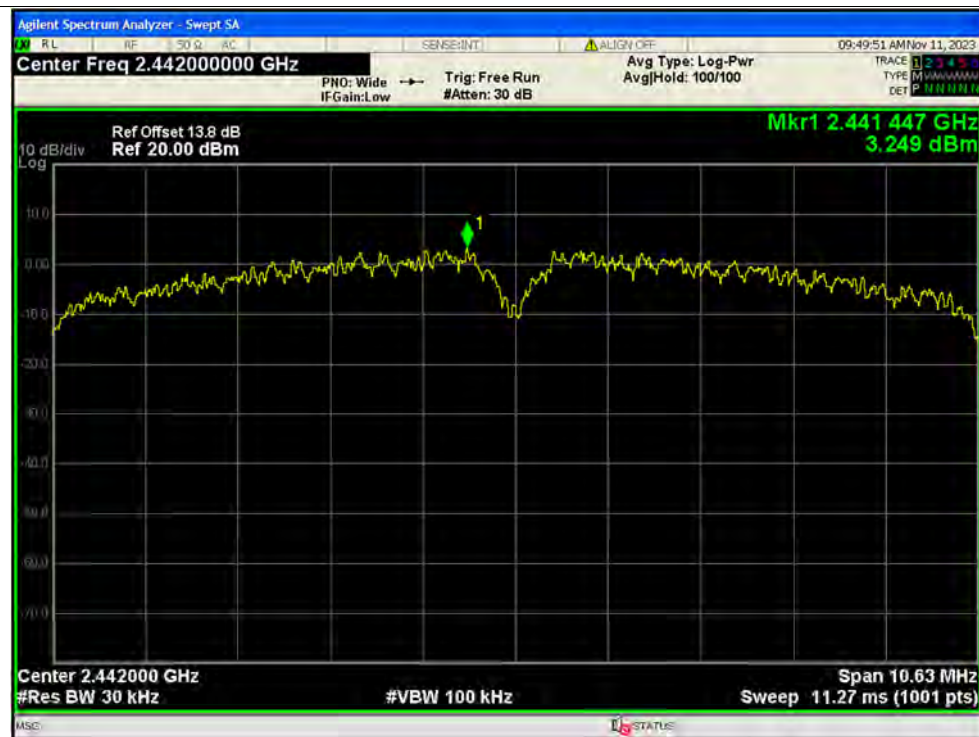


## Test Graphs

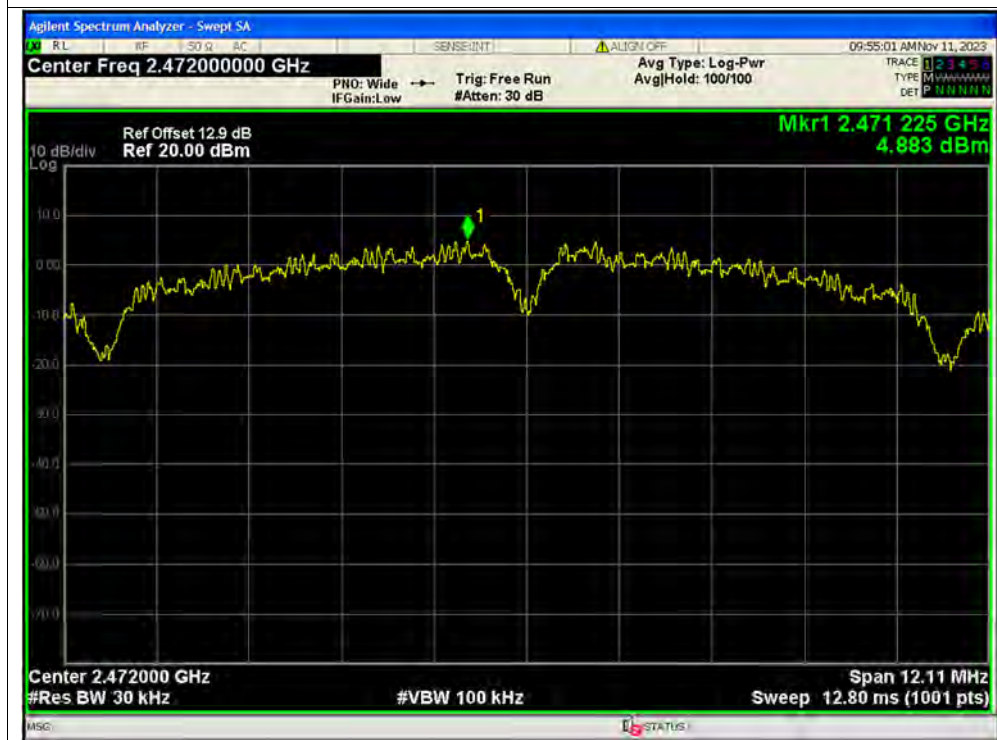
## PSD NVNT b 2412MHz Ant1



## PSD NVNT b 2442MHz Ant1



PSD NVNT b 2472MHz Ant1



PSD NVNT b 2412MHz Ant2





## PSD NVNT b 2442MHz Ant2



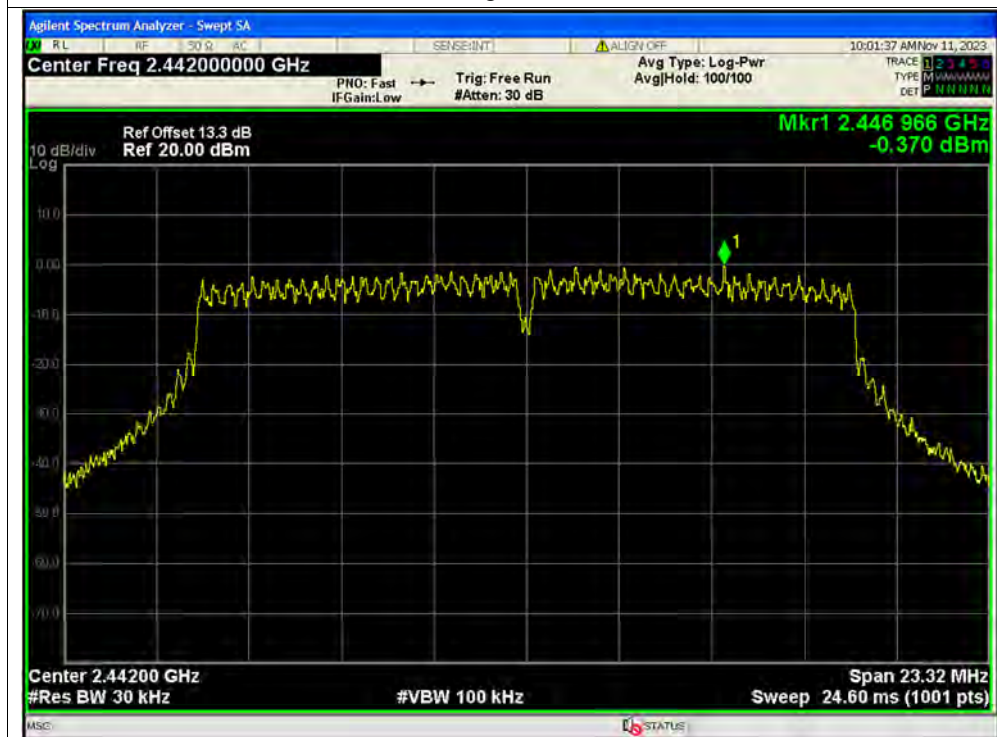
## PSD NVNT b 2472MHz Ant2



PSD NVNT g 2412MHz Ant1



PSD NVNT g 2442MHz Ant1



PSD NVNT g 2472MHz Ant1



PSD NVNT g 2412MHz Ant2



## PSD NVNT g 2442MHz Ant2



## PSD NVNT g 2472MHz Ant2

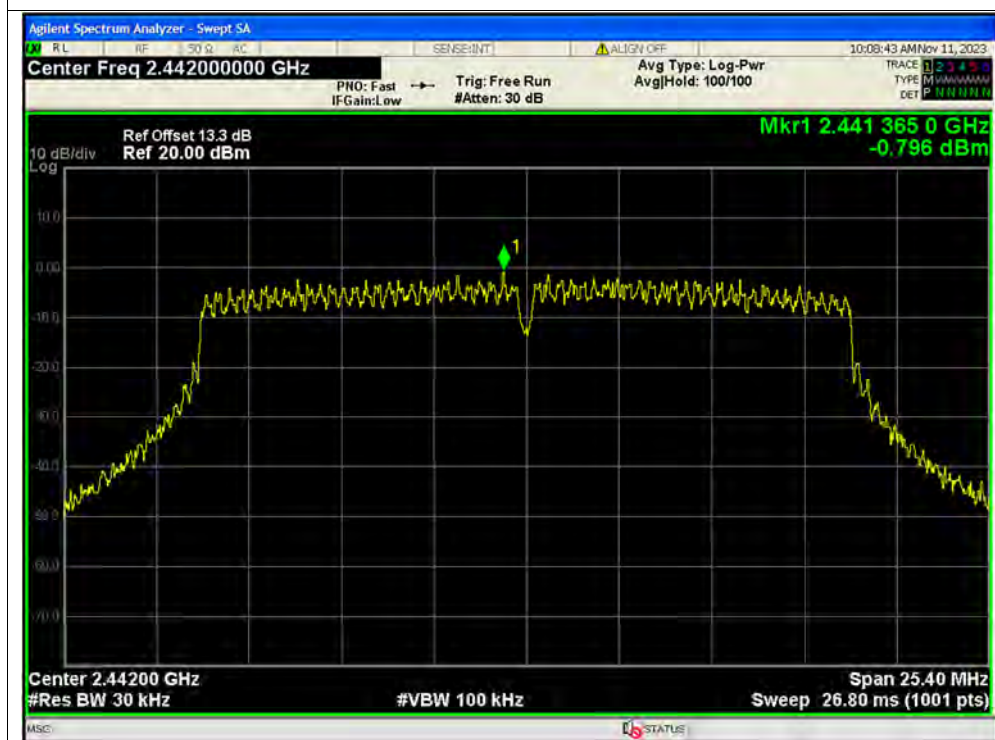




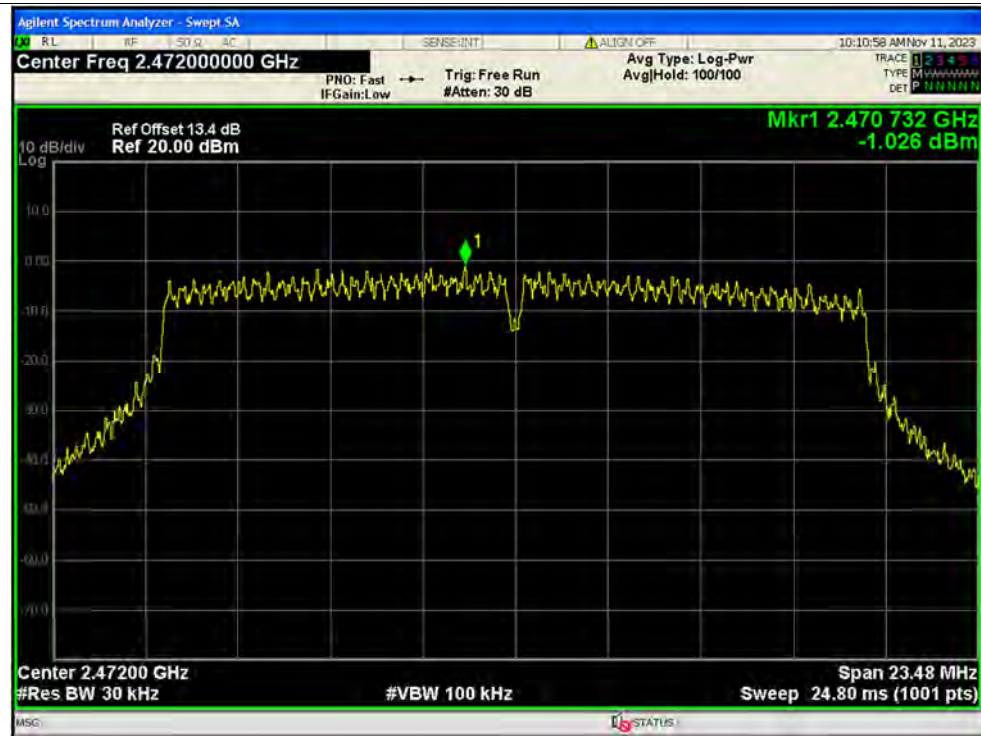
PSD NVNT n20 2412MHz Ant1



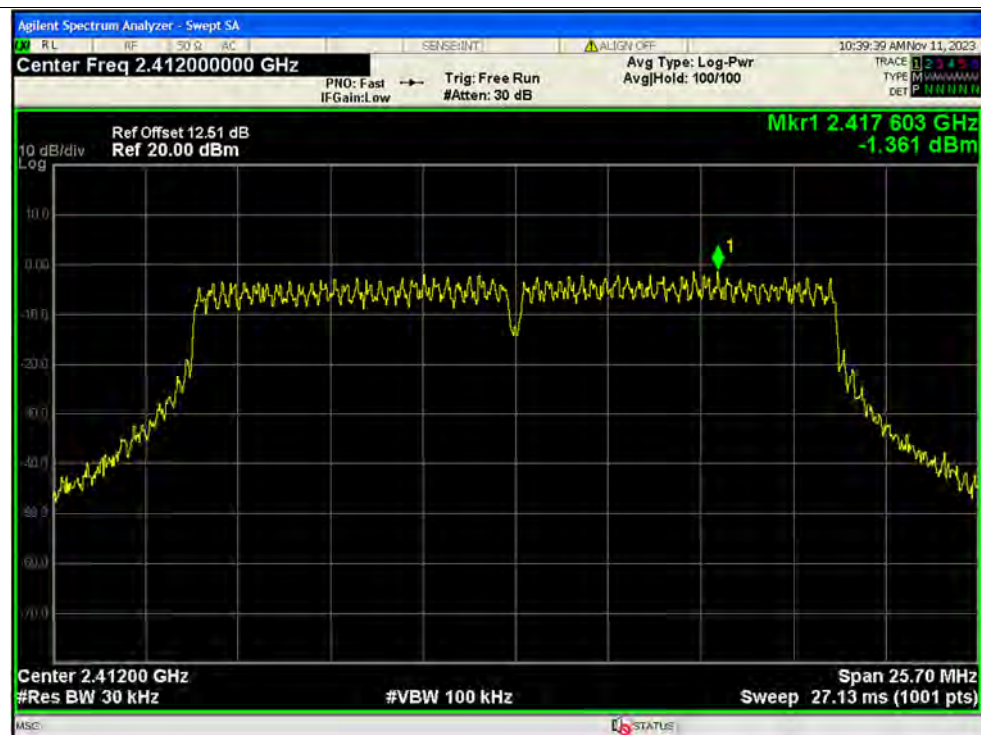
PSD NVNT n20 2442MHz Ant1



PSD NVNT n20 2472MHz Ant1

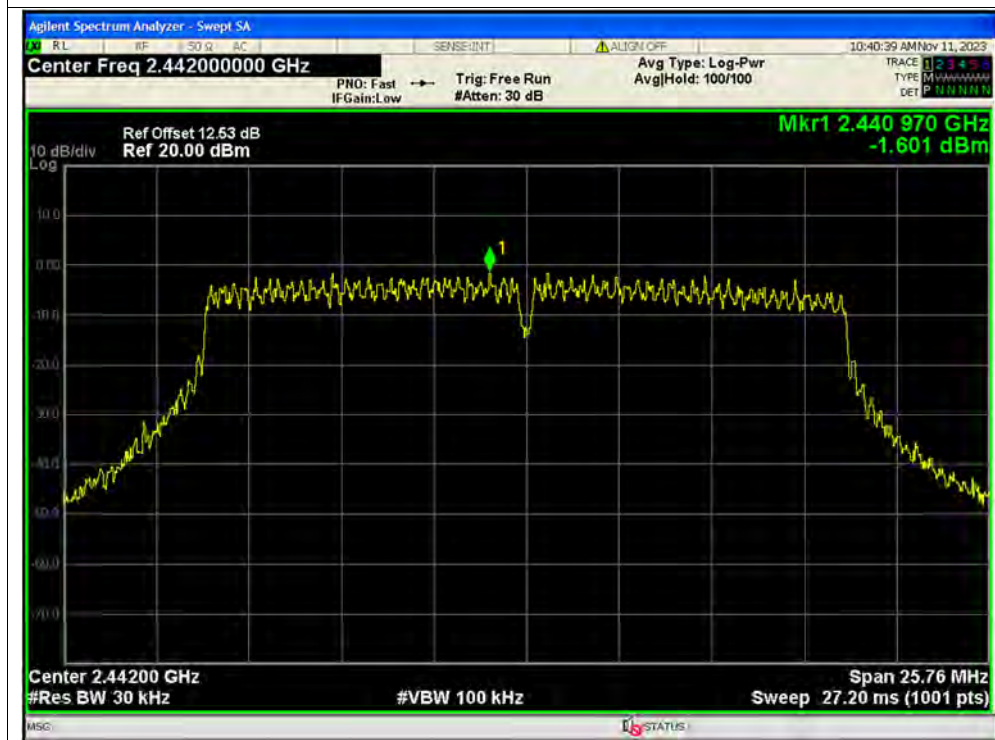


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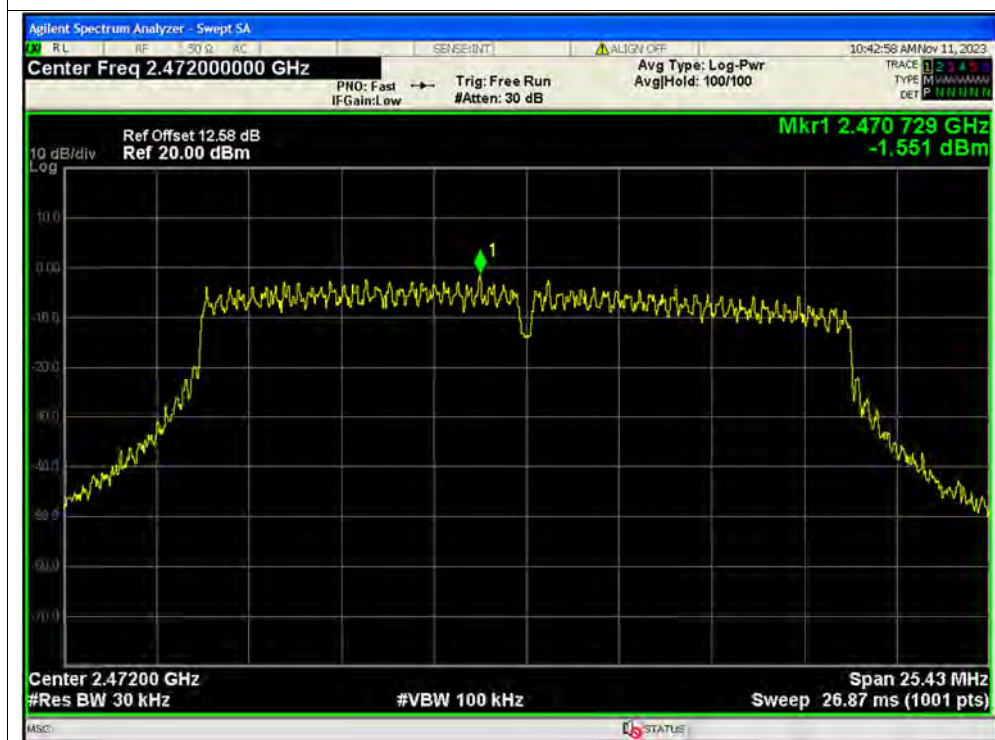




PSD NVNT n20 2442MHz Ant2

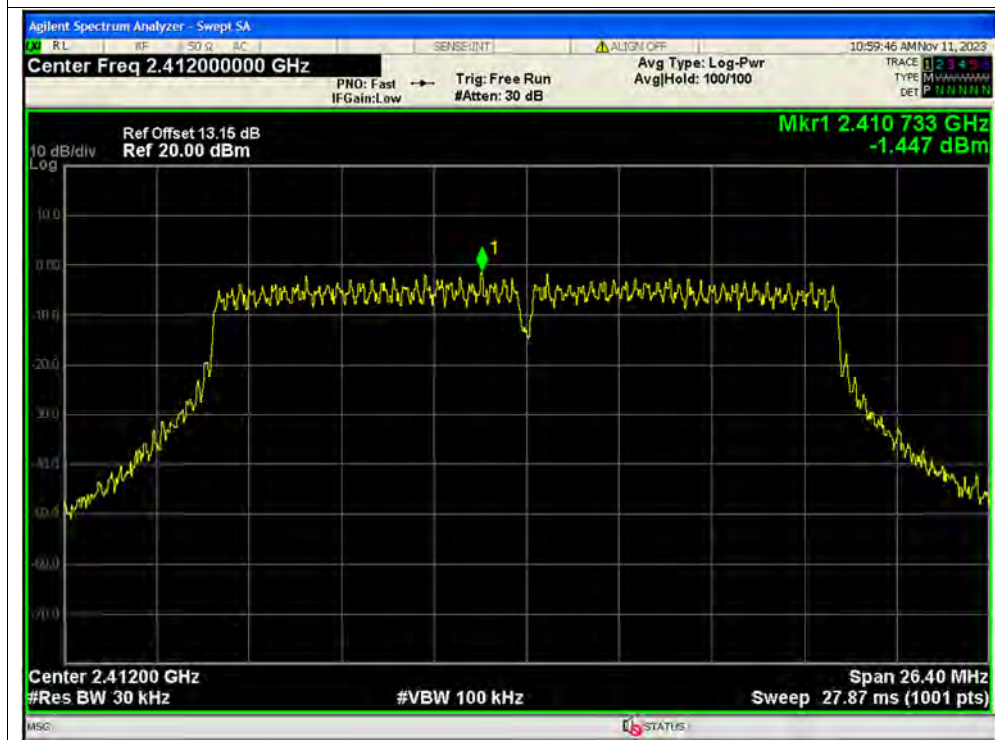


PSD NVNT n20 2472MHz Ant2





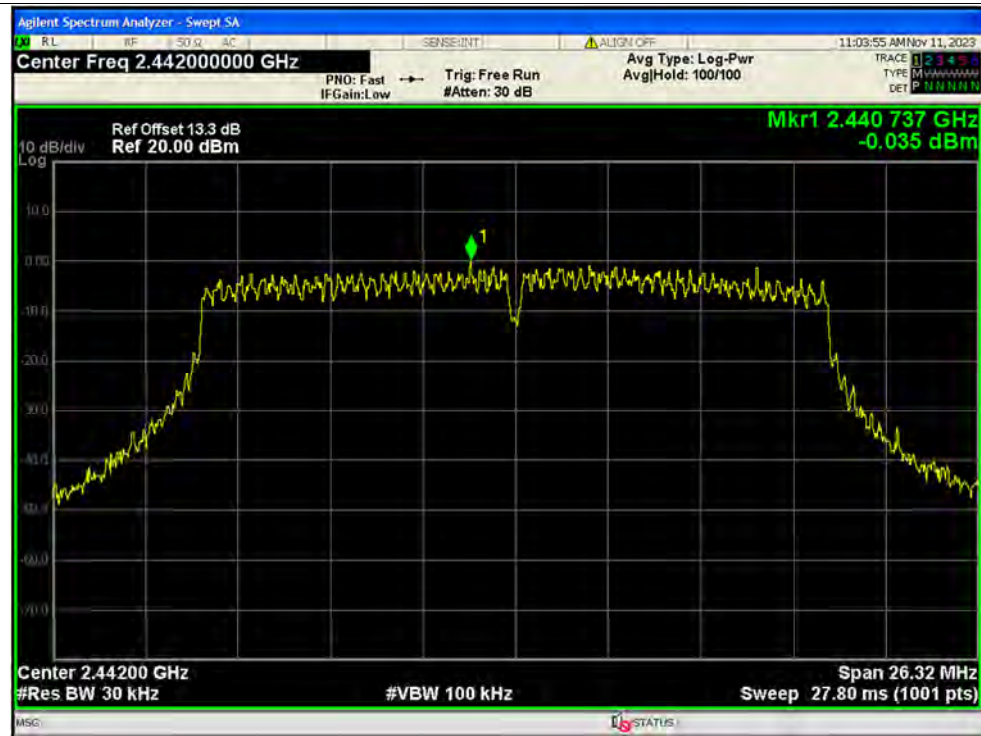
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PSD NVNT n20 2412MHz Ant2



