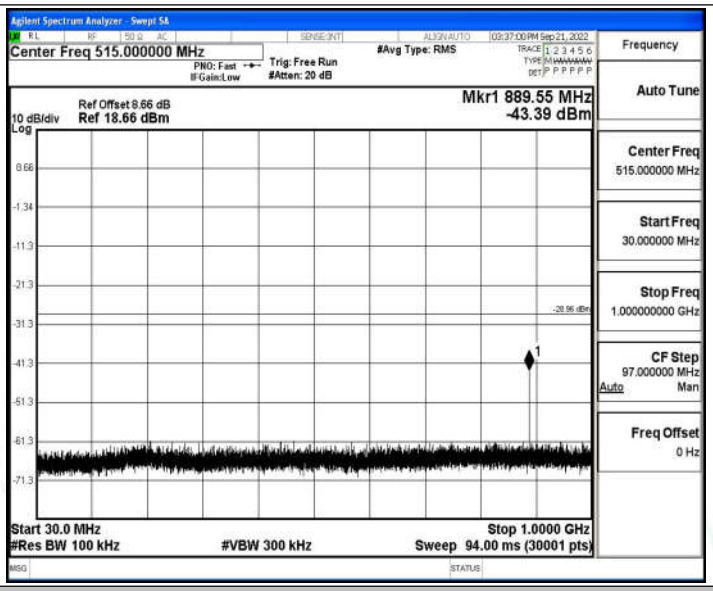
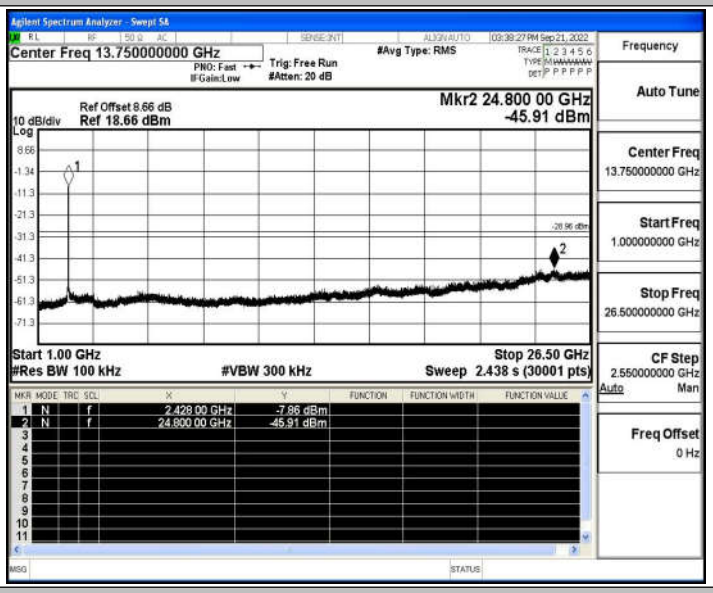
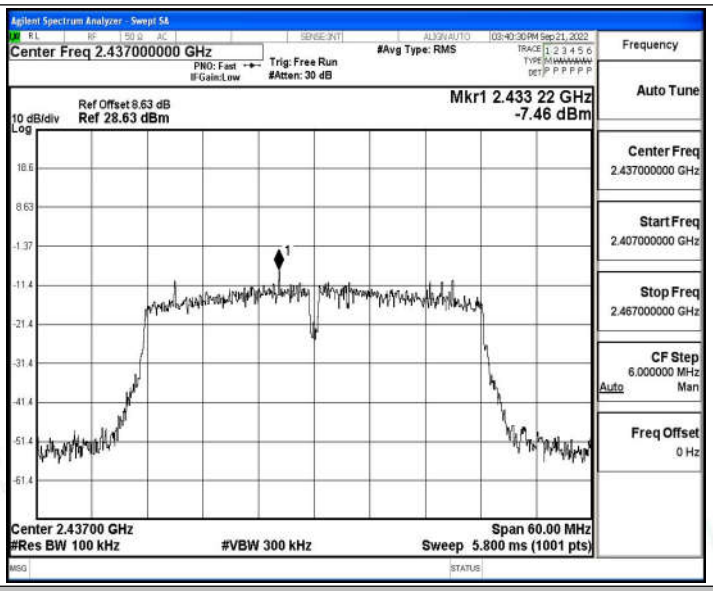


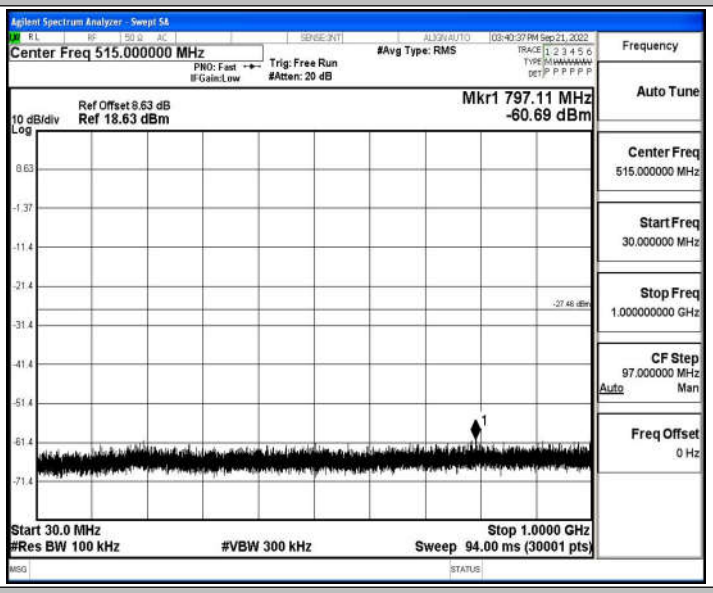

11N40SISO_Ant1_2422_1000~26500




11N40SISO_Ant1_2437_0~Reference




11N40SISO_Ant1_2437_30~1000

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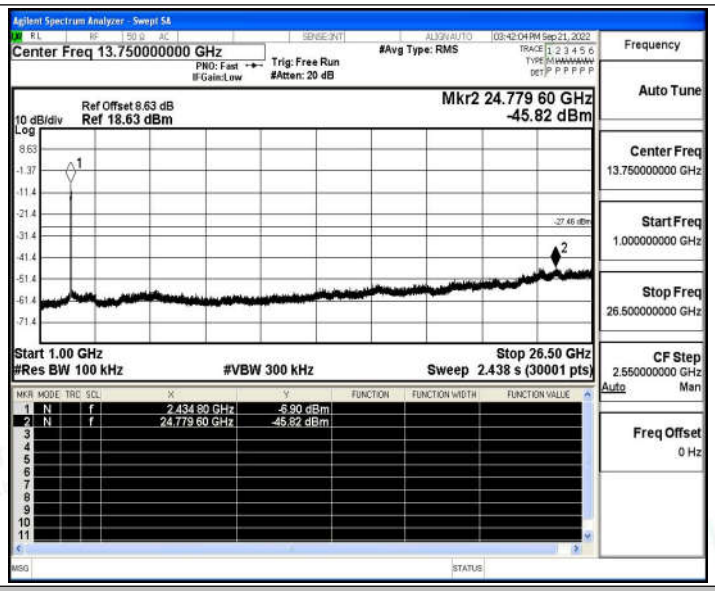


