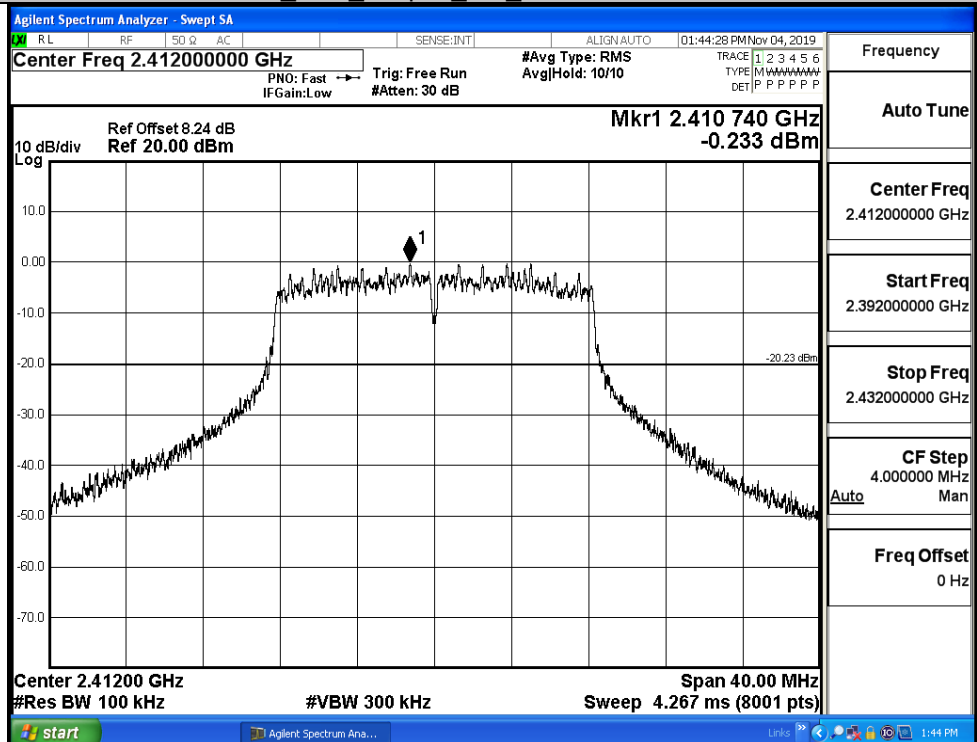
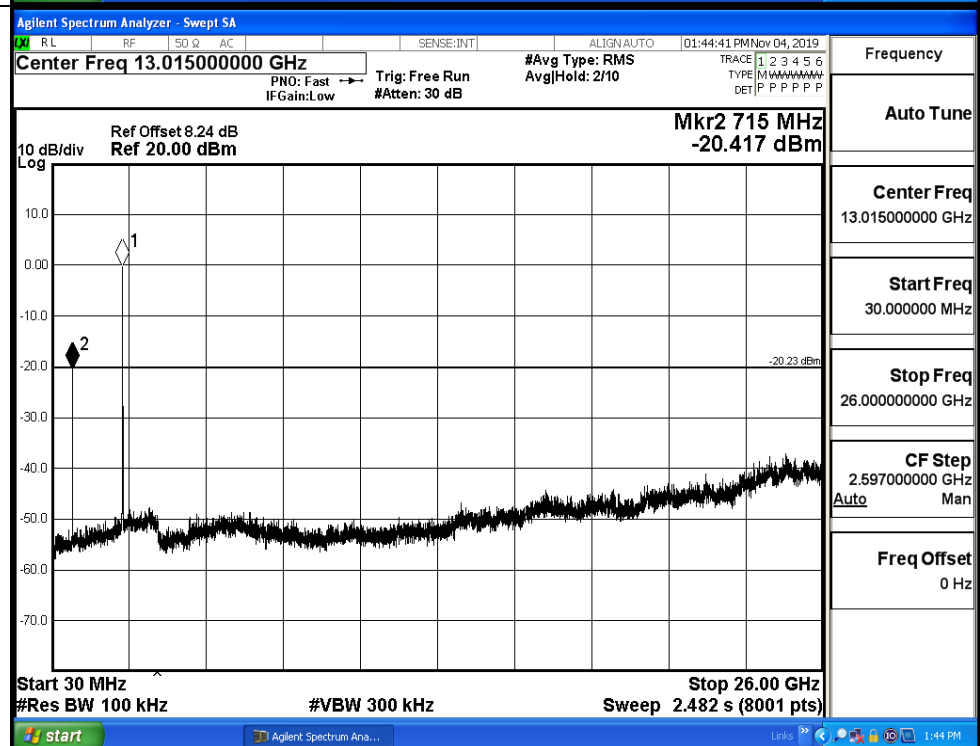


## 11G LCH Graphs Ant 1

Pref/11G/LCH

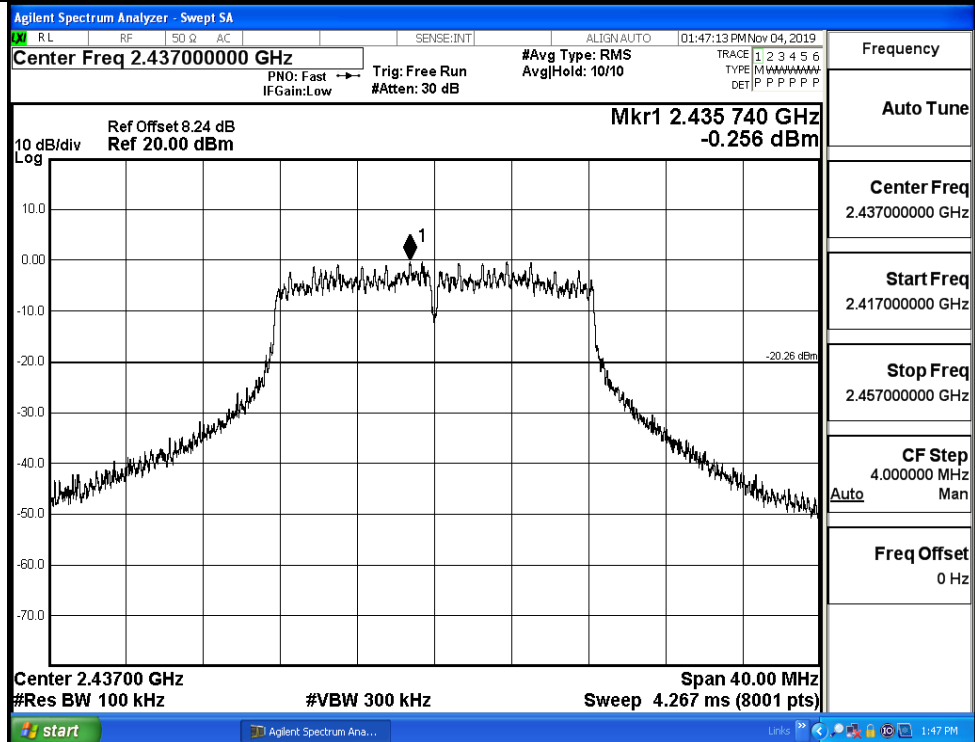


Puw/11G/LCH

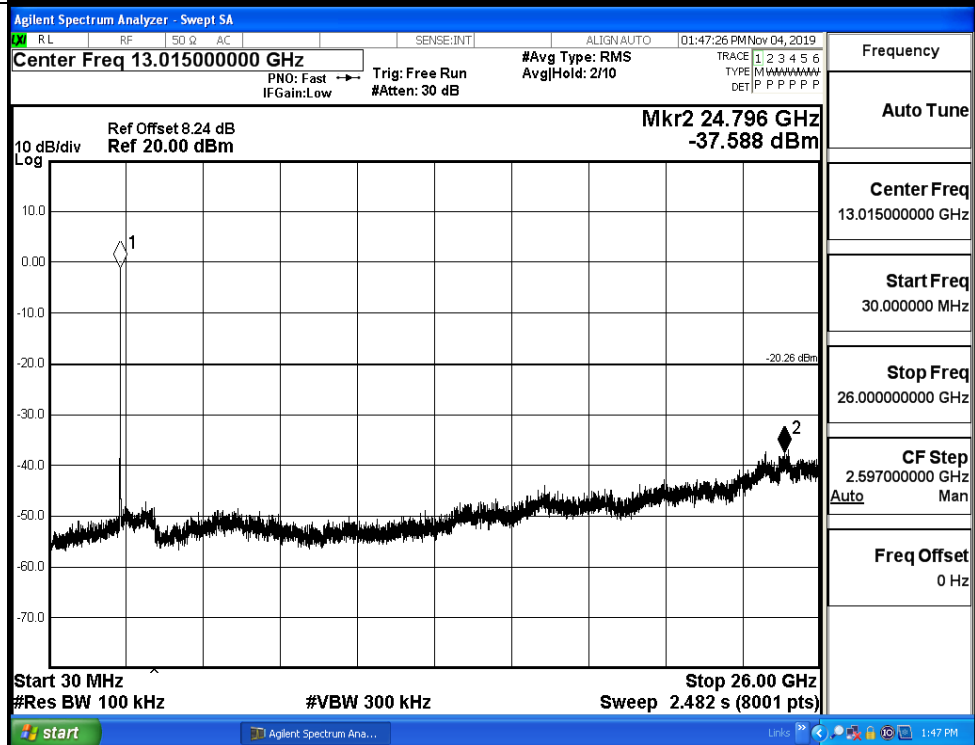


## 11G\_MCH Graphs Ant 1

Pref/11G/MCH

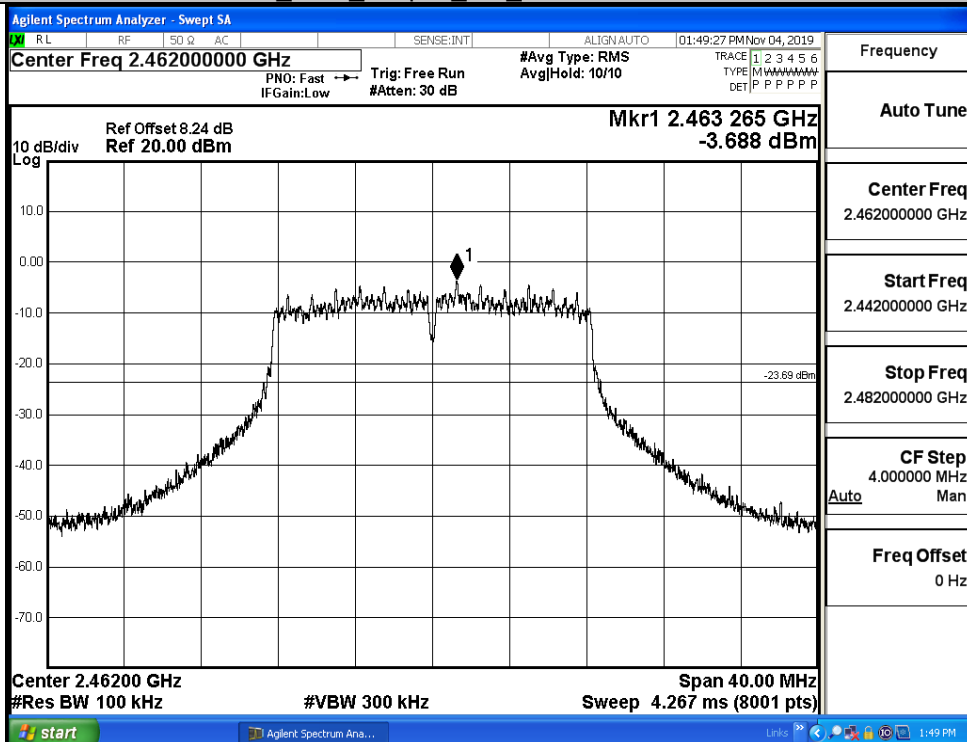


Puw/11G/MCH

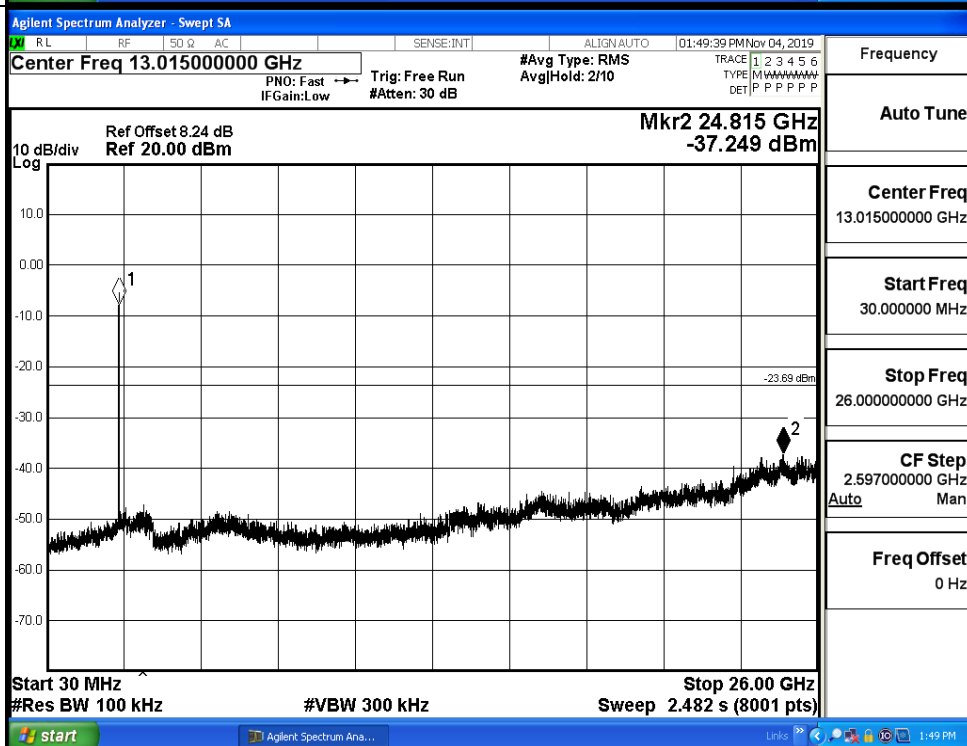


## 11G\_HCH Graphs Ant 1

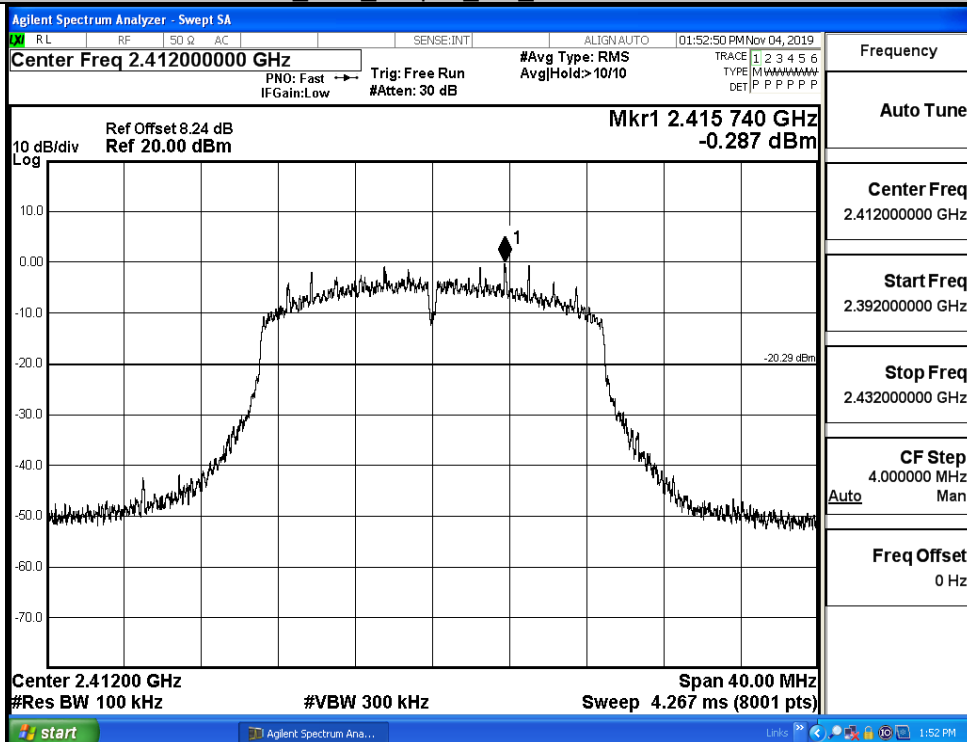
Pref/11G/HCH



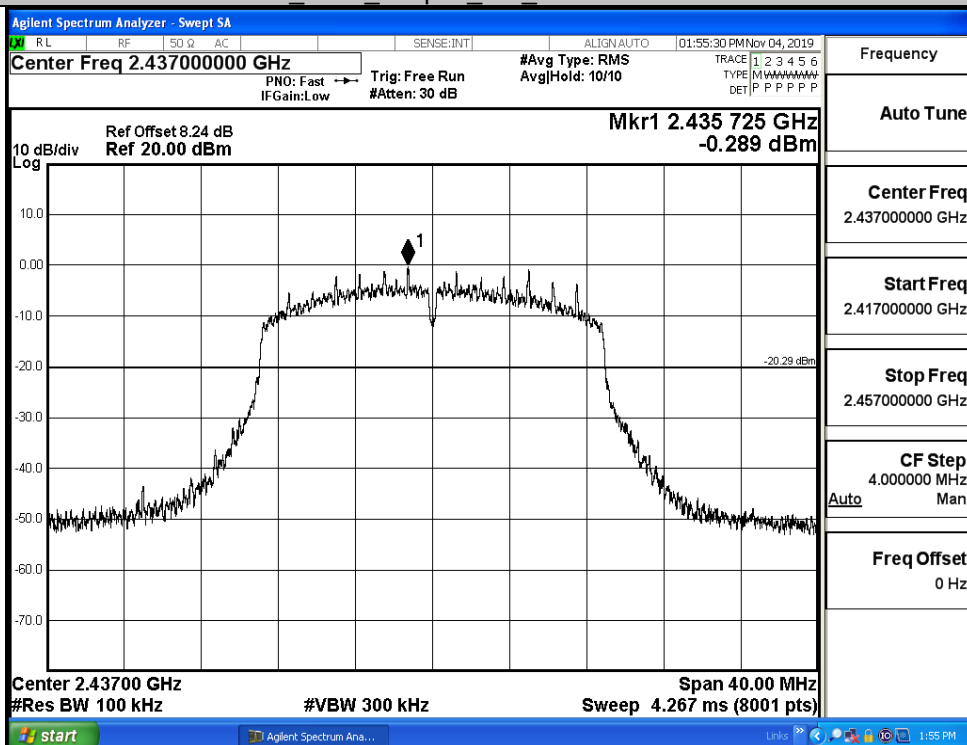
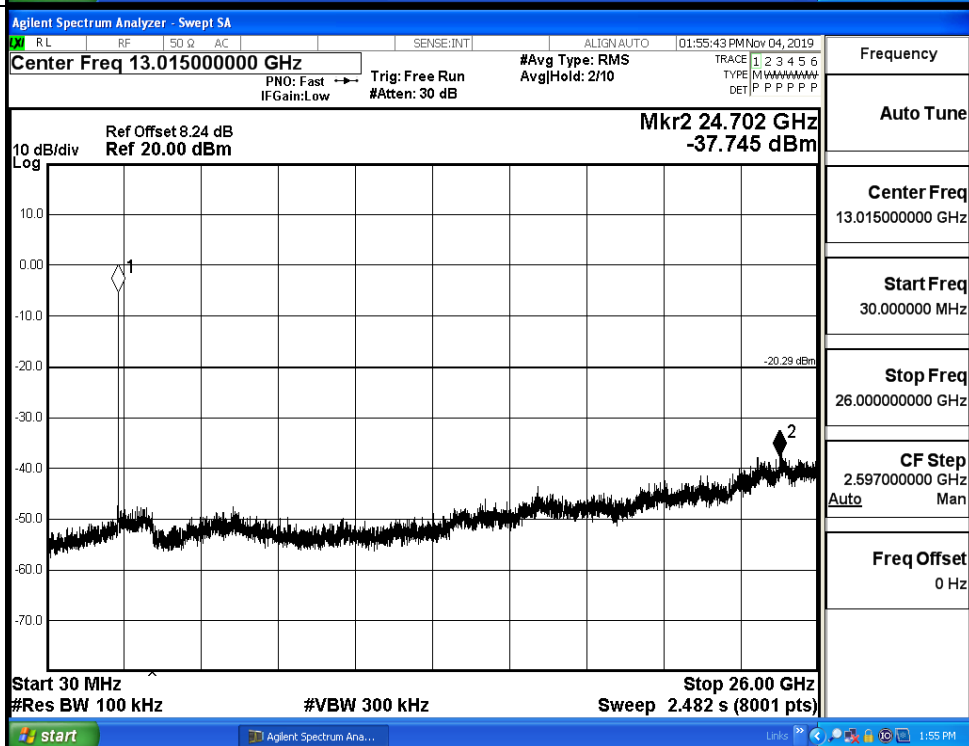
Puw/11G/HCH



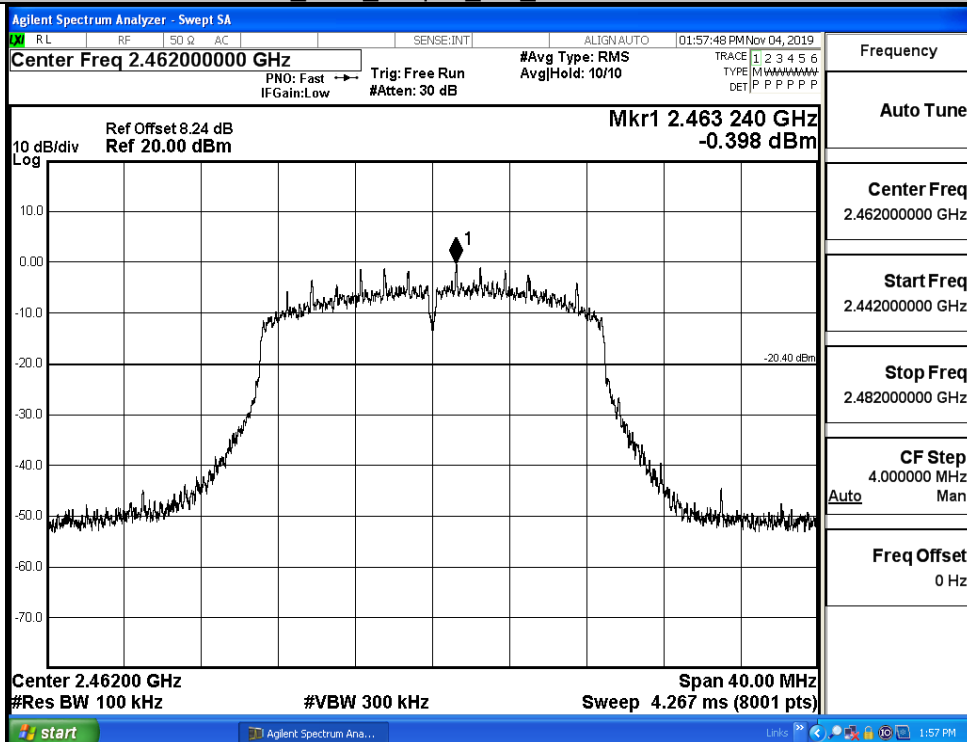
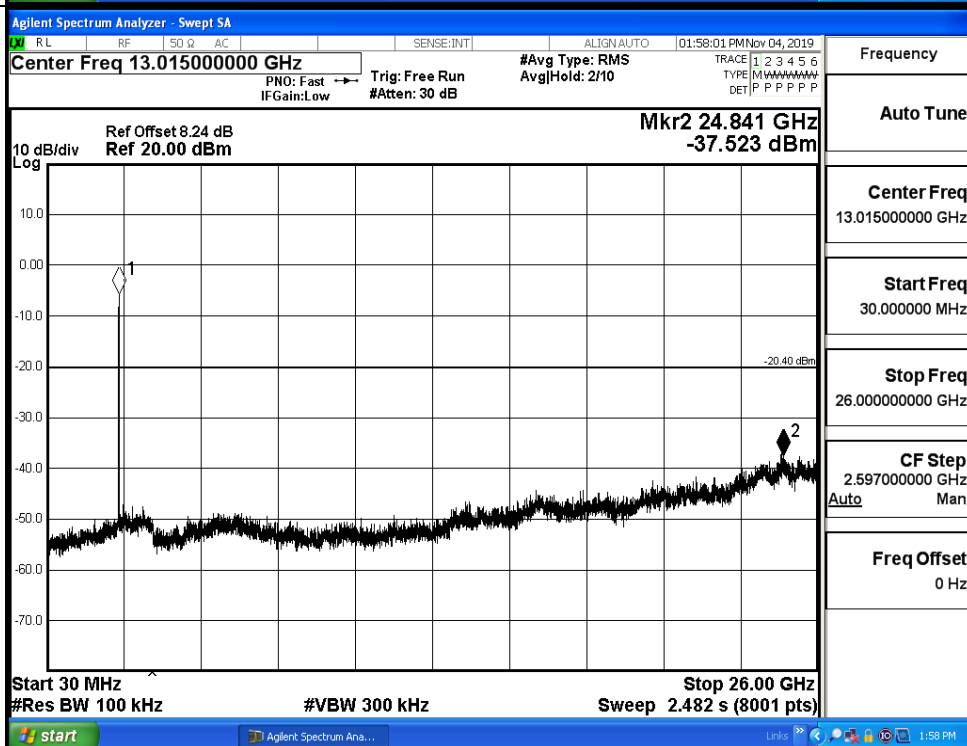
## 11N20 LCH Graphs Ant 1

