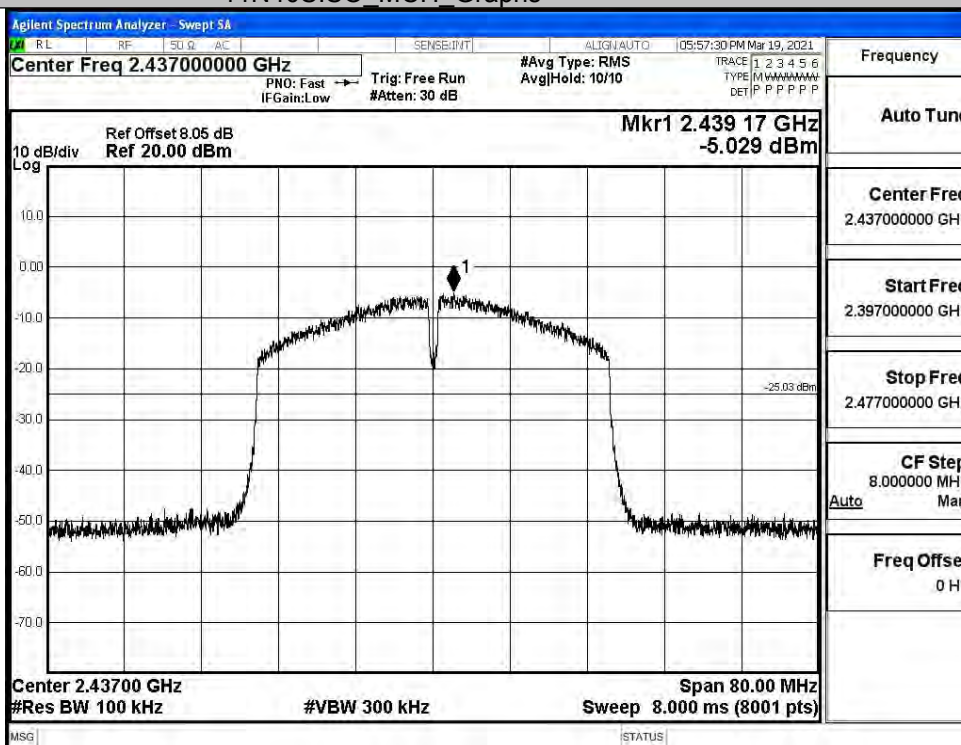
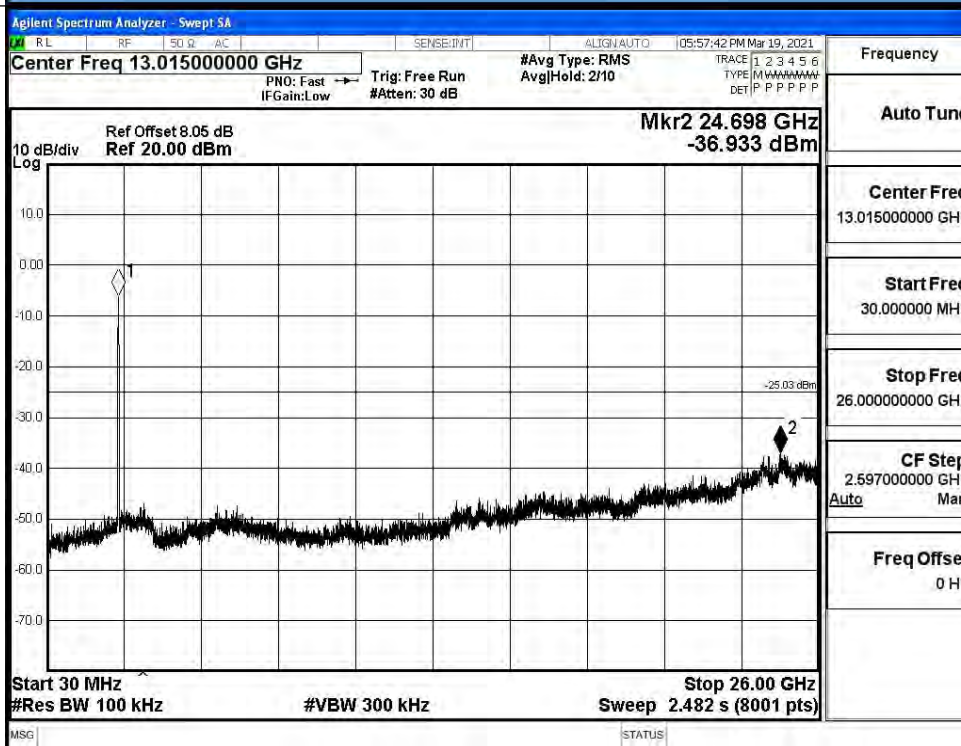
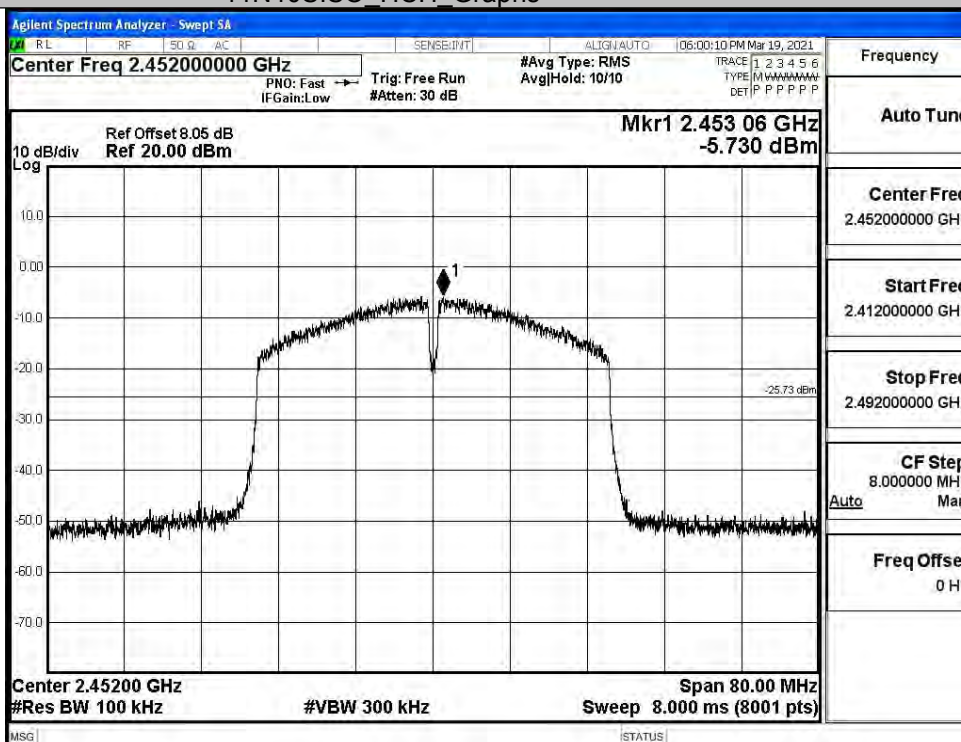
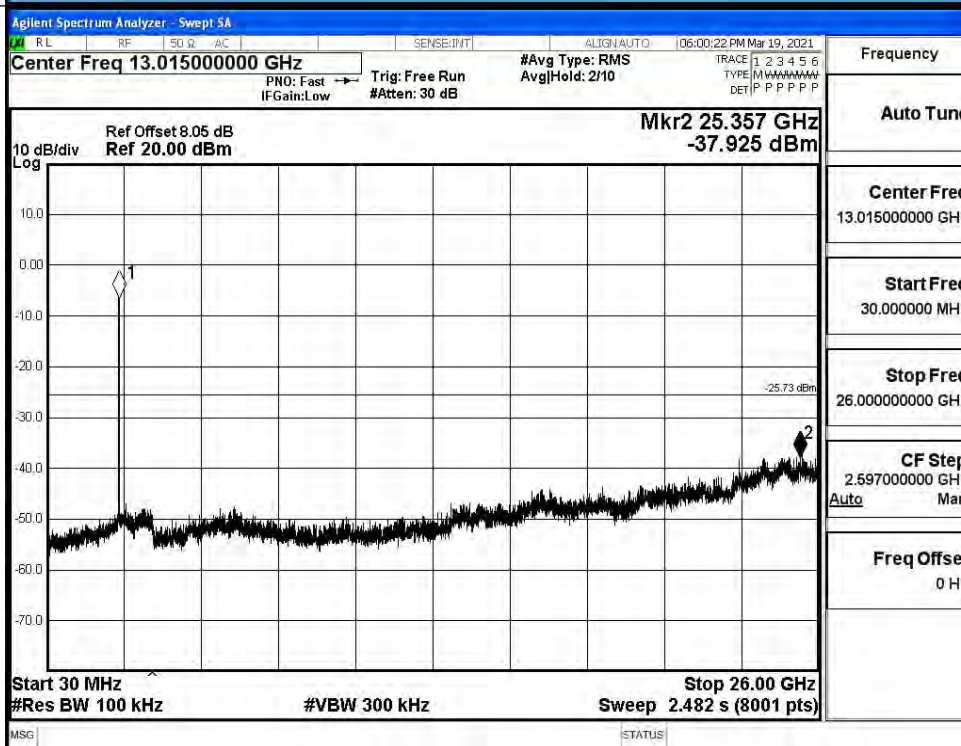


## 11N40SISO MCH\_Graphs

Pref/11N40  
SISO/MCHPuw/11N40  
SISO/MCH

## 11N40SISO HCH Graphs

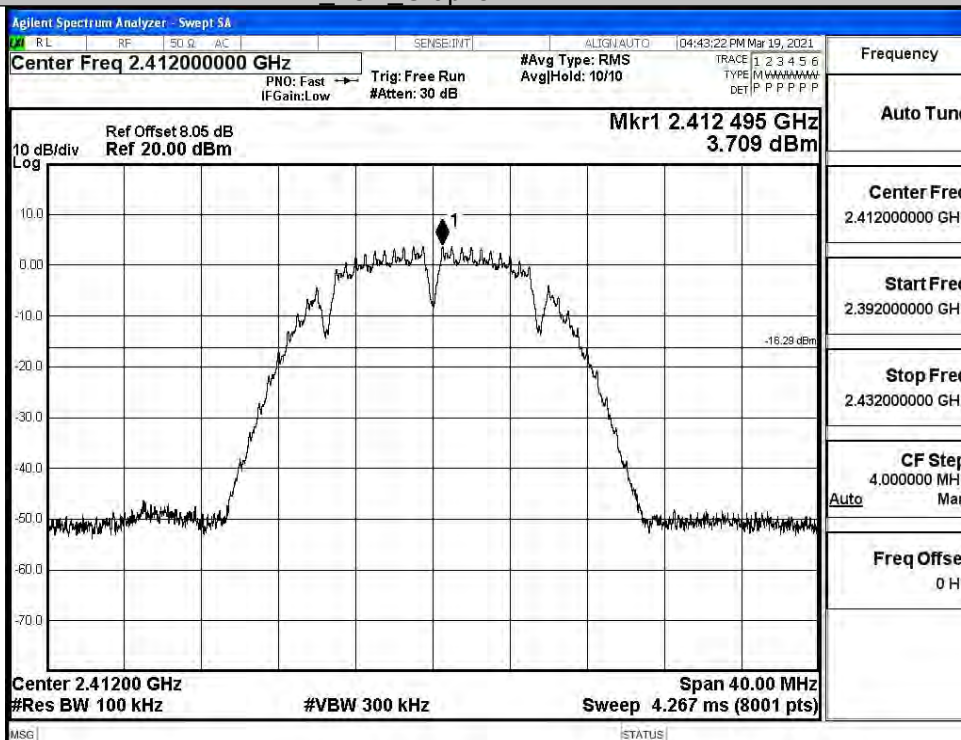
Pref/11N40  
SISO/HCHPuw/11N40  
SISO/HCH

Ant1

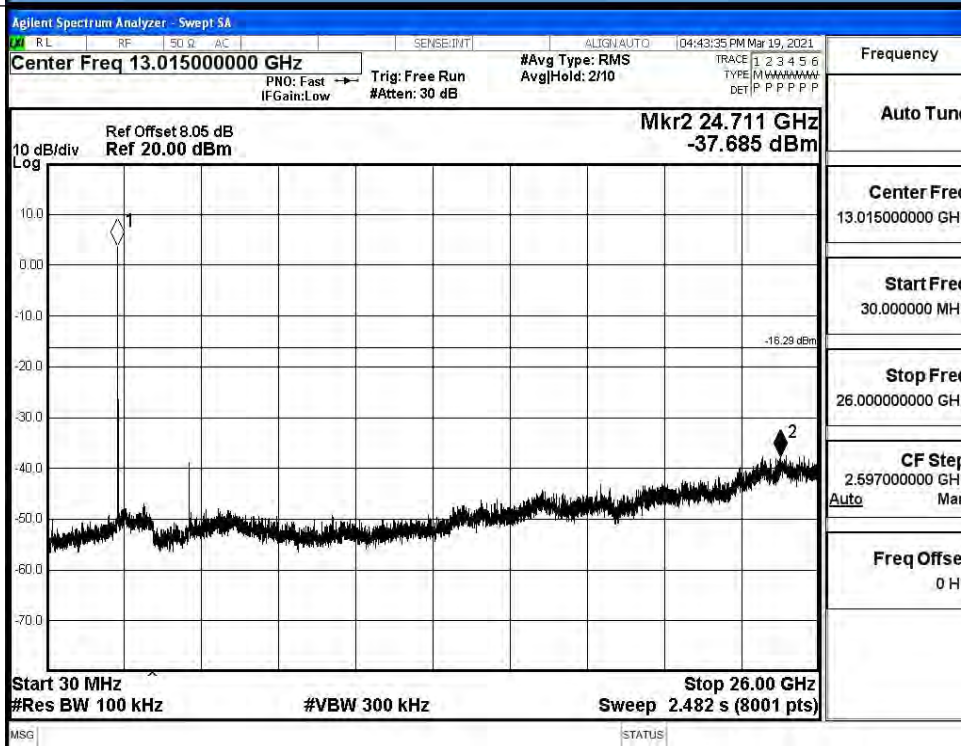
| Mode          | Channel | Pref [dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|---------------|---------|------------|------------------|-------------|---------|
| 11B           | LCH     | 3.709      | -37.685          | -16.291     | PASS    |
|               | MCH     | 4.369      | -37.929          | -15.631     | PASS    |
|               | HCH     | 4.339      | -36.242          | -15.661     | PASS    |
| 11G           | LCH     | -3.666     | -37.598          | -23.666     | PASS    |
|               | MCH     | -2.794     | -37.552          | -22.794     | PASS    |
|               | HCH     | -3.718     | -36.857          | -23.718     | PASS    |
| 11N20<br>SISO | LCH     | -4.116     | -37.180          | -24.116     | PASS    |
|               | MCH     | -2.968     | -37.476          | -22.968     | PASS    |
|               | HCH     | -4.082     | -36.214          | -24.082     | PASS    |
| 11N40<br>SISO | LCH     | -6.296     | -36.961          | -26.296     | PASS    |
|               | MCH     | -5.593     | -36.804          | -25.593     | PASS    |
|               | HCH     | -4.374     | -37.549          | -24.374     | PASS    |