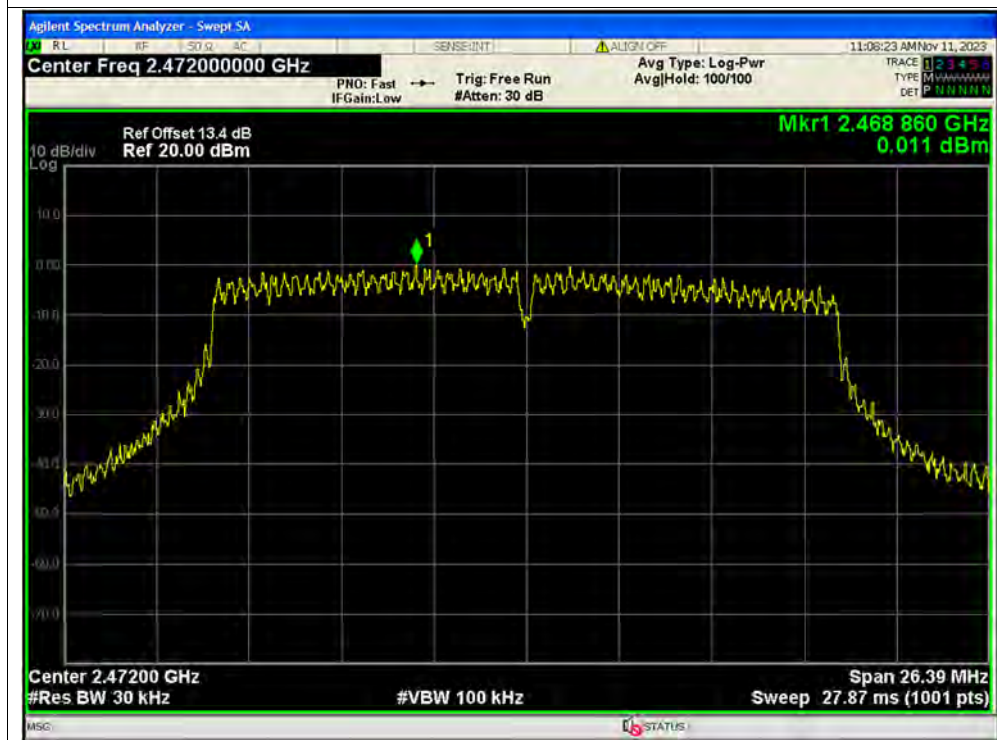
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PSD NVNT n20 2442MHz Ant2