Pref/11N20/  
LCHPuw/11N20/  
LCH

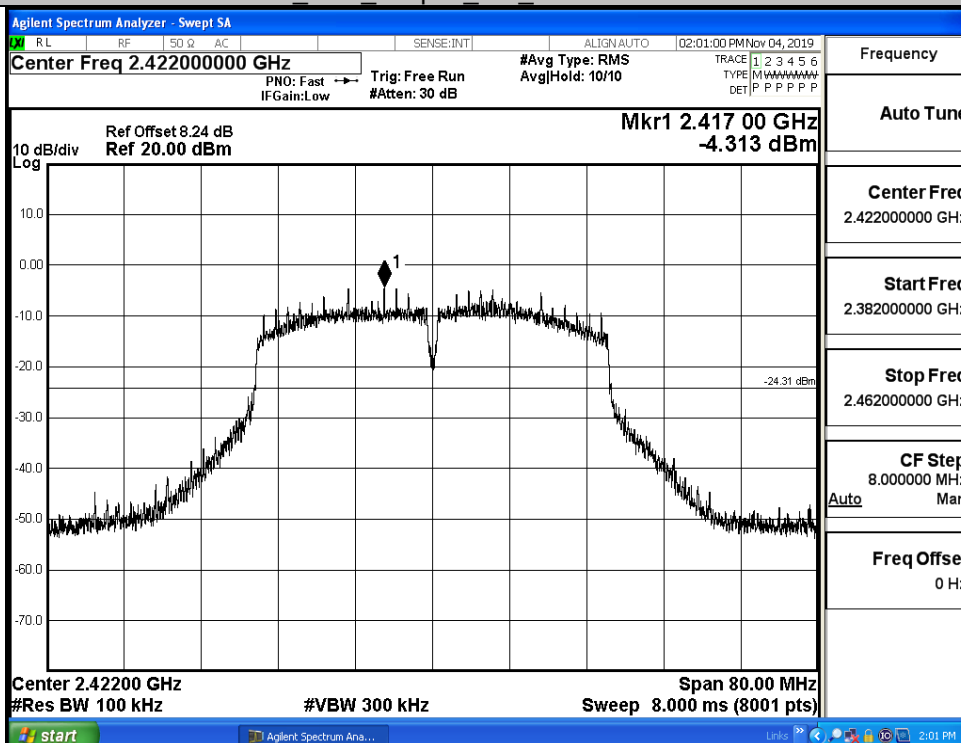
## 11N20 MCH Graphs Ant 1

Pref/11N20/  
MCHPuw/11N20/  
MCH

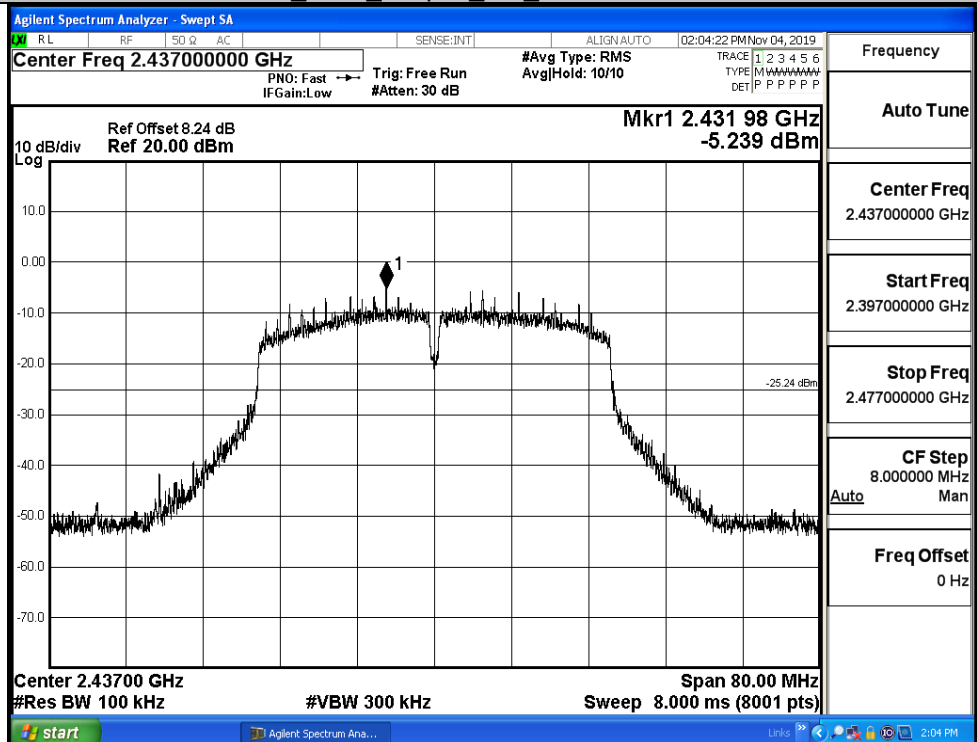
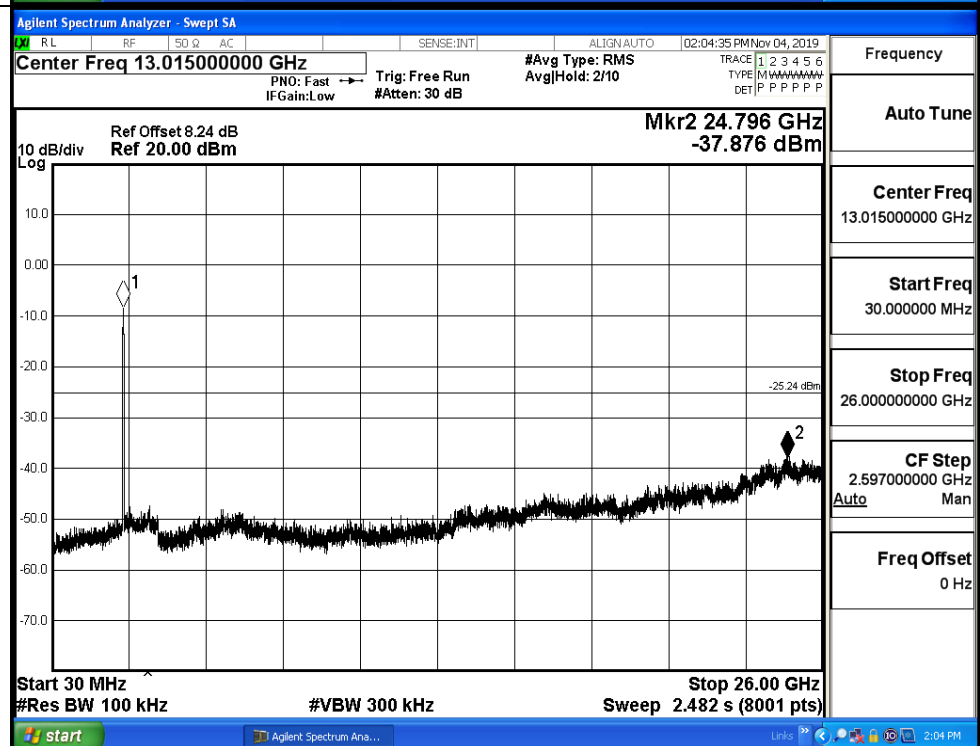
## 11N20 HCH Graphs Ant 1

Pref/11N20/  
HCHPuw/11N20/  
HCH

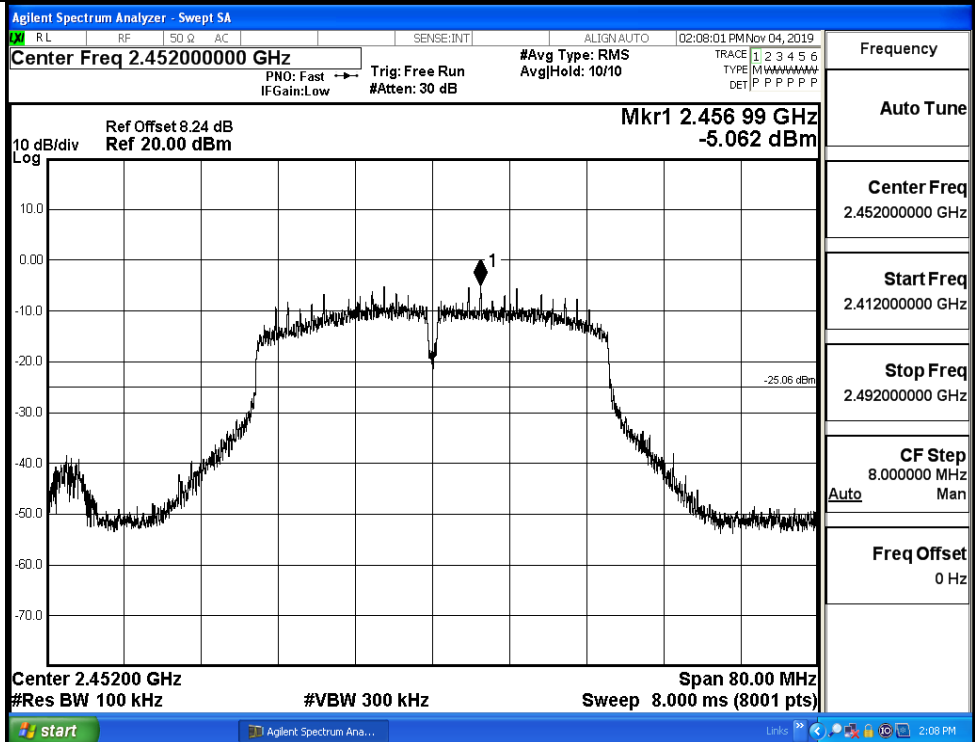
## 11N40 LCH Graphs Ant 1

Pref/11N40/  
LCHPuw/11N40/  
LCH

## 11N40 MCH Graphs Ant 1

Pref/11N40/  
MCHPuw/11N40/  
MCH

## 11N40 HCH Graphs Ant 1

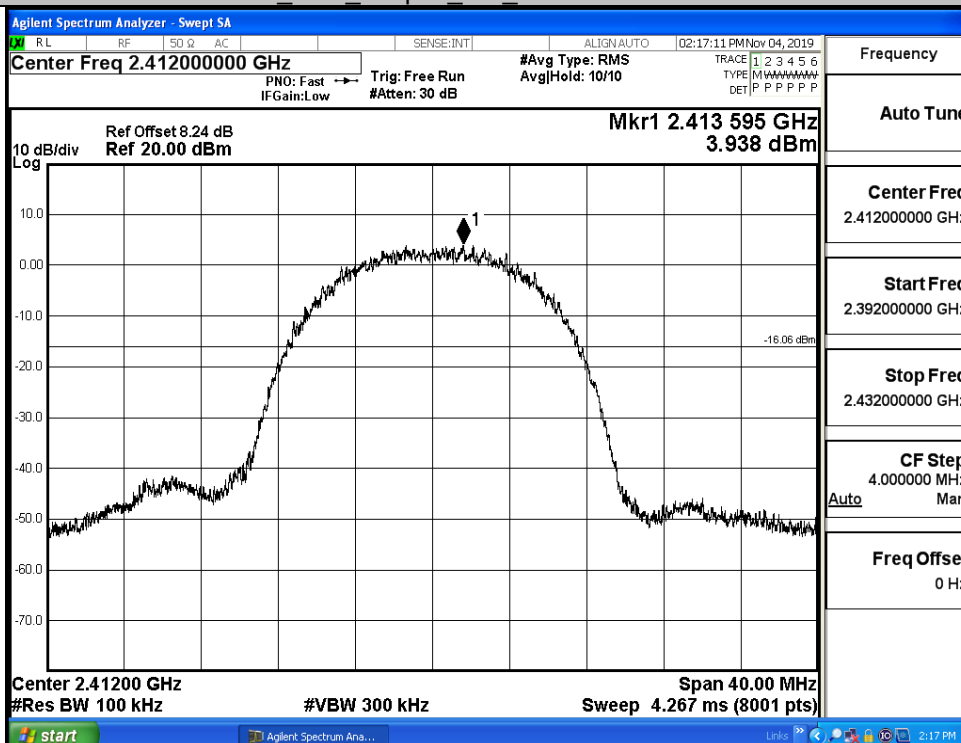
Pref/11N40/  
HCHPuw/11N40/  
HCH

**Ant 2**

| Mode  | Channel | Pref [dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|-------|---------|------------|------------------|-------------|---------|
| 11B   | LCH     | 3.938      | -37.577          | -16.062     | PASS    |
|       | MCH     | 3.798      | -37.064          | -16.202     | PASS    |
|       | HCH     | 3.395      | -37.247          | -16.605     | PASS    |
| 11G   | LCH     | -3.179     | -37.024          | -23.179     | PASS    |
|       | MCH     | -3.419     | -37.005          | -23.419     | PASS    |
|       | HCH     | -3.654     | -37.033          | -23.654     | PASS    |
| 11N20 | LCH     | -0.079     | -37.184          | -20.079     | PASS    |
|       | MCH     | -1.681     | -37.198          | -21.681     | PASS    |
|       | HCH     | -0.648     | -37.823          | -20.648     | PASS    |
| 11N40 | LCH     | -5.084     | -36.870          | -25.084     | PASS    |
|       | MCH     | -5.444     | -37.378          | -25.444     | PASS    |
|       | HCH     | -5.341     | -37.673          | -25.341     | PASS    |

