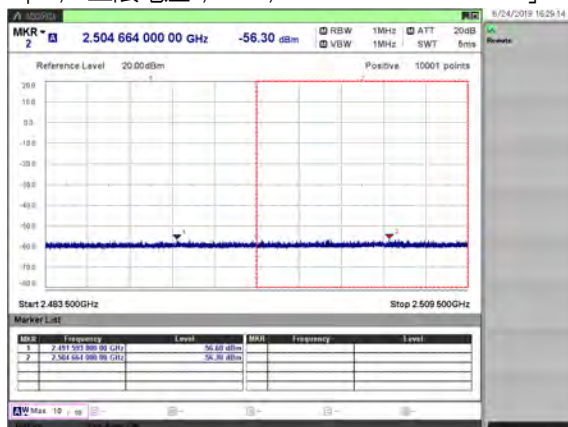
[1Mbps / 上限電圧 / Mid / 30 - 2374MHz]



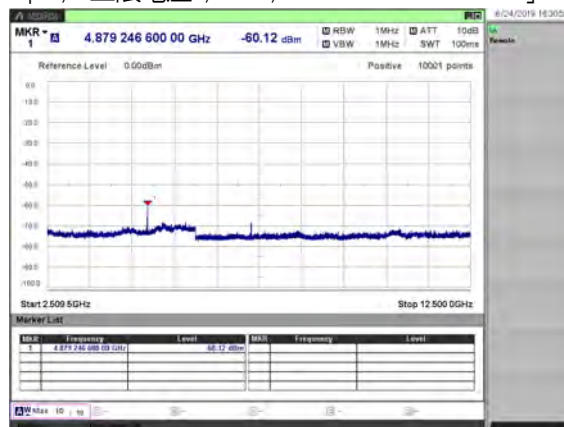
[1Mbps / 上限電圧 / Mid / 2374 - 2400MHz]



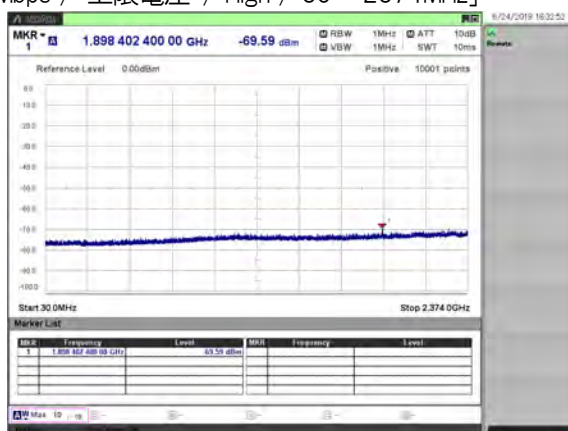
[1Mbps / 上限電圧 / Mid / 2483.5 - 2509.5MHz]



[1Mbps / 上限電圧 / Mid / 2509.5 - 12500MHz]



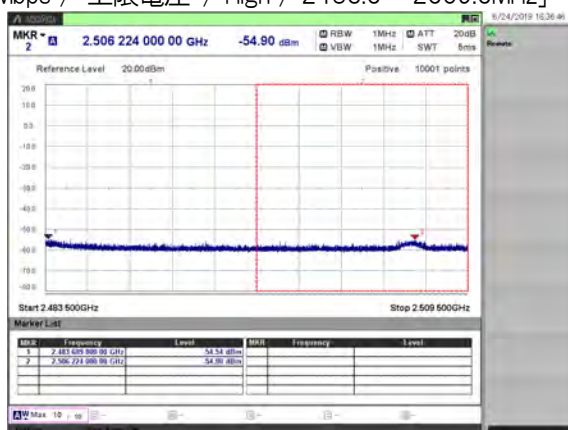
[1Mbps / 上限電圧 / High / 30 - 2374MHz]



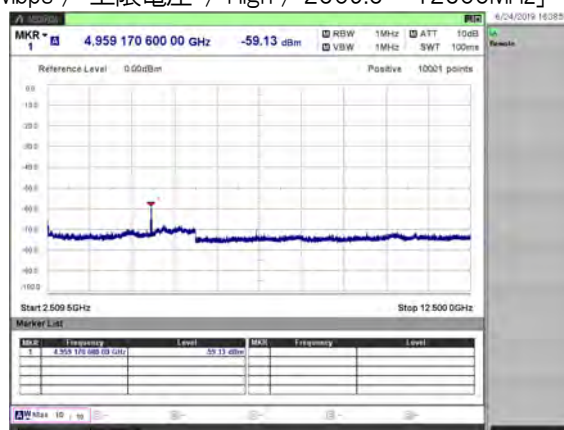
[1Mbps / 上限電圧 / High / 2374 - 2400MHz]



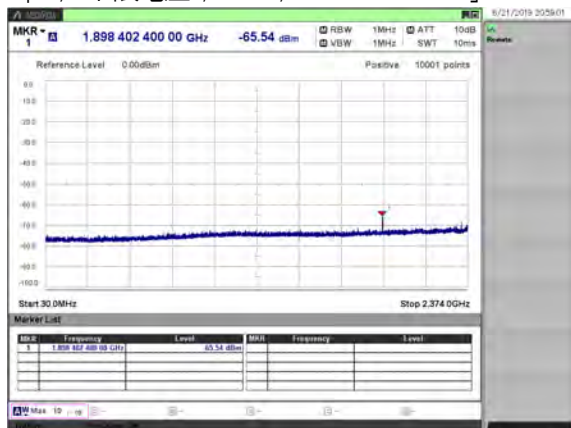
[1Mbps / 上限電圧 / High / 2483.5 - 2509.5MHz]



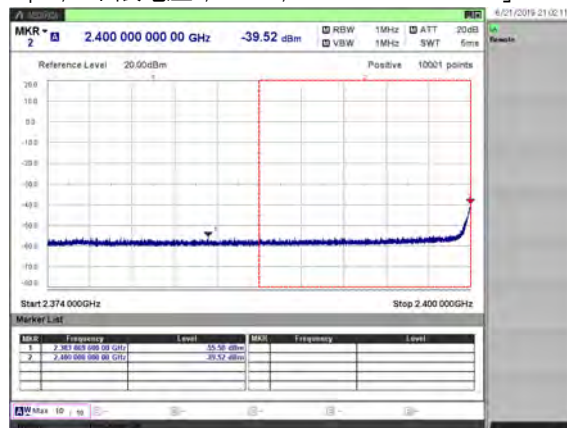
[1Mbps / 上限電圧 / High / 2509.5 - 12500MHz]