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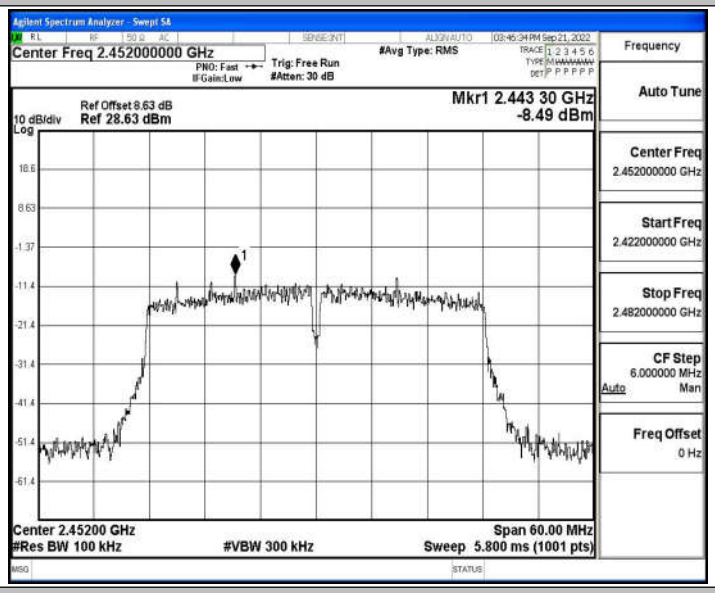


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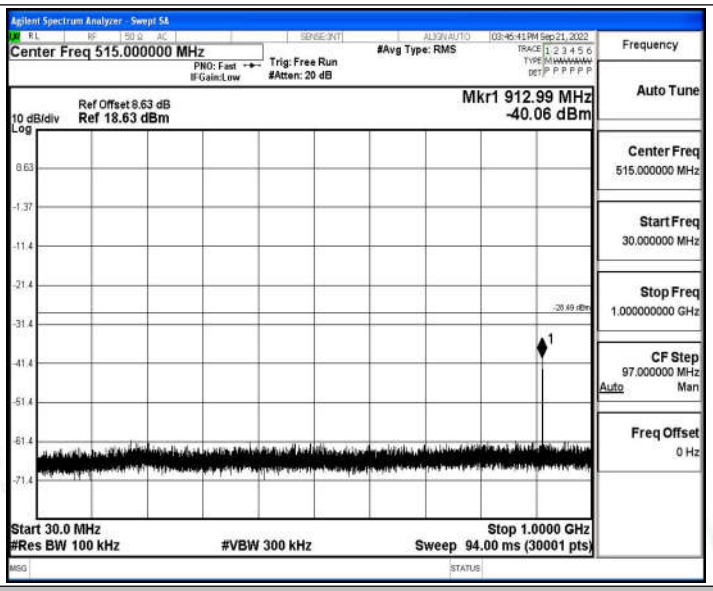


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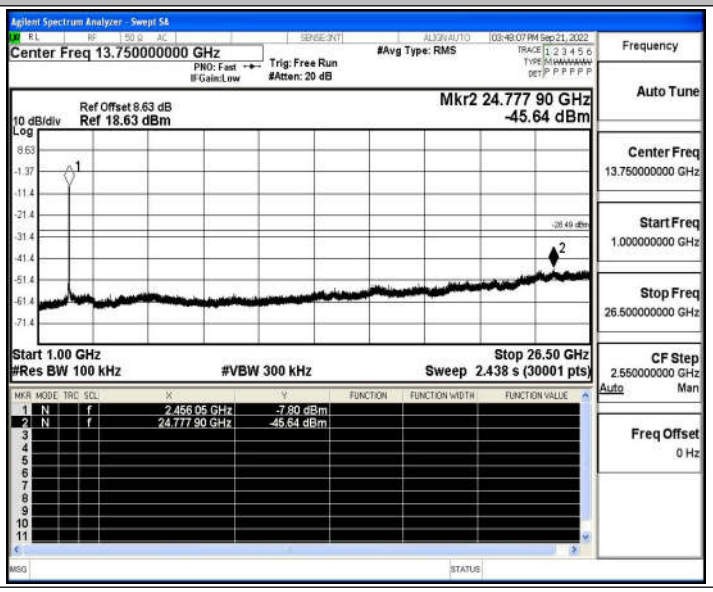
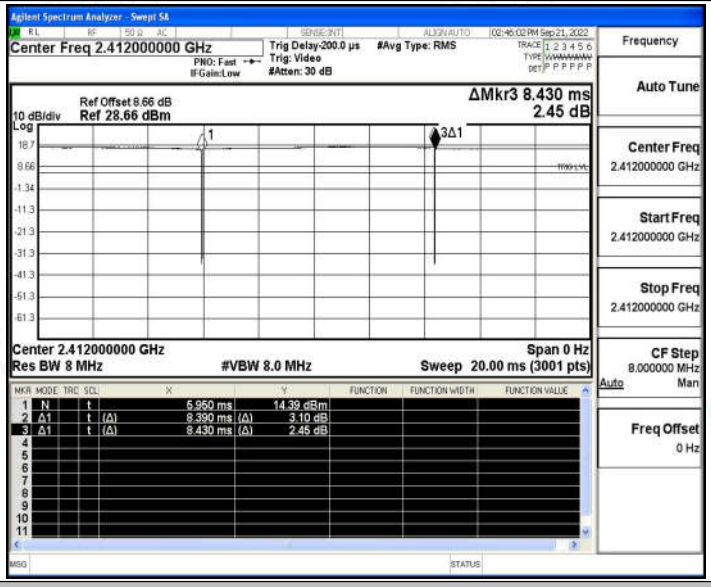
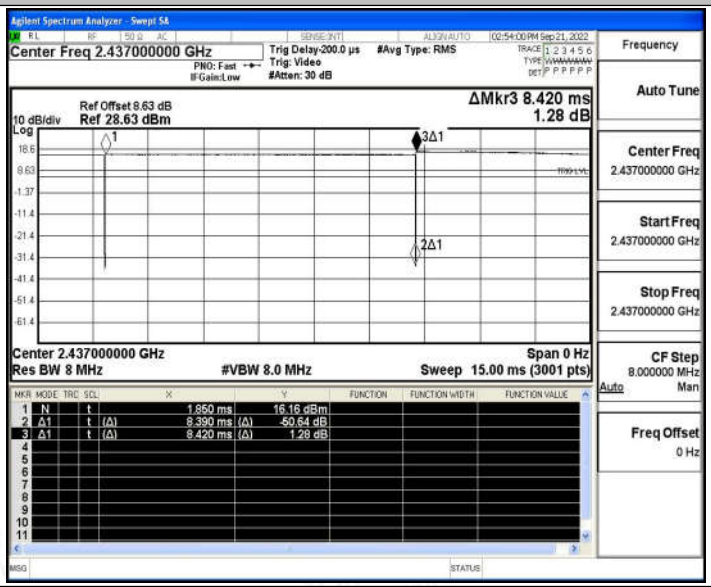


