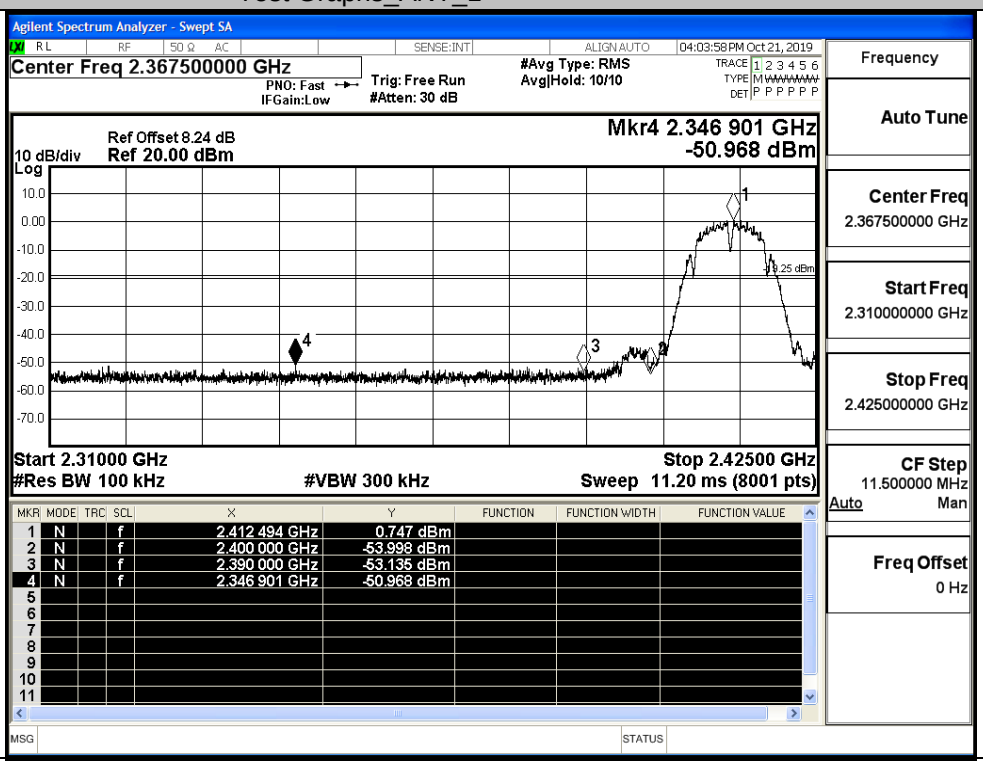
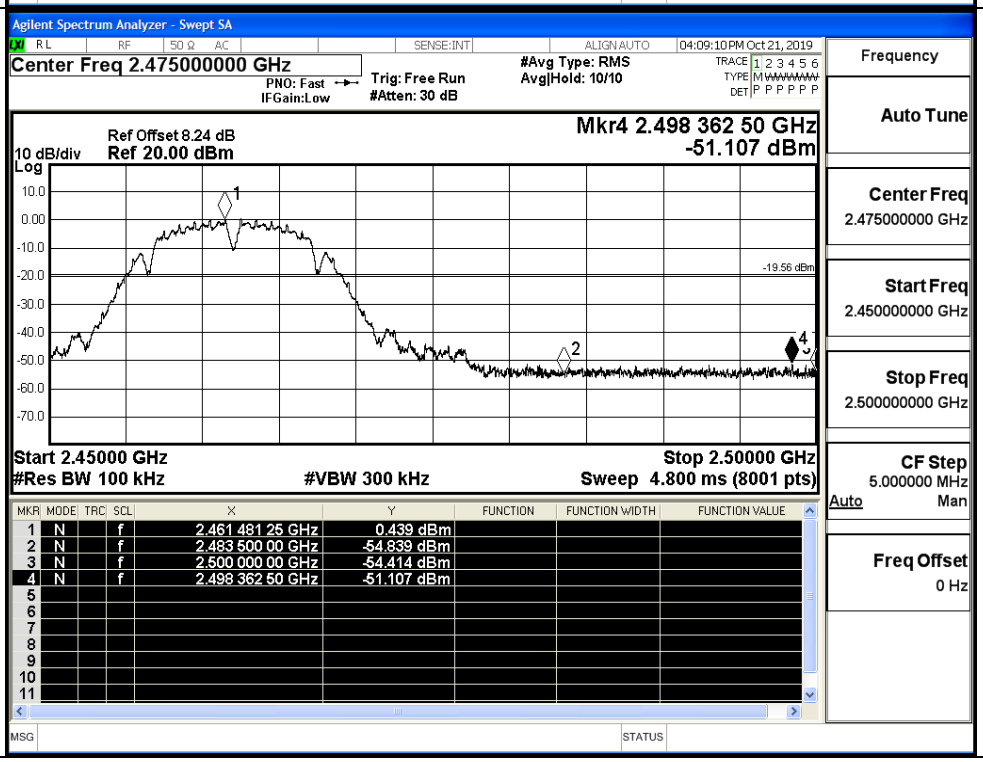
## C.6 Band-edge for RF Conducted Emissions

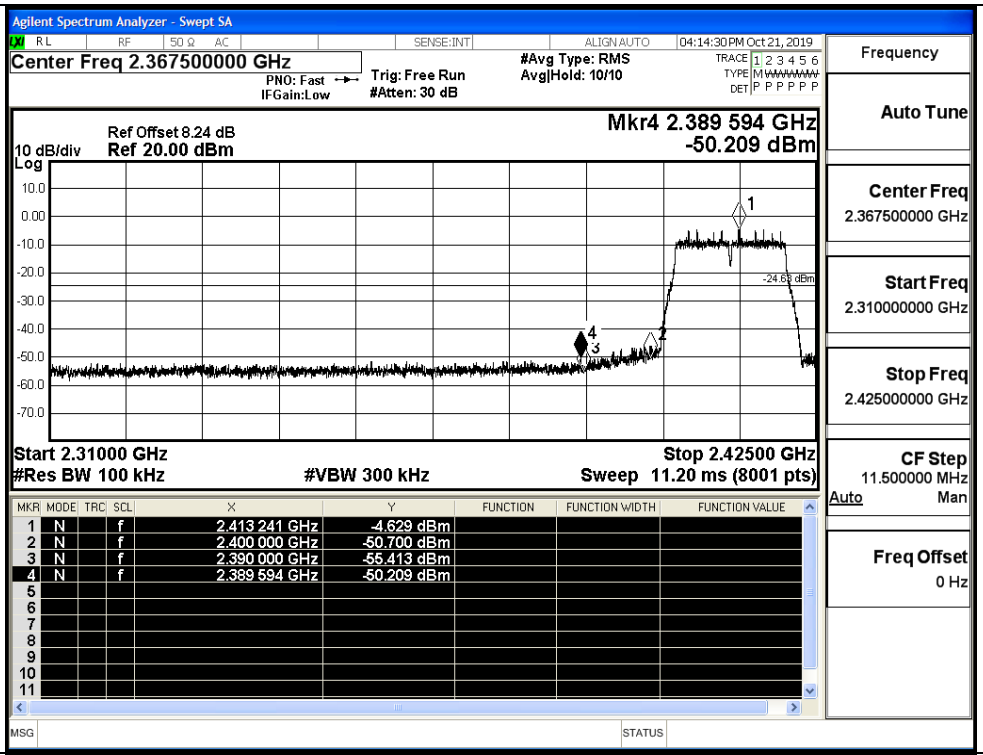
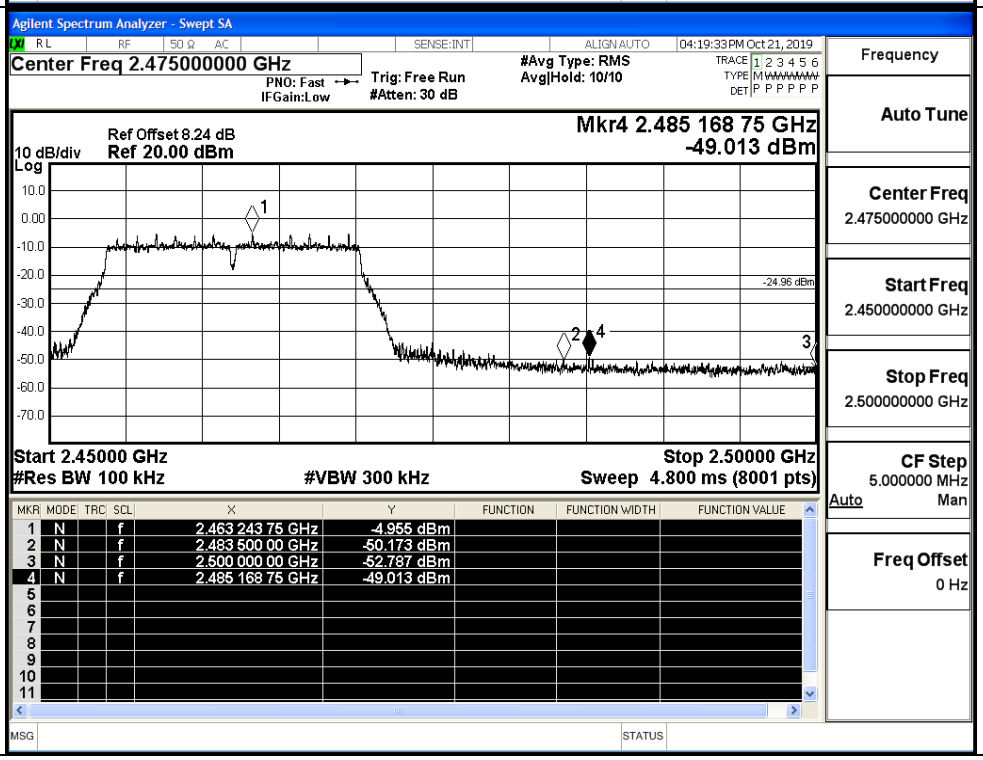
### Ant_1

| Mode | Channel | Carrier Power[dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|
| 11B | LCH | 0.747 | -50.968 | -19.25 | PASS |
| | HCH | 0.439 | -51.107 | -19.56 | PASS |
| 11G | LCH | -4.629 | -50.209 | -24.63 | PASS |
| | HCH | -4.955 | -49.013 | -24.96 | PASS |
| 11N20SISO | LCH | -4.249 | -50.435 | -24.25 | PASS |
| | HCH | -5.231 | -50.601 | -25.23 | PASS |
| 11N40SISO | LCH | -7.612 | -47.029 | -27.61 | PASS |
| | HCH | -7.771 | -43.918 | -27.77 | PASS |

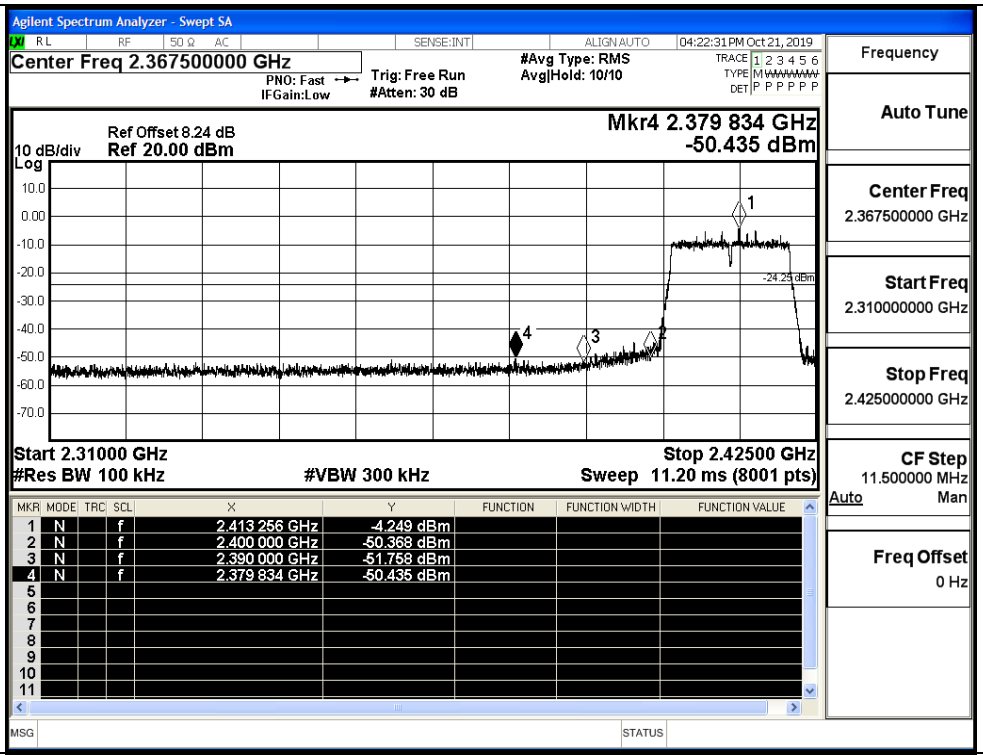
### Ant_2

| Mode | Channel | Carrier Power[dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|
| 11B | LCH | 0.942 | -51.275 | -19.06 | PASS |
| | HCH | 1.046 | -51.821 | -18.95 | PASS |
| 11G | LCH | -7.734 | -50.687 | -27.73 | PASS |
| | HCH | -8.588 | -50.060 | -28.59 | PASS |
| 11N20SISO | LCH | -7.927 | -50.787 | -27.93 | PASS |
| | HCH | -7.841 | -50.481 | -27.84 | PASS |
| 11N40SISO | LCH | -11.414 | -49.232 | -31.41 | PASS |
| | HCH | -11.074 | -48.198 | -31.07 | PASS |

