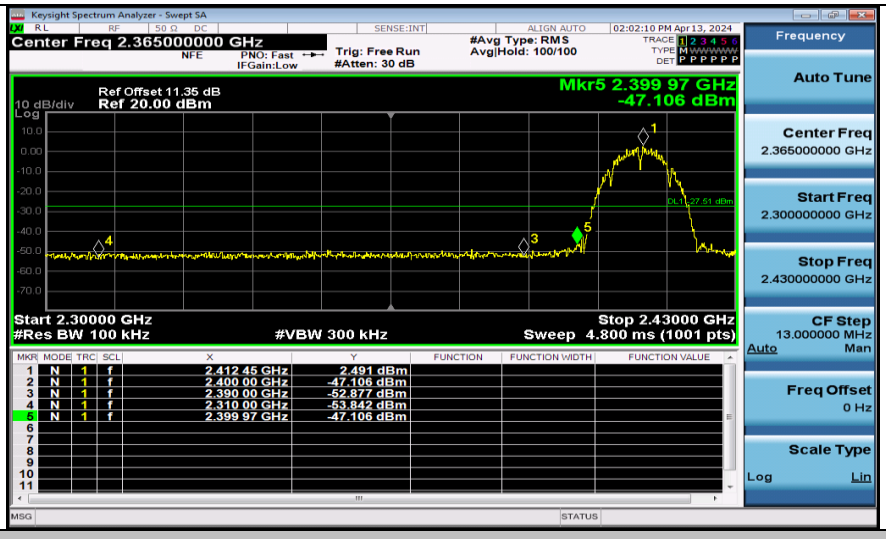
## Band edge measurements

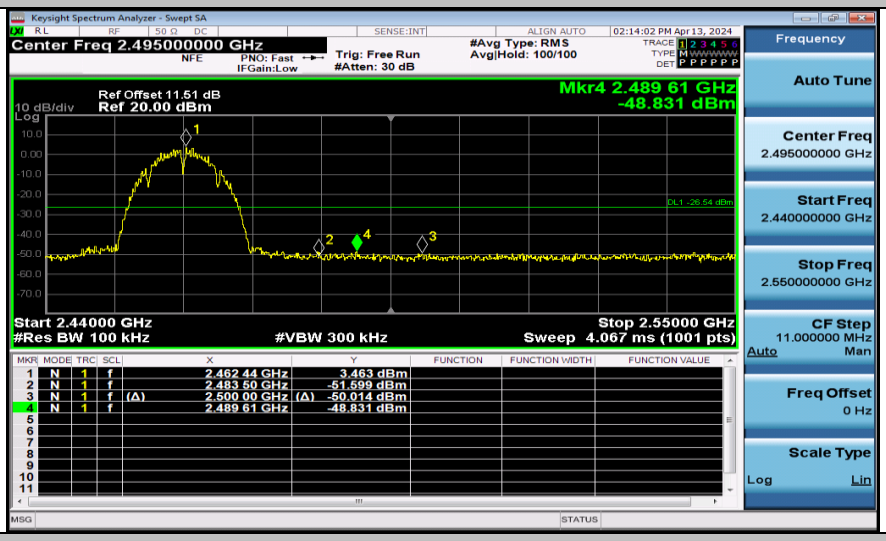
| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| 11B | Ant1 | Low | 2412 | 2.49 | -47.11 | ≤-27.51 | PASS |
| 11B | Ant1 | High | 2462 | 3.46 | -48.83 | ≤-26.54 | PASS |
| 11G | Ant1 | Low | 2412 | -0.90 | -41.84 | ≤-30.9 | PASS |
| 11G | Ant1 | High | 2462 | -0.12 | -48.91 | ≤-30.12 | PASS |
| 11N20SISO | Ant1 | Low | 2412 | -0.80 | -39.1 | ≤-30.8 | PASS |
| 11N20SISO | Ant1 | High | 2462 | -0.10 | -48.51 | ≤-30.1 | PASS |
| 11N40SISO | Ant1 | Low | 2422 | -4.32 | -41.04 | ≤-34.32 | PASS |
| 11N40SISO | Ant1 | High | 2452 | -2.58 | -47.26 | ≤-32.58 | PASS |