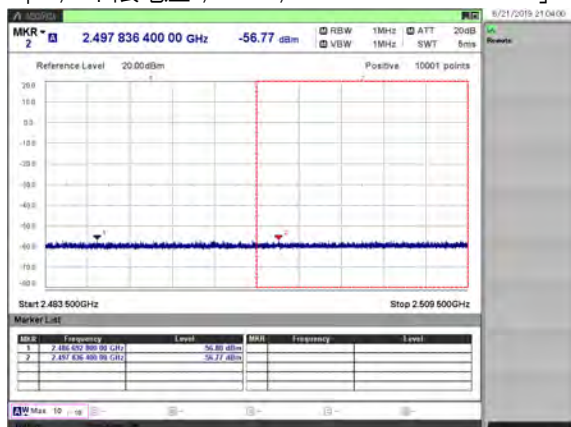
[1Mbps / 下限電圧 / Low / 30 - 2374MHz]



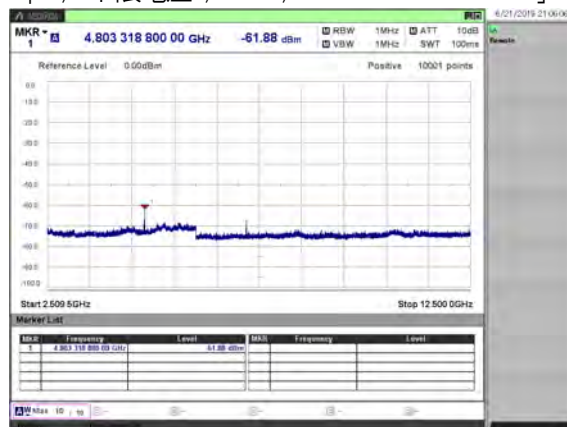
[1Mbps / 下限電圧 / Low / 2374 - 2400MHz]



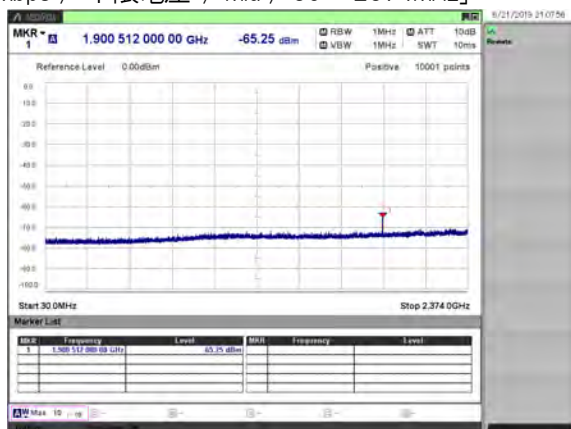
[1Mbps / 下限電圧 / Low / 2483.5 - 2509.5MHz]



[1Mbps / 下限電圧 / Low / 2509.5 - 12500MHz]



[1Mbps / 下限電圧 / Mid / 30 - 2374MHz]



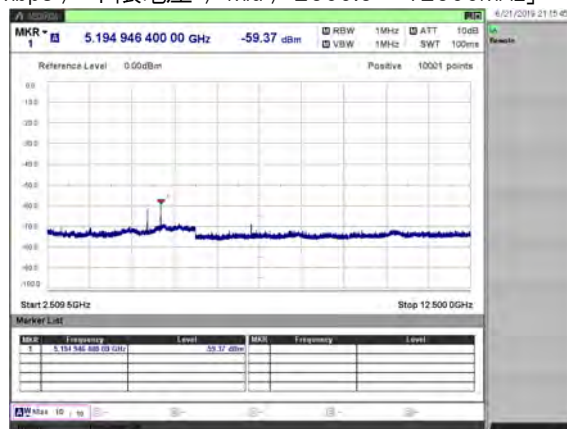
[1Mbps / 下限電圧 / Mid / 2374 - 2400MHz]



[1Mbps / 下限電圧 / Mid / 2483.5 - 2509.5MHz]

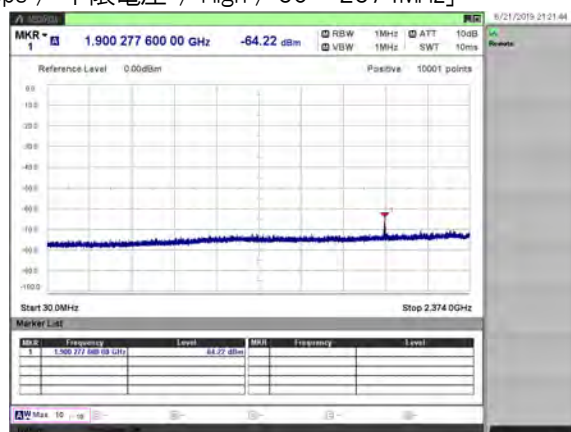


[1Mbps / 下限電圧 / Mid / 2509.5 - 12500MHz]





[1Mbps / 下限電圧 / High / 30 - 2374MHz]



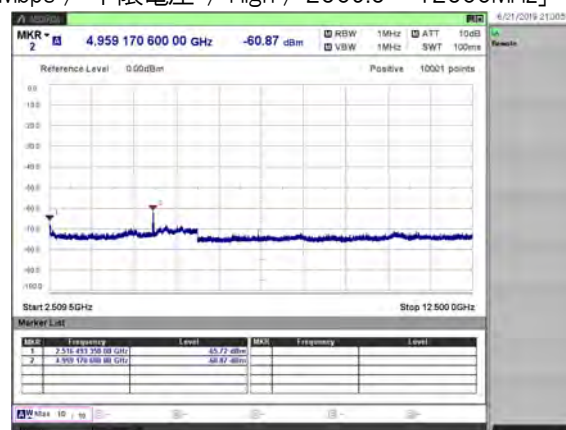
[1Mbps / 下限電圧 / High / 2374 - 2400MHz]



[1Mbps / 下限電圧 / High / 2483.5 - 2509.5MHz]



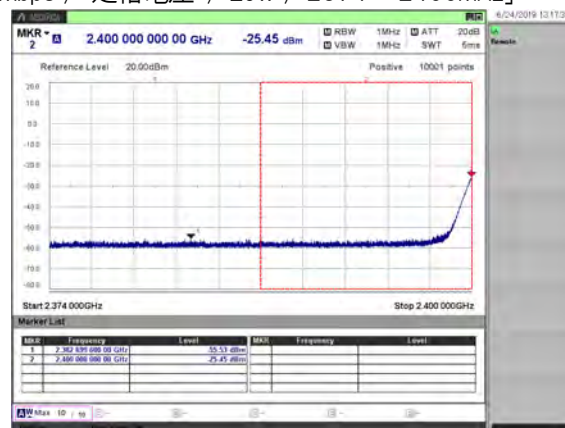
[1Mbps / 下限電圧 / High / 2509.5 - 12500MHz]



[2Mbps / 定格電圧 / Low / 30 - 2374MHz]