## 11B LCH Graphs

Pref/11B/LCH

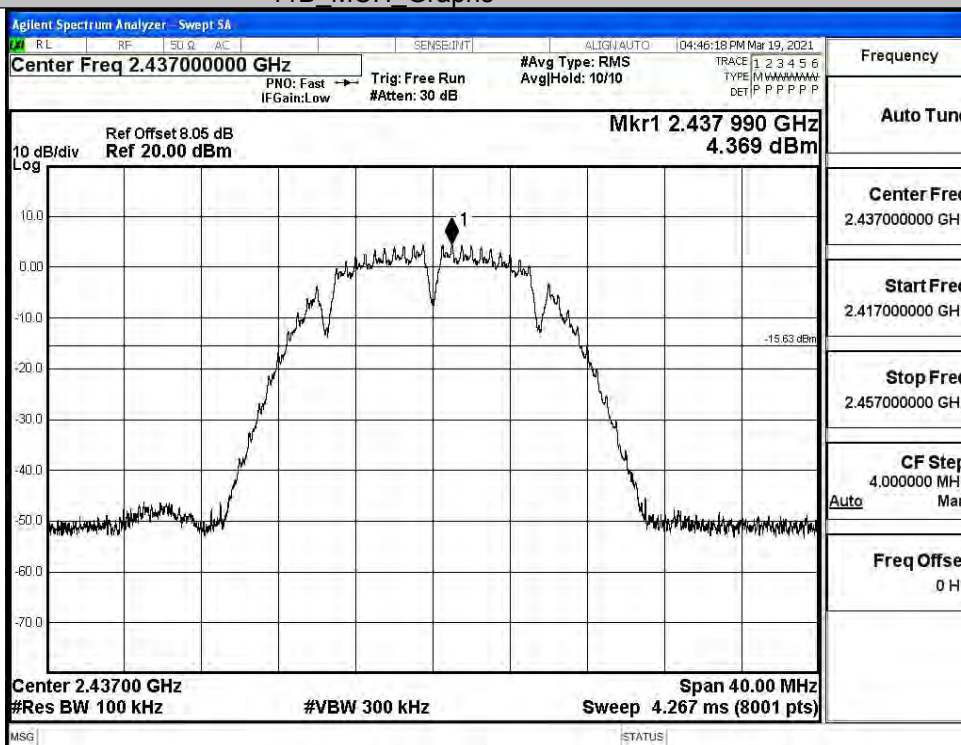


Puw/11B/LCH

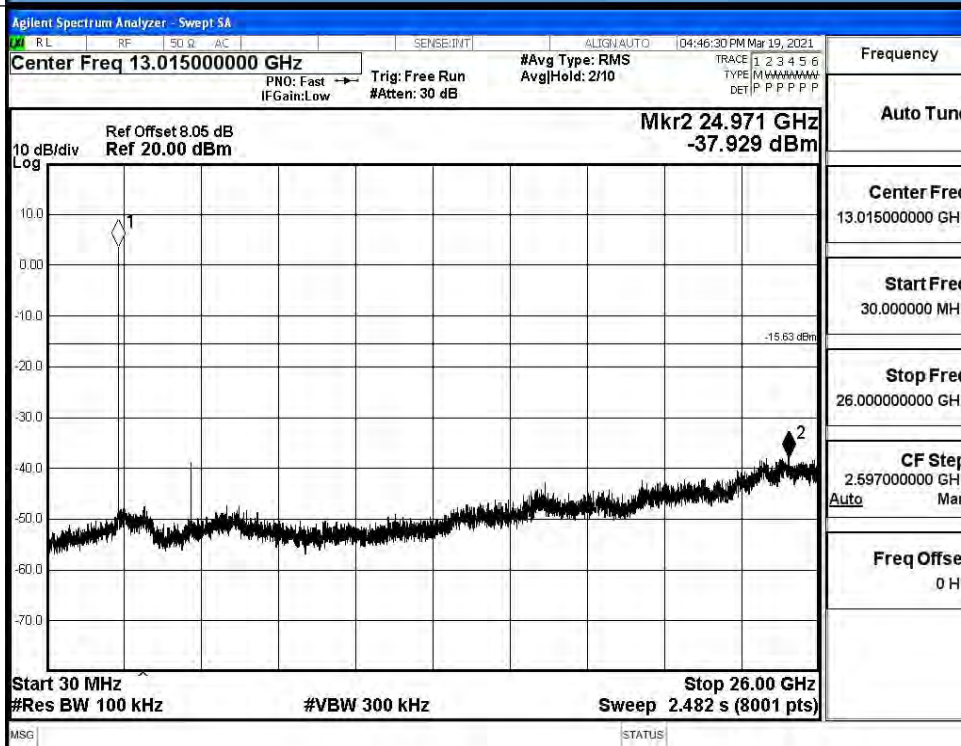


## 11B MCH Graphs

Pref/11B/MCH

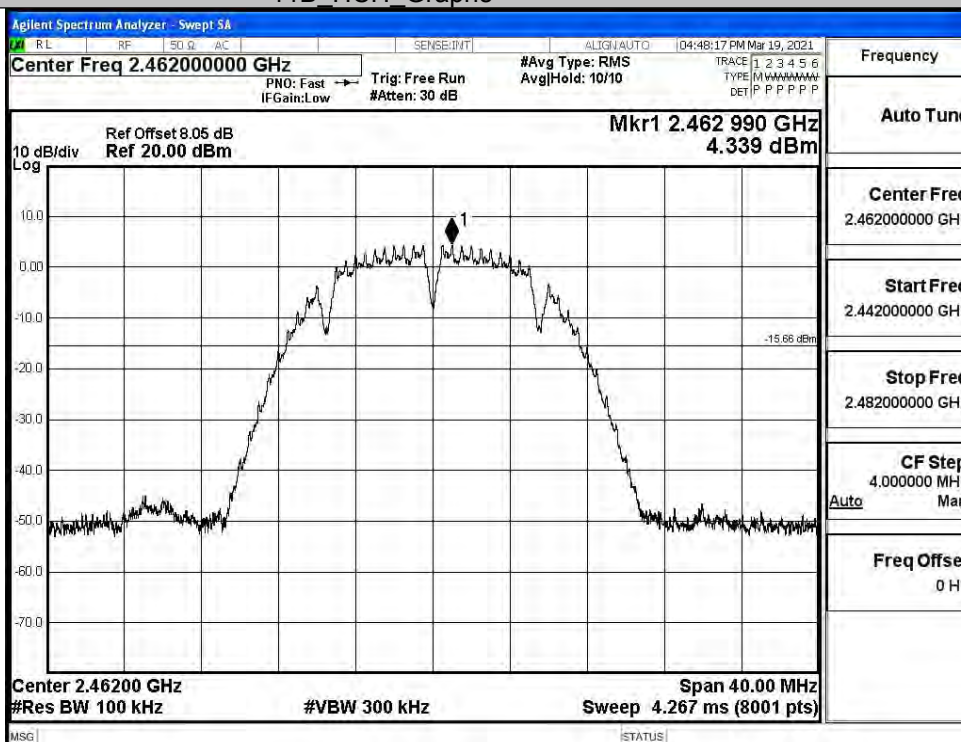


Puw/11B/MCH

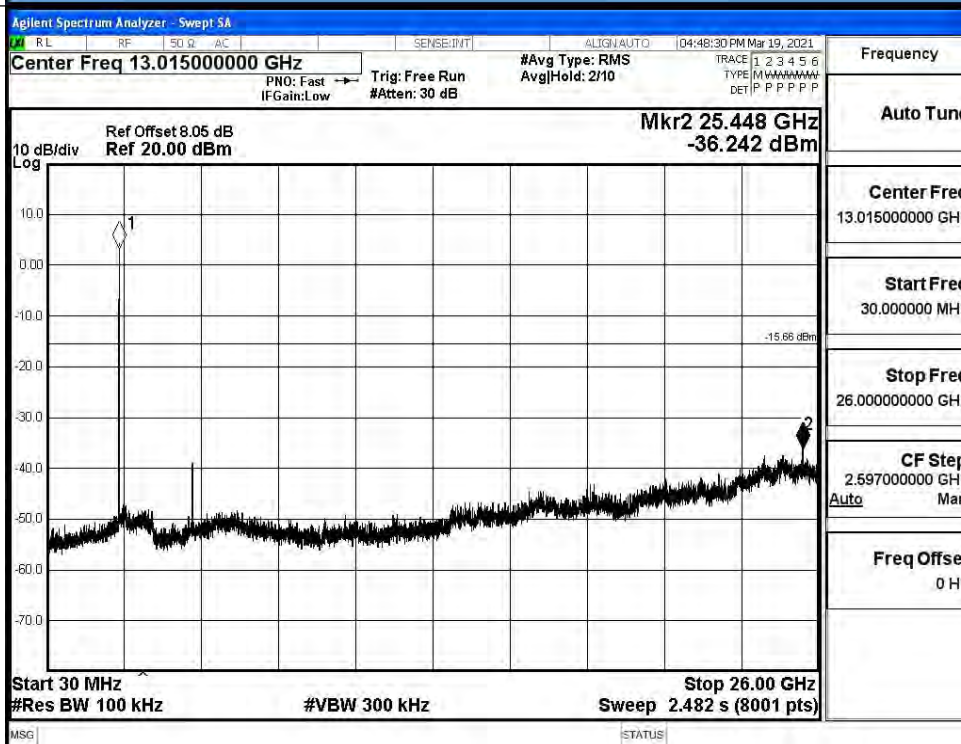


## 11B HCH Graphs

Pref/11B/HCH

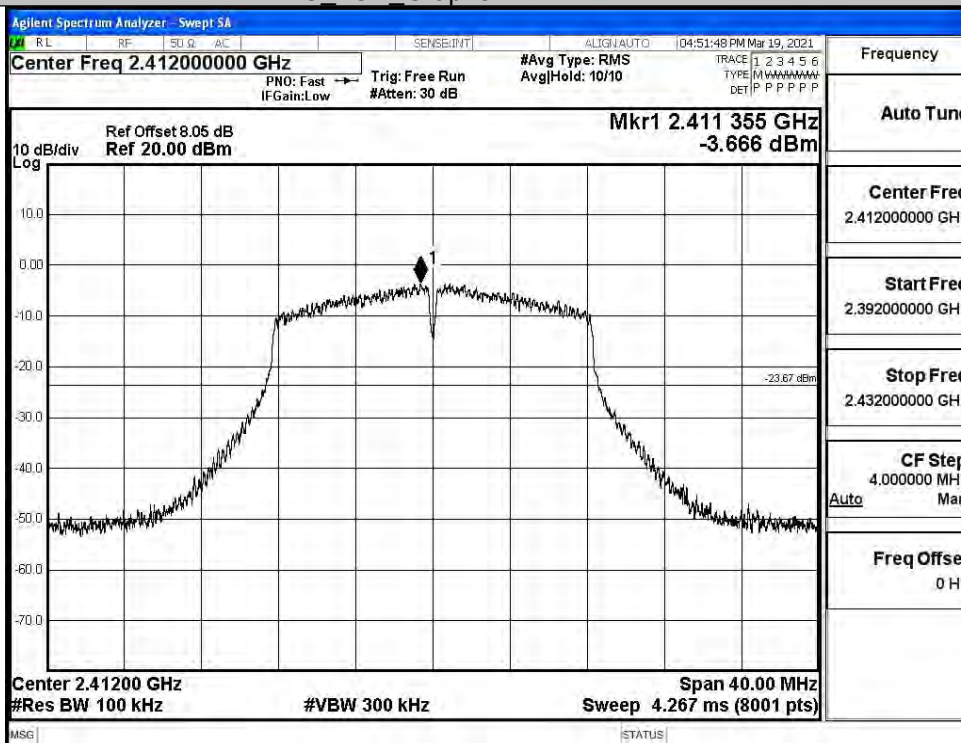


Puw/11B/HCH

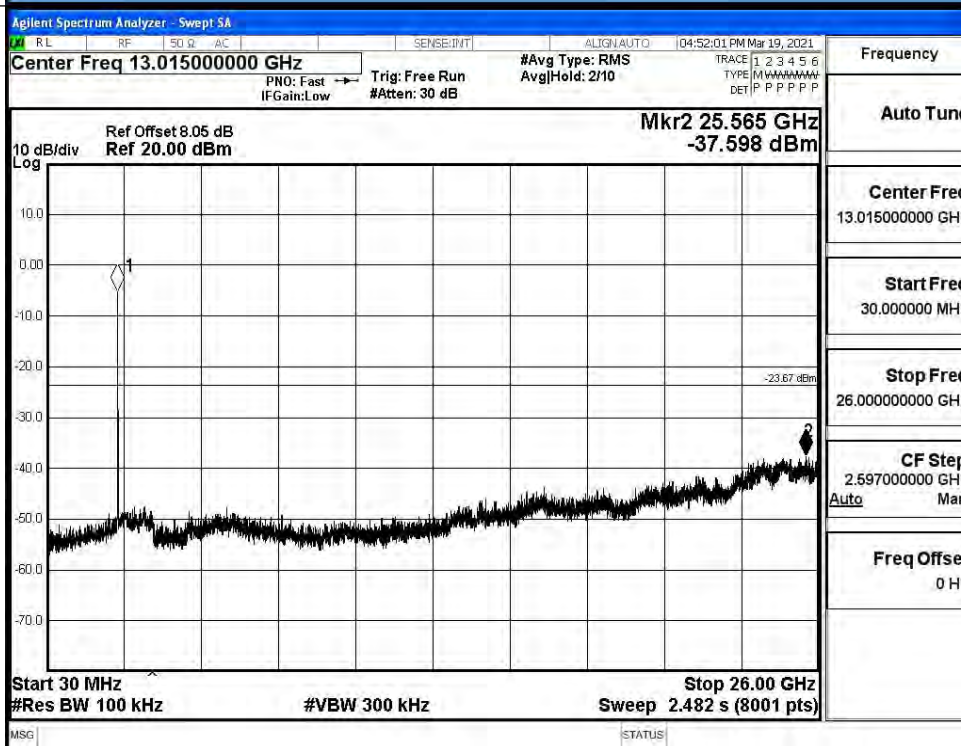


## 11G LCH Graphs

Pref/11G/LCH

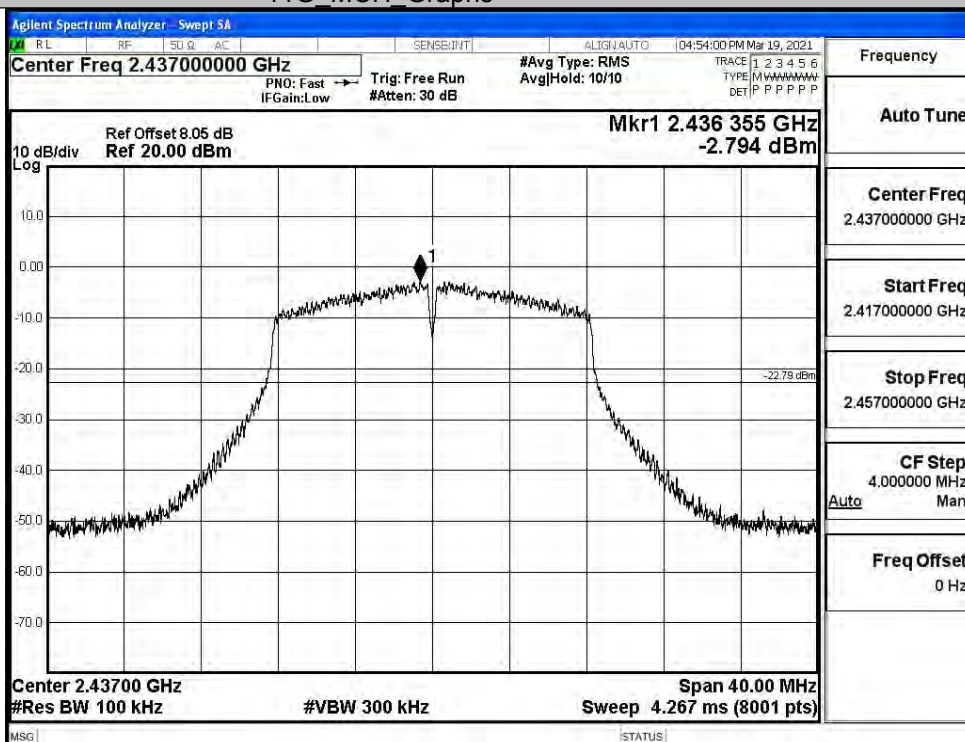


Puw/11G/LCH

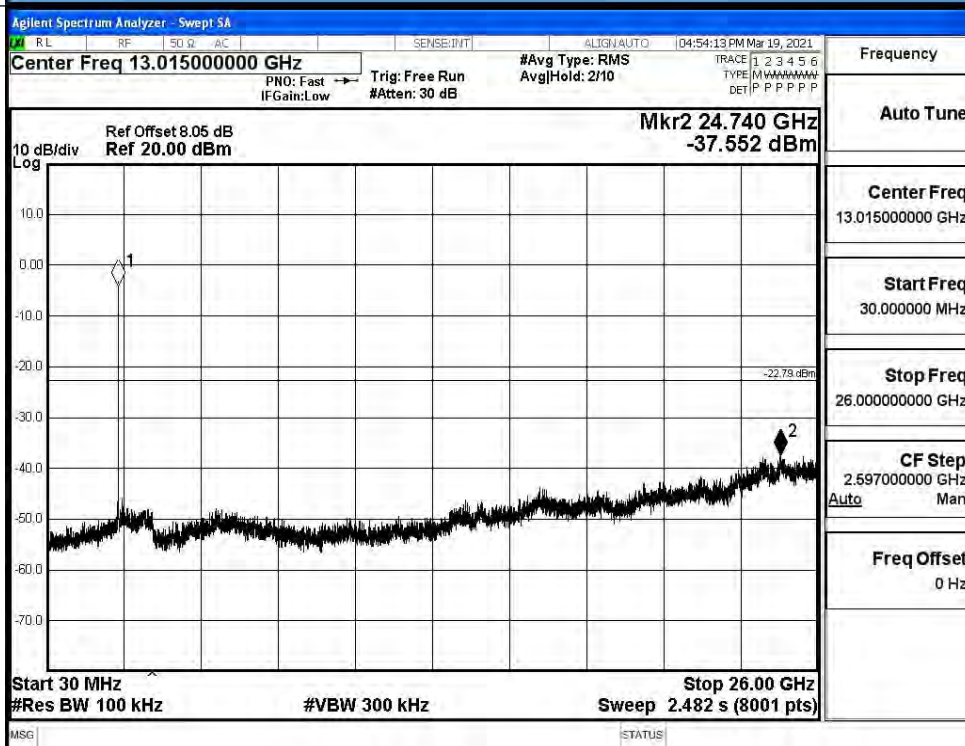


## 11G MCH Graphs

Pref/11G/MCH

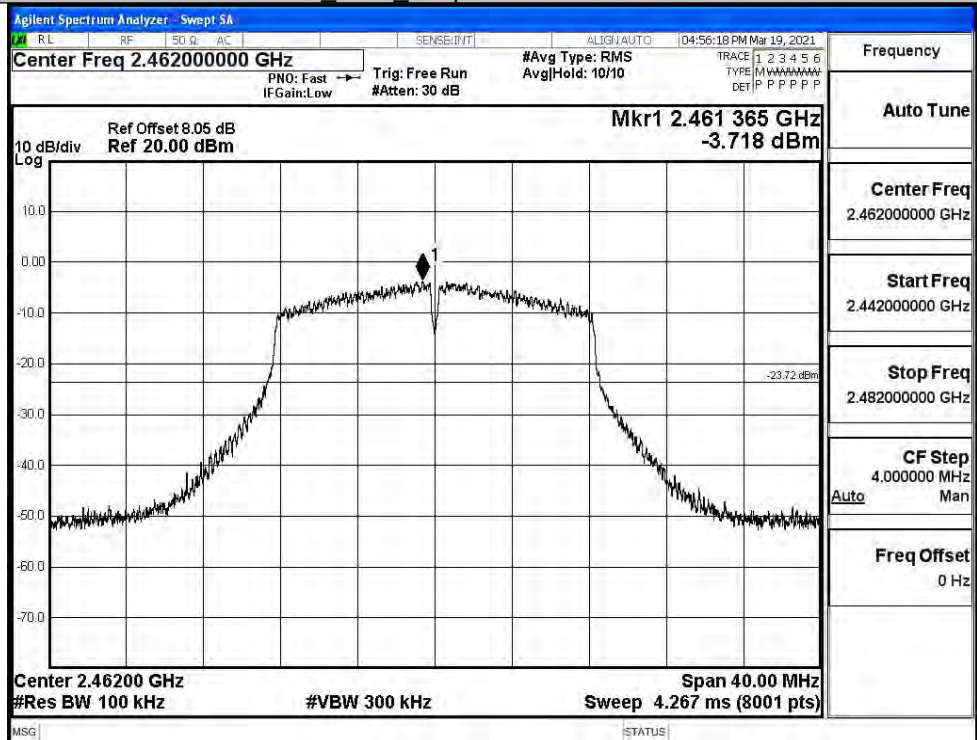


Puw/11G/MCH

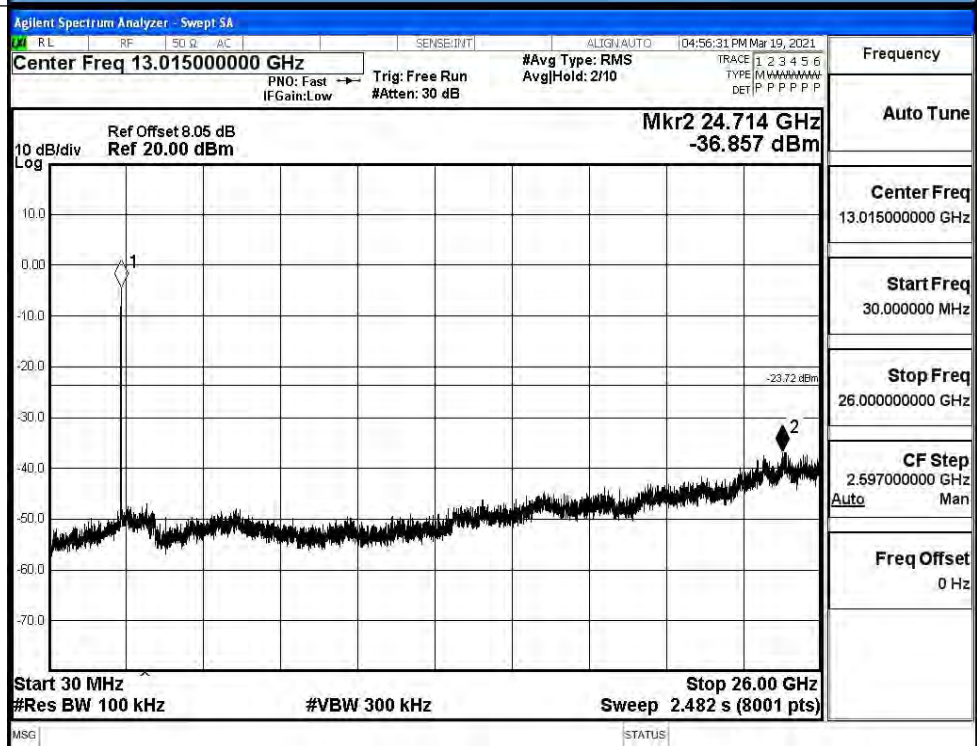


## 11G HCH Graphs

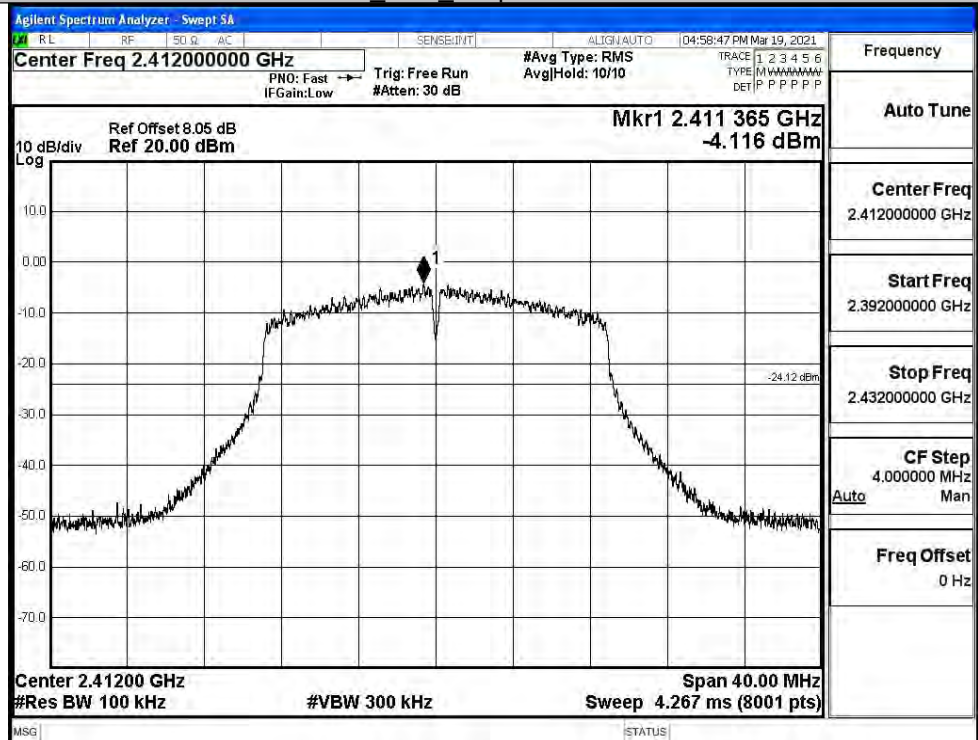
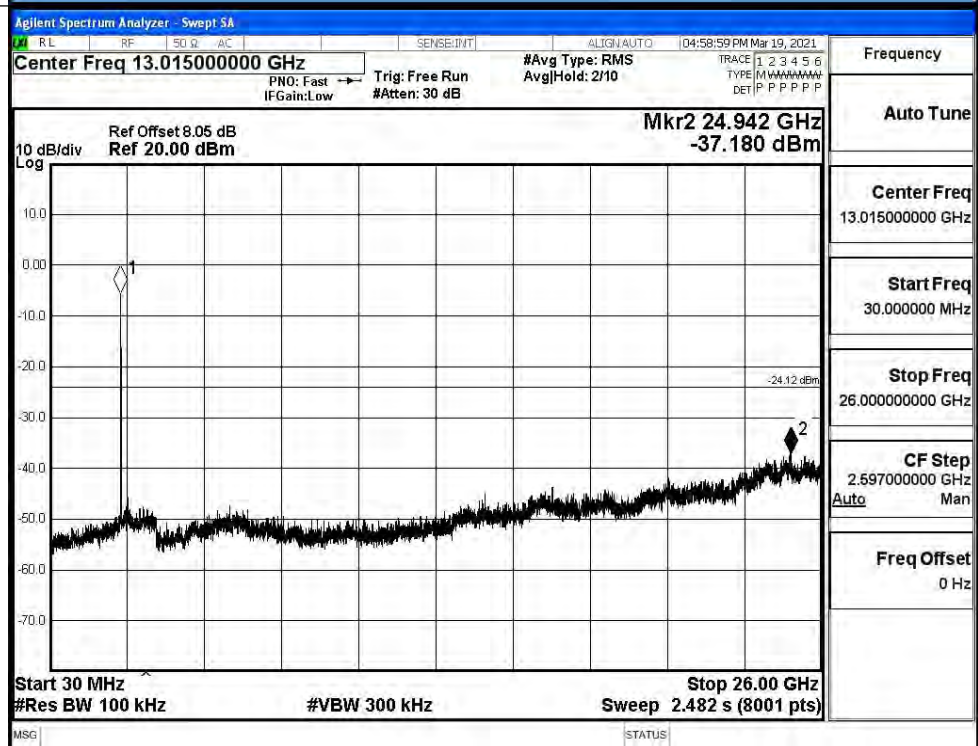
Pref/11G/HCH



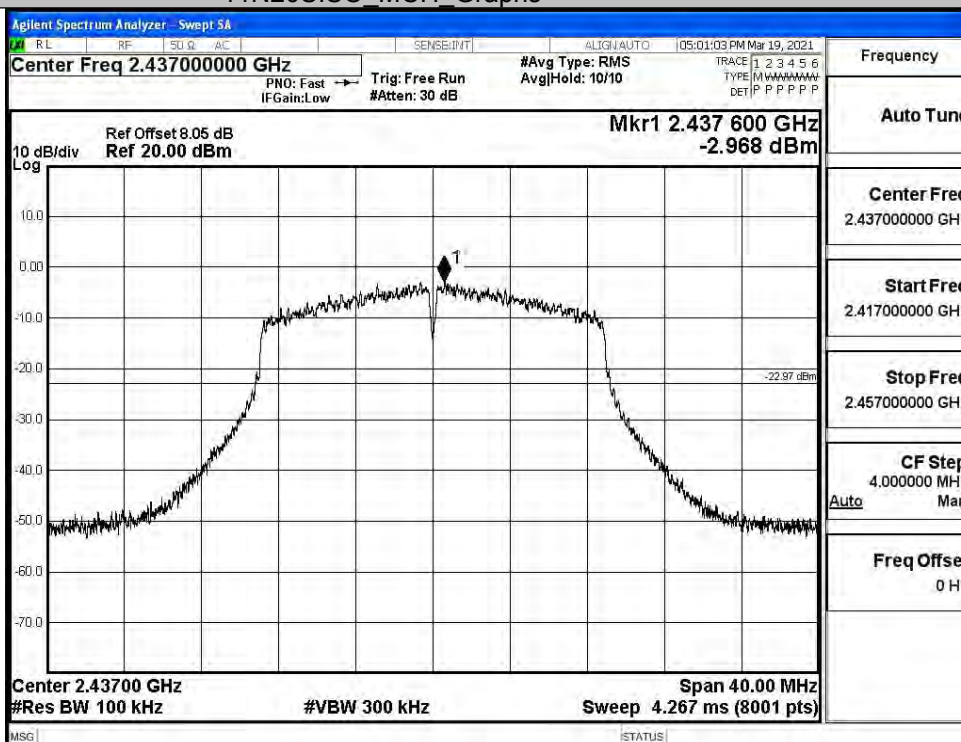
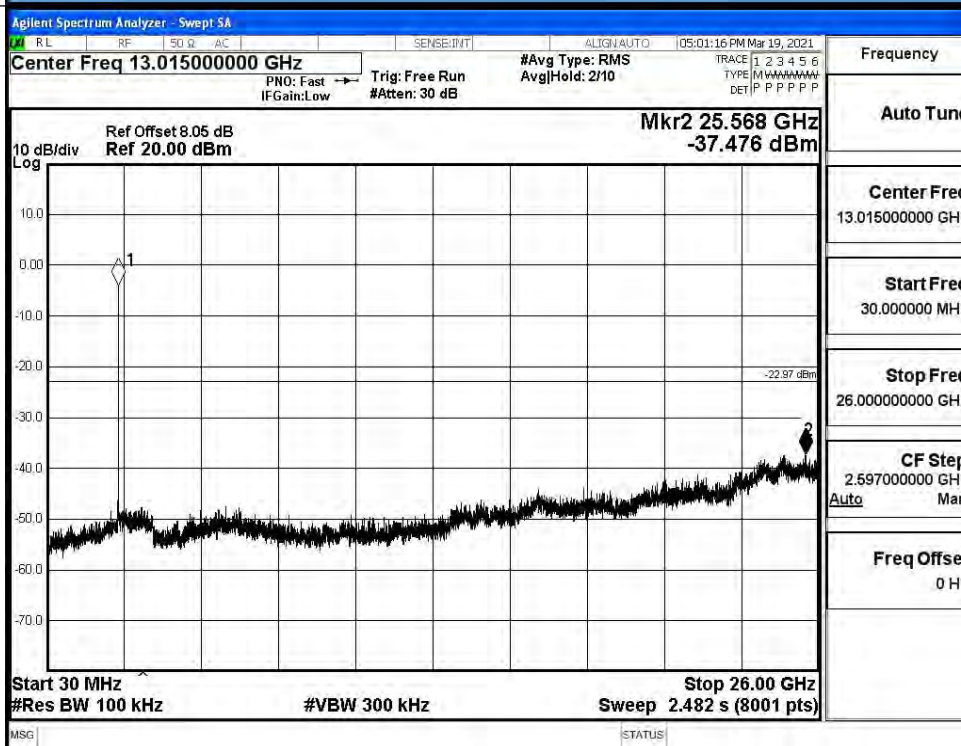
Puw/11G/HCH