## 11B LCH Graphs Ant 2

Pref/11B/LCH

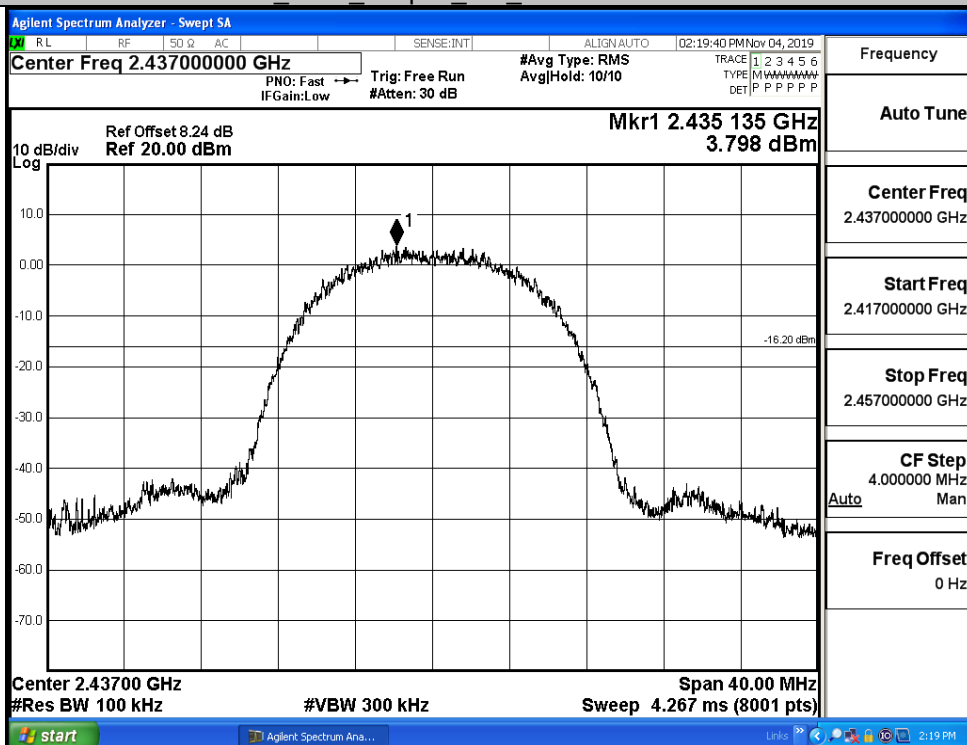


Puw/11B/LCH

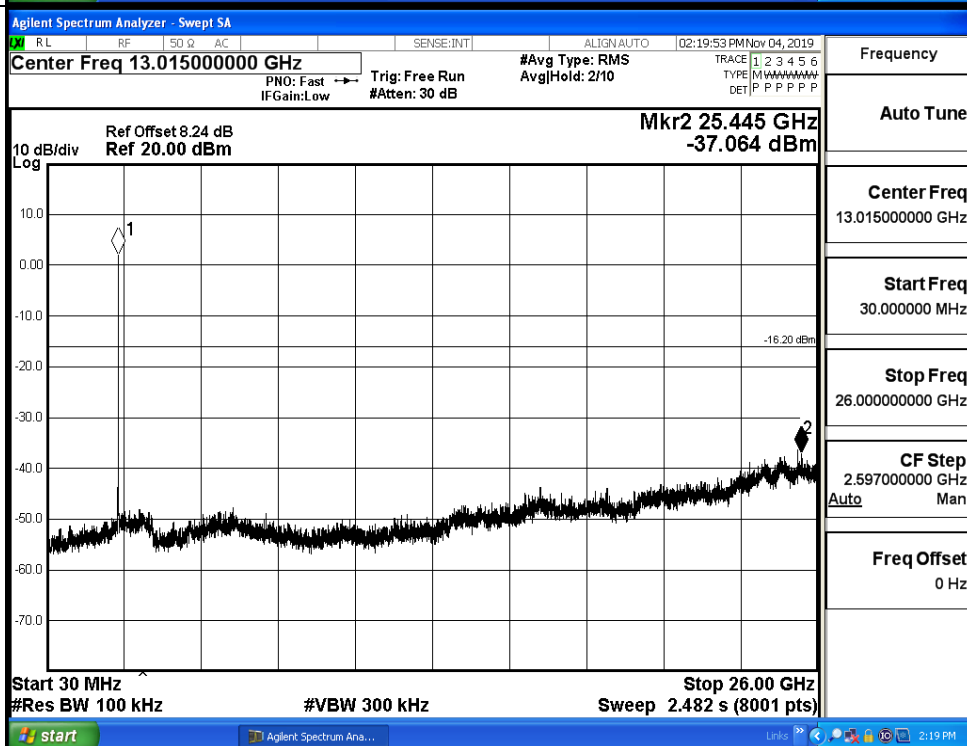


## 11B MCH Graphs Ant 2

Pref/11B/MCH

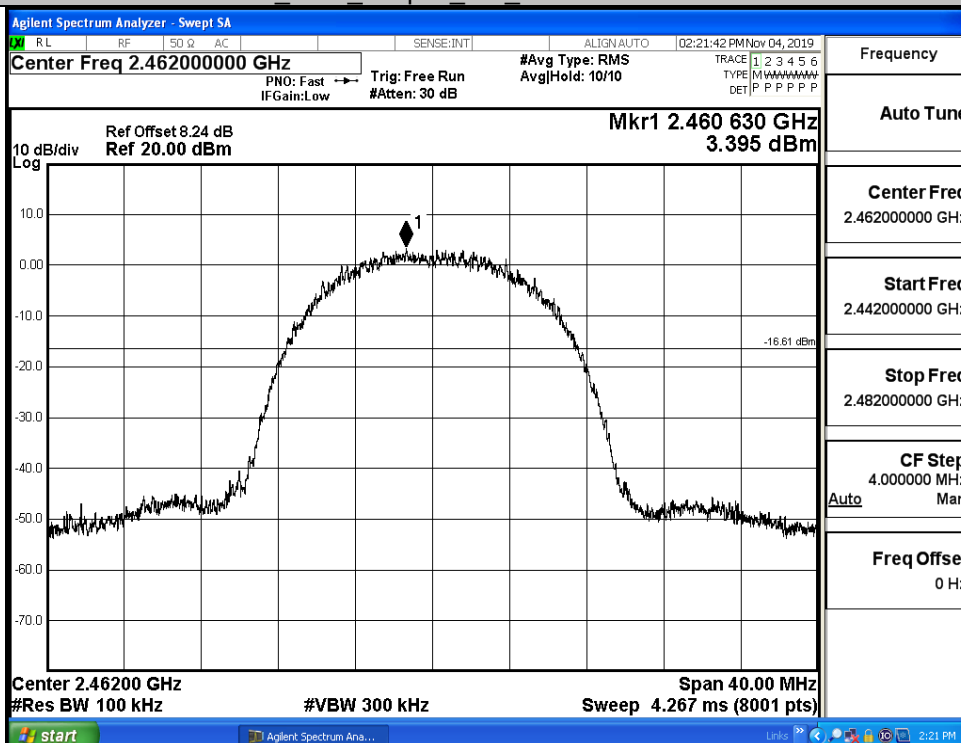


Puw/11B/MCH



## 11B\_HCH Graphs Ant 2

Pref/11B/HCH

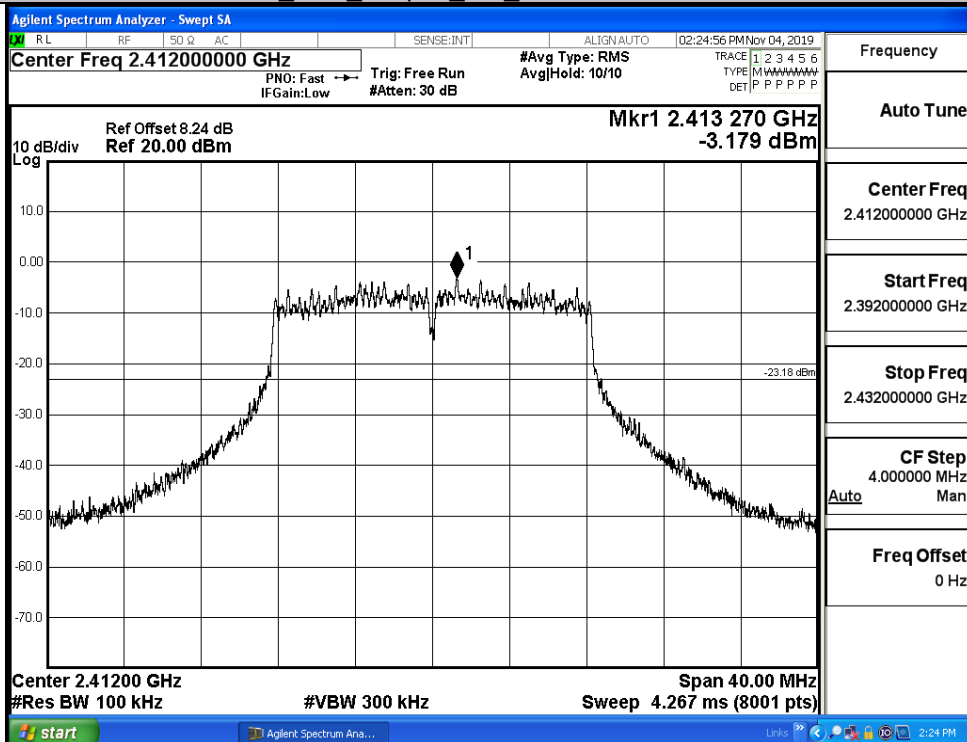


Puw/11B/HCH

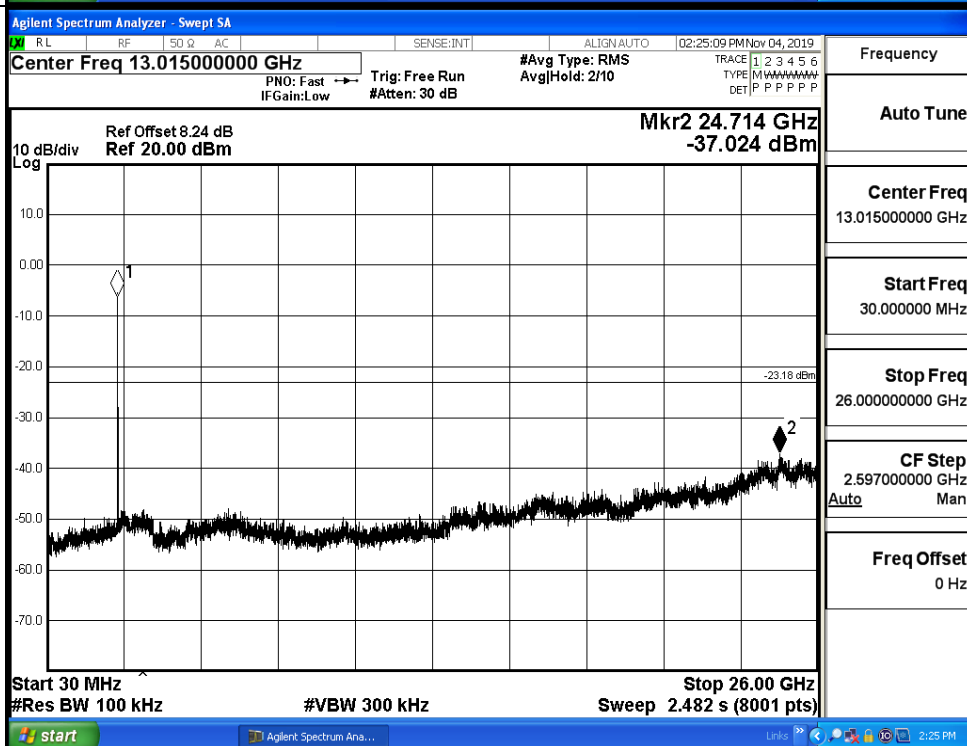


## 11G LCH Graphs Ant 2

Pref/11G/LCH

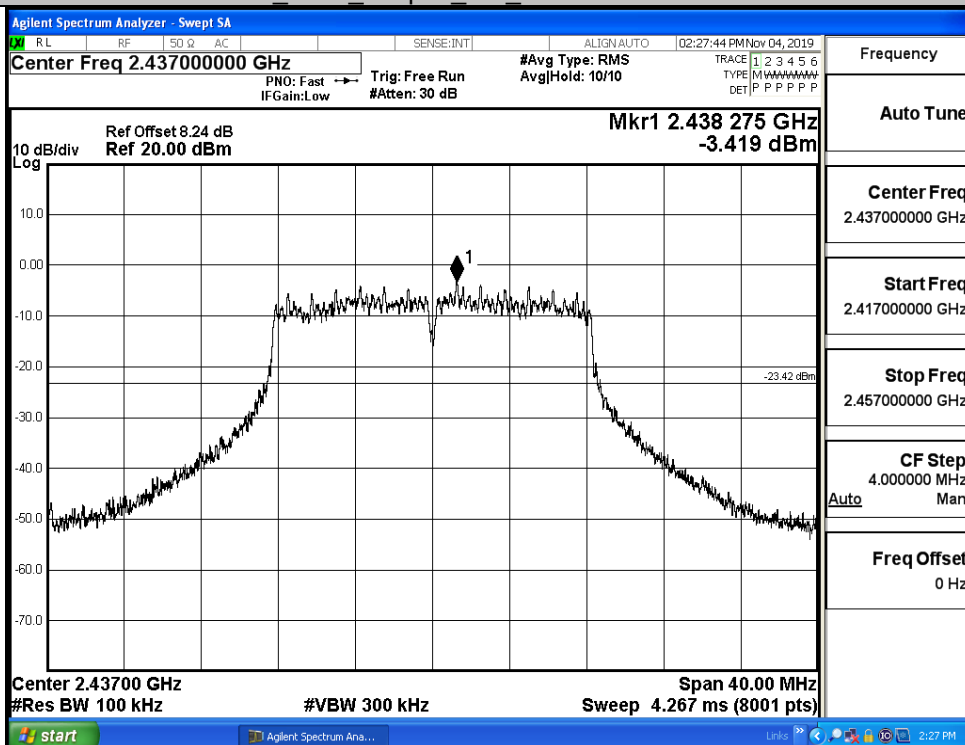


Puw/11G/LCH



## 11G\_MCH Graphs Ant 2

Pref/11G/MCH

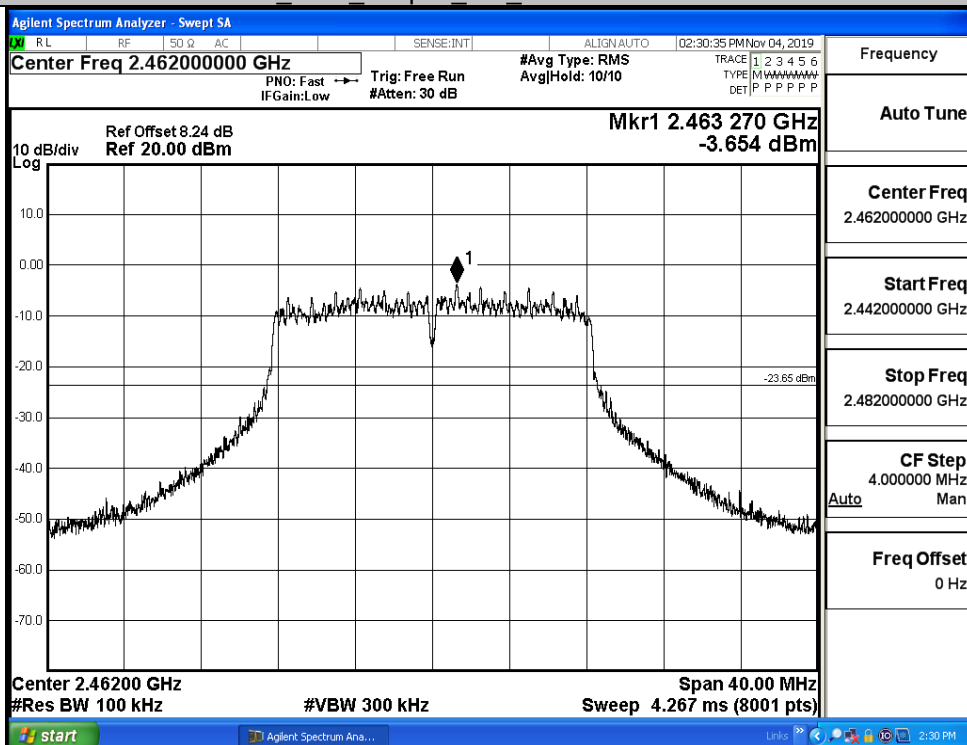


Puw/11G/MCH

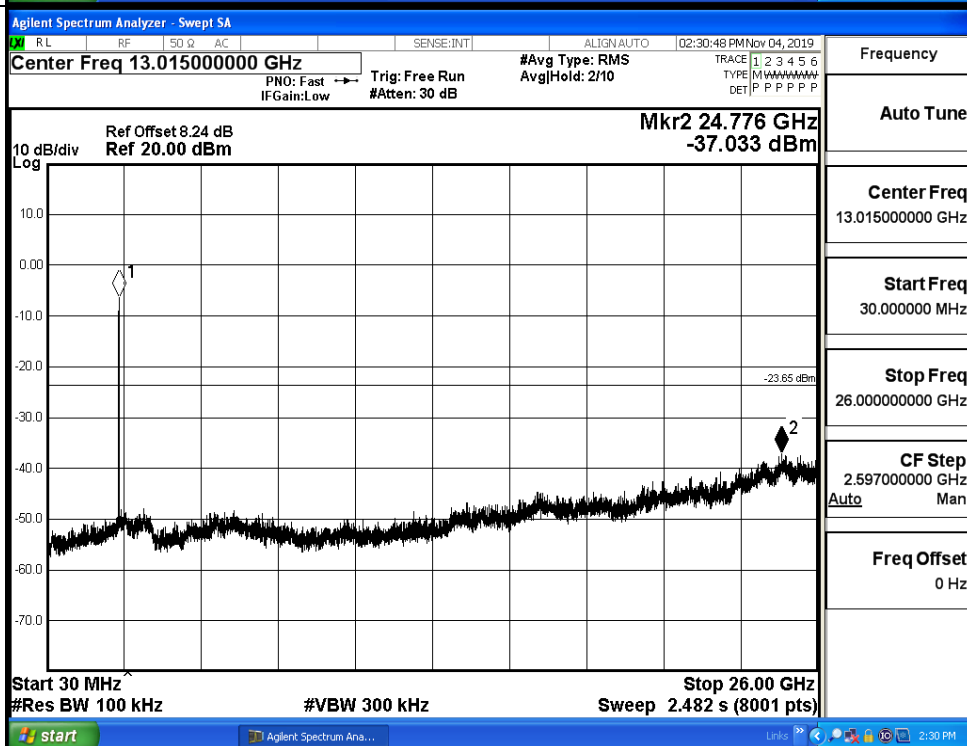


## 11G HCH Graphs Ant 2

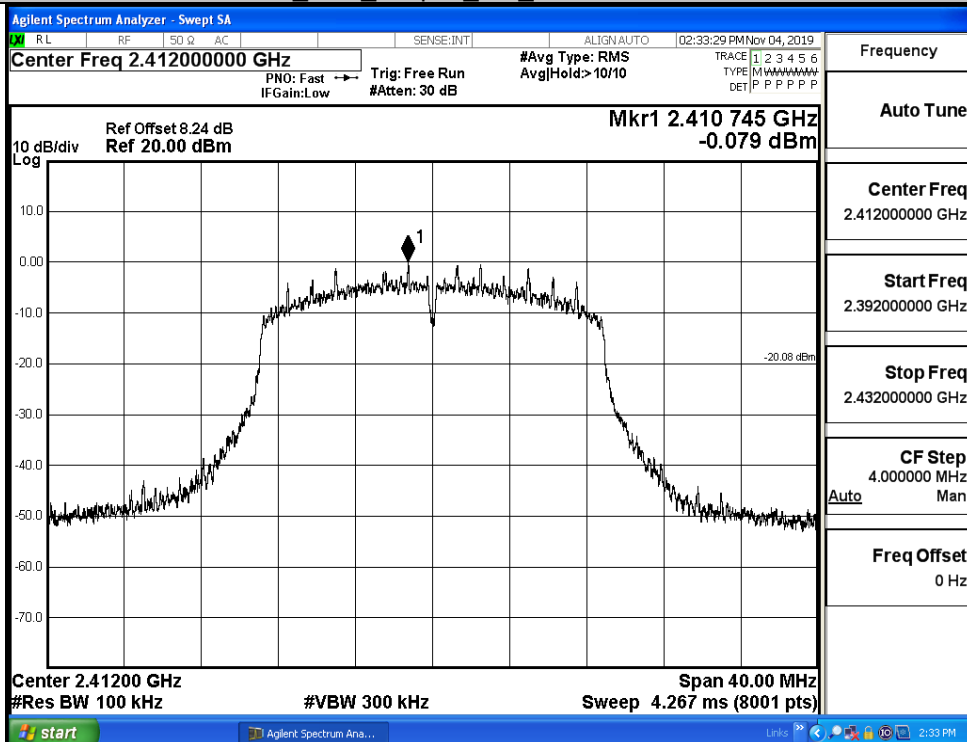
Pref/11G/HCH



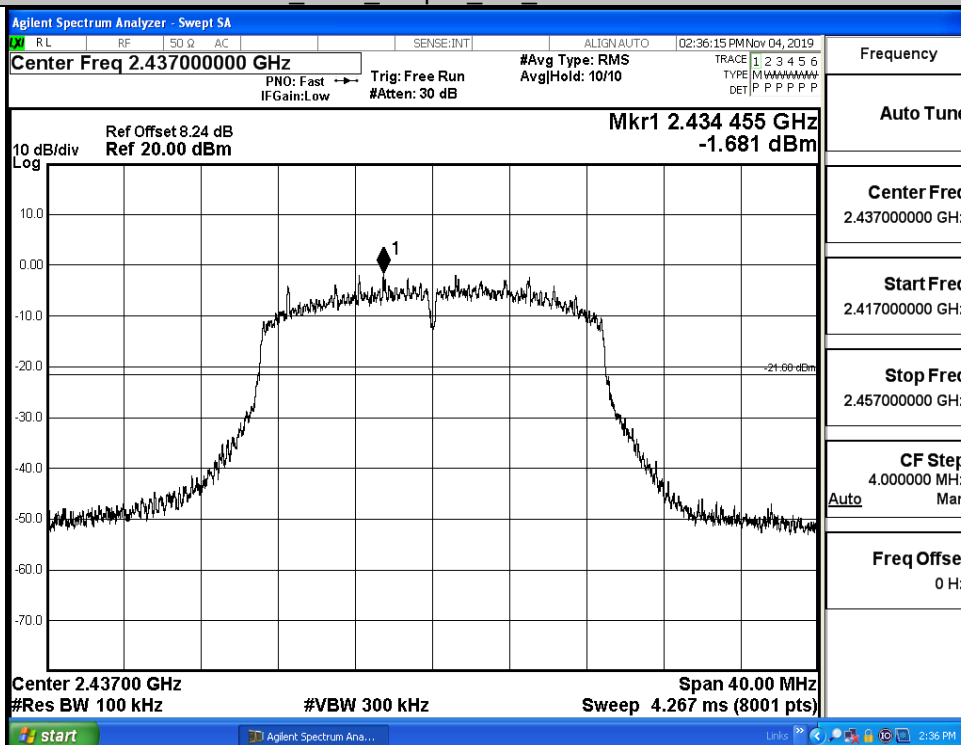
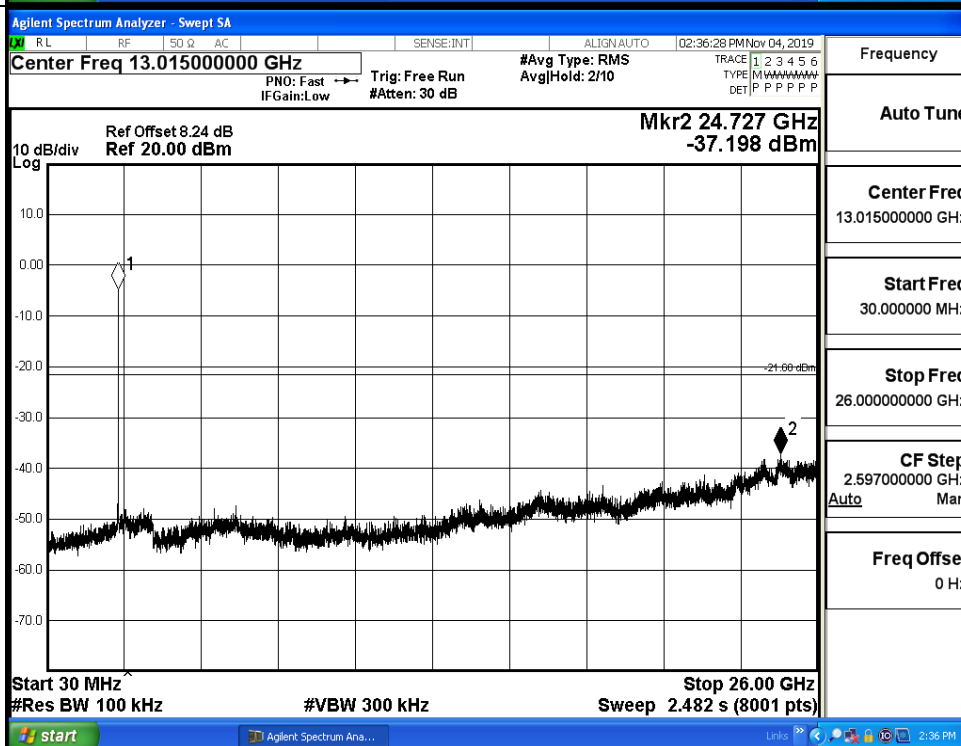
Puw/11G/HCH



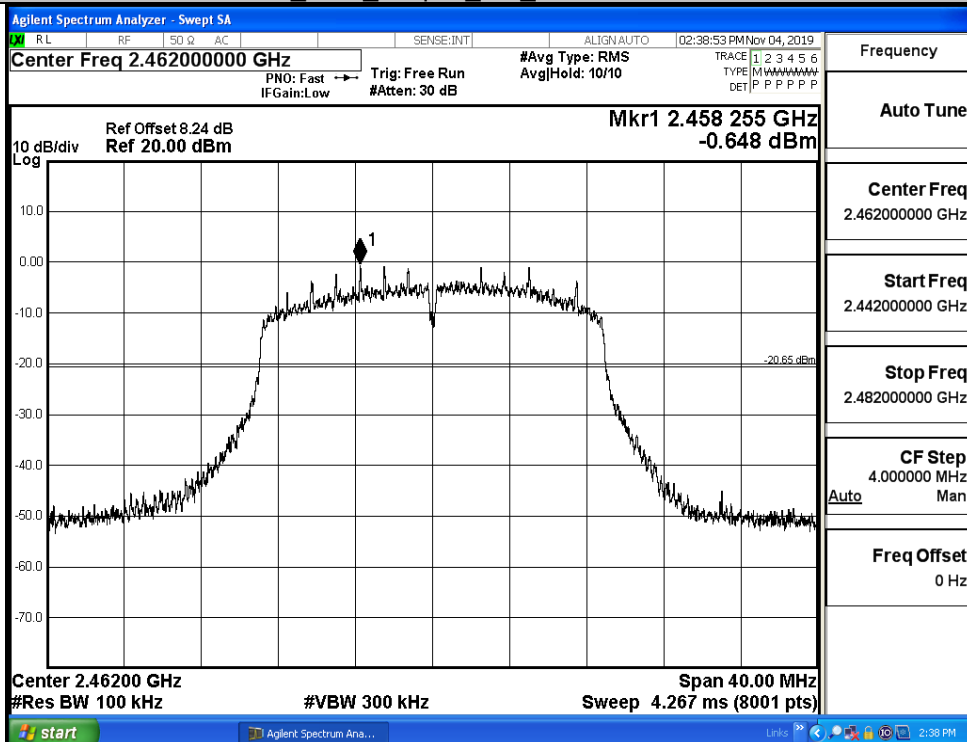
## 11N20 LCH Graphs Ant 2

Pref/11N20/  
LCHPuw/11N20/  
LCH

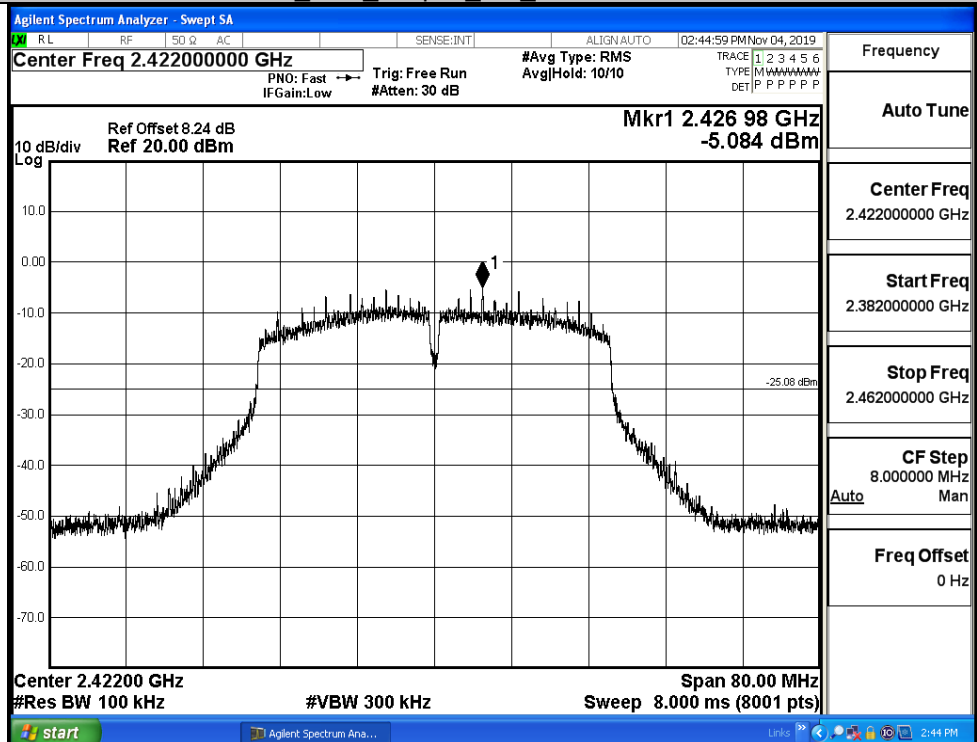
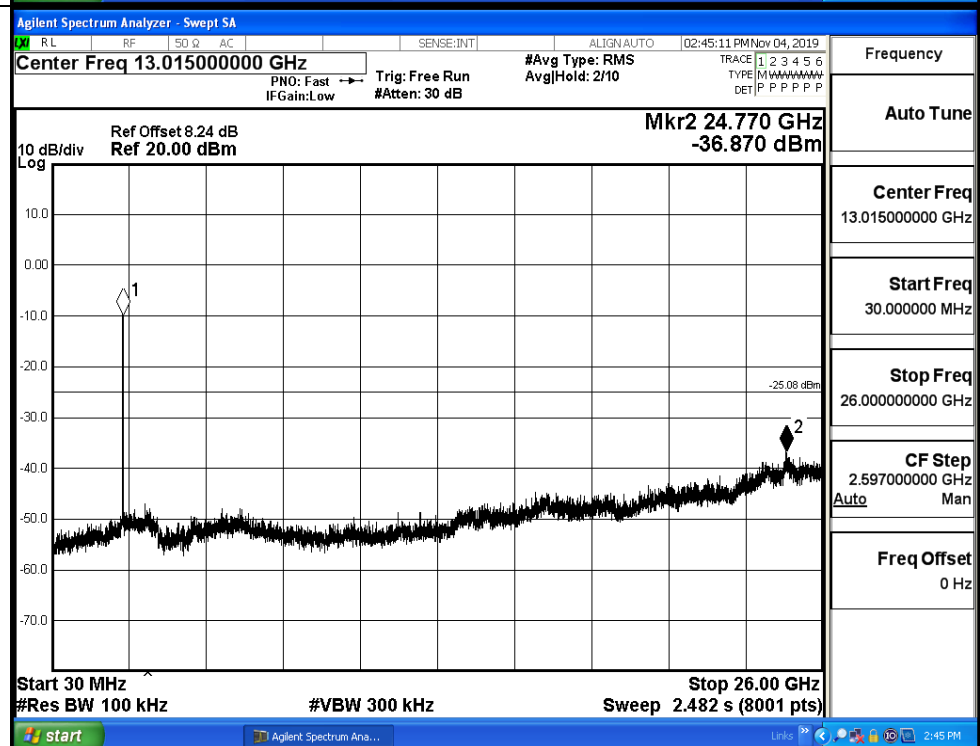
## 11N20 MCH Graphs Ant 2