**TEST REPORT**

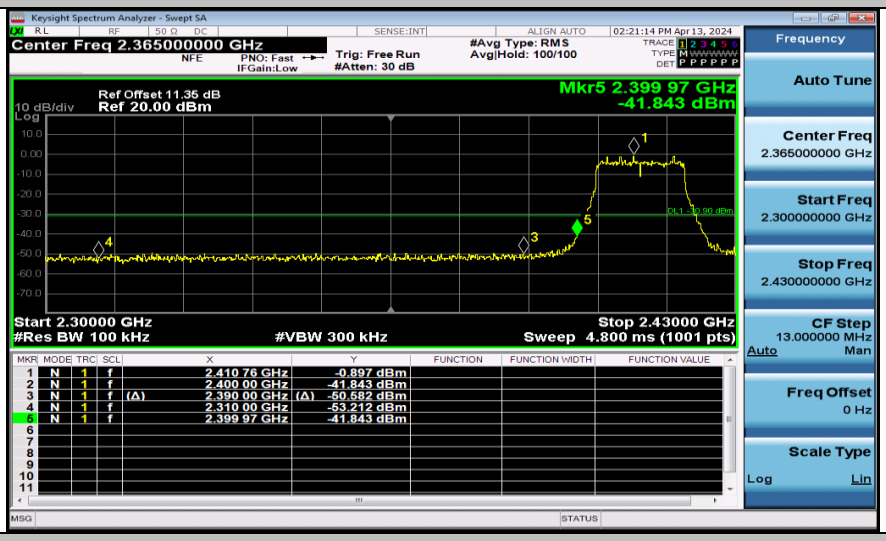
Test Graphs



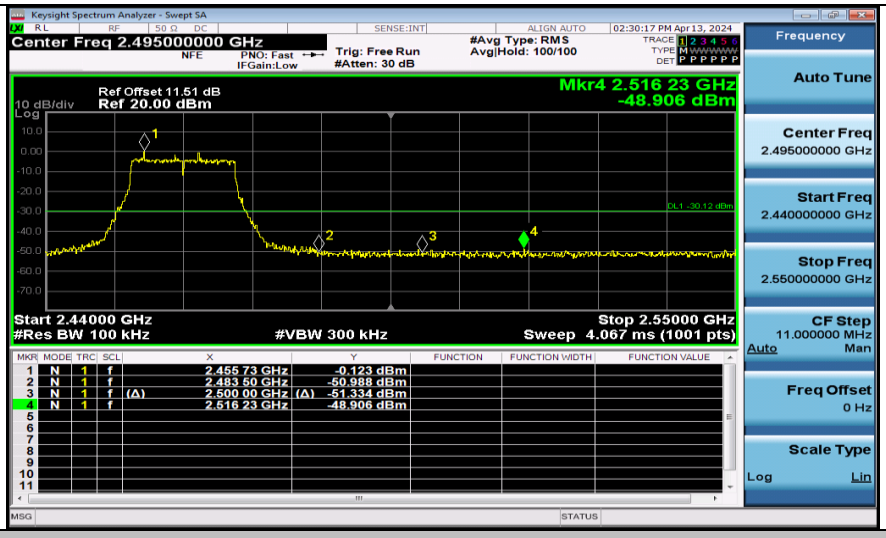

11B-Ant1-2412-PASS



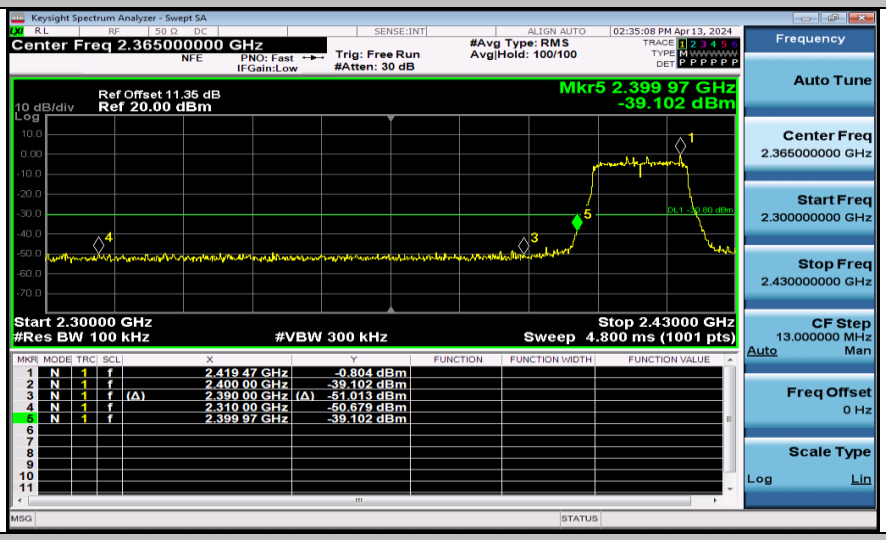

11B-Ant1-2462-PASS



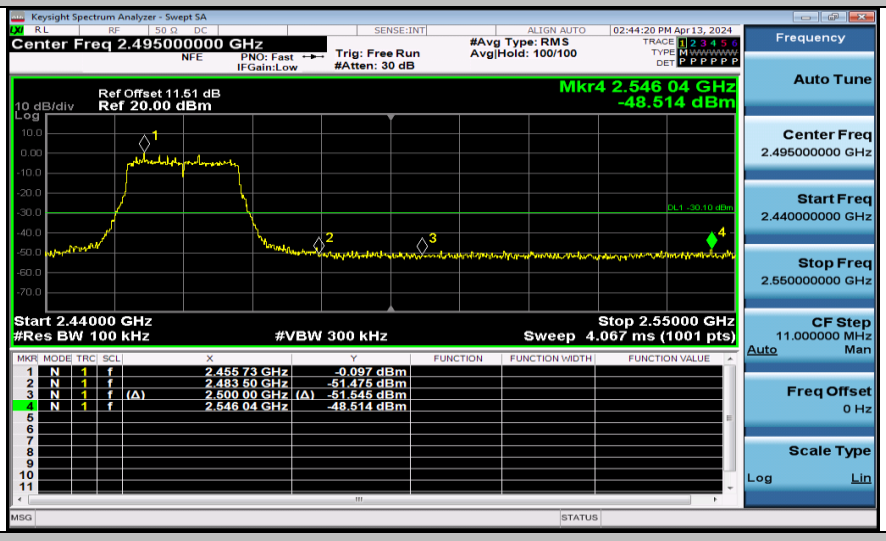

11G-Ant1-2412-PASS




11G-Ant1-2462-PASS

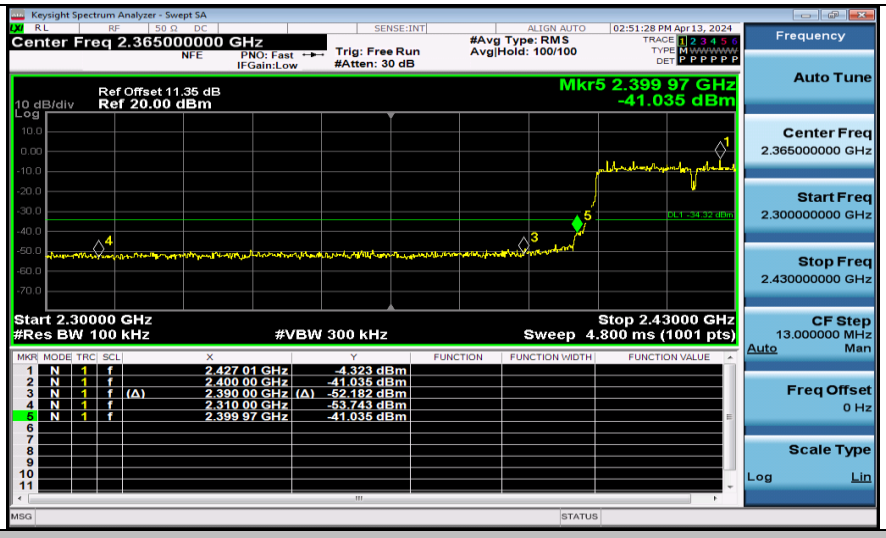



11N20SISO-Ant1-2412-PASS

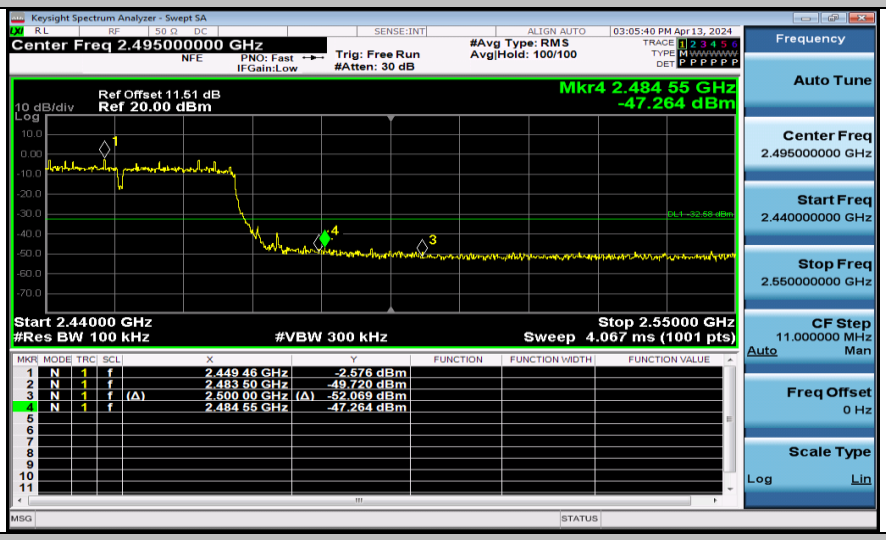



11N20SISO-Ant1-2462-PASS

**TEST REPORT**




11N40SISO-Ant1-2422-PASS



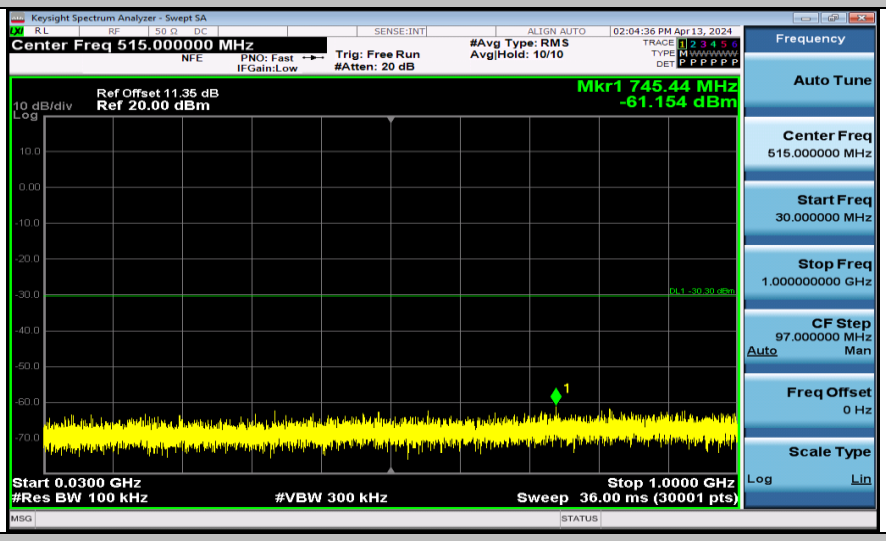

11N40SISO-Ant1-2452-PASS

## Conducted Spurious Emission

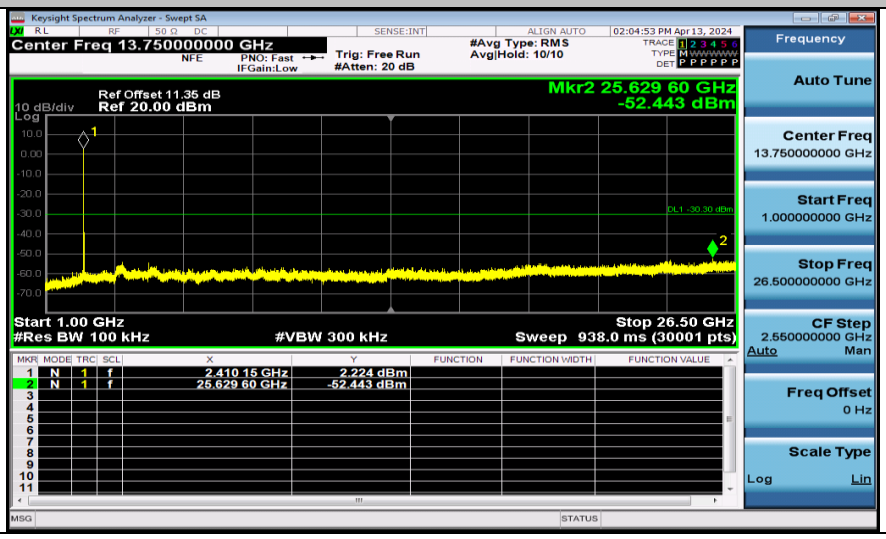
| Test Mode | Antenna | Frequency [MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| 11B | Ant1 | 2412 | 0~Reference | -0.30 | -0.30 | --- | PASS |
| 11B | Ant1 | 2412 | 30~1000 | -0.30 | -61.15 | ≤-30.3 | PASS |
| 11B | Ant1 | 2412 | 1000~26500 | -0.30 | -52.44 | ≤-30.3 | PASS |
| 11B | Ant1 | 2437 | 0~Reference | 0.47 | 0.47 | --- | PASS |
| 11B | Ant1 | 2437 | 30~1000 | 0.47 | -60.11 | ≤-29.53 | PASS |
| 11B | Ant1 | 2437 | 1000~26500 | 0.47 | -52.82 | ≤-29.53 | PASS |