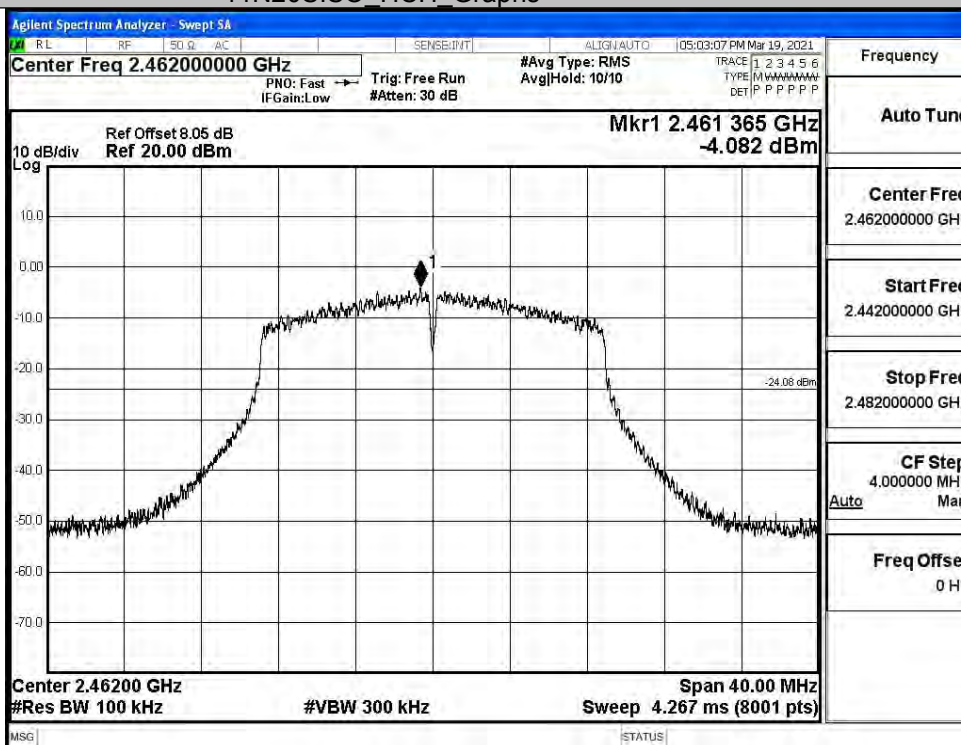
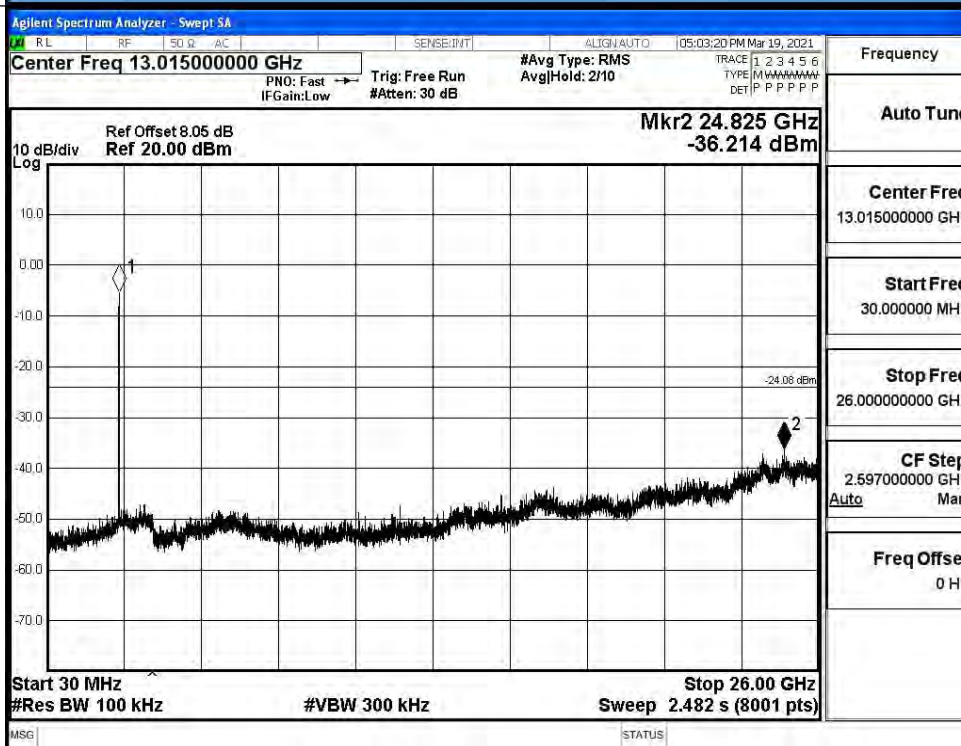
## 11N20SISO LCH Graphs

Pref/11N20SIS  
O/LCHPuw/11N20  
SISO/LCH

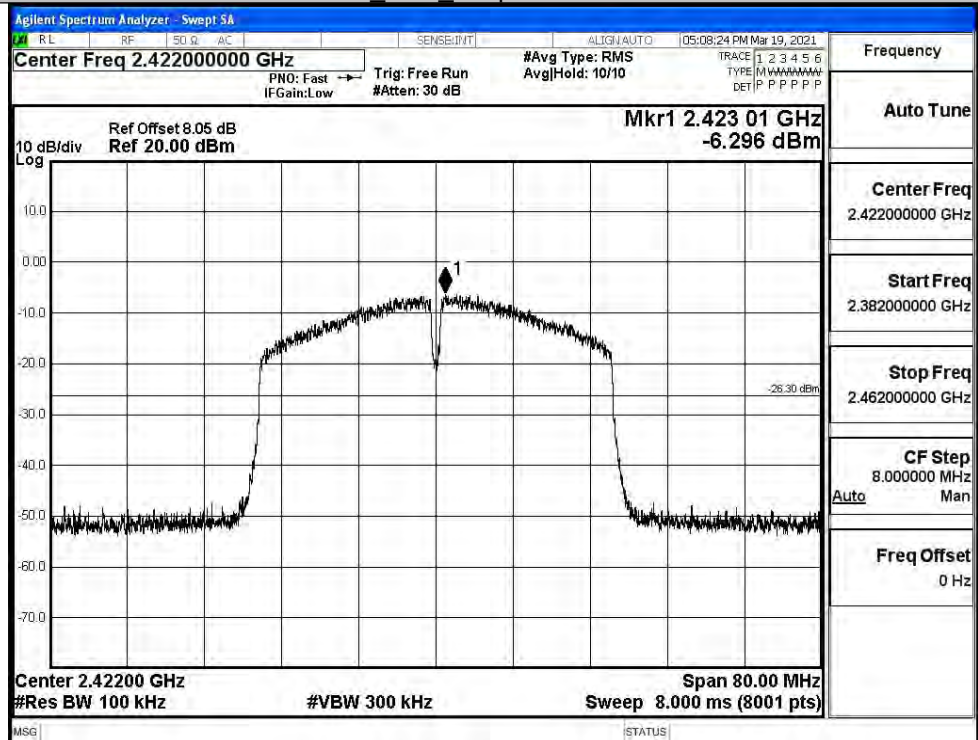
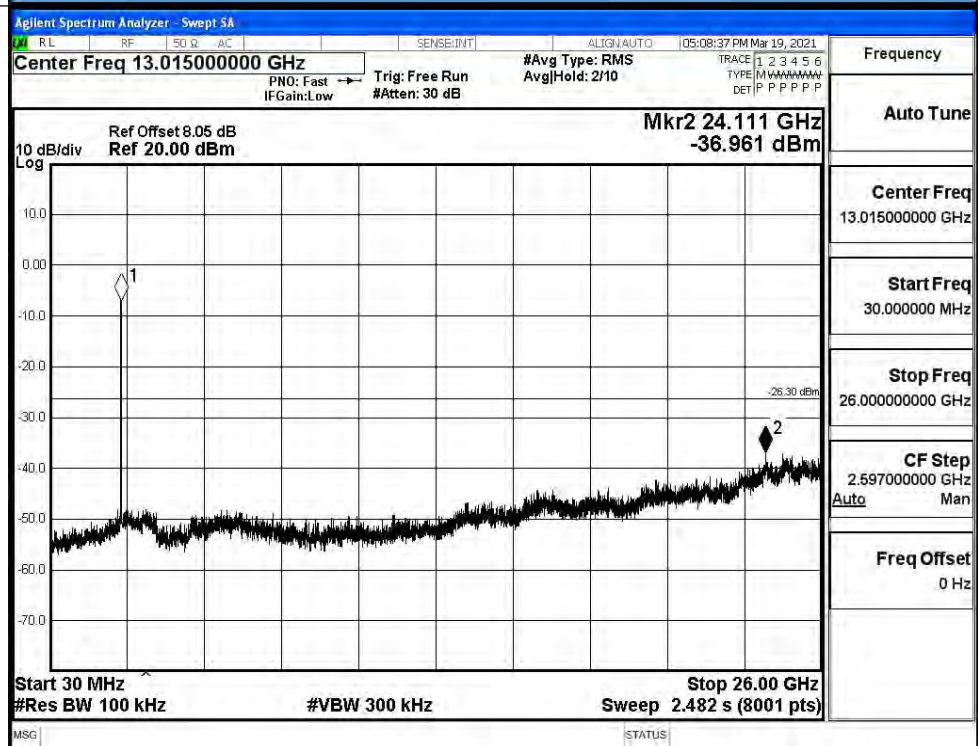
## 11N20SISO MCH\_Graphs

Pref/11N20  
SISO/MCHPuw/11N20  
SISO/MCH

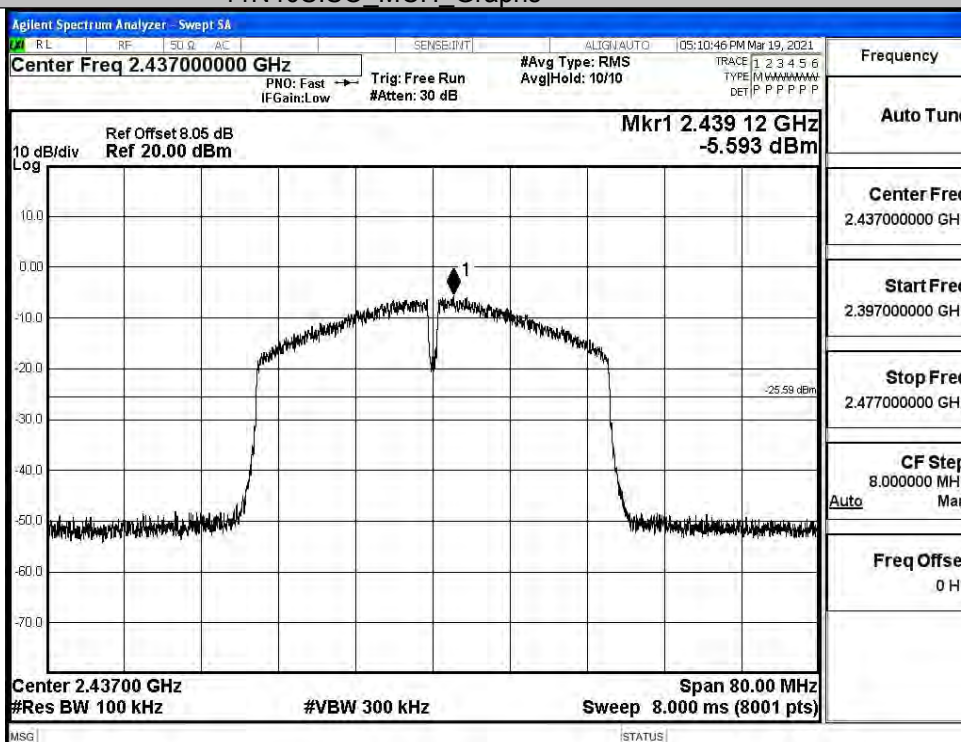
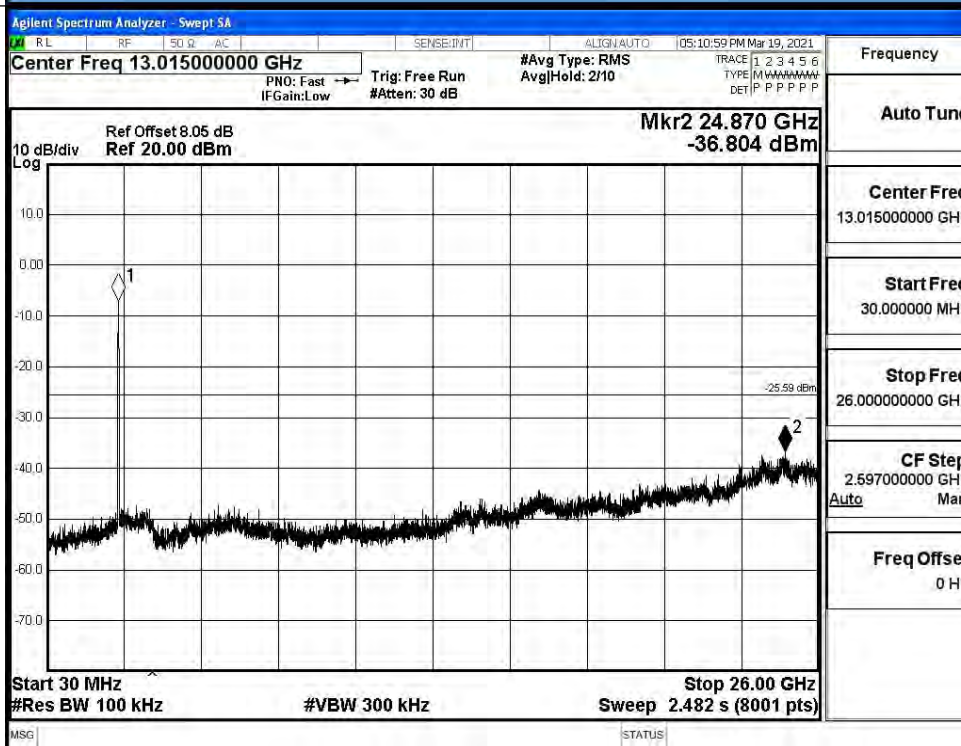
## 11N20SISO HCH Graphs

Pref/11N20  
SISO/HCHPuw/11N20  
SISO/HCH

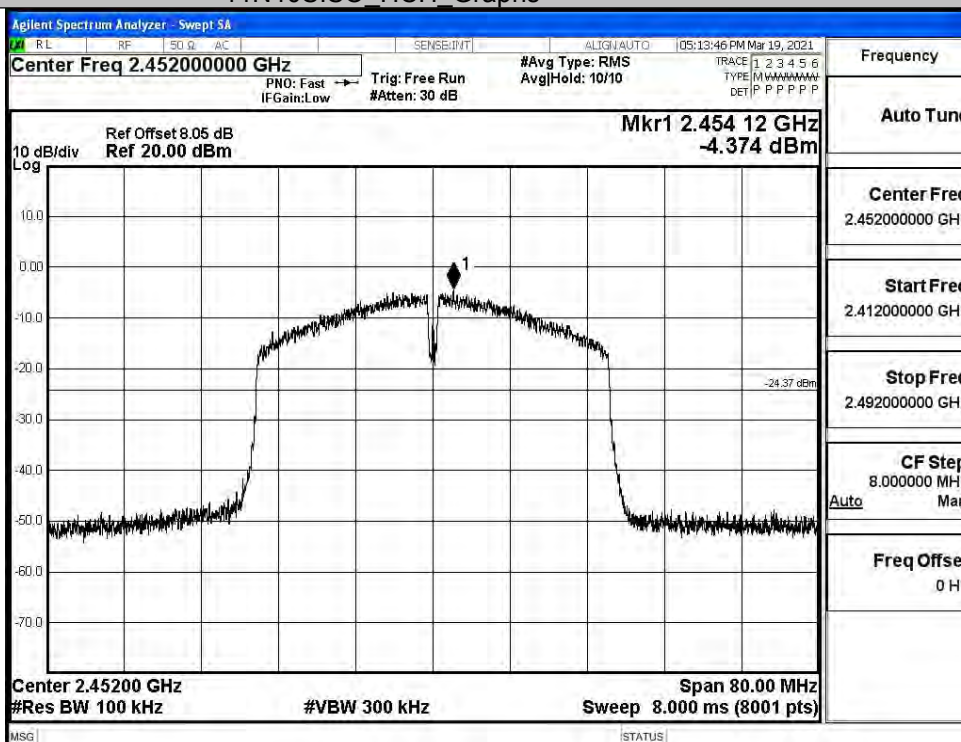
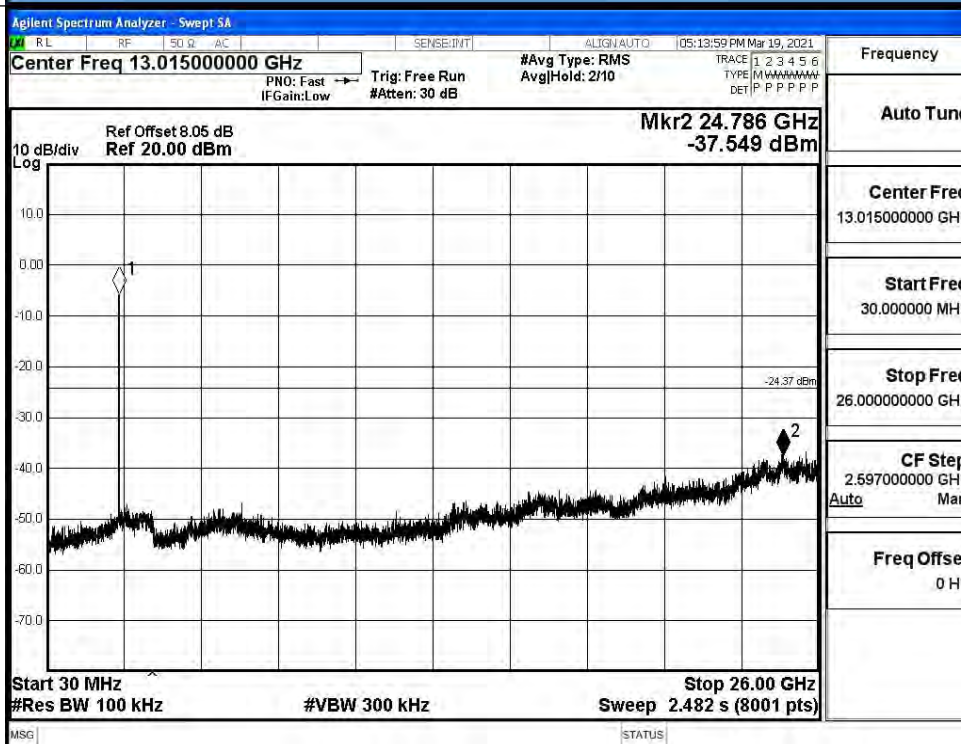
## 11N40SISO LCH Graphs

Pref/11N40  
SISO/LCHPuw/11N40  
SISO/LCH

## 11N40SISO MCH\_Graphs

Pref/11N40  
SISO/MCHPuw/11N40  
SISO/MCH

## 11N40SISO HCH Graphs

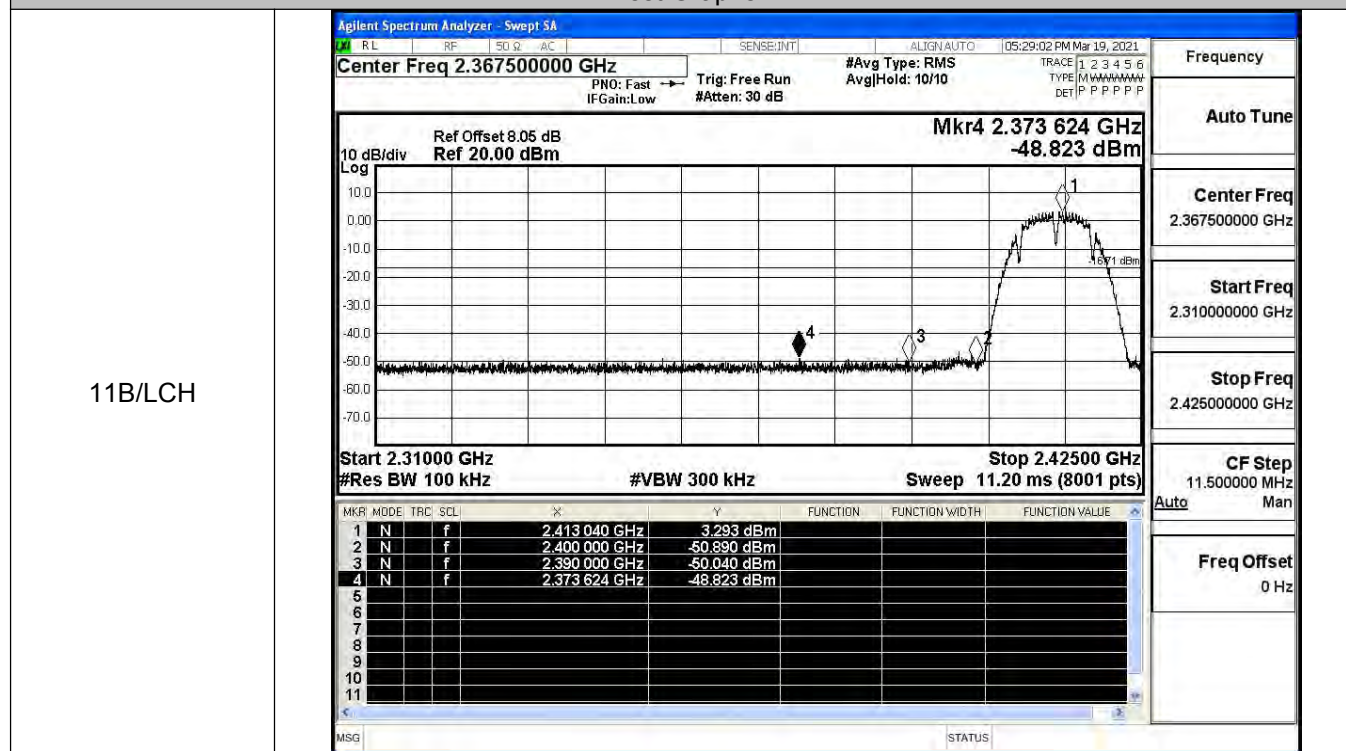
Pref/11N40  
SISO/HCHPuw/11N40  
SISO/HCH