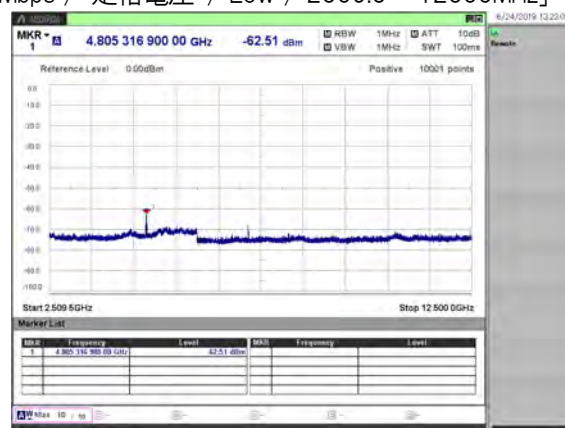
[2Mbps / 定格電圧 / Low / 2374 - 2400MHz]



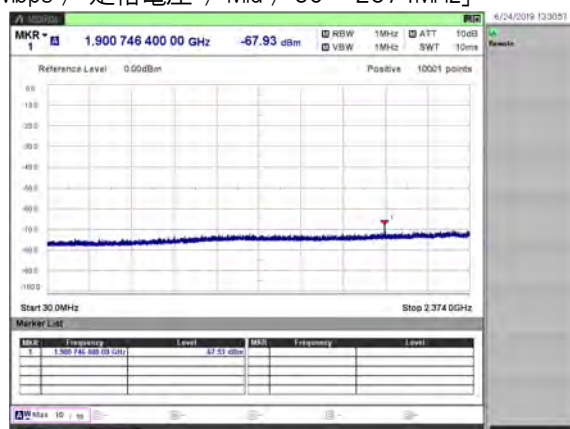
[2Mbps / 定格電圧 / Low / 2483.5 - 2509.5MHz]



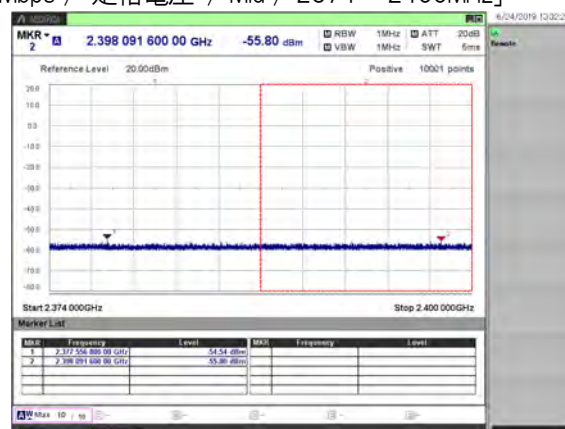
[2Mbps / 定格電圧 / Low / 2509.5 - 12500MHz]



[2Mbps / 定格電圧 / Mid / 30 - 2374MHz]



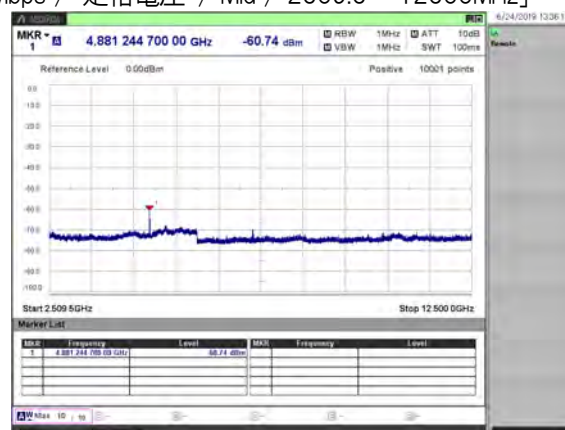
[2Mbps / 定格電圧 / Mid / 2374 - 2400MHz]



[2Mbps / 定格電圧 / Mid / 2483.5 - 2509.5MHz]



2Mbps / 定格電圧 / Mid / 2509.5 - 12500MHz]

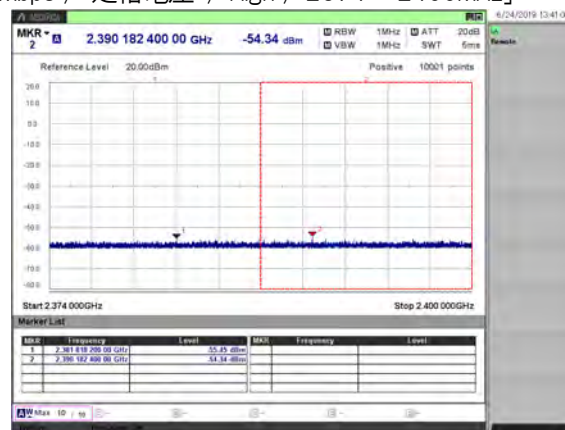




[2Mbps / 定格電圧 / High / 30 - 2374MHz]



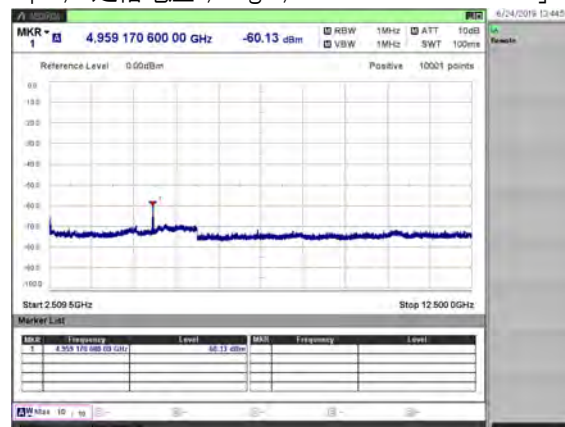
[2Mbps / 定格電圧 / High / 2374 - 2400MHz]



[2Mbps / 定格電圧 / High / 2483.5 - 2509.5MHz]



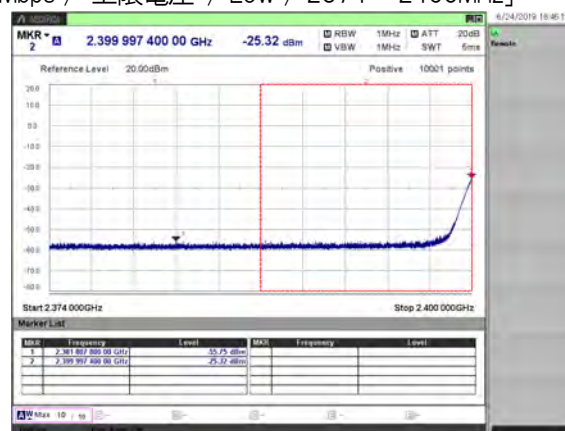
[2Mbps / 定格電圧 / High / 2509.5 - 12500MHz]