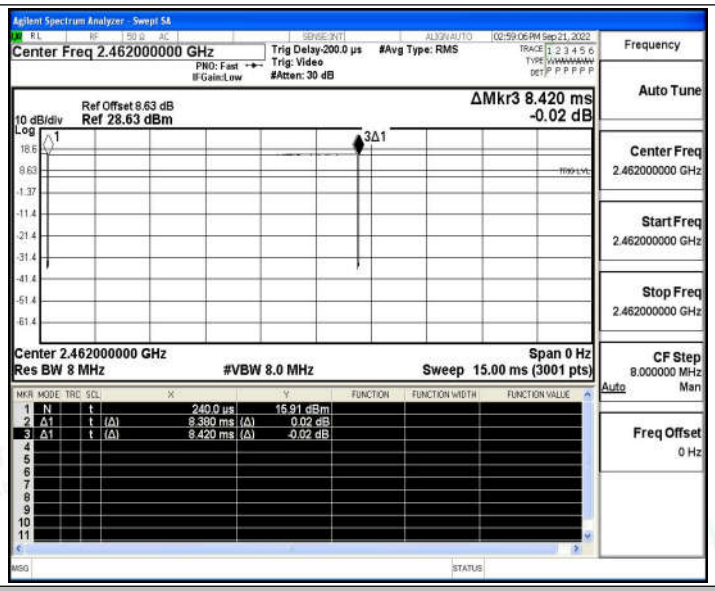
# A.6 Duty Cycle

## Test Result

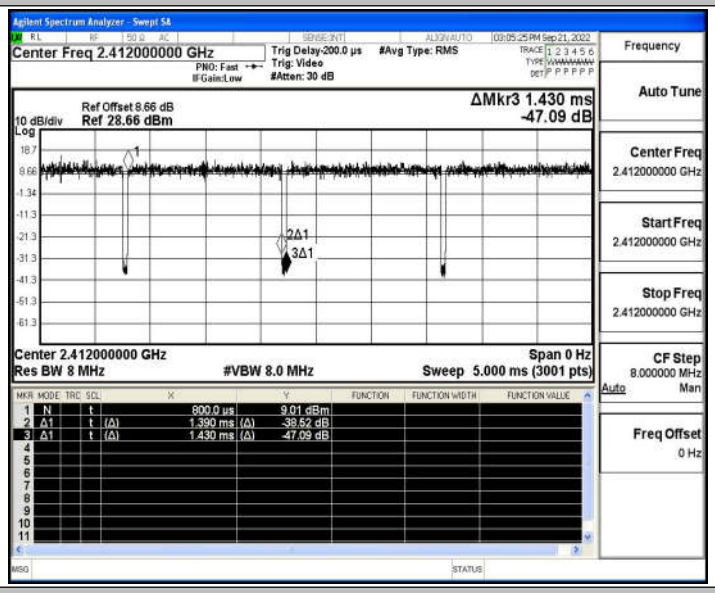
| TestMode | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Factor | Verdict |
|---|---|---|---|---|---|---|---|
| 11B | Ant1 | 2412 | 8.39 | 8.43 | 99.53 | 0.02 | --- |
| | | 2437 | 8.39 | 8.42 | 99.64 | 0.02 | --- |
| | | 2462 | 8.38 | 8.42 | 99.52 | 0.02 | --- |
| 11G | Ant1 | 2412 | 1.39 | 1.43 | 97.20 | 0.12 | --- |
| | | 2437 | 1.40 | 1.44 | 97.22 | 0.12 | --- |
| | | 2462 | 1.39 | 1.43 | 97.20 | 0.12 | --- |
| 11N20SISO | Ant1 | 2412 | 1.29 | 1.34 | 96.27 | 0.17 | --- |
| | | 2437 | 1.29 | 1.33 | 96.99 | 0.13 | --- |
| | | 2462 | 1.29 | 1.34 | 96.27 | 0.17 | --- |
| 11N40SISO | Ant1 | 2422 | 0.64 | 0.68 | 94.12 | 0.26 | --- |
| | | 2437 | 0.63 | 0.68 | 92.65 | 0.33 | --- |
| | | 2452 | 0.64 | 0.68 | 94.12 | 0.26 | --- |

## Test Graphs

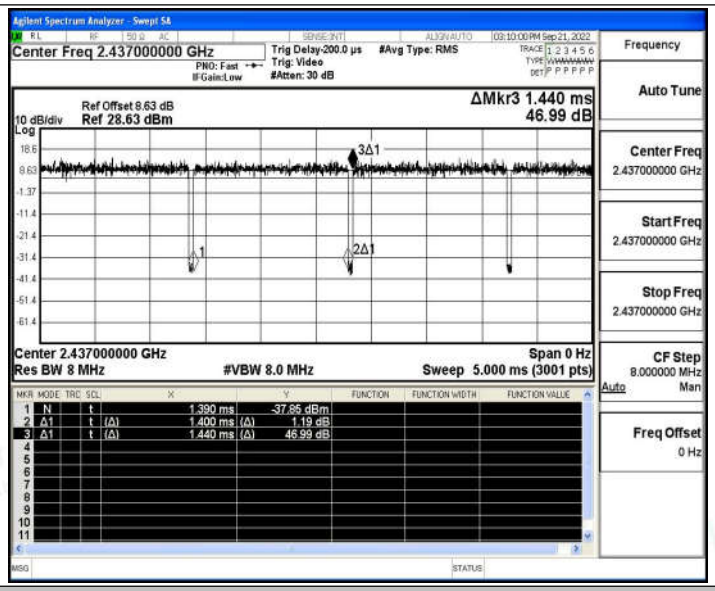
| 11B_Ant1_2412 |
|---|
|  |
| 11B_Ant1_2437 |
|  |
| 11B_Ant1_2462 |




11G_Ant1_2412




11G_Ant1_2437

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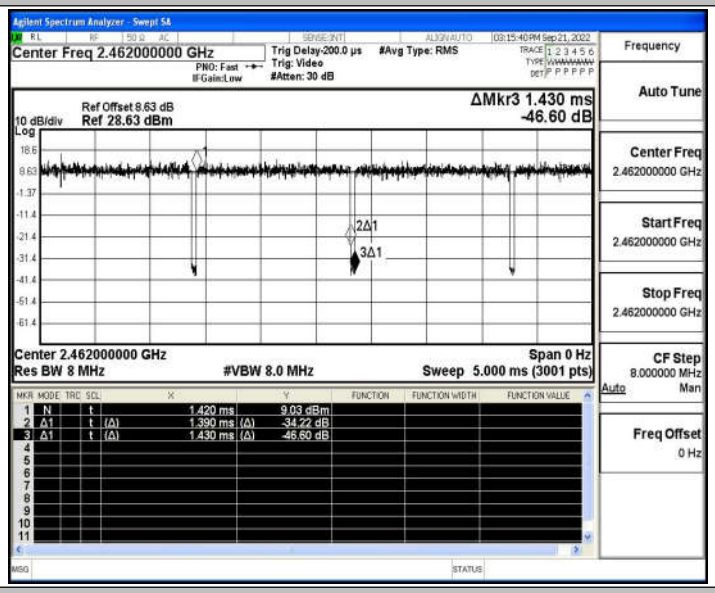
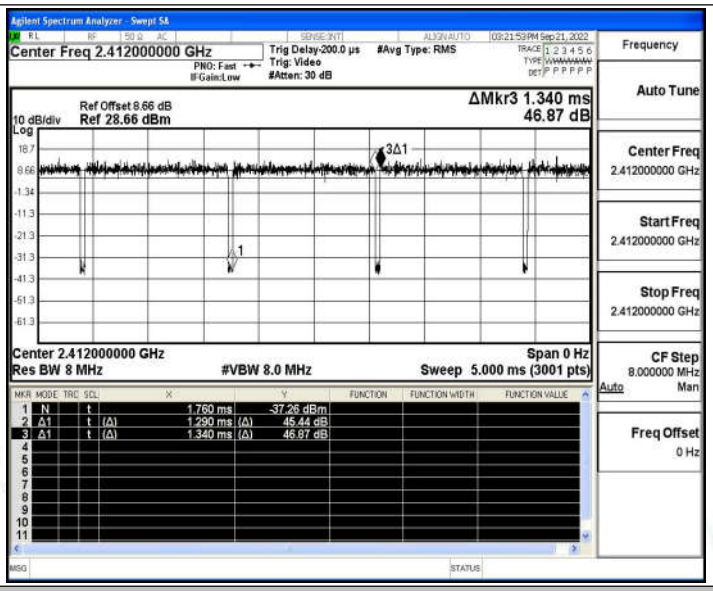