Pref/11N20/  
MCHPuw/11N20/  
MCH

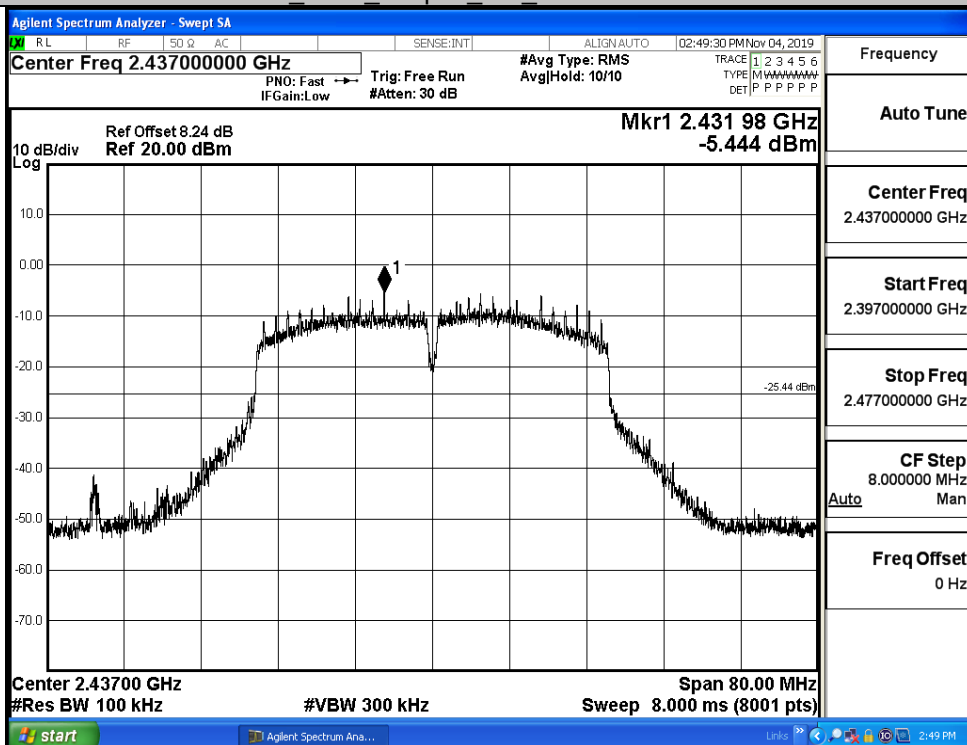
## 11N20 HCH Graphs Ant 2

Pref/11N20/  
HCHPuw/11N20/  
HCH

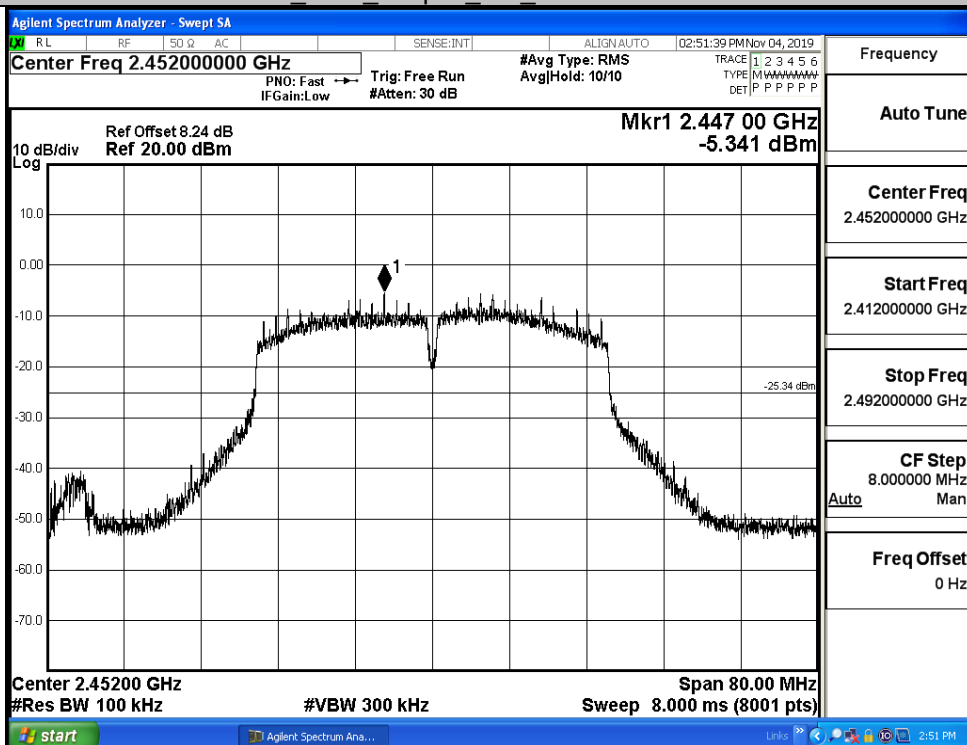
## 11N40 LCH Graphs Ant 2

Pref/11N40/  
LCHPuw/11N40/  
LCH

## 11N40 MCH Graphs Ant 2

Pref/11N40/  
MCHPuw/11N40/  
MCH

## 11N40 HCH Graphs Ant 2

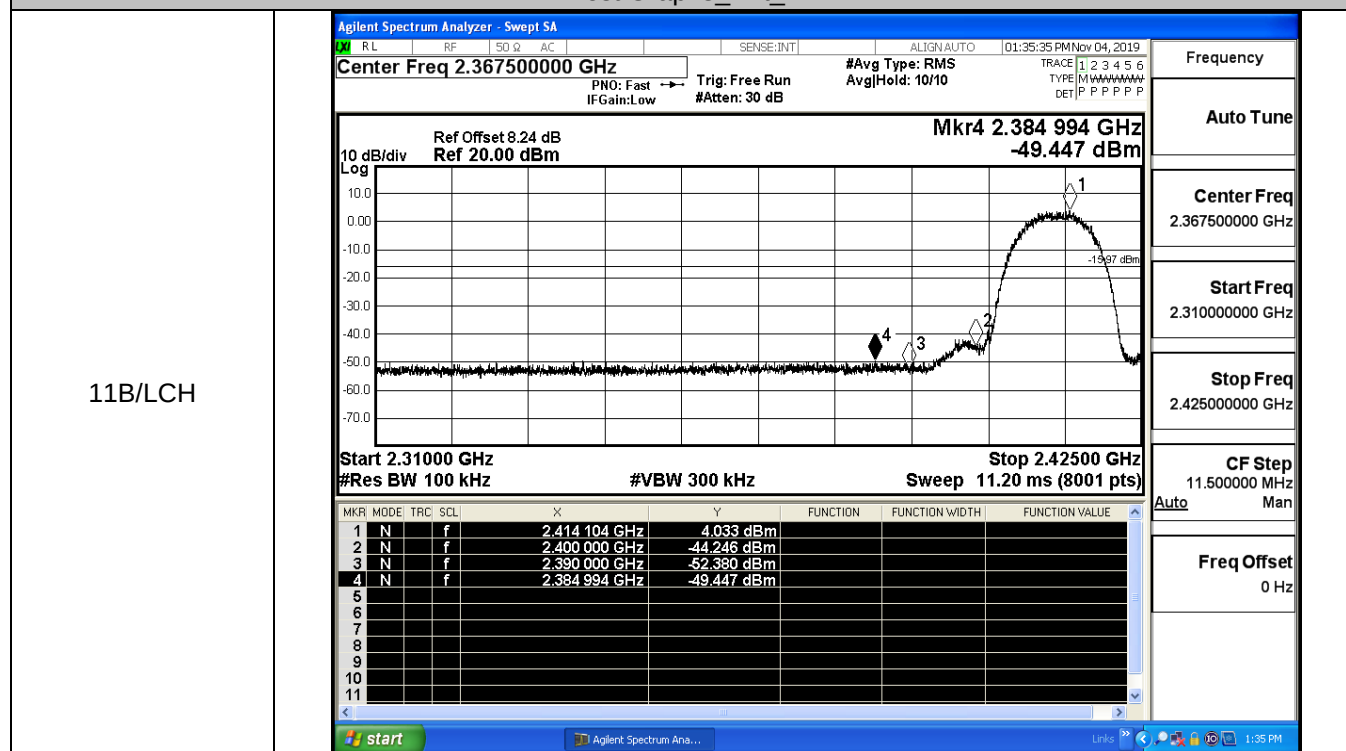
Pref/11N40/  
HCHPuw/11N40/  
HCH

## A.6 Band-edge for RF Conducted Emissions

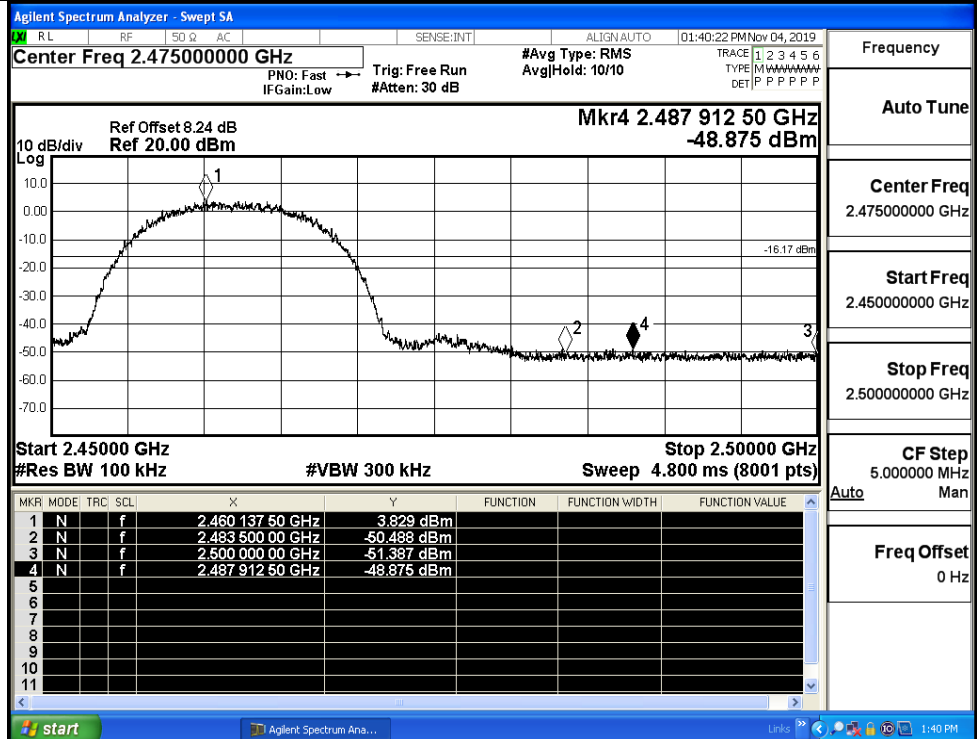
## Ant\_1

| Mode  | Channel | Carrier Power[dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|-------|---------|--------------------|--------------------------|-------------|---------|
| 11B   | LCH     | 4.033              | -49.447                  | -15.97      | PASS    |
|       | HCH     | 3.829              | -48.875                  | -16.17      | PASS    |
| 11G   | LCH     | -0.246             | -48.563                  | -20.25      | PASS    |
|       | HCH     | -3.613             | -48.389                  | -23.61      | PASS    |
| 11N20 | LCH     | -0.203             | -49.523                  | -20.2       | PASS    |
|       | HCH     | -0.883             | -48.509                  | -20.88      | PASS    |
| 11N40 | LCH     | -5.124             | -46.327                  | -25.12      | PASS    |
|       | HCH     | -5.011             | -48.397                  | -25.01      | PASS    |

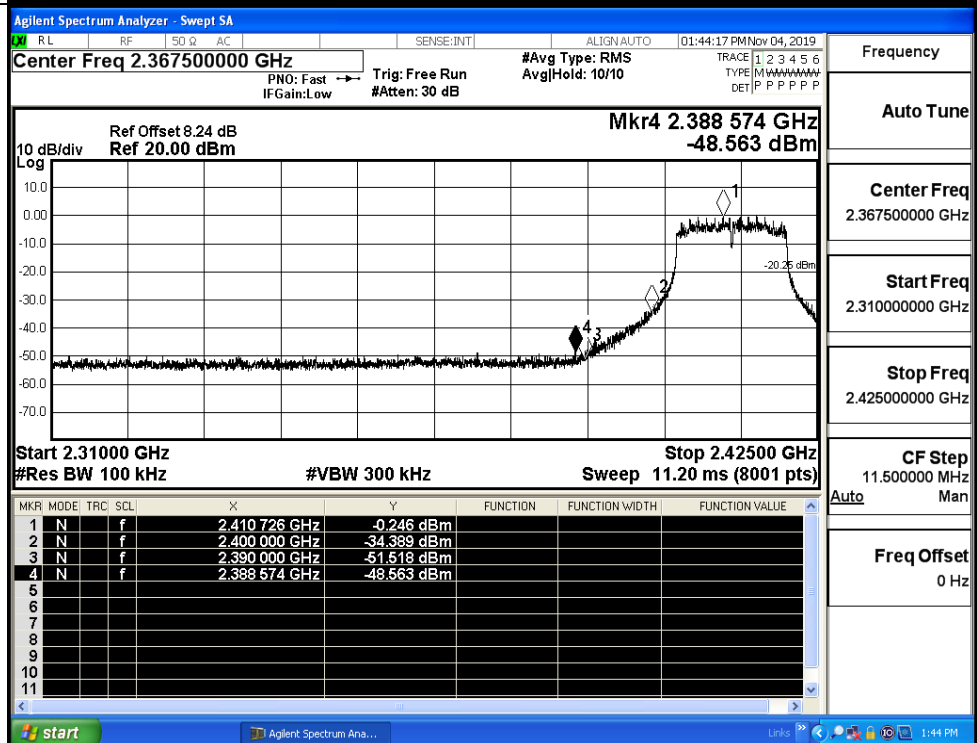
Test Graphs\_Ant\_1



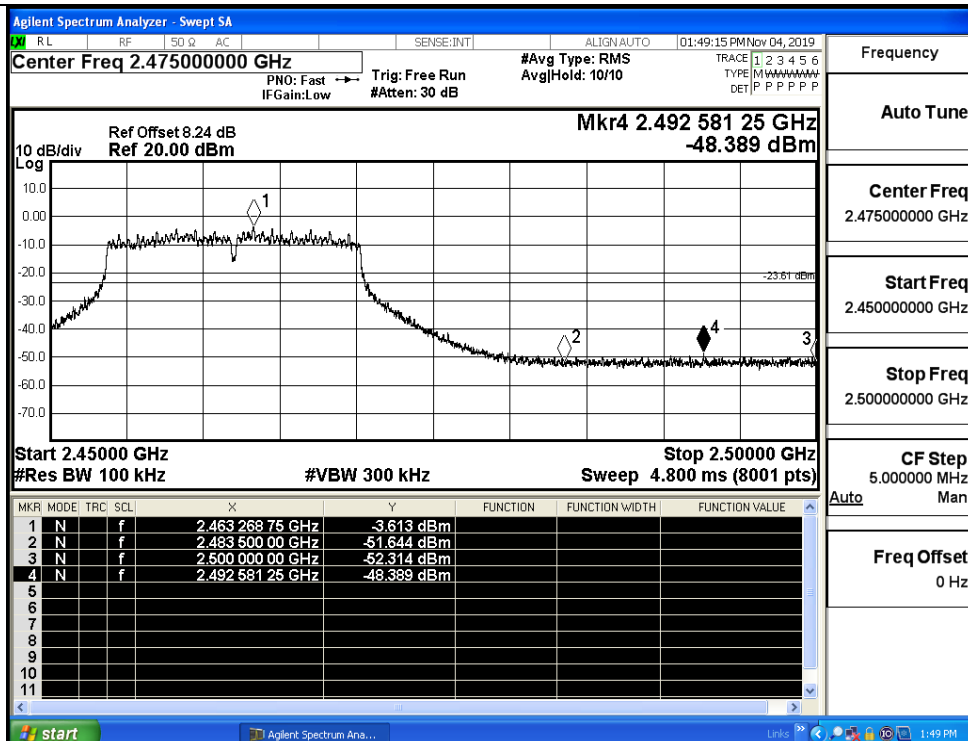
11B/HCH



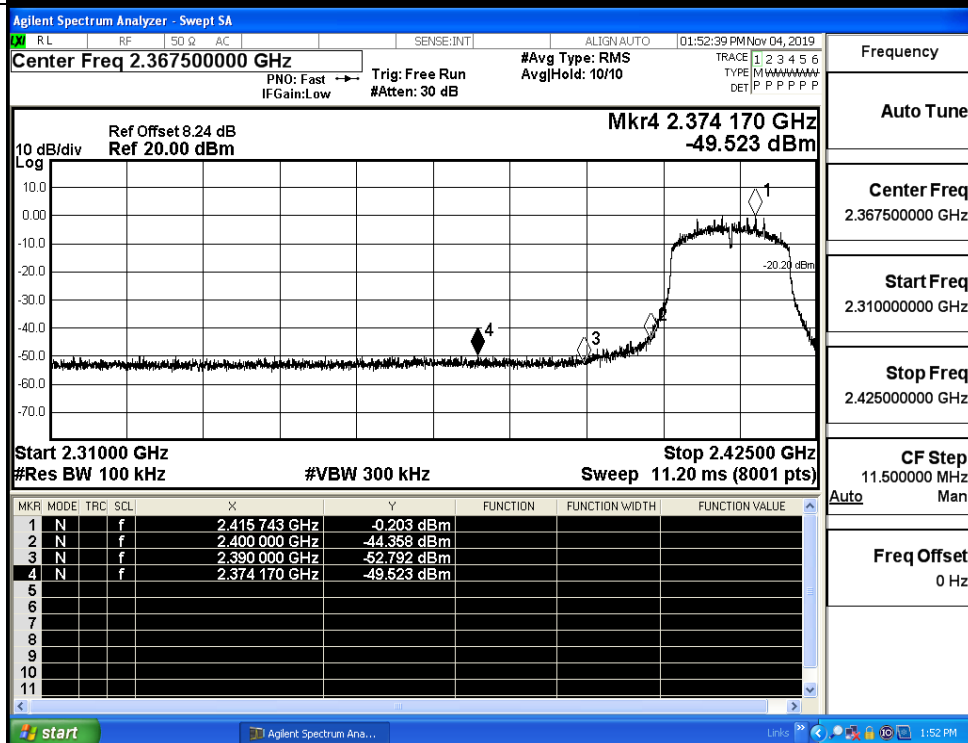
11G/LCH



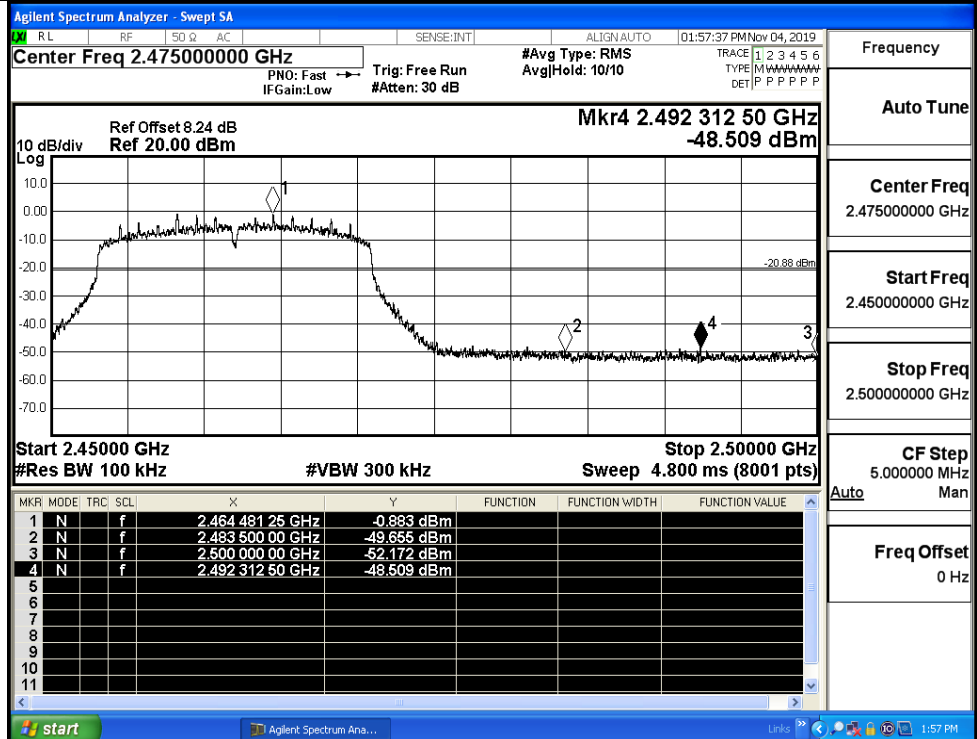
11G/HCH



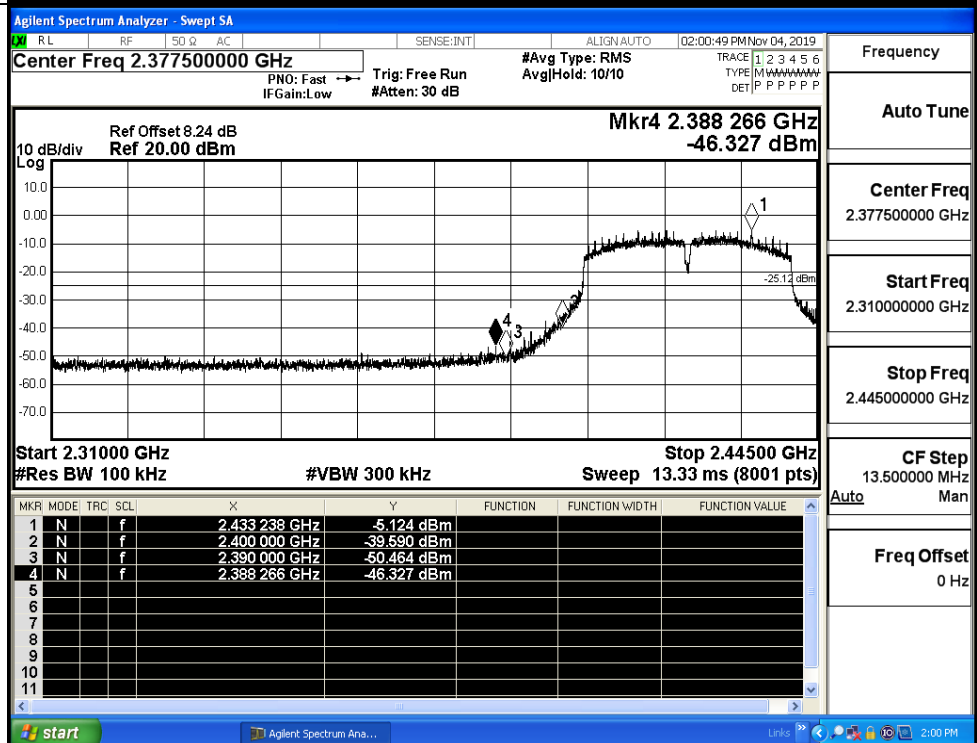
11N20/LCH



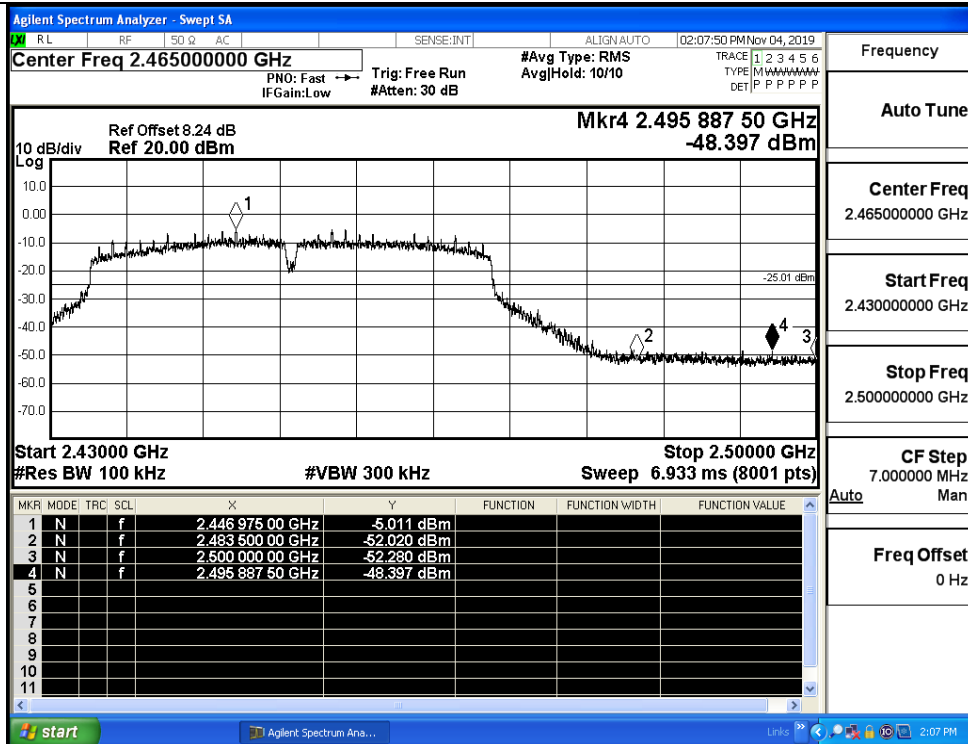
11N20/HCH



11N40/LCH



11N40/HCH

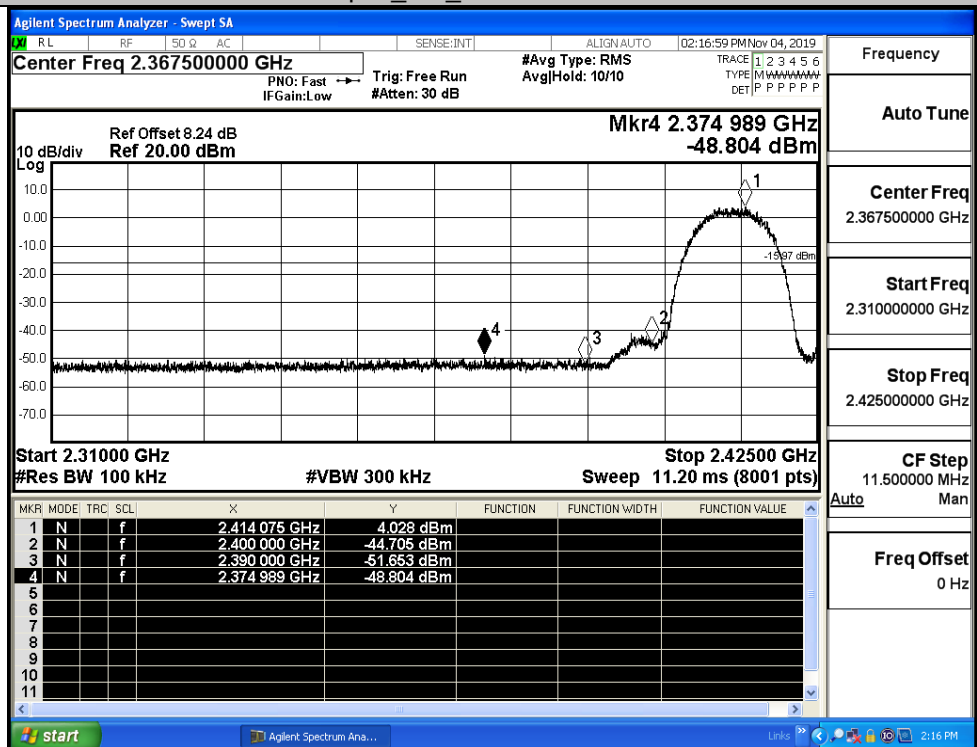


## Ant\_2

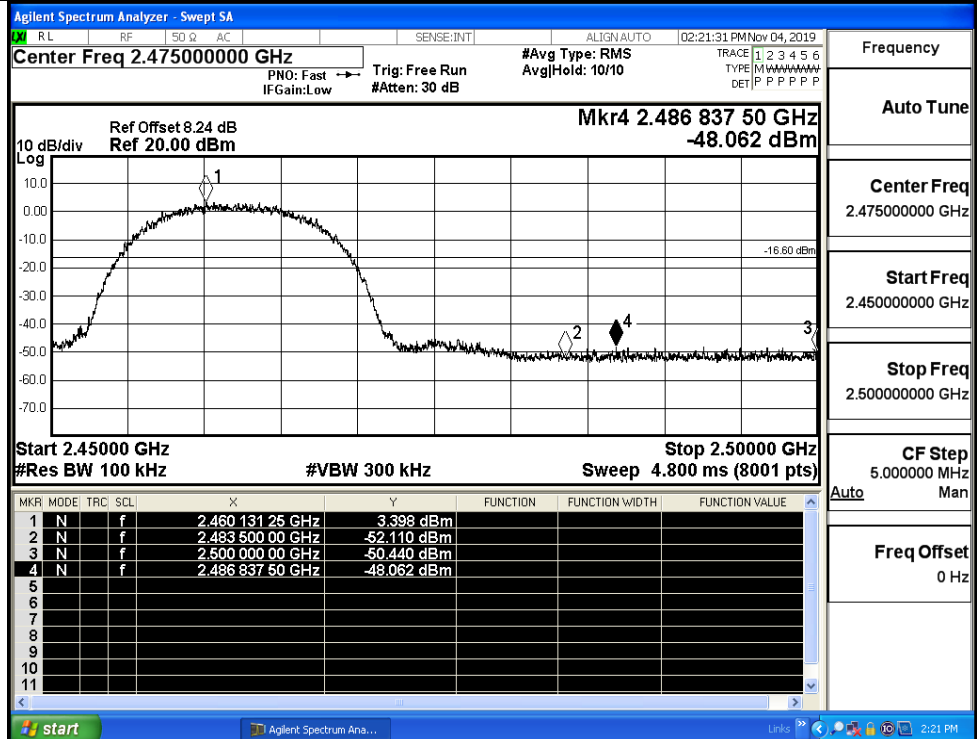
| Mode  | Channel | Carrier Power[dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|-------|---------|--------------------|--------------------------|-------------|---------|
| 11B   | LCH     | 4.028              | -48.804                  | -15.97      | PASS    |
|       | HCH     | 3.398              | -48.062                  | -16.6       | PASS    |
| 11G   | LCH     | -3.074             | -49.437                  | -23.07      | PASS    |
|       | HCH     | -3.547             | -48.950                  | -23.55      | PASS    |
| 11N20 | LCH     | -0.165             | -48.462                  | -20.17      | PASS    |
|       | HCH     | 0.437              | -48.285                  | -19.56      | PASS    |
| 11N40 | LCH     | -5.356             | -48.610                  | -25.36      | PASS    |
|       | HCH     | -5.262             | -48.582                  | -25.26      | PASS    |