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

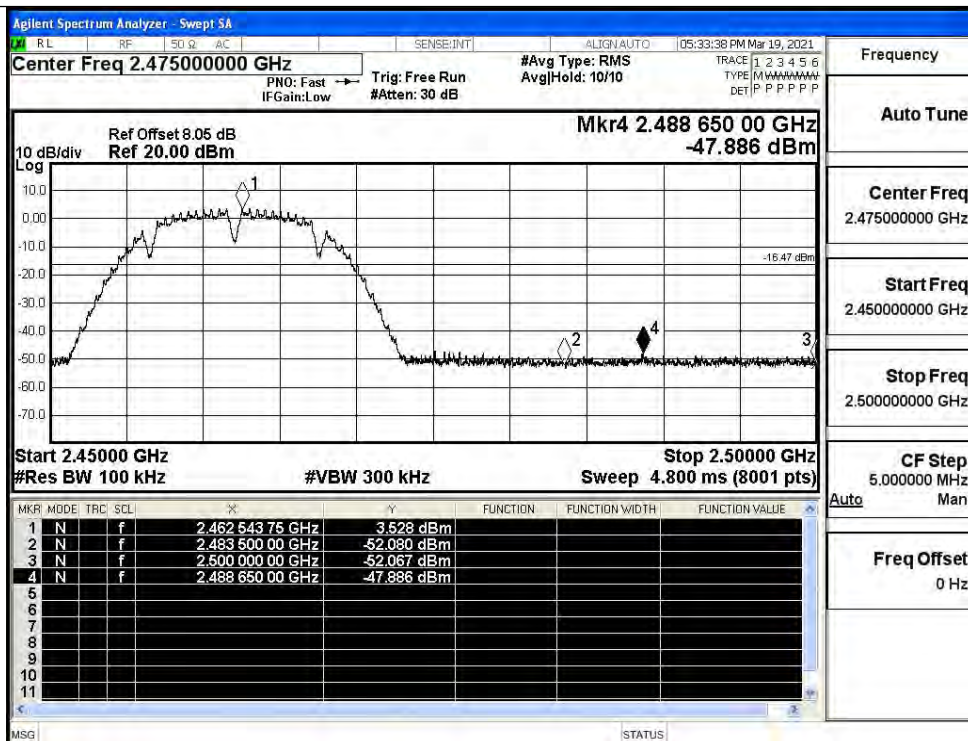
Ant0

| Mode      | Channel | Carrier Power[dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------------------|--------------------------|-------------|---------|
| 11B       | LCH     | 3.293              | -48.823                  | -16.71      | PASS    |
|           | HCH     | 3.528              | -47.886                  | -16.47      | PASS    |
| 11G       | LCH     | -3.636             | -47.806                  | -23.64      | PASS    |
|           | HCH     | -4.402             | -48.458                  | -24.4       | PASS    |
| 11N20SISO | LCH     | -3.894             | -49.359                  | -23.89      | PASS    |
|           | HCH     | -3.854             | -47.478                  | -23.85      | PASS    |
| 11N40SISO | LCH     | -5.614             | -48.470                  | -25.61      | PASS    |
|           | HCH     | -5.881             | -48.320                  | -25.88      | PASS    |

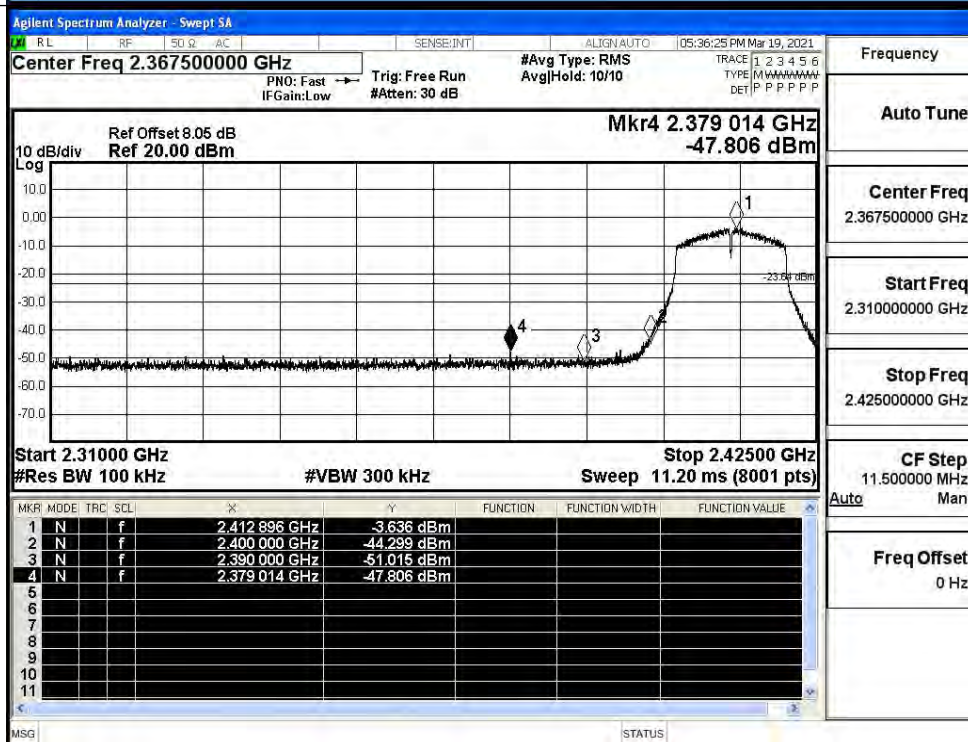
Test Graphs



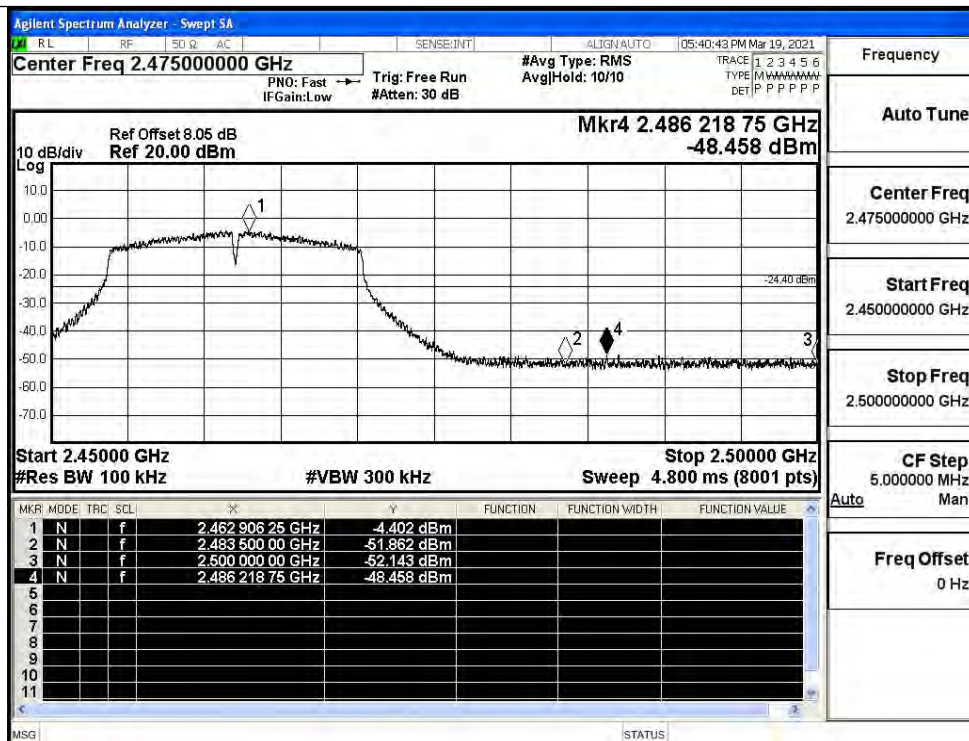
11B/HCH



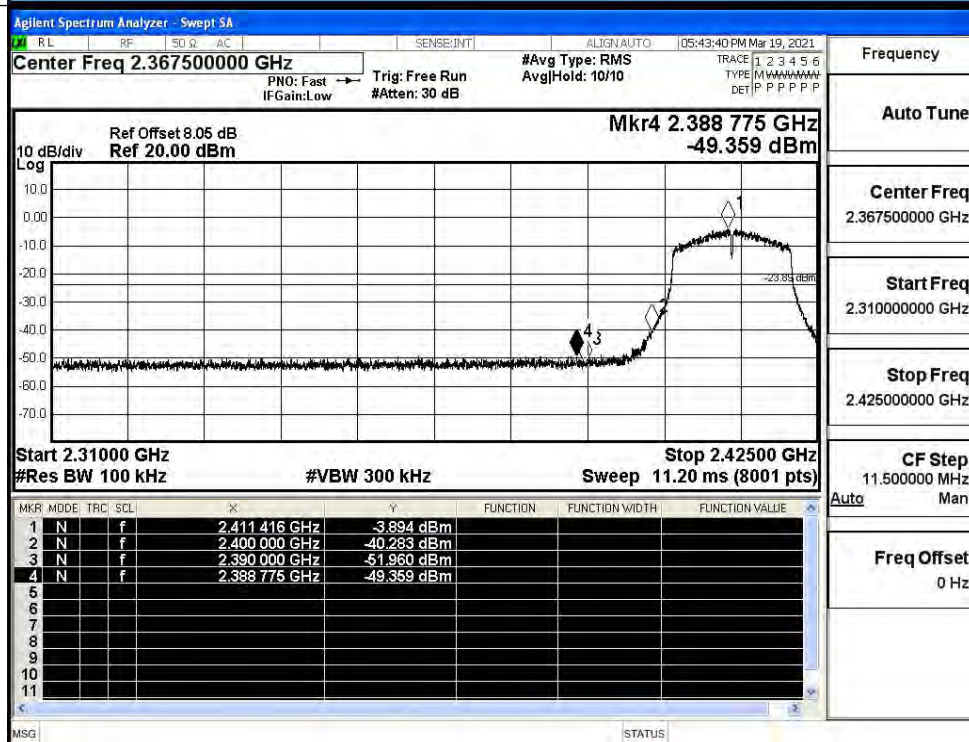
11G/LCH



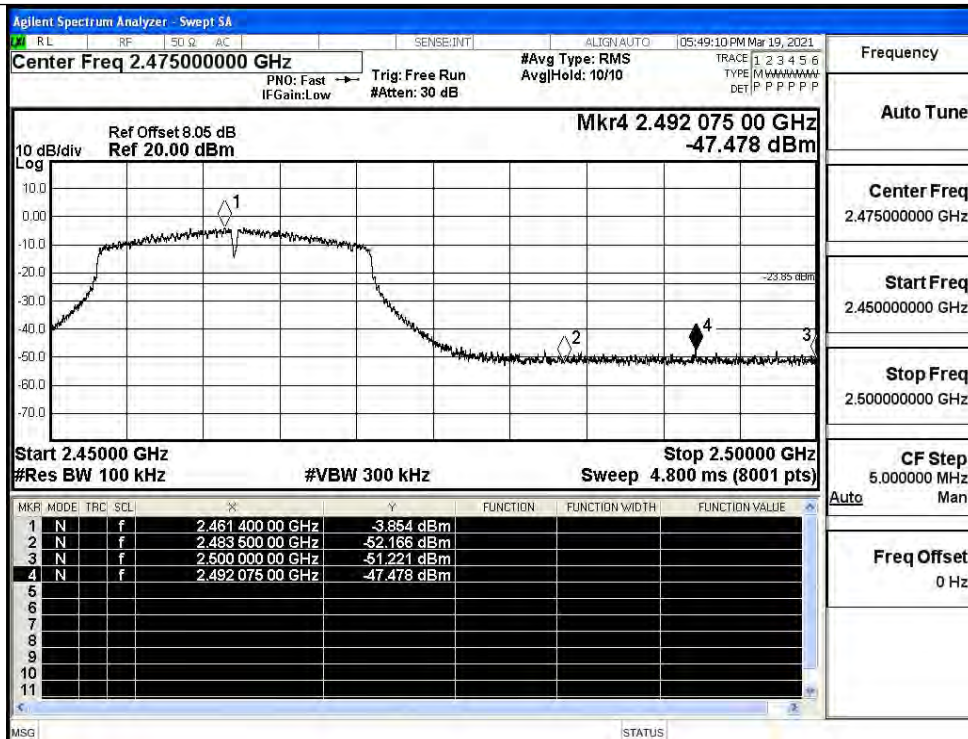
11G/HCH



11N20SISO/LCH



11N20SISO/HCH



Frequency

Auto Tune

Center Freq

2.475000000 GHz

Start Freq

2.450000000 GHz

Stop Freq

2.500000000 GHz

CF Step

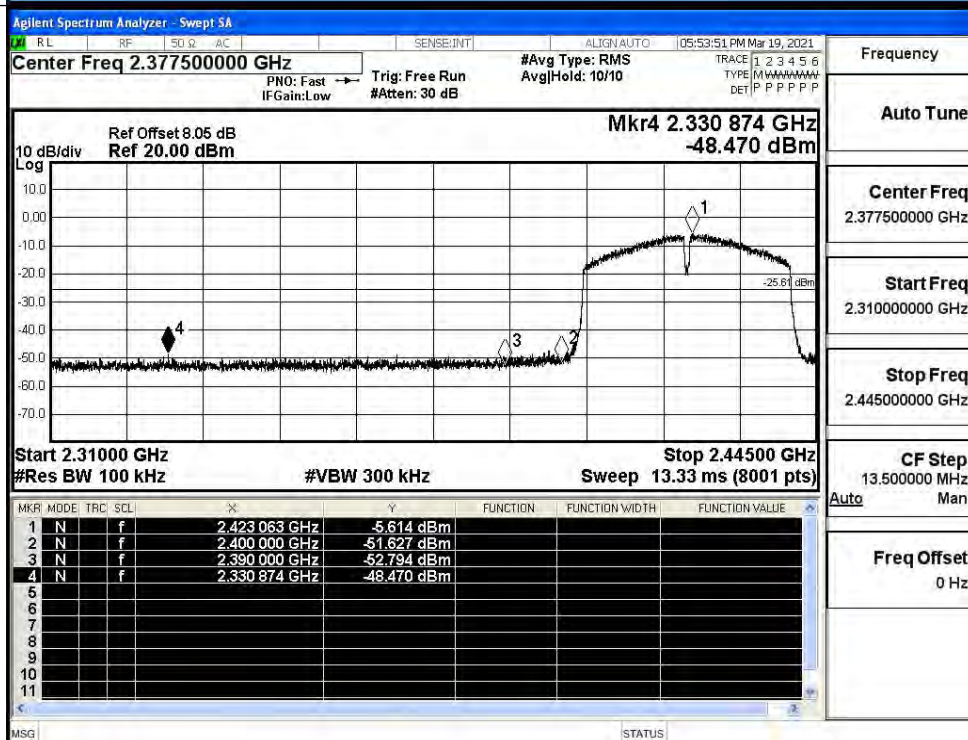
5.000000 MHz

Auto Man

Freq Offset

0 Hz

11N40SISO/LCH



Frequency

Auto Tune

Center Freq

2.377500000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.445000000 GHz

CF Step

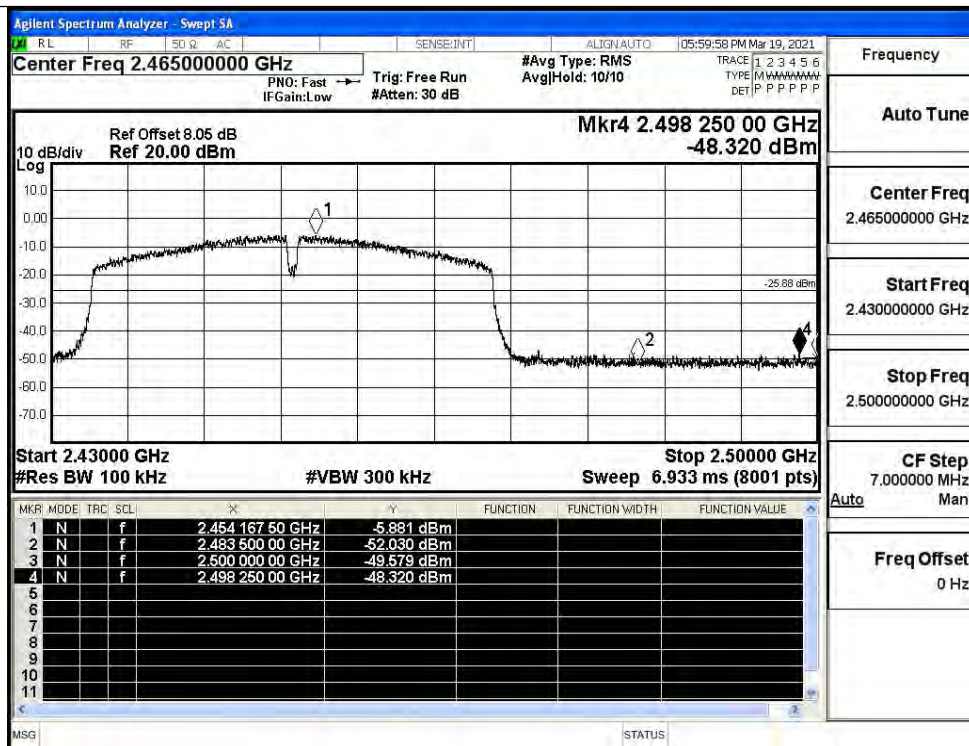
13.500000 MHz

Auto Man

Freq Offset

0 Hz

11N40SISO/HCH

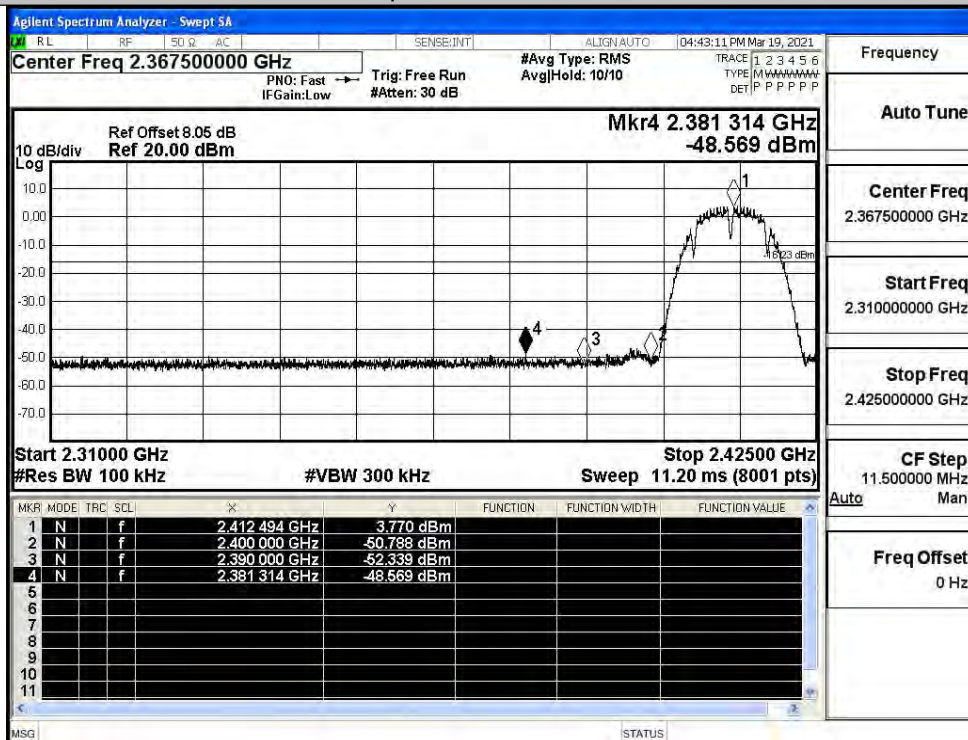


Ant1

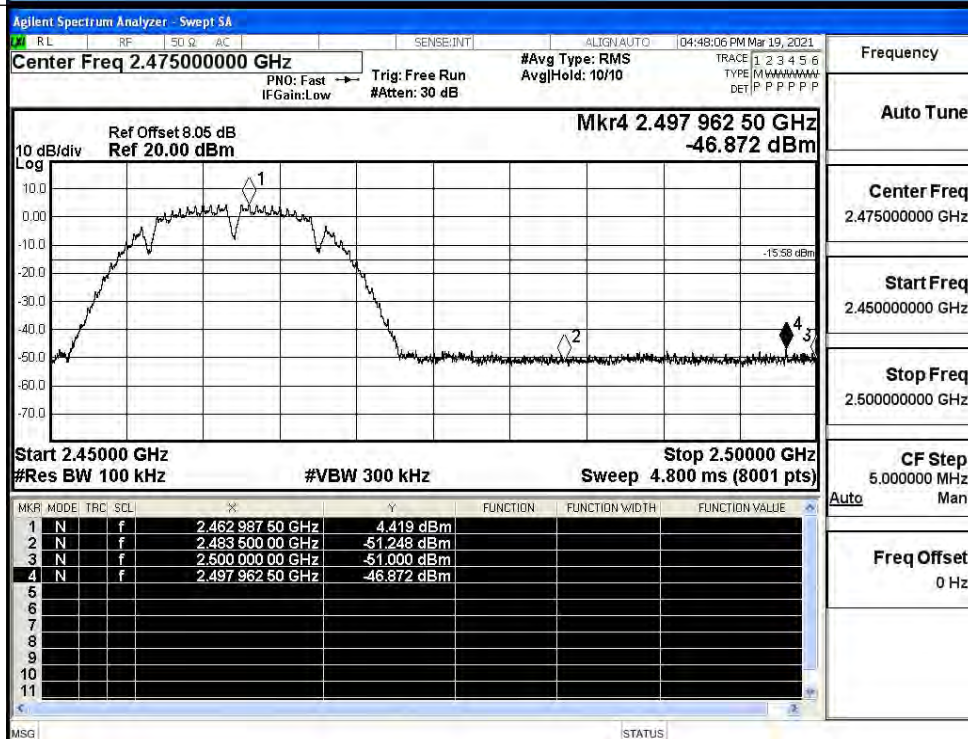
| Mode      | Channel | Carrier Power[dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------------------|--------------------------|-------------|---------|
| 11B       | LCH     | 3.770              | -48.569                  | -16.23      | PASS    |
|           | HCH     | 4.419              | -46.872                  | -15.58      | PASS    |
| 11G       | LCH     | -3.655             | -48.790                  | -23.66      | PASS    |
|           | HCH     | -3.638             | -48.450                  | -23.64      | PASS    |
| 11N20SISO | LCH     | -4.059             | -48.353                  | -24.06      | PASS    |
|           | HCH     | -3.990             | -48.948                  | -23.99      | PASS    |
| 11N40SISO | LCH     | -6.451             | -48.899                  | -26.45      | PASS    |
|           | HCH     | -4.511             | -47.981                  | -24.51      | PASS    |