| 11B | Ant1 | 2462 | 0~Reference | 2.17 | 2.17 | --- | PASS |
| 11B | Ant1 | 2462 | 30~1000 | 2.17 | -60.82 | ≤-27.83 | PASS |
| 11B | Ant1 | 2462 | 1000~26500 | 2.17 | -52.85 | ≤-27.83 | PASS |
| 11G | Ant1 | 2412 | 0~Reference | -3.18 | -3.18 | --- | PASS |
| 11G | Ant1 | 2412 | 30~1000 | -3.18 | -60.65 | ≤-33.18 | PASS |
| 11G | Ant1 | 2412 | 1000~26500 | -3.18 | -52.57 | ≤-33.18 | PASS |
| 11G | Ant1 | 2437 | 0~Reference | -3.60 | -3.60 | --- | PASS |
| 11G | Ant1 | 2437 | 30~1000 | -3.60 | -61.65 | ≤-33.6 | PASS |
| 11G | Ant1 | 2437 | 1000~26500 | -3.60 | -52.54 | ≤-33.6 | PASS |
| 11G | Ant1 | 2462 | 0~Reference | -3.92 | -3.92 | --- | PASS |
| 11G | Ant1 | 2462 | 30~1000 | -3.92 | -61.22 | ≤-33.92 | PASS |
| 11G | Ant1 | 2462 | 1000~26500 | -3.92 | -52.98 | ≤-33.92 | PASS |
| 11N20SISO | Ant1 | 2412 | 0~Reference | -2.10 | -2.10 | --- | PASS |
| 11N20SISO | Ant1 | 2412 | 30~1000 | -2.10 | -61.26 | ≤-32.1 | PASS |
| 11N20SISO | Ant1 | 2412 | 1000~26500 | -2.10 | -53.23 | ≤-32.1 | PASS |