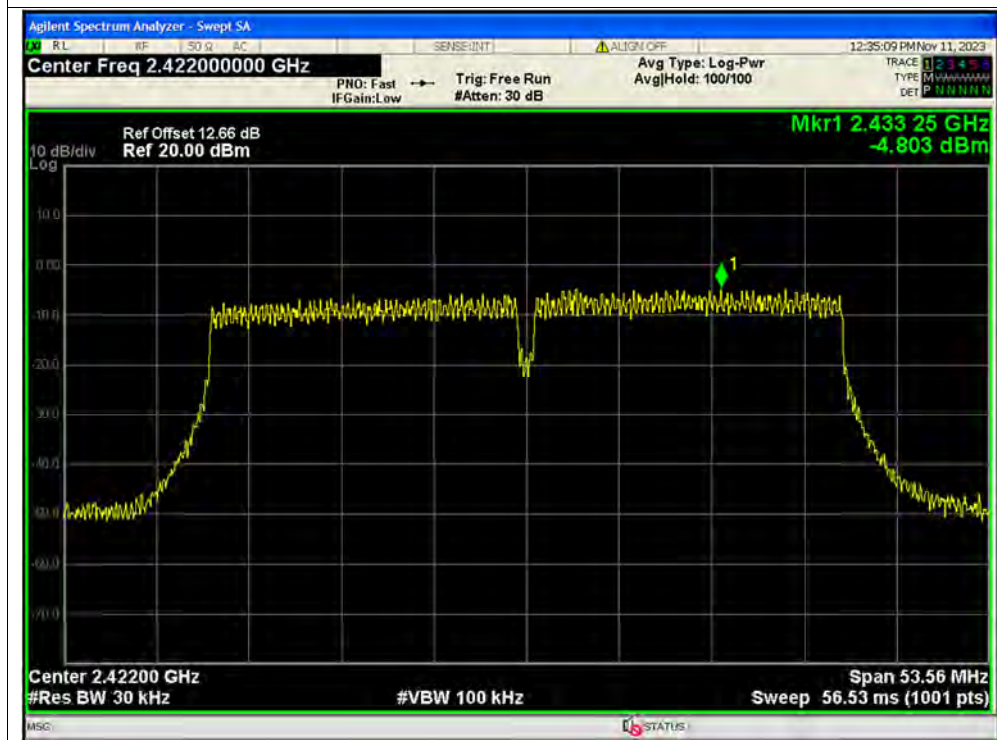
PSD NVNT n20 2472MHz Ant1



PSD NVNT n20 2472MHz Ant2



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2442MHz Ant1



PSD NVNT n40 2462MHz Ant1



PSD NVNT n40 2422MHz Ant2



PSD NVNT n40 2442MHz Ant2

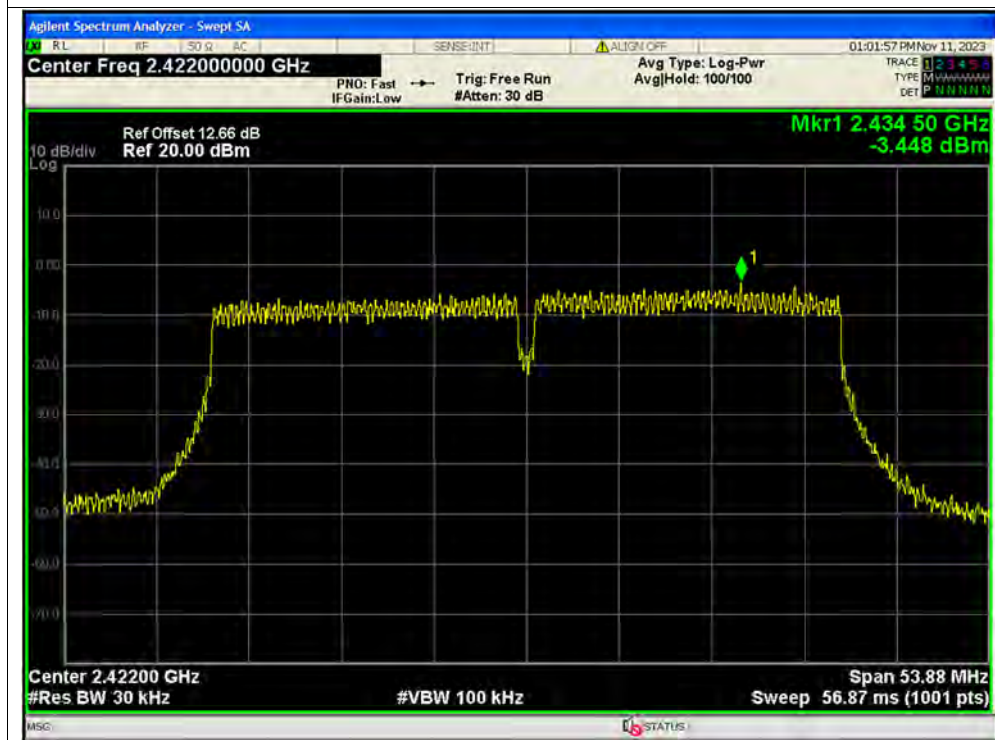


PSD NVNT n40 2462MHz Ant2





PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2422MHz Ant2



PSD NVNT n40 2442MHz Ant1



PSD NVNT n40 2442MHz Ant2



PSD NVNT n40 2462MHz Ant1

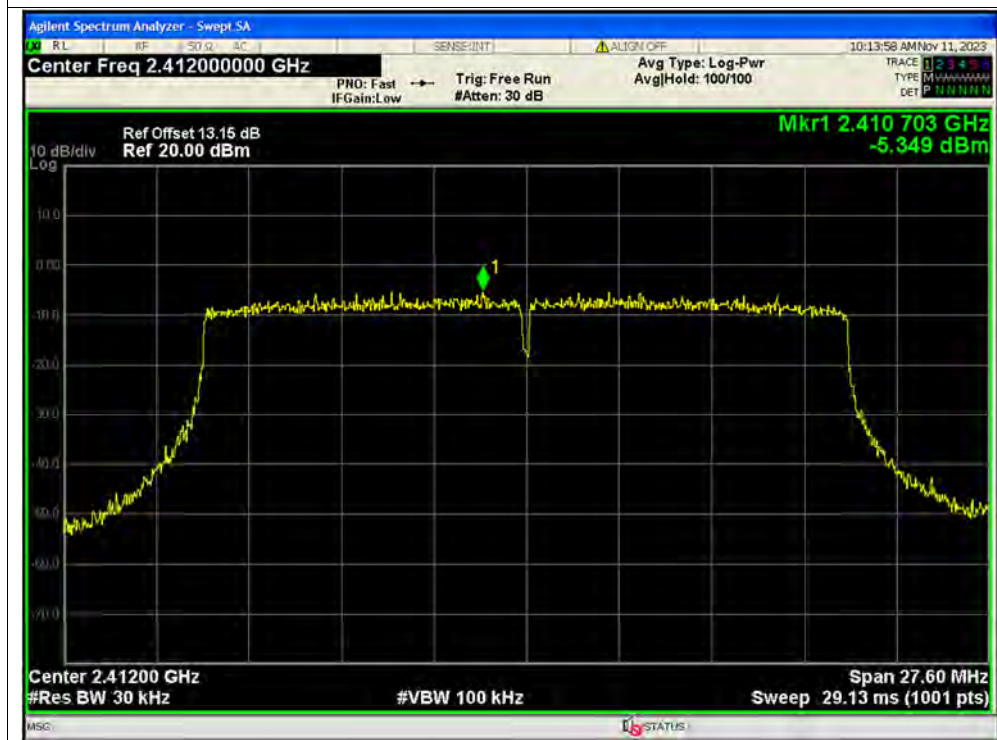


PSD NVNT n40 2462MHz Ant2





PSD NVNT ax20 2412MHz Ant1



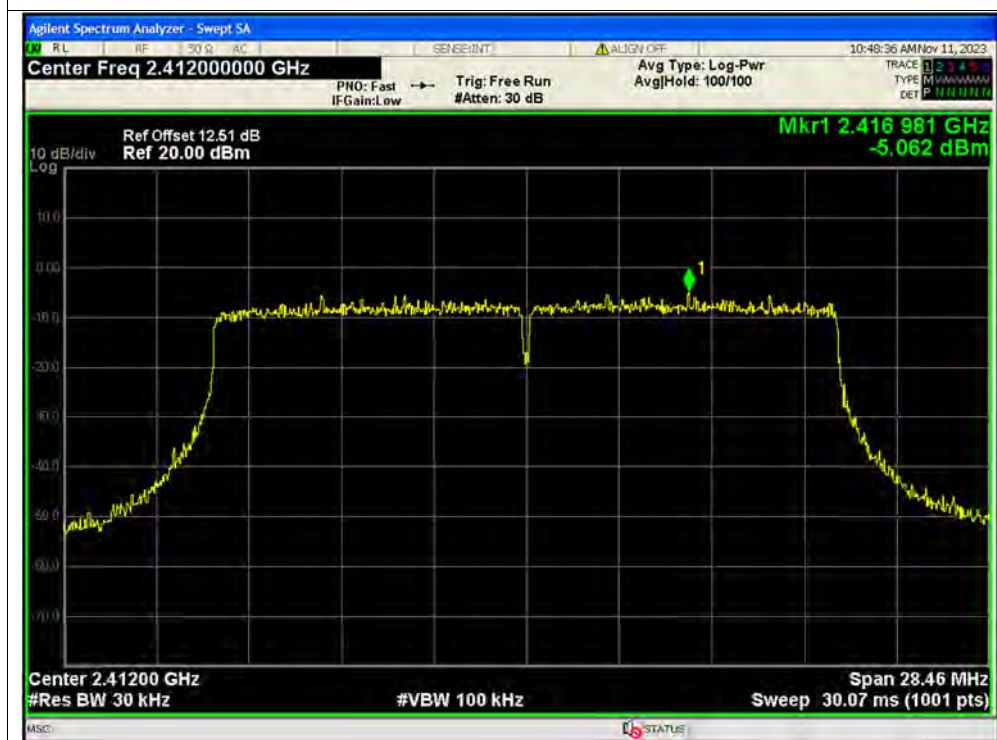
PSD NVNT ax20 2442MHz Ant1



PSD NVNT ax20 2472MHz Ant1



PSD NVNT ax20 2412MHz Ant2





PSD NVNT ax20 2442MHz Ant2



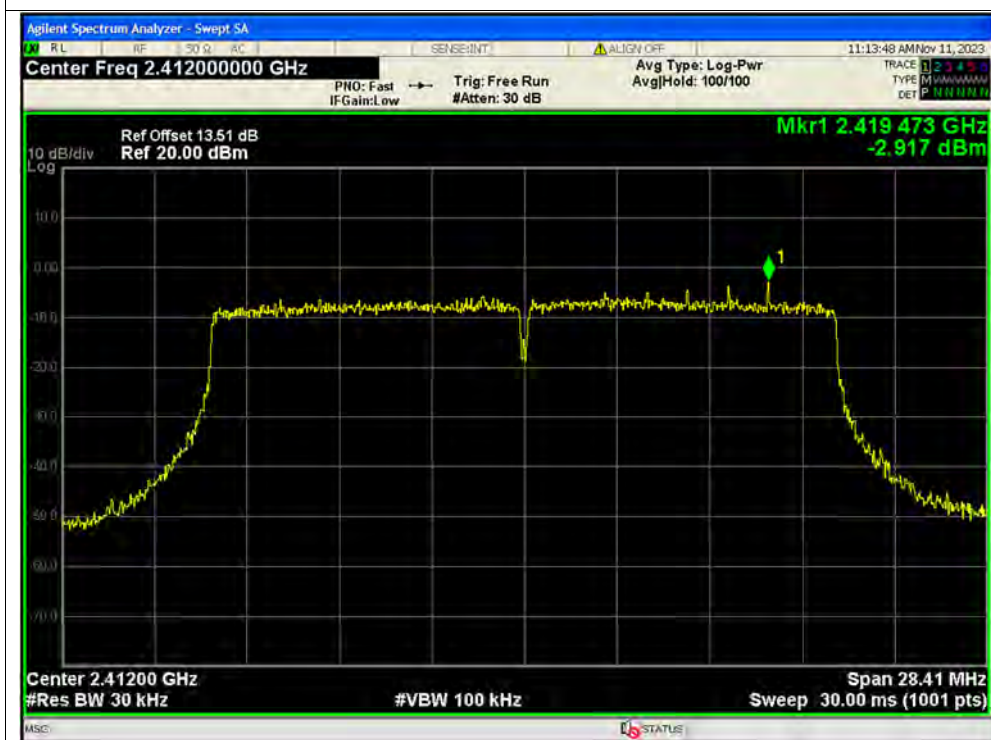
PSD NVNT ax20 2472MHz Ant2



PSD NVNT ax20 2412MHz Ant1



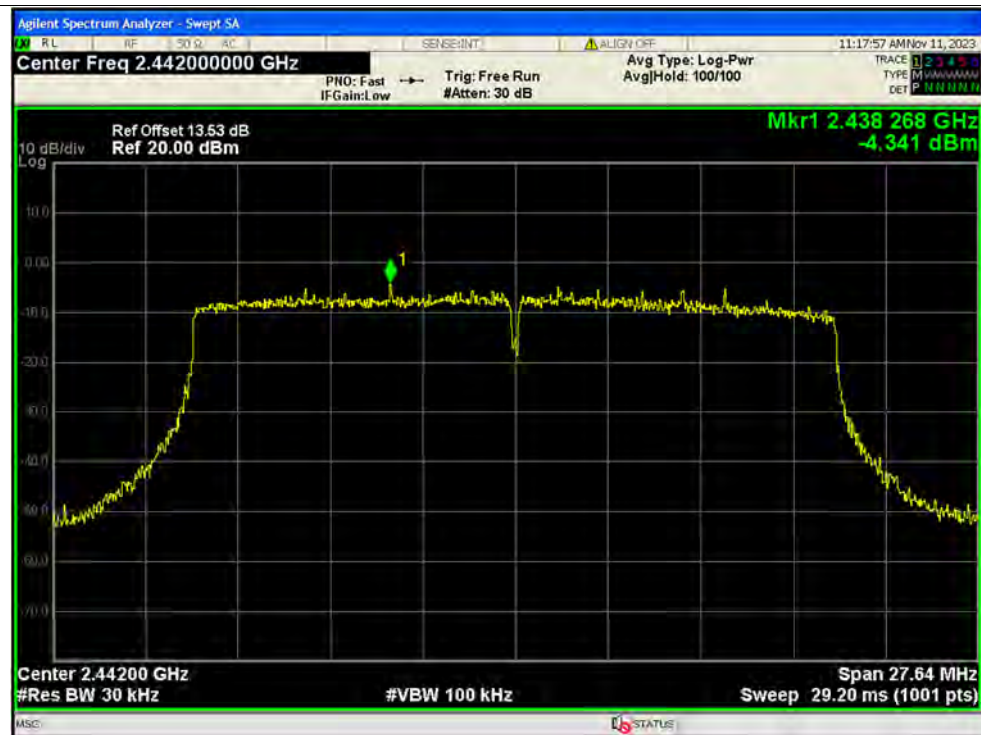
PSD NVNT ax20 2412MHz Ant2



PSD NVNT ax20 2442MHz Ant1



PSD NVNT ax20 2442MHz Ant2



PSD NVNT ax20 2472MHz Ant1

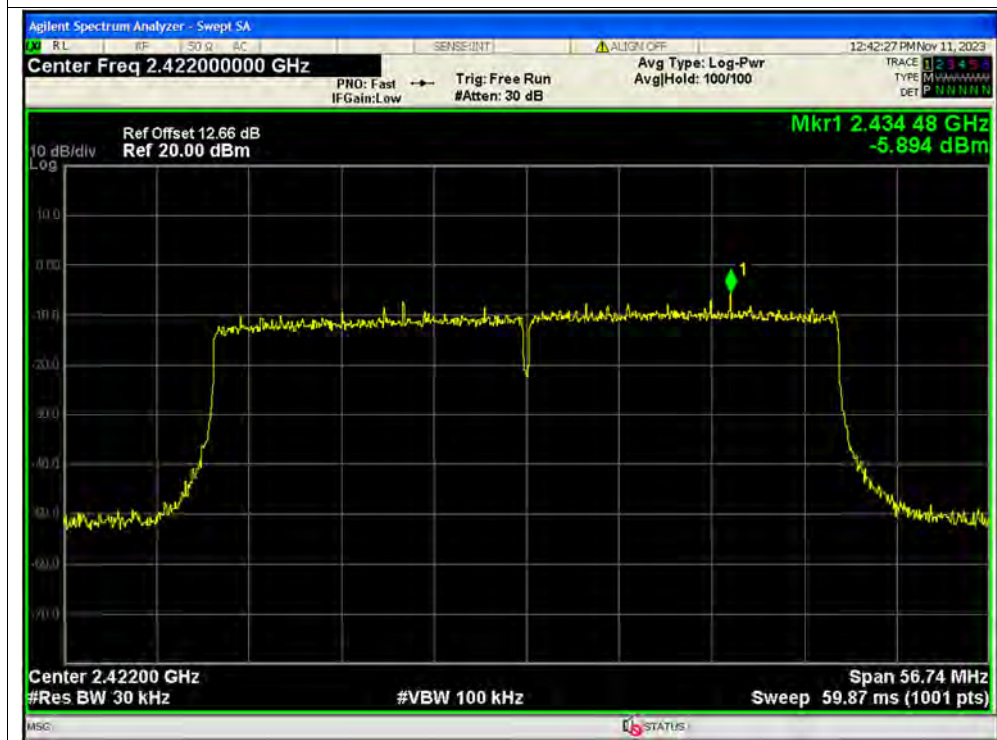


PSD NVNT ax20 2472MHz Ant2





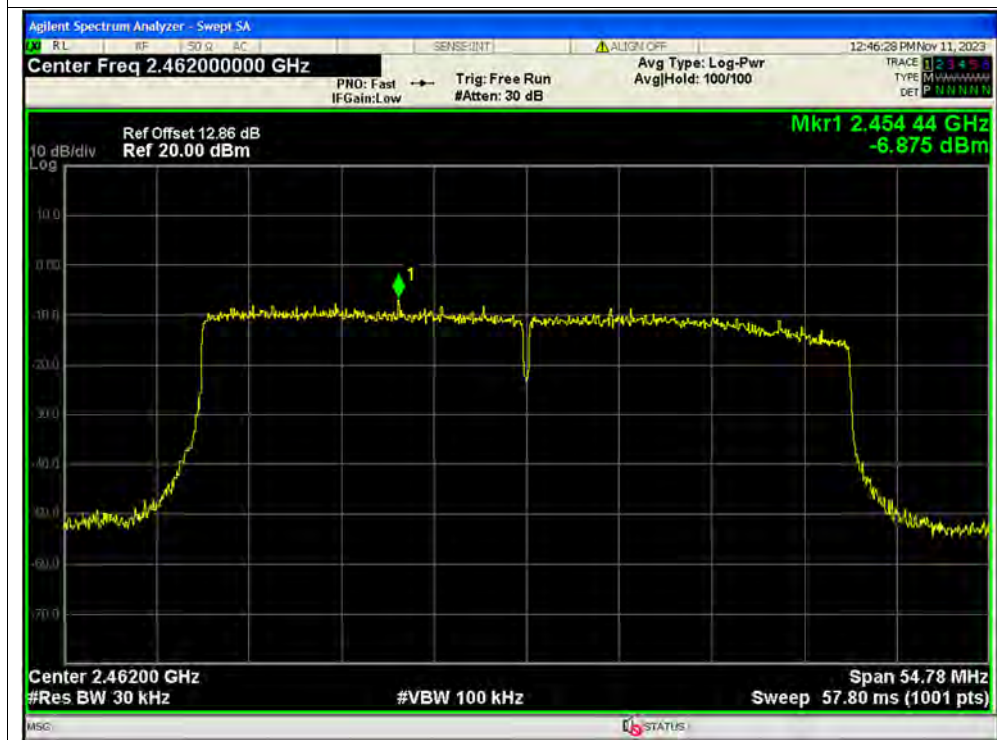
PSD NVNT ax40 2422MHz Ant1



PSD NVNT ax40 2442MHz Ant1



PSD NVNT ax40 2462MHz Ant1

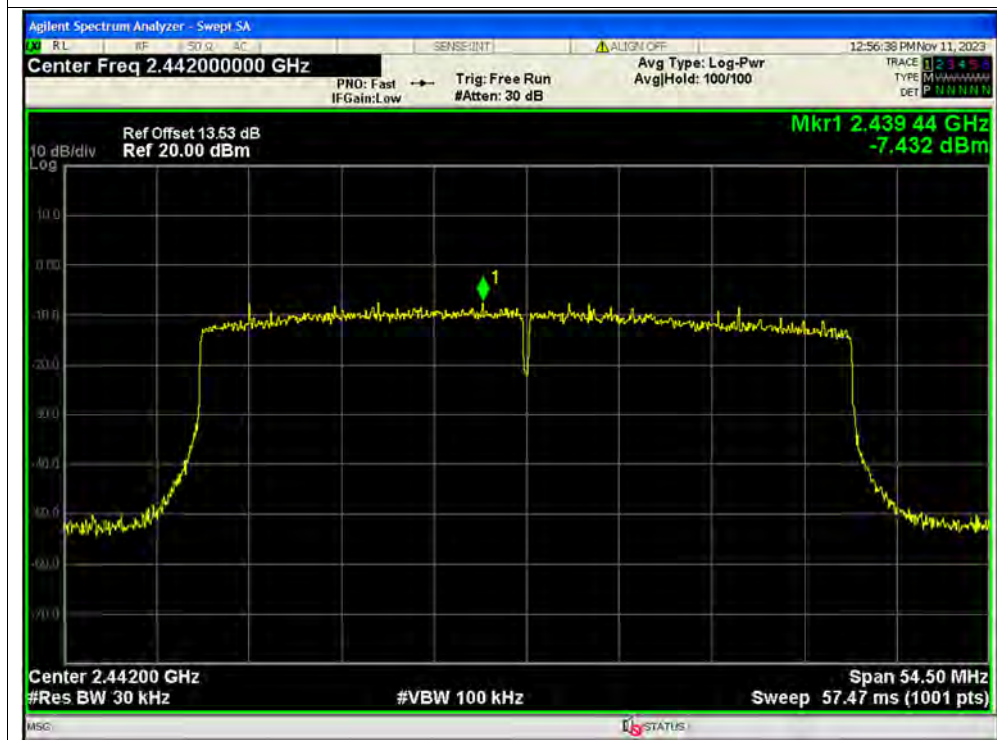


PSD NVNT ax40 2422MHz Ant2





PSD NVNT ax40 2442MHz Ant2

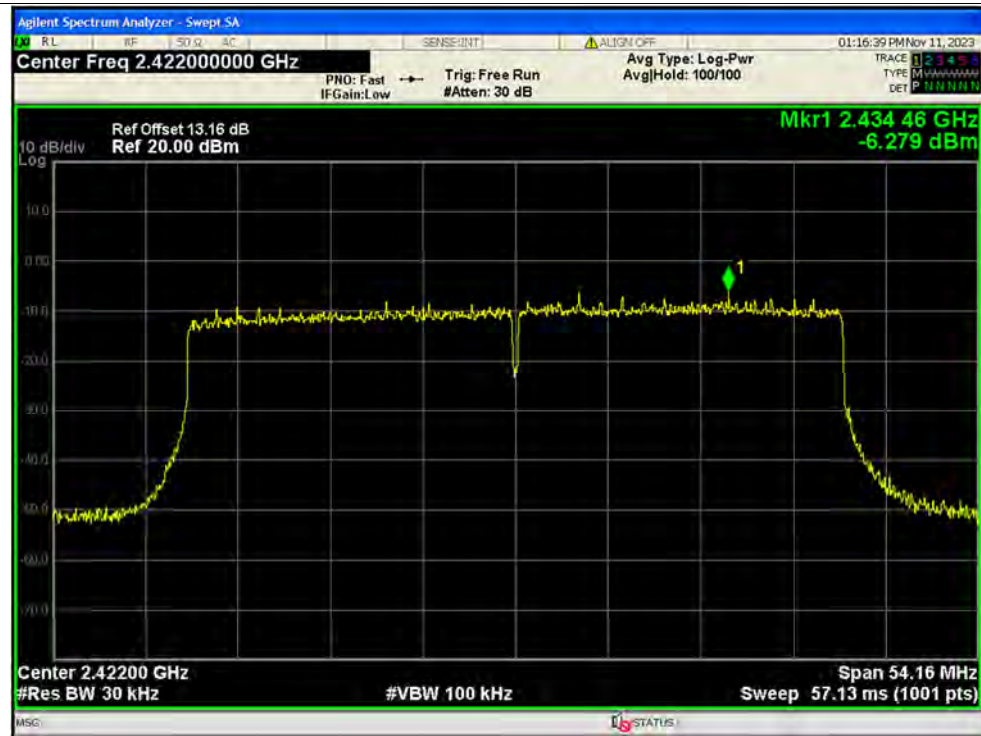


PSD NVNT ax40 2462MHz Ant2





PSD NVNT ax40 2422MHz Ant1



PSD NVNT ax40 2422MHz Ant2



PSD NVNT ax40 2442MHz Ant1

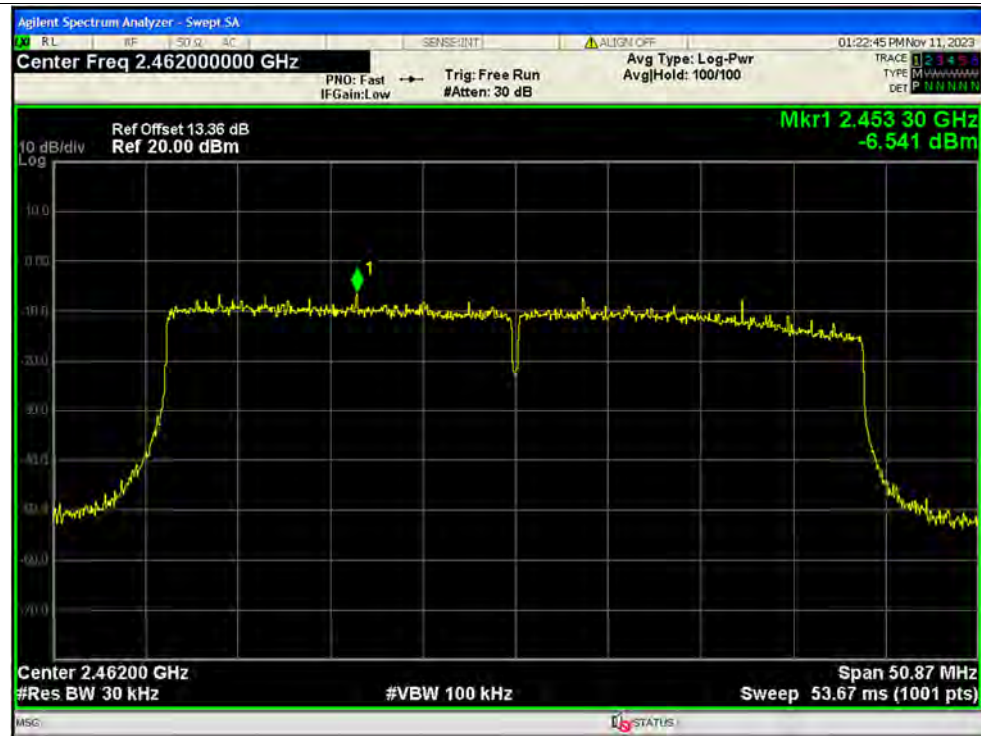


PSD NVNT ax40 2442MHz Ant2





PSD NVNT ax40 2462MHz Ant1



PSD NVNT ax40 2462MHz Ant2





## PSD NVNT ax20 26@0 2412MHz Ant1



## PSD NVNT ax20 26@0 2412MHz Ant2



PSD NVNT ax20 26@0 2412MHz Ant1

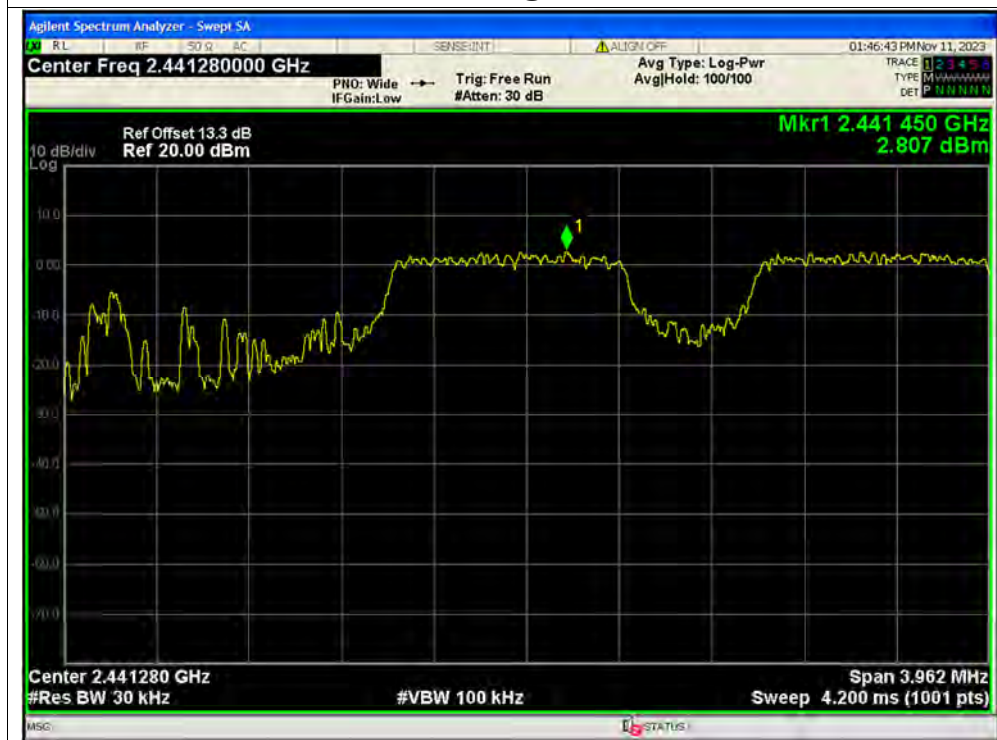


PSD NVNT ax20 26@0 2412MHz Ant2





PSD NVNT ax20 26@4 2442MHz Ant1



PSD NVNT ax20 26@4 2442MHz Ant2



PSD NVNT ax20 26@4 2442MHz Ant1



PSD NVNT ax20 26@4 2442MHz Ant2



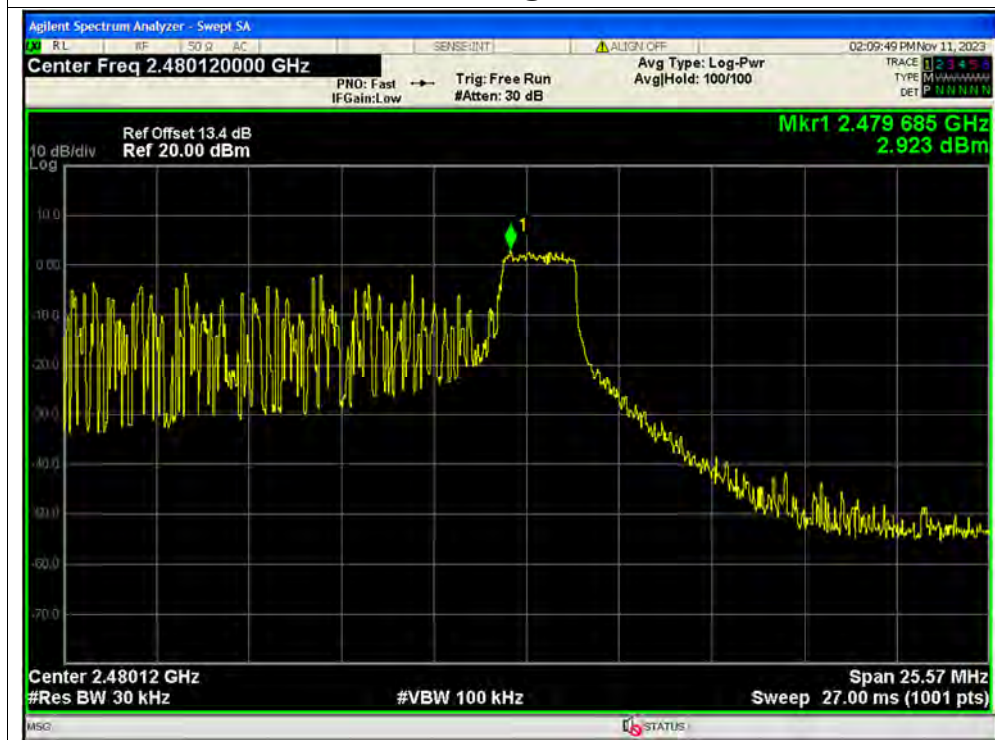
PSD NVNT ax20 26@8 2472MHz Ant1



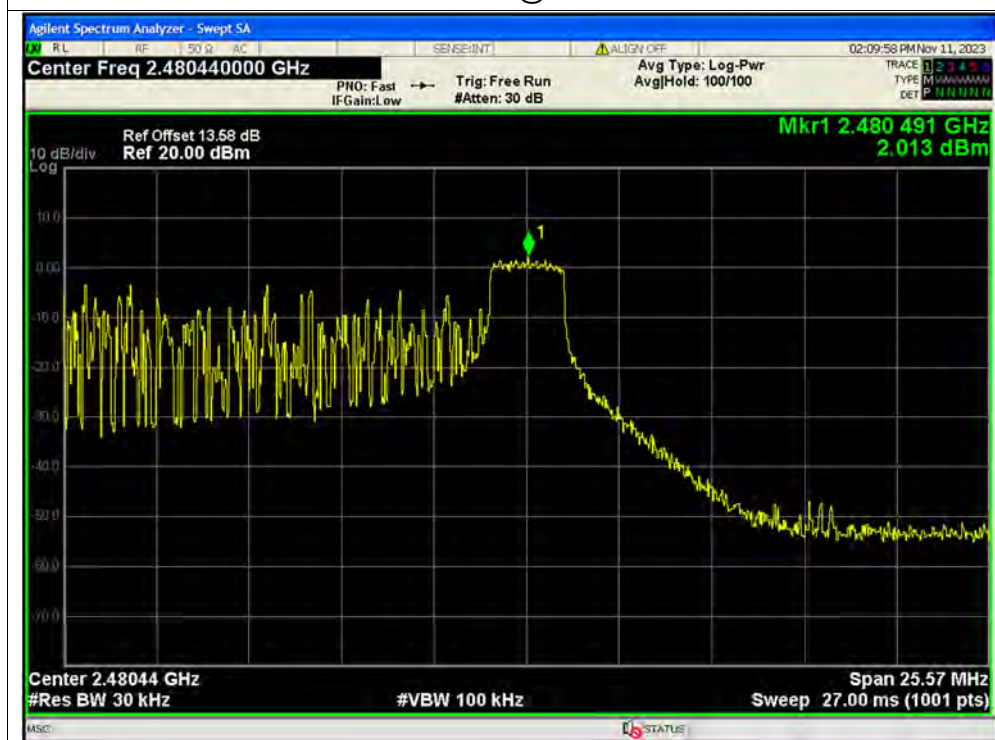
PSD NVNT ax20 26@8 2472MHz Ant2



PSD NVNT ax20 26@8 2472MHz Ant1



PSD NVNT ax20 26@8 2472MHz Ant2



PSD NVNT ax20 52@37 2412MHz Ant1



PSD NVNT ax20 52@37 2412MHz Ant2



PSD NVNT ax20 52@37 2412MHz Ant1



PSD NVNT ax20 52@37 2412MHz Ant2

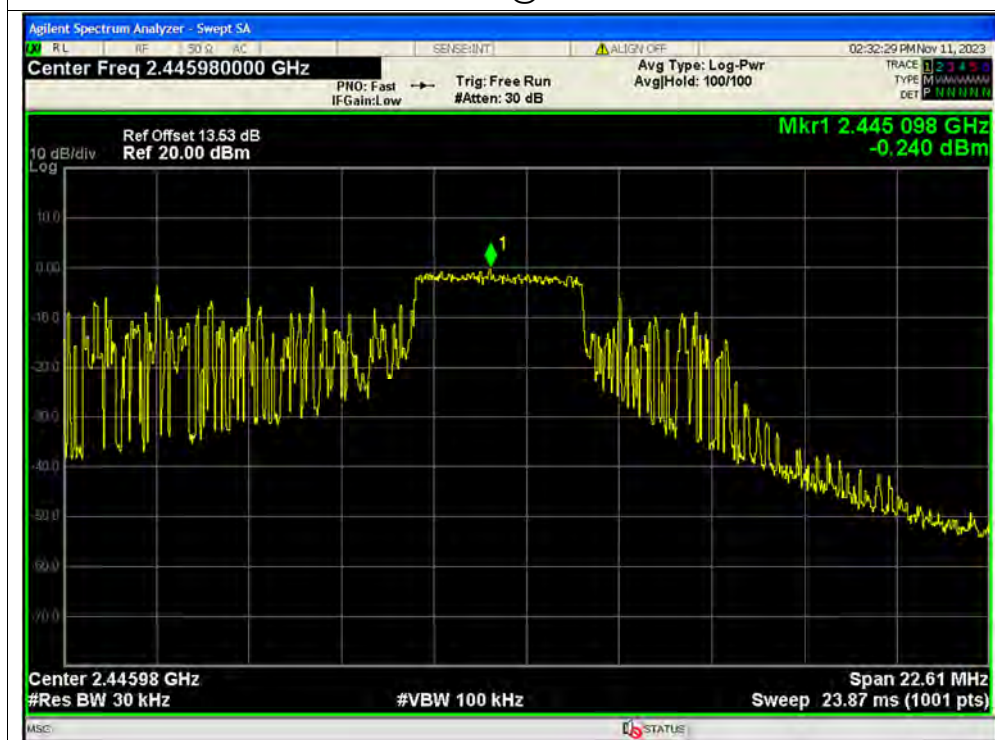




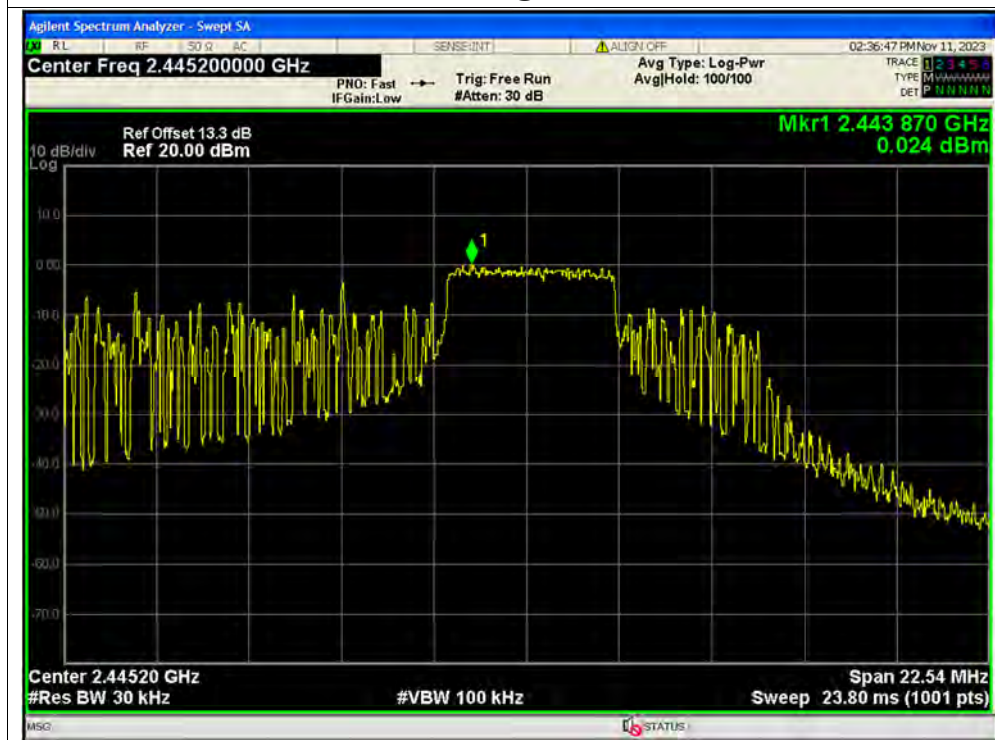
PSD NVNT ax20 52@38 2442MHz Ant1



PSD NVNT ax20 52@38 2442MHz Ant2



PSD NVNT ax20 52@38 2442MHz Ant1



PSD NVNT ax20 52@38 2442MHz Ant2





PSD NVNT ax20 52@40 2472MHz Ant1



PSD NVNT ax20 52@40 2472MHz Ant2



PSD NVNT ax20 52@40 2472MHz Ant1



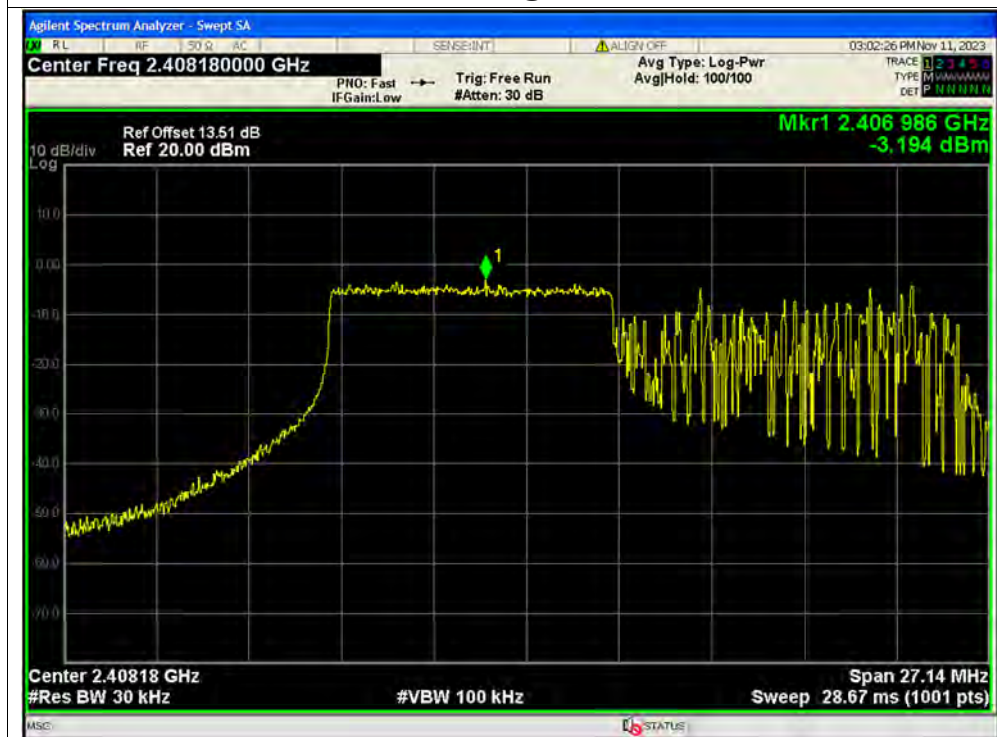
PSD NVNT ax20 52@40 2472MHz Ant2



PSD NVNT ax20 106@53 2412MHz Ant1

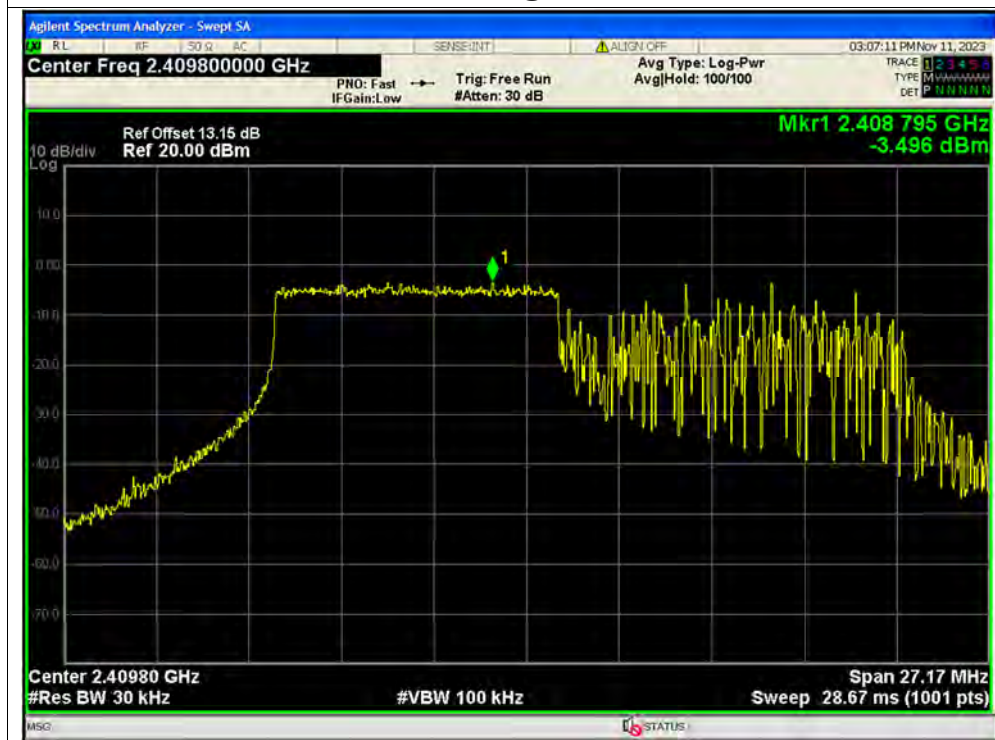


PSD NVNT ax20 106@53 2412MHz Ant2





PSD NVNT ax20 106@53 2412MHz Ant1



PSD NVNT ax20 106@53 2412MHz Ant2



PSD NVNT ax20 106@54 2472MHz Ant1



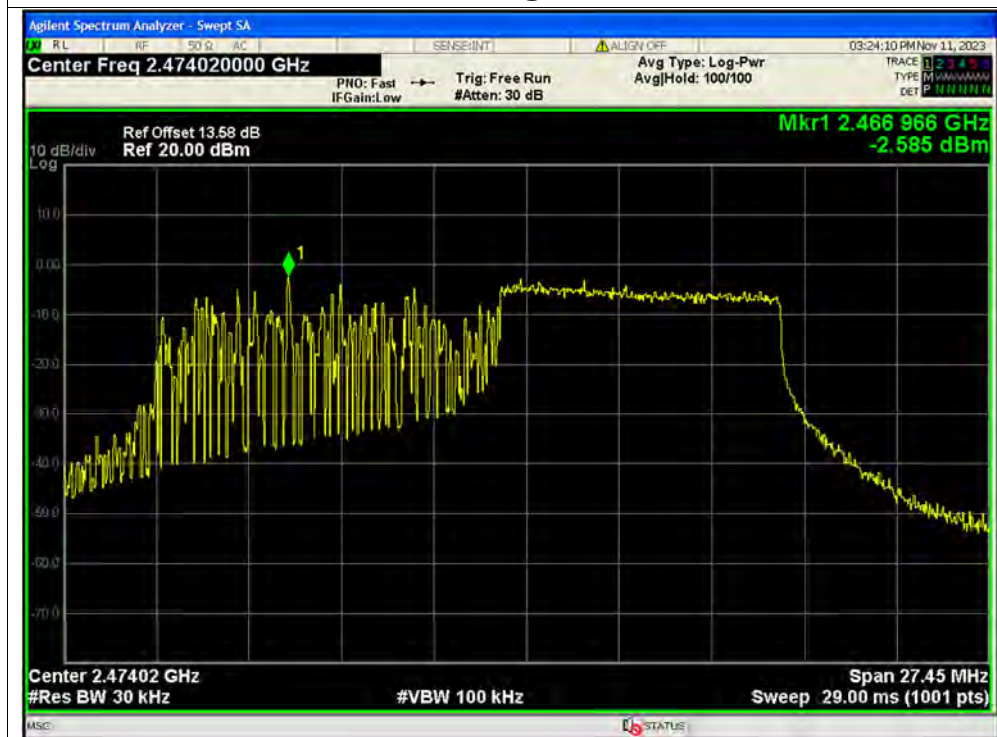
PSD NVNT ax20 106@54 2472MHz Ant2



PSD NVNT ax20 106@54 2472MHz Ant1



PSD NVNT ax20 106@54 2472MHz Ant2

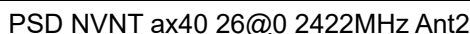


PSD NVNT ax40 26@0 2422MHz Ant1



PSD NVNT ax40 26@0 2422MHz Ant2





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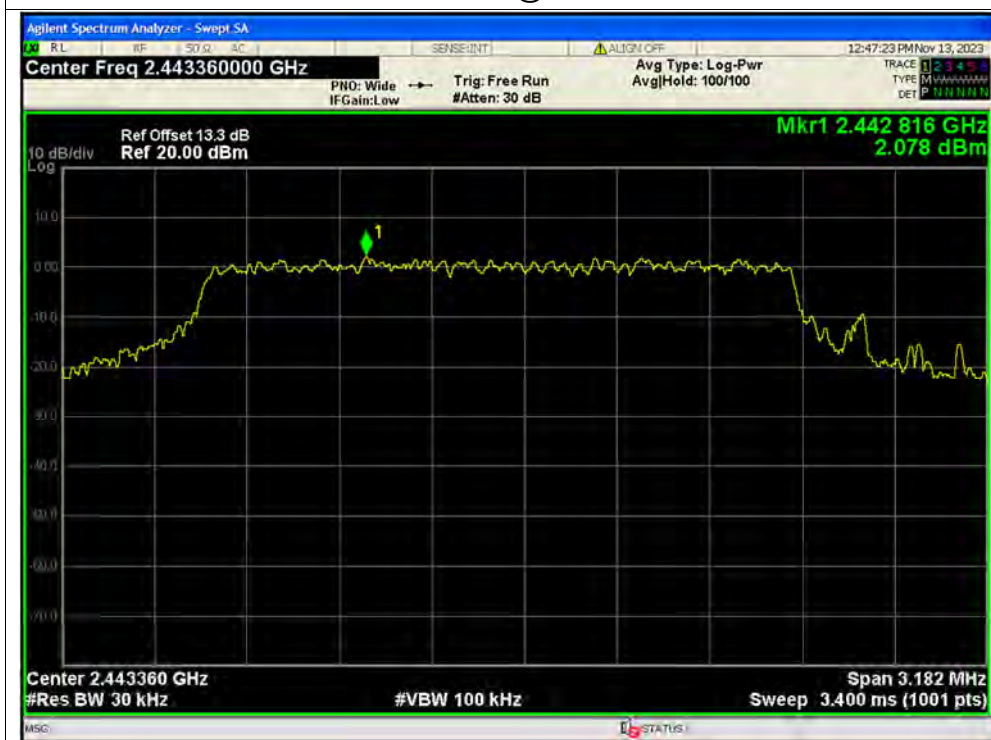
PSD NVNT ax40 26@8 2442MHz Ant1