## Test Graphs

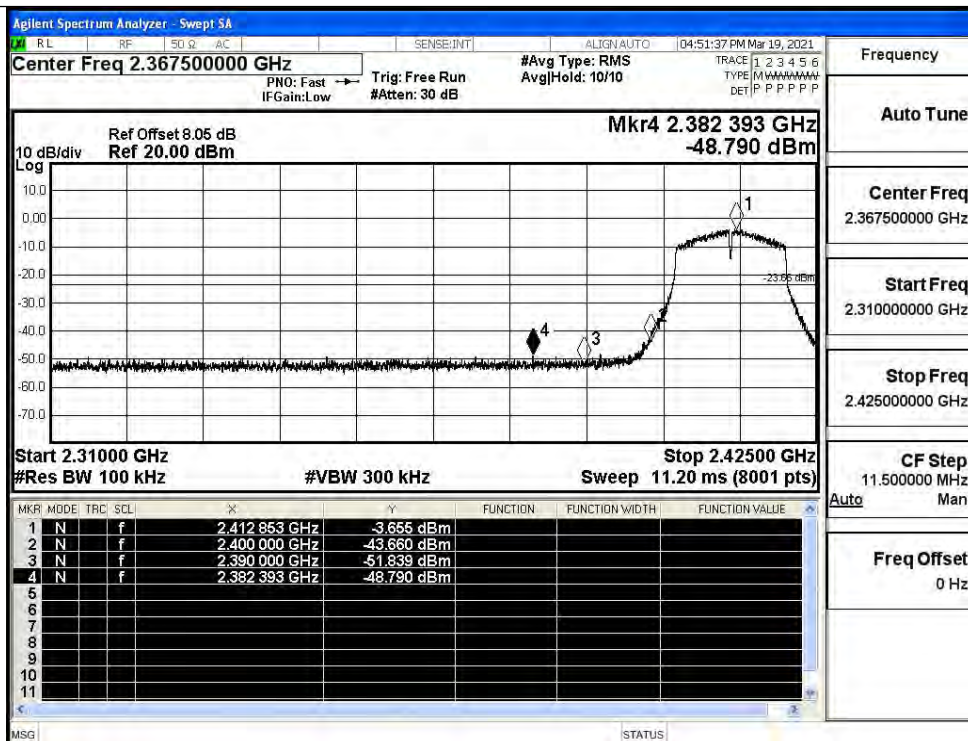
11B/LCH



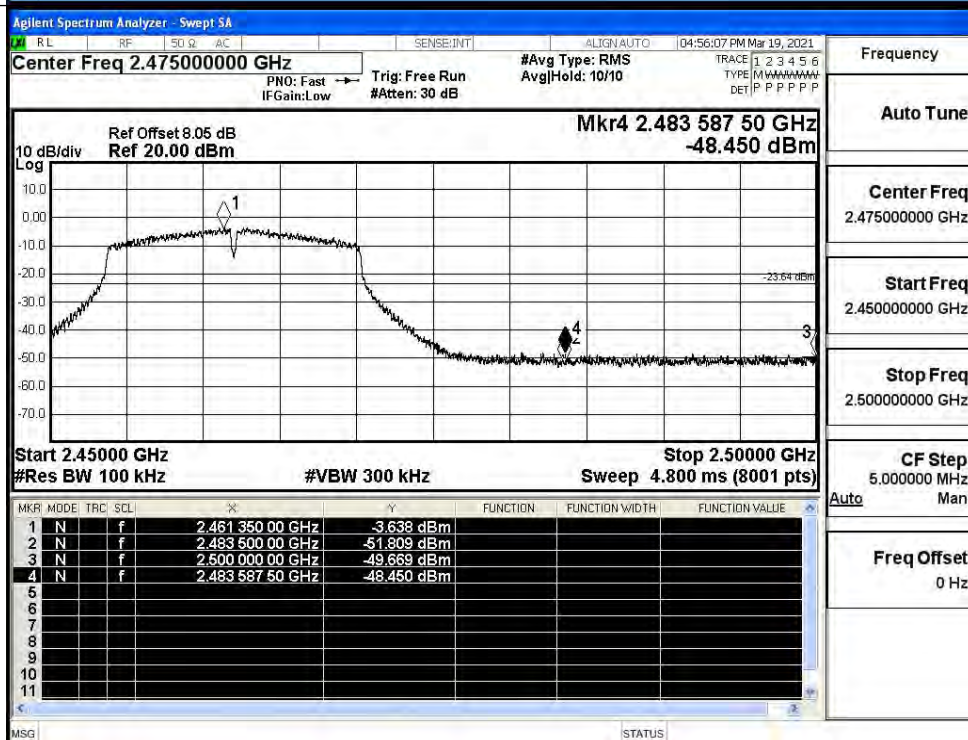
11B/HCH



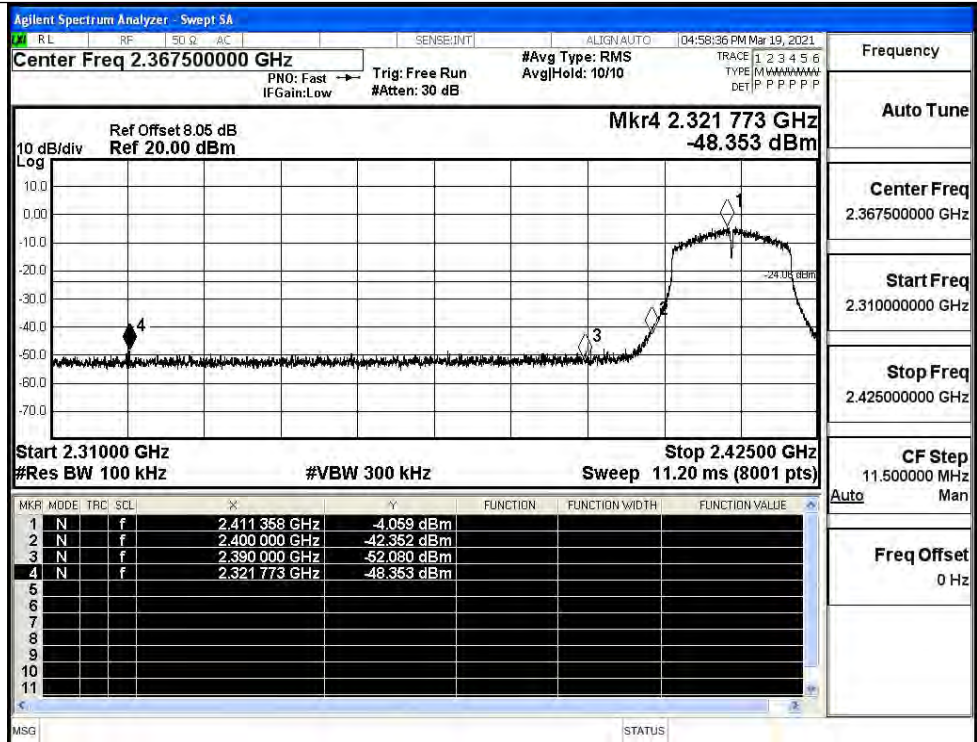
11G/LCH



11G/HCH



11N20SISO/LCH



Frequency

Auto Tune

Center Freq

2.367500000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.425000000 GHz

CF Step

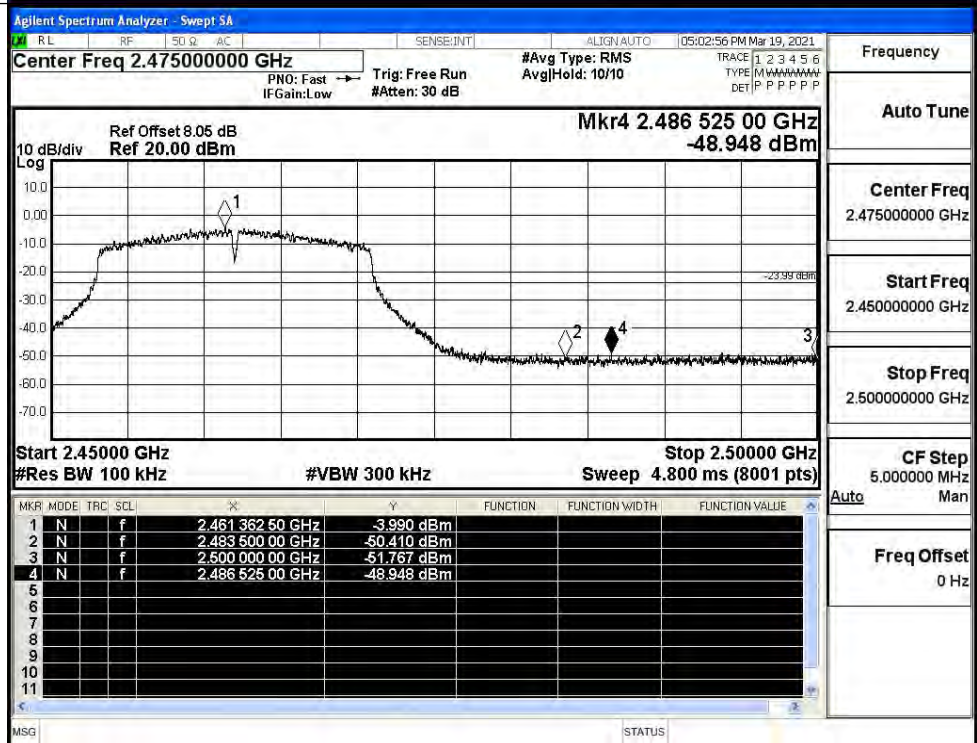
11.500000 MHz

Auto Man

Freq Offset

0 Hz

11N20SISO/HCH



Frequency

Auto Tune

Center Freq

2.475000000 GHz

Start Freq

2.450000000 GHz

Stop Freq

2.500000000 GHz

CF Step

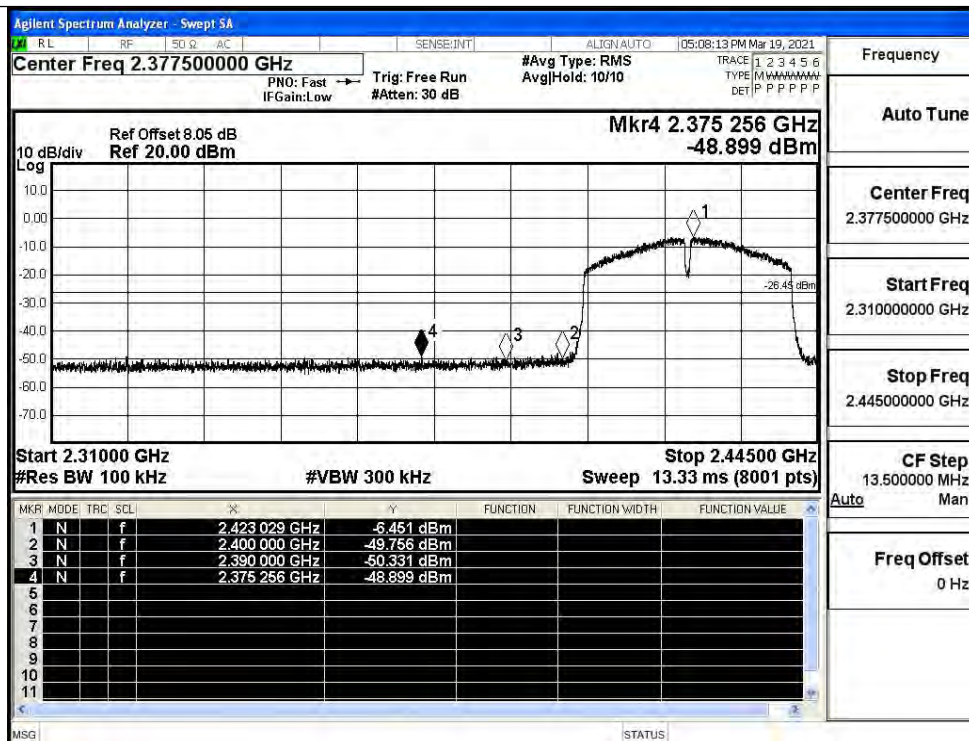
5.000000 MHz

Auto Man

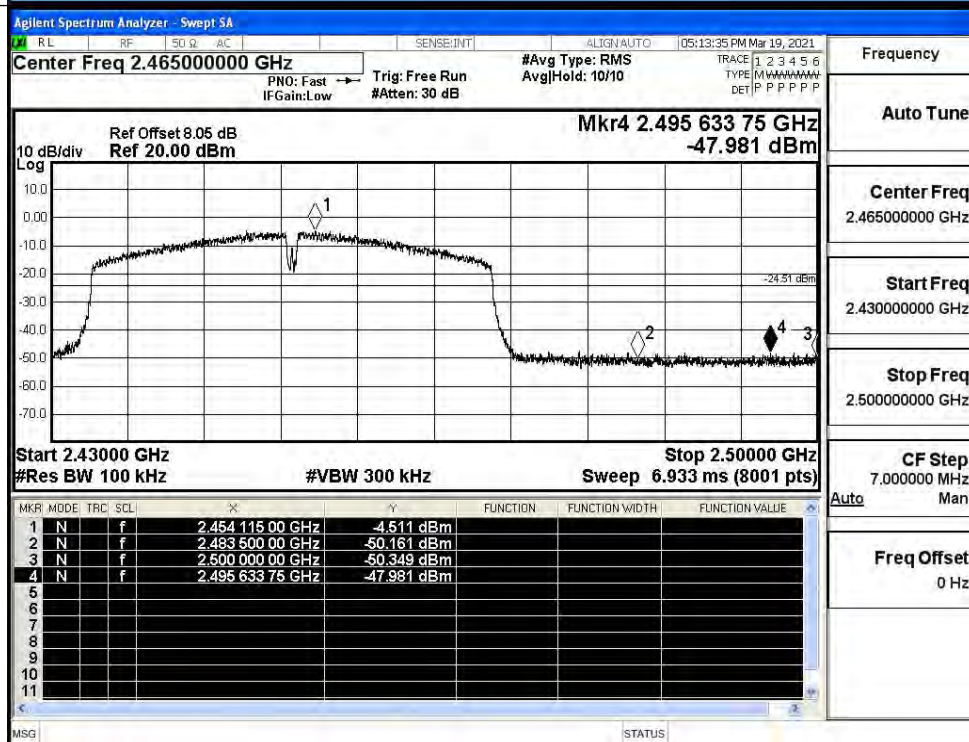
Freq Offset

0 Hz

11N40SISO/LCH



11N40SISO/HCH



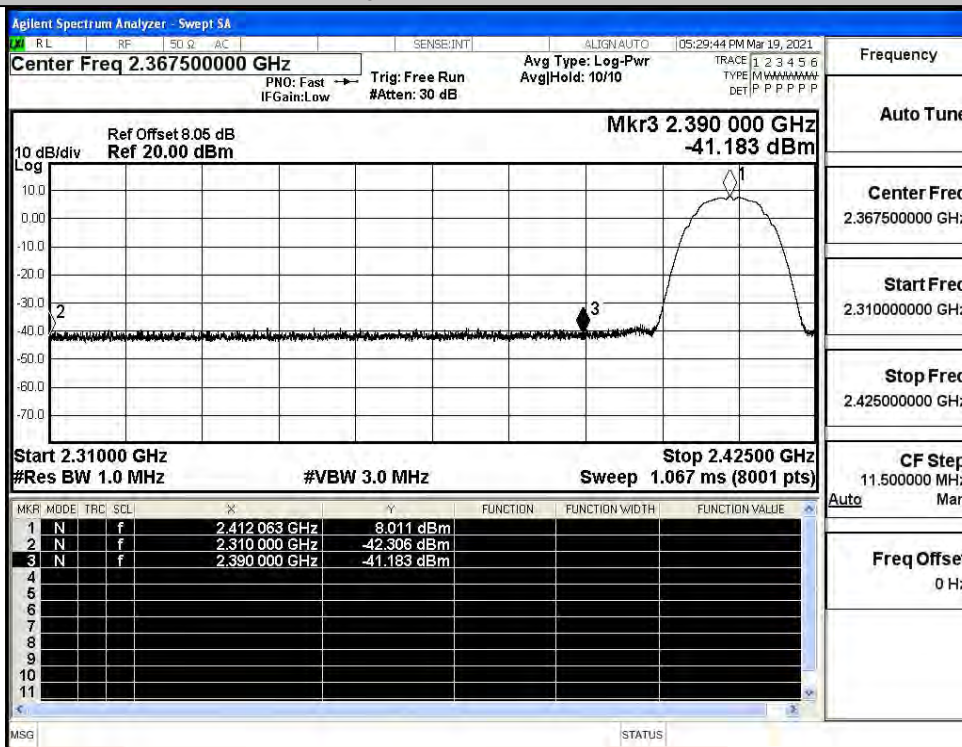
## C.7 Restrict-band band-edge measurements

Ant0

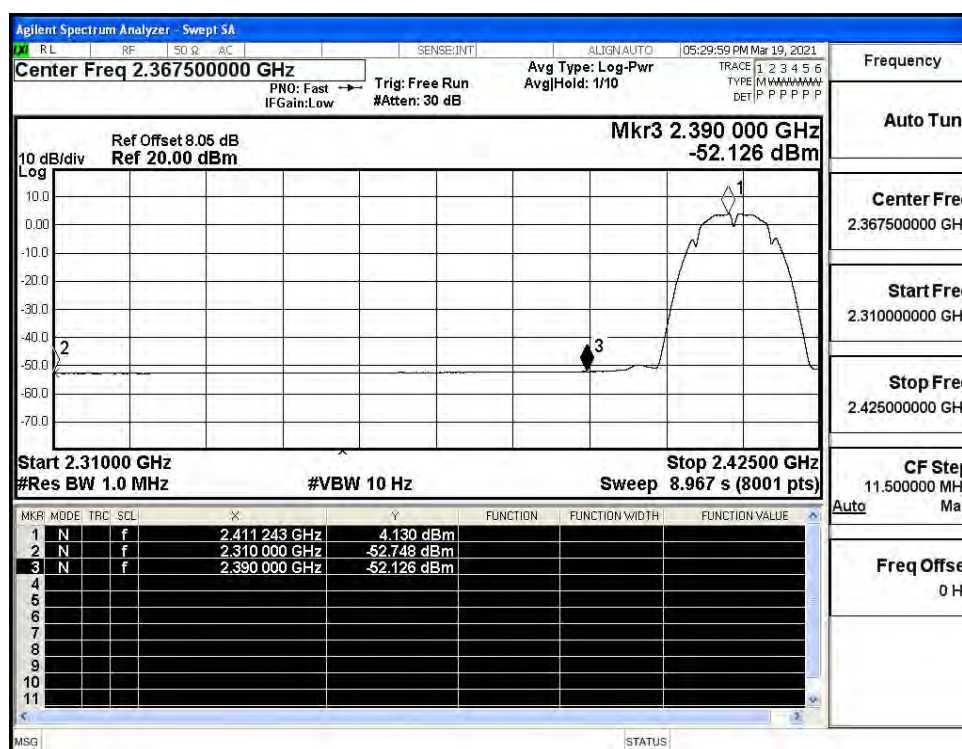
| Test Mode     | Test Channel | Ant  | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|--------------|------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| 11B           | 2412         | Ant1 | 2310.0 | -42.31      | 5.0  | 0             | 57.92      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2310.0 | -52.75      | 5.0  | 0             | 47.48      | AV       | 54             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -41.18      | 5.0  | 0             | 59.05      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -52.13      | 5.0  | 0             | 48.10      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -40.47      | 5.0  | 0             | 59.76      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -51.39      | 5.0  | 0             | 48.84      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -40.77      | 5.0  | 0             | 59.46      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -51.15      | 5.0  | 0             | 49.08      | AV       | 54             | PASS    |
| 11G           | 2412         | Ant1 | 2310.0 | -41.19      | 5.0  | 0             | 59.04      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2310.0 | -52.76      | 5.0  | 0             | 47.47      | AV       | 54             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -42.58      | 5.0  | 0             | 57.65      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -51.99      | 5.0  | 0             | 48.24      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -41.55      | 5.0  | 0             | 58.68      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -52.00      | 5.0  | 0             | 48.23      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -41.26      | 5.0  | 0             | 58.97      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -51.80      | 5.0  | 0             | 48.43      | AV       | 54             | PASS    |
| 11N20<br>SISO | 2412         | Ant1 | 2310.0 | -42.23      | 5.0  | 0             | 58.00      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2310.0 | -52.78      | 5.0  | 0             | 47.45      | AV       | 54             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -41.38      | 5.0  | 0             | 58.85      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -51.90      | 5.0  | 0             | 48.33      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -40.30      | 5.0  | 0             | 59.93      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -51.40      | 5.0  | 0             | 48.83      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -39.95      | 5.0  | 0             | 60.28      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -51.38      | 5.0  | 0             | 48.85      | AV       | 54             | PASS    |
| 11N40<br>SISO | 2422         | Ant1 | 2310.0 | -42.66      | 5.0  | 0             | 57.57      | PEAK     | 74             | PASS    |
|               | 2422         | Ant1 | 2310.0 | -52.86      | 5.0  | 0             | 47.37      | AV       | 54             | PASS    |

|  |      |      |        |        |     |   |       |      |    |      |
|--|------|------|--------|--------|-----|---|-------|------|----|------|
|  | 2422 | Ant1 | 2390.0 | -41.39 | 5.0 | 0 | 58.84 | PEAK | 74 | PASS |
|  | 2422 | Ant1 | 2390.0 | -51.84 | 5.0 | 0 | 48.39 | AV   | 54 | PASS |
|  | 2452 | Ant1 | 2483.5 | -41.13 | 5.0 | 0 | 59.10 | PEAK | 74 | PASS |
|  | 2452 | Ant1 | 2483.5 | -51.31 | 5.0 | 0 | 48.92 | AV   | 54 | PASS |
|  | 2452 | Ant1 | 2500.0 | -40.93 | 5.0 | 0 | 59.30 | PEAK | 74 | PASS |
|  | 2452 | Ant1 | 2500.0 | -51.37 | 5.0 | 0 | 48.86 | AV   | 54 | PASS |

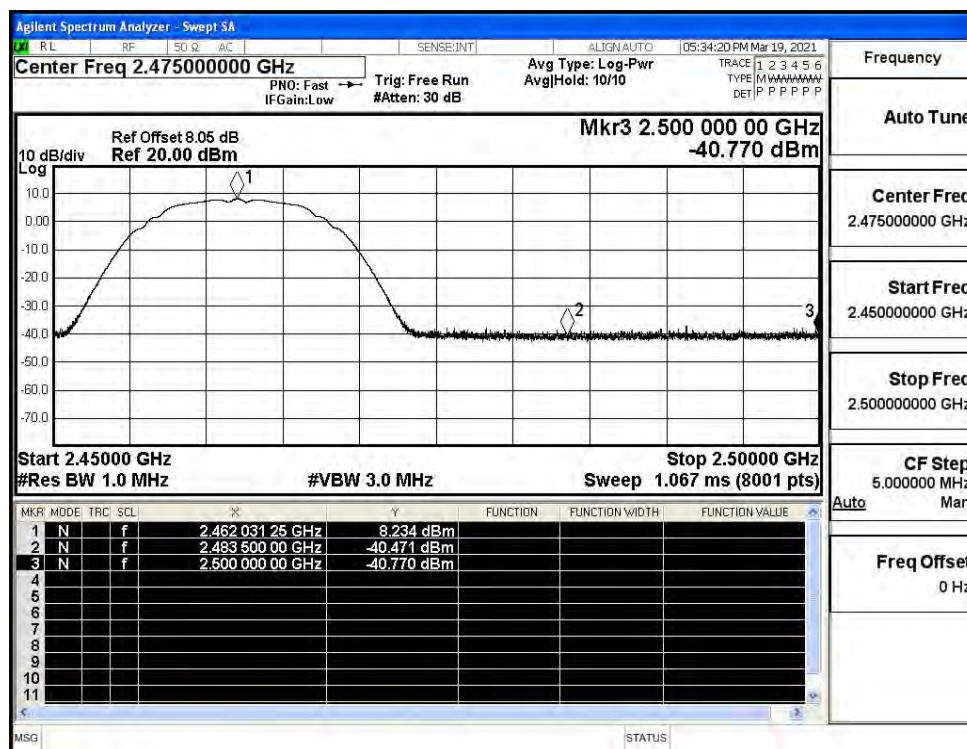
## Restrict-band band-edge measurements\_11B\_2412\_Ant1\_PEAK



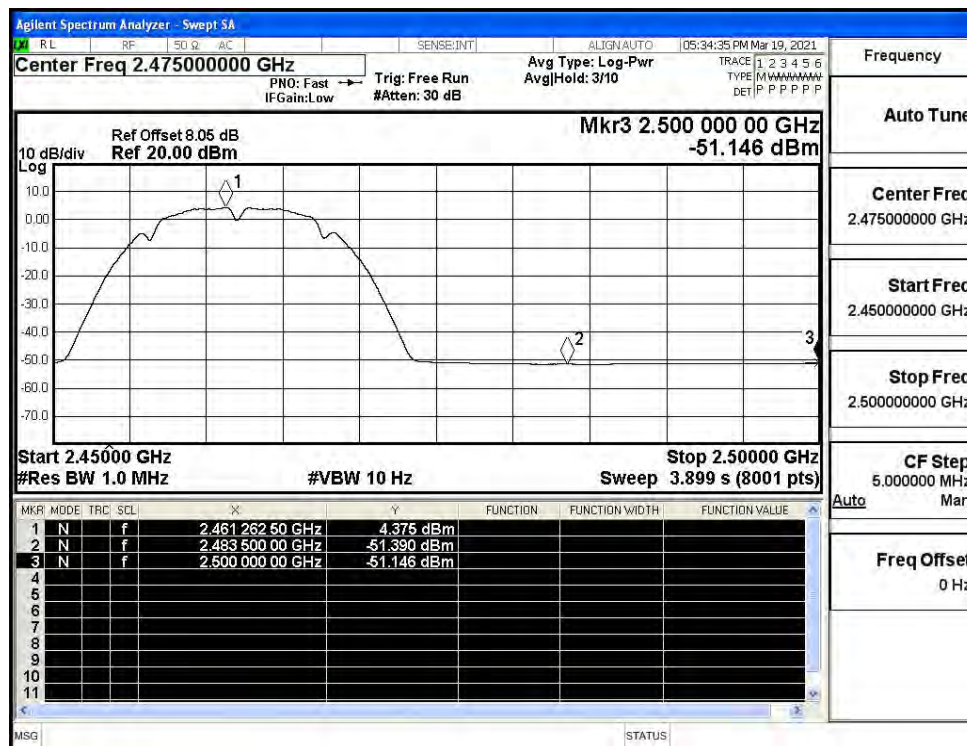
## Restrict-band band-edge measurements\_11B\_2412\_Ant1\_AV