| 11N20SISO | Ant1 | 2437 | 0~Reference | -1.05 | -1.05 | --- | PASS |
| 11N20SISO | Ant1 | 2437 | 30~1000 | -1.05 | -60.83 | ≤-31.05 | PASS |
| 11N20SISO | Ant1 | 2437 | 1000~26500 | -1.05 | -52.92 | ≤-31.05 | PASS |
| 11N20SISO | Ant1 | 2462 | 0~Reference | -0.88 | -0.88 | --- | PASS |
| 11N20SISO | Ant1 | 2462 | 30~1000 | -0.88 | -61.3 | ≤-30.88 | PASS |
| 11N20SISO | Ant1 | 2462 | 1000~26500 | -0.88 | -53.08 | ≤-30.88 | PASS |
| 11N40SISO | Ant1 | 2422 | 0~Reference | -4.16 | -4.16 | --- | PASS |
| 11N40SISO | Ant1 | 2422 | 30~1000 | -4.16 | -61.49 | ≤-34.16 | PASS |
| 11N40SISO | Ant1 | 2422 | 1000~26500 | -4.16 | -53.37 | ≤-34.16 | PASS |
| 11N40SISO | Ant1 | 2437 | 0~Reference | -3.69 | -3.69 | --- | PASS |
| 11N40SISO | Ant1 | 2437 | 30~1000 | -3.69 | -60.68 | ≤-33.69 | PASS |
| 11N40SISO | Ant1 | 2437 | 1000~26500 | -3.69 | -52.74 | ≤-33.69 | PASS |
| 11N40SISO | Ant1 | 2452 | 0~Reference | -6.09 | -6.09 | --- | PASS |
| 11N40SISO | Ant1 | 2452 | 30~1000 | -6.09 | -61.17 | ≤-36.09 | PASS |
| 11N40SISO | Ant1 | 2452 | 1000~26500 | -6.09 | -52.97 | ≤-36.09 | PASS |