11N20SISO_Ant1_2412

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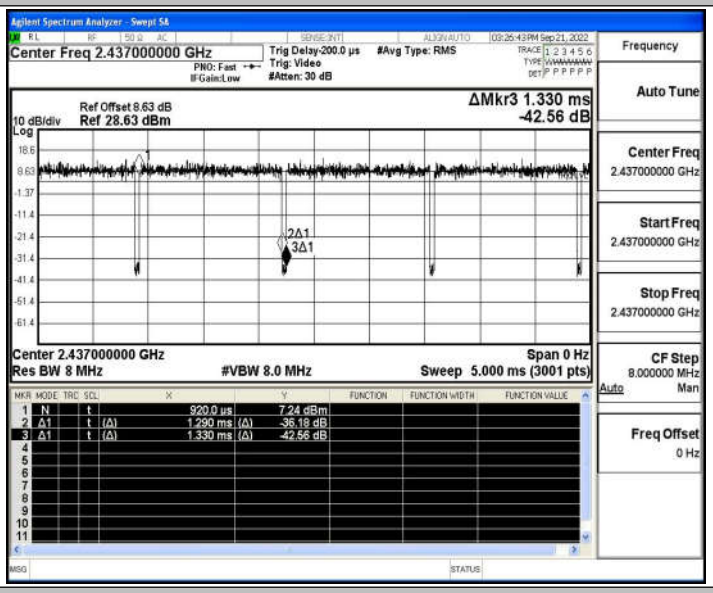


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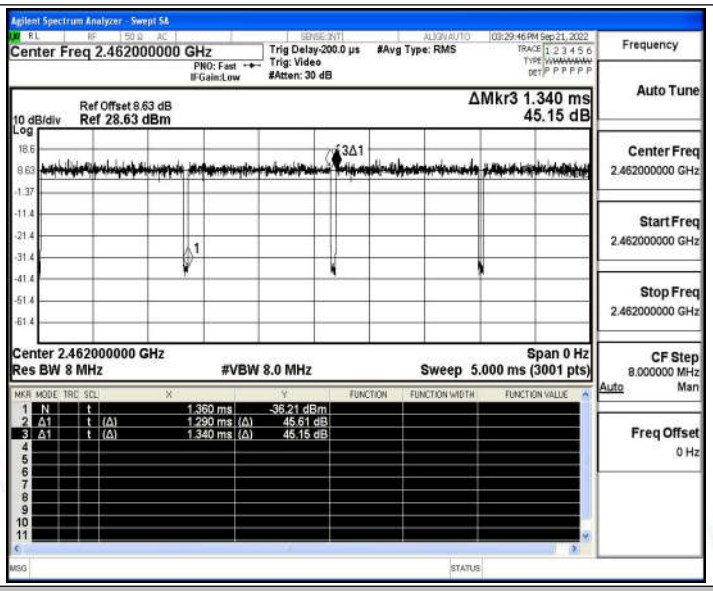
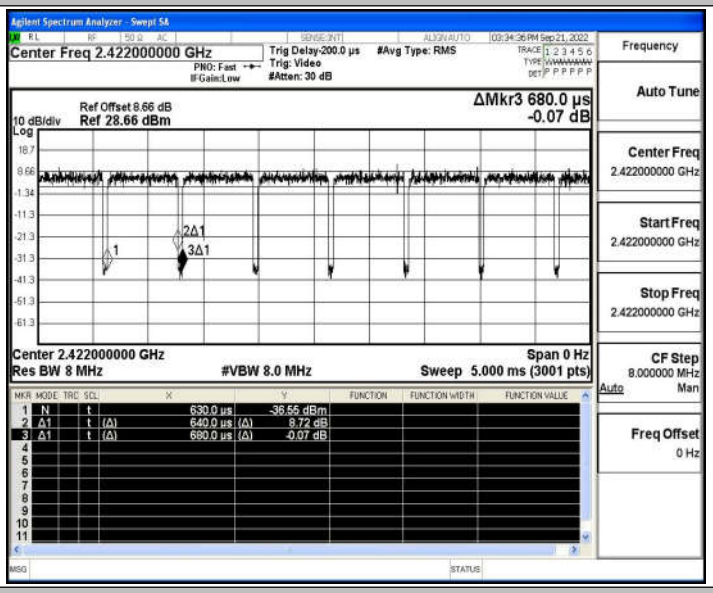
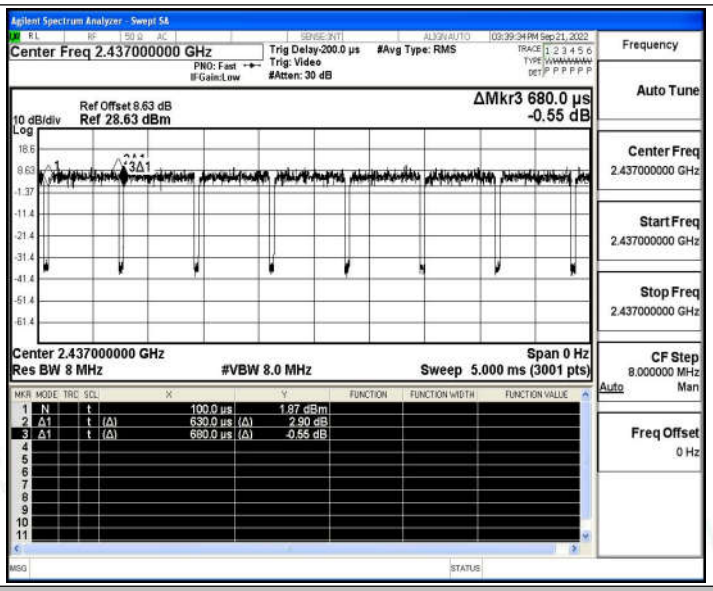