[2Mbps / 上限電圧 / Low / 30 - 2374MHz]



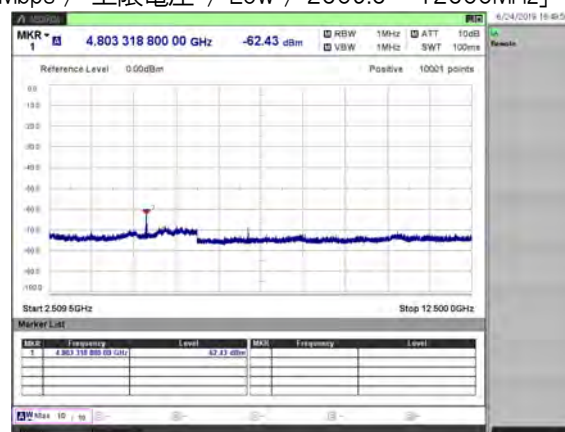
[2Mbps / 上限電圧 / Low / 2374 - 2400MHz]



[2Mbps / 上限電圧 / Low / 2483.5 - 2509.5MHz]



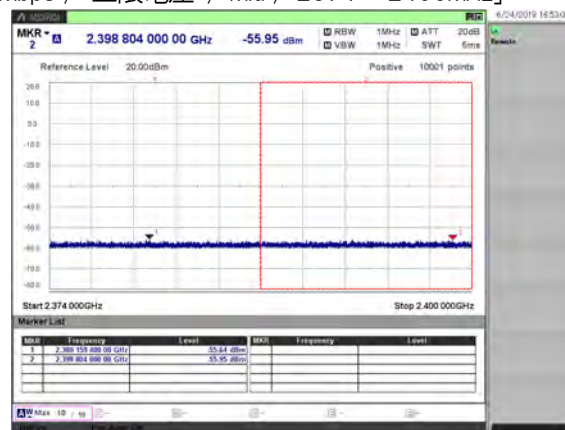
[2Mbps / 上限電圧 / Low / 2509.5 - 12500MHz]



[2Mbps / 上限電圧 / Mid / 30 - 2374MHz]



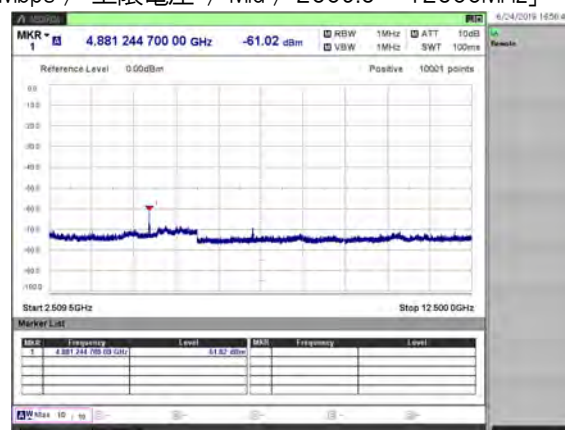
[2Mbps / 上限電圧 / Mid / 2374 - 2400MHz]



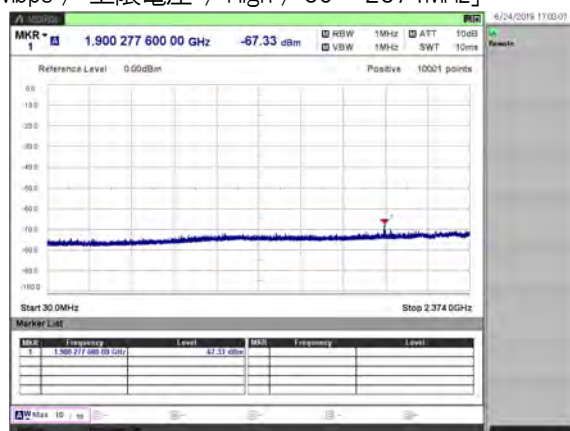
[2Mbps / 上限電圧 / Mid / 2483.5 - 2509.5MHz]



[2Mbps / 上限電圧 / Mid / 2509.5 - 12500MHz]



[2Mbps / 上限電圧 / High / 30 - 2374MHz]



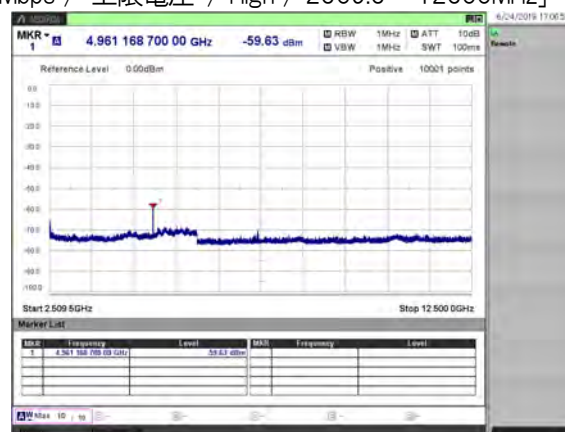
[2Mbps / 上限電圧 / High / 2374 - 2400MHz]



[2Mbps / 上限電圧 / High / 2483.5 - 2509.5MHz]



[2Mbps / 上限電圧 / High / 2509.5 - 12500MHz]

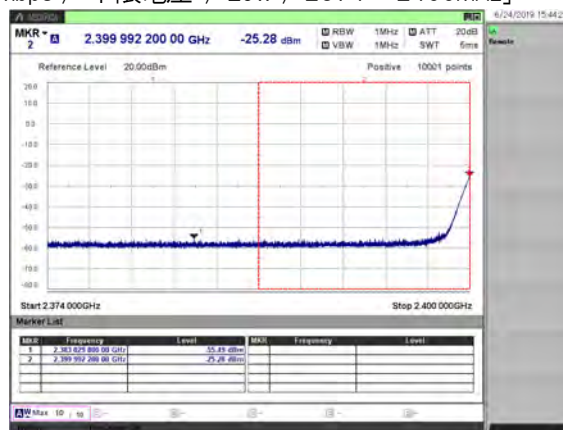




[2Mbps / 下限電圧 / Low / 30 - 2374MHz]



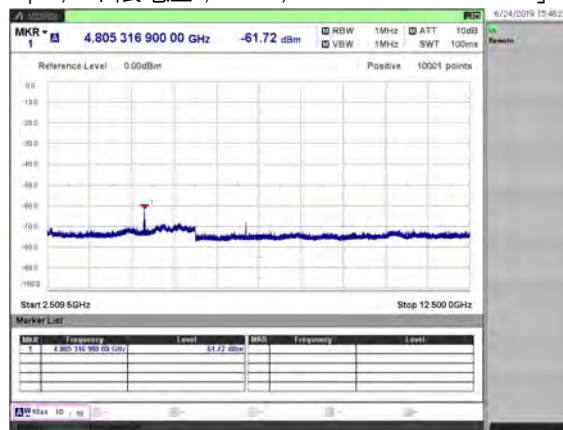
[2Mbps / 下限電圧 / Low / 2374 - 2400MHz]