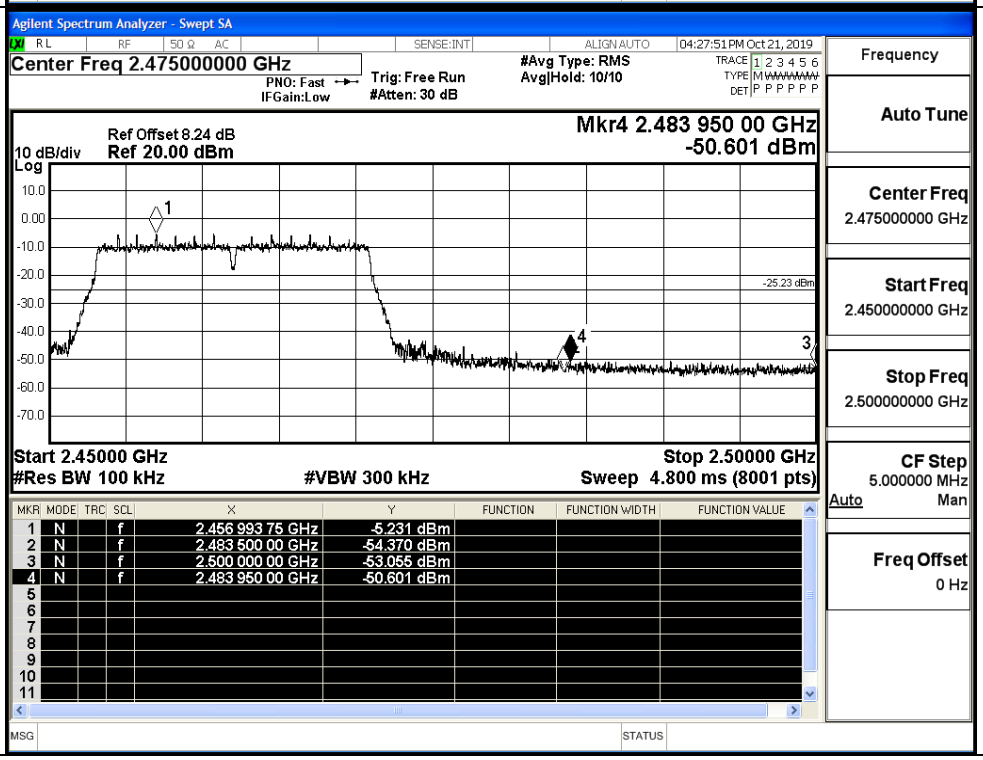
| Test Graphs_ANT_1 | | |
|---|---|---|
| 11B/LCH | |  |
| 11B/HCH | |  |

| | |
|---|---|
| 11G/LCH |  |
| 11G/HCH |  |

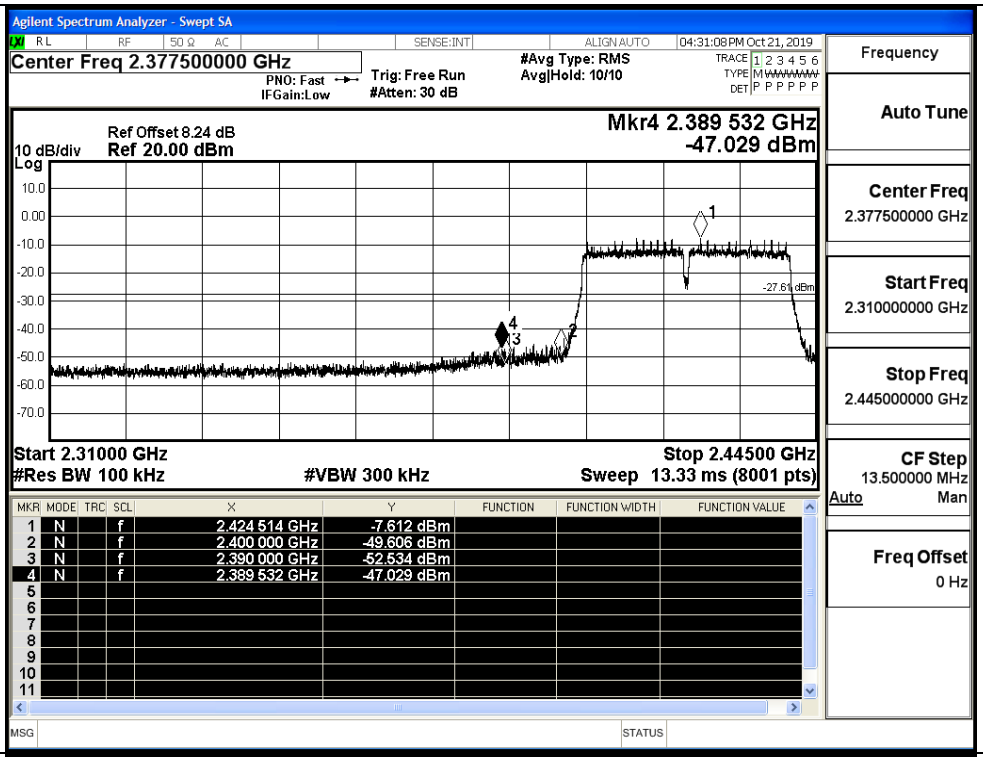
11N20SISO/LCH



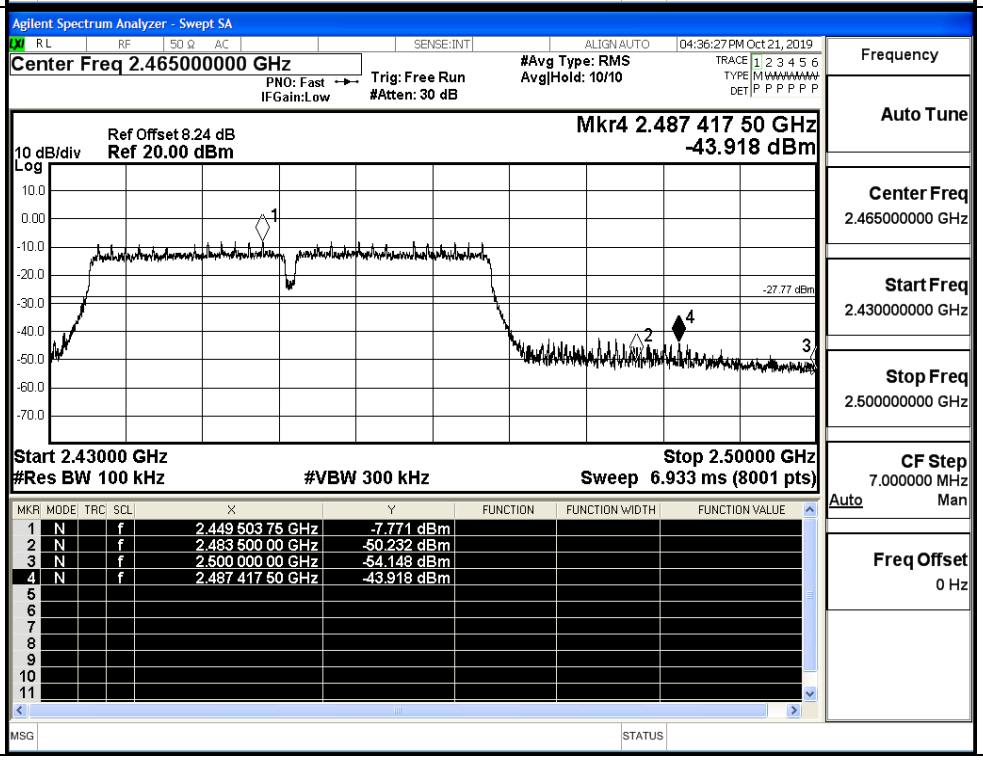

11N20SISO/HCH

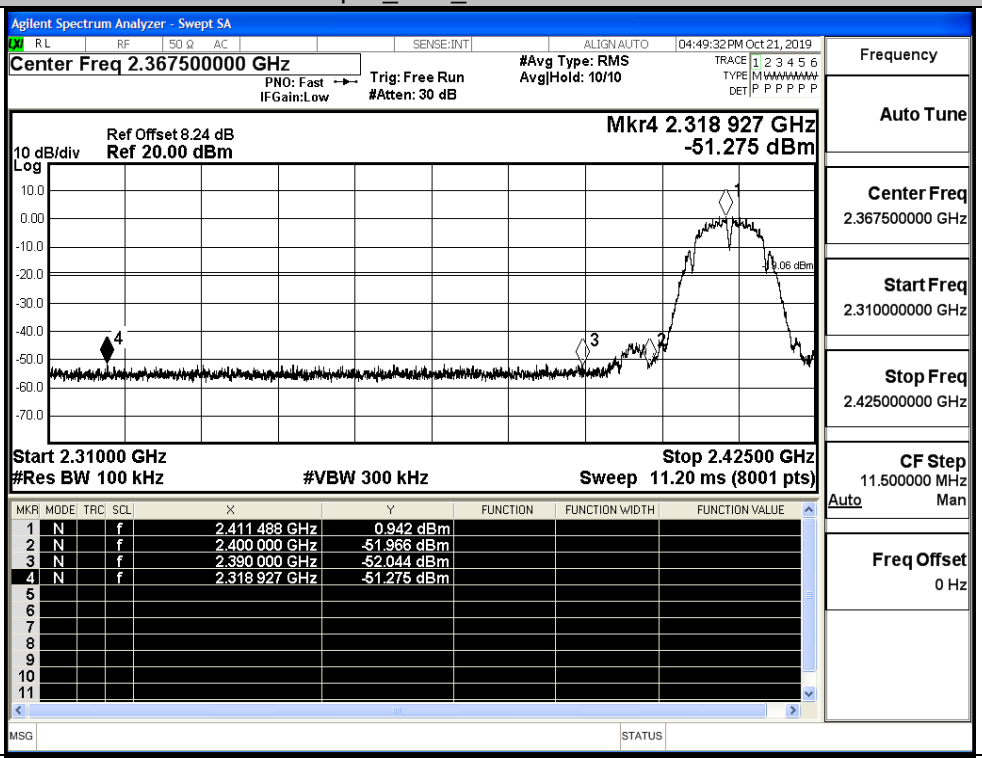
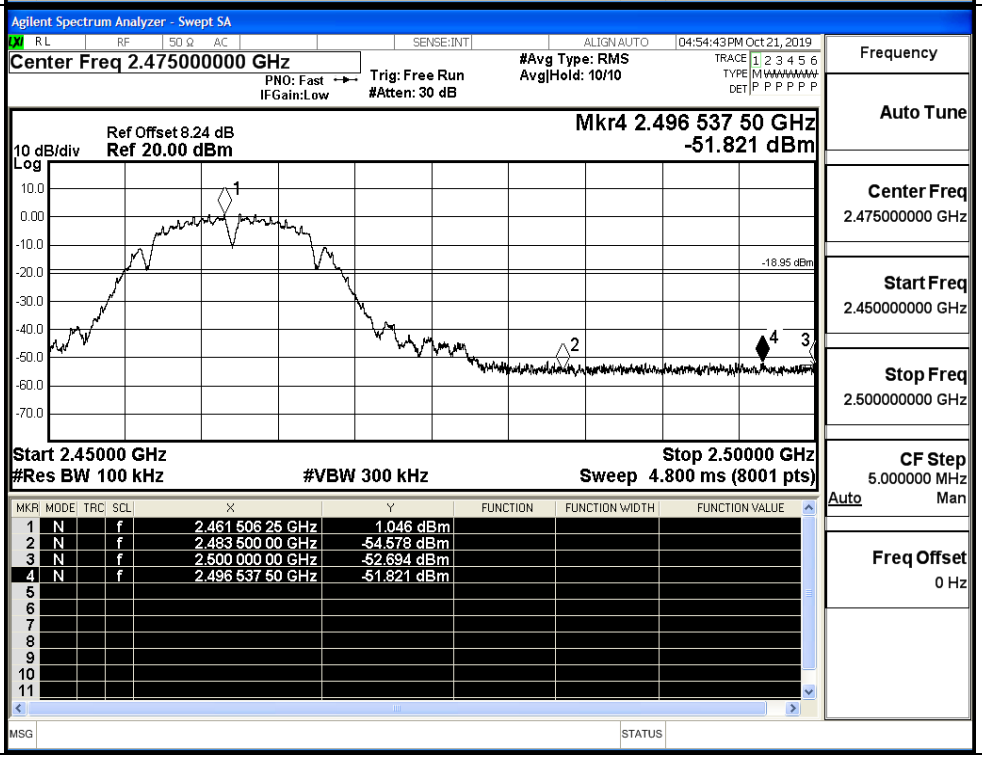


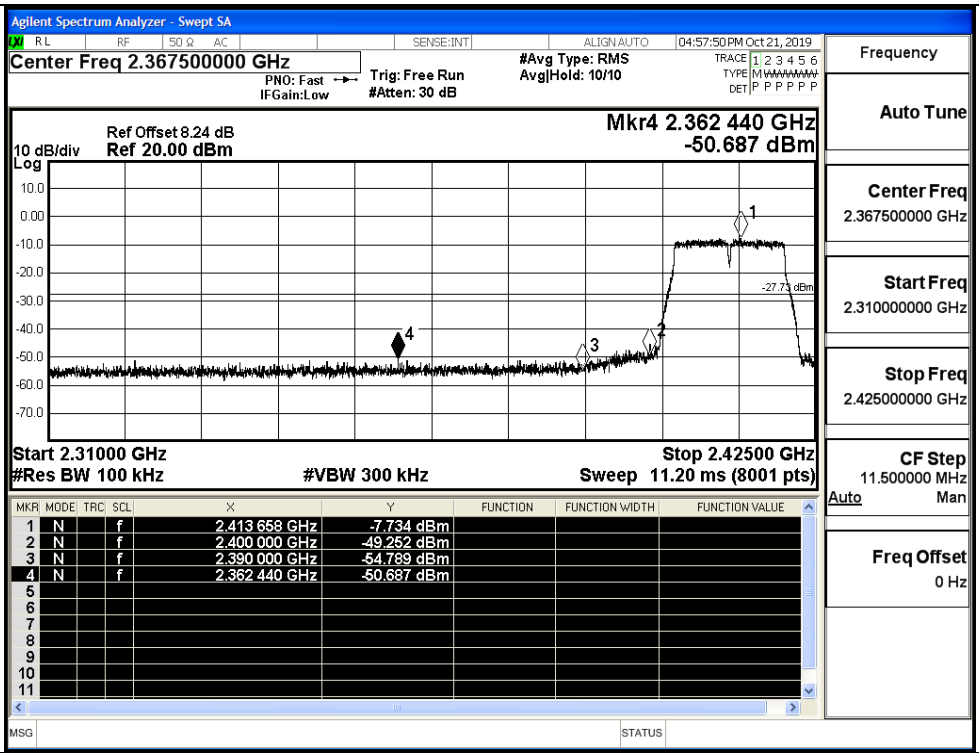
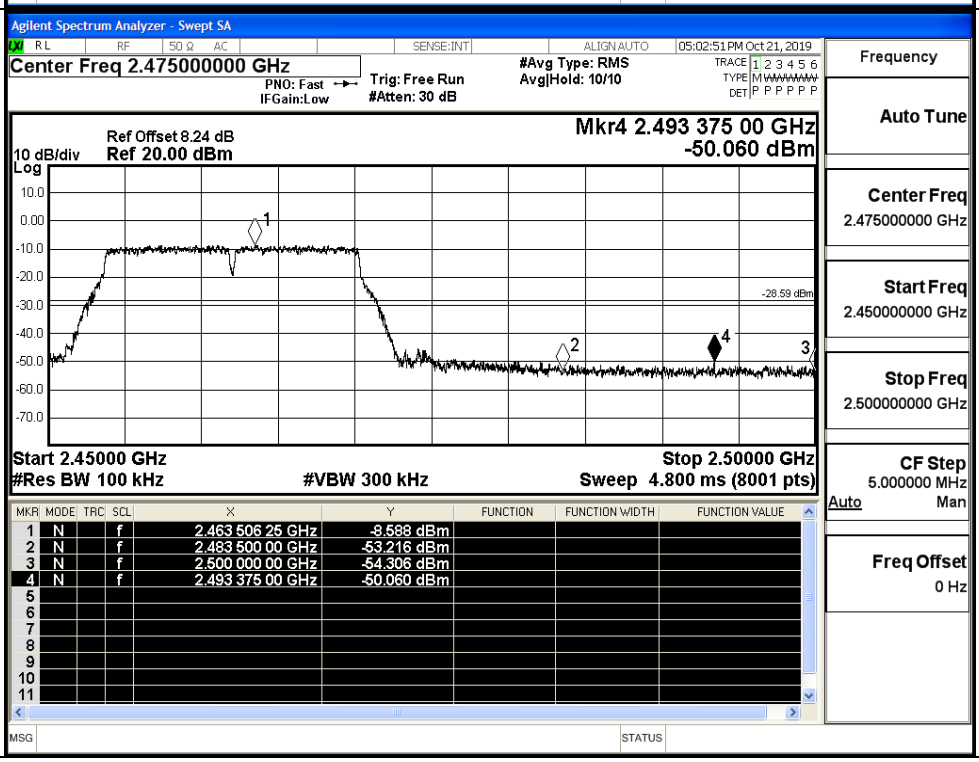
11N40SISO/LCH