PSD NVNT ax40 26@8 2442MHz Ant2



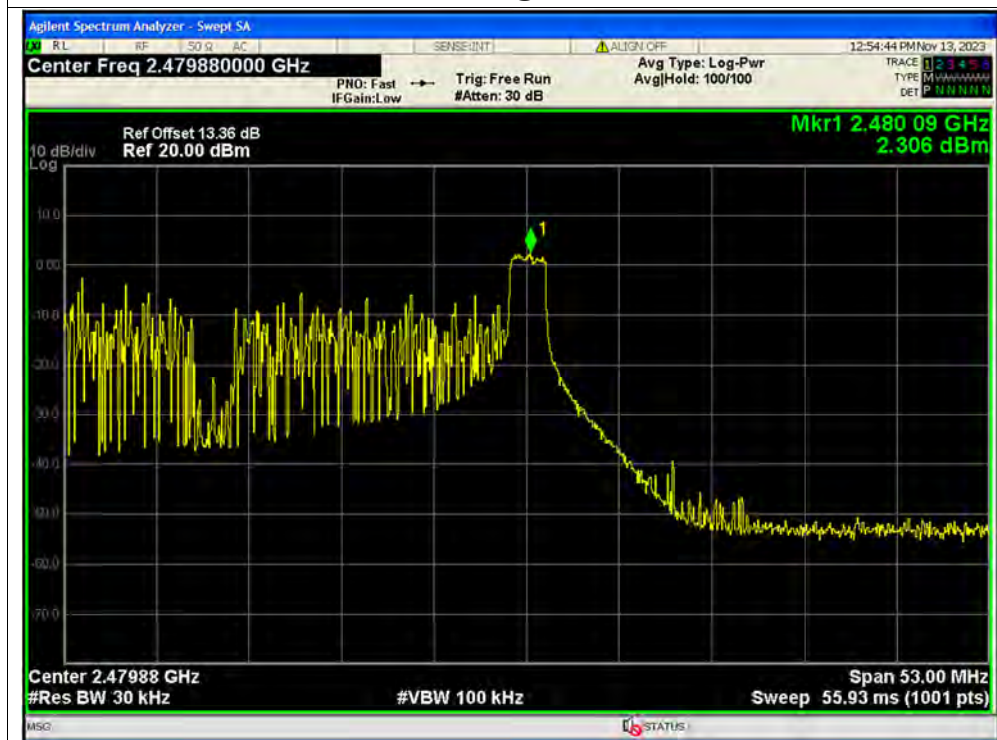
PSD NVNT ax40 26@8 2442MHz Ant1



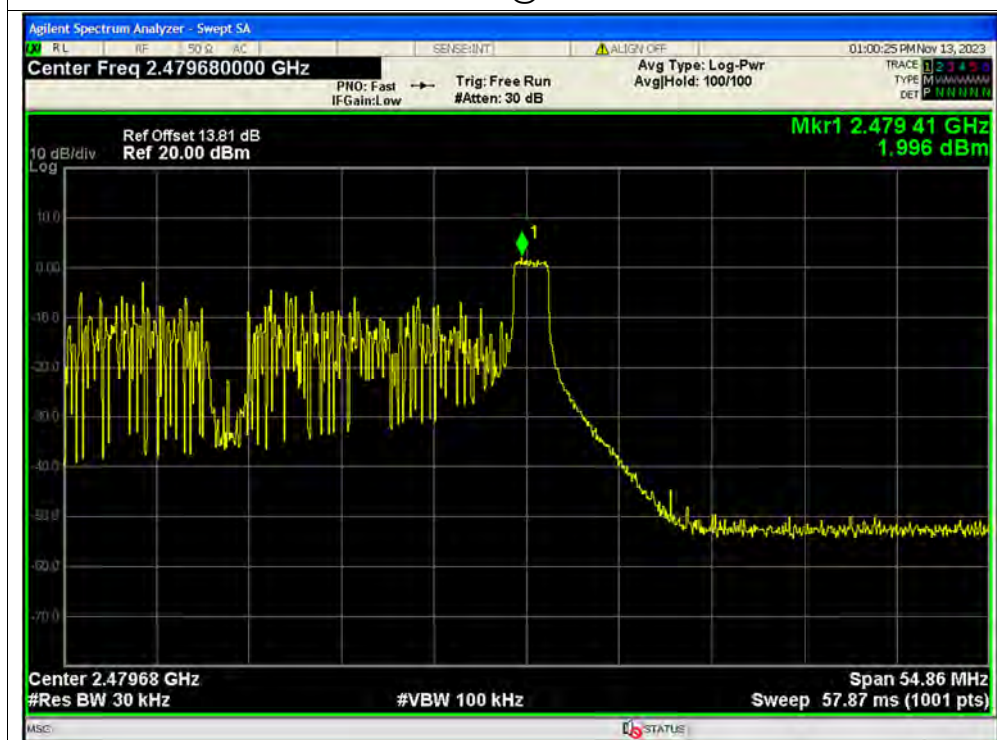
PSD NVNT ax40 26@8 2442MHz Ant2



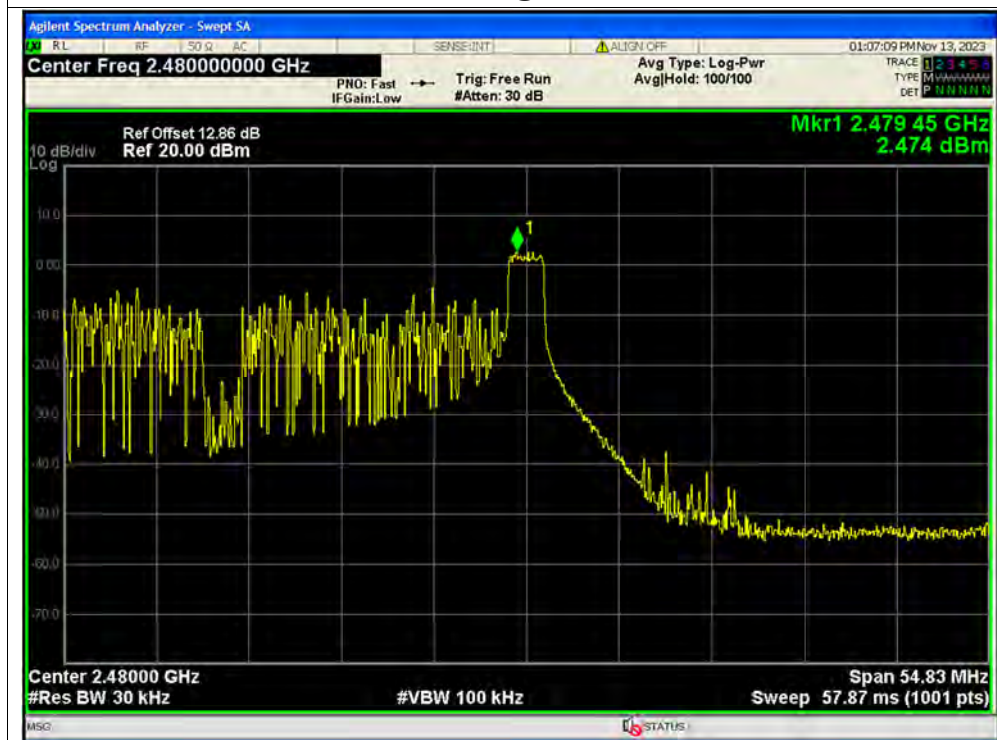
PSD NVNT ax40 26@17 2462MHz Ant1



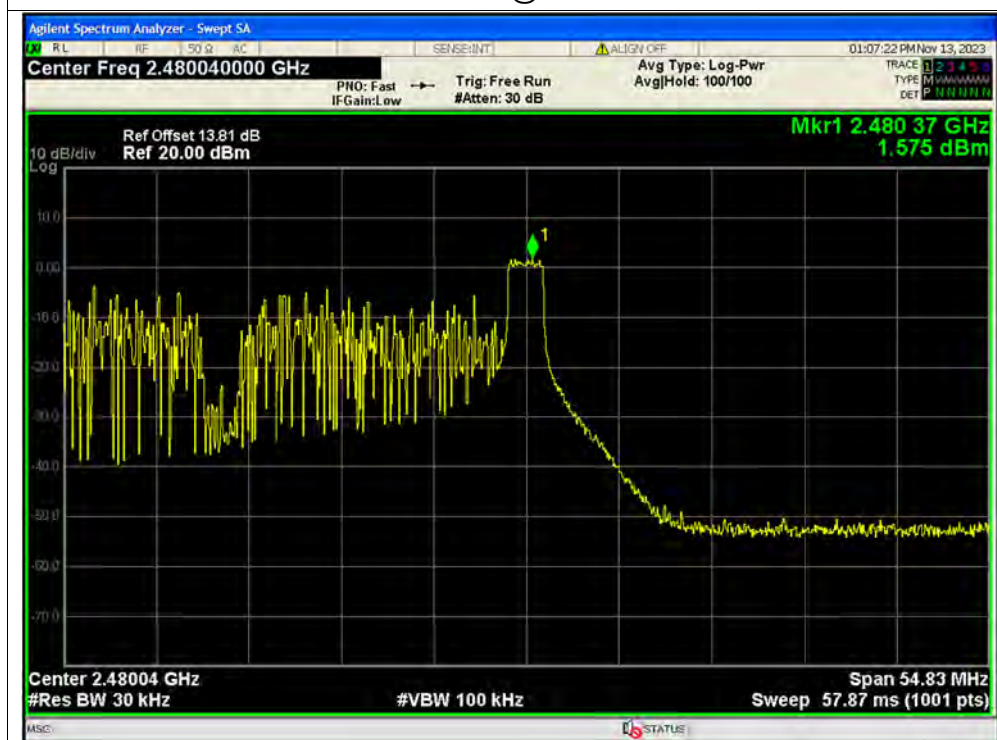
PSD NVNT ax40 26@17 2462MHz Ant2



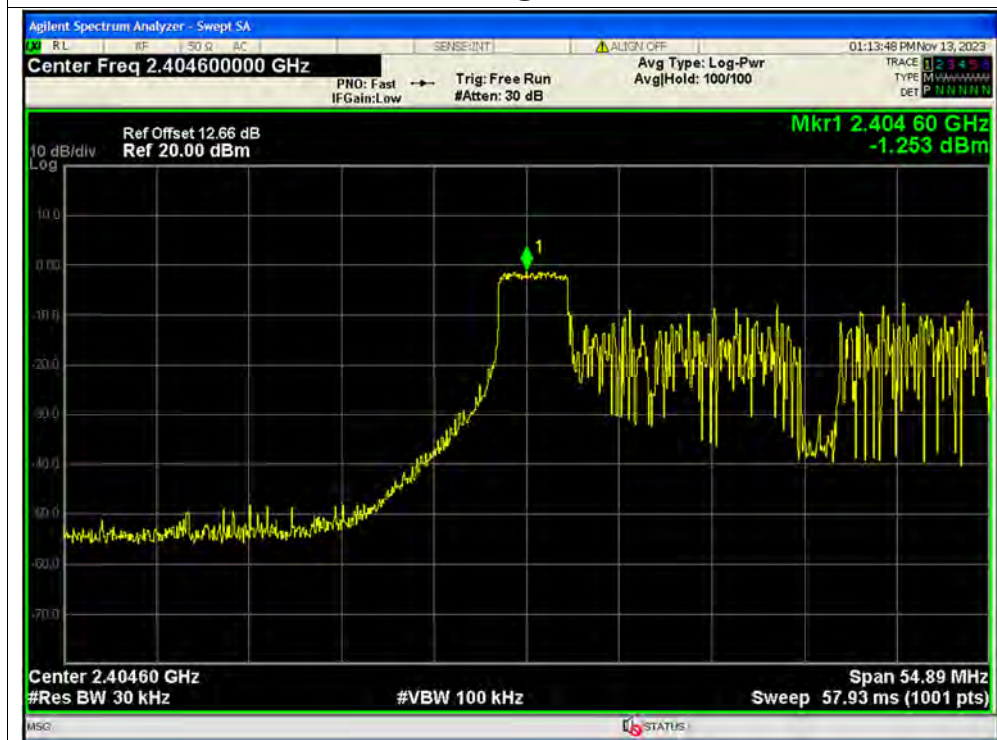
PSD NVNT ax40 26@17 2462MHz Ant1



PSD NVNT ax40 26@17 2462MHz Ant2



PSD NVNT ax40 52@37 2422MHz Ant1

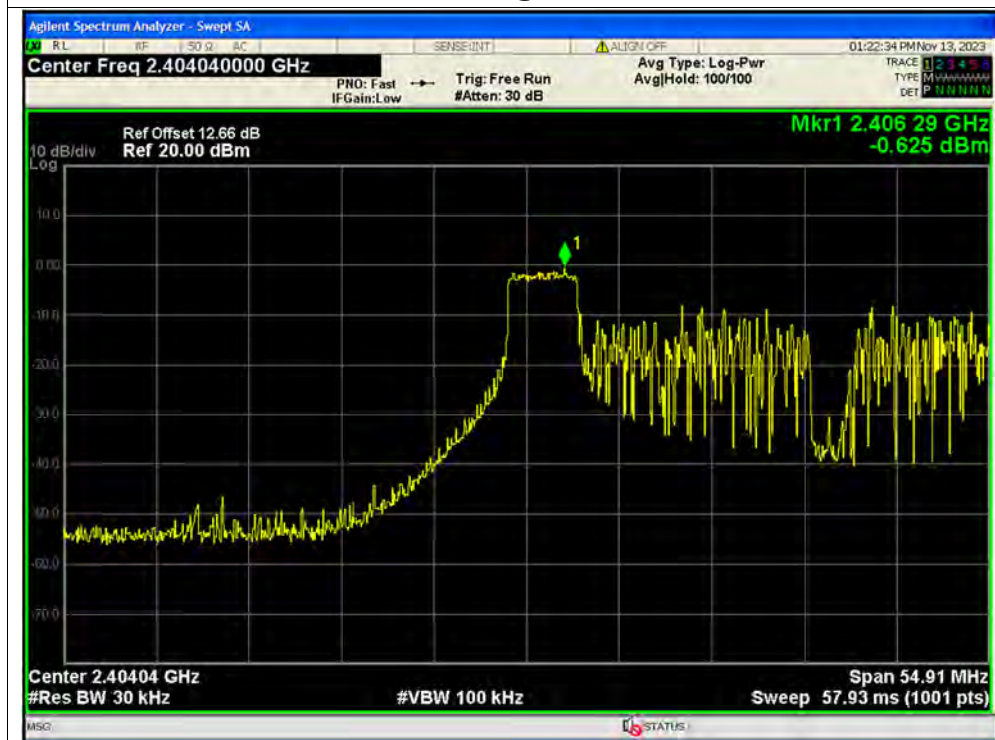


PSD NVNT ax40 52@37 2422MHz Ant2

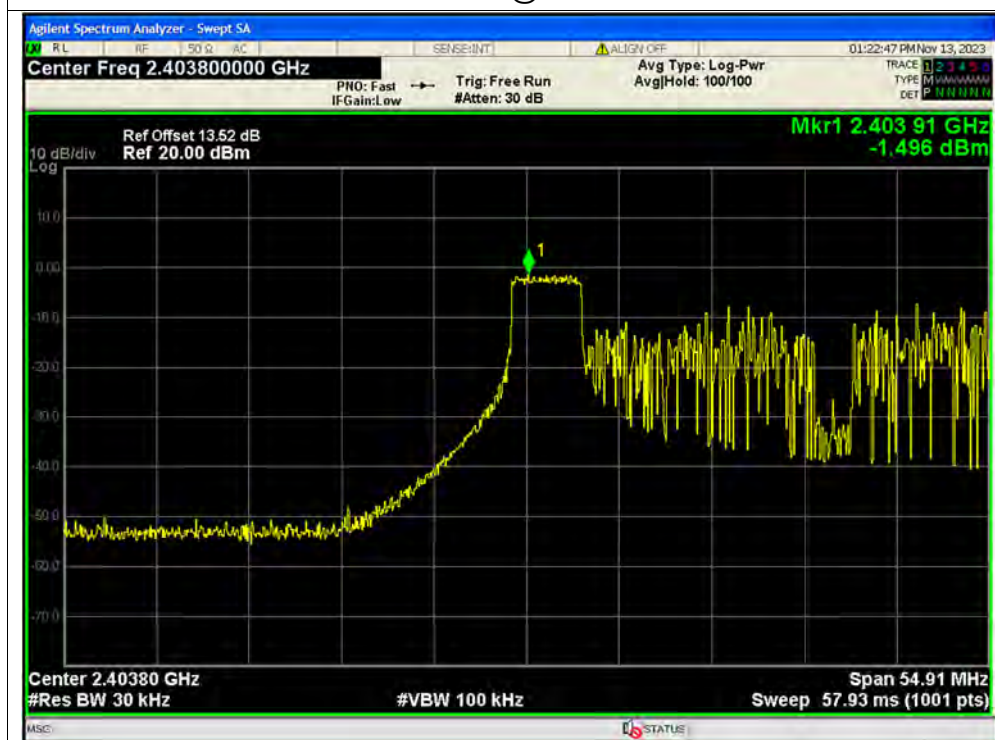




PSD NVNT ax40 52@37 2422MHz Ant1



PSD NVNT ax40 52@37 2422MHz Ant2





PSD NVNT ax40 52@40 2442MHz Ant1



PSD NVNT ax40 52@40 2442MHz Ant2





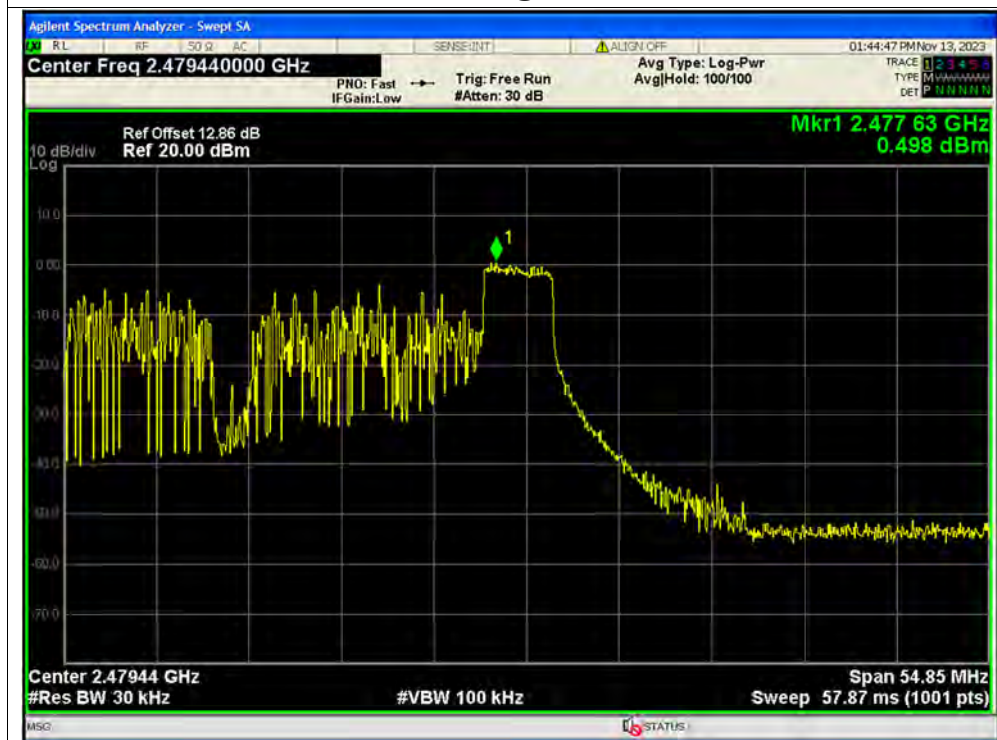
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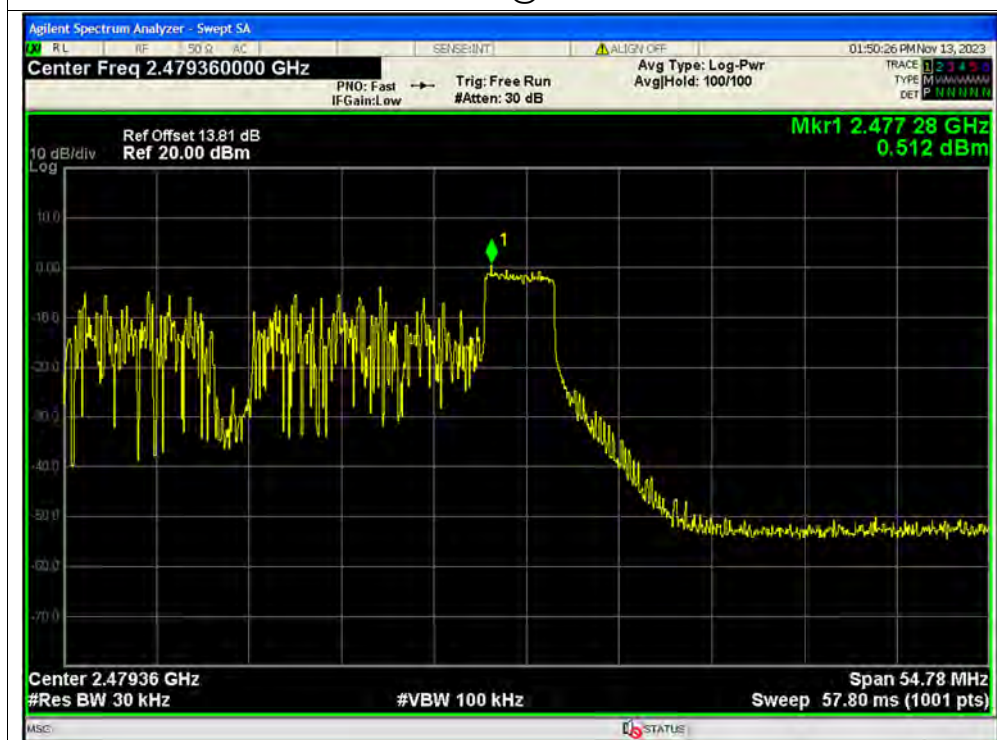
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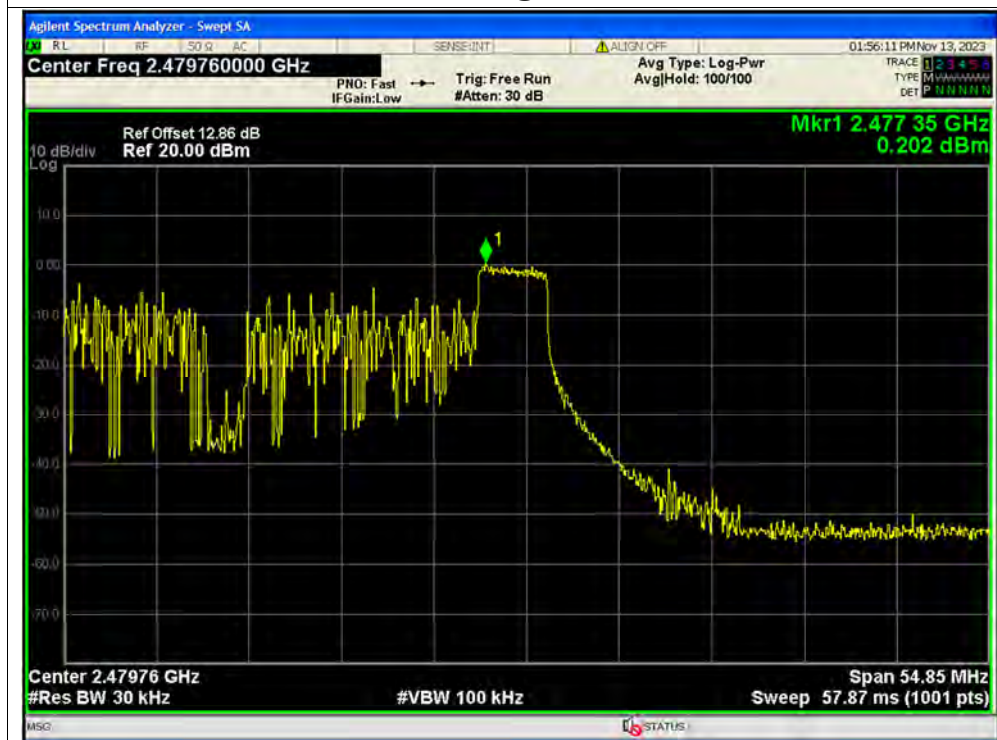
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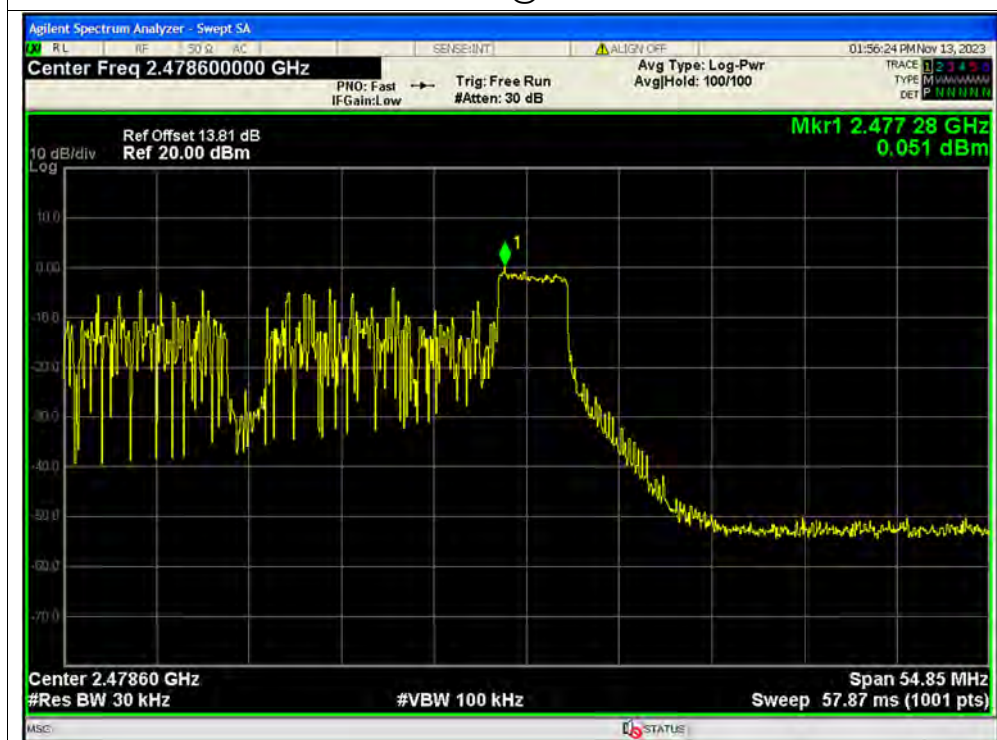
PSD NVNT ax40 52@44 2462MHz Ant2