Test Graphs

11B-Ant1-2412-0~Reference-PASS

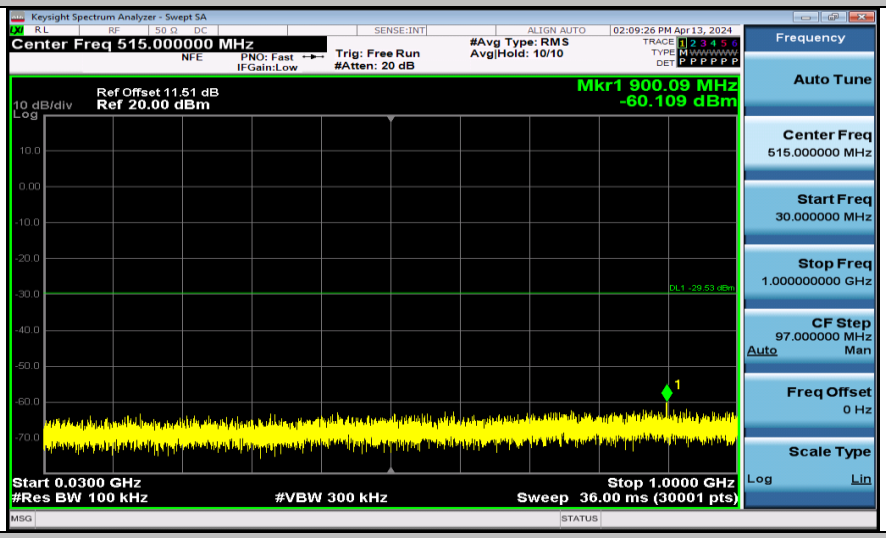



11B-Ant1-2412-30~1000-PASS

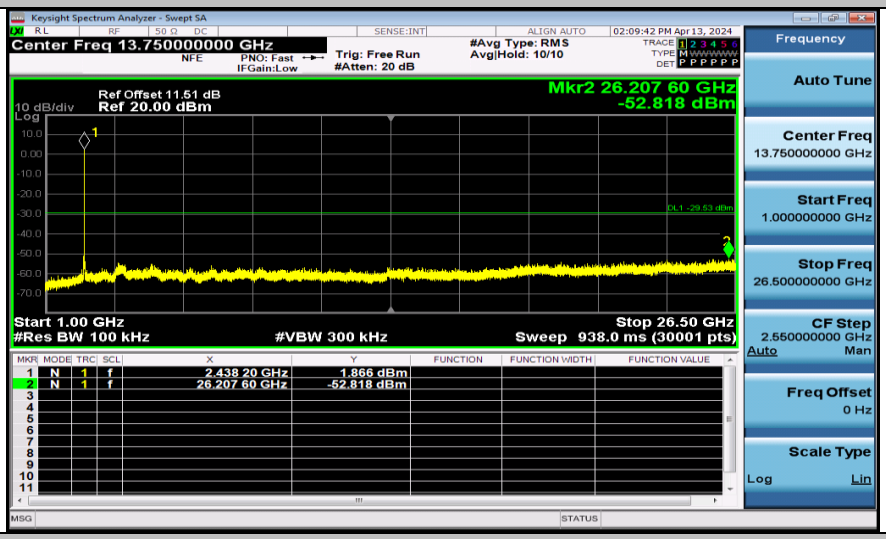


11B-Ant1-2412-1000~26500-PASS

11B-Ant1-2437-0~Reference-PASS