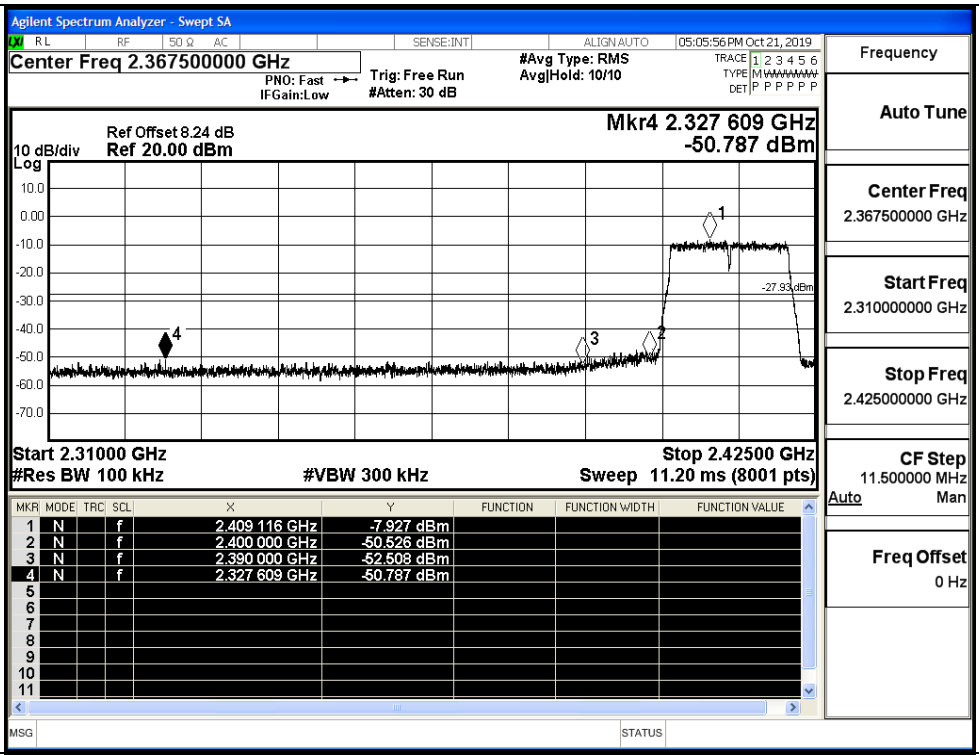
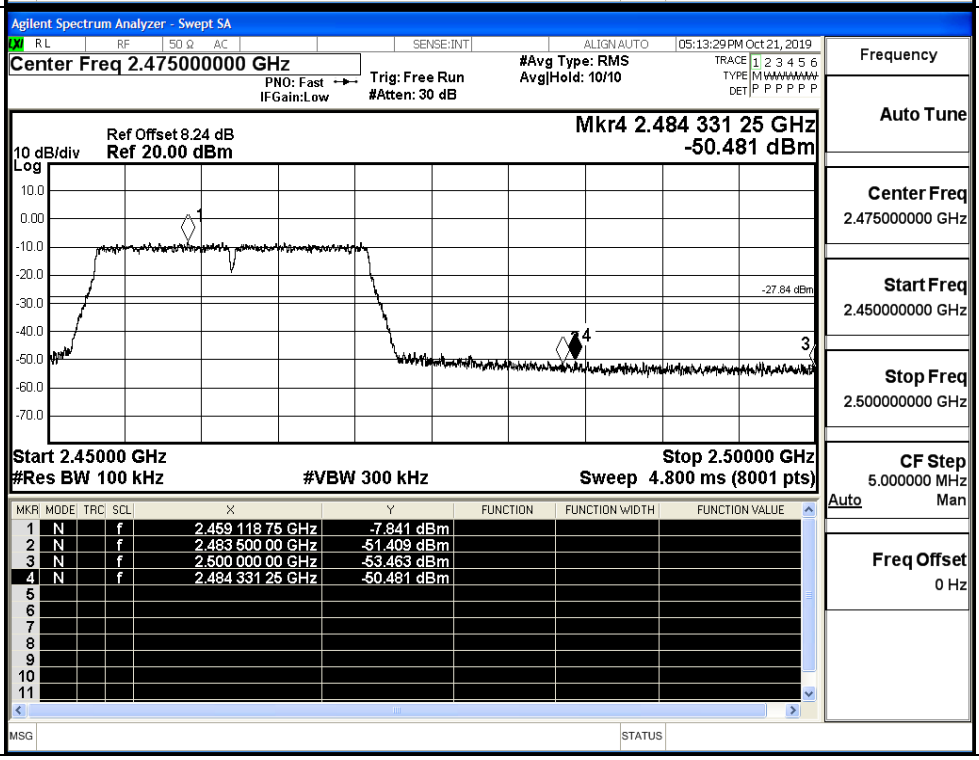



11N40SISO/HCH

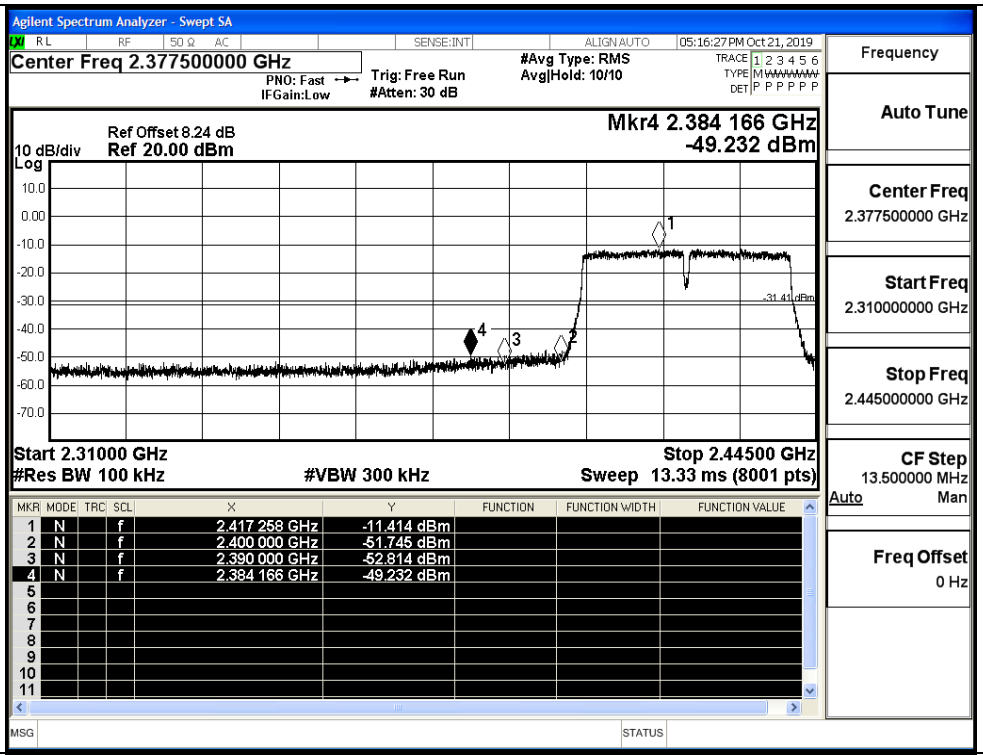


| Test Graphs_ANT_2 | | |
|---|---|---|
| 11B/LCH | |  |
| 11B/HCH | |  |

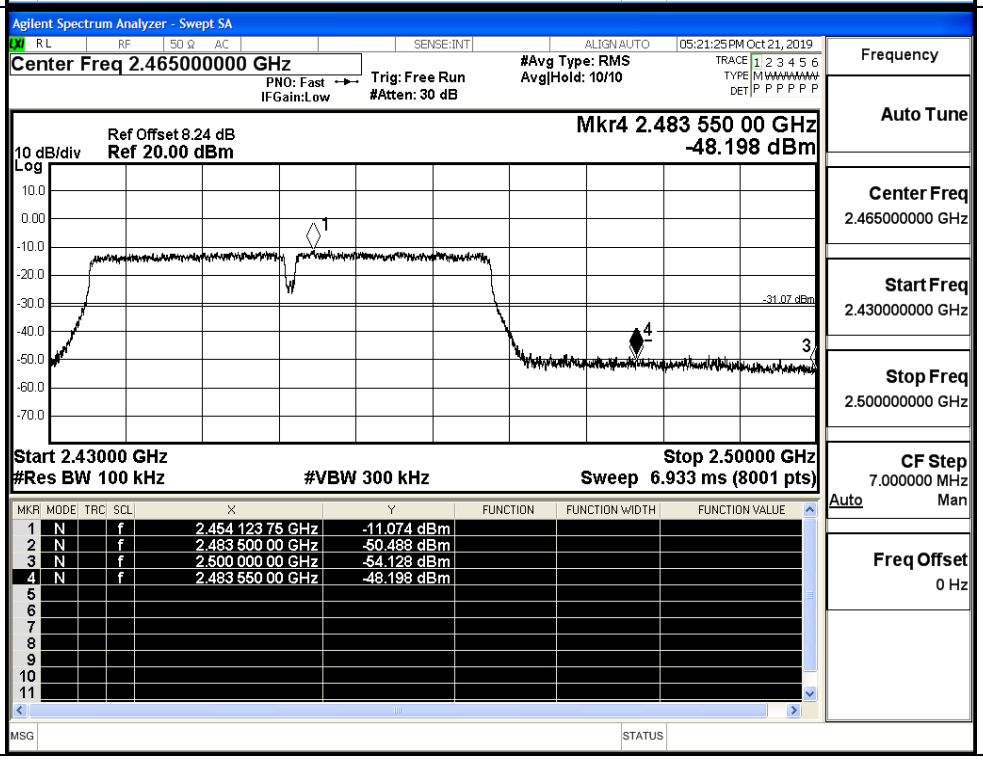
| | | |
|---|---|---|
| 11G/LCH | |  |
| 11G/HCH | |  |

| | | |
|---|---|---|
| 11N20SISO/LCH | |  |
| 11N20SISO/HCH | |  |

11N40SISO/LCH




11N40SISO/HCH



## A7 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 | Ant1 | 2310.0 | -44.40 | 3.0 | 0 | 53.83 | PEAK | 74 | PASS |
| | 2412 | Ant1 | 2310.0 | -55.04 | 3.0 | 0 | 43.19 | AV | 54 | PASS |
| | 2412 | Ant1 | 2390.0 | -44.21 | 3.0 | 0 | 54.02 | PEAK | 74 | PASS |
| | 2412 | Ant1 | 2390.0 | -54.21 | 3.0 | 0 | 44.02 | AV | 54 | PASS |
| | 2462 | Ant1 | 2483.5 | -44.27 | 3.0 | 0 | 53.96 | PEAK | 74 | PASS |
| | 2462 | Ant1 | 2483.5 | -54.18 | 3.0 | 0 | 44.05 | AV | 54 | PASS |
| | 2462 | Ant1 | 2500.0 | -43.83 | 3.0 | 0 | 54.40 | PEAK | 74 | PASS |
| | 2462 | Ant1 | 2500.0 | -54.30 | 3.0 | 0 | 43.93 | AV | 54 | PASS |
| 11G | 2412 | Ant1 | 2310.0 | -45.50 | 3.0 | 0 | 52.73 | PEAK | 74 | PASS |
| | 2412 | Ant1 | 2310.0 | -54.91 | 3.0 | 0 | 43.32 | AV | 54 | PASS |
| | 2412 | Ant1 | 2390.0 | -43.74 | 3.0 | 0 | 54.49 | PEAK | 74 | PASS |
| | 2412 | Ant1 | 2390.0 | -53.19 | 3.0 | 0 | 45.04 | AV | 54 | PASS |
| | 2462 | Ant1 | 2483.5 | -43.28 | 3.0 | 0 | 54.95 | PEAK | 74 | PASS |
| | 2462 | Ant1 | 2483.5 | -52.99 | 3.0 | 0 | 45.24 | AV | 54 | PASS |
| | 2462 | Ant1 | 2500.0 | -43.07 | 3.0 | 0 | 55.16 | PEAK | 74 | PASS |
| | 2462 | Ant1 | 2500.0 | -53.84 | 3.0 | 0 | 44.39 | AV | 54 | PASS |
| 11N20 SISO | 2412 | Ant1 | 2310.0 | -44.99 | 3.0 | 0 | 53.24 | PEAK | 74 | PASS |
| | 2412 | Ant1 | 2310.0 | -54.91 | 3.0 | 0 | 43.32 | AV | 54 | PASS |
| | 2412 | Ant1 | 2390.0 | -39.57 | 3.0 | 0 | 58.66 | PEAK | 74 | PASS |
| | 2412 | Ant1 | 2390.0 | -53.08 | 3.0 | 0 | 45.15 | AV | 54 | PASS |
| | 2462 | Ant1 | 2483.5 | -41.10 | 3.0 | 0 | 57.13 | PEAK | 74 | PASS |
| | 2462 | Ant1 | 2483.5 | -52.71 | 3.0 | 0 | 45.52 | AV | 54 | PASS |
| | 2462 | Ant1 | 2500.0 | -44.29 | 3.0 | 0 | 53.94 | PEAK | 74 | PASS |
| | 2462 | Ant1 | 2500.0 | -53.79 | 3.0 | 0 | 44.44 | AV | 54 | PASS |
| 11N40 SISO | 2422 | Ant1 | 2310.0 | -44.89 | 3.0 | 0 | 53.34 | PEAK | 74 | PASS |
| | 2422 | Ant1 | 2310.0 | -54.99 | 3.0 | 0 | 43.24 | AV | 54 | PASS |
| | 2422 | Ant1 | 2390.0 | -40.49 | 3.0 | 0 | 57.74 | PEAK | 74 | PASS |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2422 | Ant1 | 2390.0 | -51.27 | 3.0 | 0 | 46.96 | AV | 54 | PASS |
| | 2452 | Ant1 | 2483.5 | -33.36 | 3.0 | 0 | 64.87 | PEAK | 74 | PASS |
| | 2452 | Ant1 | 2483.5 | -51.22 | 3.0 | 0 | 47.01 | AV | 54 | PASS |
| | 2452 | Ant1 | 2500.0 | -43.59 | 3.0 | 0 | 54.64 | PEAK | 74 | PASS |
| | 2452 | Ant1 | 2500.0 | -53.30 | 3.0 | 0 | 44.93 | AV | 54 | PASS |