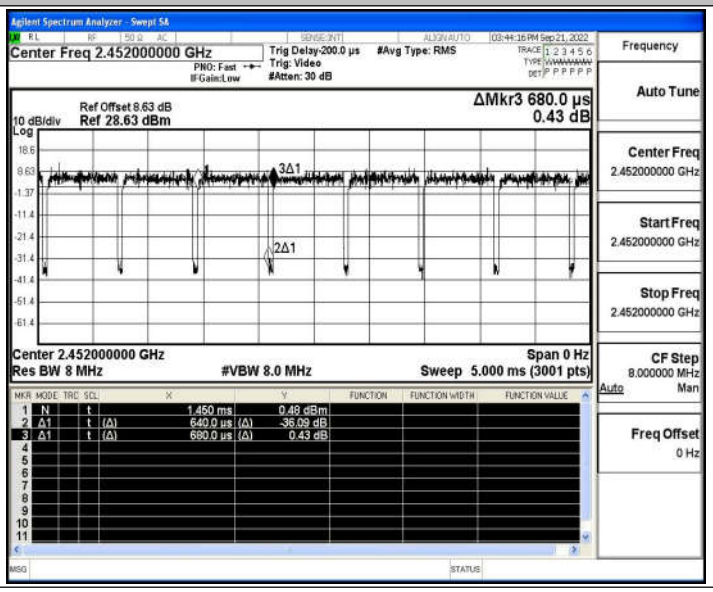

11N40SISO_Ant1_2422




11N40SISO_Ant1_2437




11N40SISO_Ant1_2452



# A.7 Emissions in Restricted Bands

## Test Result

| TestMode | Antenna | ChName | Freq(MHz) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 11B | Ant1 | Low | 2412 | AV | 2310.000 | -57.64 | ≤-41.20 | 37.56 | ≤54 | PASS |
| | | | | AV | 2386.060 | -54 | ≤-41.20 | 41.20 | ≤54 | PASS |
| | | | | AV | 2390.000 | -55.62 | ≤-41.20 | 39.58 | ≤54 | PASS |
| | | | | Peak | 2310.000 | -47.21 | ≤-21.20 | 47.99 | ≤74 | PASS |
| | | | | Peak | 2385.800 | -42.83 | ≤-21.20 | 52.37 | ≤74 | PASS |
| | | | | Peak | 2390.000 | -44.94 | ≤-21.20 | 50.26 | ≤74 | PASS |
| | | High | 2462 | AV | 2483.500 | -54.65 | ≤-41.20 | 40.55 | ≤54 | PASS |
| | | | | AV | 2486.640 | -54.02 | ≤-41.20 | 41.18 | ≤54 | PASS |
| | | | | AV | 2500.000 | -54.77 | ≤-41.20 | 40.43 | ≤54 | PASS |
| | | | | Peak | 2483.500 | -43.38 | ≤-21.20 | 51.82 | ≤74 | PASS |
| | | | | Peak | 2498.630 | -42.1 | ≤-21.20 | 53.10 | ≤74 | PASS |
| | | | | Peak | 2500.000 | -44.28 | ≤-21.20 | 50.92 | ≤74 | PASS |
| 11G | Ant1 | Low | 2412 | AV | 2310.000 | -57.5 | ≤-41.20 | 37.70 | ≤54 | PASS |
| | | | | AV | 2389.700 | -54.59 | ≤-41.20 | 40.61 | ≤54 | PASS |
| | | | | AV | 2390.000 | -54.61 | ≤-41.20 | 40.59 | ≤54 | PASS |
| | | | | Peak | 2310.000 | -47.4 | ≤-21.20 | 47.80 | ≤74 | PASS |
| | | | | Peak | 2389.830 | -43.13 | ≤-21.20 | 52.07 | ≤74 | PASS |
| | | | | Peak | 2390.000 | -43.59 | ≤-21.20 | 51.61 | ≤74 | PASS |
| | | High | 2462 | AV | 2483.500 | -53.99 | ≤-41.20 | 41.21 | ≤54 | PASS |
| | | | | AV | 2483.670 | -53.73 | ≤-41.20 | 41.47 | ≤54 | PASS |
| | | | | AV | 2500.000 | -54.52 | ≤-41.20 | 40.68 | ≤54 | PASS |
| | | | | Peak | 2483.500 | -43.18 | ≤-21.20 | 52.02 | ≤74 | PASS |
| | | | | Peak | 2483.560 | -42.5 | ≤-21.20 | 52.70 | ≤74 | PASS |
| | | | | Peak | 2500.000 | -44.66 | ≤-21.20 | 50.54 | ≤74 | PASS |
| 11N20SISO | Ant1 | Low | 2412 | AV | 2310.000 | -57.37 | ≤-41.20 | 37.83 | ≤54 | PASS |
| | | | | AV | 2389.960 | -54.32 | ≤-41.20 | 40.88 | ≤54 | PASS |
| | | | | AV | 2390.000 | -54.32 | ≤-41.20 | 40.88 | ≤54 | PASS |
| | | | | Peak | 2310.000 | -47.32 | ≤-21.20 | 47.88 | ≤74 | PASS |
| | | | | Peak | 2389.570 | -41.67 | ≤-21.20 | 53.53 | ≤74 | PASS |
| | | | | Peak | 2390.000 | -43.62 | ≤-21.20 | 51.58 | ≤74 | PASS |
| | | High | 2462 | AV | 2483.500 | -53.48 | ≤-41.20 | 41.72 | ≤54 | PASS |
| | | | | AV | 2483.560 | -53.6 | ≤-41.20 | 41.60 | ≤54 | PASS |
| | | | | AV | 2500.000 | -54.66 | ≤-41.20 | 40.54 | ≤54 | PASS |
| | | | | Peak | 2483.500 | -40.4 | ≤-21.20 | 54.80 | ≤74 | PASS |
| | | | | Peak | 2483.670 | -41.76 | ≤-21.20 | 53.44 | ≤74 | PASS |
| | | | | Peak | 2500.000 | -44.22 | ≤-21.20 | 50.98 | ≤74 | PASS |
| 11N4 | Ant1 | Low | 2422 | AV | 2310.000 | -56.96 | ≤-41.20 | 38.24 | ≤54 | PASS |

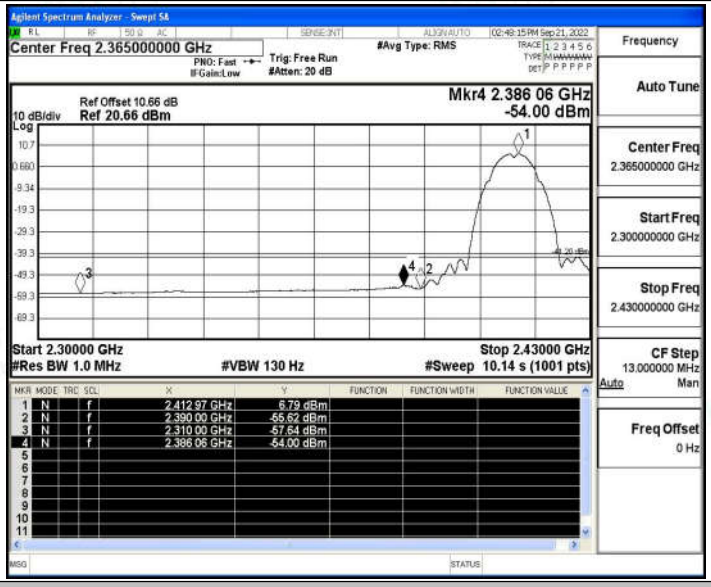
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0SISO | | | | AV | 2389.570 | -52.65 | ≤-41.20 | 42.55 | ≤54 | PASS |
| | | | | AV | 2390.000 | -52.71 | ≤-41.20 | 42.49 | ≤54 | PASS |
| | | | | Peak | 2310.000 | -47.63 | ≤-21.20 | 47.57 | ≤74 | PASS |
| | | | | Peak | 2389.960 | -35.62 | ≤-21.20 | 59.58 | ≤74 | PASS |
| | | | | Peak | 2390.000 | -35.62 | ≤-21.20 | 59.58 | ≤74 | PASS |
| | | High | 2452 | AV | 2483.500 | -53.55 | ≤-41.20 | 41.65 | ≤54 | PASS |
| | | | | AV | 2484.220 | -52.7 | ≤-41.20 | 42.50 | ≤54 | PASS |
| | | | | AV | 2500.000 | -55.05 | ≤-41.20 | 40.15 | ≤54 | PASS |
| | | | | Peak | 2483.500 | -38.69 | ≤-21.20 | 56.51 | ≤74 | PASS |
| | | | | Peak | 2484.110 | -37.58 | ≤-21.20 | 57.62 | ≤74 | PASS |
| | | | | Peak | 2500.000 | -45.55 | ≤-21.20 | 49.65 | ≤74 | PASS |