PSD NVNT ax40 52@44 2462MHz Ant1

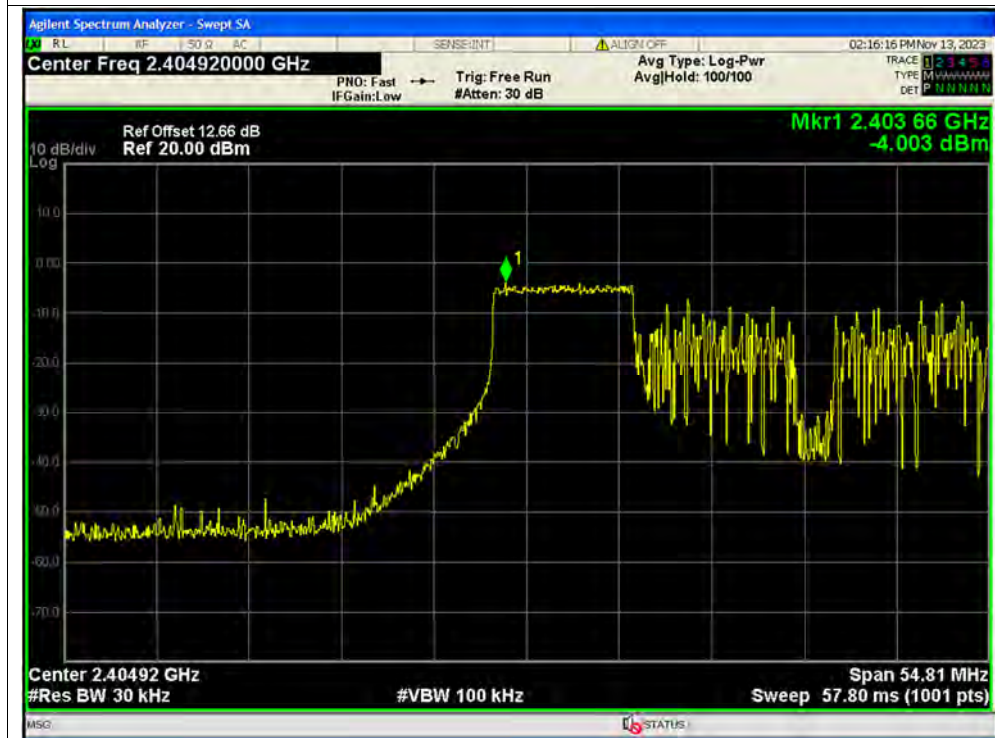


PSD NVNT ax40 52@44 2462MHz Ant2

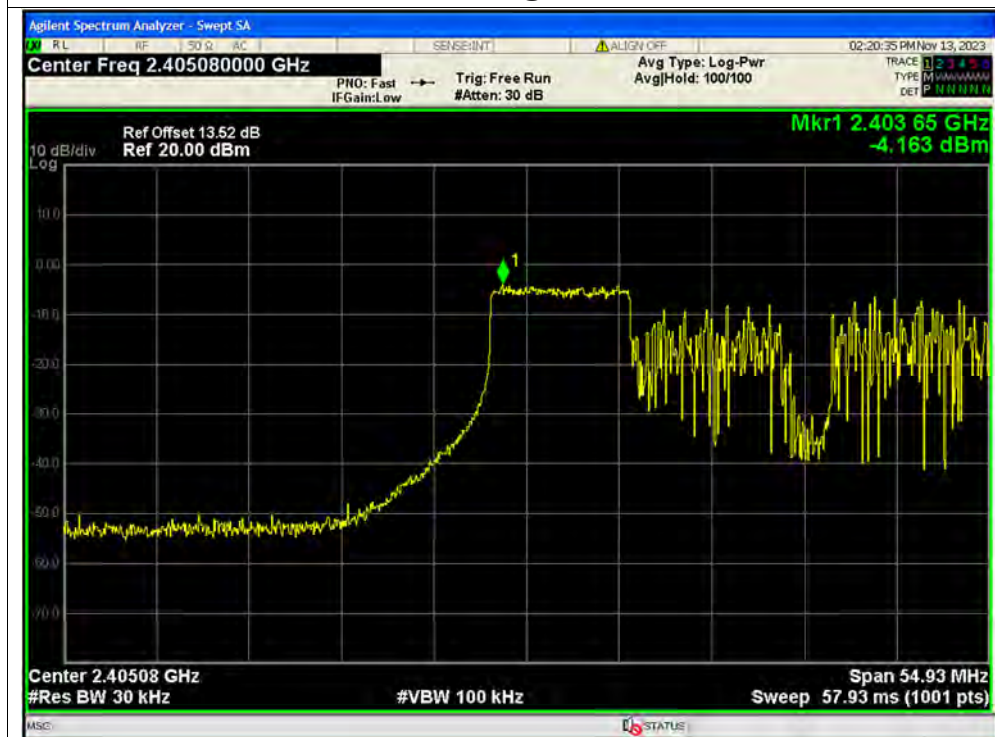




PSD NVNT ax40 106@53 2422MHz Ant1

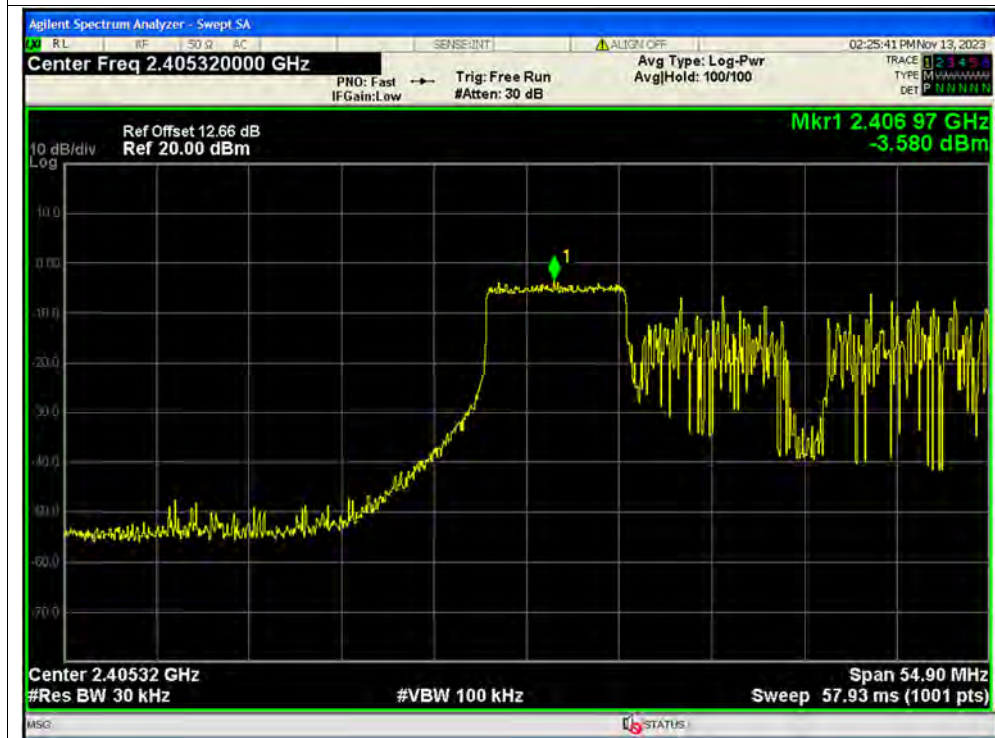


PSD NVNT ax40 106@53 2422MHz Ant2





## PSD NVNT ax40 106@53 2422MHz Ant1



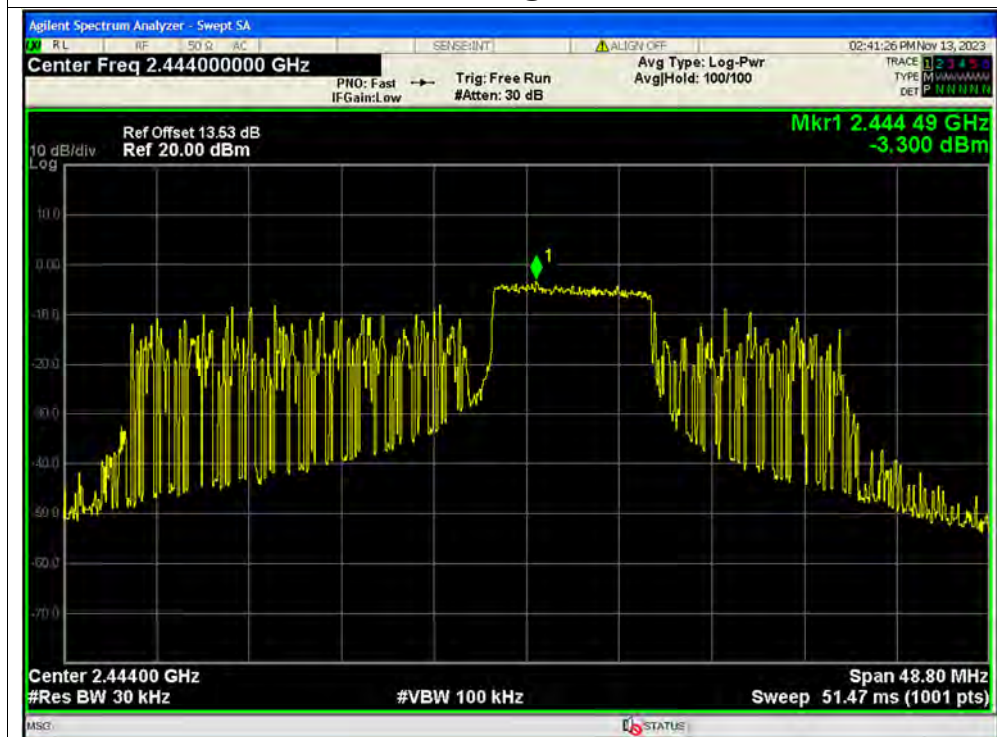
## PSD NVNT ax40 106@53 2422MHz Ant2



PSD NVNT ax40 106@54 2442MHz Ant1



PSD NVNT ax40 106@54 2442MHz Ant2

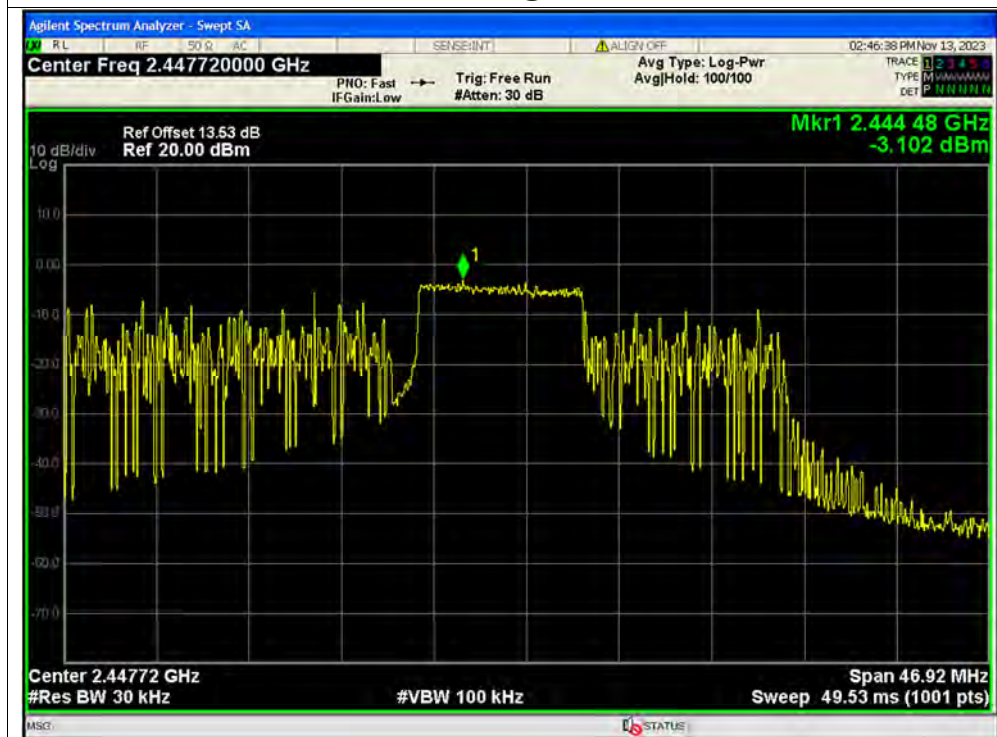




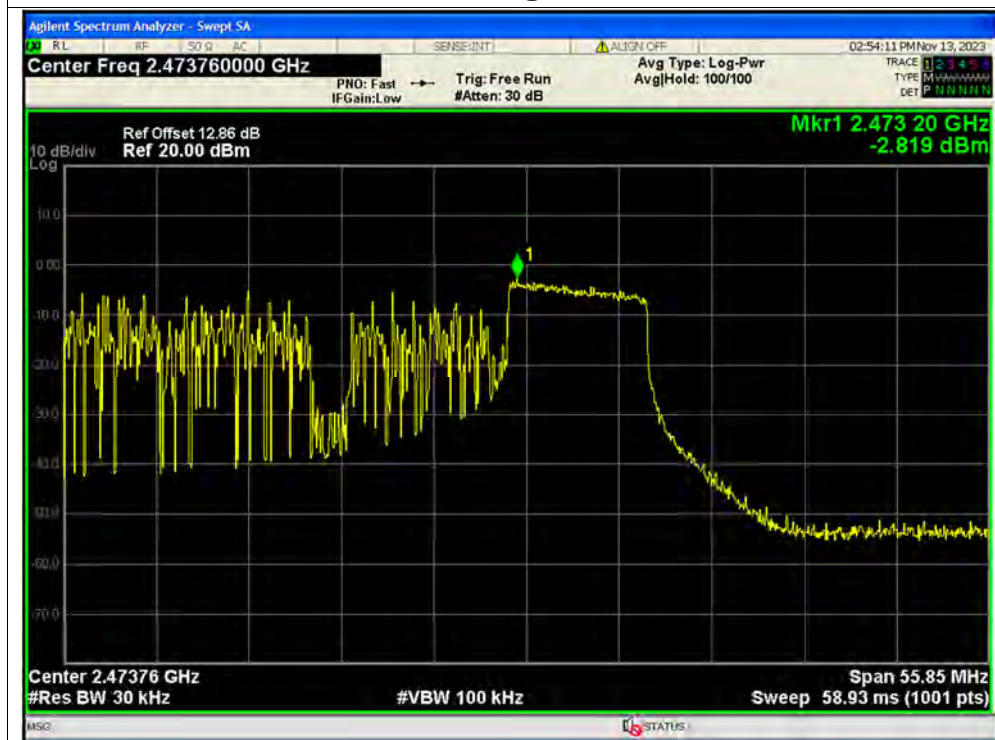
PSD NVNT ax40 106@54 2442MHz Ant1



PSD NVNT ax40 106@54 2442MHz Ant2



PSD NVNT ax40 106@56 2462MHz Ant1



PSD NVNT ax40 106@56 2462MHz Ant2



PSD NVNT ax40 106@56 2462MHz Ant1



PSD NVNT ax40 106@56 2462MHz Ant2



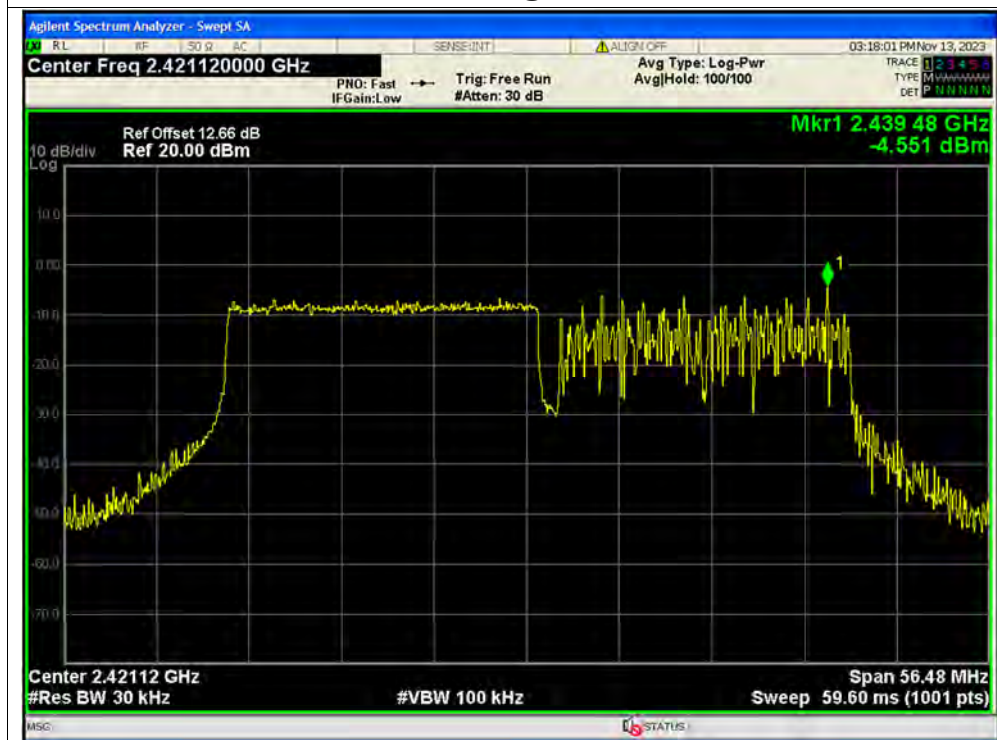
PSD NVNT ax40 242@61 2422MHz Ant1



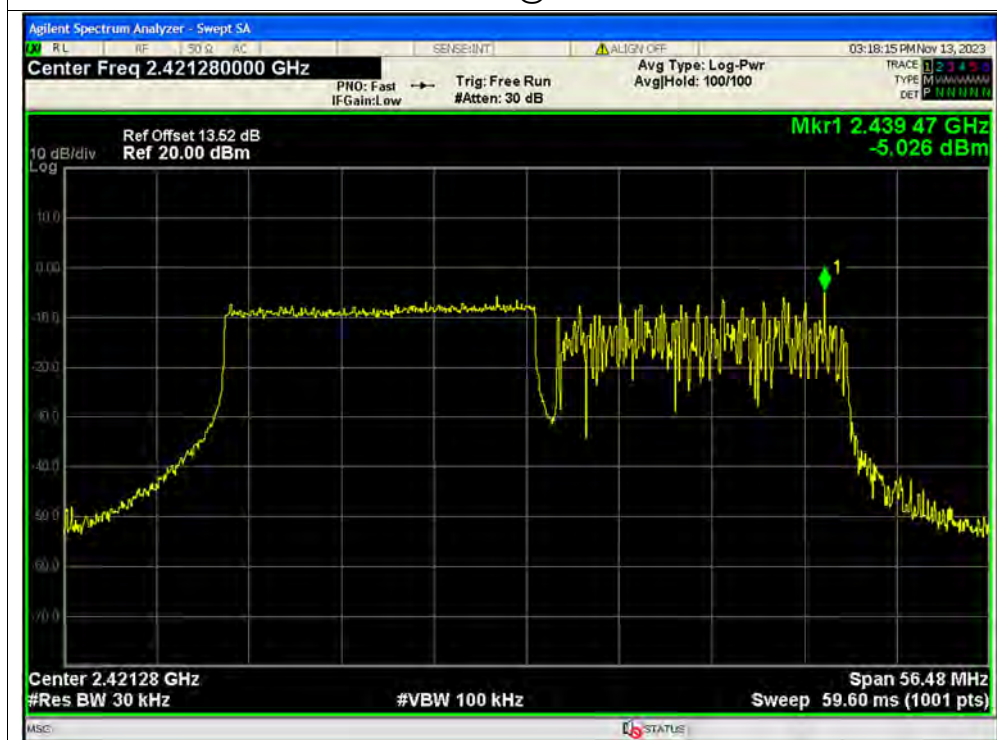
PSD NVNT ax40 242@61 2422MHz Ant2



PSD NVNT ax40 242@61 2422MHz Ant1



PSD NVNT ax40 242@61 2422MHz Ant2



PSD NVNT ax40 242@62 2462MHz Ant1



PSD NVNT ax40 242@62 2462MHz Ant2



PSD NVNT ax40 242@62 2462MHz Ant1



PSD NVNT ax40 242@62 2462MHz Ant2





### A.8. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

**Note:** Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

#### A. Test Setup:

Test Mode: EUT+USB Cable+PC+PC Adapter+WIFI TX

Test voltage: AC 120V/60Hz

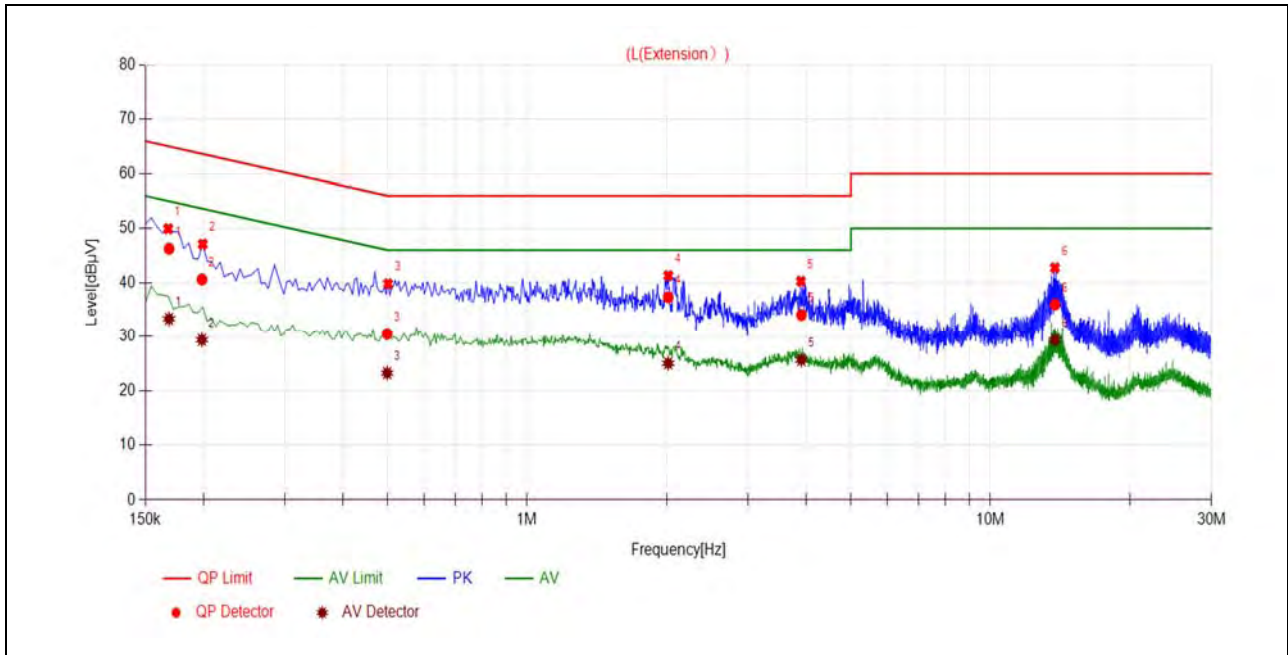
The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss}} \text{ [dB]} + A_{\text{Factor}}$$