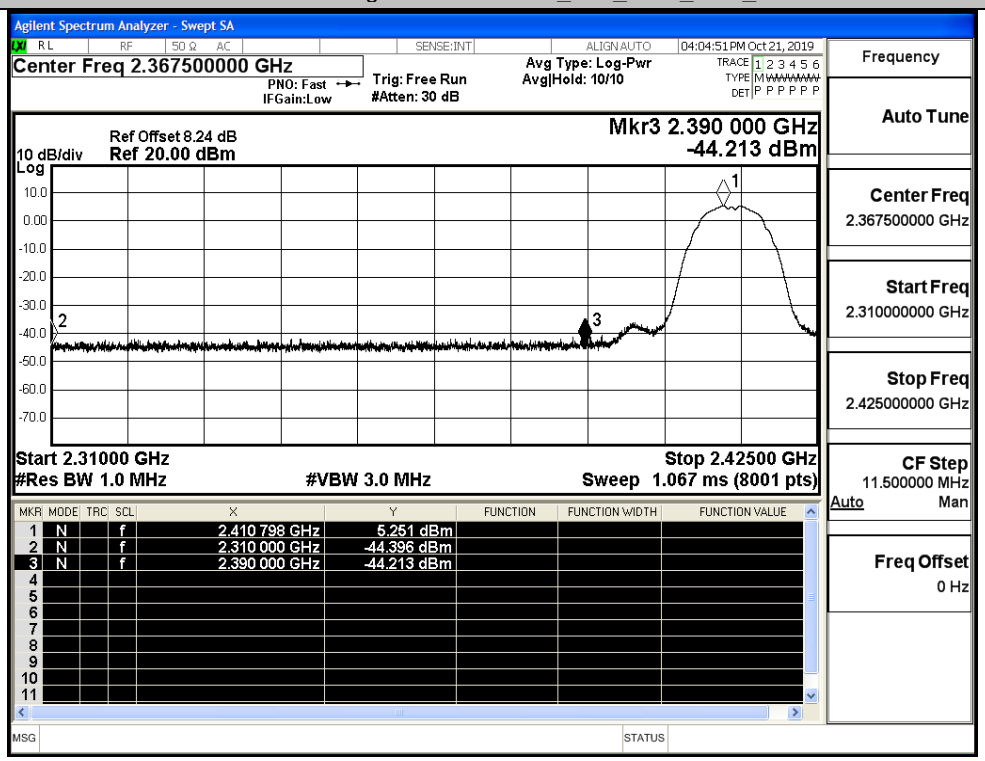
| Test Mode | Test Channel | Ant | Freq. | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 11B | 2412 | Ant2 | 2310.0 | -45.16 | 3.0 | 0 | 53.07 | PEAK | 74 | PASS |
| | 2412 | Ant2 | 2310.0 | -55.06 | 3.0 | 0 | 43.17 | AV | 54 | PASS |
| | 2412 | Ant2 | 2390.0 | -43.70 | 3.0 | 0 | 54.53 | PEAK | 74 | PASS |
| | 2412 | Ant2 | 2390.0 | -54.17 | 3.0 | 0 | 44.06 | AV | 54 | PASS |
| | 2462 | Ant2 | 2483.5 | -43.63 | 3.0 | 0 | 54.60 | PEAK | 74 | PASS |
| | 2462 | Ant2 | 2483.5 | -54.18 | 3.0 | 0 | 44.05 | AV | 54 | PASS |
| | 2462 | Ant2 | 2500.0 | -44.80 | 3.0 | 0 | 53.43 | PEAK | 74 | PASS |
| | 2462 | Ant2 | 2500.0 | -54.12 | 3.0 | 0 | 44.11 | AV | 54 | PASS |
| 11G | 2412 | Ant2 | 2310.0 | -43.33 | 3.0 | 0 | 54.90 | PEAK | 74 | PASS |
| | 2412 | Ant2 | 2310.0 | -54.96 | 3.0 | 0 | 43.27 | AV | 54 | PASS |
| | 2412 | Ant2 | 2390.0 | -42.58 | 3.0 | 0 | 55.65 | PEAK | 74 | PASS |
| | 2412 | Ant2 | 2390.0 | -53.46 | 3.0 | 0 | 44.77 | AV | 54 | PASS |
| | 2462 | Ant2 | 2483.5 | -42.91 | 3.0 | 0 | 55.32 | PEAK | 74 | PASS |
| | 2462 | Ant2 | 2483.5 | -53.13 | 3.0 | 0 | 45.10 | AV | 54 | PASS |
| | 2462 | Ant2 | 2500.0 | -42.05 | 3.0 | 0 | 56.18 | PEAK | 74 | PASS |
| | 2462 | Ant2 | 2500.0 | -53.82 | 3.0 | 0 | 44.41 | AV | 54 | PASS |
| 11N20 SISO | 2412 | Ant2 | 2310.0 | -45.00 | 3.0 | 0 | 53.23 | PEAK | 74 | PASS |
| | 2412 | Ant2 | 2310.0 | -54.97 | 3.0 | 0 | 43.26 | AV | 54 | PASS |
| | 2412 | Ant2 | 2390.0 | -42.60 | 3.0 | 0 | 55.63 | PEAK | 74 | PASS |
| | 2412 | Ant2 | 2390.0 | -53.03 | 3.0 | 0 | 45.20 | AV | 54 | PASS |
| | 2462 | Ant2 | 2483.5 | -40.42 | 3.0 | 0 | 57.81 | PEAK | 74 | PASS |
| | 2462 | Ant2 | 2483.5 | -52.84 | 3.0 | 0 | 45.39 | AV | 54 | PASS |
| | 2462 | Ant2 | 2500.0 | -43.76 | 3.0 | 0 | 54.47 | PEAK | 74 | PASS |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2462 | Ant2 | 2500.0 | -53.79 | 3.0 | 0 | 44.44 | AV | 54 | PASS |
| 11N40 SISO | 2422 | Ant2 | 2310.0 | -44.49 | 3.0 | 0 | 53.74 | PEAK | 74 | PASS |
| | 2422 | Ant2 | 2310.0 | -54.97 | 3.0 | 0 | 43.26 | AV | 54 | PASS |
| | 2422 | Ant2 | 2390.0 | -42.11 | 3.0 | 0 | 56.12 | PEAK | 74 | PASS |
| | 2422 | Ant2 | 2390.0 | -51.71 | 3.0 | 0 | 46.52 | AV | 54 | PASS |
| | 2452 | Ant2 | 2483.5 | -40.99 | 3.0 | 0 | 57.24 | PEAK | 74 | PASS |
| | 2452 | Ant2 | 2483.5 | -51.40 | 3.0 | 0 | 46.83 | AV | 54 | PASS |
| | 2452 | Ant2 | 2500.0 | -42.95 | 3.0 | 0 | 55.28 | PEAK | 74 | PASS |
| | 2452 | Ant2 | 2500.0 | -53.40 | 3.0 | 0 | 44.83 | AV | 54 | PASS |

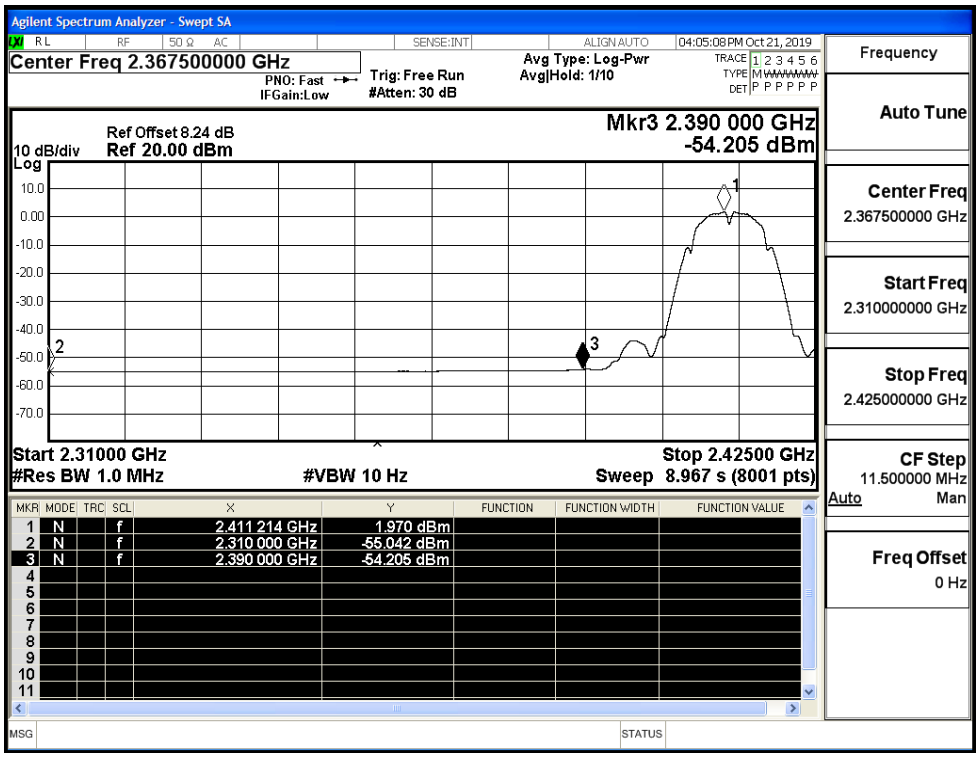
## Combined Ant_1 and Ant_2

| Test Mode | Test Channel | Freq. | Power [dBm] | | | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ant1 | Ant2 | Sum | | | | | | |
| 11N20 | 2412 | 2310.0 | -44.99 | -45.00 | -41.98 | 6.01 | 0 | 59.26 | PEAK | 74 | PASS |
| | 2412 | 2310.0 | -54.91 | -54.97 | -51.93 | 6.01 | 0 | 49.31 | AV | 54 | PASS |
| | 2412 | 2390.0 | -39.57 | -42.60 | -37.82 | 6.01 | 0 | 63.42 | PEAK | 74 | PASS |
| | 2412 | 2390.0 | -53.08 | -53.03 | -50.04 | 6.01 | 0 | 51.20 | AV | 54 | PASS |
| | 2462 | 2483.5 | -41.10 | -40.42 | -37.74 | 6.01 | 0 | 63.50 | PEAK | 74 | PASS |
| | 2462 | 2483.5 | -52.71 | -52.84 | -49.76 | 6.01 | 0 | 51.48 | AV | 54 | PASS |
| | 2462 | 2500.0 | -44.29 | -43.76 | -41.01 | 6.01 | 0 | 60.23 | PEAK | 74 | PASS |
| | 2462 | 2500.0 | -53.79 | -53.79 | -50.78 | 6.01 | 0 | 50.46 | AV | 54 | PASS |
| 11N40 | 2422 | 2310.0 | -44.89 | -44.49 | -41.68 | 6.01 | 0 | 59.56 | PEAK | 74 | PASS |
| | 2422 | 2310.0 | -54.99 | -54.97 | -51.97 | 6.01 | 0 | 49.27 | AV | 54 | PASS |
| | 2422 | 2390.0 | -40.49 | -42.11 | -38.21 | 6.01 | 0 | 63.03 | PEAK | 74 | PASS |
| | 2422 | 2390.0 | -51.27 | -51.71 | -48.47 | 6.01 | 0 | 52.77 | AV | 54 | PASS |
| | 2452 | 2483.5 | -33.36 | -40.99 | -32.67 | 6.01 | 0 | 68.57 | PEAK | 74 | PASS |
| | 2452 | 2483.5 | -51.22 | -51.40 | -48.30 | 6.01 | 0 | 52.94 | AV | 54 | PASS |
| | 2452 | 2500.0 | -43.59 | -42.95 | -40.25 | 6.01 | 0 | 60.99 | PEAK | 74 | PASS |
| | 2452 | 2500.0 | -53.30 | -53.40 | -50.34 | 6.01 | 0 | 50.90 | AV | 54 | PASS |

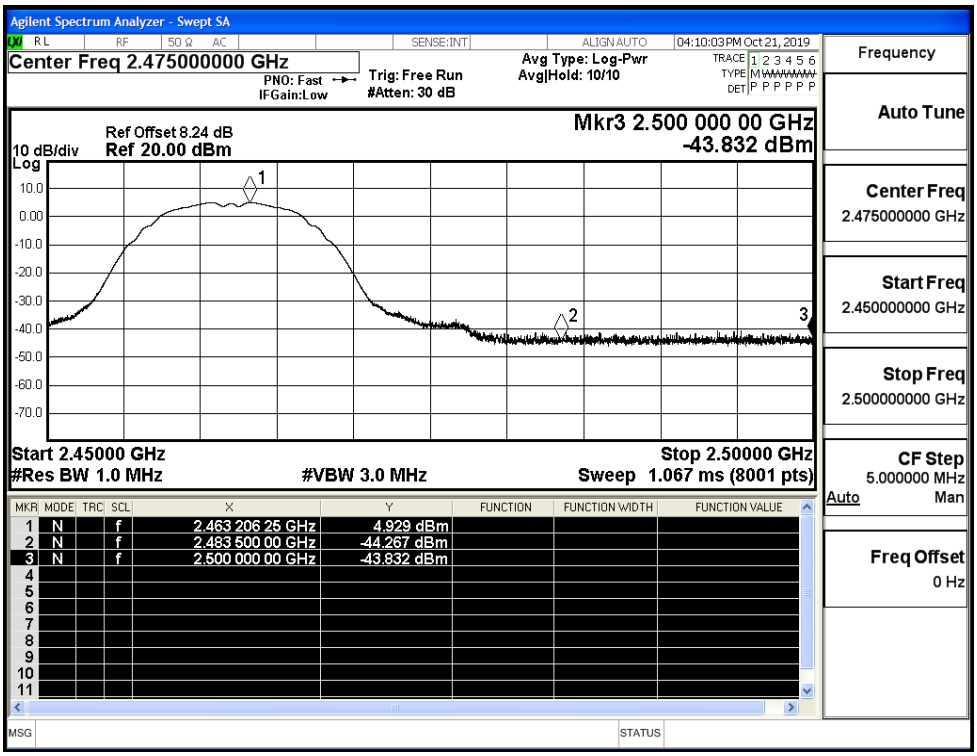
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



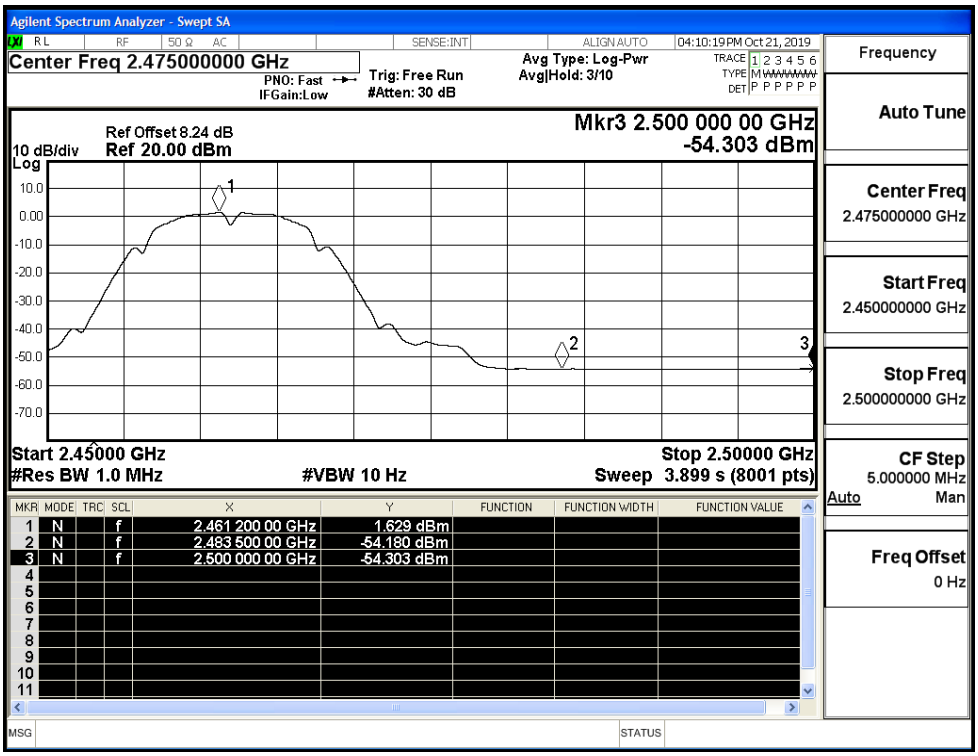

Restrict-band band-edge measurements_11B_2412_Ant1_AV



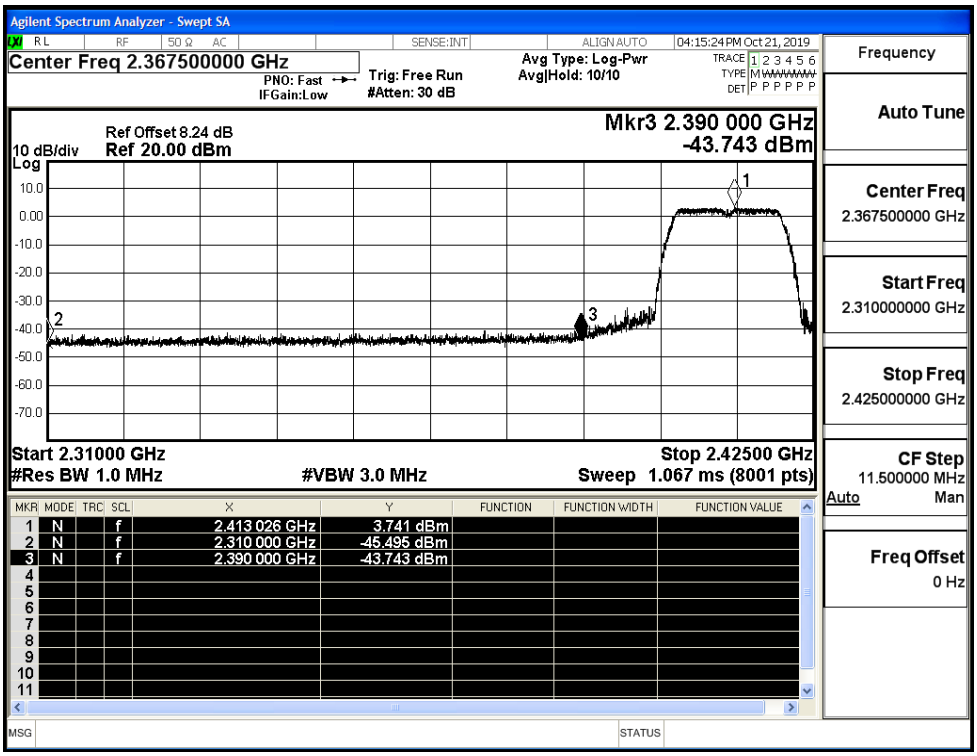
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK




Restrict-band band-edge measurements_11B_2462_Ant1_AV



Restrict-band band-edge measurements_11G_2412_Ant1_PEAK

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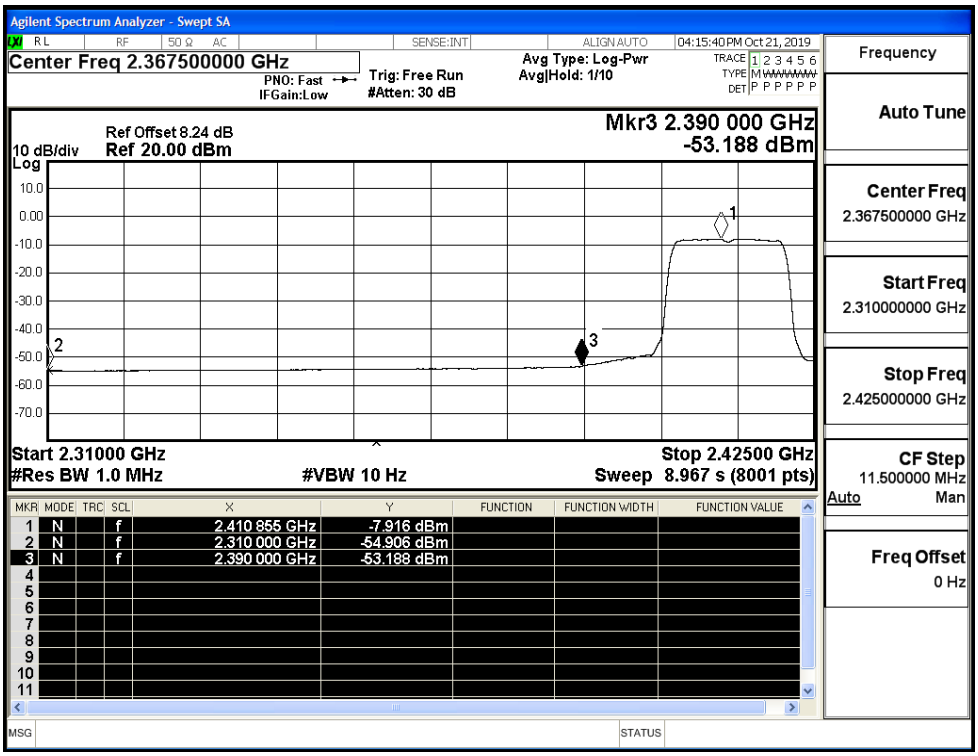
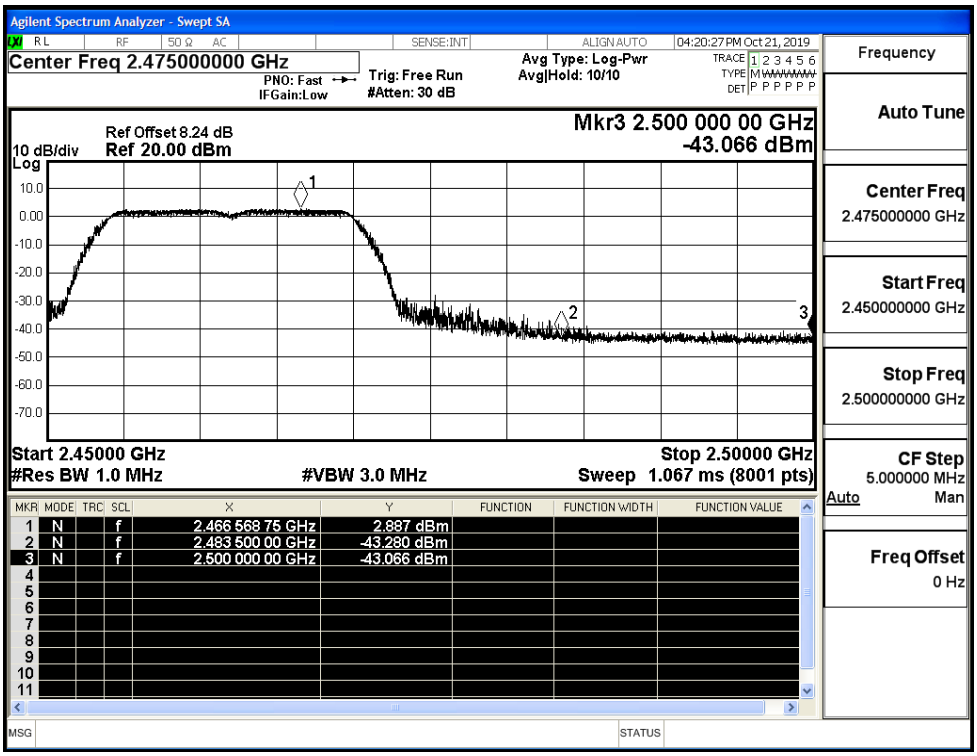
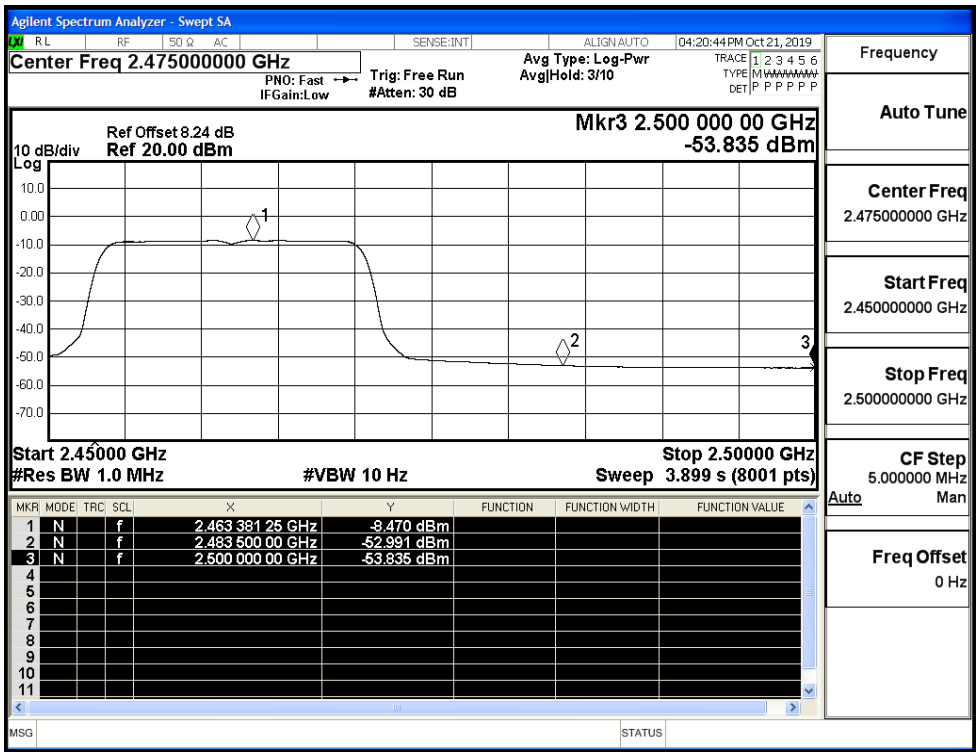


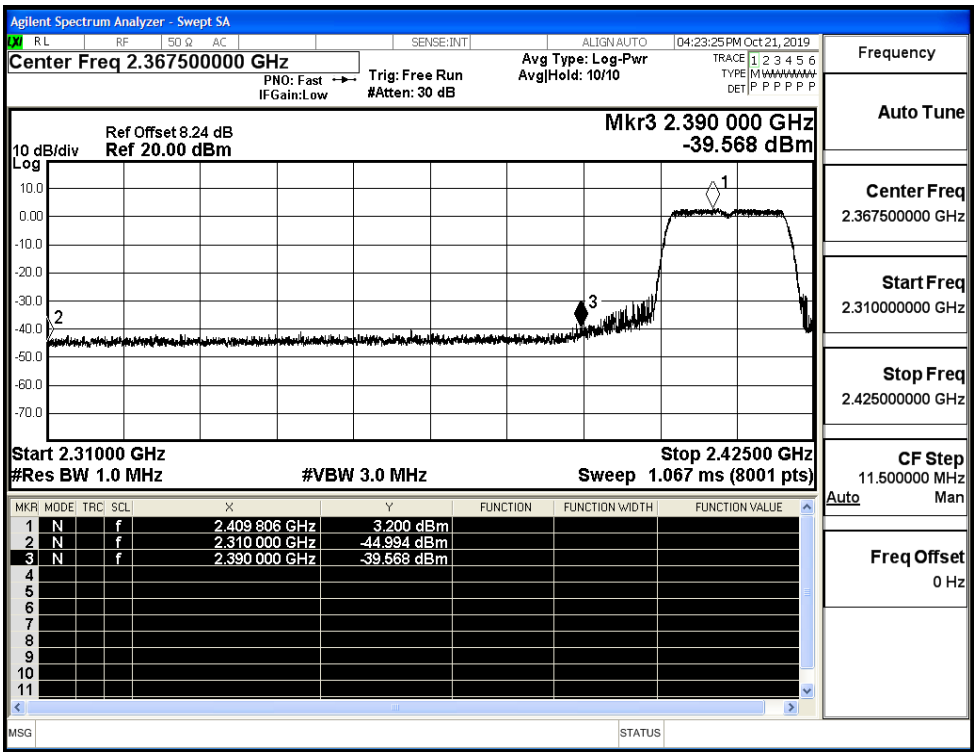
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



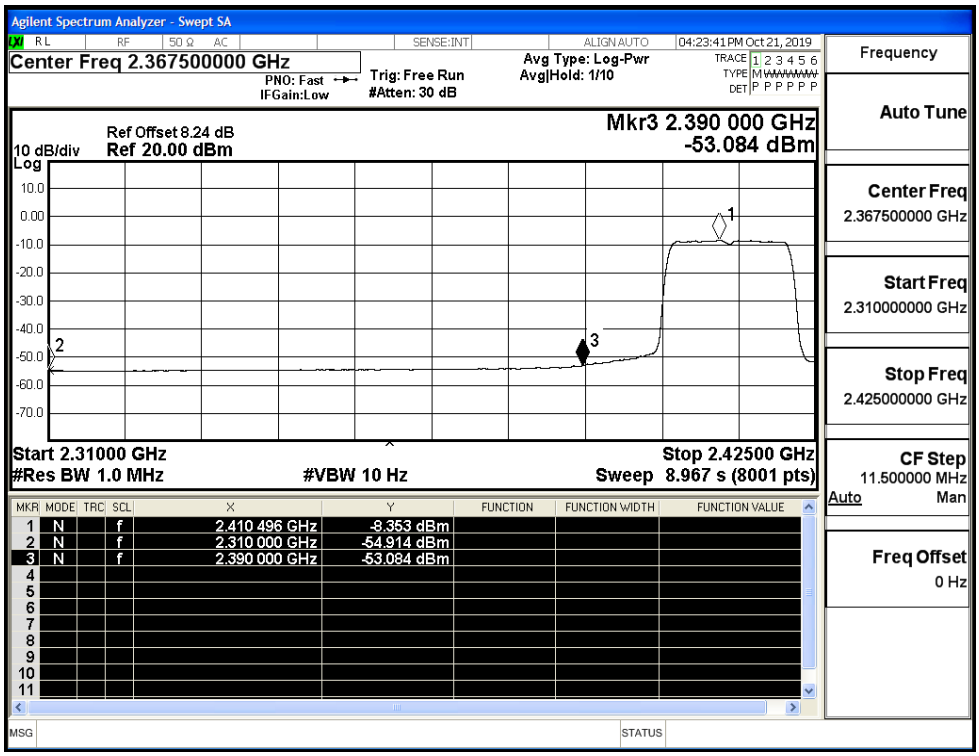

Restrict-band band-edge measurements_11G_2462_Ant1_AV



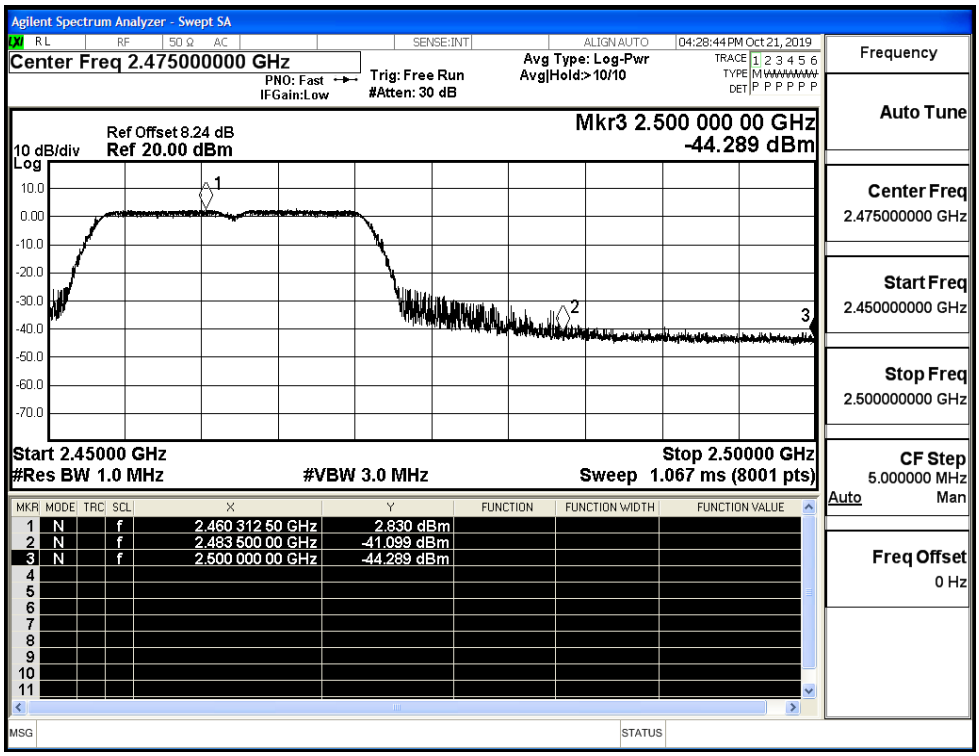
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK




Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK

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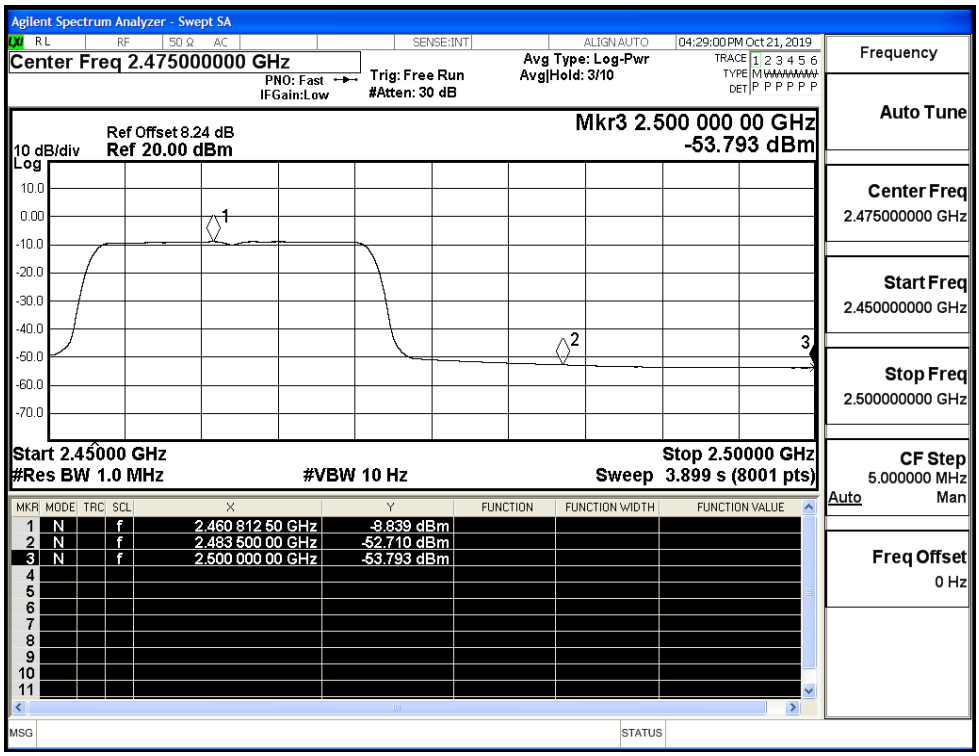