Note：

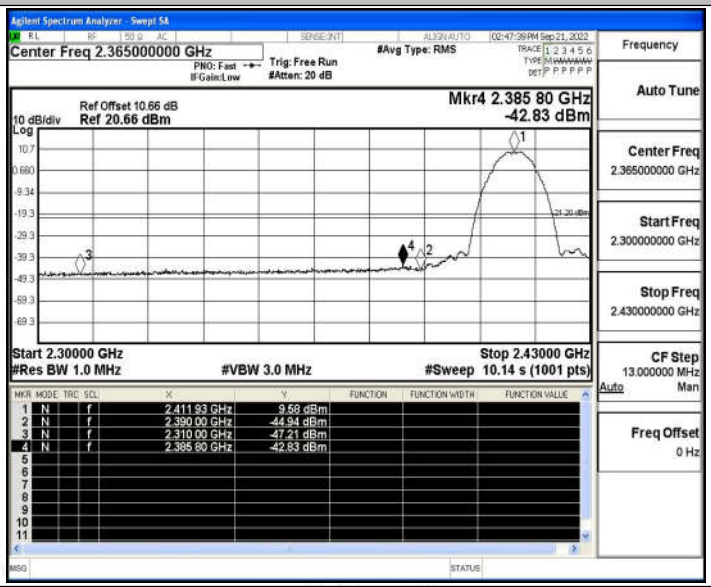
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