$U_R$ : Receiver Reading

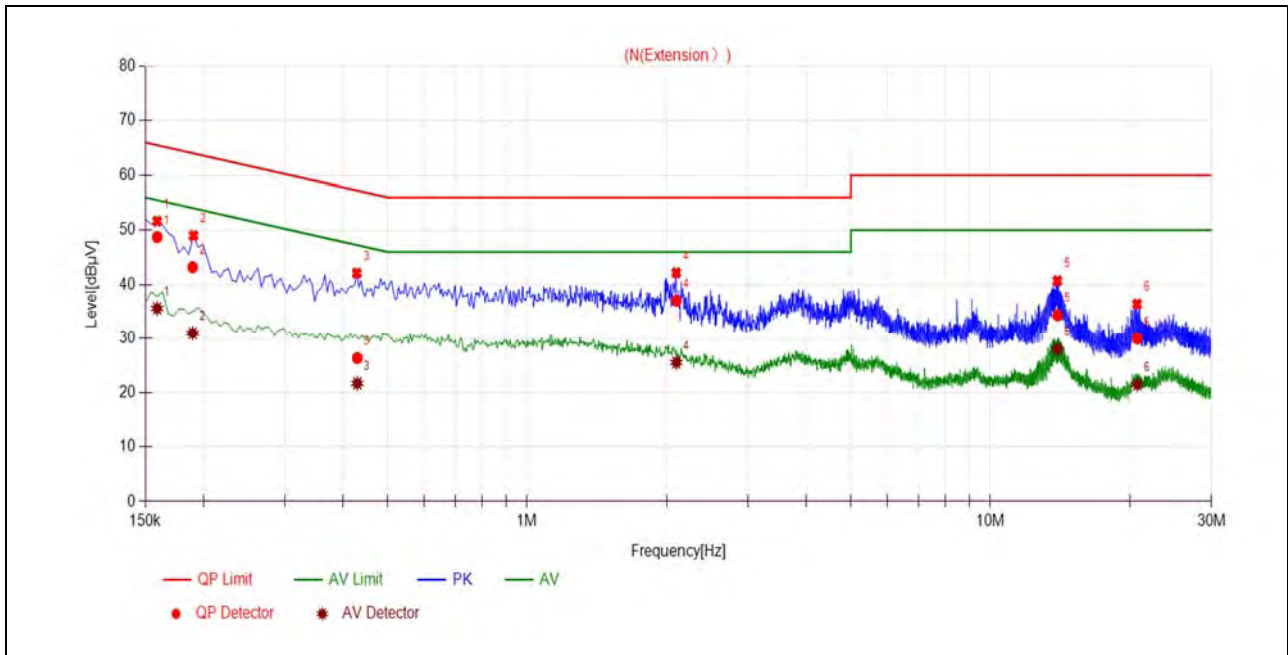
$A_{\text{Factor}}$ : Voltage division factor of LISN

## B. Test Plot:



(L Phase)

| No. | Fre.<br>(MHz) | Emission Level (dBμV) |         | Limit (dBμV) |         | Power-line | Verdict |
|-----|---------------|-----------------------|---------|--------------|---------|------------|---------|
|     |               | Quai-peak             | Average | Quai-peak    | Average |            |         |
| 1   | 0.1687        | 46.28                 | 33.33   | 65.02        | 55.02   | Line       | PASS    |
| 2   | 0.1987        | 40.61                 | 29.35   | 63.66        | 53.66   |            | PASS    |
| 3   | 0.4989        | 30.49                 | 23.22   | 56.02        | 46.02   |            | PASS    |
| 4   | 2.0164        | 37.33                 | 25.01   | 56.00        | 46.00   |            | PASS    |
| 5   | 3.9082        | 34.03                 | 25.62   | 56.00        | 46.00   |            | PASS    |
| 6   | 13.7856       | 35.98                 | 29.33   | 60.00        | 50.00   |            | PASS    |



(N Phase)

| No. | Fre.<br>(MHz) | Emission Level (dBμV) |         | Limit (dBμV) |         | Power-line | Verdict |
|-----|---------------|-----------------------|---------|--------------|---------|------------|---------|
|     |               | Quai-peak             | Average | Quai-peak    | Average |            |         |
| 1   | 0.1590        | 48.74                 | 35.62   | 65.52        | 55.52   | Neutral    | PASS    |
| 2   | 0.1897        | 43.22                 | 31.00   | 64.05        | 54.05   |            | PASS    |
| 3   | 0.4301        | 26.33                 | 21.66   | 57.25        | 47.25   |            | PASS    |
| 4   | 2.0997        | 37.05                 | 25.52   | 56.00        | 46.00   |            | PASS    |
| 5   | 13.9621       | 34.37                 | 28.00   | 60.00        | 50.00   |            | PASS    |
| 6   | 20.7468       | 29.98                 | 21.43   | 60.00        | 50.00   |            | PASS    |



### A.9. Restricted Frequency Bands

The lowest and highest channels are tested to verify the Restricted Frequency Bands.

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

$A_T$ : Total correction Factor except Antenna

$U_R$ : Receiver Reading

$G_{\text{preamp}}$ : Preamplifier Gain

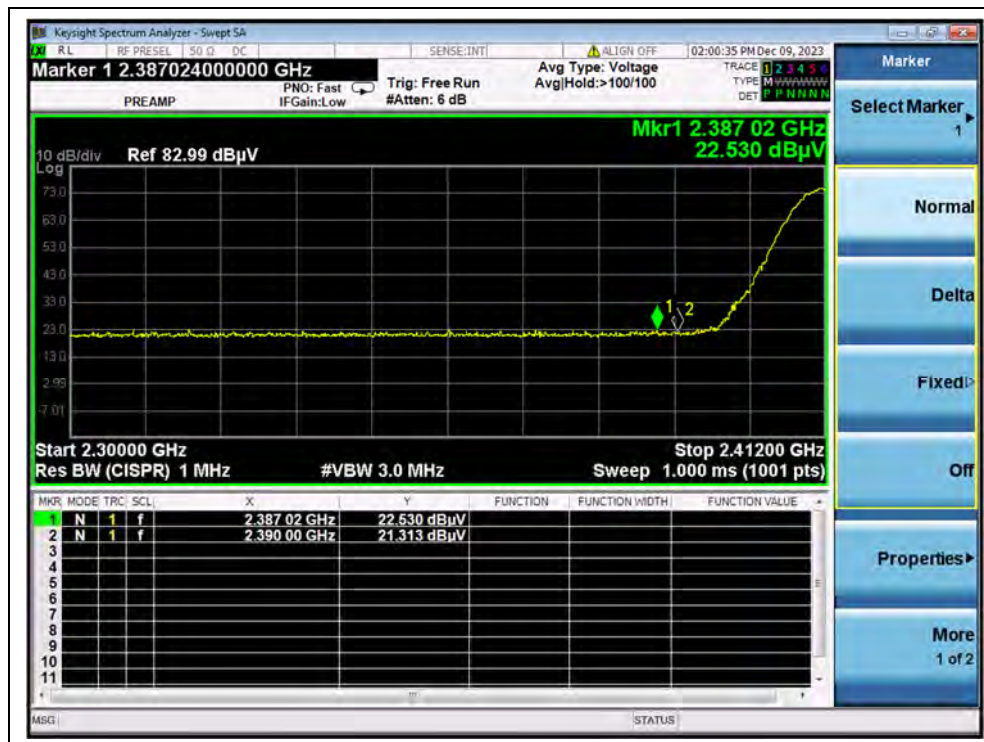
$A_{\text{Factor}}$ : Antenna Factor at 3m

**Note 1:** Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

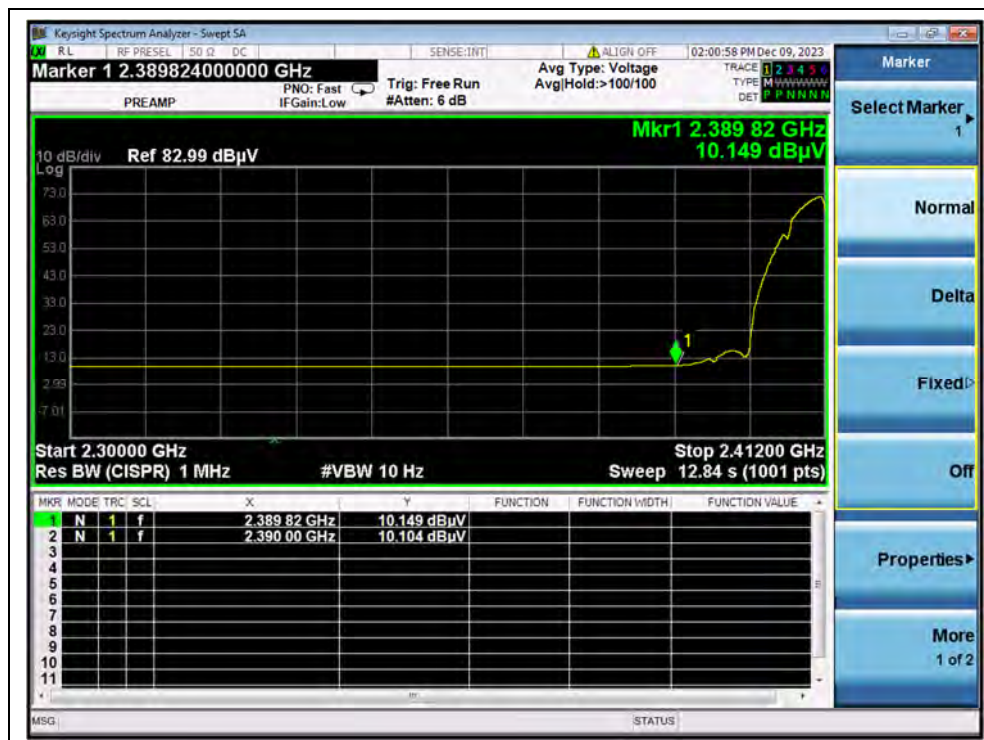
**Note 2** All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

#### 802.11b Mode

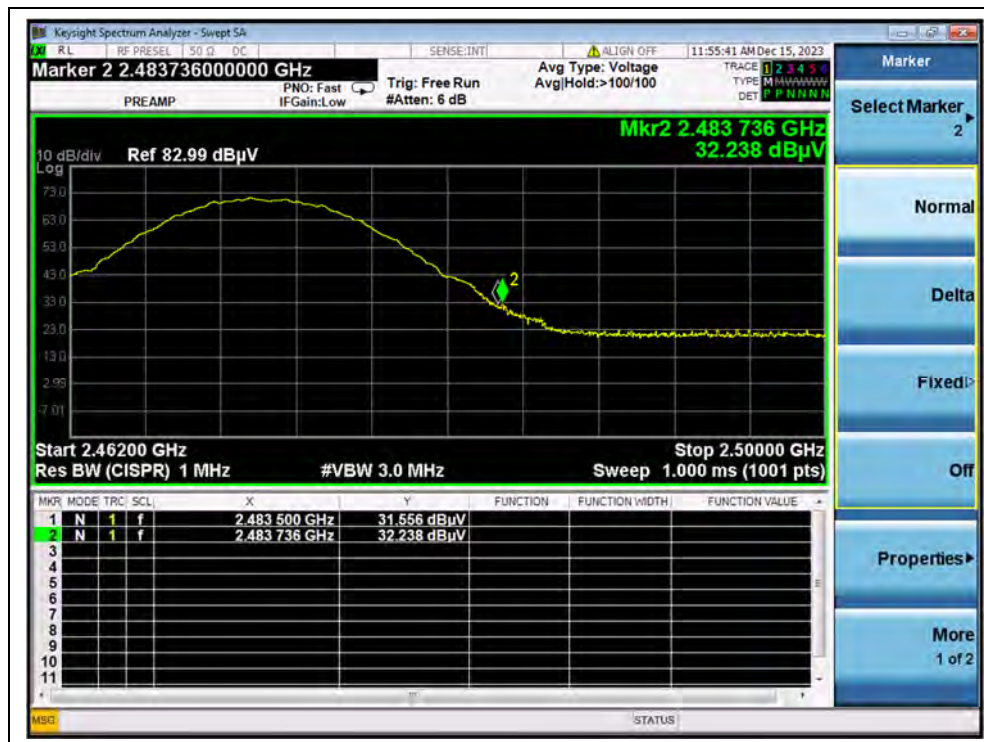
| Channel | Frequency<br>(MHz) | Detector | Receiver<br>Reading<br>$U_R$<br>(dB $\mu$ V) | $A_T$<br>(dB) | $A_{\text{Factor}}$<br>(dB@3m) | Max.<br>Emission<br>$E$<br>(dB $\mu$ V/m) | Limit<br>(dB $\mu$ V/m) | Verdict |
|---------|--------------------|----------|----------------------------------------------|---------------|--------------------------------|-------------------------------------------|-------------------------|---------|
|         |                    | PK/ AV   |                                              |               |                                |                                           |                         |         |
| 1       | 2387.02            | PK       | 22.53                                        | 6.74          | 27.20                          | 56.47                                     | 74                      | PASS    |
| 1       | 2389.82            | AV       | 10.15                                        | 6.74          | 27.20                          | 44.09                                     | 54                      | PASS    |
| 13      | 2483.74            | PK       | 32.24                                        | 6.74          | 27.20                          | 66.18                                     | 74                      | PASS    |
| 13      | 2485.52            | AV       | 14.03                                        | 6.74          | 27.20                          | 47.97                                     | 54                      | PASS    |



(PEAK, Channel 1, 802.11b)



(AVERAGE, Channel 1, 802.11b)



(PEAK, Channel 13, 802.11b)

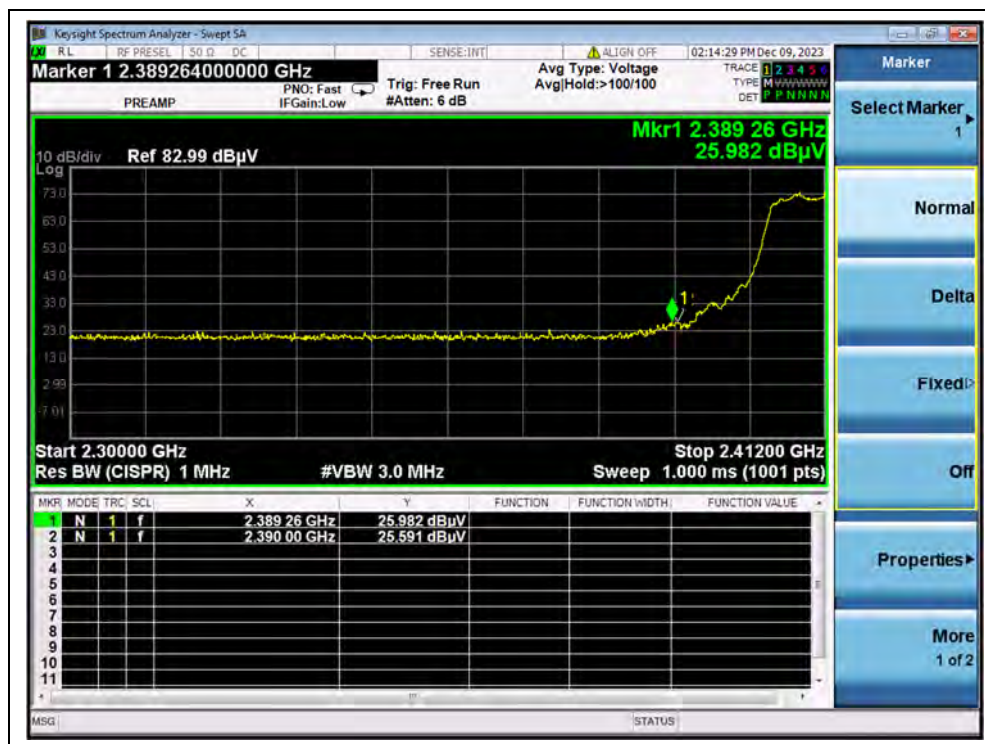


(AVERAGE, Channel 13, 802.11b)

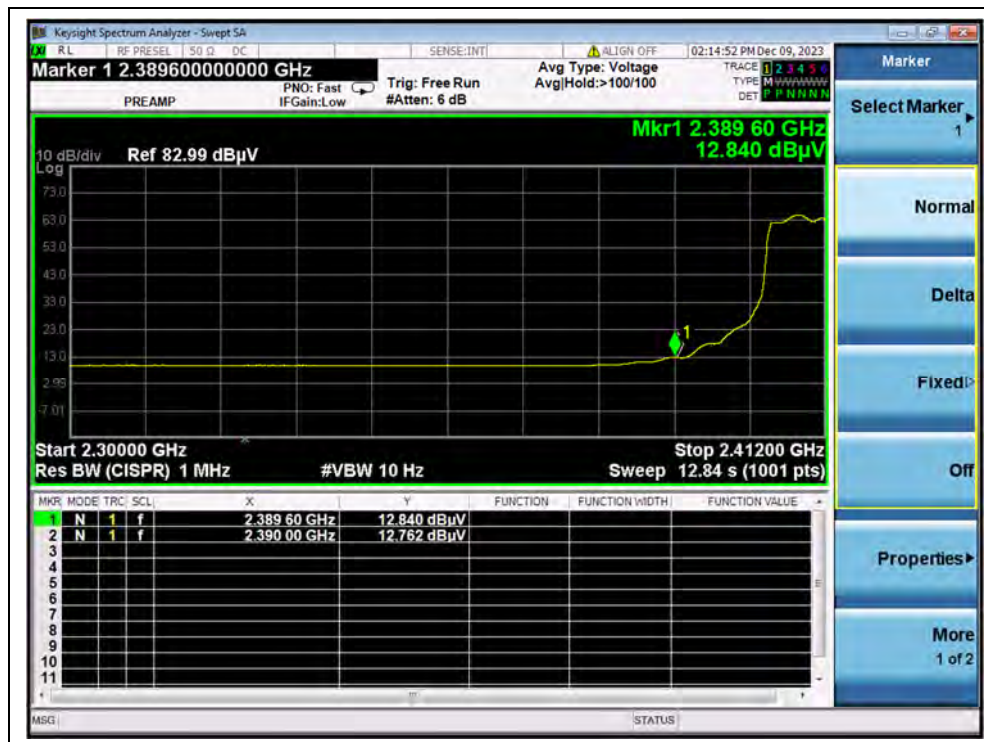


**802.11g Mode**

| Channel | Frequency (MHz) | Detector | Receiver Reading<br>$U_R$<br>(dB $\mu$ V) | $A_T$<br>(dB) | $A_{Factor}$<br>(dB@3m) | Max. Emission<br>$E$<br>(dB $\mu$ V/m) | Limit<br>(dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|-------------------------------------------|---------------|-------------------------|----------------------------------------|-------------------------|---------|
|         |                 | PK/ AV   |                                           |               |                         |                                        |                         |         |
| 1       | 2389.26         | PK       | 25.98                                     | 6.74          | 27.20                   | 59.92                                  | 74                      | PASS    |
| 1       | 2389.60         | AV       | 12.84                                     | 6.74          | 27.20                   | 46.78                                  | 54                      | PASS    |
| 13      | 2483.60         | PK       | 30.14                                     | 6.74          | 27.20                   | 64.08                                  | 74                      | PASS    |
| 13      | 2483.50         | AV       | 16.52                                     | 6.74          | 27.20                   | 50.46                                  | 54                      | PASS    |



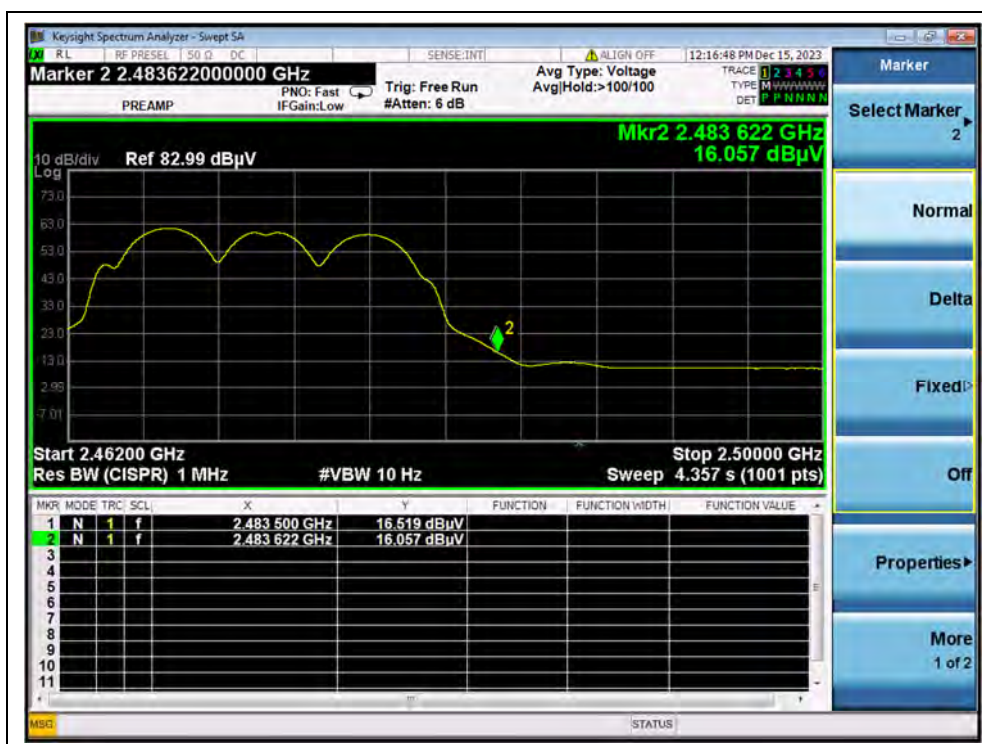
(PEAK, Channel 1, 802.11g)



(AVERAGE, Channel 1, 802.11g)



(PEAK, Channel 13, 802.11g)

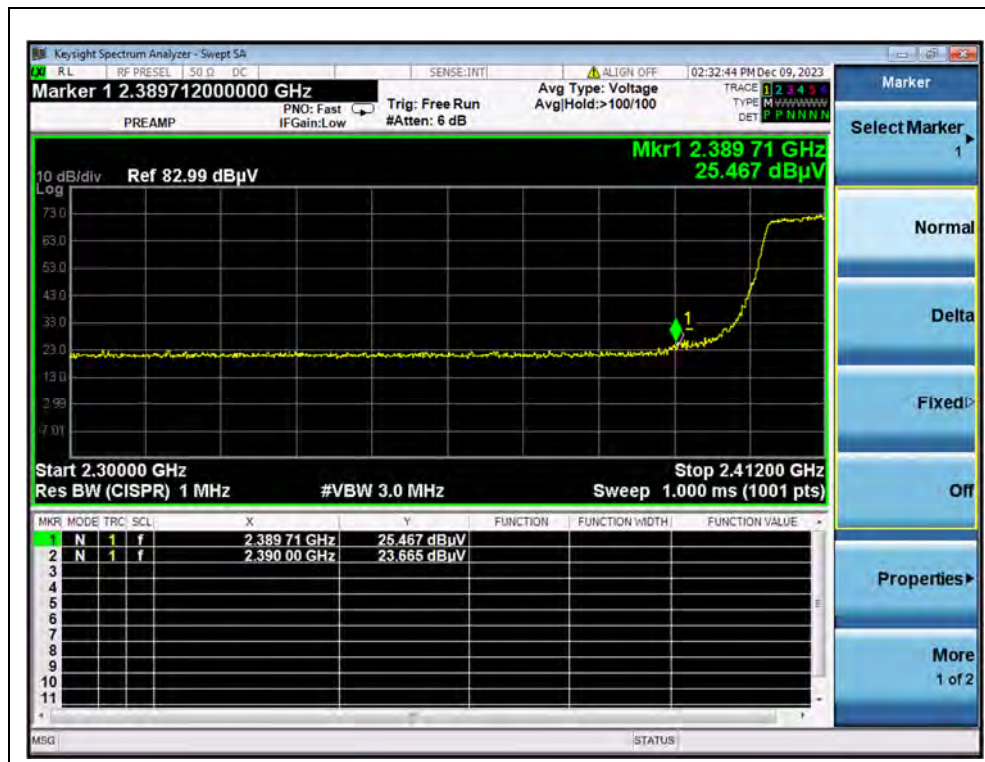


(AVERAGE, Channel 13, 802.11g)