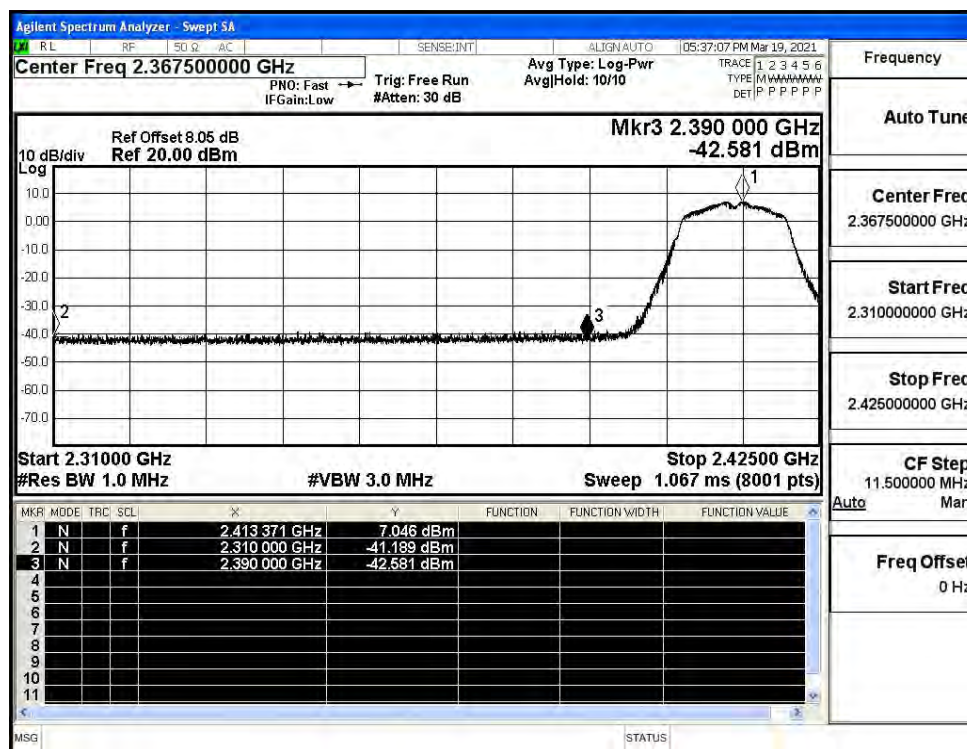
## Restrict-band band-edge measurements\_11B\_2462\_Ant1\_PEAK



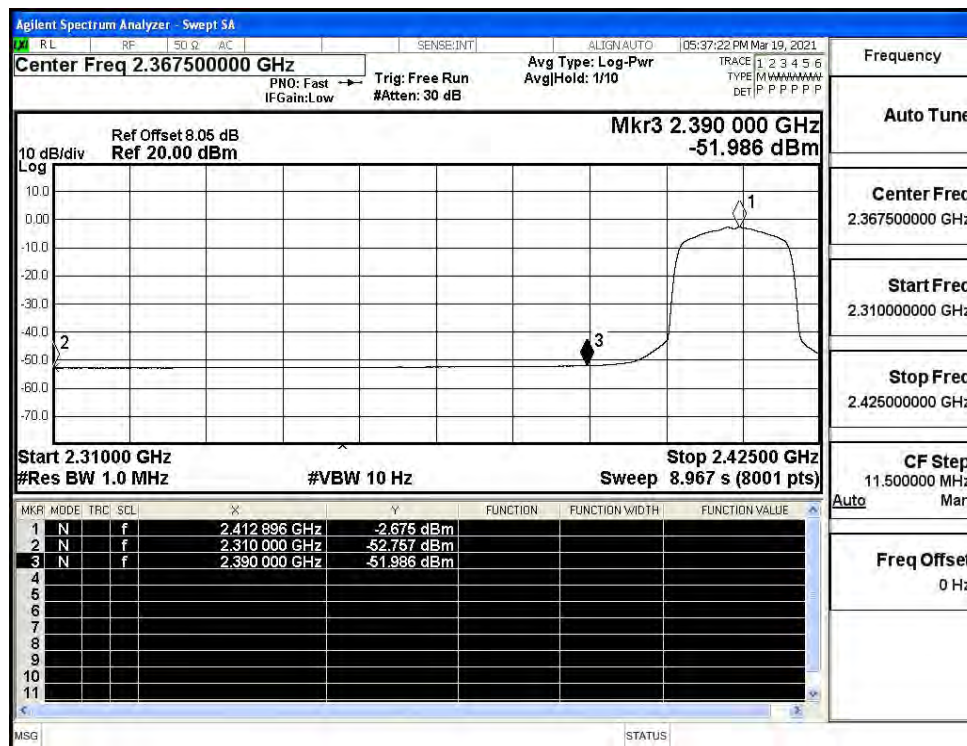
## Restrict-band band-edge measurements\_11B\_2462\_Ant1\_AV



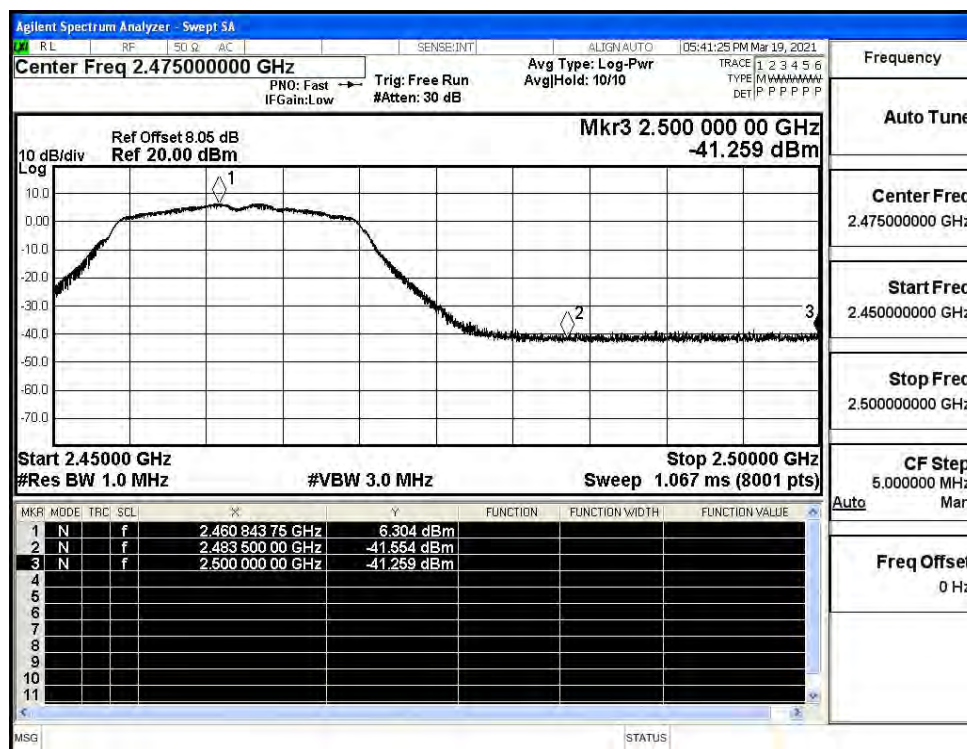
## Restrict-band band-edge measurements\_11G\_2412\_Ant1\_PEAK



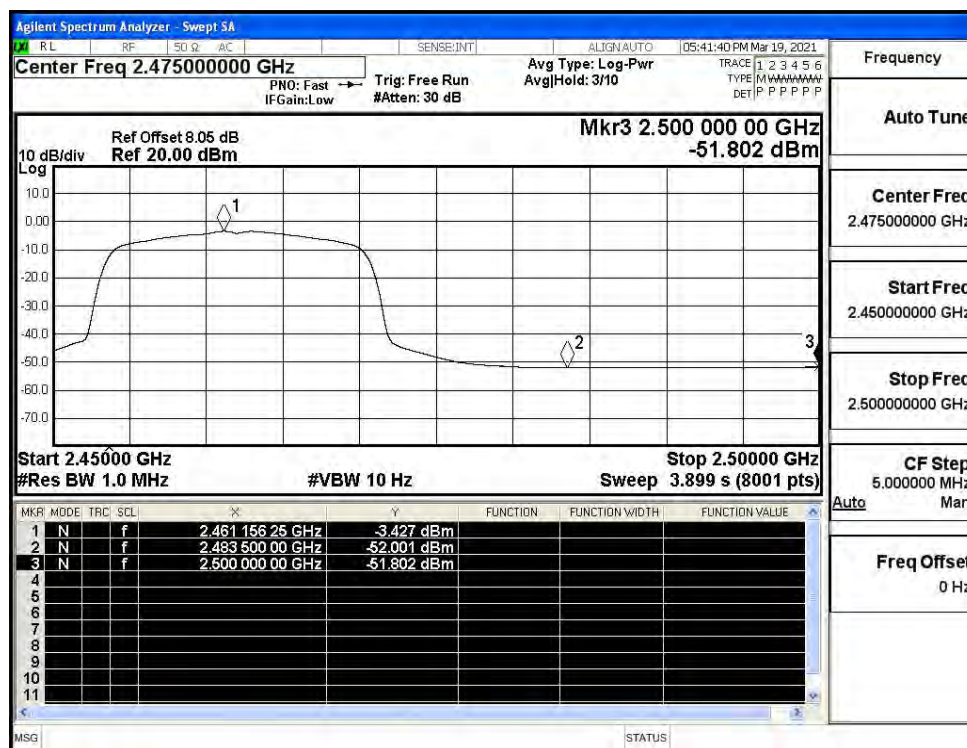
## Restrict-band band-edge measurements\_11G\_2412\_Ant1\_AV



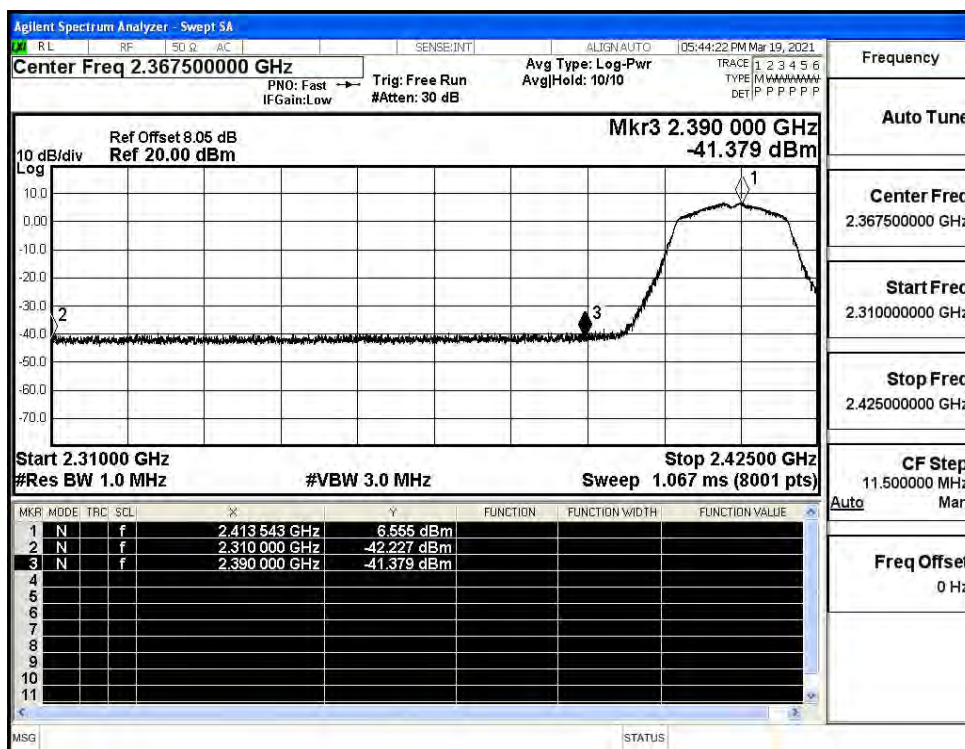
## Restrict-band band-edge measurements\_11G\_2462\_Ant1\_PEAK



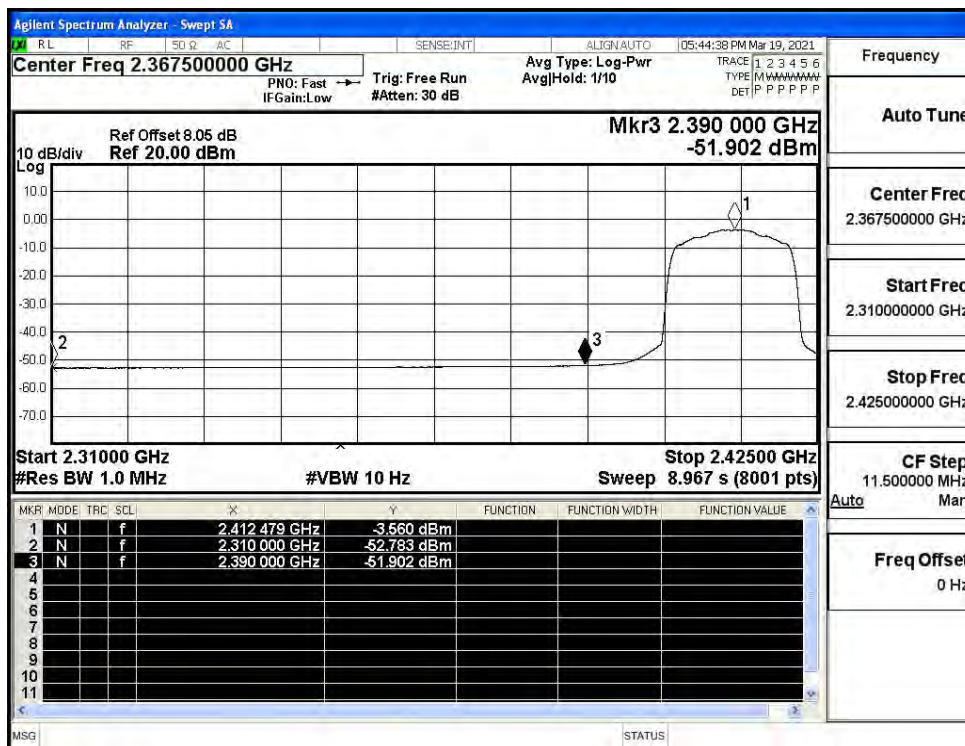
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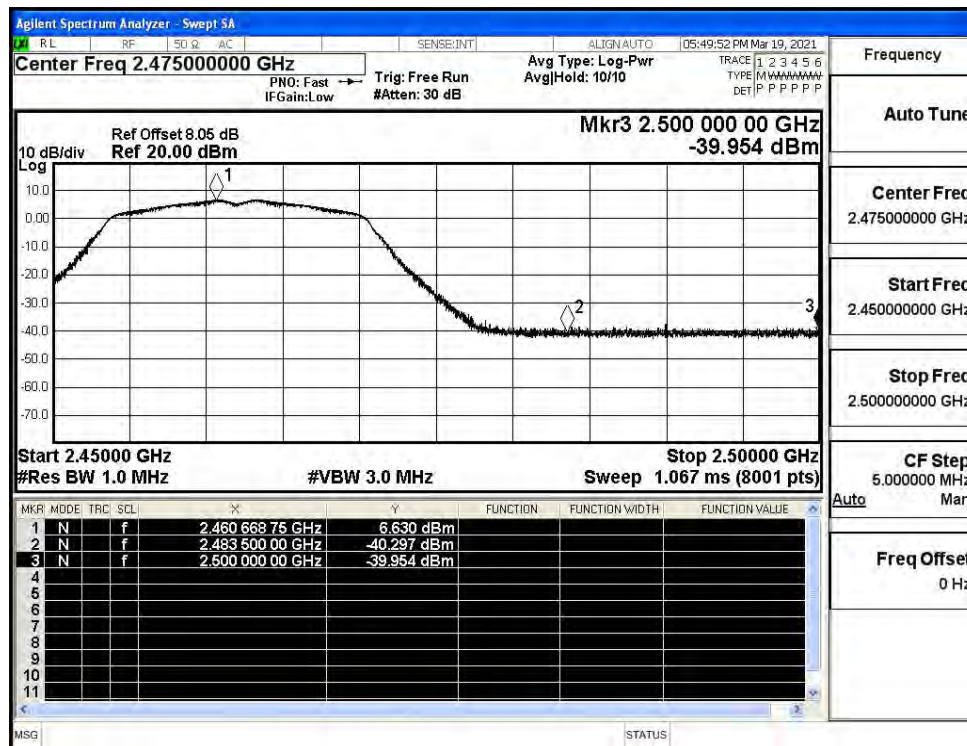
## Restrict-band band-edge measurements\_11N20SISO\_2412\_Ant1\_PEAK



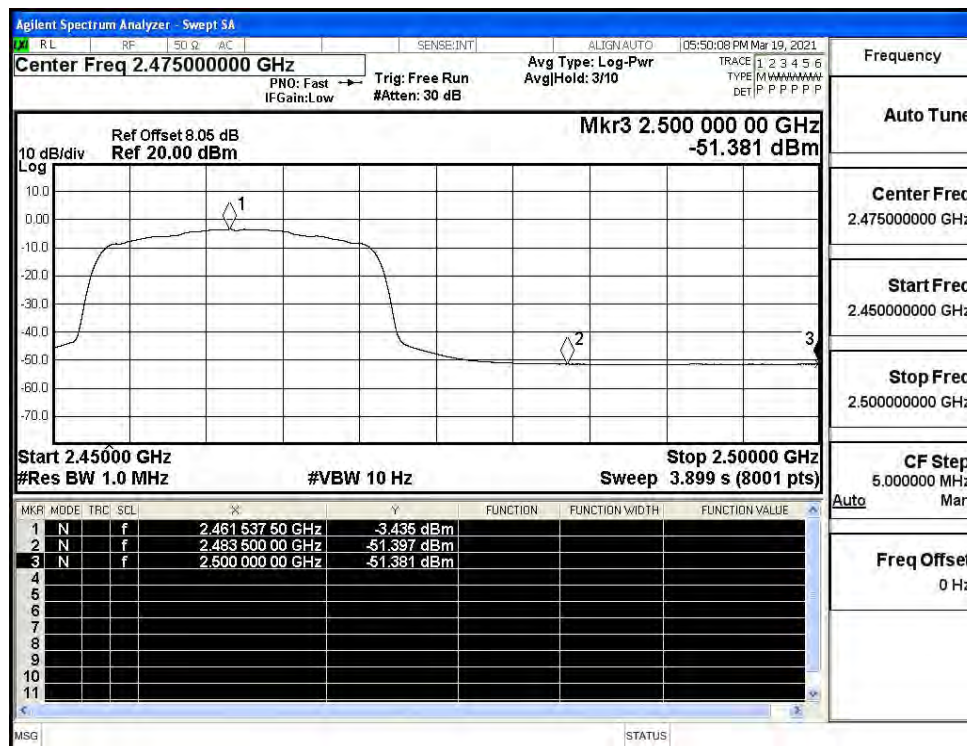
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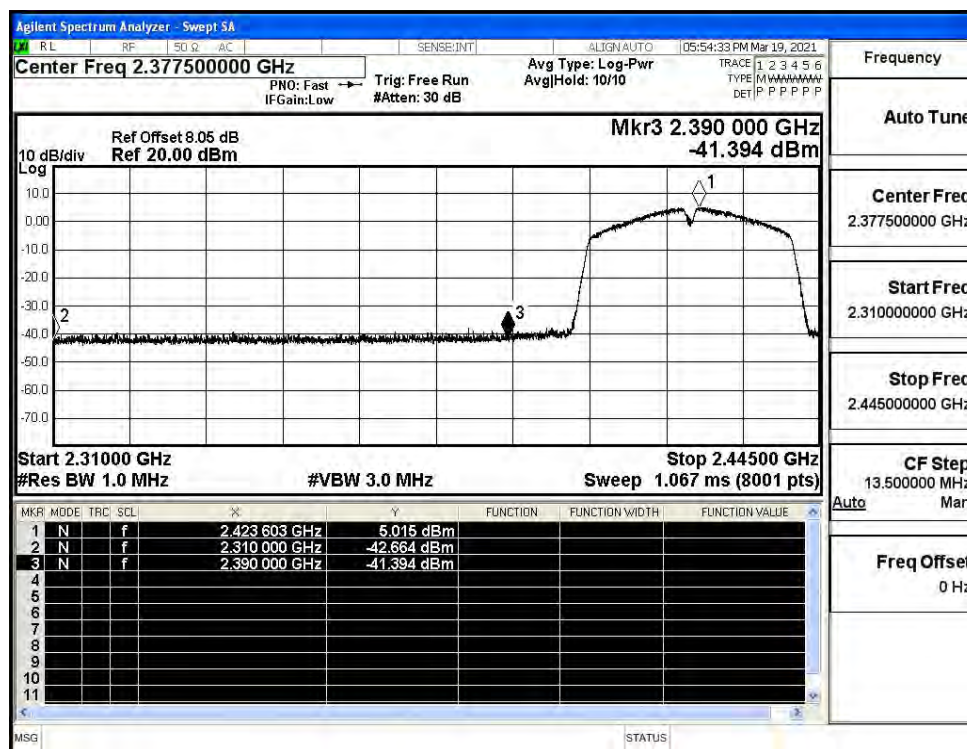
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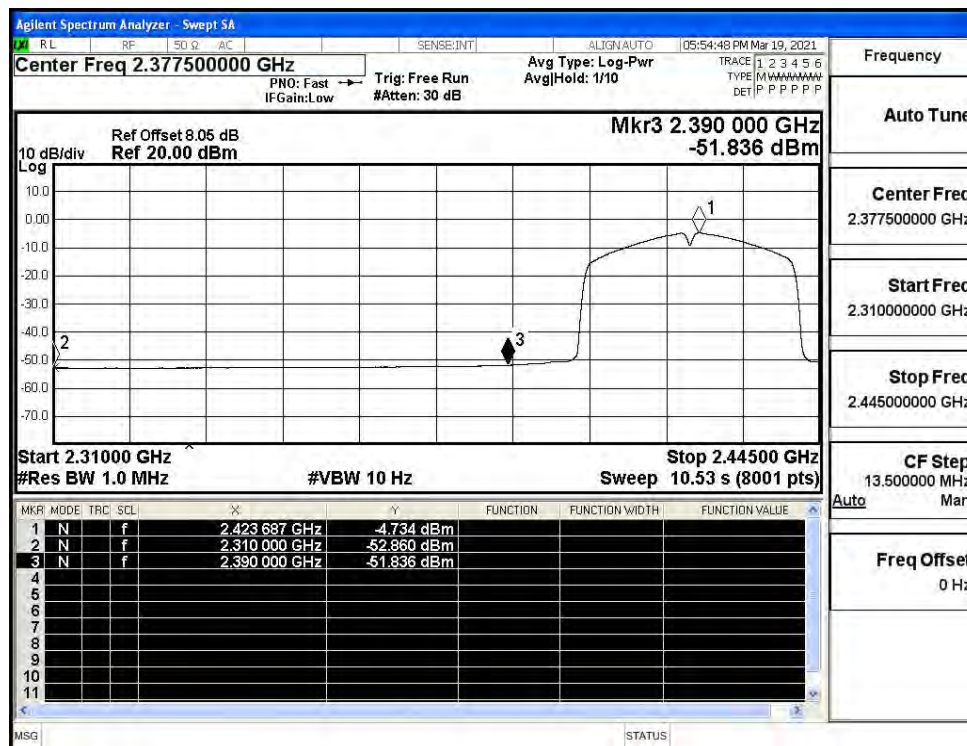
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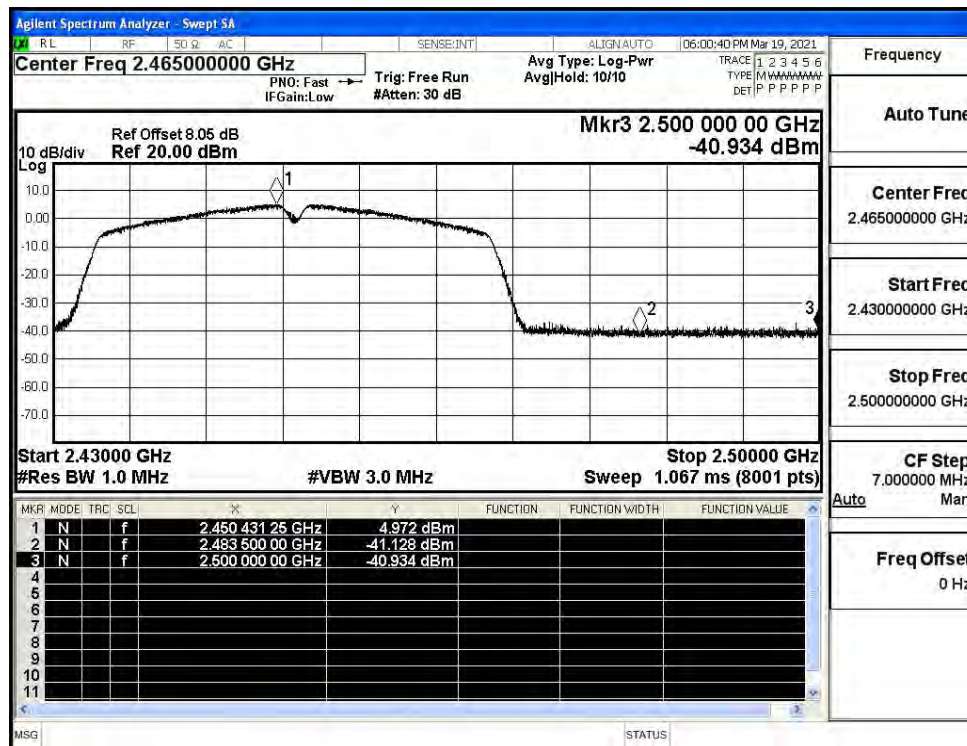
## Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_PEAK