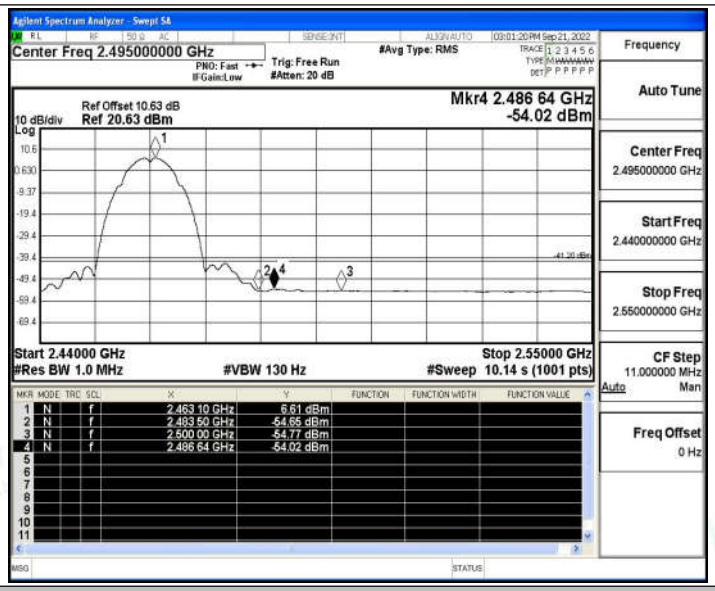
11B_Ant1_Low_2412_AV



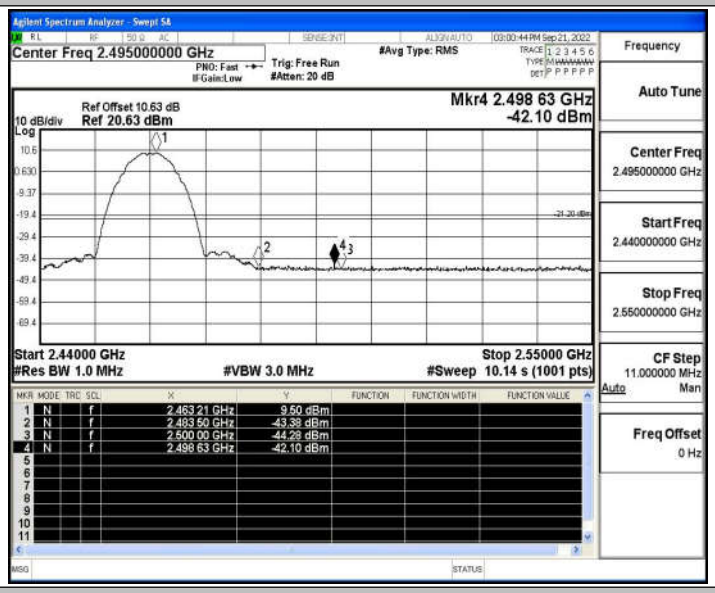

11B_Ant1_Low_2412_Peak



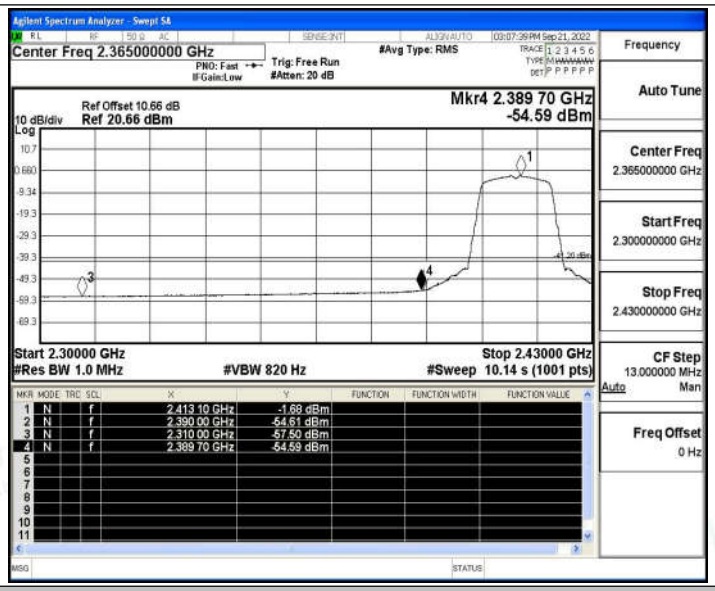

11B_Ant1_High_2462_AV



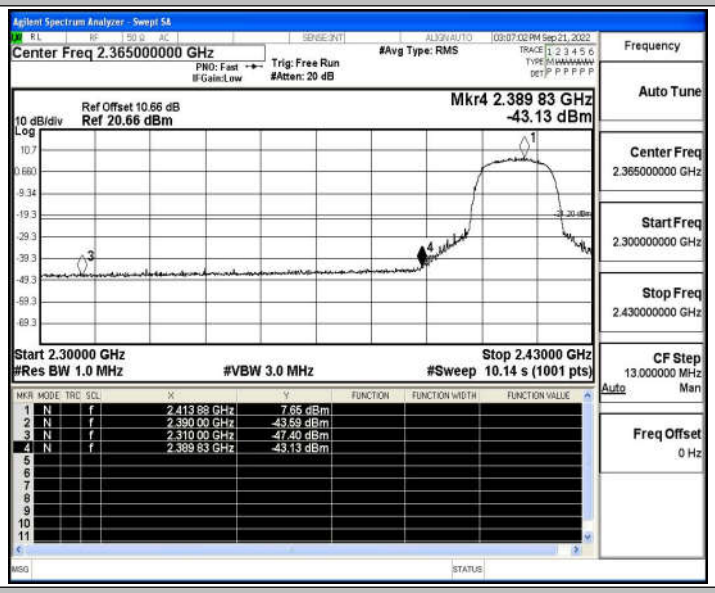

11B_Ant1_High_2462_Peak



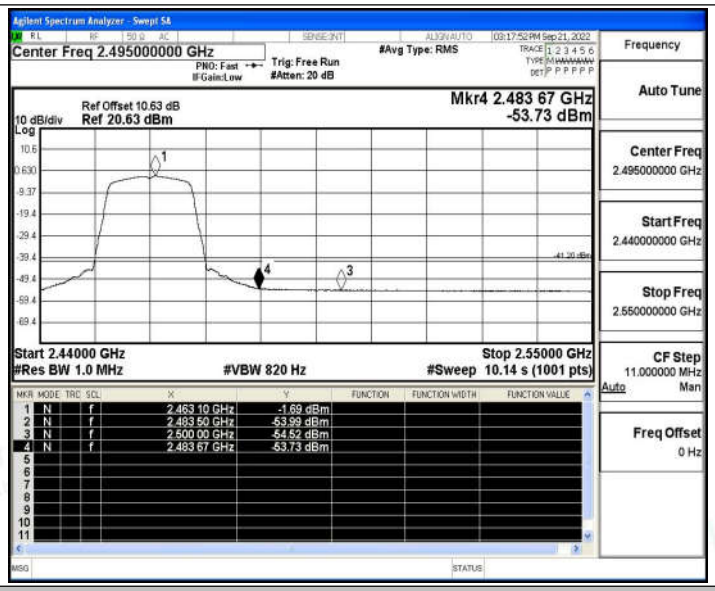

11G_Ant1_Low_2412_AV




11G_Ant1_Low_2412_Peak




11G_Ant1_High_2462_AV

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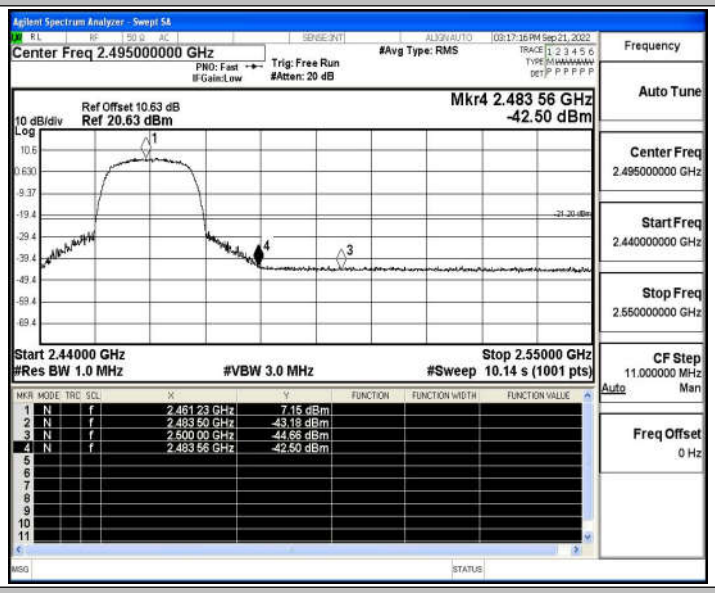
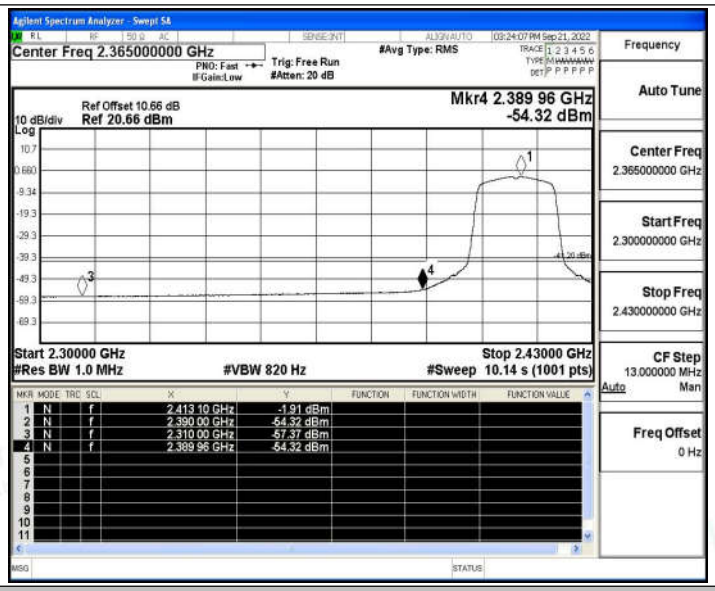



11N20SISO_Ant1_Low_2412_AV

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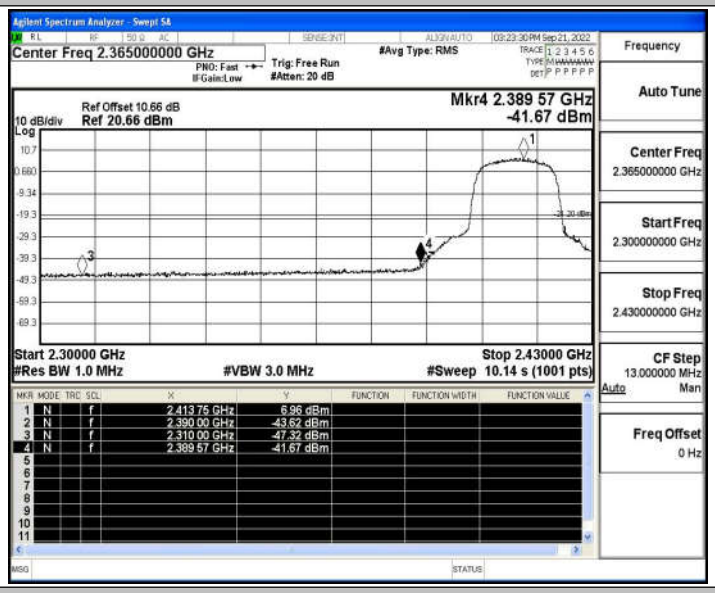


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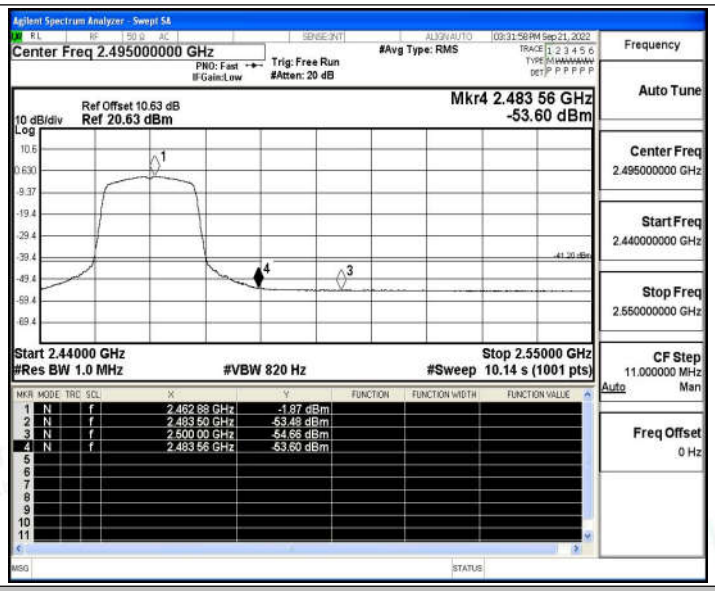