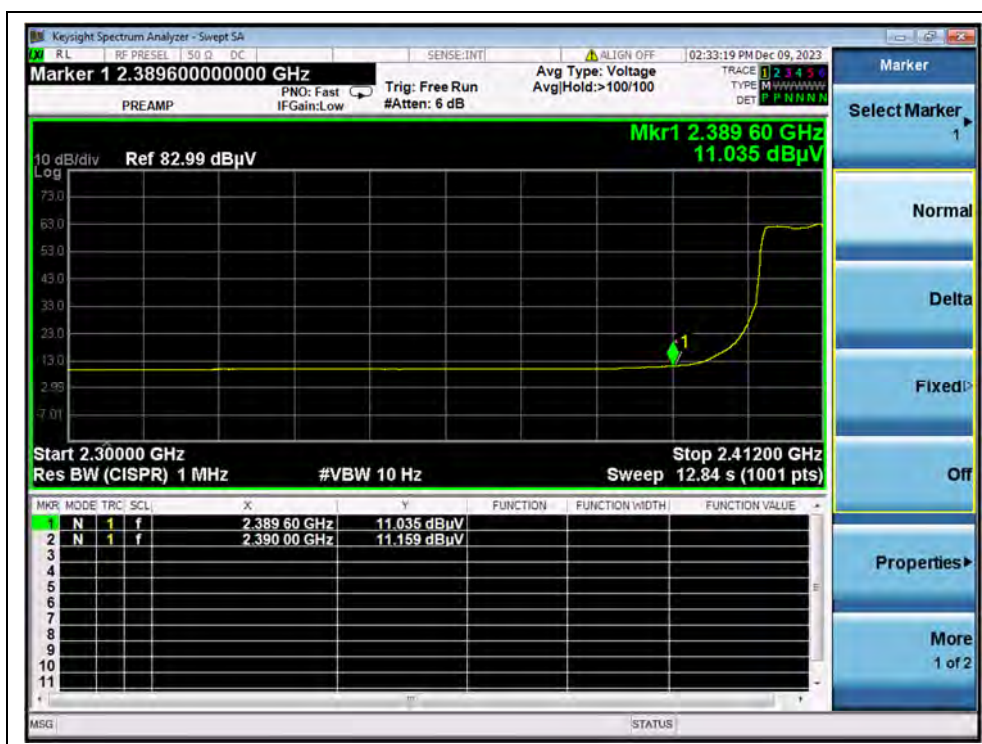


**802.11n (HT20) Mode**

| Channel | Frequency (MHz) | Detector | Receiver Reading<br>$U_R$<br>(dBμV) | $A_T$<br>(dB) | $A_{Factor}$<br>(dB@3m) | Max. Emission<br>$E$<br>(dBμV/m) | Limit<br>(dBμV/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|---------------|-------------------------|----------------------------------|-------------------|---------|
|         |                 | PK/ AV   |                                     |               |                         |                                  |                   |         |
| 1       | 2389.71         | PK       | 25.47                               | 6.74          | 27.20                   | 59.41                            | 74                | PASS    |
| 1       | 2390.00         | AV       | 11.16                               | 6.74          | 27.20                   | 45.10                            | 54                | PASS    |
| 13      | 2483.70         | PK       | 31.25                               | 6.74          | 27.20                   | 65.19                            | 74                | PASS    |
| 13      | 2483.50         | AV       | 16.67                               | 6.74          | 27.20                   | 50.61                            | 54                | PASS    |



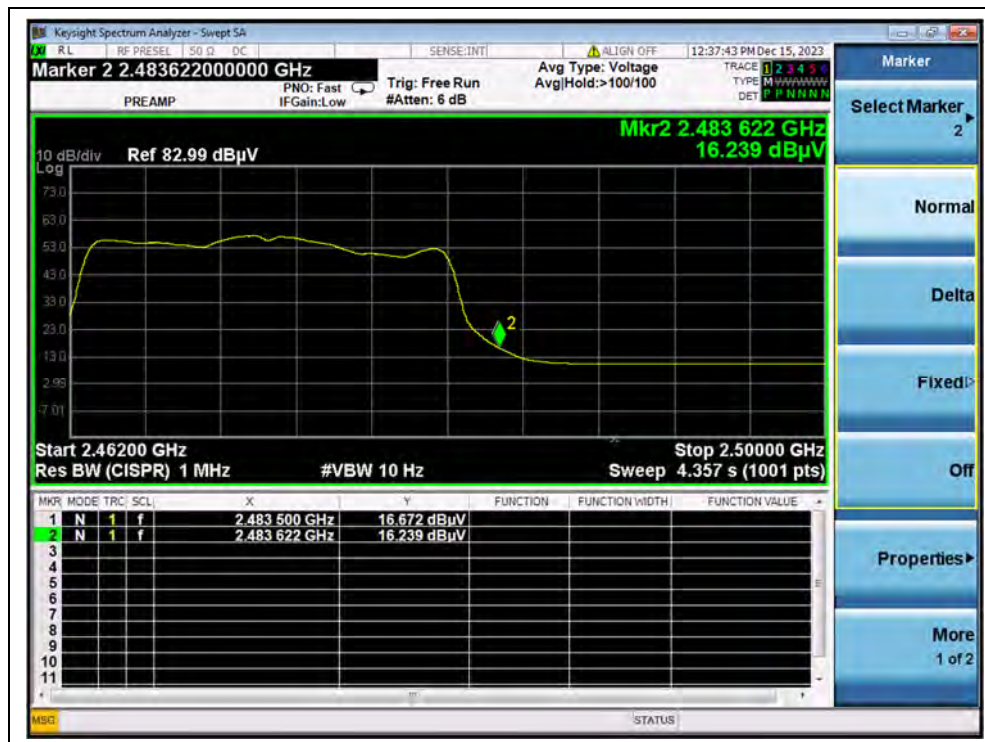
(PEAK, Channel 1, 802.11n (HT20))



(AVERAGE, Channel 1, 802.11n (HT20))



(PEAK, Channel 13, 802.11n (HT20))

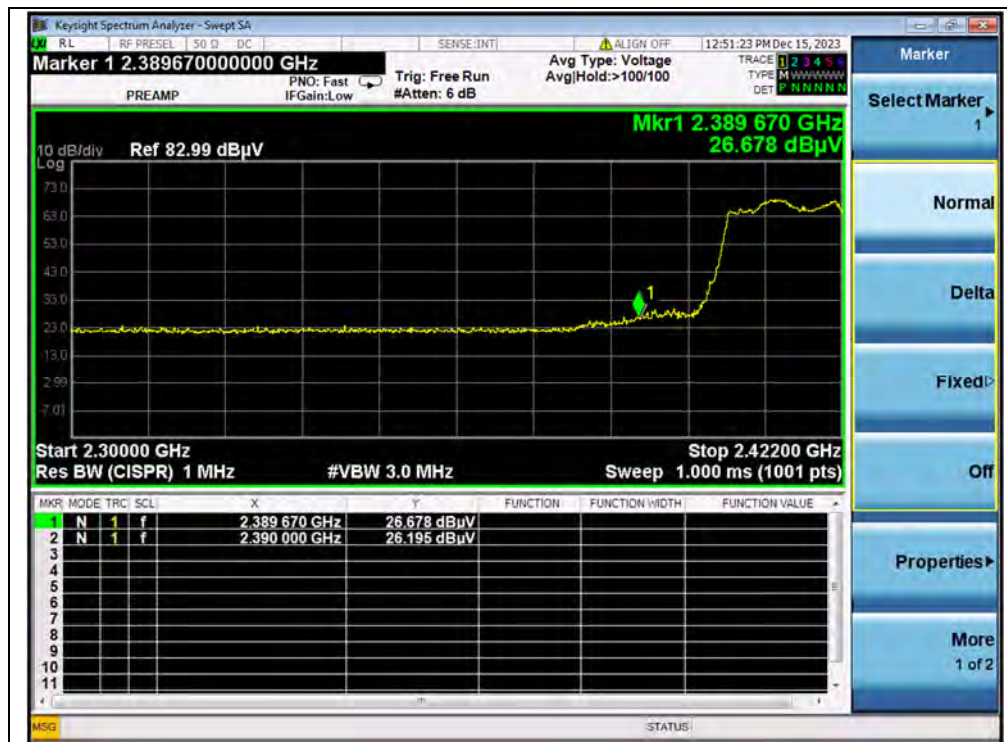


(AVERAGE, Channel 13, 802.11n (HT20))

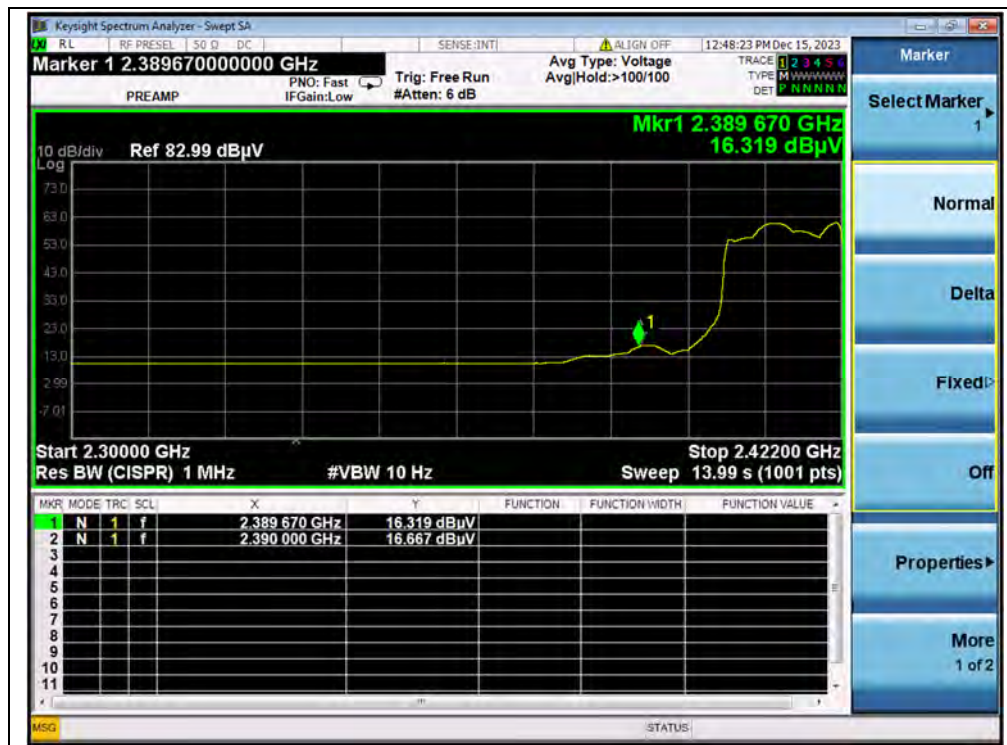


**802.11n (HT40) Mode**

| Channel | Frequency (MHz) | Detector | Receiver Reading<br>$U_R$<br>(dBμV) | $A_T$<br>(dB) | $A_{Factor}$<br>(dB@3m) | Max. Emission<br>$E$<br>(dBμV/m) | Limit<br>(dBμV/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|---------------|-------------------------|----------------------------------|-------------------|---------|
|         |                 | PK/ AV   |                                     |               |                         |                                  |                   |         |
| 3       | 2389.67         | PK       | 26.68                               | 6.74          | 27.20                   | 60.62                            | 74                | PASS    |
| 3       | 2390.00         | AV       | 16.67                               | 6.74          | 27.20                   | 50.61                            | 54                | PASS    |
| 11      | 2483.50         | PK       | 28.39                               | 6.74          | 27.20                   | 62.33                            | 74                | PASS    |
| 11      | 2483.50         | AV       | 16.64                               | 6.74          | 27.20                   | 50.58                            | 54                | PASS    |



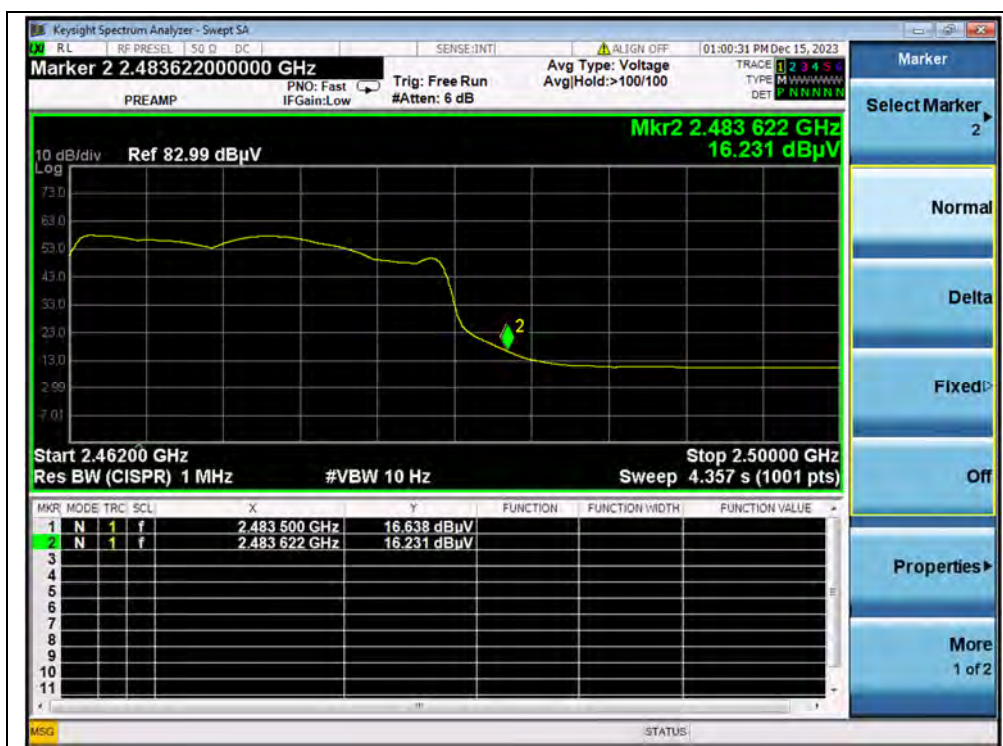
(PEAK, Channel 3, 802.11n (HT40))



(AVERAGE, Channel 3, 802.11n (HT40))



(PEAK, Channel 11, 802.11n (HT40))

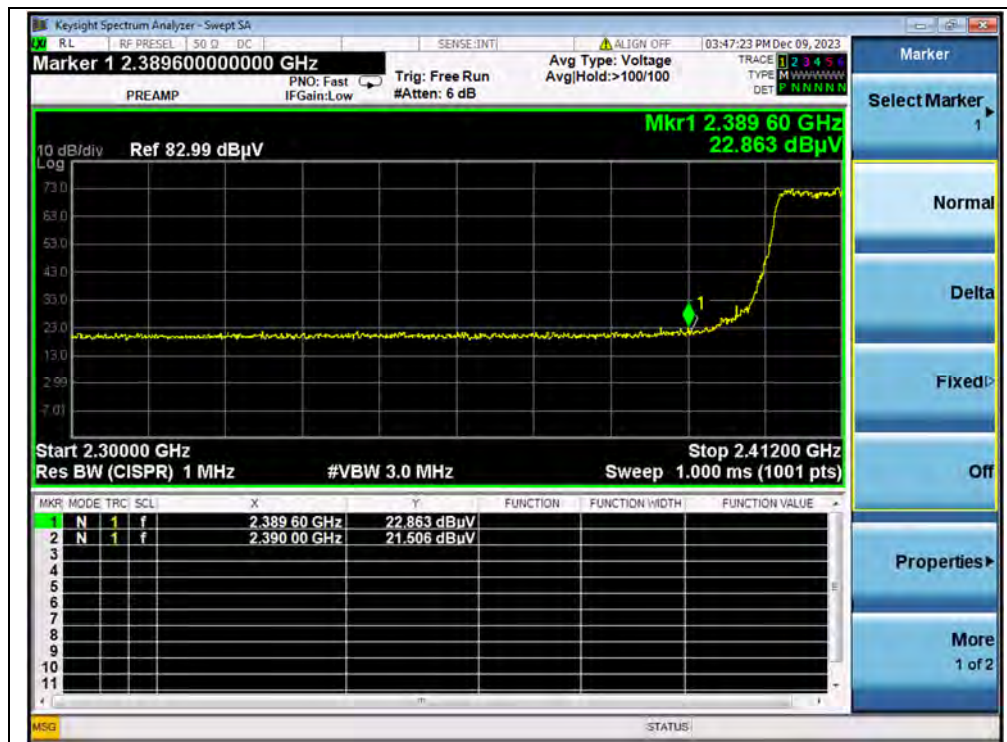


(AVERAGE, Channel 11, 802.11n (HT40))

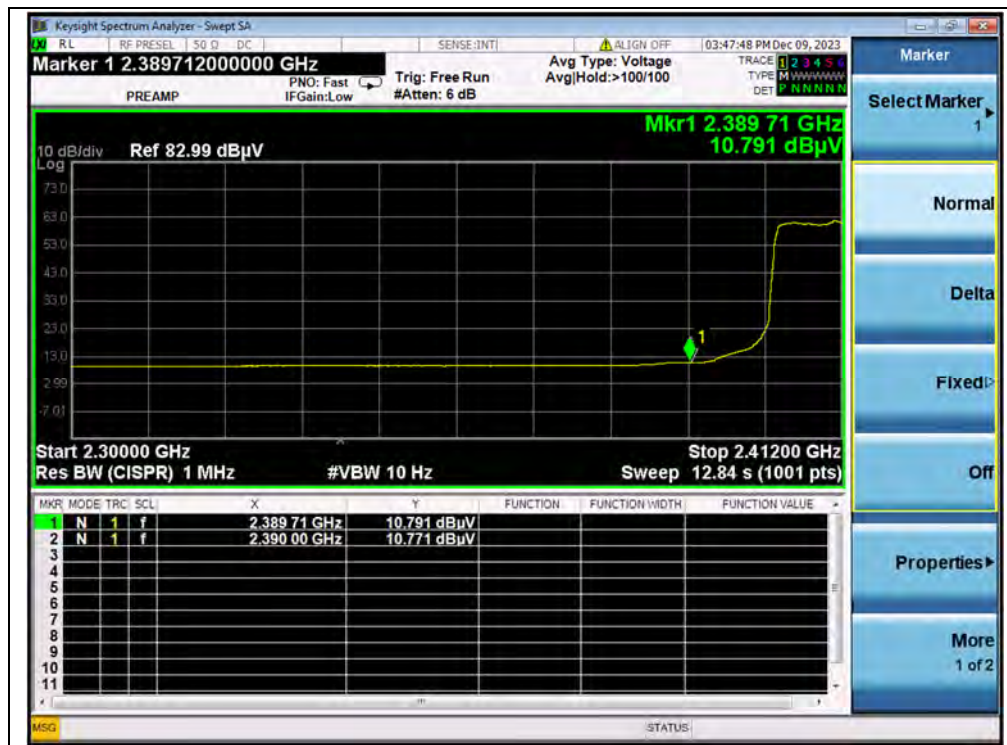


**802.11ax (HEW20) Mode**

| Channel | Frequency (MHz) | Detector | Receiver Reading<br>$U_R$<br>(dB $\mu$ V) | $A_T$<br>(dB) | $A_{Factor}$<br>(dB@3m) | Max. Emission<br>$E$<br>(dB $\mu$ V/m) | Limit<br>(dB $\mu$ V/m) | Verdict |
|---------|-----------------|----------|-------------------------------------------|---------------|-------------------------|----------------------------------------|-------------------------|---------|
|         |                 | PK/ AV   |                                           |               |                         |                                        |                         |         |
| 1       | 2389.60         | PK       | 22.86                                     | 6.74          | 27.20                   | 56.80                                  | 74                      | PASS    |
| 1       | 2389.71         | AV       | 10.79                                     | 6.74          | 27.20                   | 44.73                                  | 54                      | PASS    |
| 13      | 2483.50         | PK       | 35.53                                     | 6.74          | 27.20                   | 69.47                                  | 74                      | PASS    |
| 13      | 2483.50         | AV       | 16.67                                     | 6.74          | 27.20                   | 50.61                                  | 54                      | PASS    |



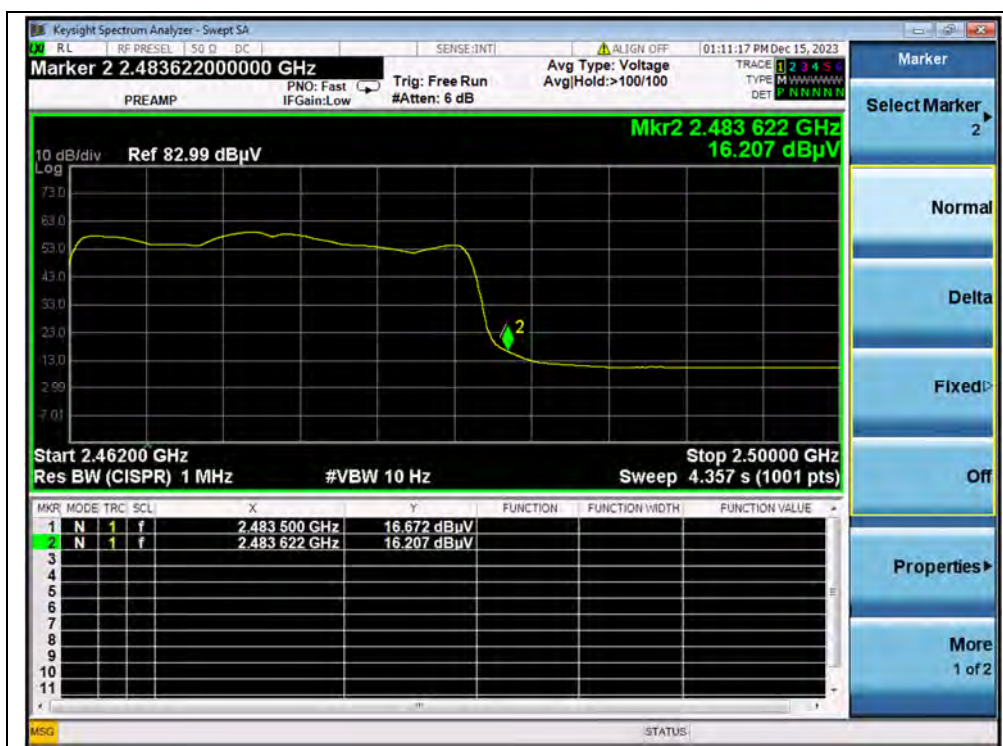
(PEAK, Channel 1, 802.11ax (HEW20))



(AVERAGE, Channel 1, 802.11ax (HEW20))



(PEAK, Channel 13, 802.11ax (HEW20))

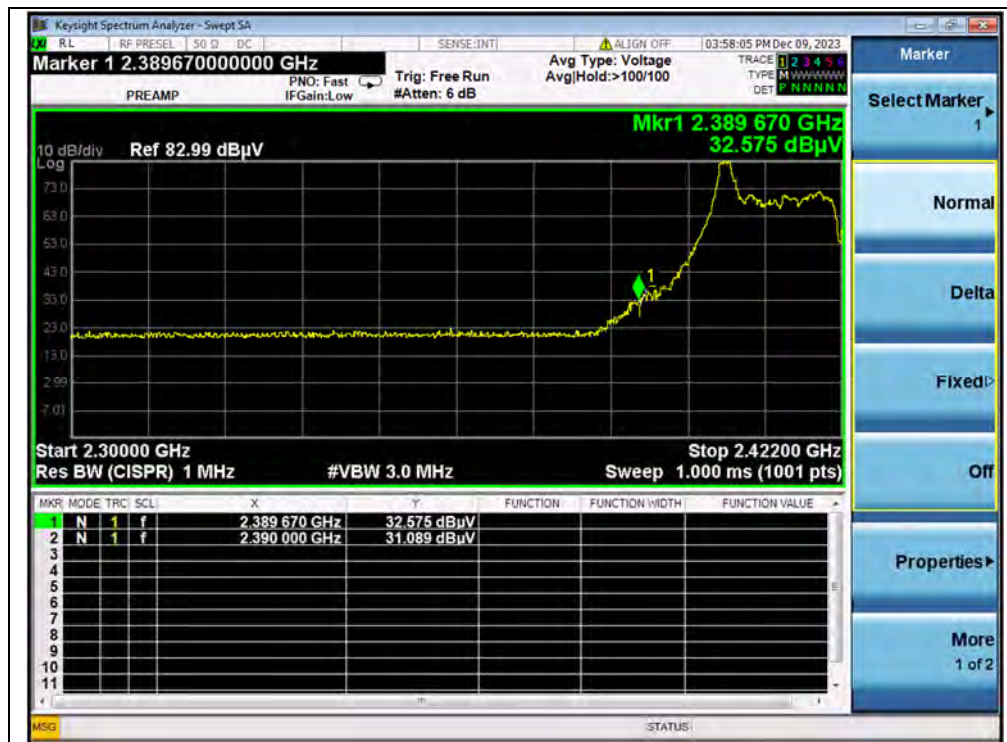


(AVERAGE, Channel 13, 802.11ax (HEW20))