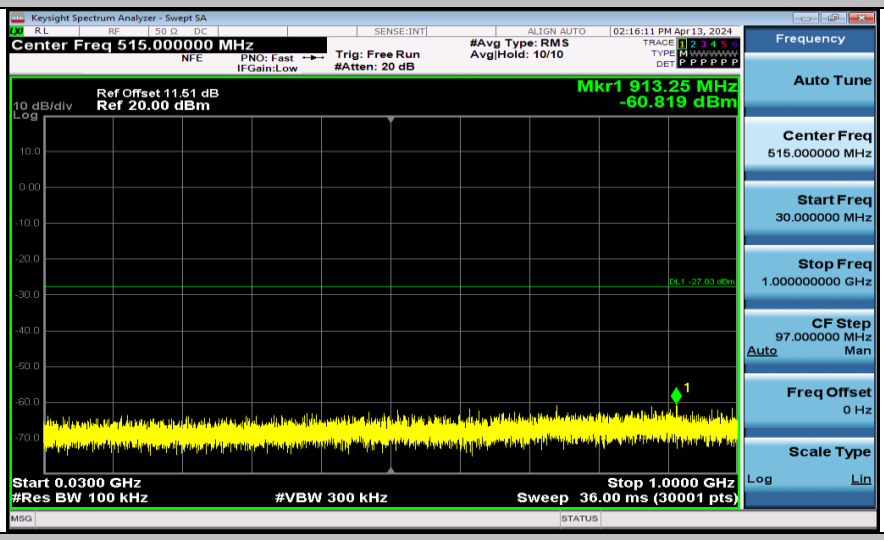



11B-Ant1-2437-30~1000-PASS

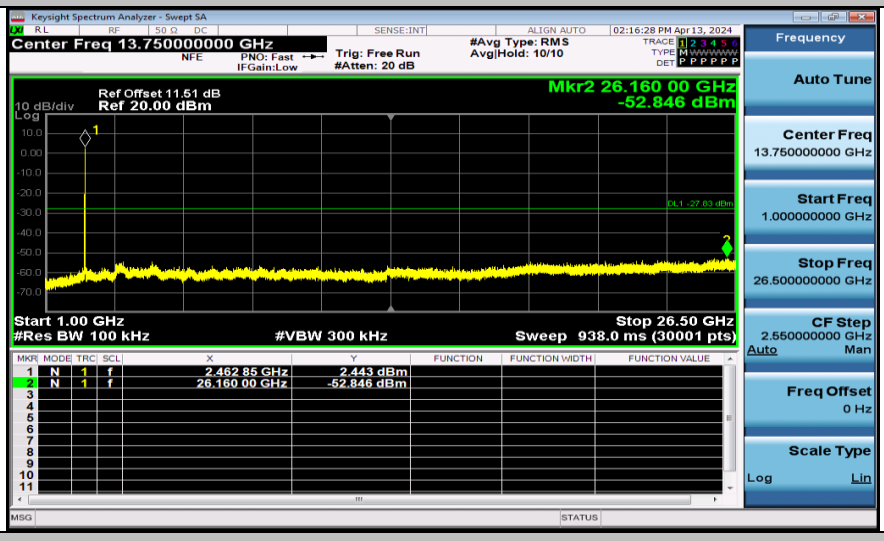



11B-Ant1-2437-1000~26500-PASS

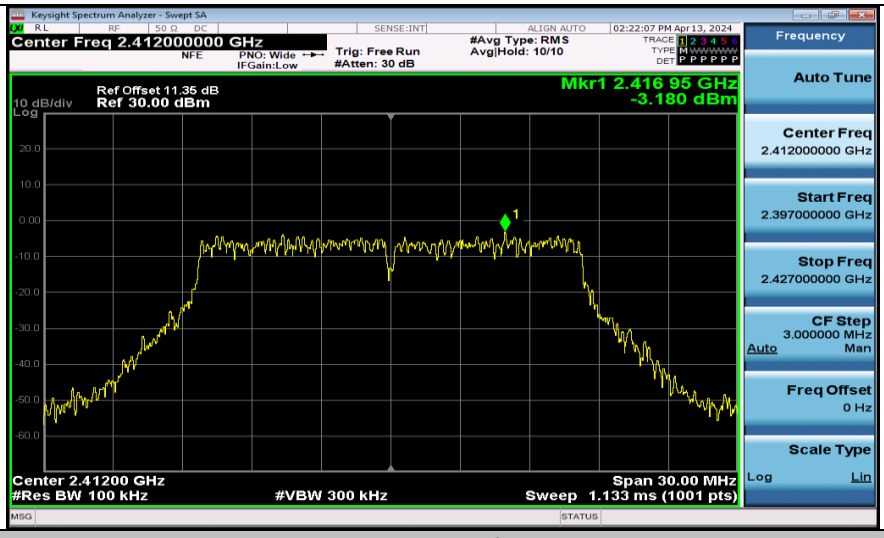
11B-Ant1-2462-0~Reference-PASS