## Test Graphs\_Ant\_2

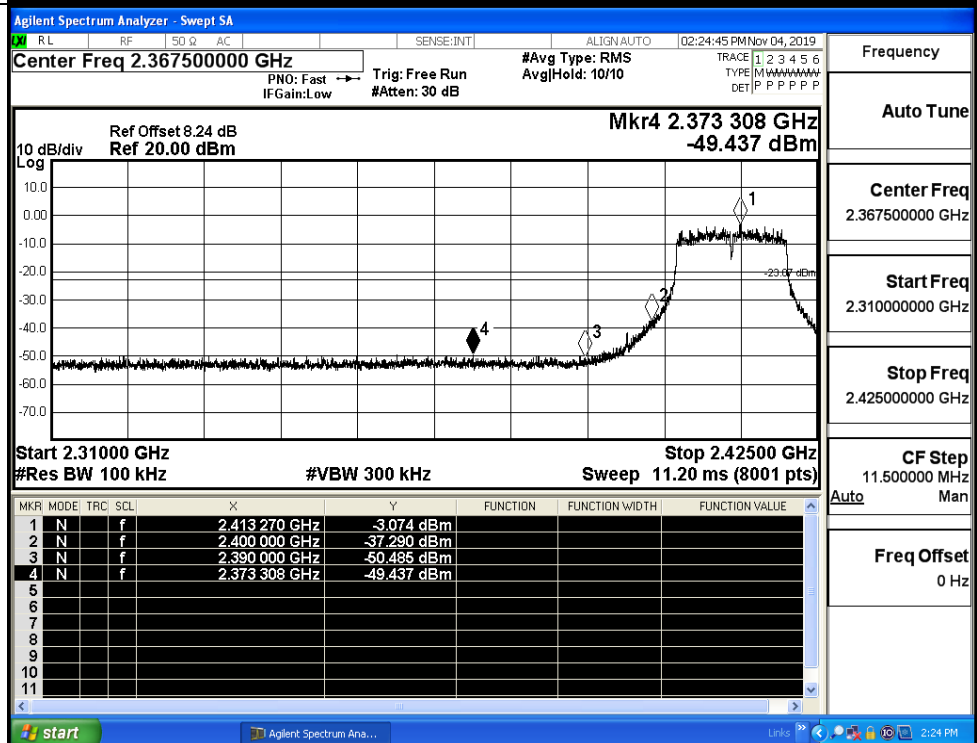
11B/LCH



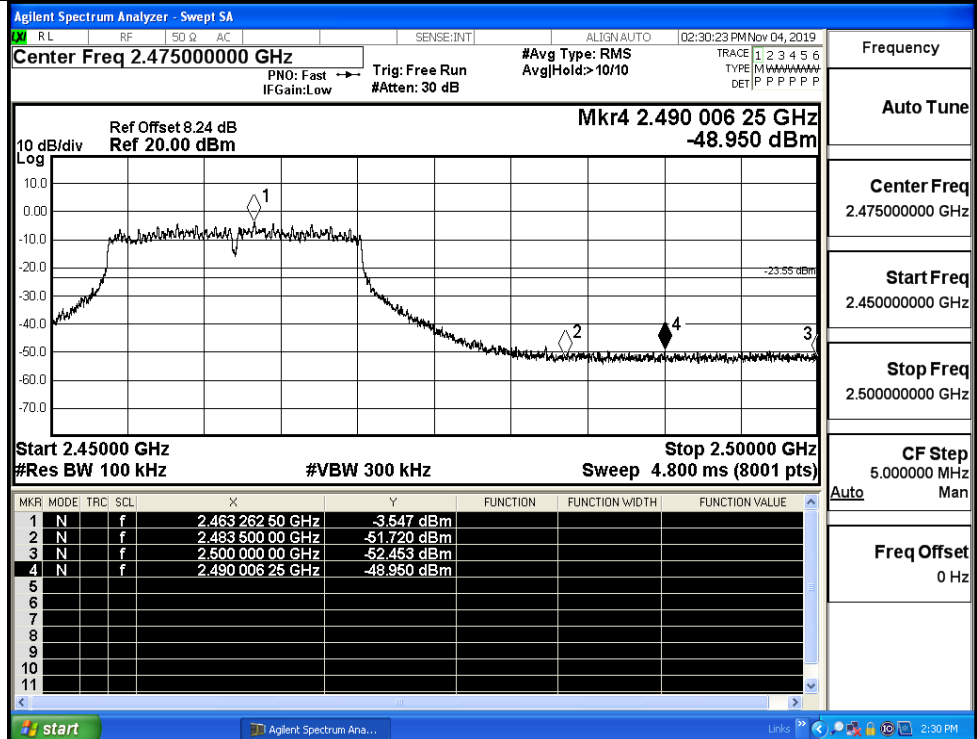
11B/HCH



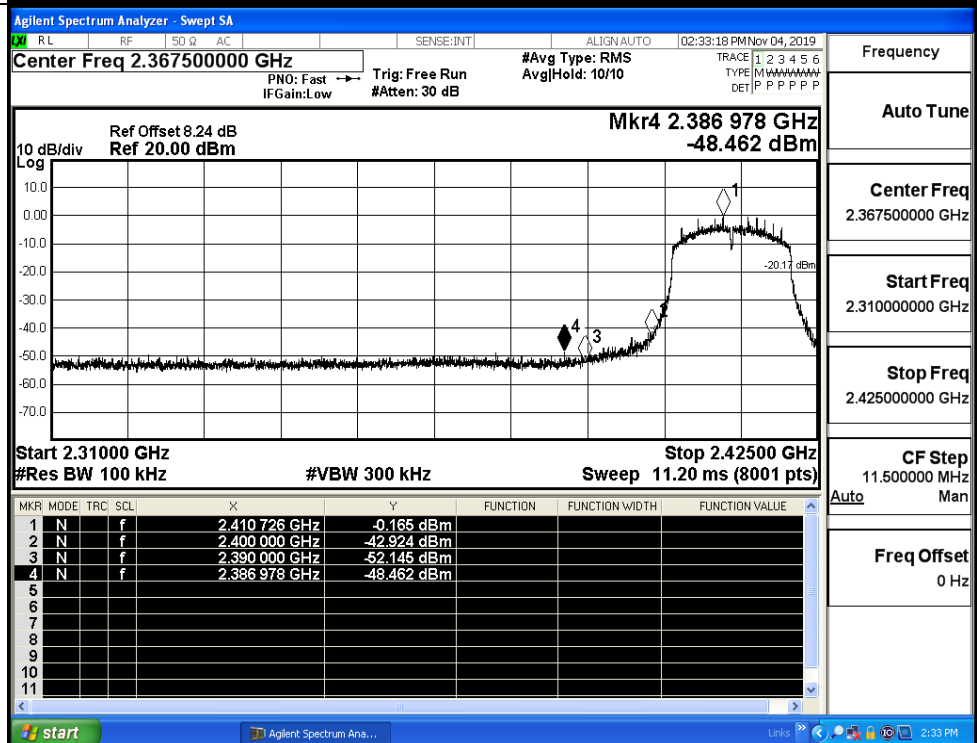
11G/LCH



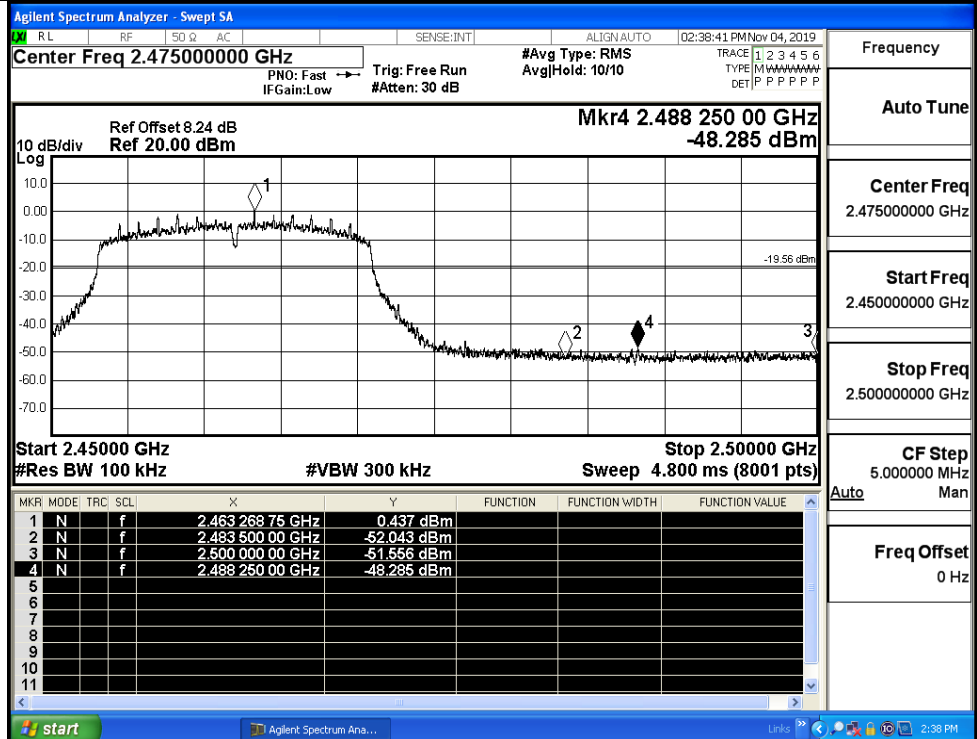
11G/HCH



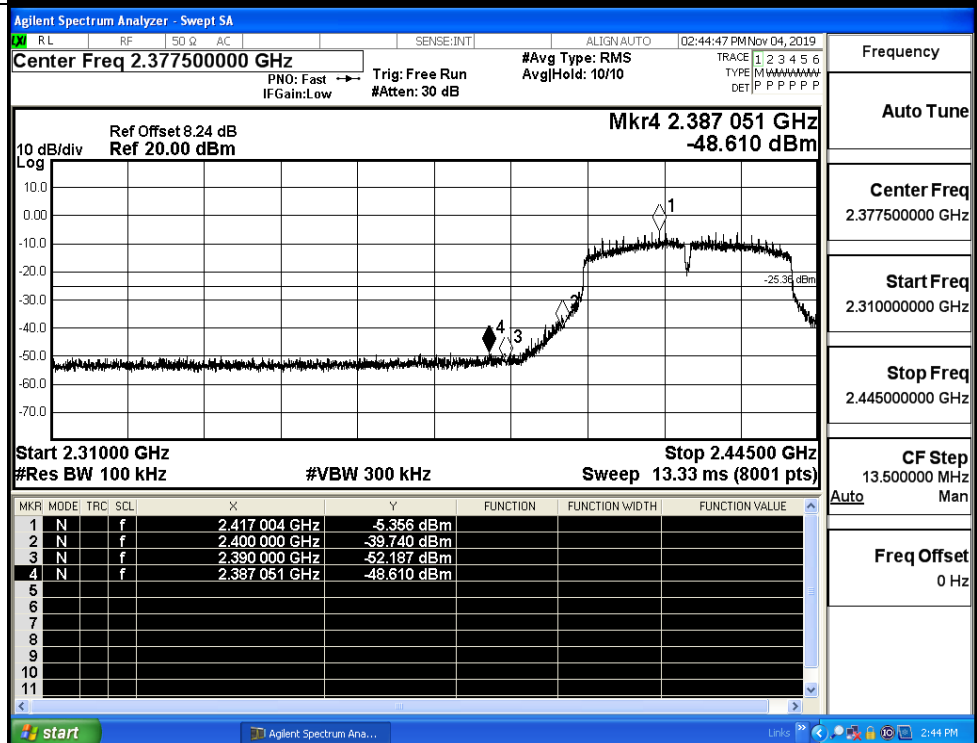
11N20/LCH



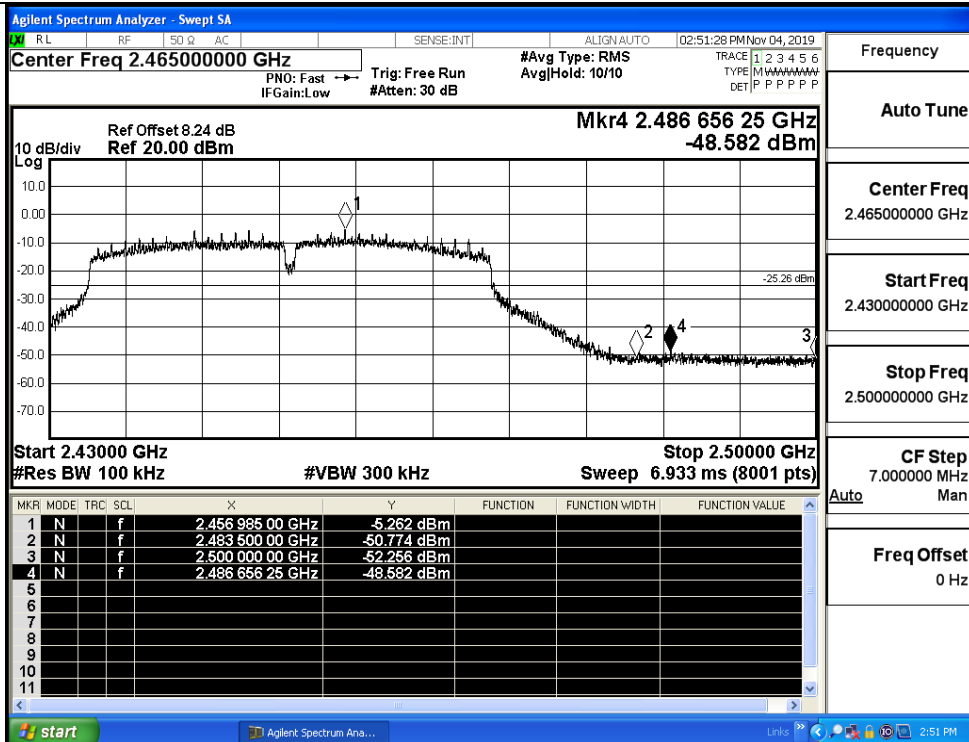
11N20/HCH



11N40/LCH



11N40/HCH



## A.7 Restrict-band band-edge measurements

| Test Mode | Test Channel | Ant   | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|-----------|--------------|-------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| 11B       | 2412         | Ant_1 | 2310.0 | -44.40      | 2.00 | 0             | 52.83      | PEAK     | 74             | PASS    |
|           | 2412         | Ant_1 | 2310.0 | -53.21      | 2.00 | 0             | 44.02      | AV       | 54             | PASS    |
|           | 2412         | Ant_1 | 2390.0 | -41.83      | 2.00 | 0             | 55.40      | PEAK     | 74             | PASS    |
|           | 2412         | Ant_1 | 2390.0 | -52.41      | 2.00 | 0             | 44.82      | AV       | 54             | PASS    |
|           | 2462         | Ant_1 | 2483.5 | -41.71      | 2.00 | 0             | 55.52      | PEAK     | 74             | PASS    |
|           | 2462         | Ant_1 | 2483.5 | -51.71      | 2.00 | 0             | 45.52      | AV       | 54             | PASS    |
|           | 2462         | Ant_1 | 2500.0 | -40.22      | 2.00 | 0             | 57.01      | PEAK     | 74             | PASS    |
|           | 2462         | Ant_1 | 2500.0 | -51.78      | 2.00 | 0             | 45.45      | AV       | 54             | PASS    |
| 11G       | 2412         | Ant_1 | 2310.0 | -42.97      | 2.00 | 0             | 54.26      | PEAK     | 74             | PASS    |
|           | 2412         | Ant_1 | 2310.0 | -53.26      | 2.00 | 0             | 43.97      | AV       | 54             | PASS    |
|           | 2412         | Ant_1 | 2390.0 | -38.96      | 2.00 | 0             | 58.27      | PEAK     | 74             | PASS    |
|           | 2412         | Ant_1 | 2390.0 | -51.00      | 2.00 | 0             | 46.23      | AV       | 54             | PASS    |
|           | 2462         | Ant_1 | 2483.5 | -41.74      | 2.00 | 0             | 55.49      | PEAK     | 74             | PASS    |
|           | 2462         | Ant_1 | 2483.5 | -52.09      | 2.00 | 0             | 45.14      | AV       | 54             | PASS    |
|           | 2462         | Ant_1 | 2500.0 | -41.54      | 2.00 | 0             | 55.69      | PEAK     | 74             | PASS    |
|           | 2462         | Ant_1 | 2500.0 | -51.95      | 2.00 | 0             | 45.28      | AV       | 54             | PASS    |
| 11N20     | 2412         | Ant_1 | 2310.0 | -42.67      | 2.00 | 0             | 54.56      | PEAK     | 74             | PASS    |
|           | 2412         | Ant_1 | 2310.0 | -53.29      | 2.00 | 0             | 43.94      | AV       | 54             | PASS    |
|           | 2412         | Ant_1 | 2390.0 | -40.98      | 2.00 | 0             | 56.25      | PEAK     | 74             | PASS    |
|           | 2412         | Ant_1 | 2390.0 | -51.89      | 2.00 | 0             | 45.34      | AV       | 54             | PASS    |
|           | 2462         | Ant_1 | 2483.5 | -40.36      | 2.00 | 0             | 56.87      | PEAK     | 74             | PASS    |
|           | 2462         | Ant_1 | 2483.5 | -51.77      | 2.00 | 0             | 45.46      | AV       | 54             | PASS    |
|           | 2462         | Ant_1 | 2500.0 | -41.94      | 2.00 | 0             | 55.29      | PEAK     | 74             | PASS    |
|           | 2462         | Ant_1 | 2500.0 | -51.85      | 2.00 | 0             | 45.38      | AV       | 54             | PASS    |
| 11N40     | 2422         | Ant_1 | 2310.0 | -42.74      | 2.00 | 0             | 54.49      | PEAK     | 74             | PASS    |
|           | 2422         | Ant_1 | 2310.0 | -53.27      | 2.00 | 0             | 43.96      | AV       | 54             | PASS    |

|  |      |       |        |        |      |   |       |      |    |      |
|--|------|-------|--------|--------|------|---|-------|------|----|------|
|  | 2422 | Ant_1 | 2390.0 | -40.50 | 2.00 | 0 | 56.73 | PEAK | 74 | PASS |
|  | 2422 | Ant_1 | 2390.0 | -50.34 | 2.00 | 0 | 46.89 | AV   | 54 | PASS |
|  | 2452 | Ant_1 | 2483.5 | -39.28 | 2.00 | 0 | 57.95 | PEAK | 74 | PASS |
|  | 2452 | Ant_1 | 2483.5 | -51.30 | 2.00 | 0 | 45.93 | AV   | 54 | PASS |
|  | 2452 | Ant_1 | 2500.0 | -42.10 | 2.00 | 0 | 55.13 | PEAK | 74 | PASS |
|  | 2452 | Ant_1 | 2500.0 | -52.01 | 2.00 | 0 | 45.22 | AV   | 54 | PASS |

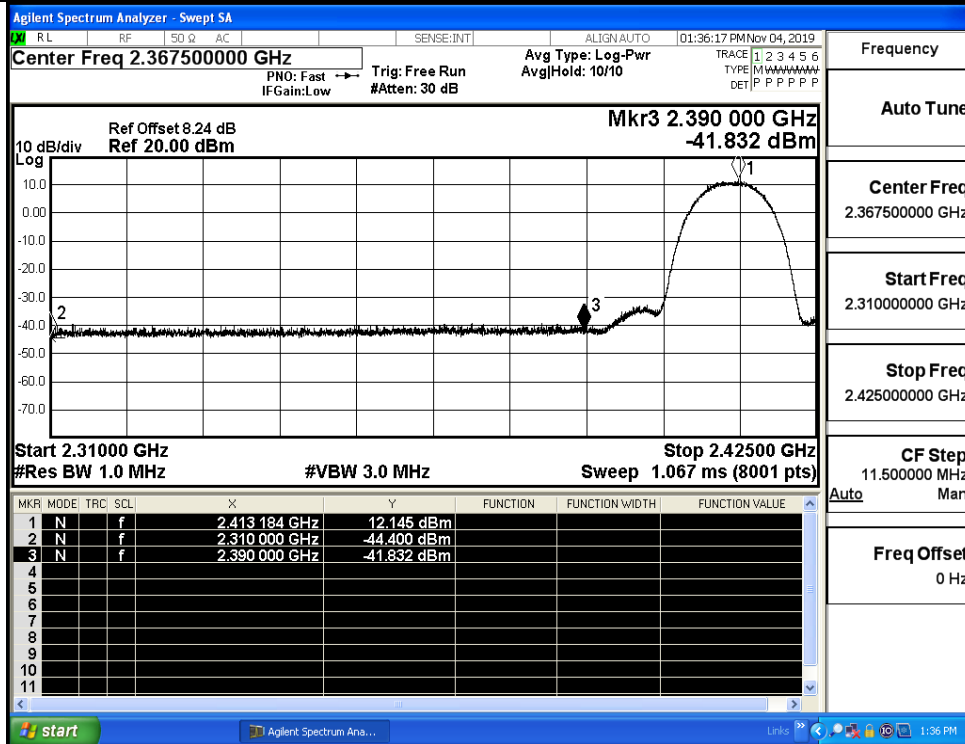
| Test Mode | Test Channel | Ant   | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBu V/m] | Verdict |
|-----------|--------------|-------|--------|-------------|------|---------------|------------|----------|-----------------|---------|
| 11B       | 2412         | Ant_2 | 2310.0 | -43.42      | 2.00 | 0             | 53.81      | PEAK     | 74              | PASS    |
|           | 2412         | Ant_2 | 2310.0 | -53.28      | 2.00 | 0             | 43.95      | AV       | 54              | PASS    |
|           | 2412         | Ant_2 | 2390.0 | -42.27      | 2.00 | 0             | 54.96      | PEAK     | 74              | PASS    |
|           | 2412         | Ant_2 | 2390.0 | -52.43      | 2.00 | 0             | 44.80      | AV       | 54              | PASS    |
|           | 2462         | Ant_2 | 2483.5 | -40.74      | 2.00 | 0             | 56.49      | PEAK     | 74              | PASS    |
|           | 2462         | Ant_2 | 2483.5 | -51.79      | 2.00 | 0             | 45.44      | AV       | 54              | PASS    |
|           | 2462         | Ant_2 | 2500.0 | -41.67      | 2.00 | 0             | 55.56      | PEAK     | 74              | PASS    |
|           | 2462         | Ant_2 | 2500.0 | -51.84      | 2.00 | 0             | 45.39      | AV       | 54              | PASS    |
| 11G       | 2412         | Ant_2 | 2310.0 | -43.65      | 2.00 | 0             | 53.58      | PEAK     | 74              | PASS    |
|           | 2412         | Ant_2 | 2310.0 | -53.31      | 2.00 | 0             | 43.92      | AV       | 54              | PASS    |
|           | 2412         | Ant_2 | 2390.0 | -40.85      | 2.00 | 0             | 56.38      | PEAK     | 74              | PASS    |
|           | 2412         | Ant_2 | 2390.0 | -52.43      | 2.00 | 0             | 44.80      | AV       | 54              | PASS    |
|           | 2462         | Ant_2 | 2483.5 | -42.22      | 2.00 | 0             | 55.01      | PEAK     | 74              | PASS    |
|           | 2462         | Ant_2 | 2483.5 | -52.10      | 2.00 | 0             | 45.13      | AV       | 54              | PASS    |
|           | 2462         | Ant_2 | 2500.0 | -40.90      | 2.00 | 0             | 56.33      | PEAK     | 74              | PASS    |
|           | 2462         | Ant_2 | 2500.0 | -51.98      | 2.00 | 0             | 45.25      | AV       | 54              | PASS    |
| 11N20     | 2412         | Ant_2 | 2310.0 | -42.99      | 2.00 | 0             | 54.24      | PEAK     | 74              | PASS    |
|           | 2412         | Ant_2 | 2310.0 | -53.33      | 2.00 | 0             | 43.90      | AV       | 54              | PASS    |
|           | 2412         | Ant_2 | 2390.0 | -42.67      | 2.00 | 0             | 54.56      | PEAK     | 74              | PASS    |
|           | 2412         | Ant_2 | 2390.0 | -51.84      | 2.00 | 0             | 45.39      | AV       | 54              | PASS    |
|           | 2462         | Ant_2 | 2483.5 | -41.86      | 2.00 | 0             | 55.37      | PEAK     | 74              | PASS    |
|           | 2462         | Ant_2 | 2483.5 | -51.69      | 2.00 | 0             | 45.54      | AV       | 54              | PASS    |
|           | 2462         | Ant_2 | 2500.0 | -41.74      | 2.00 | 0             | 55.49      | PEAK     | 74              | PASS    |

|       |      |       |        |        |      |   |       |      |    |      |
|-------|------|-------|--------|--------|------|---|-------|------|----|------|
|       | 2462 | Ant_2 | 2500.0 | -51.82 | 2.00 | 0 | 45.41 | AV   | 54 | PASS |
| 11N40 | 2422 | Ant_2 | 2310.0 | -42.21 | 2.00 | 0 | 55.02 | PEAK | 74 | PASS |
|       | 2422 | Ant_2 | 2310.0 | -53.29 | 2.00 | 0 | 43.94 | AV   | 54 | PASS |
|       | 2422 | Ant_2 | 2390.0 | -40.95 | 2.00 | 0 | 56.28 | PEAK | 74 | PASS |
|       | 2422 | Ant_2 | 2390.0 | -51.58 | 2.00 | 0 | 45.65 | AV   | 54 | PASS |
|       | 2452 | Ant_2 | 2483.5 | -40.97 | 2.00 | 0 | 56.26 | PEAK | 74 | PASS |
|       | 2452 | Ant_2 | 2483.5 | -51.38 | 2.00 | 0 | 45.85 | AV   | 54 | PASS |
|       | 2452 | Ant_2 | 2500.0 | -42.26 | 2.00 | 0 | 54.97 | PEAK | 74 | PASS |
|       | 2452 | Ant_2 | 2500.0 | -51.98 | 2.00 | 0 | 45.25 | AV   | 54 | PASS |