[2Mbps / 下限電圧 / Low / 2483.5 - 2509.5MHz]



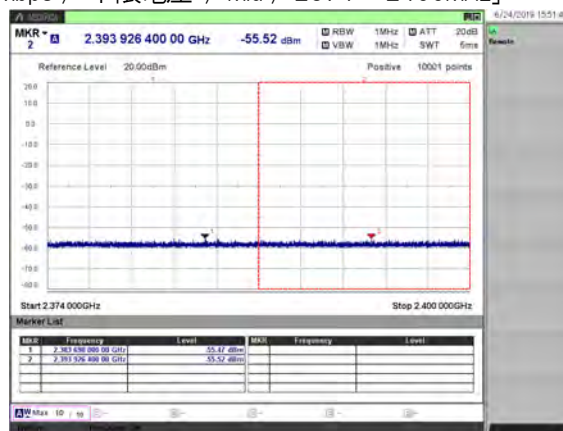
[2Mbps / 下限電圧 / Low / 2509.5 - 12500MHz]



[2Mbps / 下限電圧 / Mid / 30 - 2374MHz]



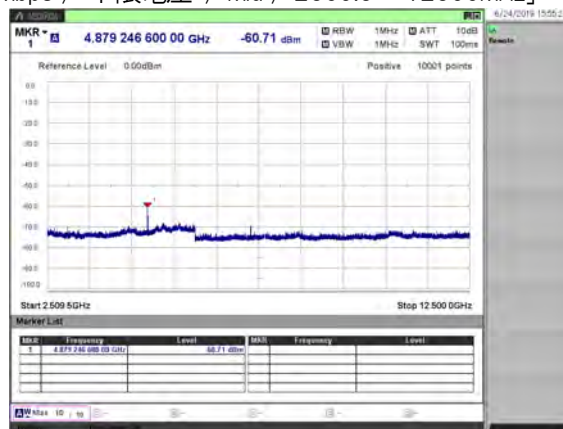
[2Mbps / 下限電圧 / Mid / 2374 - 2400MHz]



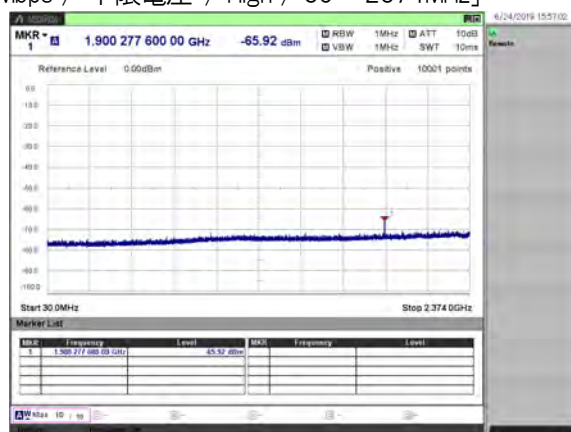
[2Mbps / 下限電圧 / Mid / 2483.5 - 2509.5MHz]



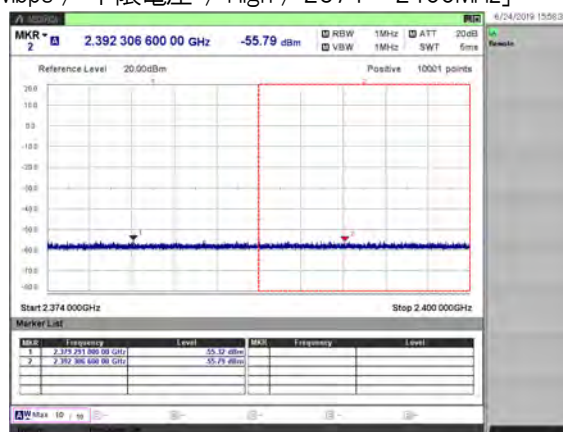
[2Mbps / 下限電圧 / Mid / 2509.5 - 12500MHz]



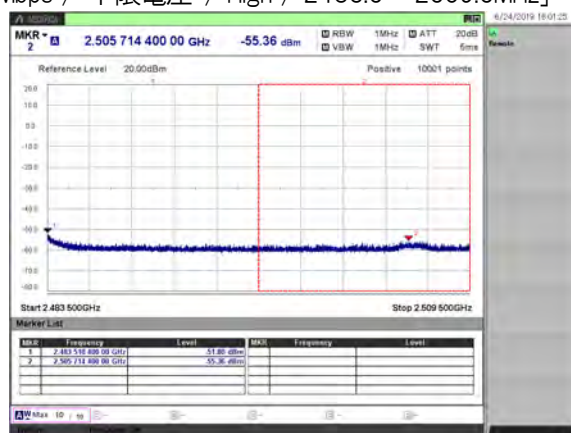
[2Mbps / 下限電圧 / High / 30 - 2374MHz]



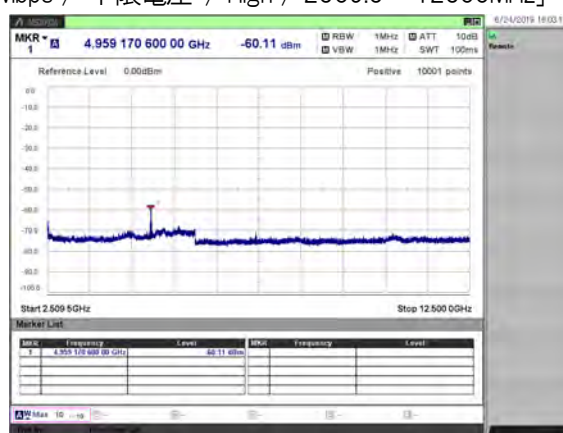
[2Mbps / 下限電圧 / High / 2374 - 2400MHz]



[2Mbps / 下限電圧 / High / 2483.5 - 2509.5MHz]



[2Mbps / 下限電圧 / High / 2509.5 - 12500MHz]