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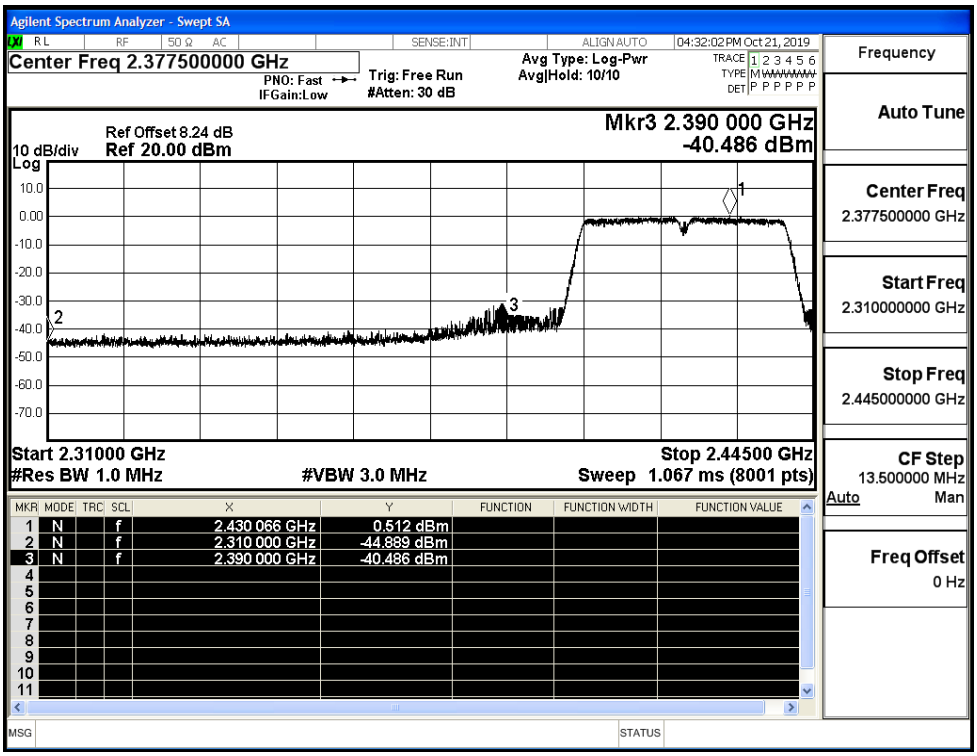


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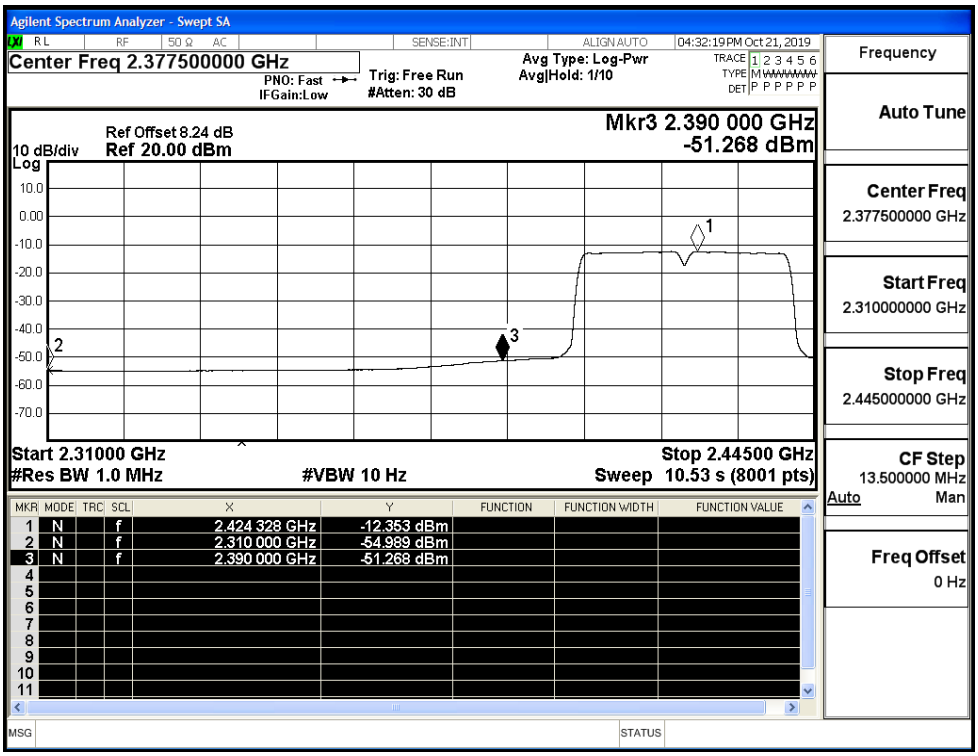

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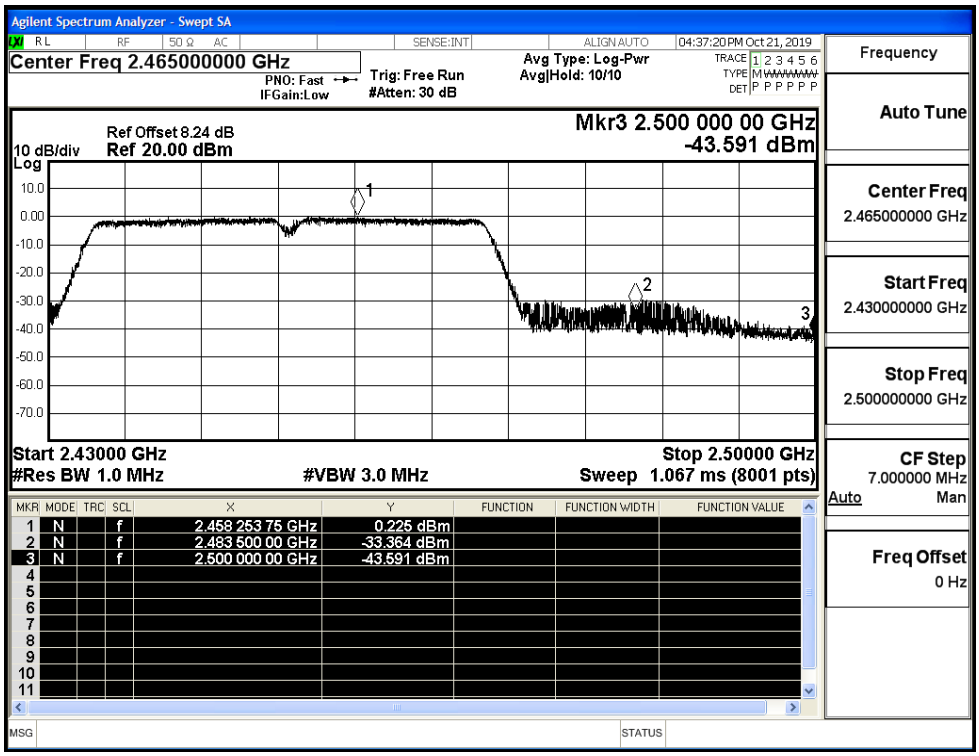


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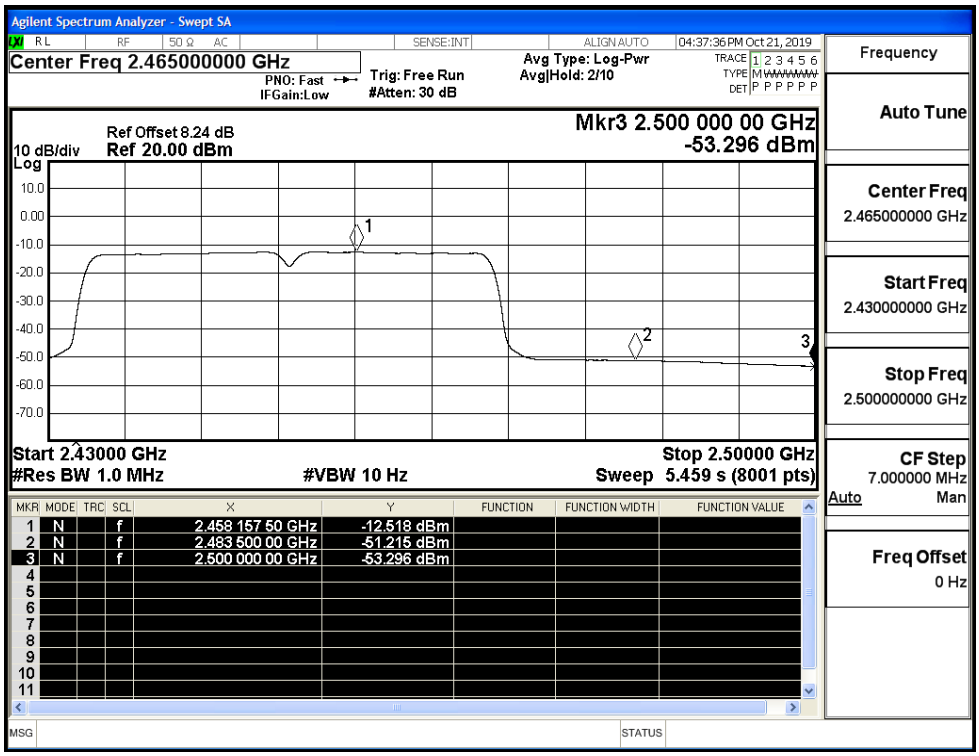

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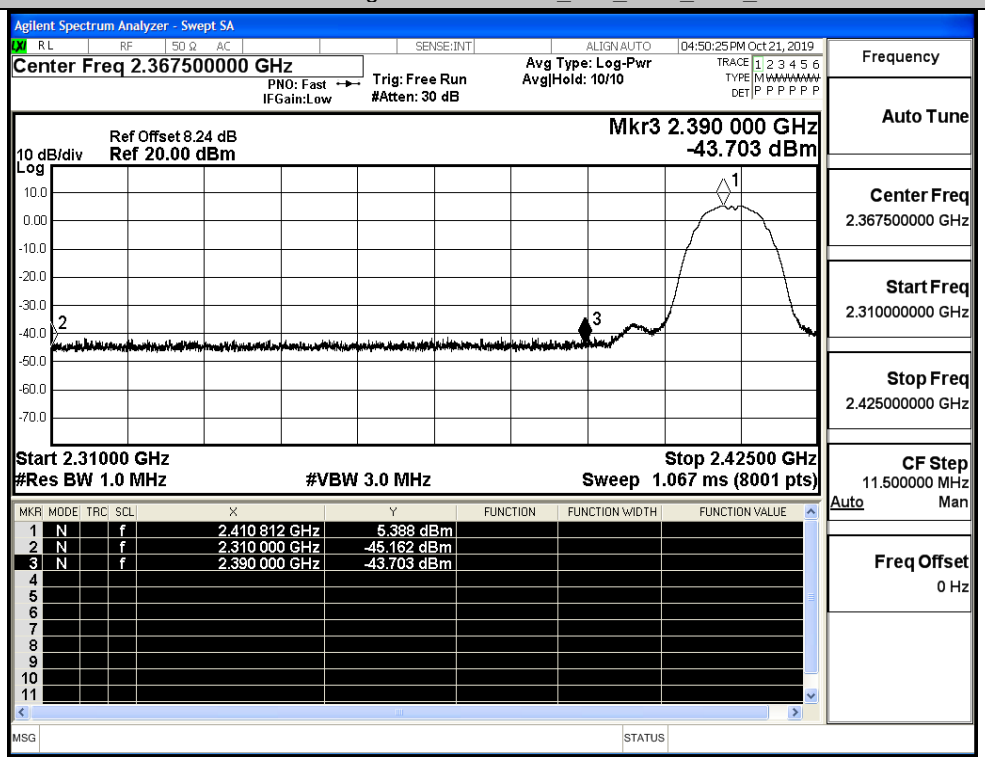


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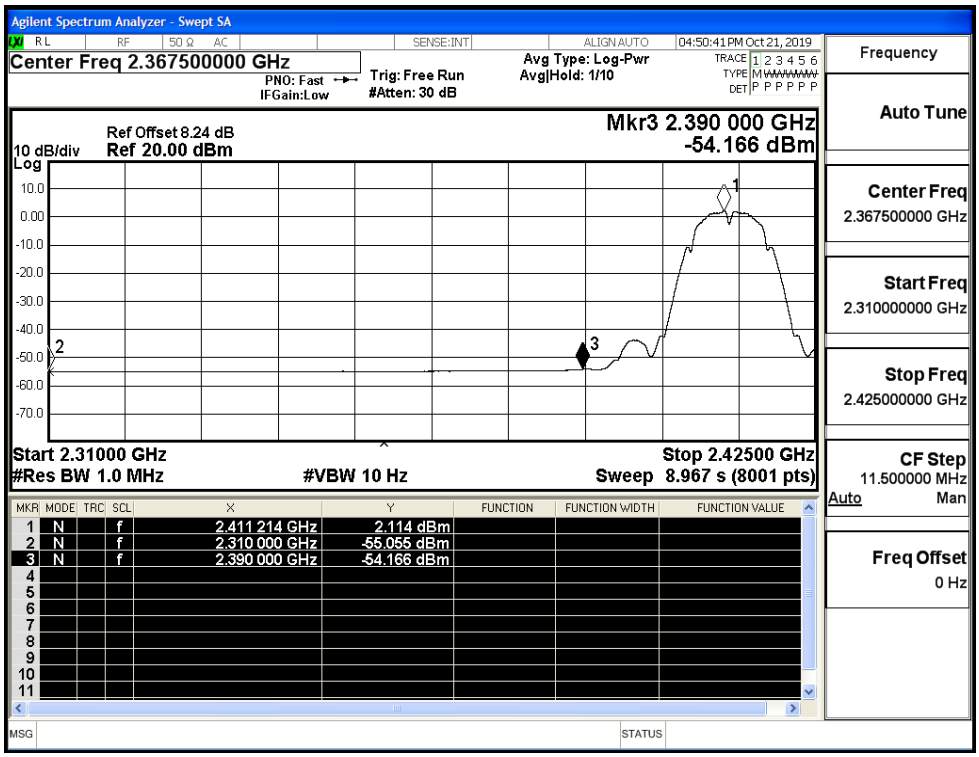