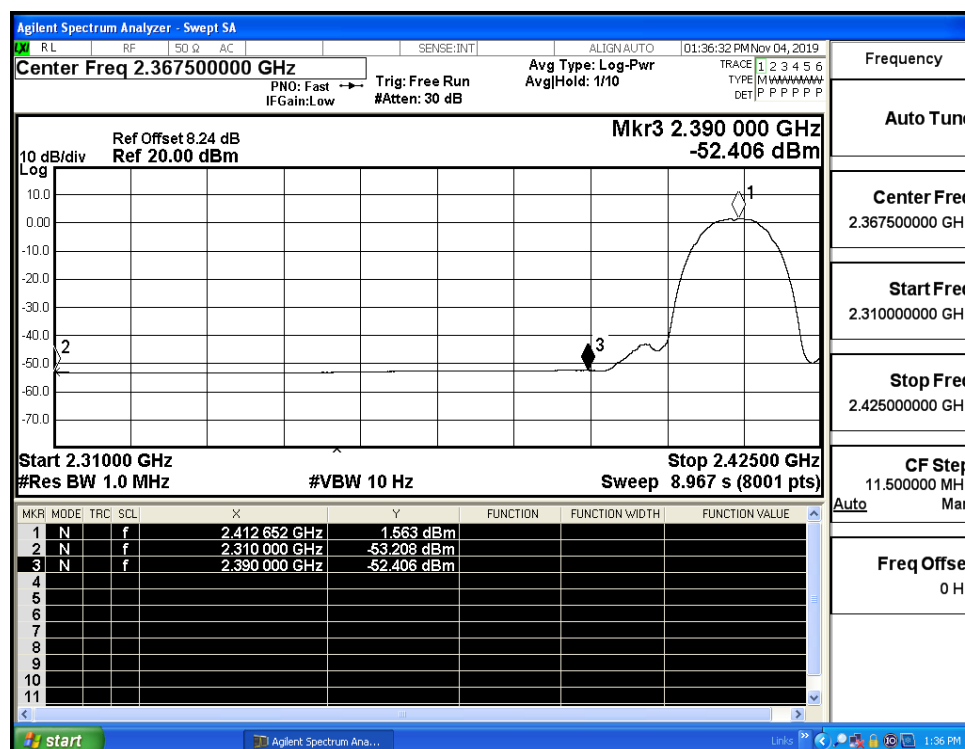
**Combined Ant\_1 and Ant\_2**

| Test Mode | Test Channel | Freq.  | Power [dBm] |        |        | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|-----------|--------------|--------|-------------|--------|--------|------|---------------|------------|----------|----------------|---------|
|           |              |        | Ant0        | Ant1   | Sum    |      |               |            |          |                |         |
| 11N20     | 2412         | 2310.0 | -42.67      | -42.99 | -39.82 | 4.43 | 0             | 59.84      | PEAK     | 74             | PASS    |
|           | 2412         | 2310.0 | -53.29      | -53.33 | -50.30 | 4.43 | 0             | 49.36      | AV       | 54             | PASS    |
|           | 2412         | 2390.0 | -40.98      | -42.67 | -38.73 | 4.43 | 0             | 60.93      | PEAK     | 74             | PASS    |
|           | 2412         | 2390.0 | -51.89      | -51.84 | -48.85 | 4.43 | 0             | 50.81      | AV       | 54             | PASS    |
|           | 2462         | 2483.5 | -40.36      | -41.86 | -38.04 | 4.43 | 0             | 61.62      | PEAK     | 74             | PASS    |
|           | 2462         | 2483.5 | -51.77      | -51.69 | -48.72 | 4.43 | 0             | 50.94      | AV       | 54             | PASS    |
|           | 2462         | 2500.0 | -41.94      | -41.74 | -38.83 | 4.43 | 0             | 60.83      | PEAK     | 74             | PASS    |
|           | 2462         | 2500.0 | -51.85      | -51.82 | -48.82 | 4.43 | 0             | 50.84      | AV       | 54             | PASS    |
| 11N40     | 2422         | 2310.0 | -42.74      | -42.21 | -39.46 | 4.43 | 0             | 60.20      | PEAK     | 74             | PASS    |
|           | 2422         | 2310.0 | -53.27      | -53.29 | -50.27 | 4.43 | 0             | 49.39      | AV       | 54             | PASS    |
|           | 2422         | 2390.0 | -40.50      | -40.95 | -37.71 | 4.43 | 0             | 61.95      | PEAK     | 74             | PASS    |
|           | 2422         | 2390.0 | -50.34      | -51.58 | -47.91 | 4.43 | 0             | 51.75      | AV       | 54             | PASS    |
|           | 2452         | 2483.5 | -39.28      | -40.97 | -37.03 | 4.43 | 0             | 62.63      | PEAK     | 74             | PASS    |
|           | 2452         | 2483.5 | -51.30      | -51.38 | -48.33 | 4.43 | 0             | 51.33      | AV       | 54             | PASS    |
|           | 2452         | 2500.0 | -42.10      | -42.26 | -39.17 | 4.43 | 0             | 60.49      | PEAK     | 74             | PASS    |
|           | 2452         | 2500.0 | -52.01      | -51.98 | -48.98 | 4.43 | 0             | 50.68      | AV       | 54             | PASS    |

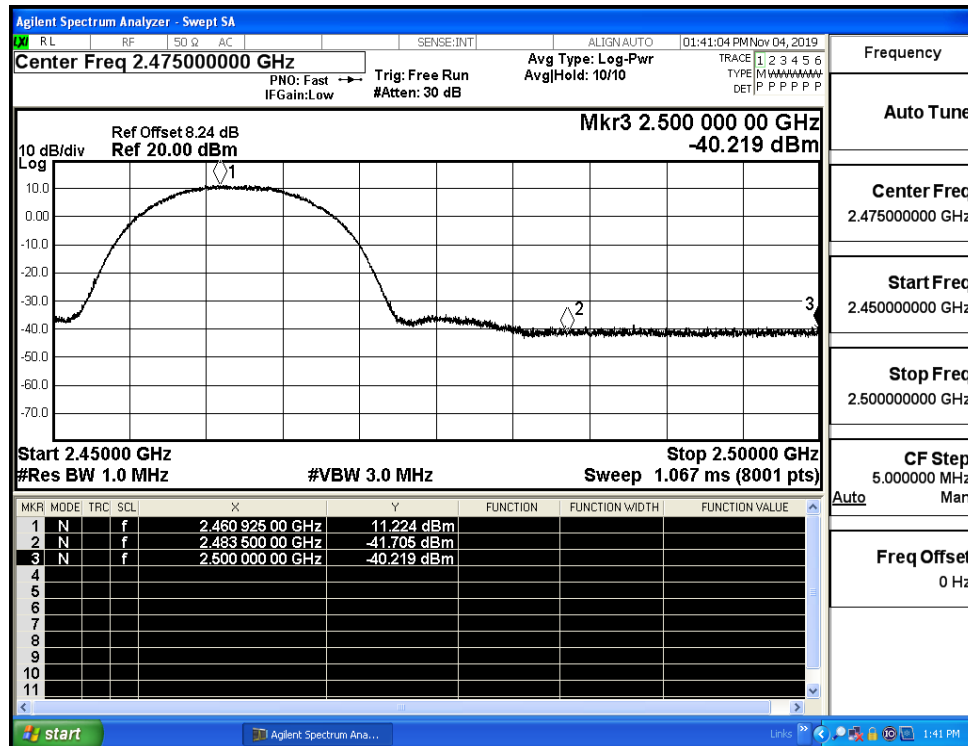
## Restrict-band band-edge measurements\_11B\_2412\_Ant\_1\_PEAK