## 4. 空中線電力の偏差

### 4.1. 試験結果

[1Mbps]

| Test Voltage | Channel [MHz] | S/A Read. [dBm] | C.F. [dB] | Power [mW] | Power Limit [mW] | Tolerance [%] | Tolerance Limit [%] |
|--------------|---------------|-----------------|-----------|------------|------------------|---------------|---------------------|
| DC 3.70 V    | 2402          | -2.40           | 0.69      | 0.6745     | 10.0             | -38.34        | +20 ~ -80           |
|              | 2440          | -2.13           | 0.69      | 0.7178     | 10.0             | -34.38        | +20 ~ -80           |
|              | 2480          | -1.20           | 0.69      | 0.8892     | 10.0             | -18.71        | +20 ~ -80           |
| DC 4.07 V    | 2402          | -2.31           | 0.69      | 0.6887     | 10.0             | -37.04        | +20 ~ -80           |
|              | 2440          | -2.06           | 0.69      | 0.7295     | 10.0             | -33.31        | +20 ~ -80           |
|              | 2480          | -1.18           | 0.69      | 0.8933     | 10.0             | -18.33        | +20 ~ -80           |
| DC 3.33 V    | 2402          | -2.35           | 0.69      | 0.6823     | 10.0             | -37.62        | +20 ~ -80           |
|              | 2440          | -2.10           | 0.69      | 0.7228     | 10.0             | -33.93        | +20 ~ -80           |
|              | 2480          | -1.18           | 0.69      | 0.8933     | 10.0             | -18.33        | +20 ~ -80           |

[2Mbps]

| Test Voltage | Channel [MHz] | S/A Read. [dBm] | C.F. [dB] | Power [mW] | Power Limit [mW] | Tolerance [%] | Tolerance Limit [%] |
|--------------|---------------|-----------------|-----------|------------|------------------|---------------|---------------------|
| DC 3.70 V    | 2402          | -2.62           | 0.69      | 0.6412     | 10.0             | -41.38        | +20 ~ -80           |
|              | 2440          | -2.36           | 0.69      | 0.6808     | 10.0             | -37.76        | +20 ~ -80           |
|              | 2480          | -1.44           | 0.69      | 0.8414     | 10.0             | -23.08        | +20 ~ -80           |
| DC 4.07 V    | 2402          | -2.58           | 0.69      | 0.6471     | 10.0             | -40.84        | +20 ~ -80           |
|              | 2440          | -2.31           | 0.69      | 0.6887     | 10.0             | -37.04        | +20 ~ -80           |
|              | 2480          | -1.40           | 0.69      | 0.8492     | 10.0             | -22.37        | +20 ~ -80           |
| DC 3.33 V    | 2402          | -2.57           | 0.69      | 0.6486     | 10.0             | -40.70        | +20 ~ -80           |
|              | 2440          | -2.32           | 0.69      | 0.6871     | 10.0             | -37.19        | +20 ~ -80           |
|              | 2480          | -1.40           | 0.69      | 0.8492     | 10.0             | -22.37        | +20 ~ -80           |

$$\text{Power [mW]} = 10^{\{(S/A \text{ Read. [dBm]} + C.F. [dB])/10\}}$$

$$\text{Tolerance [\%]} = \text{Power [mW]} / \text{申請定格電力 [mW]} * 100 - 100$$

### 4.2. 測定器画面データ

[1Mbps / 定格電圧 / Low]

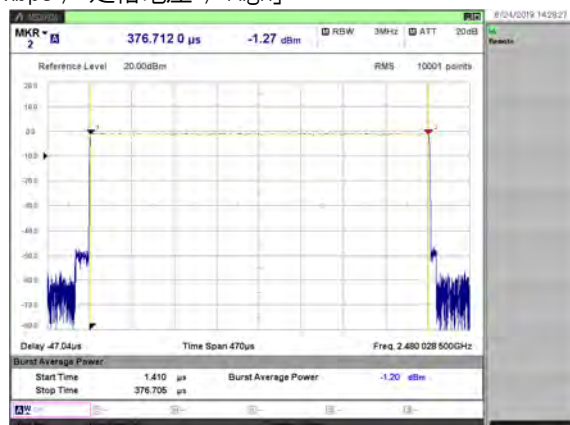


[1Mbps / 定格電圧 / Mid]





[1Mbps / 定格電圧 / High]



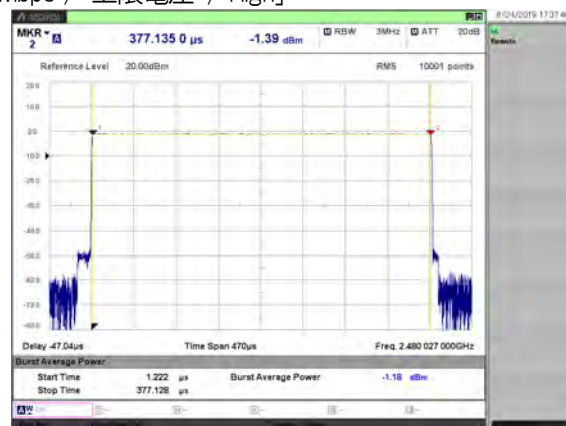
[1Mbps / 上限電圧 / Low]



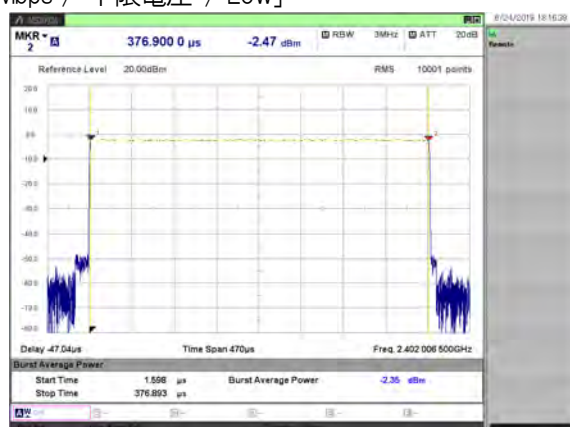
[1Mbps / 上限電圧 / Mid]



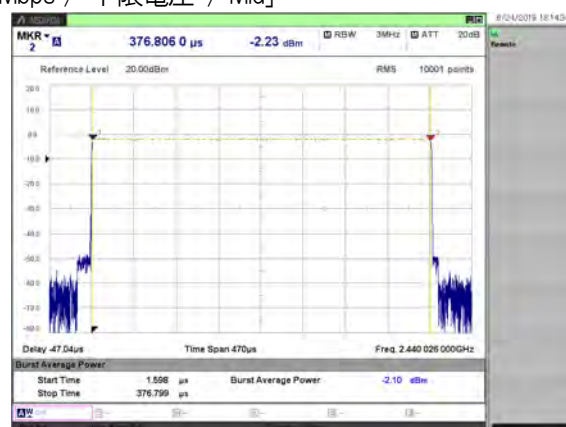
[1Mbps / 上限電圧 / High]