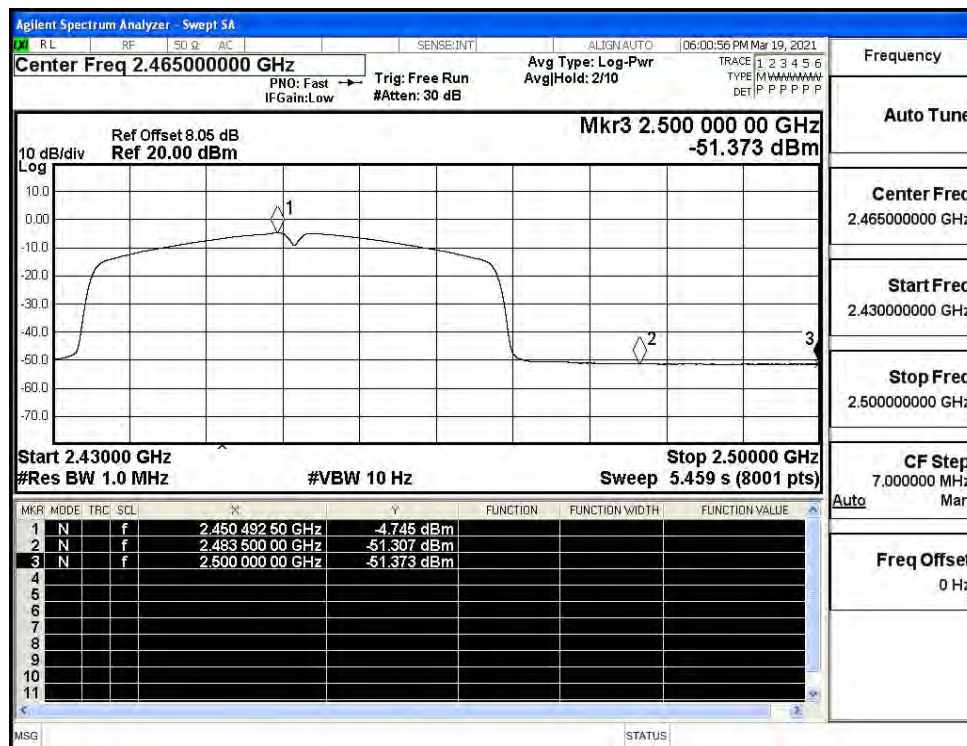
## Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_AV



## Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_PEAK



## Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_AV

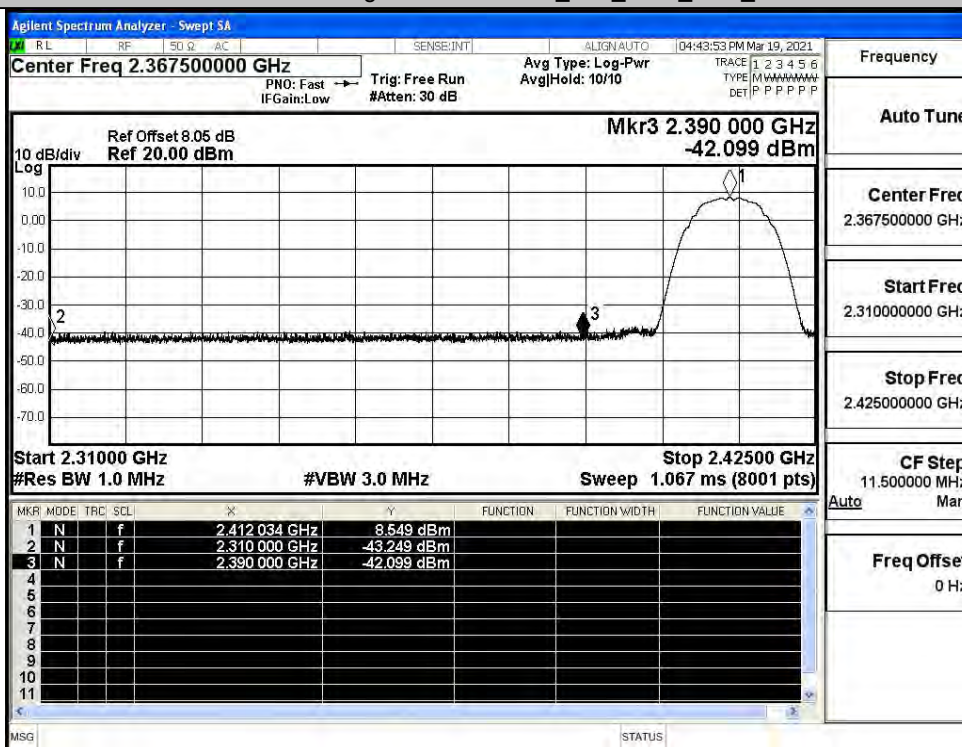


## Ant1

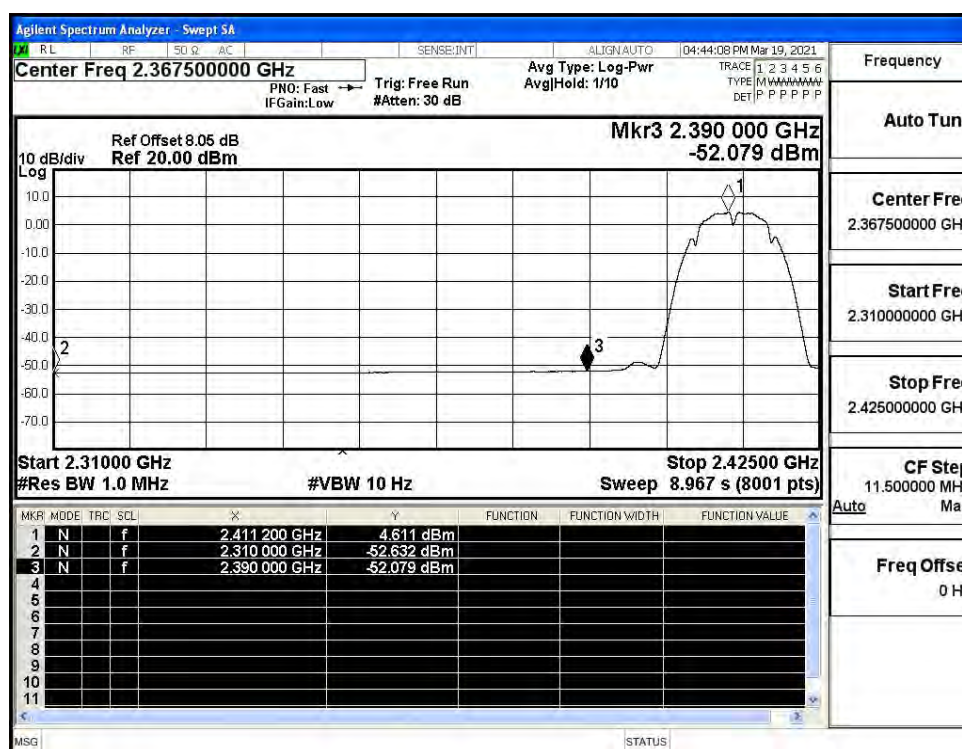
| Test Mode     | Test Channel | Ant  | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---------------|--------------|------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| 11B           | 2412         | Ant1 | 2310.0 | -43.25      | 5.0  | 0             | 56.98      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2310.0 | -52.63      | 5.0  | 0             | 47.60      | AV       | 54             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -42.10      | 5.0  | 0             | 58.13      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -52.08      | 5.0  | 0             | 48.15      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -40.98      | 5.0  | 0             | 59.25      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -51.21      | 5.0  | 0             | 49.02      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -40.52      | 5.0  | 0             | 59.71      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -50.84      | 5.0  | 0             | 49.39      | AV       | 54             | PASS    |
| 11G           | 2412         | Ant1 | 2310.0 | -42.54      | 5.0  | 0             | 57.69      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2310.0 | -52.70      | 5.0  | 0             | 47.53      | AV       | 54             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -41.91      | 5.0  | 0             | 58.32      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -51.94      | 5.0  | 0             | 48.29      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -39.87      | 5.0  | 0             | 60.36      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -51.28      | 5.0  | 0             | 48.95      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -41.86      | 5.0  | 0             | 58.37      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -51.28      | 5.0  | 0             | 48.95      | AV       | 54             | PASS    |
| 11N20<br>SISO | 2412         | Ant1 | 2310.0 | -42.07      | 5.0  | 0             | 58.16      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2310.0 | -52.73      | 5.0  | 0             | 47.50      | AV       | 54             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -41.13      | 5.0  | 0             | 59.10      | PEAK     | 74             | PASS    |
|               | 2412         | Ant1 | 2390.0 | -51.88      | 5.0  | 0             | 48.35      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -40.64      | 5.0  | 0             | 59.59      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2483.5 | -51.91      | 5.0  | 0             | 48.32      | AV       | 54             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -40.43      | 5.0  | 0             | 59.80      | PEAK     | 74             | PASS    |
|               | 2462         | Ant1 | 2500.0 | -51.73      | 5.0  | 0             | 48.50      | AV       | 54             | PASS    |
| 11N40<br>SISO | 2422         | Ant1 | 2310.0 | -41.99      | 5.0  | 0             | 58.24      | PEAK     | 74             | PASS    |
|               | 2422         | Ant1 | 2310.0 | -52.76      | 5.0  | 0             | 47.47      | AV       | 54             | PASS    |
|               | 2422         | Ant1 | 2390.0 | -42.02      | 5.0  | 0             | 58.21      | PEAK     | 74             | PASS    |
|               | 2422         | Ant1 | 2390.0 | -51.80      | 5.0  | 0             | 48.43      | AV       | 54             | PASS    |

|  |      |      |        |        |     |   |       |      |    |      |
|--|------|------|--------|--------|-----|---|-------|------|----|------|
|  | 2452 | Ant1 | 2483.5 | -40.37 | 5.0 | 0 | 59.86 | PEAK | 74 | PASS |
|  | 2452 | Ant1 | 2483.5 | -51.13 | 5.0 | 0 | 49.10 | AV   | 54 | PASS |
|  | 2452 | Ant1 | 2500.0 | -39.74 | 5.0 | 0 | 60.49 | PEAK | 74 | PASS |
|  | 2452 | Ant1 | 2500.0 | -51.28 | 5.0 | 0 | 48.95 | AV   | 54 | PASS |

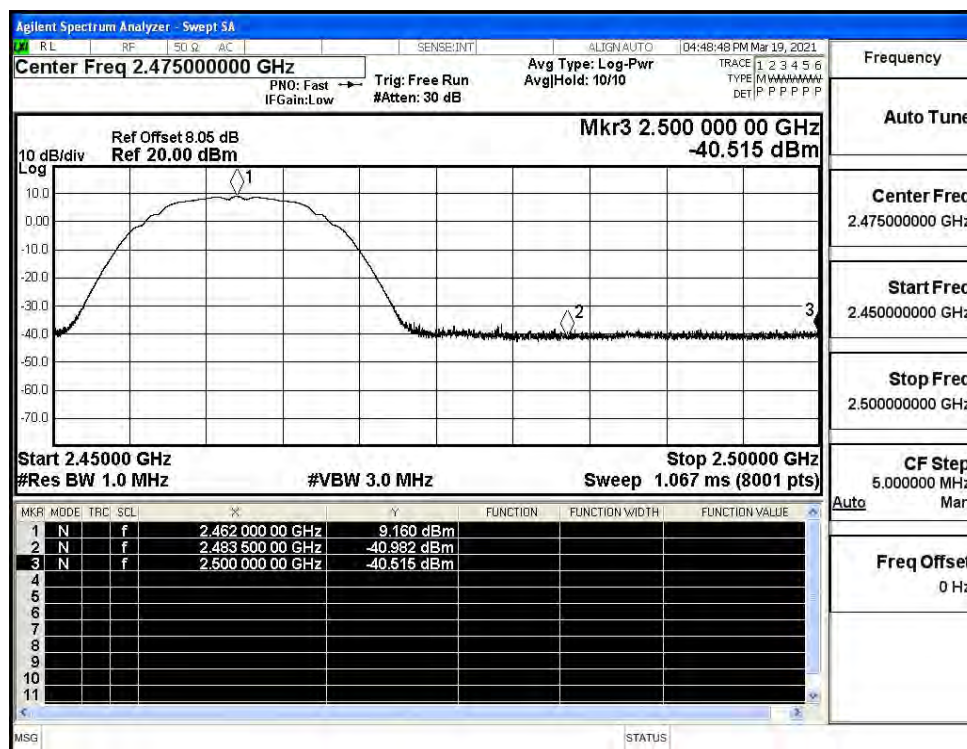
## Restrict-band band-edge measurements\_11B\_2412\_Ant1\_PEAK