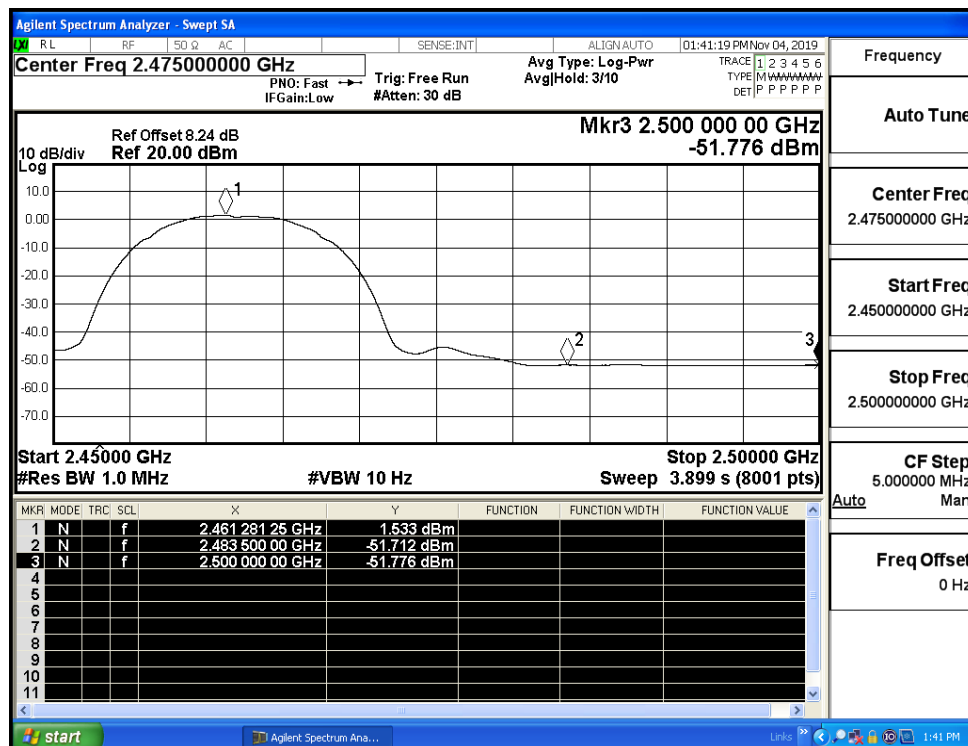
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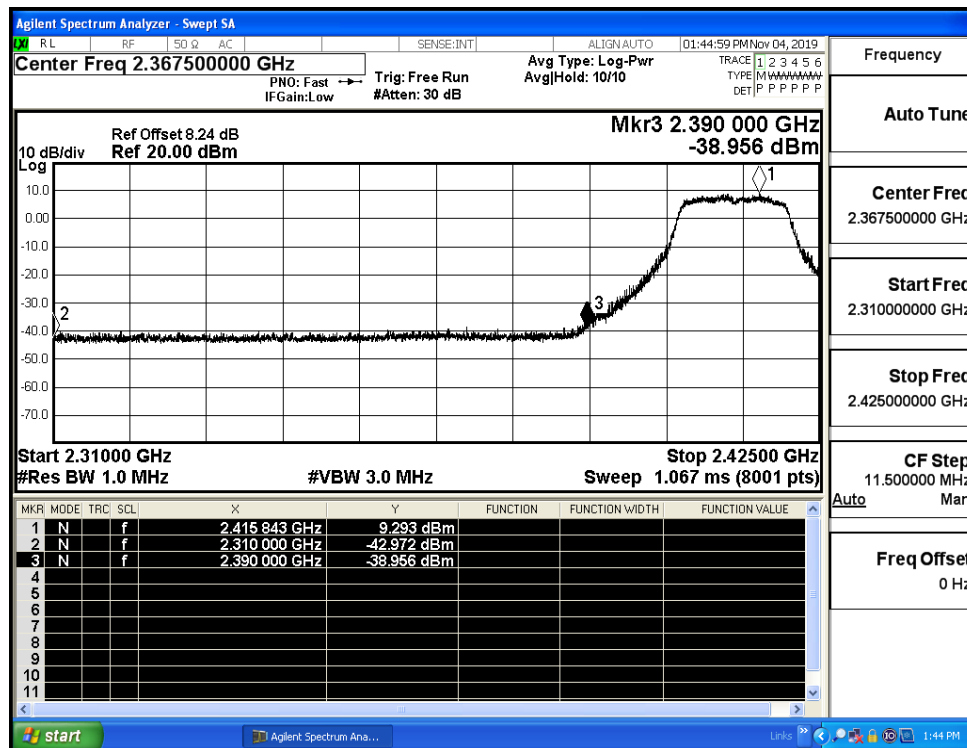
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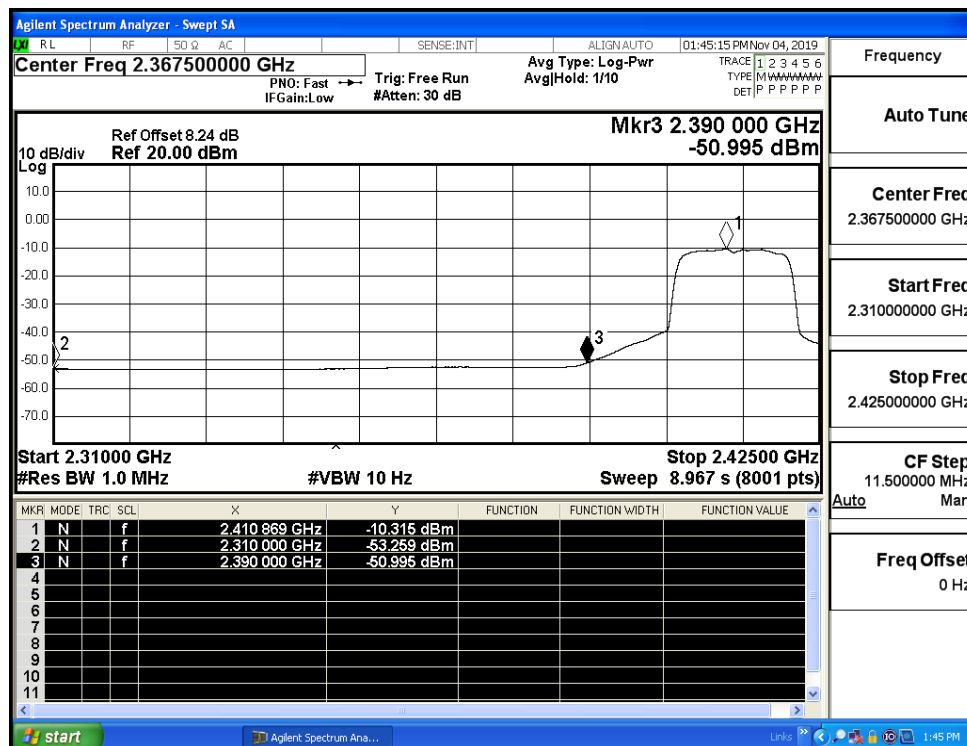
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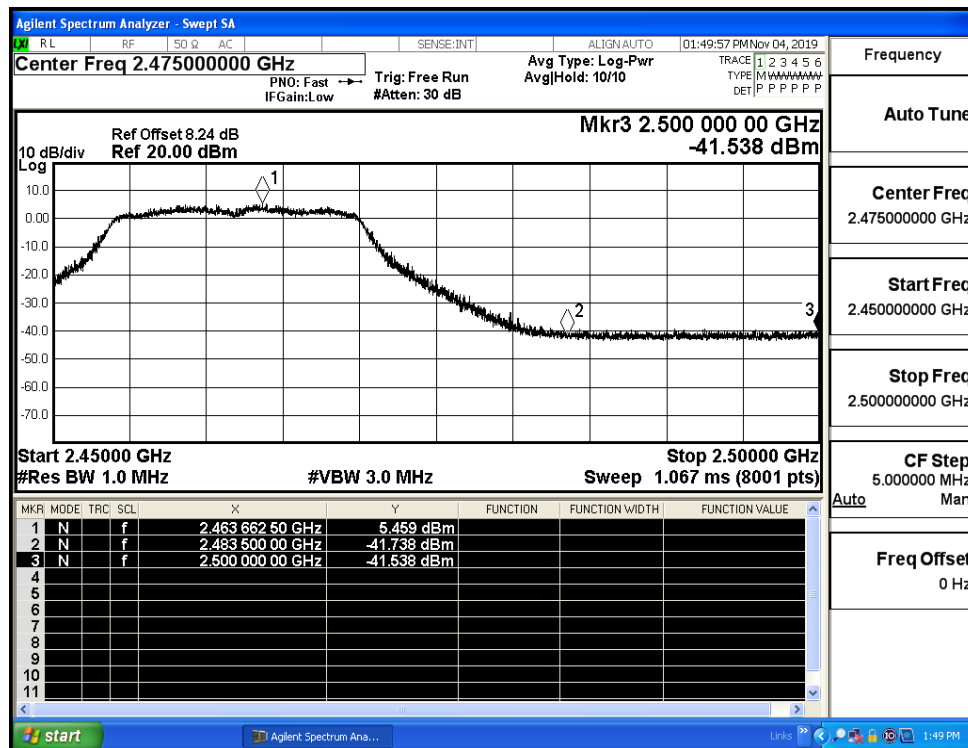
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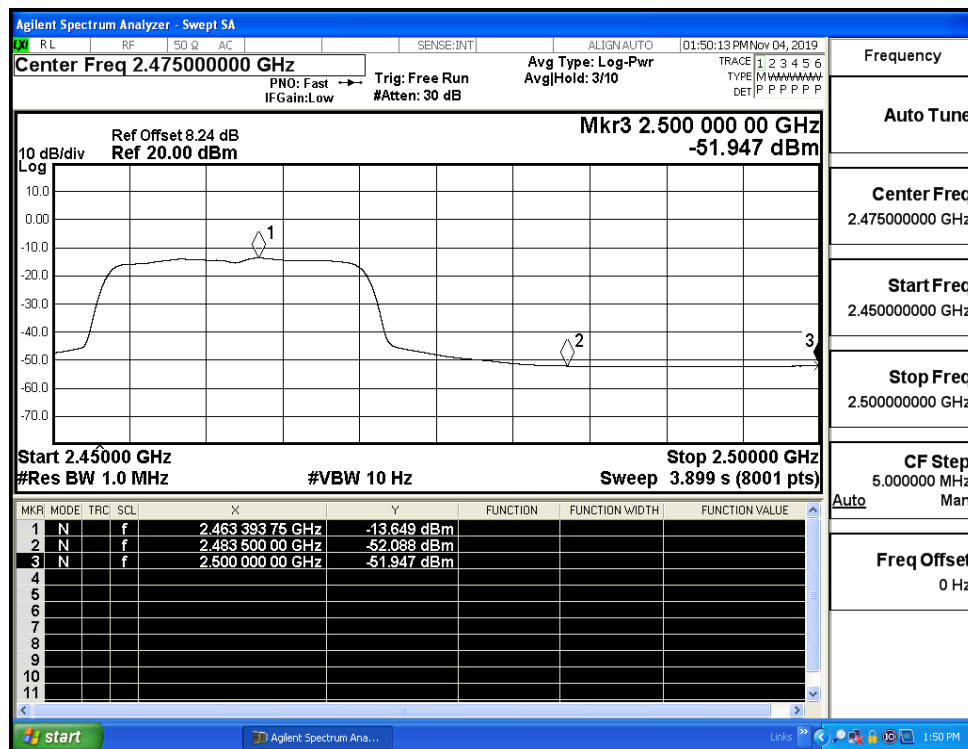
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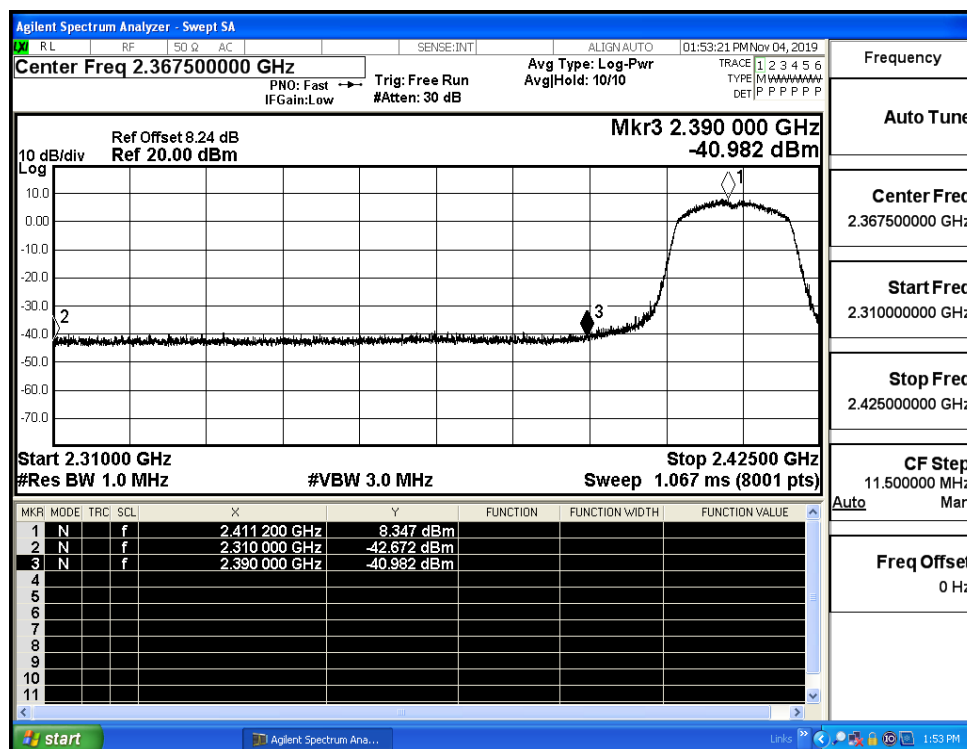
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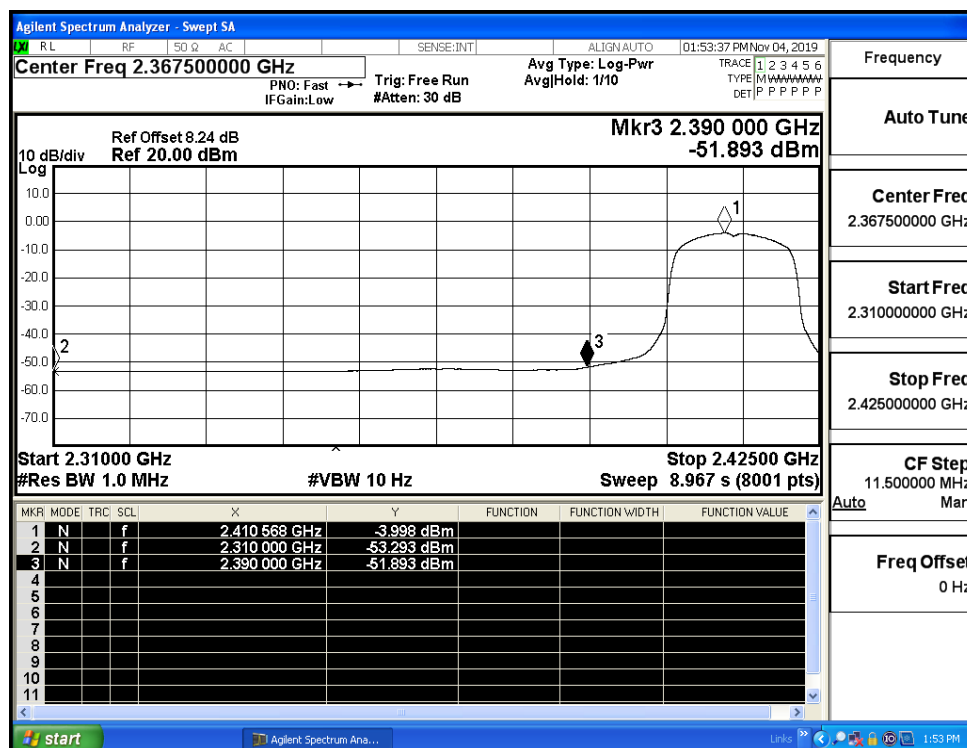
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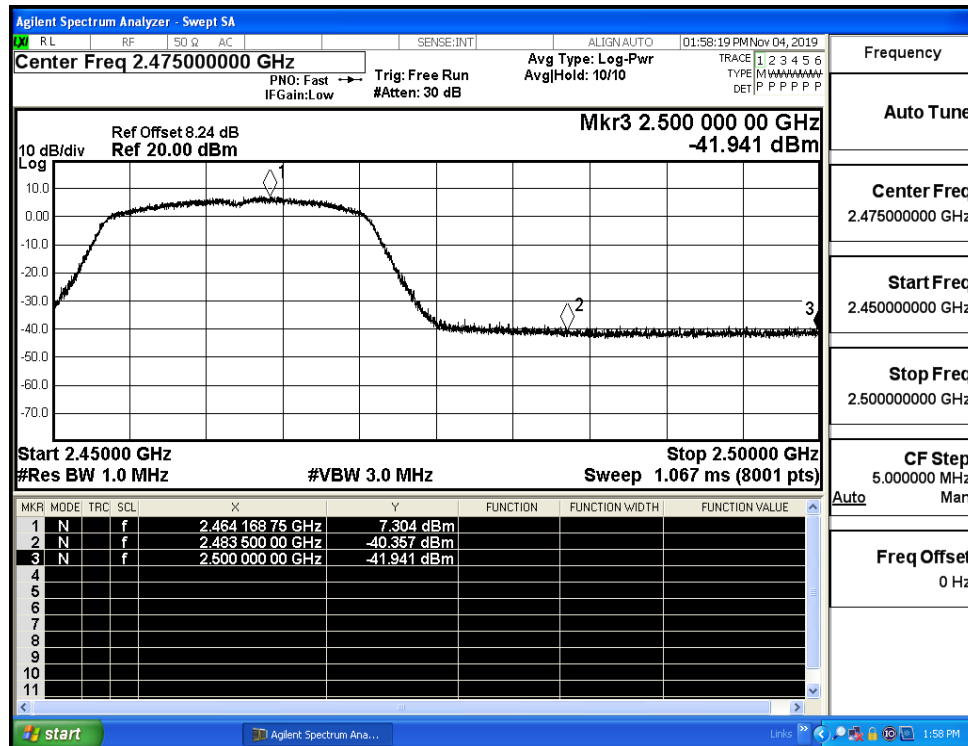
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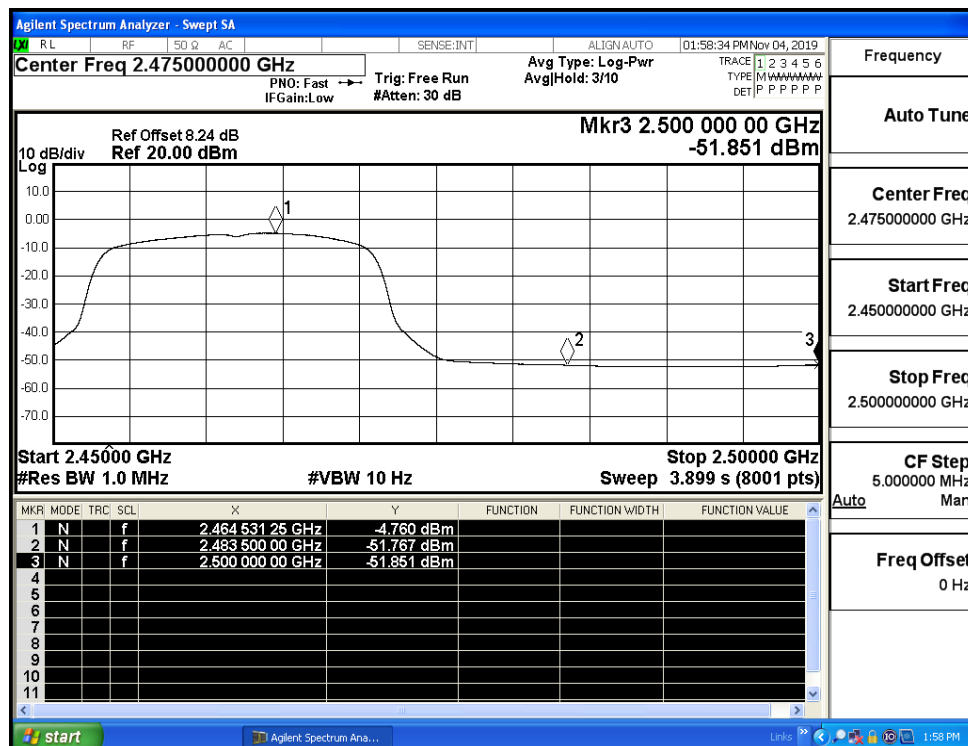
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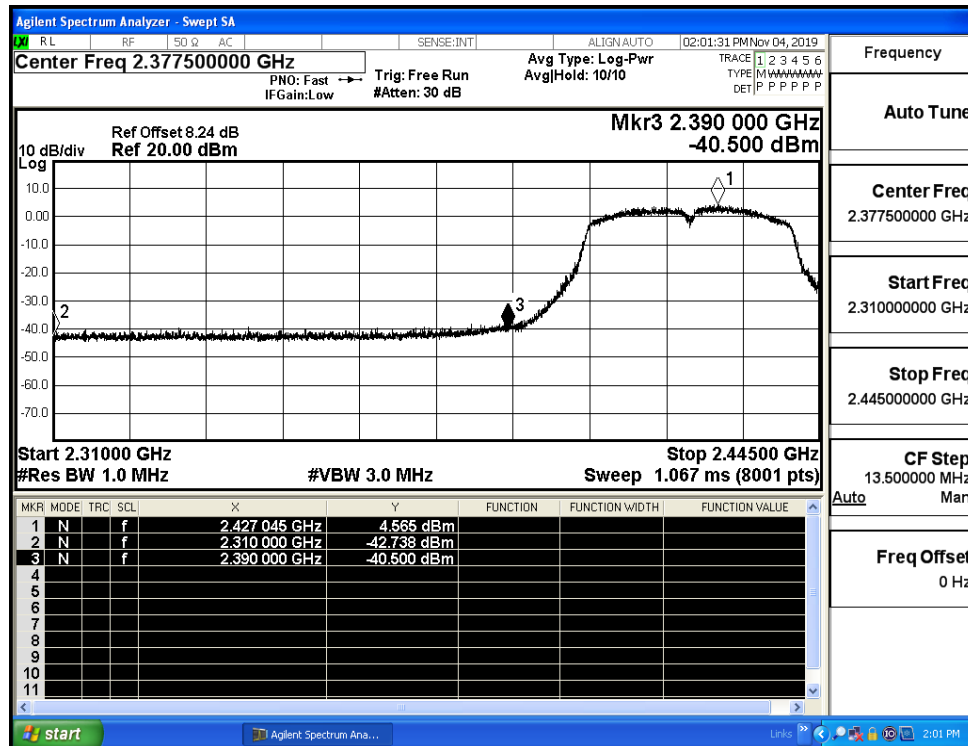
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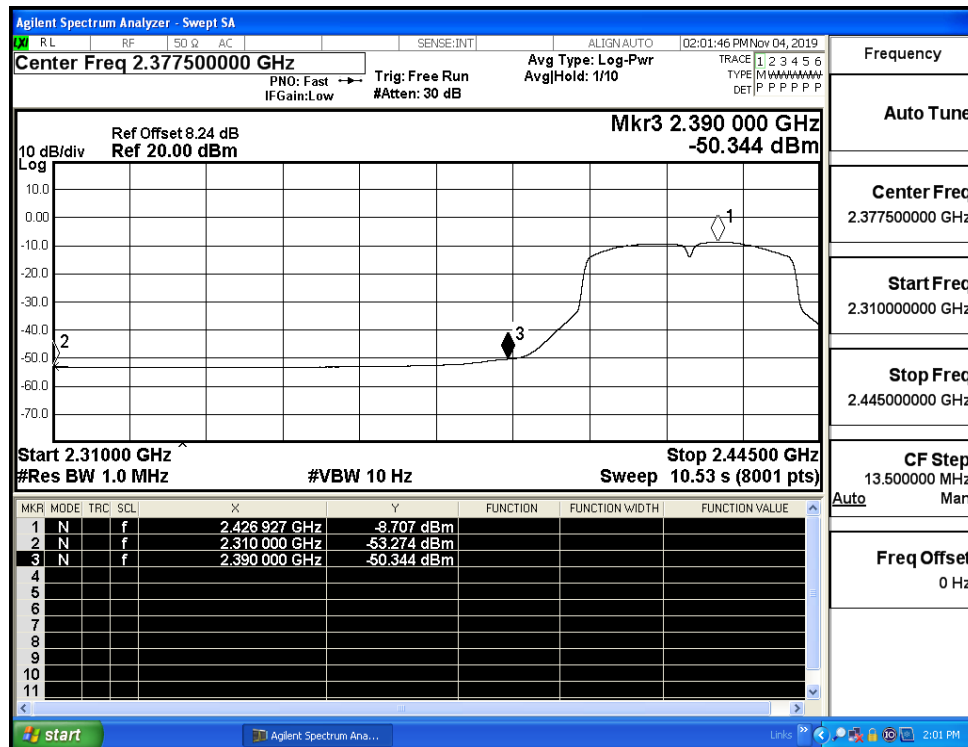
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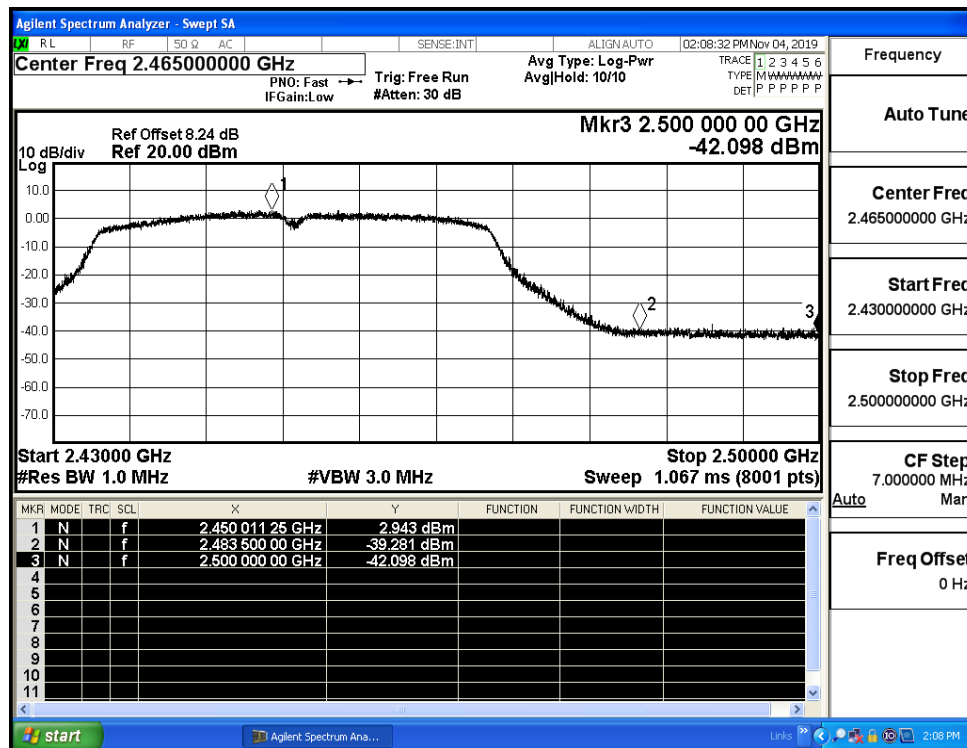
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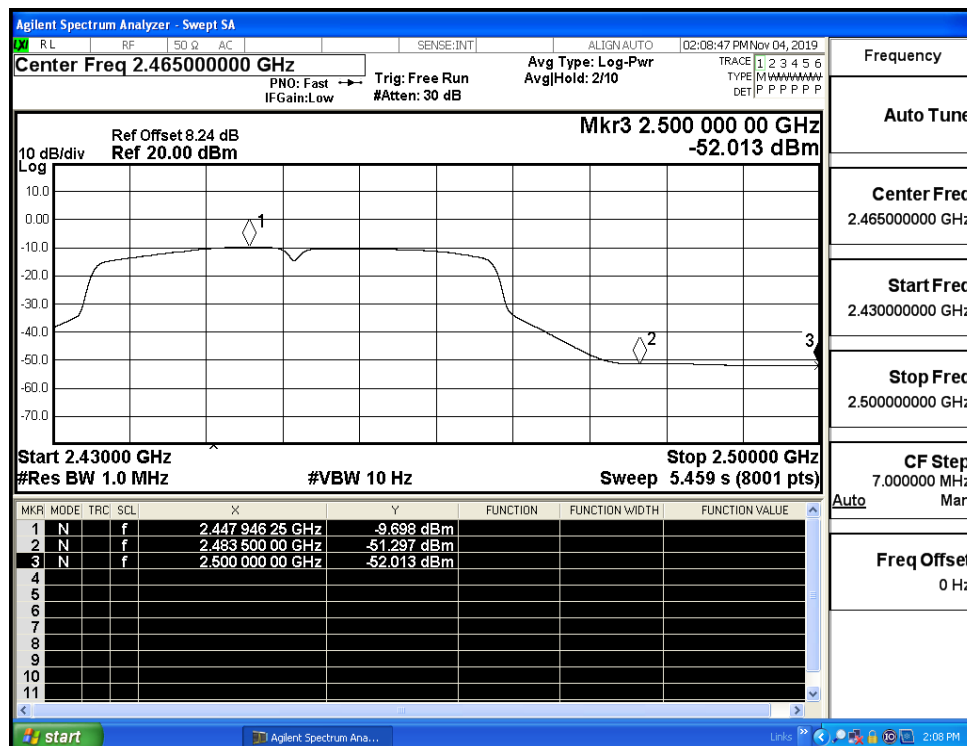
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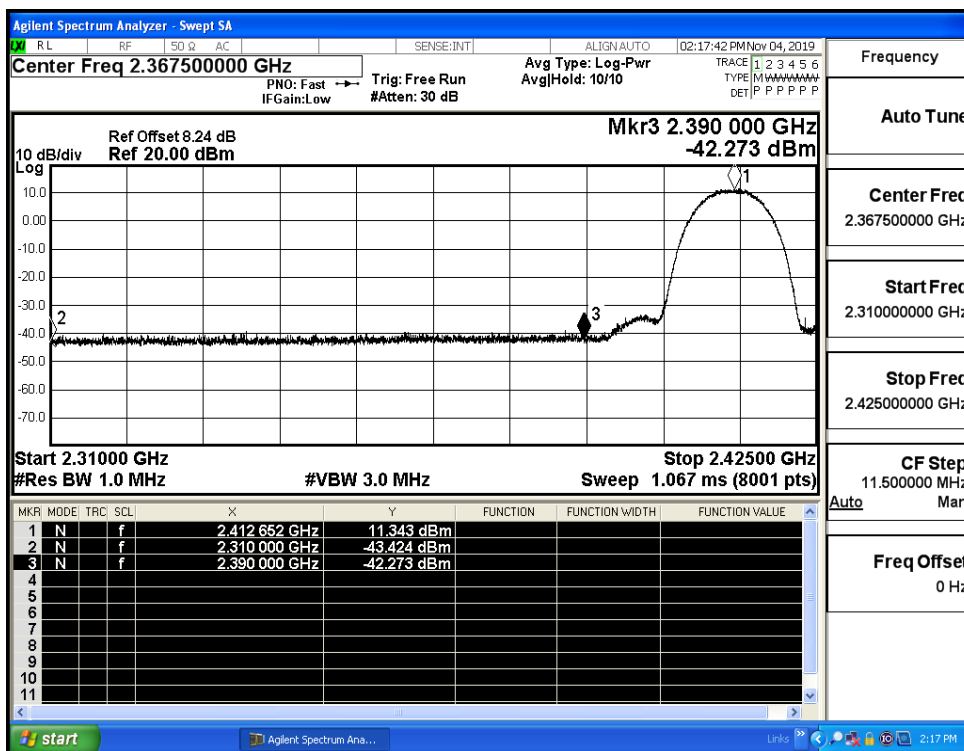
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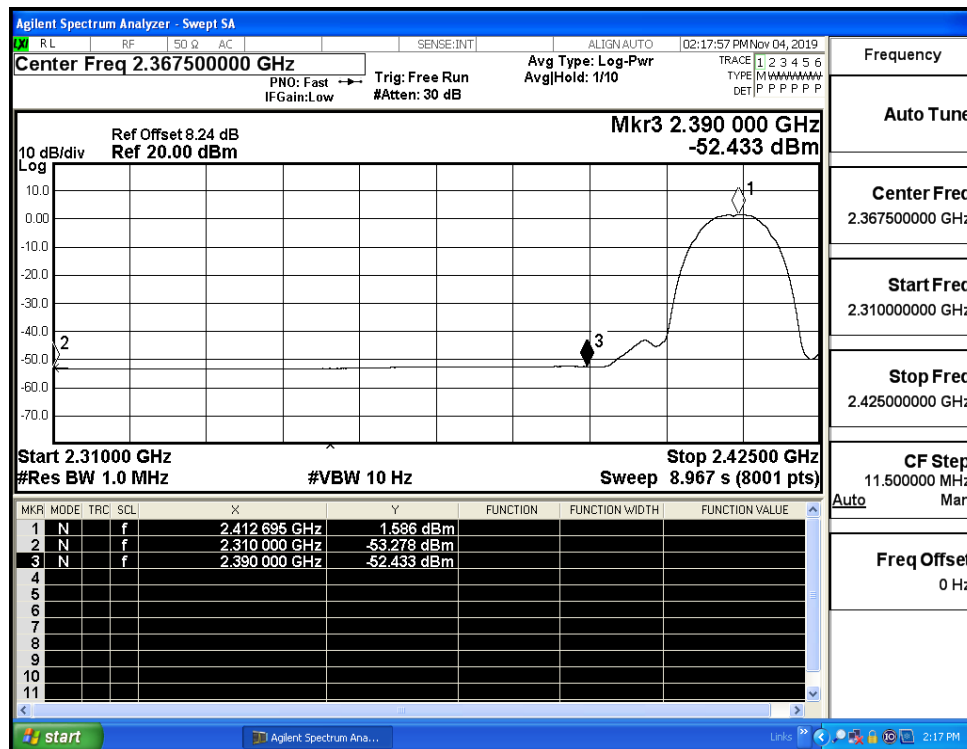
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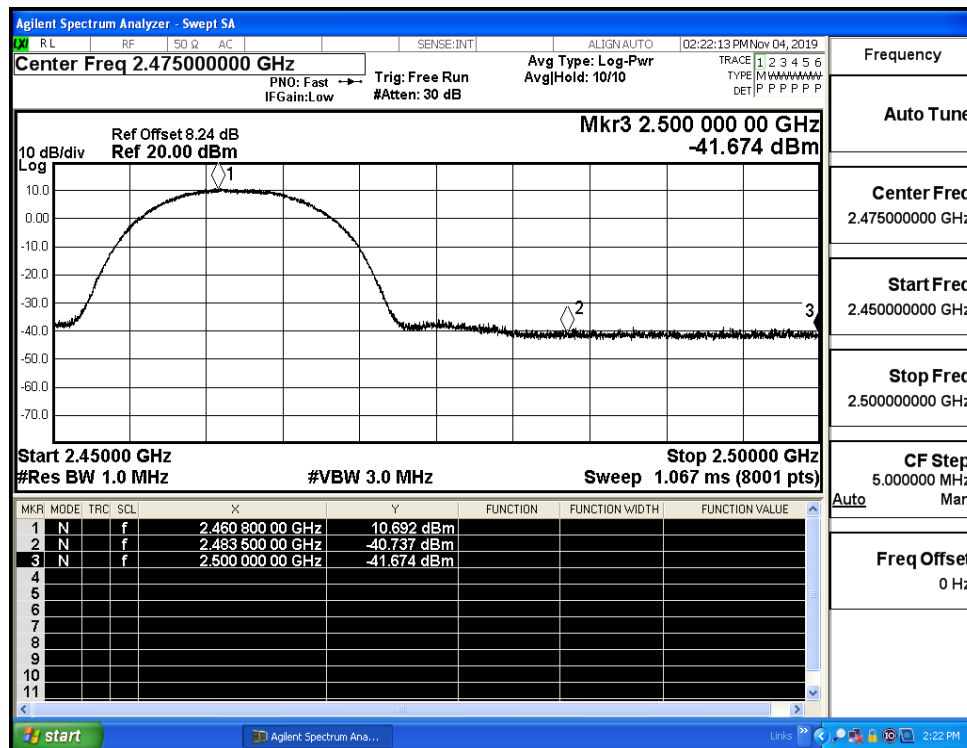