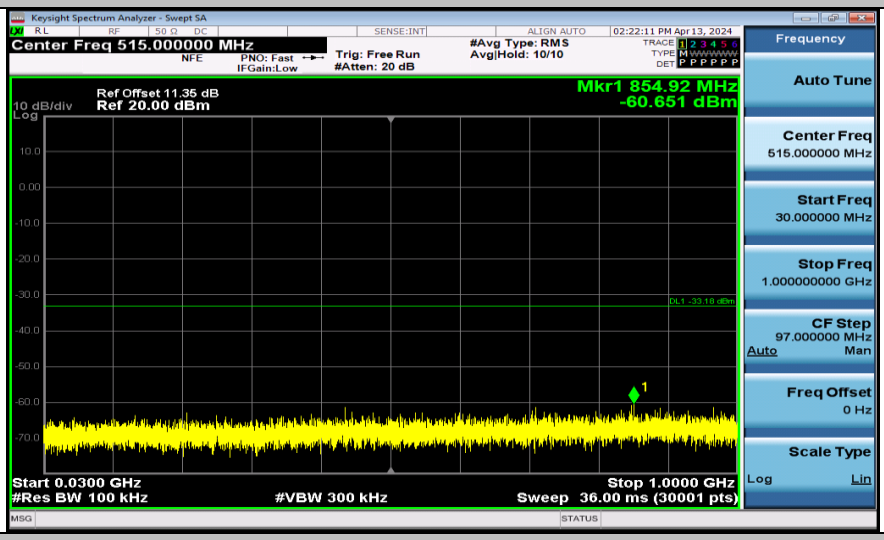

11B-Ant1-2462-30~1000-PASS



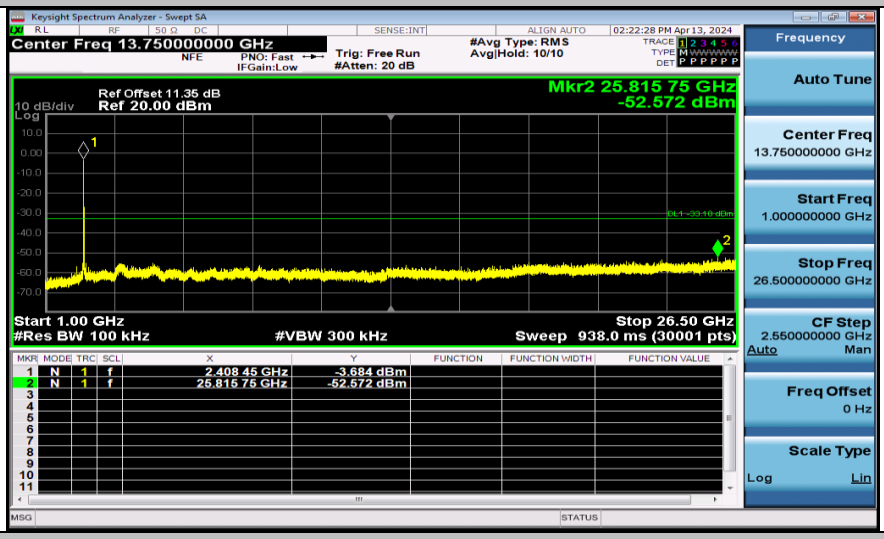

11B-Ant1-2462-1000~26500-PASS



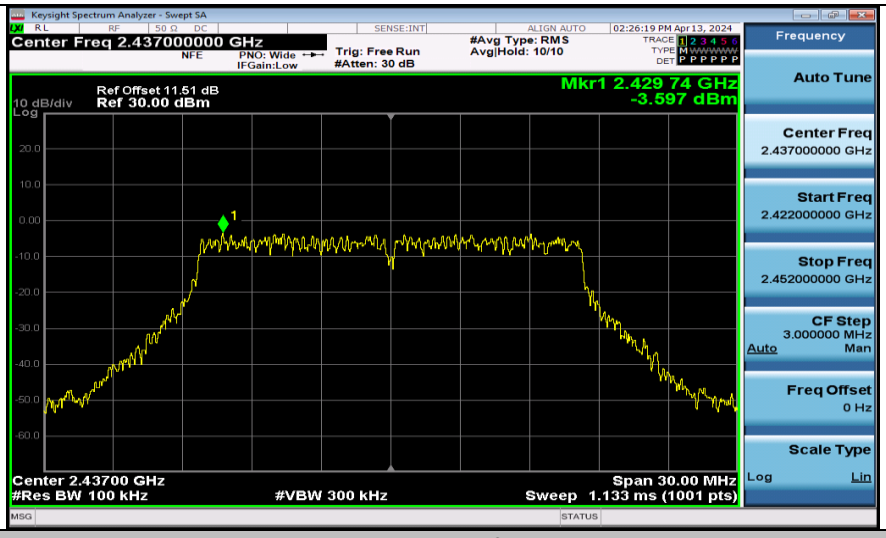

11G-Ant1-2412-0~Reference-PASS