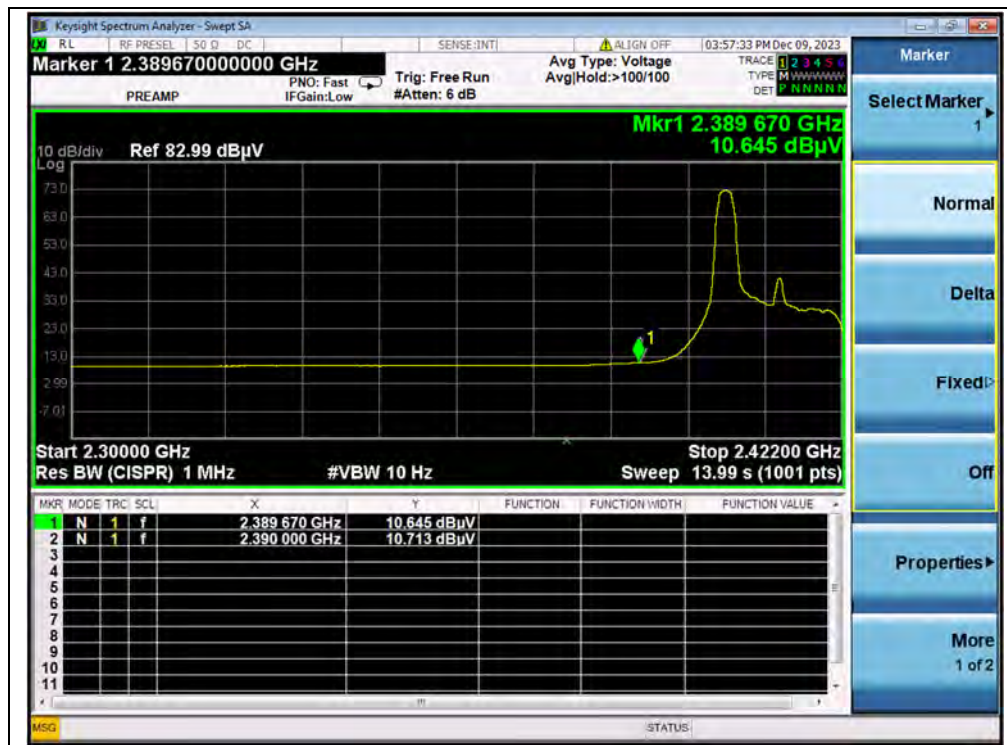


**802.11ax (HEW20) RU26 Mode**

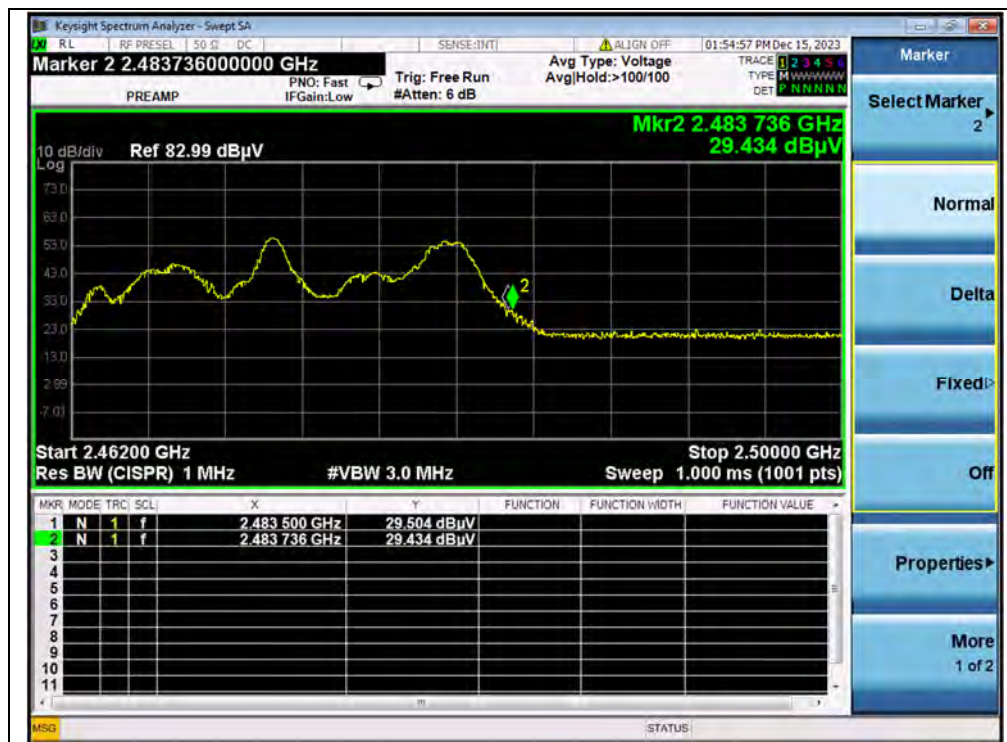
| Channel | Frequency (MHz) | Detector | Receiver Reading<br>$U_R$<br>(dBμV) | $A_T$<br>(dB) | $A_{Factor}$<br>(dB@3m) | Max. Emission<br>$E$<br>(dBμV/m) | Limit<br>(dBμV/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|---------------|-------------------------|----------------------------------|-------------------|---------|
|         |                 | PK/ AV   |                                     |               |                         |                                  |                   |         |
| 1       | 2389.67         | PK       | 32.58                               | 6.74          | 27.20                   | 66.52                            | 74                | PASS    |
| 1       | 2390.00         | AV       | 10.71                               | 6.74          | 27.20                   | 44.65                            | 54                | PASS    |
| 13      | 2483.50         | PK       | 29.50                               | 6.74          | 27.20                   | 63.44                            | 74                | PASS    |
| 13      | 2483.50         | AV       | 11.36                               | 6.74          | 27.20                   | 45.30                            | 54                | PASS    |



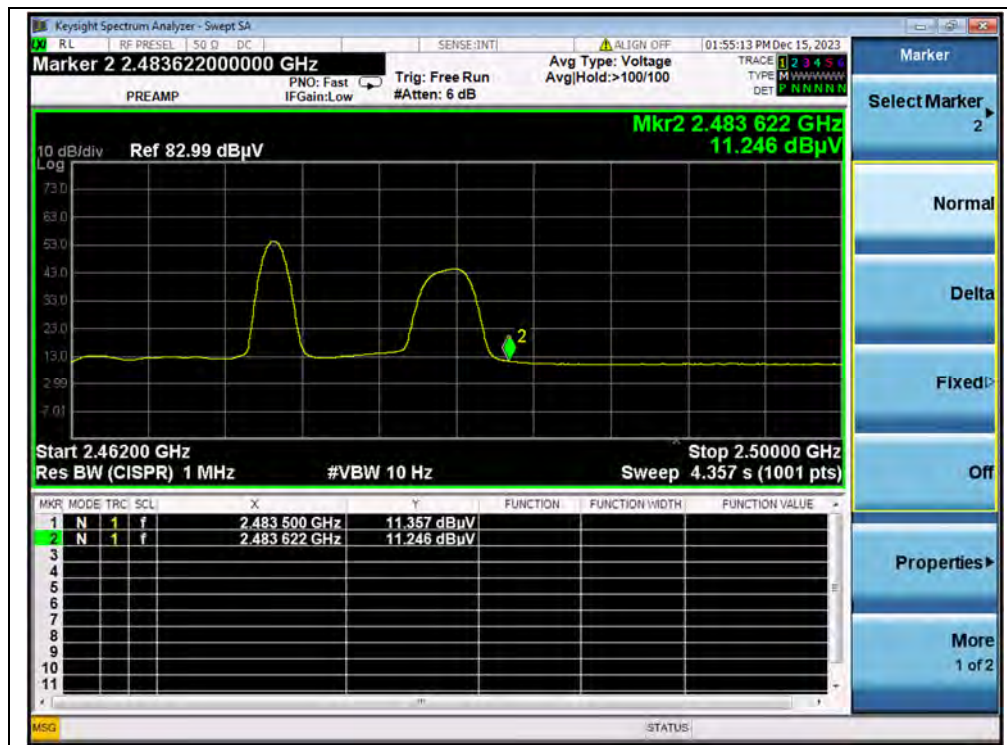
(PEAK, Channel 1, 802.11ax (HEW20) RU26)



(AVERAGE, Channel 1, 802.11ax (HEW20) RU26)



(PEAK, Channel 13, 802.11ax (HEW20) RU26)



(AVERAGE, Channel 13, 802.11ax (HEW20) RU26)

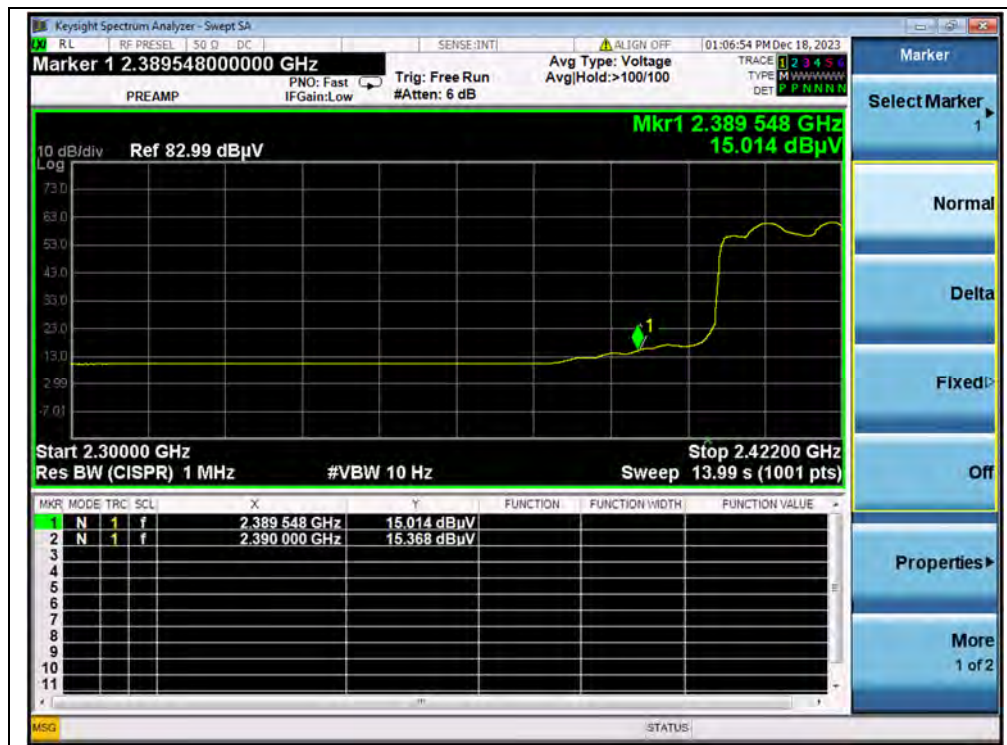


**802.11ax (HEW40) Mode**

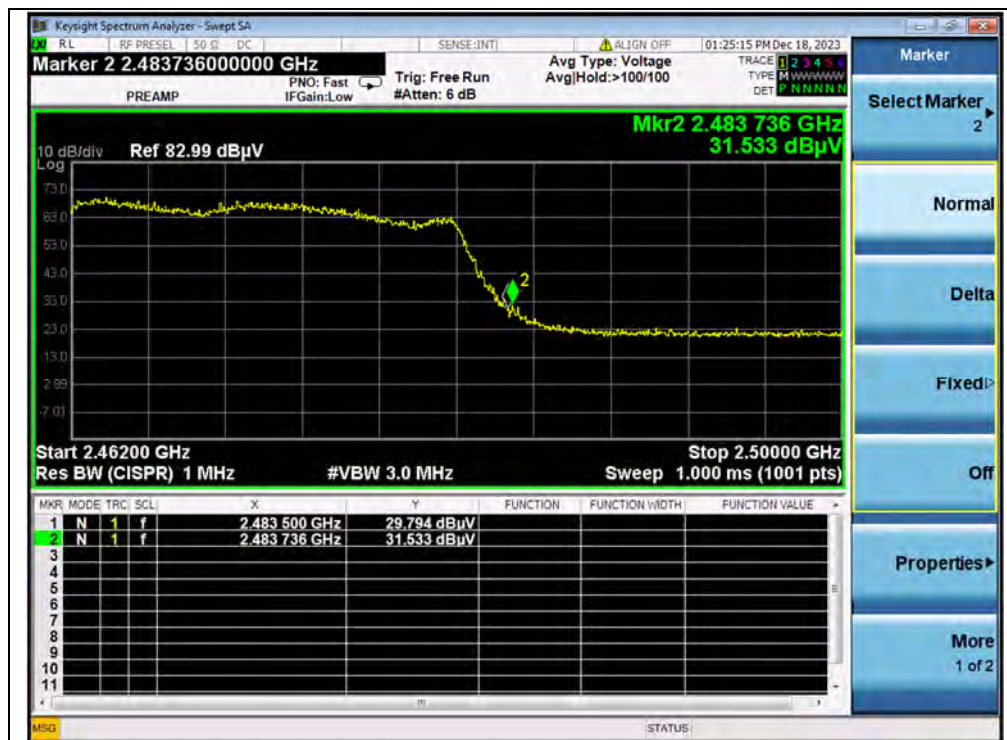
| Channel | Frequency (MHz) | Detector | Receiver Reading<br>$U_R$<br>(dBμV) | $A_T$<br>(dB) | $A_{Factor}$<br>(dB@3m) | Max. Emission<br>$E$<br>(dBμV/m) | Limit<br>(dBμV/m) | Verdict |
|---------|-----------------|----------|-------------------------------------|---------------|-------------------------|----------------------------------|-------------------|---------|
|         |                 | PK/ AV   |                                     |               |                         |                                  |                   |         |
| 3       | 2388.08         | PK       | 28.03                               | 6.74          | 27.20                   | 61.97                            | 74                | PASS    |
| 3       | 2390.00         | AV       | 15.37                               | 6.74          | 27.20                   | 49.31                            | 54                | PASS    |
| 11      | 2483.74         | PK       | 31.63                               | 6.74          | 27.20                   | 65.57                            | 74                | PASS    |
| 11      | 2483.50         | AV       | 16.40                               | 6.74          | 27.20                   | 50.34                            | 54                | PASS    |



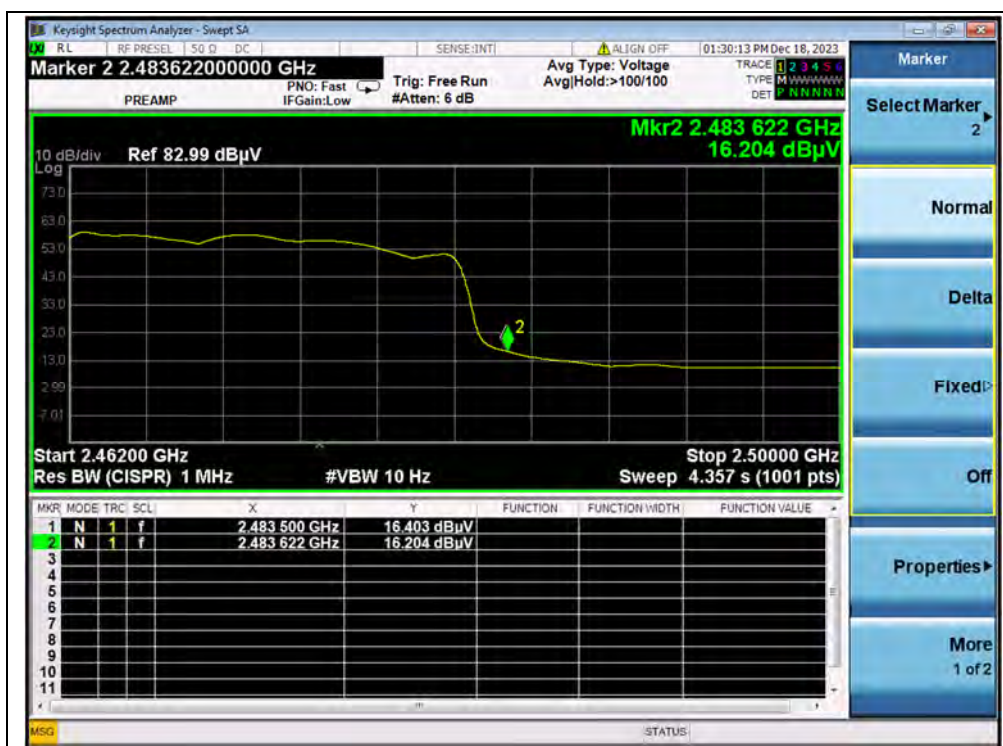
(PEAK, Channel 3, 802.11ax (HEW40))



(AVERAGE, Channel 3, 802.11ax (HEW40))



(PEAK, Channel 11, 802.11ax (HEW40))



(AVERAGE, Channel 11, 802.11ax (HEW40))



#### A.10. Radiated Emission

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$$E [\text{dB}\mu\text{V/m}] = U_R + A_T + A_{\text{Factor}} [\text{dB}]; A_T = L_{\text{Cable loss}} [\text{dB}] - G_{\text{preamp}} [\text{dB}]$$

$A_T$ : Total correction Factor except Antenna

$U_R$ : Receiver Reading

$G_{\text{preamp}}$ : Preamplifier Gain

$A_{\text{Factor}}$ : Antenna Factor at 3m

During the test, the total correction Factor  $A_T$  and  $A_{\text{Factor}}$  were built in test software.

**Note1:** All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

**Note2:** For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

**Note3:** For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

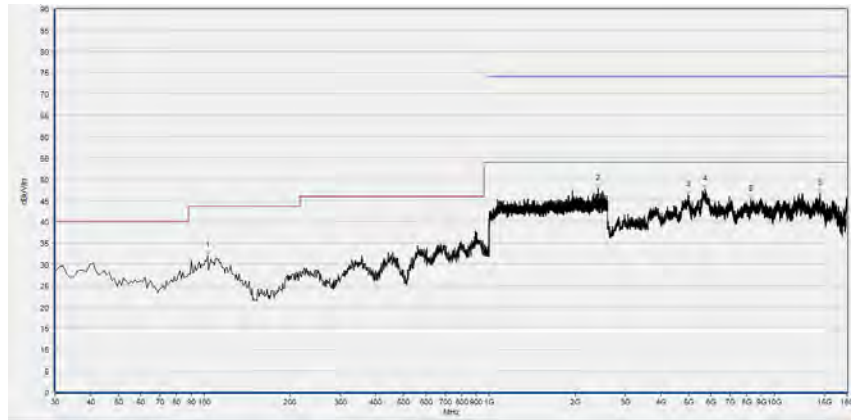
Field strength of fundamental:

| Frequency (MHz) | Reading_Peak (dB $\mu$ V/m) | Antenna Factor (dB) | Path Loss (dB) | Final_Peak (dB $\mu$ V/m) | Antenna Polarity |
|-----------------|-----------------------------|---------------------|----------------|---------------------------|------------------|
| 2422.00         | 72.00                       | 27.20               | 6.74           | 105.94                    | Horizontal       |

The field strength (the lowest) of fundamenta is more than 20dB higher than the unwanted emissions, in accordance with FCC part 15.215(b).

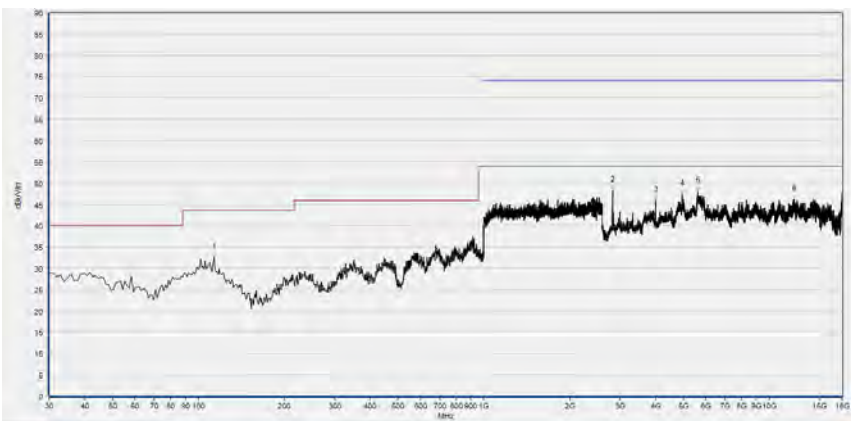
**802.11b Mode**

## Plot for Channel 1



| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna    | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|------------|---------|
| 102.750    | 32.01          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Horizontal | PASS    |
| 2409.600   | 47.69          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 4987.000   | 46.26          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 5720.040   | 47.53          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 8251.800   | 45.25          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |
| 14424.120  | 46.55          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)

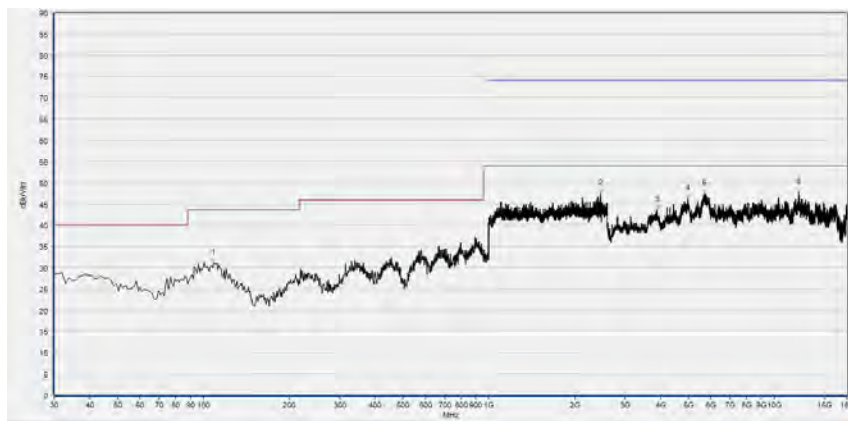


| Fre. (MHz) | PK<br>(dBμV/m) | QP<br>(dBμV/m) | AV<br>(dBμV/m) | Limit-PK<br>(dBμV/m) | Limit-QP<br>(dBμV/m) | Limit-AV<br>(dBμV/m) | Antenna  | Verdict |
|------------|----------------|----------------|----------------|----------------------|----------------------|----------------------|----------|---------|
| 113.420    | 32.59          | N/A            | N/A            | N/A                  | 43.50                | N/A                  | Vertical | PASS    |
| 2824.840   | 48.33          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Vertical | PASS    |
| 3995.240   | 45.95          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Vertical | PASS    |
| 4959.280   | 47.45          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Vertical | PASS    |
| 5609.160   | 48.16          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Vertical | PASS    |
| 12200.360  | 46.33          | N/A            | N/A            | 74.00                | N/A                  | 54.00                | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)

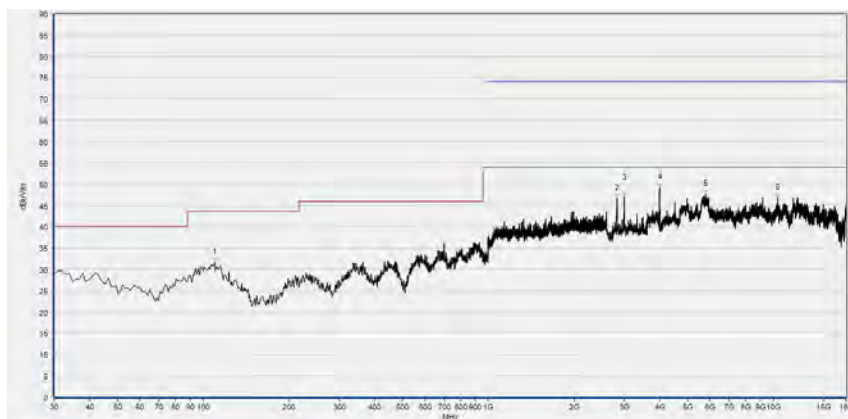


Plot for Channel 7



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna    | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|------------|---------|
| 108.570    | 31.06       | N/A         | N/A         | N/A               | 43.50             | N/A               | Horizontal | PASS    |
| 2462.933   | 47.40       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 3887.440   | 43.55       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 4993.160   | 46.18       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 5683.080   | 47.39       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |
| 12197.280  | 47.78       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Horizontal | PASS    |

(Antenna Horizontal, 30MHz to 18GHz)



| Fre. (MHz) | PK (dBμV/m) | QP (dBμV/m) | AV (dBμV/m) | Limit-PK (dBμV/m) | Limit-QP (dBμV/m) | Limit-AV (dBμV/m) | Antenna  | Verdict |
|------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|----------|---------|
| 109.540    | 31.56       | N/A         | N/A         | N/A               | 43.50             | N/A               | Vertical | PASS    |
| 2824.840   | 46.55       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3000.400   | 47.07       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 3989.080   | 49.12       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 5790.880   | 47.54       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |
| 10352.360  | 46.81       | N/A         | N/A         | 74.00             | N/A               | 54.00             | Vertical | PASS    |

(Antenna Vertical, 30MHz to 18GHz)