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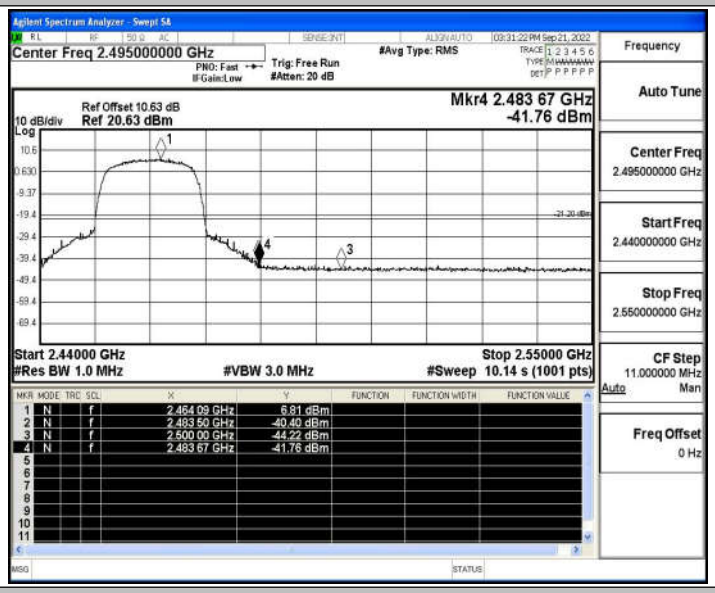


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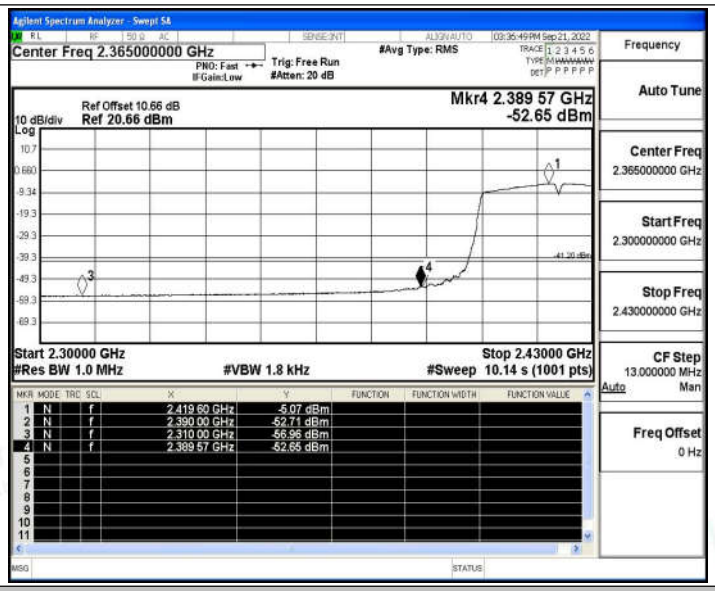


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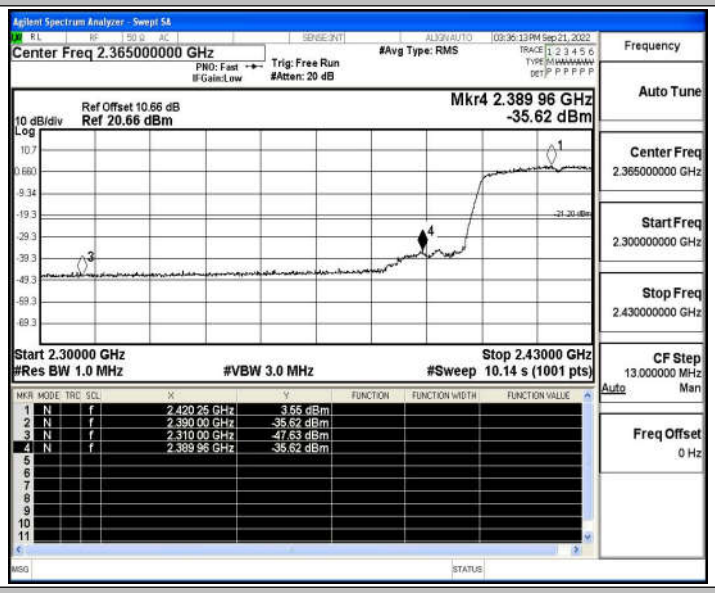


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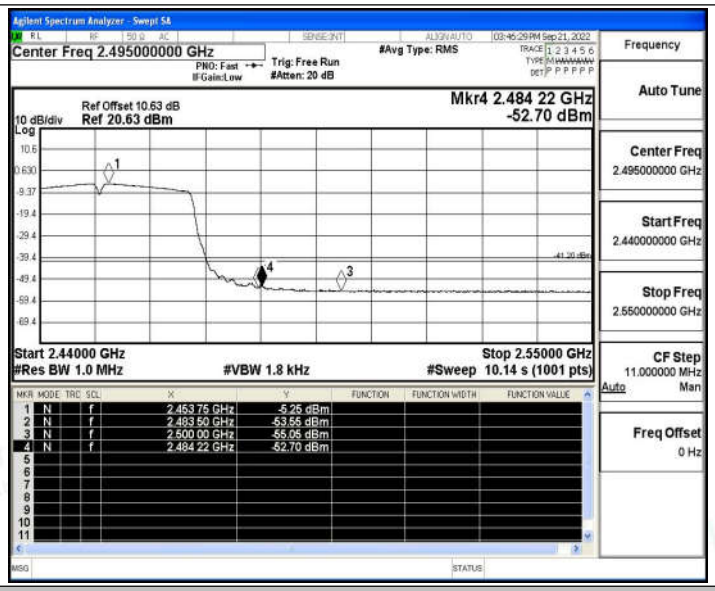

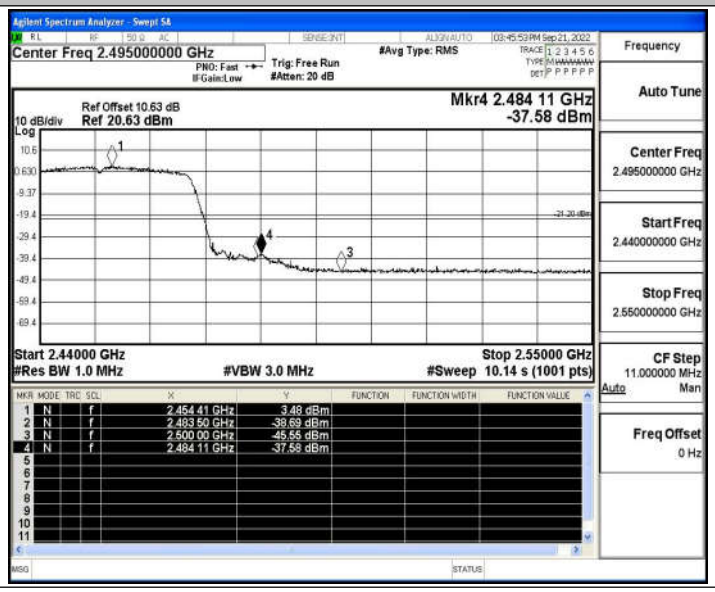
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