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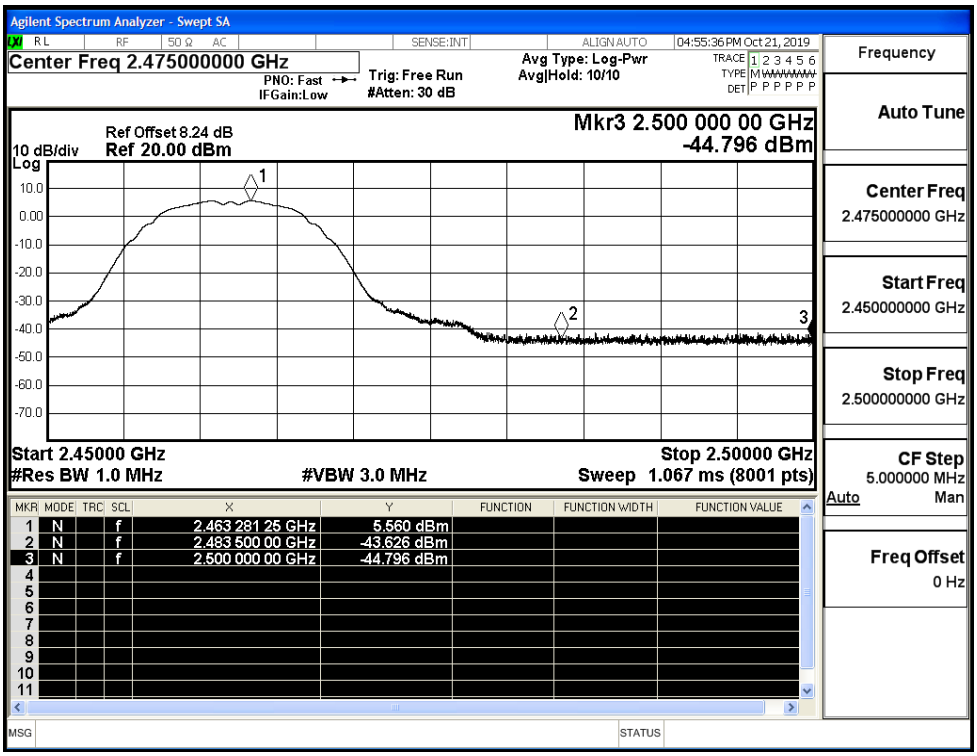


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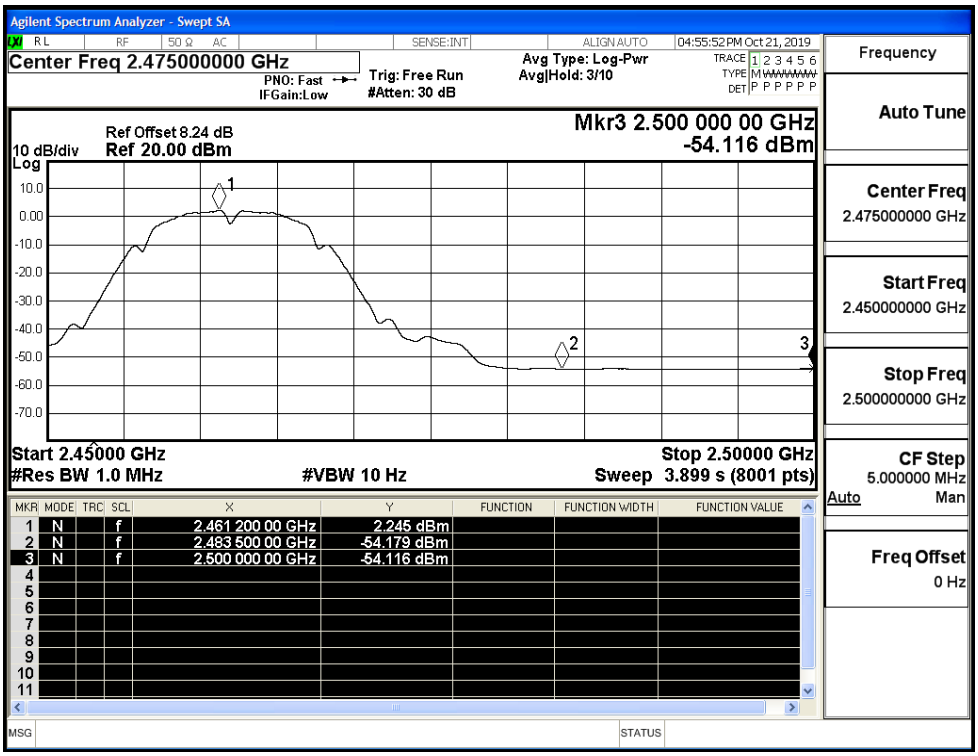

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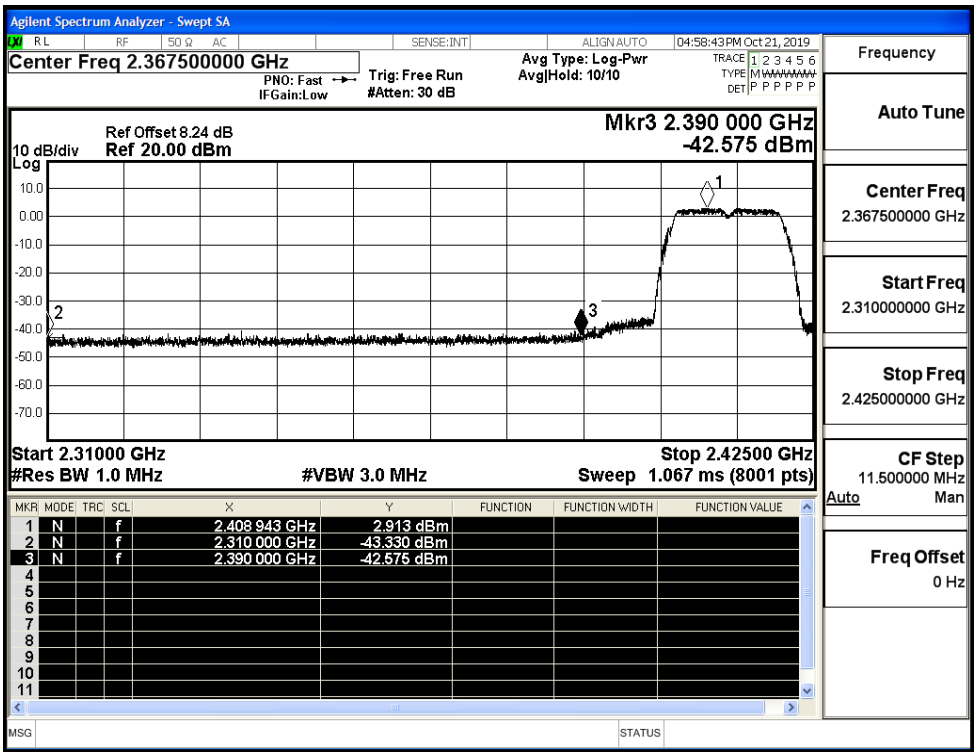


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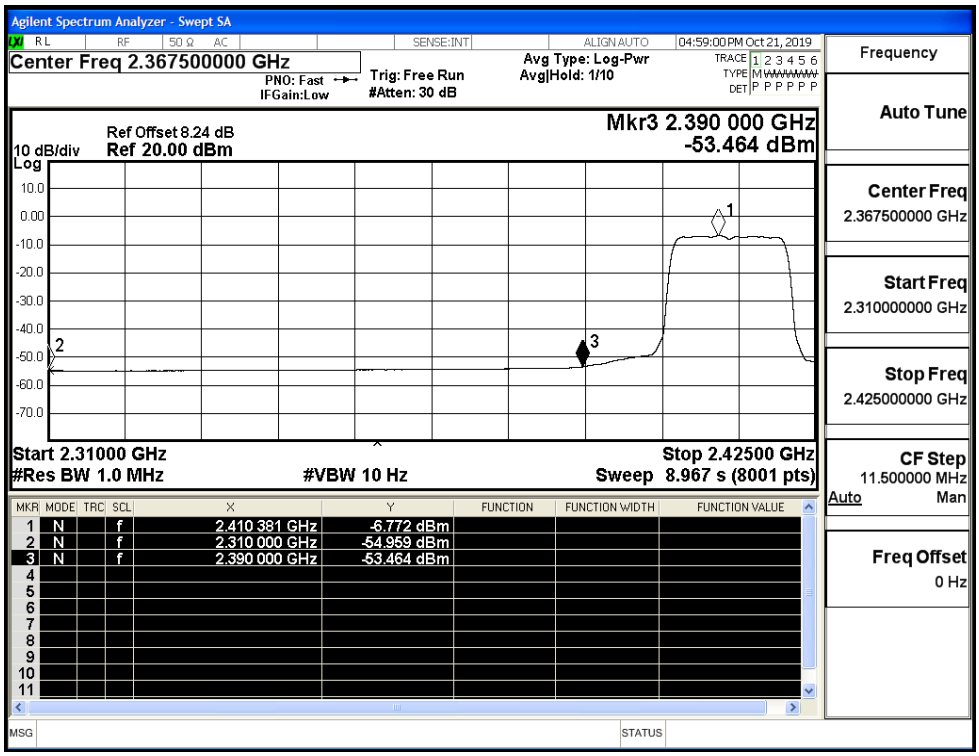

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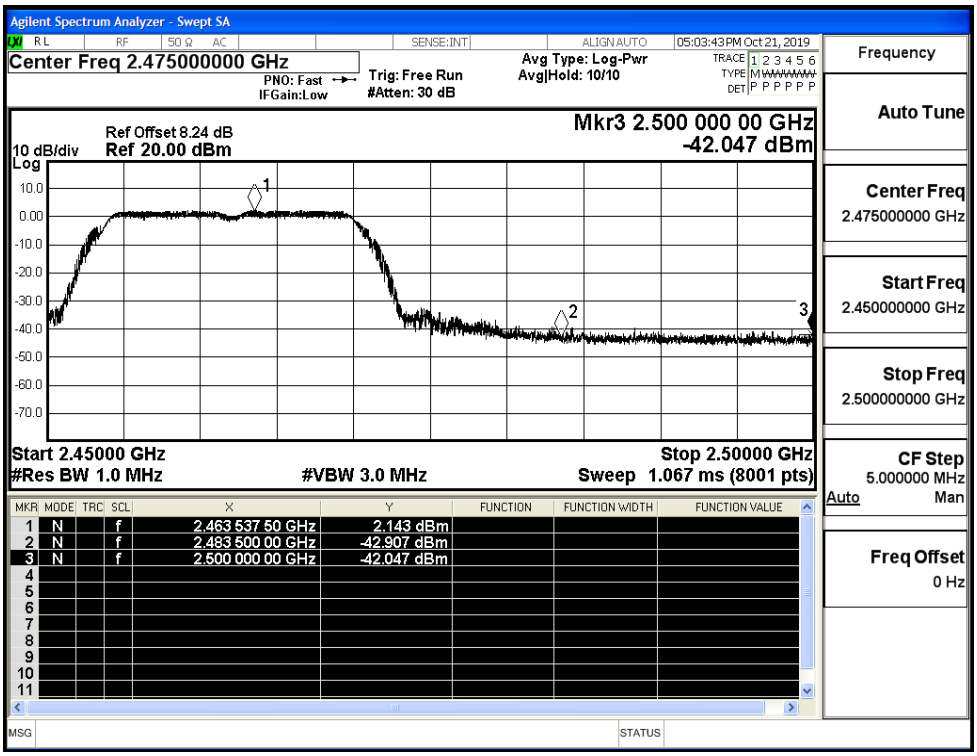


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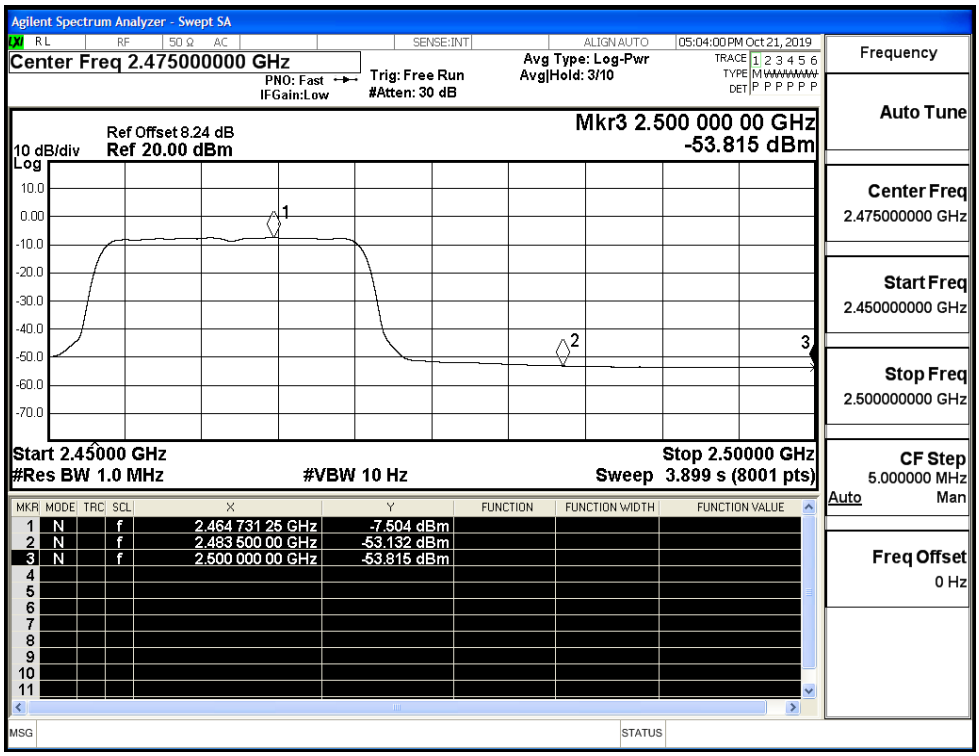

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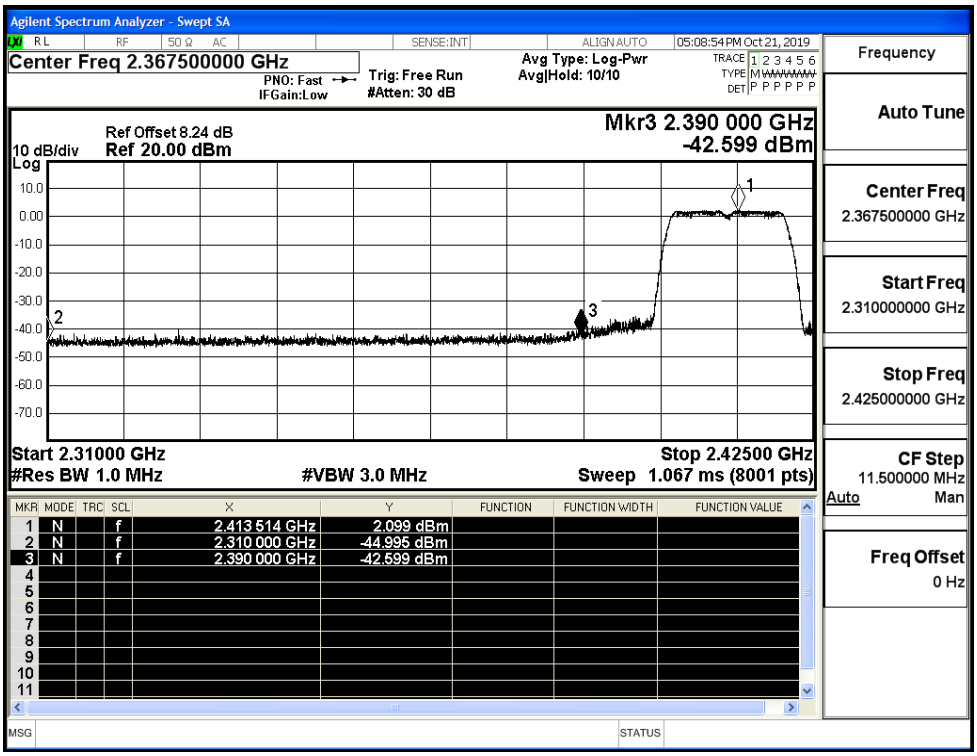