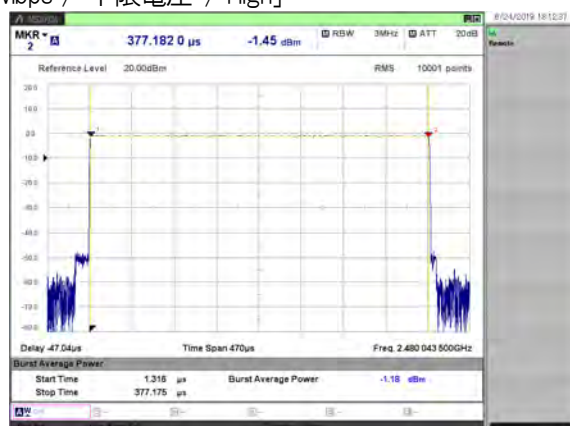
[1Mbps / 下限電圧 / Low]



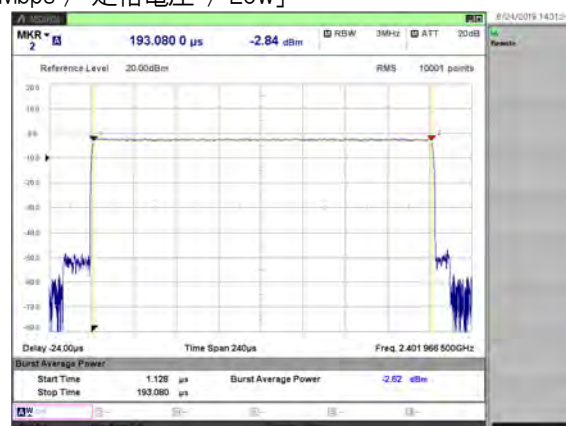
[1Mbps / 下限電圧 / Mid]



[1Mbps / 下限電圧 / High]

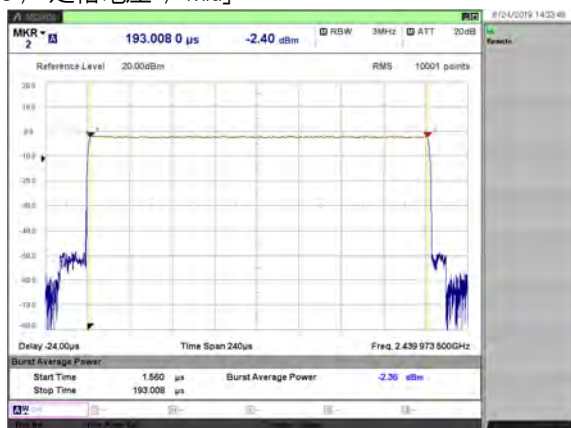


[2Mbps / 定格電圧 / Low]





[2Mbps / 定格電圧 / Mid]



[2Mbps / 定格電圧 / High]



[2Mbps / 上限電圧 / Low]



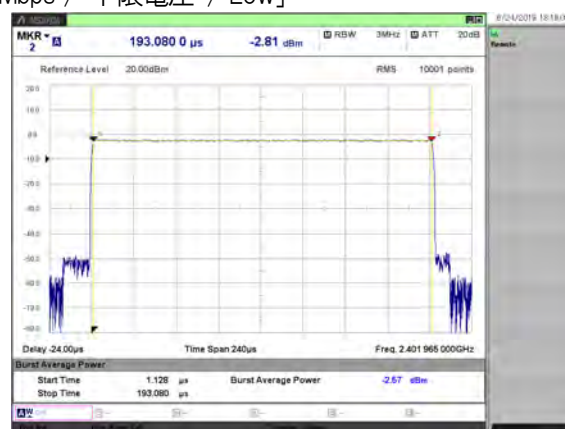
[2Mbps / 上限電圧 / Mid]



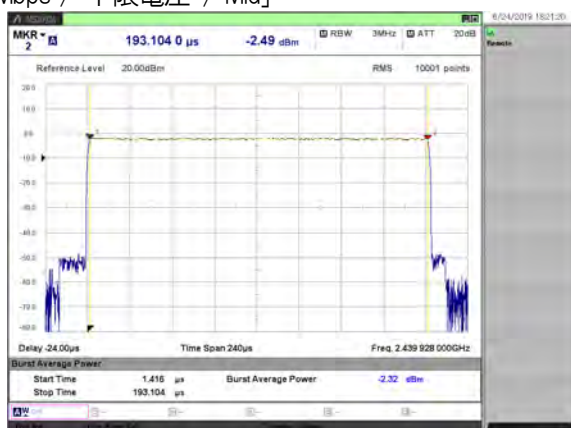
[2Mbps / 上限電圧 / High]



[2Mbps / 下限電圧 / Low]



[2Mbps / 下限電圧 / Mid]



[2Mbps / 下限電圧 / High]