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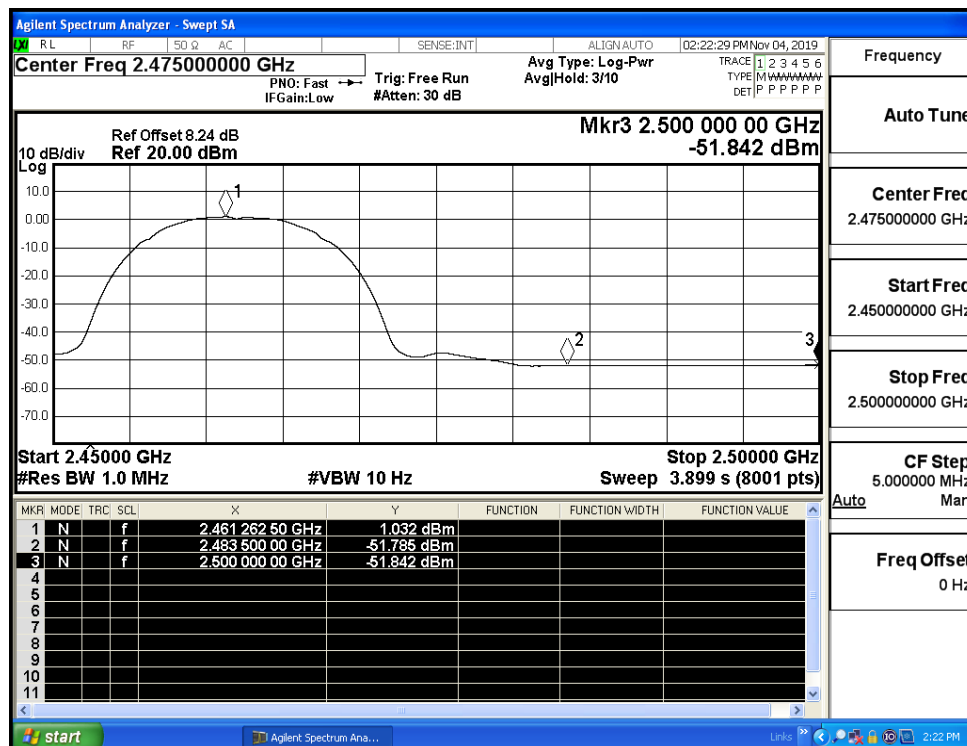
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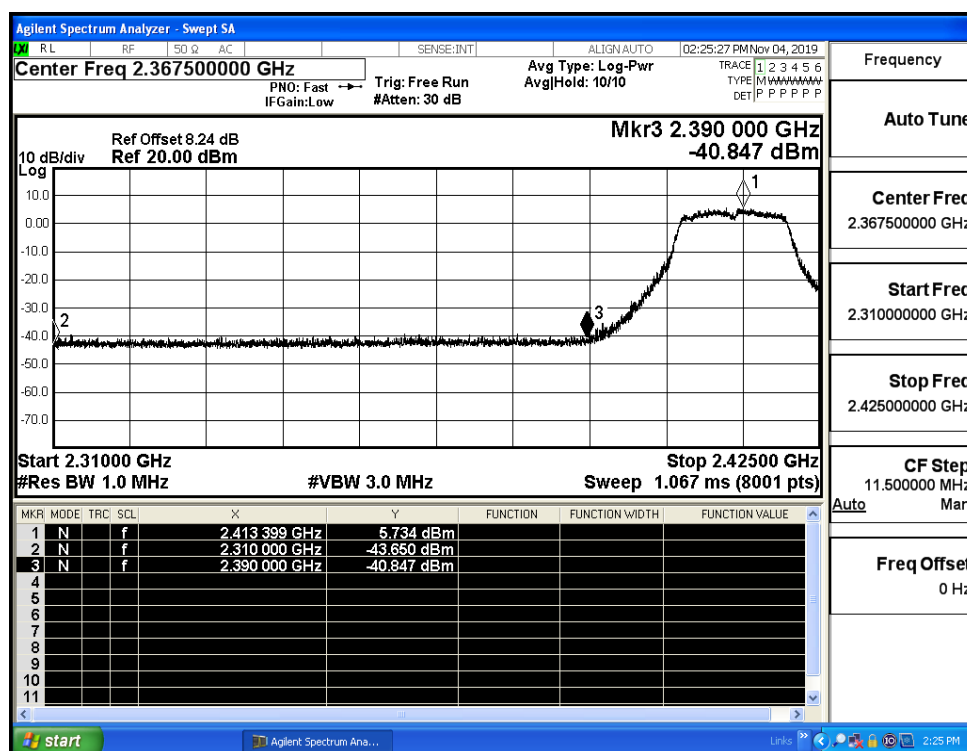
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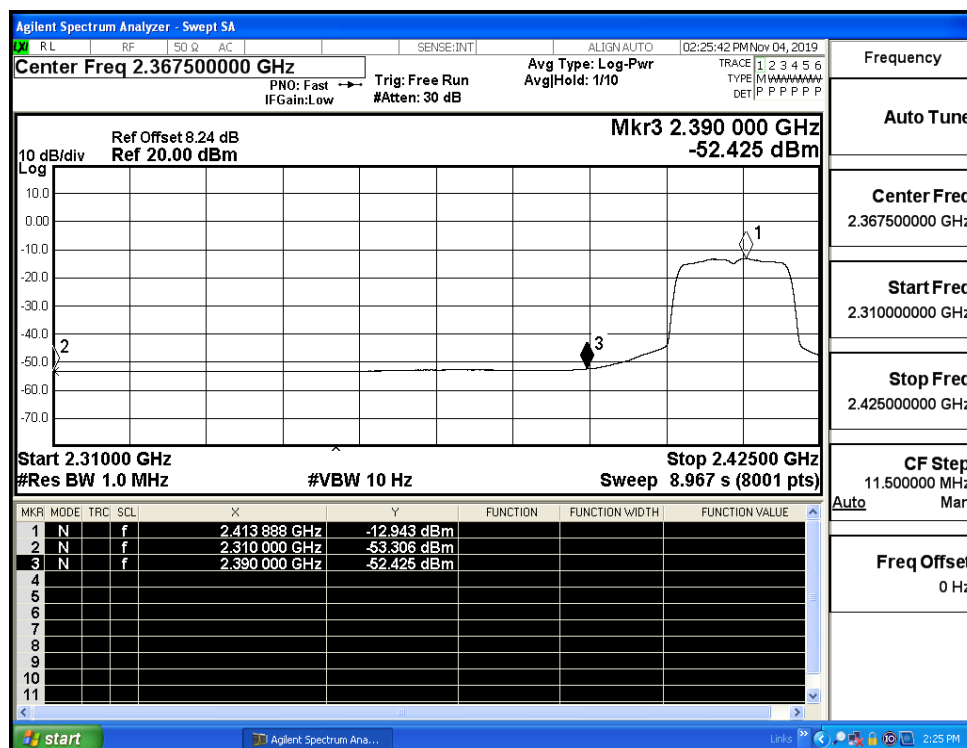
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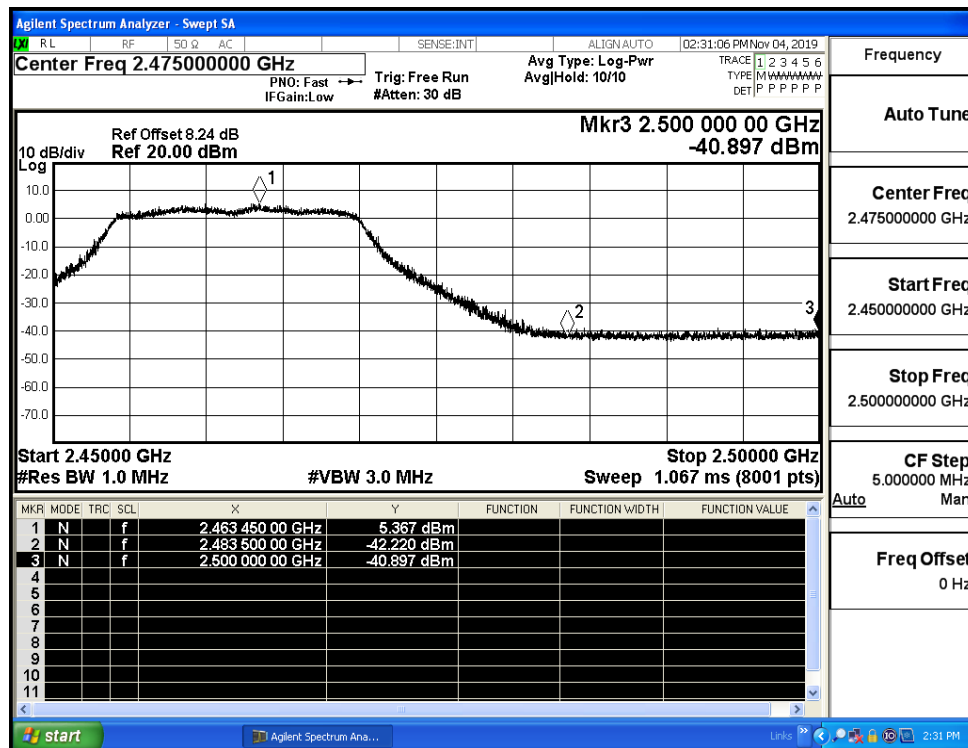
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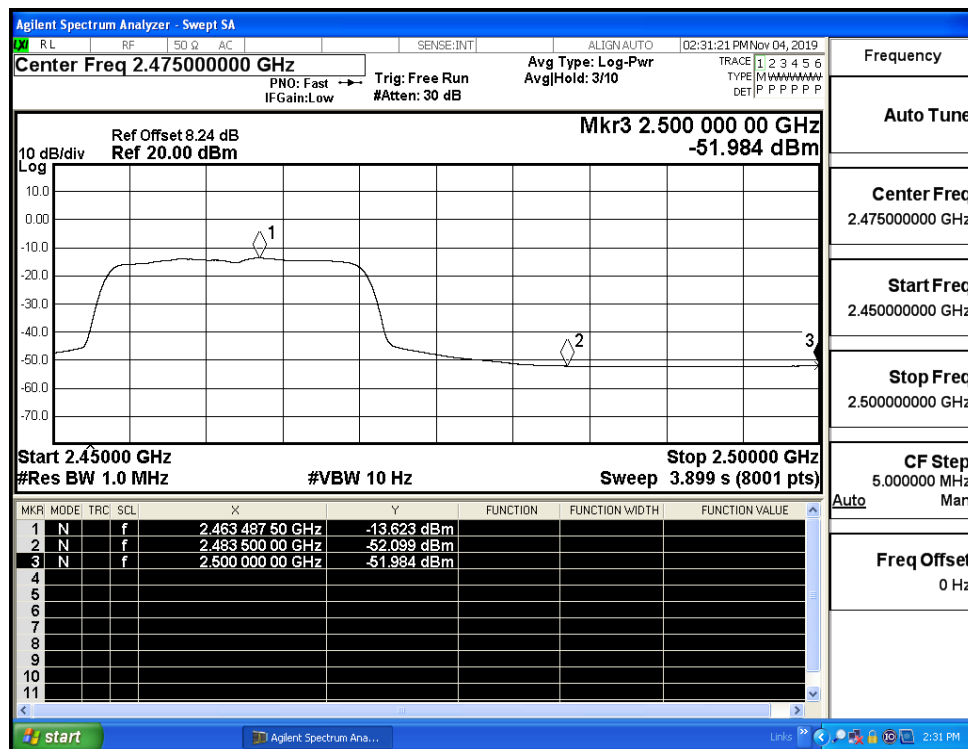
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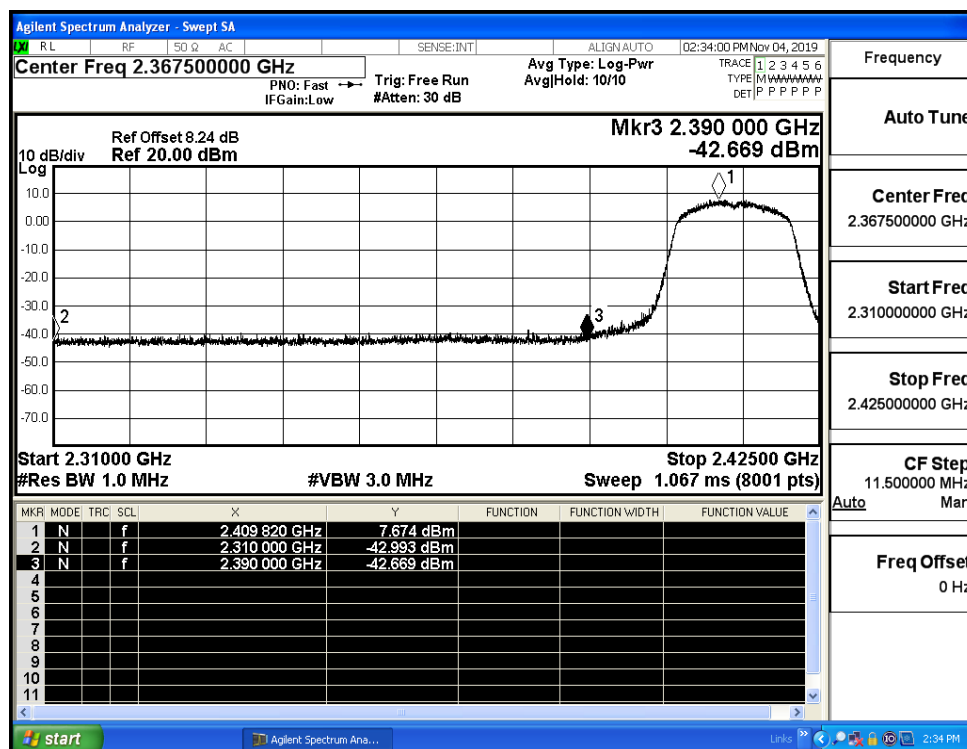
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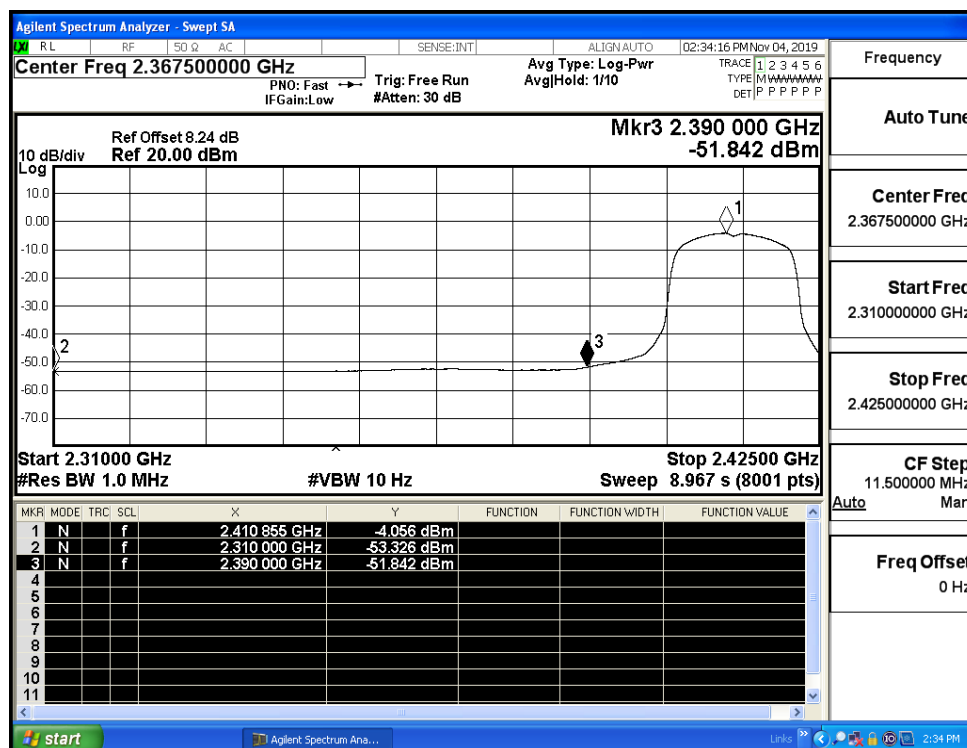
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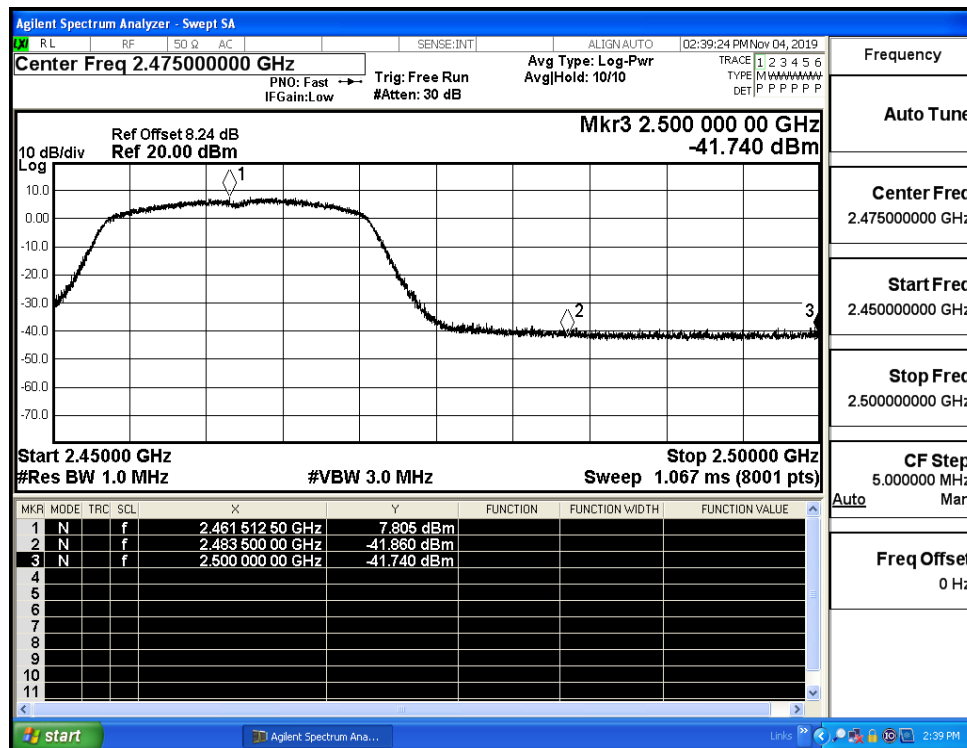
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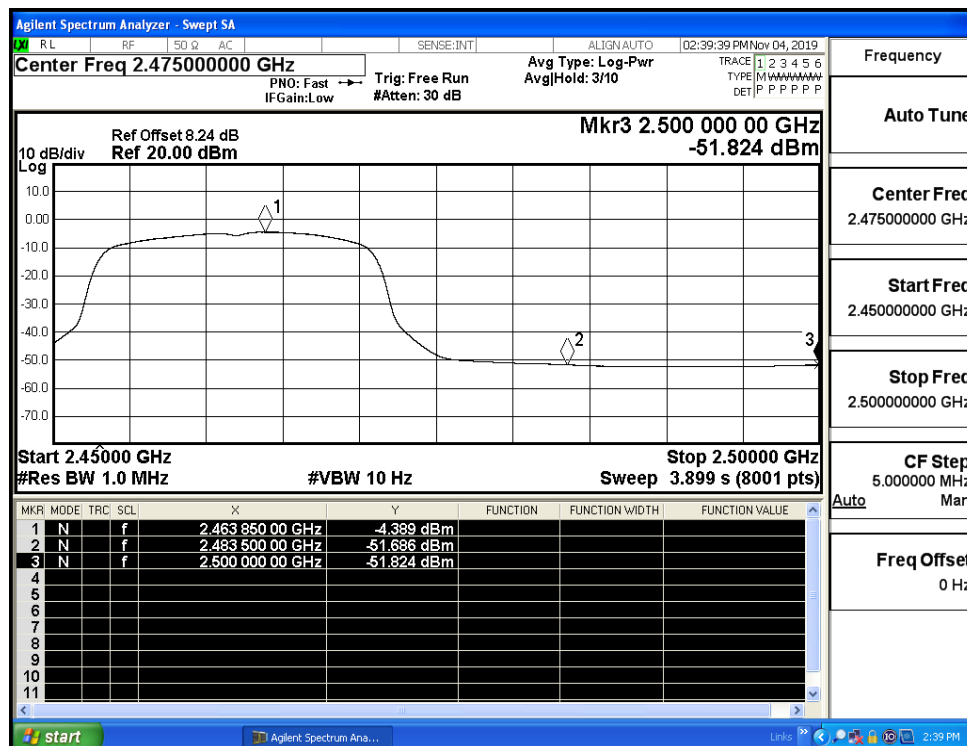
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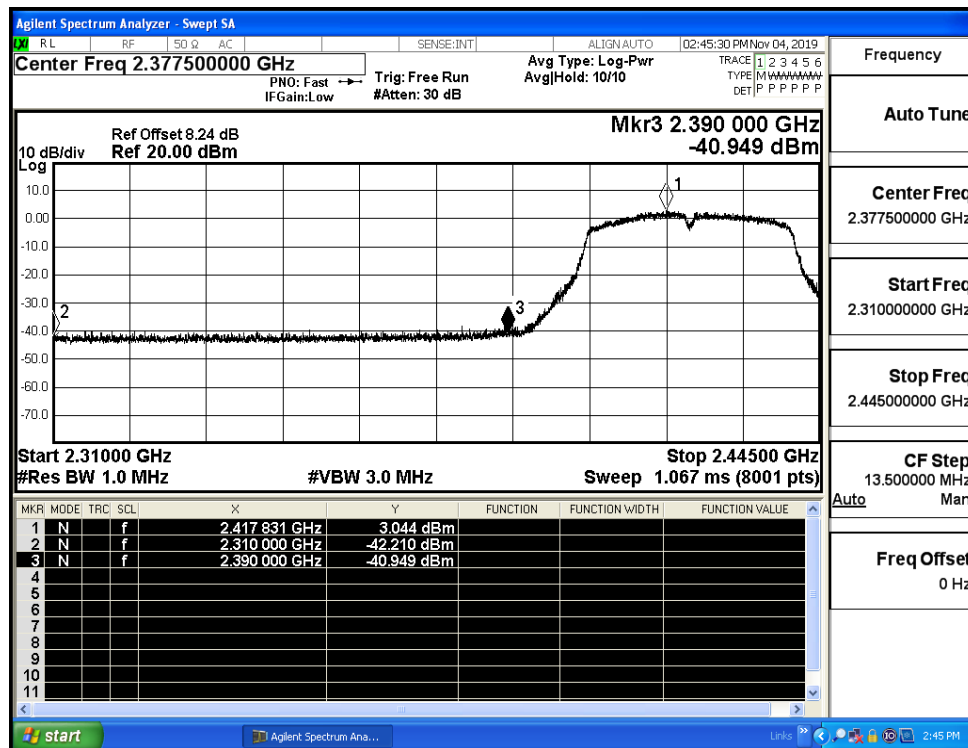
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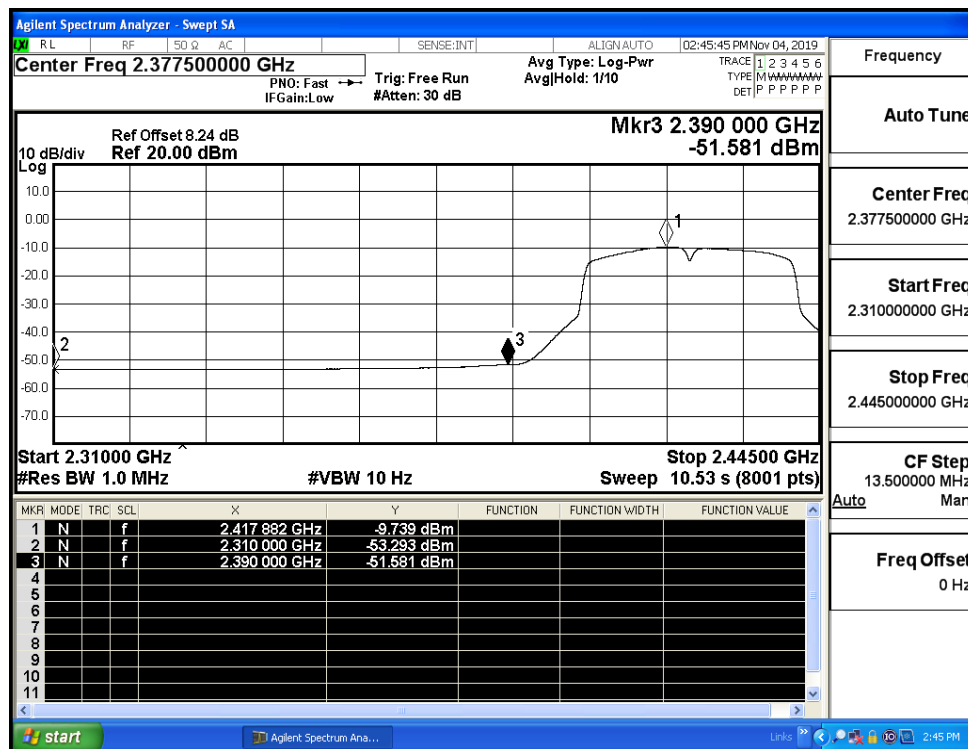
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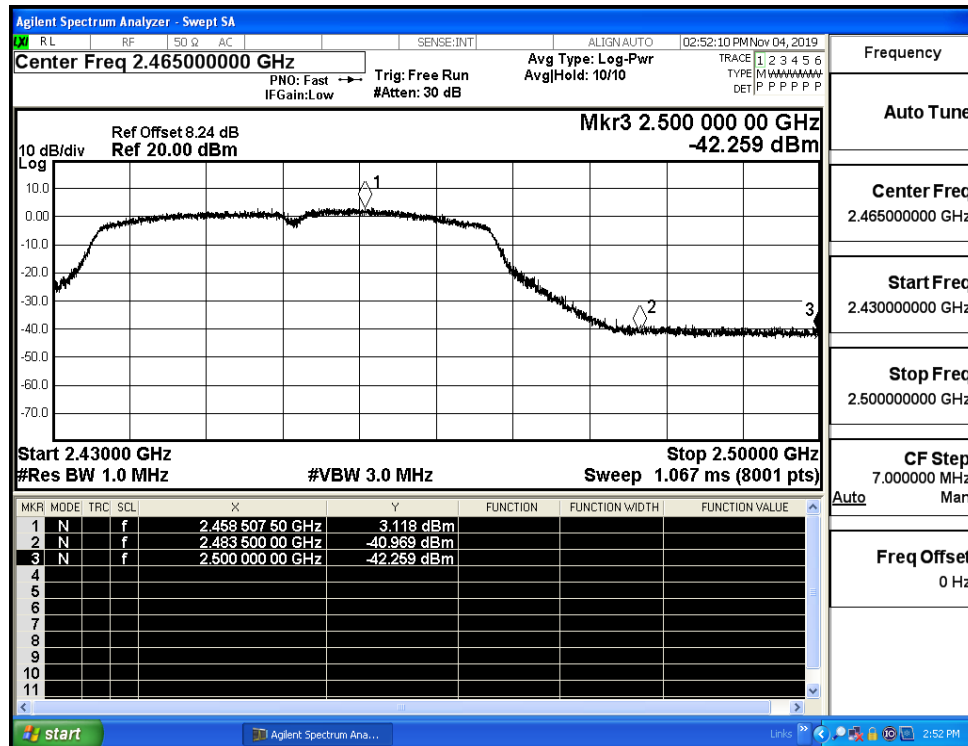
## Restrict-band band-edge measurements\_11N40\_2422\_Ant\_2\_PEAK



## Restrict-band band-edge measurements\_11N40\_2422\_Ant\_2\_AV



## Restrict-band band-edge measurements\_11N40\_2452\_Ant\_2\_PEAK



## Restrict-band band-edge measurements\_11N40\_2452\_Ant\_2\_AV