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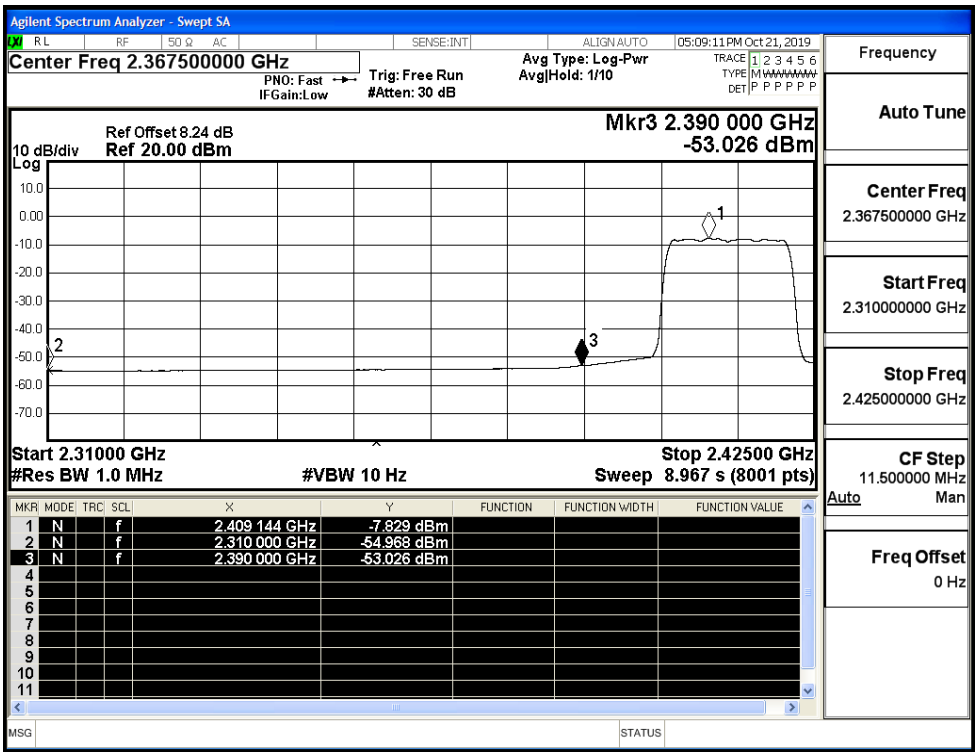

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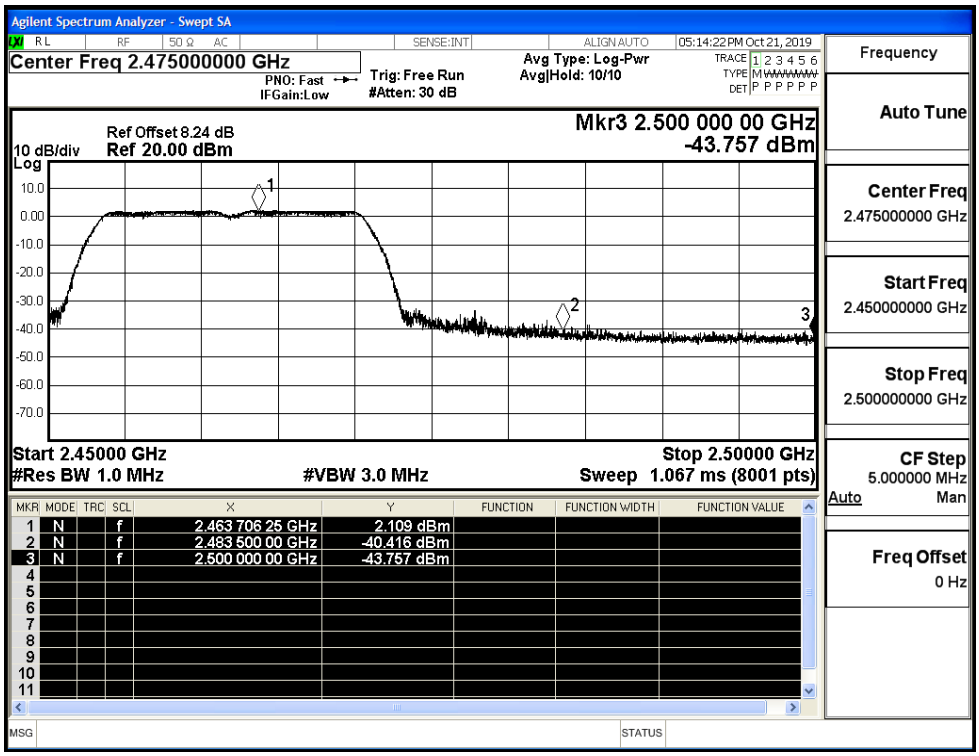
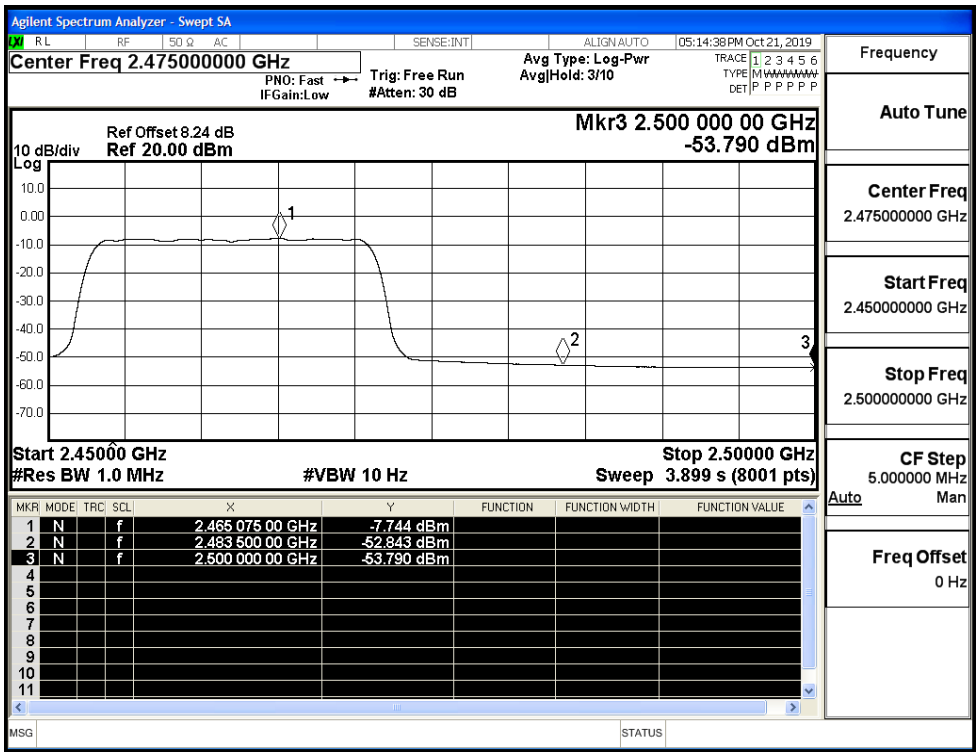



Restrict-band band-edge measurements_11N20SISO_2462_Ant2_AV



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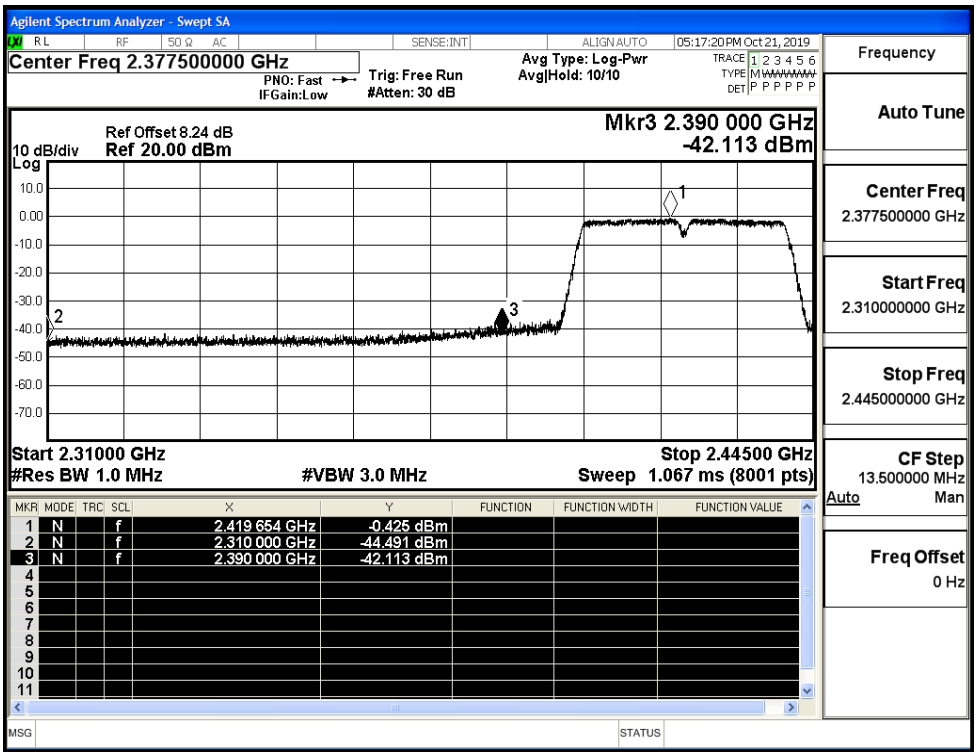


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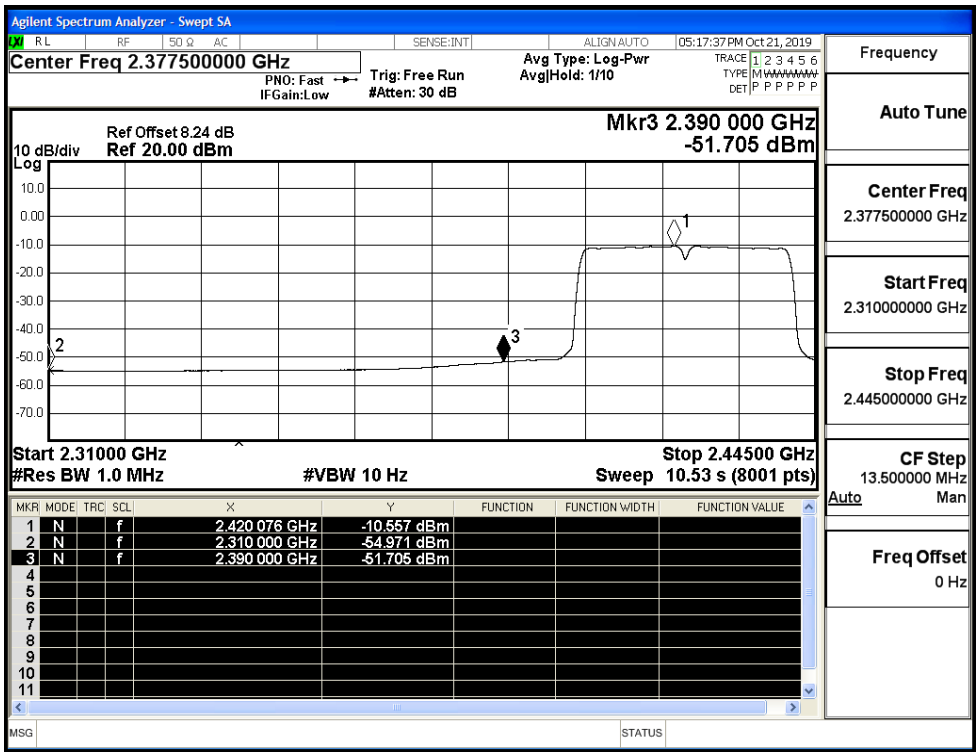

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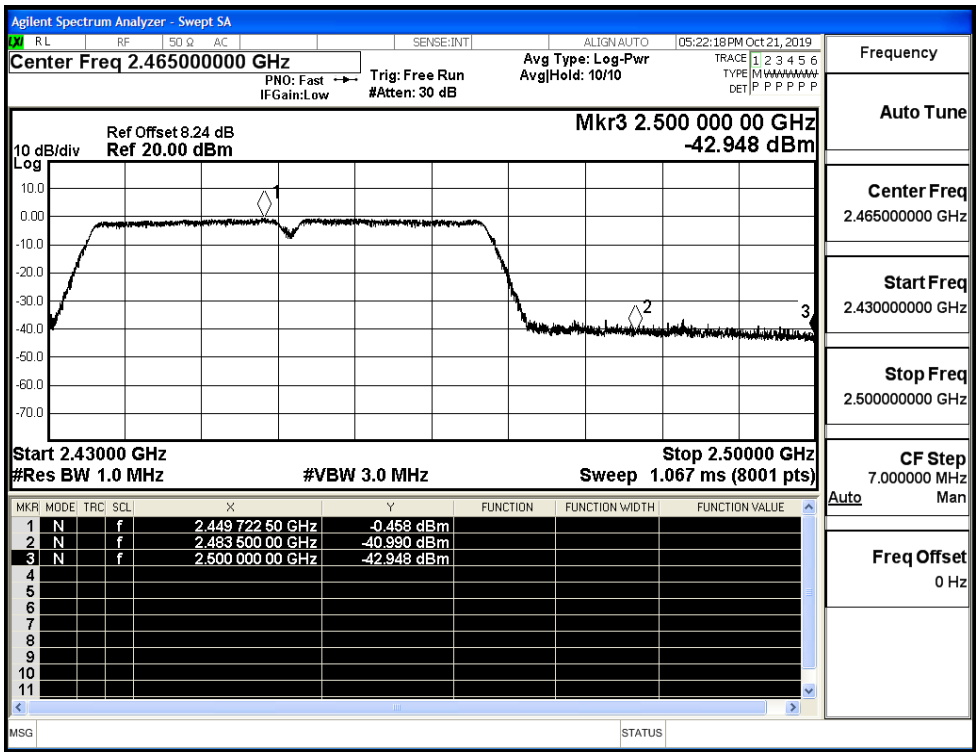

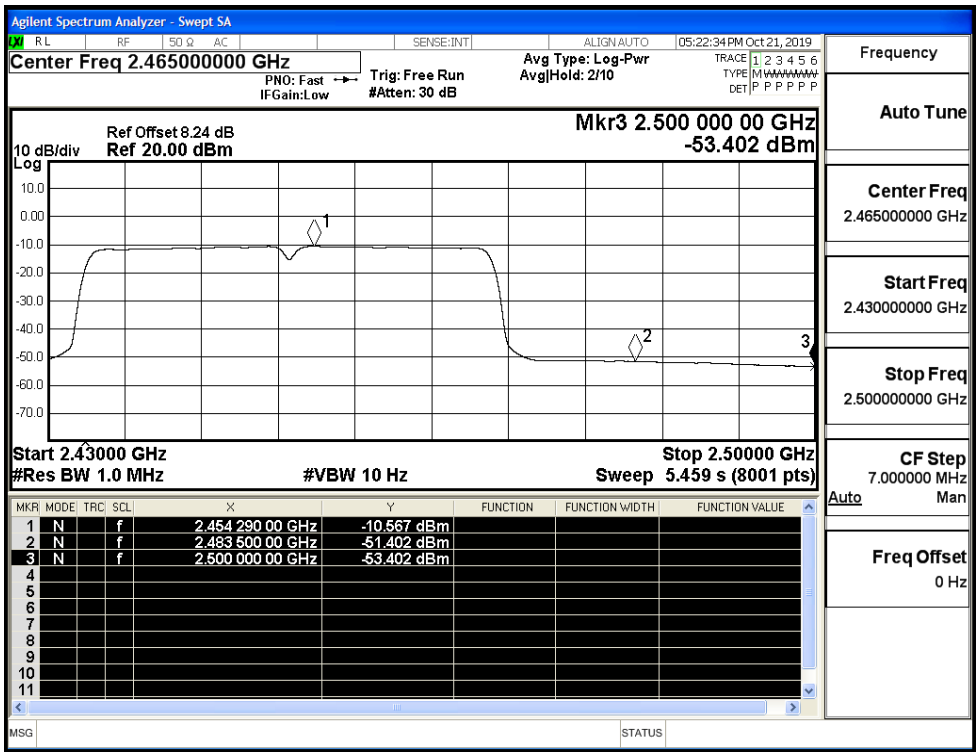
Restrict-band band-edge measurements_11N40SISO_2452_Ant2_AV