## 5. 副次的に発する電波等の限度

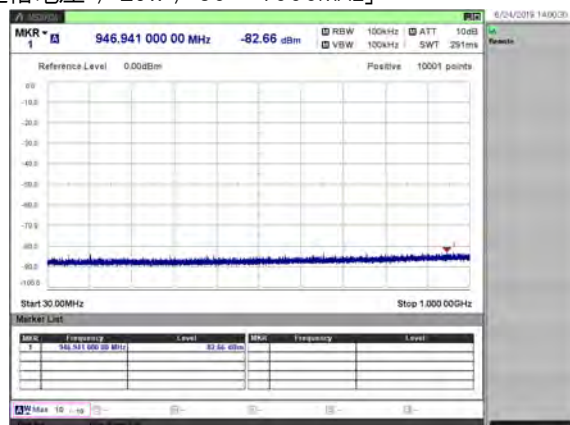
### 5.1. 試験結果

| Test Voltage | Channel [MHz] | Frequency [MHz] | S/A Read. [dBm] | C.F. [dB] | Result [dBm] | Result [nW] | Limit [dBm] | Limit [nW] | Margin [dB] |
|--------------|---------------|-----------------|-----------------|-----------|--------------|-------------|-------------|------------|-------------|
| DC 3.70 V    | 2402          | 946.94          | -82.66          | 0.58      | -82.08       | 0.00619     | -53.97      | 4.0        | 28.11       |
|              |               | 5267.65         | -67.94          | 0.86      | -67.08       | 0.19588     | -46.98      | 20.0       | 20.10       |
|              | 2440          | 944.42          | -82.42          | 0.58      | -81.84       | 0.00655     | -53.97      | 4.0        | 27.87       |
|              |               | 5637.95         | -67.54          | 0.91      | -66.63       | 0.21727     | -46.98      | 20.0       | 19.65       |
|              | 2480          | 863.91          | -82.86          | 0.57      | -82.29       | 0.00590     | -53.97      | 4.0        | 28.32       |
|              |               | 5248.10         | -68.04          | 0.86      | -67.18       | 0.19143     | -46.98      | 20.0       | 20.20       |
| DC 4.07 V    | 2402          | 990.88          | -83.42          | 0.59      | -82.83       | 0.00521     | -53.97      | 4.0        | 28.86       |
|              |               | 5609.20         | -68.53          | 0.91      | -67.62       | 0.17298     | -46.98      | 20.0       | 20.64       |
|              | 2440          | 990.69          | -82.70          | 0.58      | -82.12       | 0.00614     | -53.97      | 4.0        | 28.15       |
|              |               | 5649.45         | -67.79          | 0.91      | -66.88       | 0.20512     | -46.98      | 20.0       | 19.90       |
|              | 2480          | 988.75          | -82.76          | 0.58      | -82.18       | 0.00605     | -53.97      | 4.0        | 28.21       |
|              |               | 5266.50         | -68.37          | 0.86      | -67.51       | 0.17742     | -46.98      | 20.0       | 20.53       |
| DC 3.33 V    | 2402          | 935.98          | -82.11          | 0.58      | -81.53       | 0.00703     | -53.97      | 4.0        | 27.56       |
|              |               | 5250.40         | -67.91          | 0.86      | -67.05       | 0.19724     | -46.98      | 20.0       | 20.07       |
|              | 2440          | 935.40          | -82.80          | 0.58      | -82.22       | 0.00600     | -53.97      | 4.0        | 28.25       |
|              |               | 5603.45         | -67.99          | 0.91      | -67.08       | 0.19588     | -46.98      | 20.0       | 20.10       |
|              | 2480          | 970.22          | -82.64          | 0.58      | -82.06       | 0.00622     | -53.97      | 4.0        | 28.09       |
|              |               | 5641.40         | -67.70          | 0.91      | -66.79       | 0.20941     | -46.98      | 20.0       | 19.81       |

$$\text{Result [nW]} = 10^{\{(S/A \text{ Read. [dBm]} + C.F. [dB])/10\}} * 10^6$$

## 5.2. 測定器画面データ

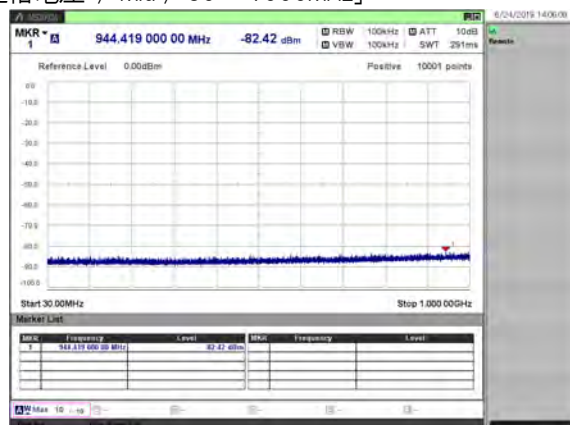
[定格電圧 / Low / 30 - 1000MHz]



[定格電圧 / Low / 1000 - 12500MHz]



[定格電圧 / Mid / 30 - 1000MHz]



[定格電圧 / Mid / 1000 - 12500MHz]



[定格電圧 / High / 30 - 1000MHz]



[定格電圧 / High / 1000 - 12500MHz]

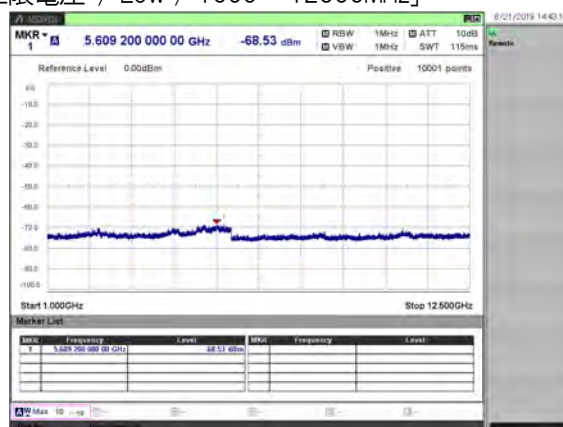




[上限電圧 / Low / 30 - 1000MHz]



[上限電圧 / Low / 1000 - 12500MHz]



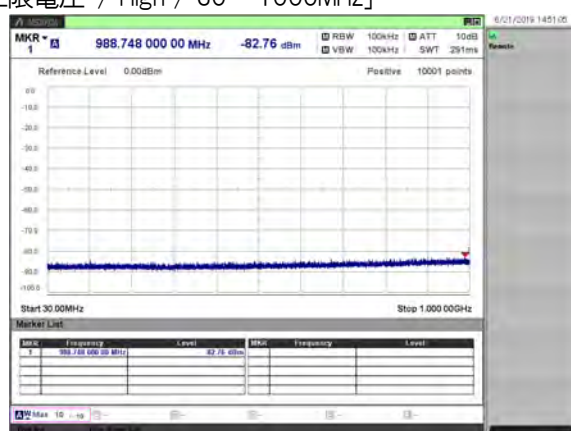
[上限電圧 / Mid / 30 - 1000MHz]



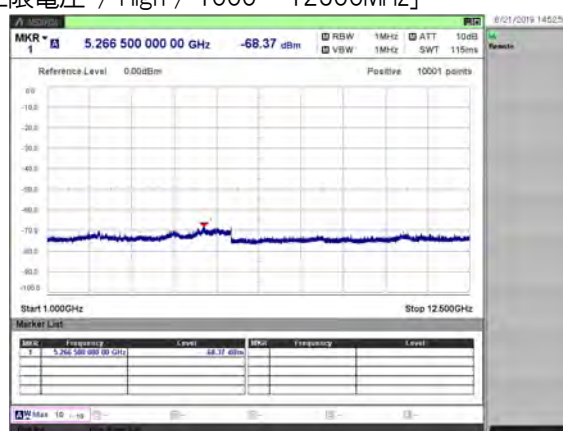
[上限電圧 / Mid / 1000 - 12500MHz]



[上限電圧 / High / 30 - 1000MHz]



[上限電圧 / High / 1000 - 12500MHz]

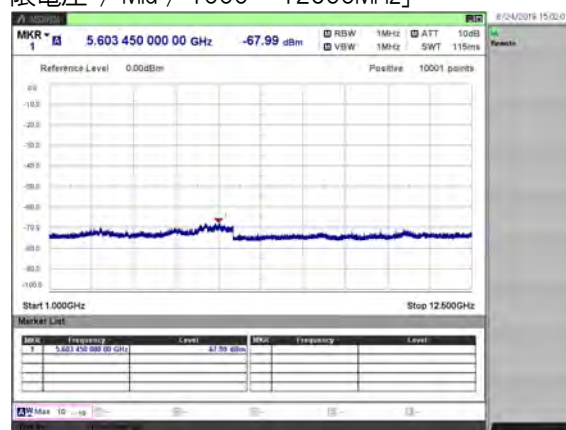




[下限電圧 / Low / 1000 - 12500MHz]



[下限電圧 / Mid / 1000 - 12500MHz]



[下限電圧 / High / 1000 - 12500MHz]