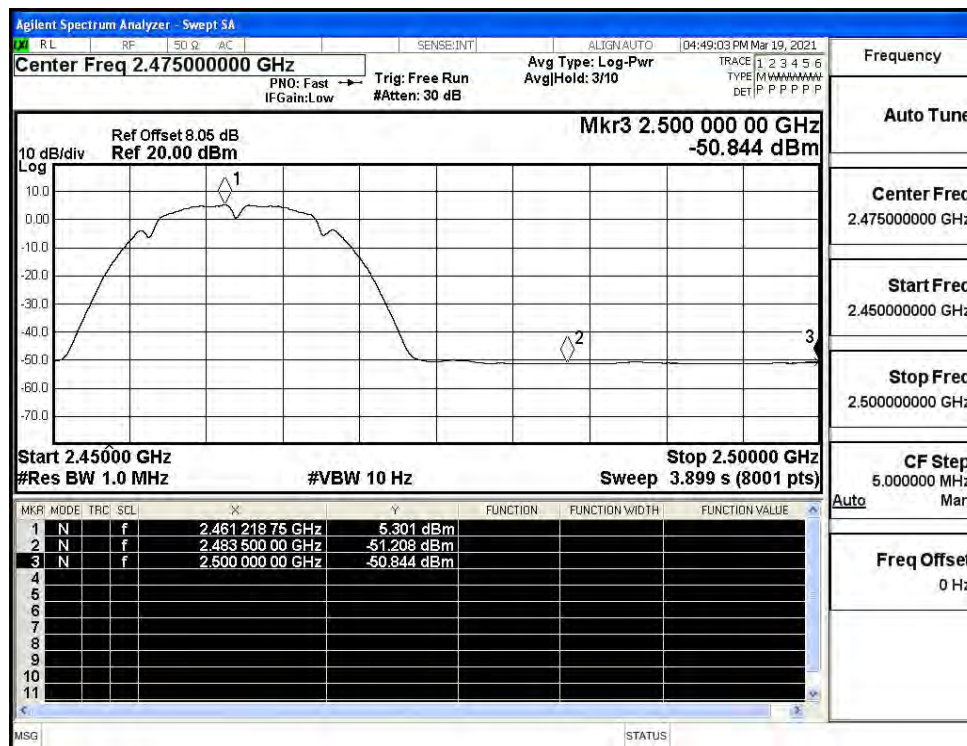
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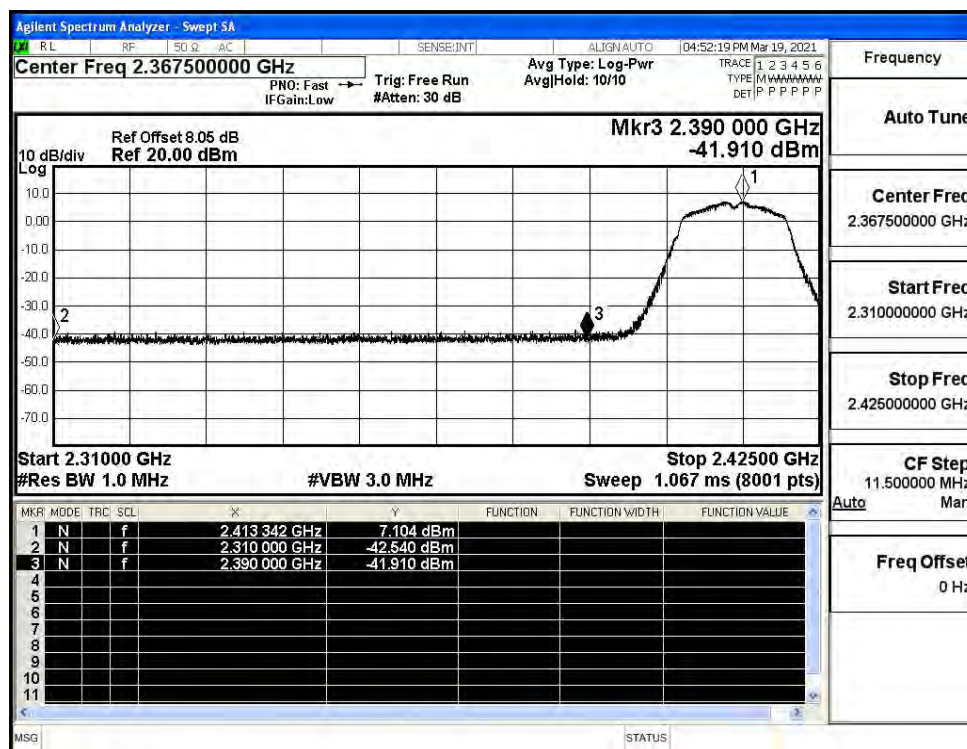
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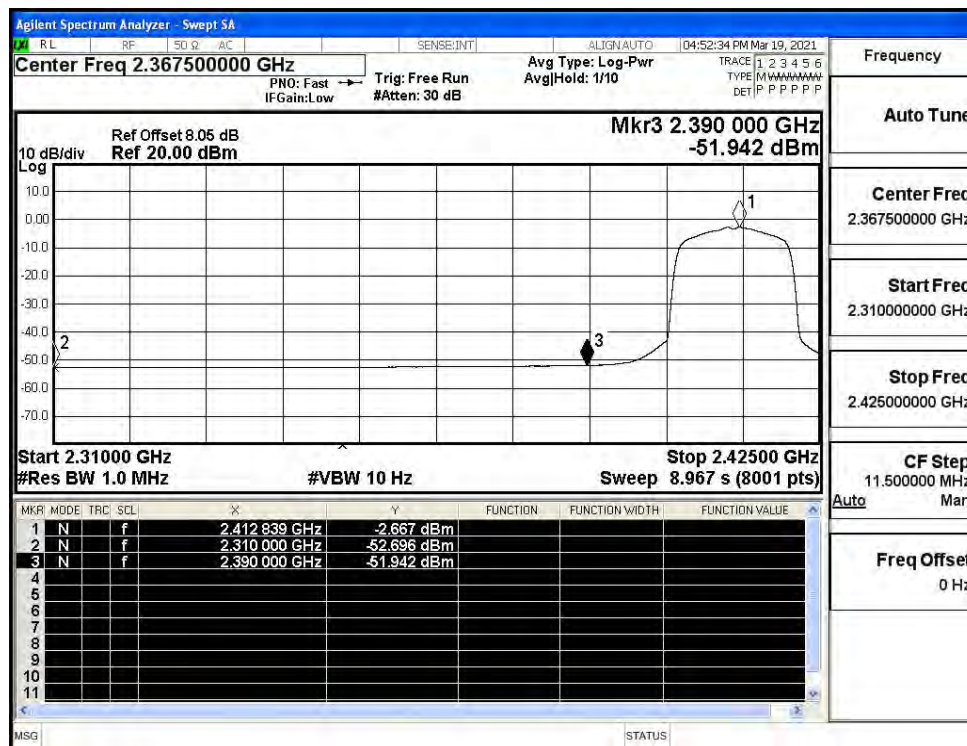
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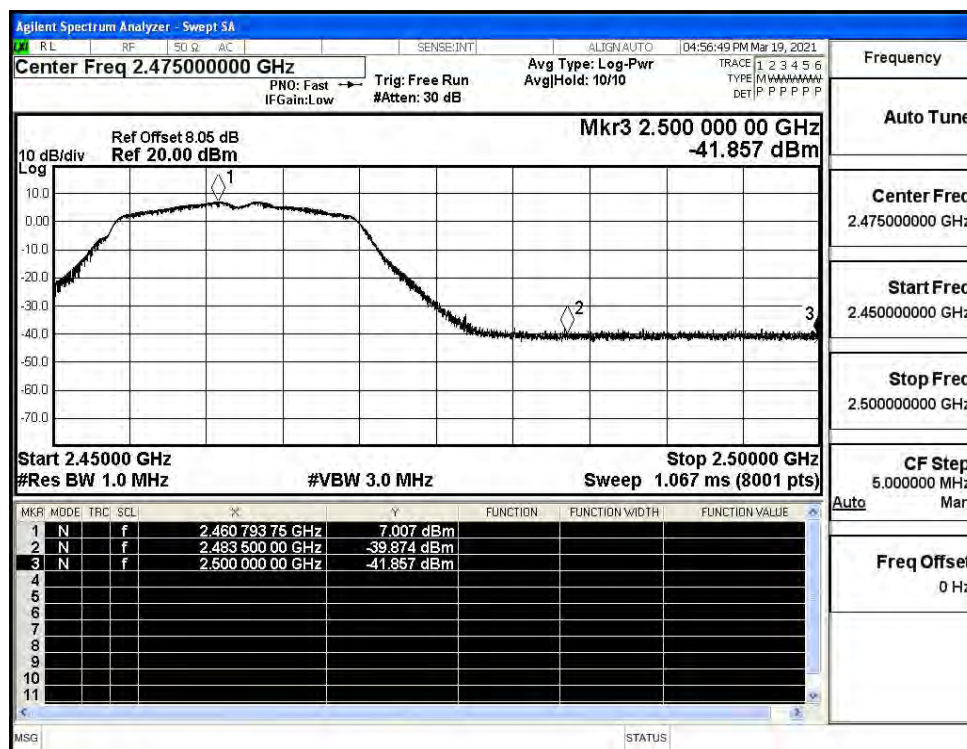
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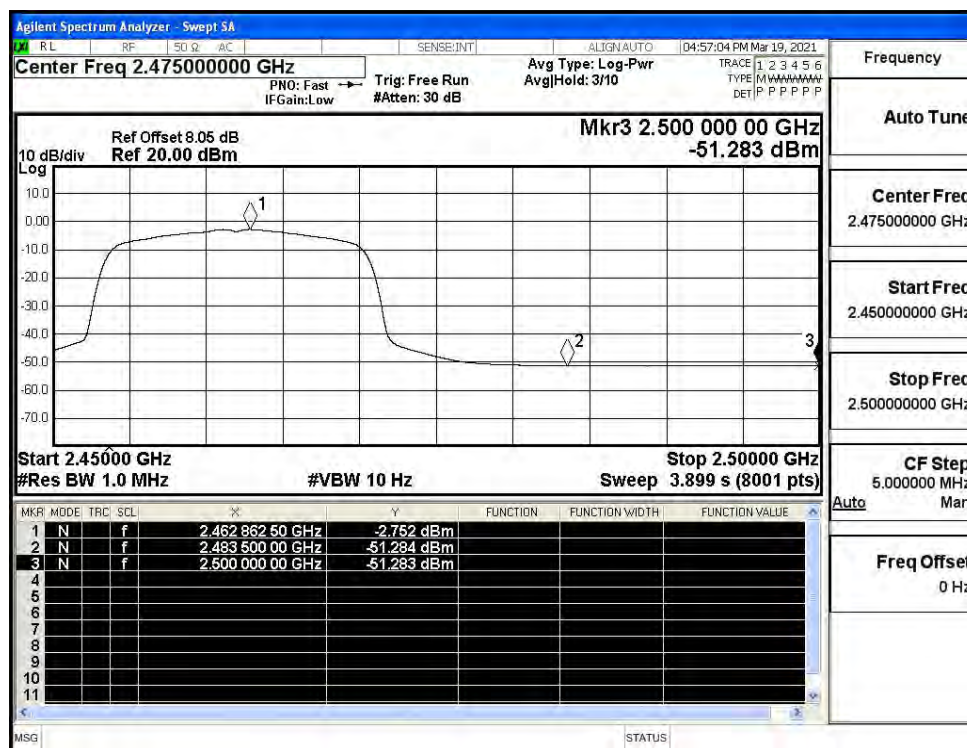
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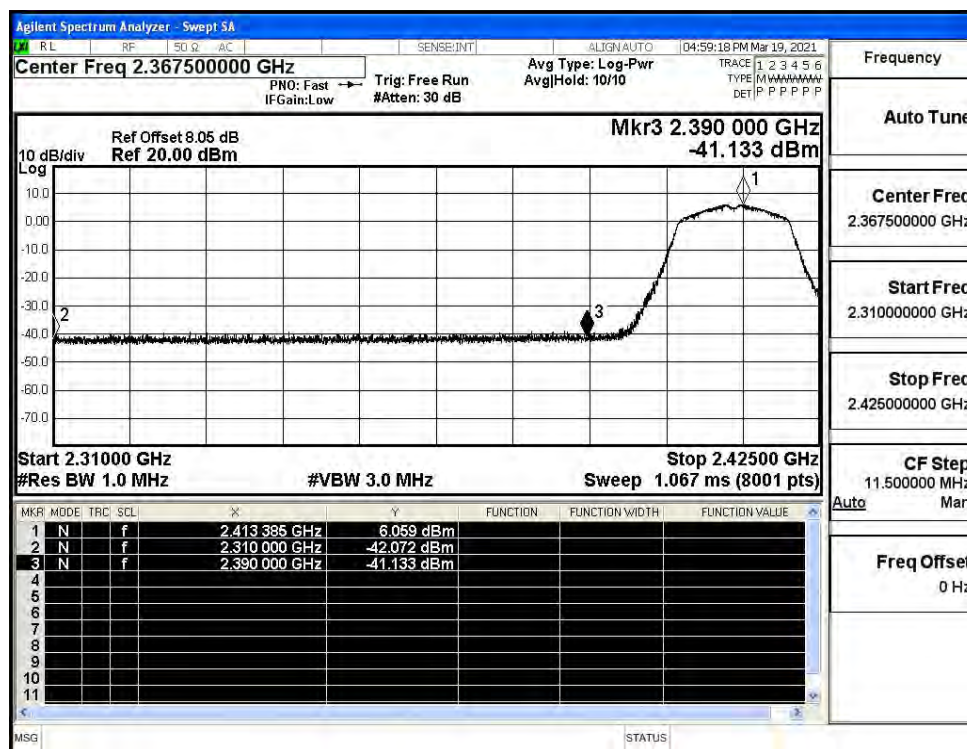
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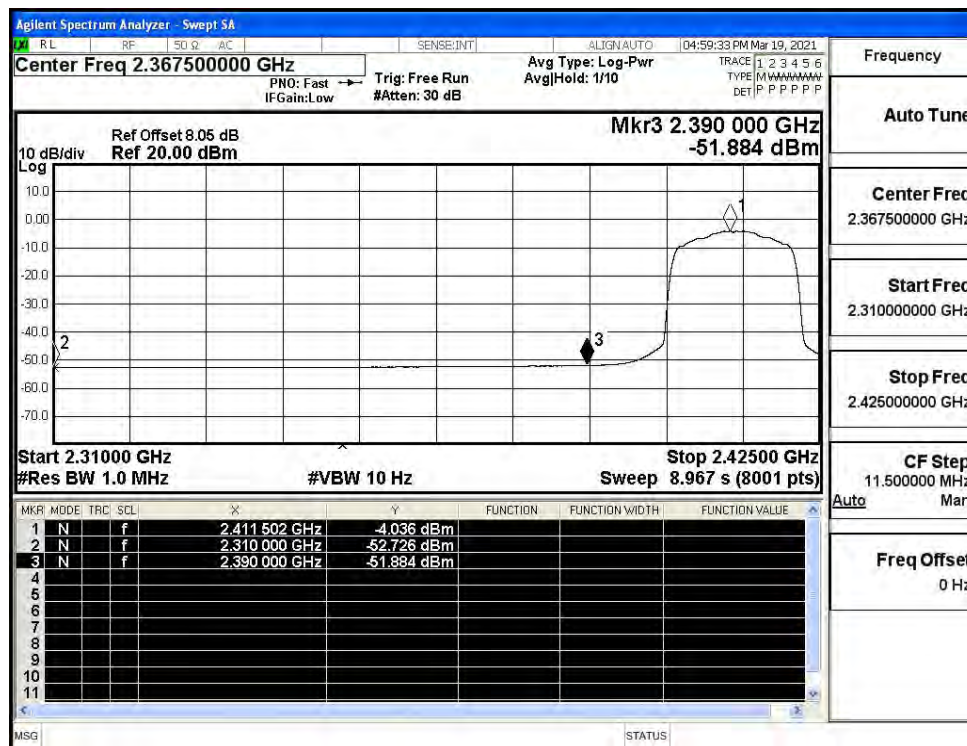
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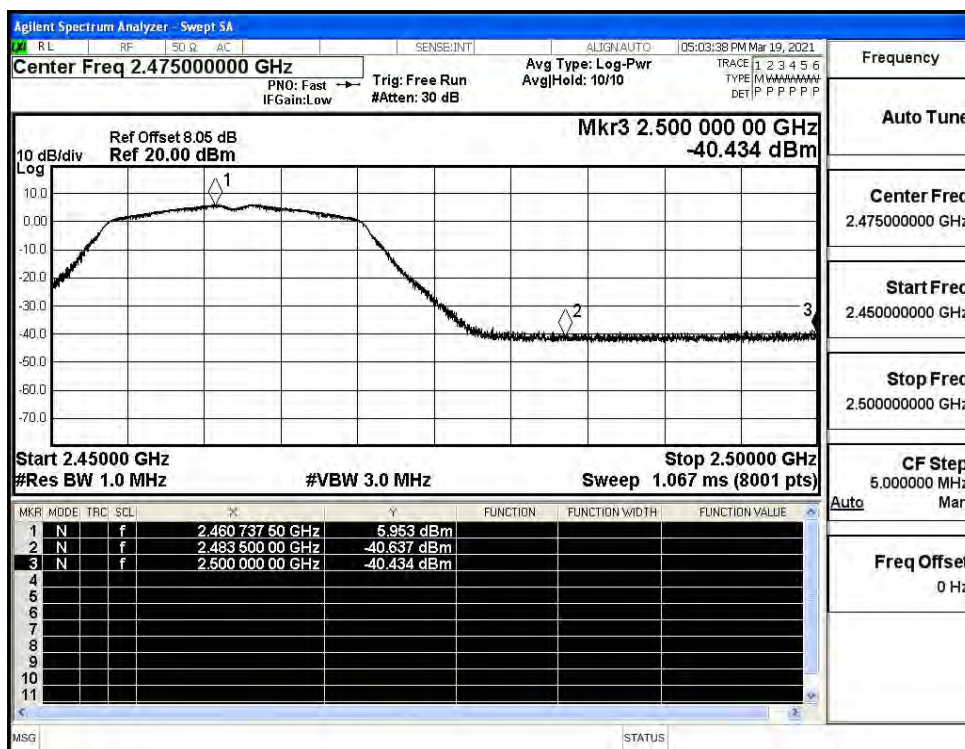
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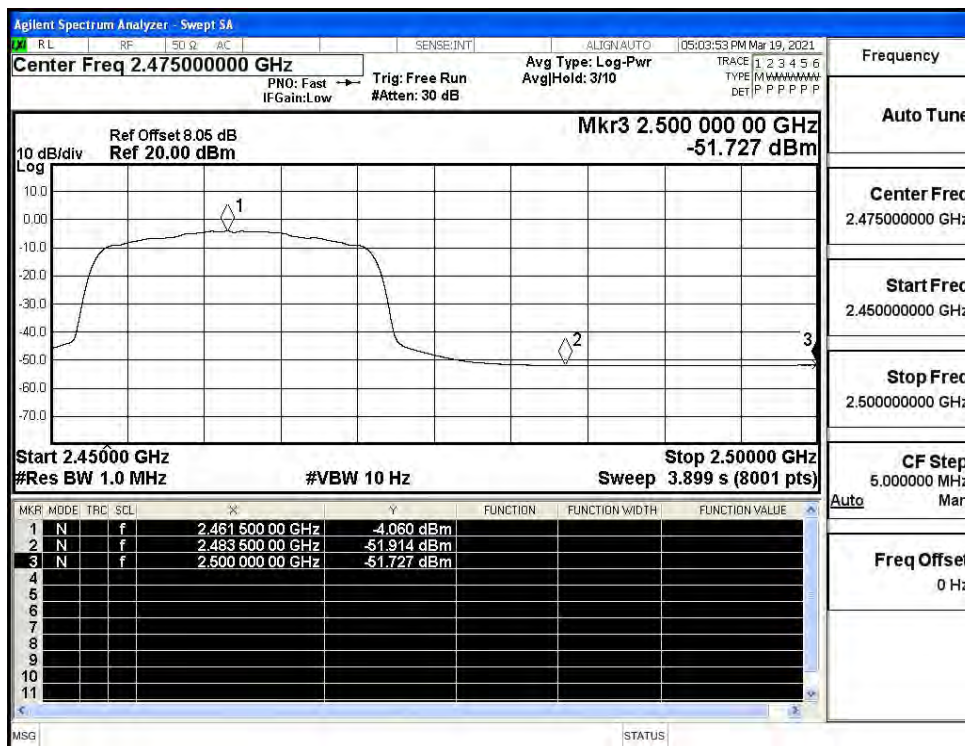
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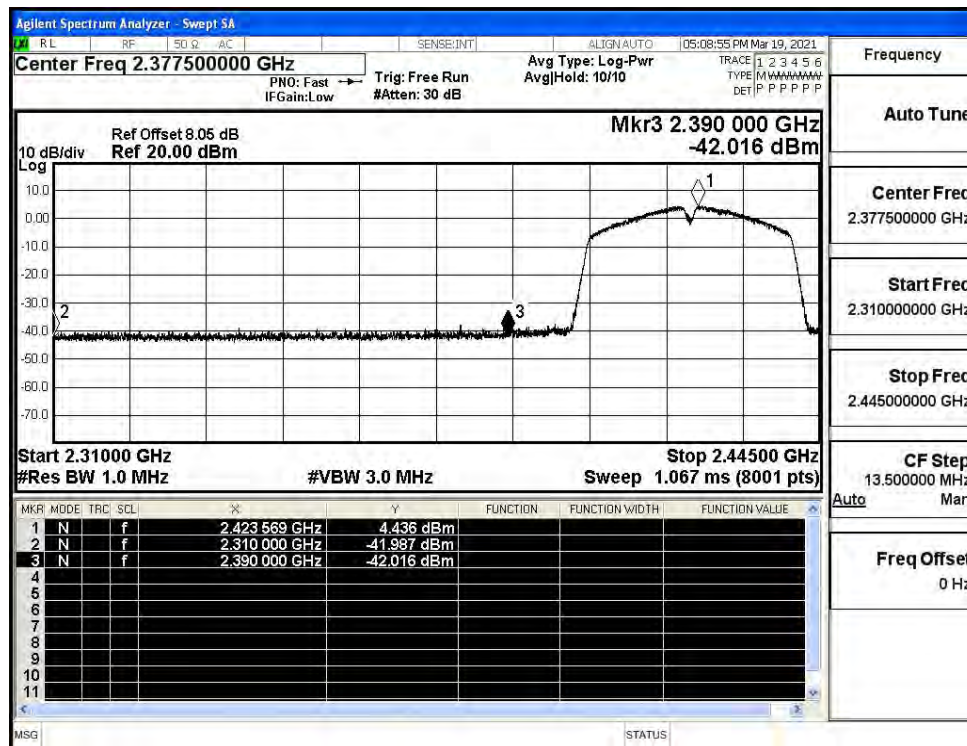
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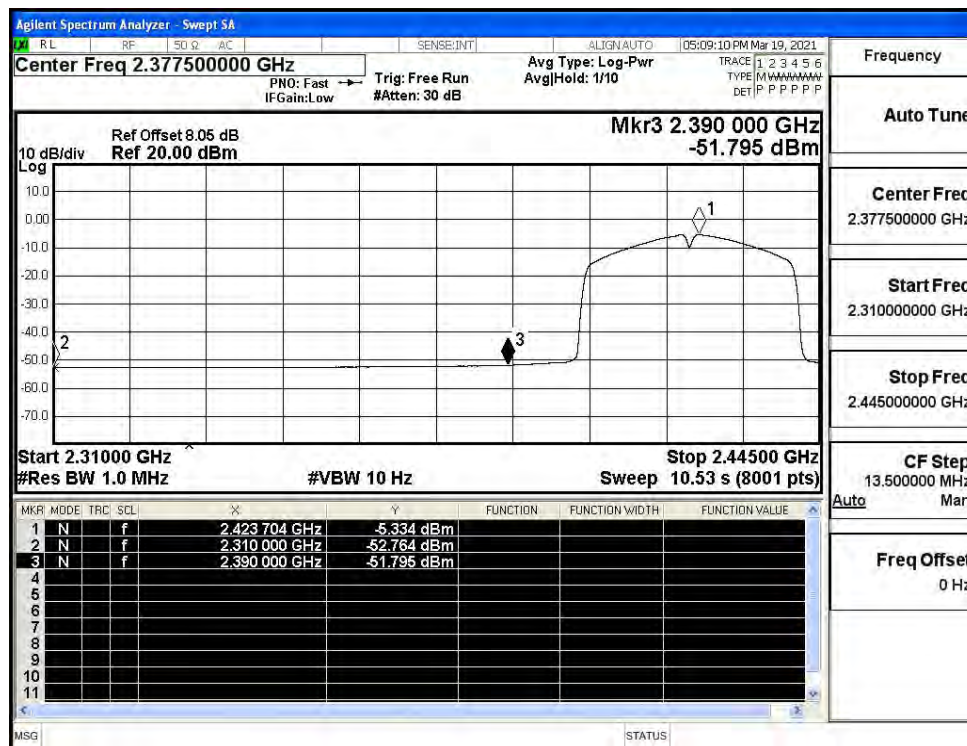
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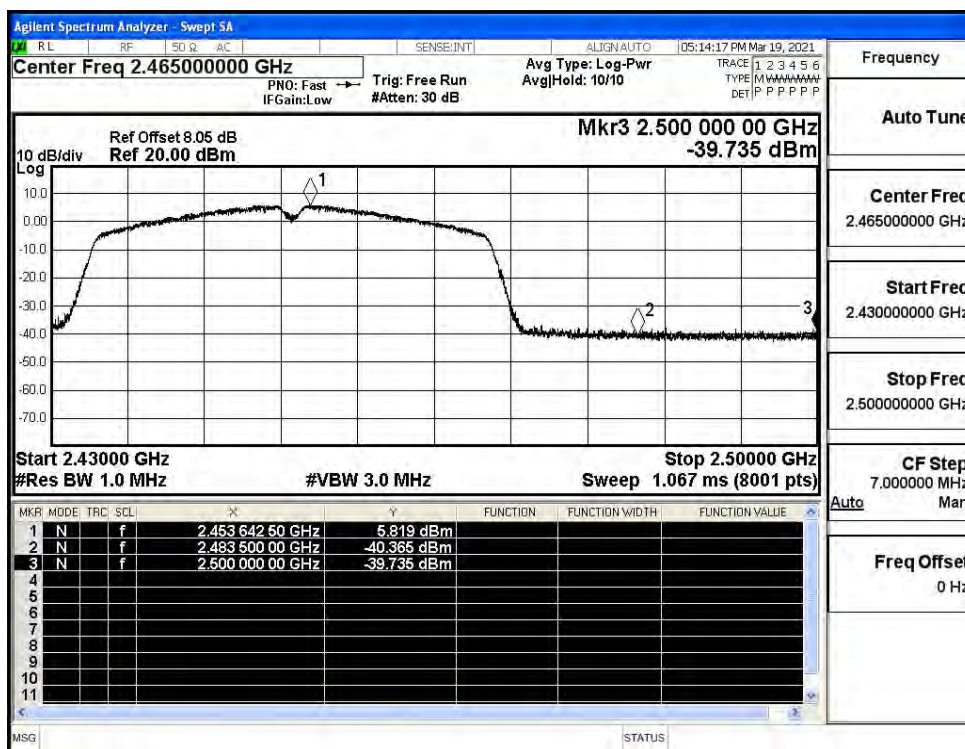
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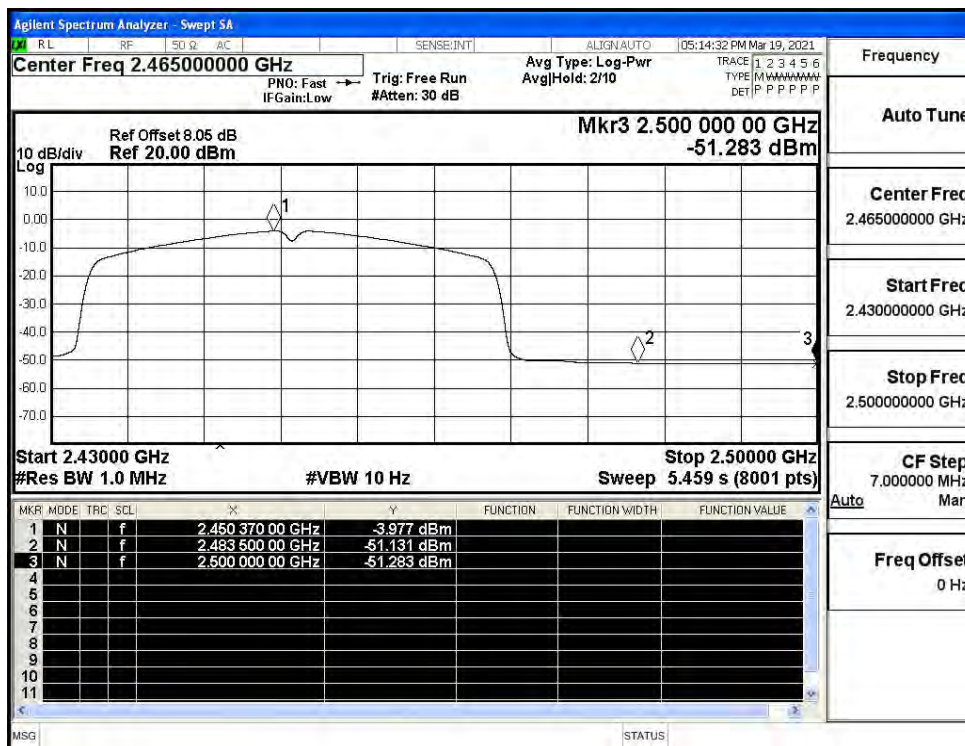
## Restrict-band band-edge measurements\_11N40SISO\_2422\_Ant1\_AV



## Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_PEAK



## Restrict-band band-edge measurements\_11N40SISO\_2452\_Ant1\_AV



**Combined Ant\_0 and Ant\_1**

| Test Mode  | Frequency (MHz) | Covert Radiated E Level<br>At 3m (dBuV/m) |        |        | Antenna Gain (dBi) | Ground Factor | E [dBuV/m] | Detector | Limit (dBuV/m) |
|------------|-----------------|-------------------------------------------|--------|--------|--------------------|---------------|------------|----------|----------------|
|            |                 | Ant0                                      | Ant1   | Sum    |                    |               |            |          |                |
| 11N20 MIMO | 2412            | -42.23                                    | -42.07 | -39.14 | 8.01               | 0             | 64.10      | Peak     | 74             |
|            | 2412            | -52.78                                    | -52.73 | -49.74 | 8.01               | 0             | 53.49      | Average  | 54             |
|            | 2412            | -41.38                                    | -41.13 | -38.24 | 8.01               | 0             | 64.99      | Peak     | 74             |
|            | 2412            | -52.90                                    | -52.88 | -49.88 | 8.01               | 0             | 53.36      | Average  | 54             |
|            | 2462            | -40.30                                    | -40.64 | -37.46 | 8.01               | 0             | 65.78      | Peak     | 74             |
|            | 2462            | -53.0                                     | -51.91 | -48.64 | 8.01               | 0             | 53.83      | Average  | 54             |
|            | 2462            | -39.95                                    | -40.43 | -37.17 | 8.01               | 0             | 66.06      | Peak     | 74             |
|            | 2462            | -52.38                                    | -52.73 | -49.54 | 8.01               | 0             | 53.70      | Average  | 54             |
| 11N40 MIMO | 2422            | -42.66                                    | -41.99 | -39.30 | 8.01               | 0             | 63.94      | Peak     | 74             |
|            | 2422            | -52.86                                    | -52.76 | -49.80 | 8.01               | 0             | 53.44      | Average  | 54             |
|            | 2422            | -41.39                                    | -42.02 | -38.68 | 8.01               | 0             | 64.55      | Peak     | 74             |
|            | 2422            | -52.84                                    | -51.8  | -48.81 | 8.01               | 0             | 53.96      | Average  | 54             |
|            | 2452            | -41.13                                    | -40.37 | -37.72 | 8.01               | 0             | 65.51      | Peak     | 74             |
|            | 2452            | -53.31                                    | -52.13 | -48.21 | 8.01               | 0             | 53.57      | Average  | 54             |
|            | 2452            | -40.93                                    | -39.74 | -37.28 | 8.01               | 0             | 65.95      | Peak     | 74             |
|            | 2452            | -52.37                                    | -52.28 | -48.31 | 8.01               | 0             | 53.92      | Average  | 54             |