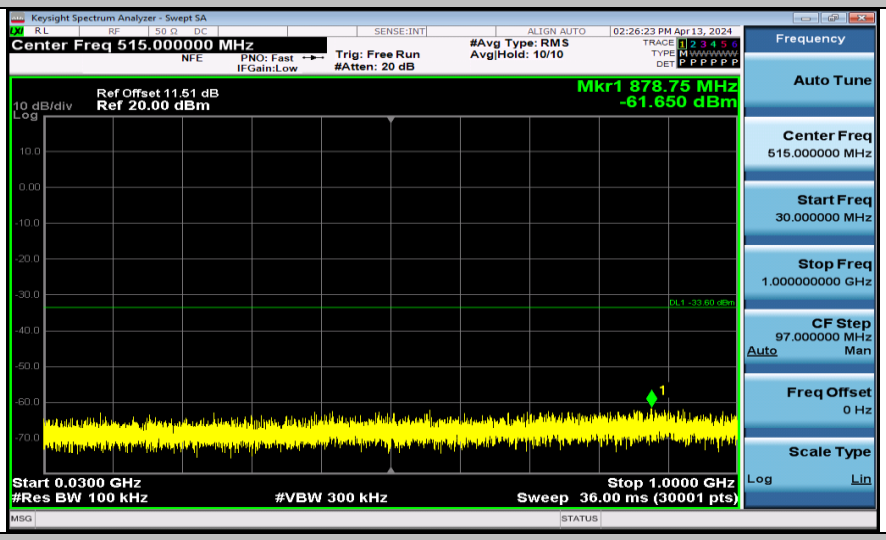

11G-Ant1-2412-30~1000-PASS



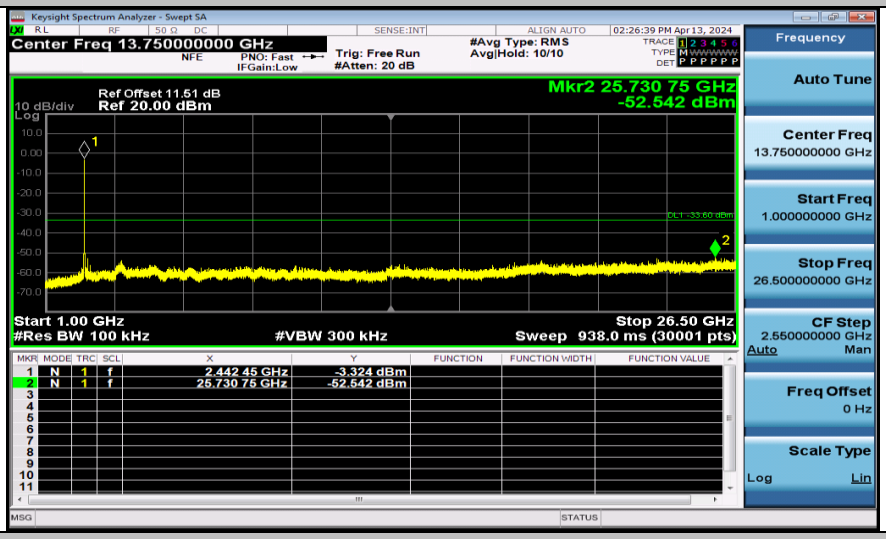

11G-Ant1-2412-1000~26500-PASS



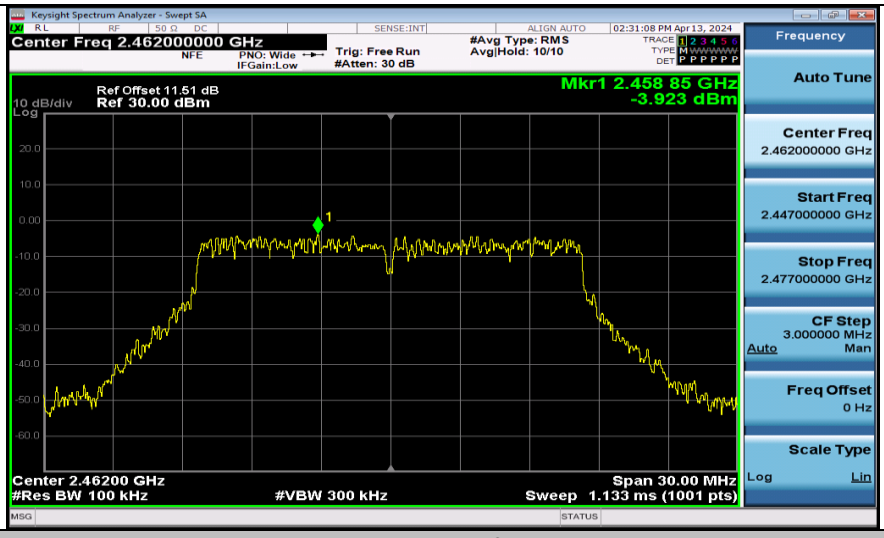

11G-Ant1-2437-0~Reference-PASS



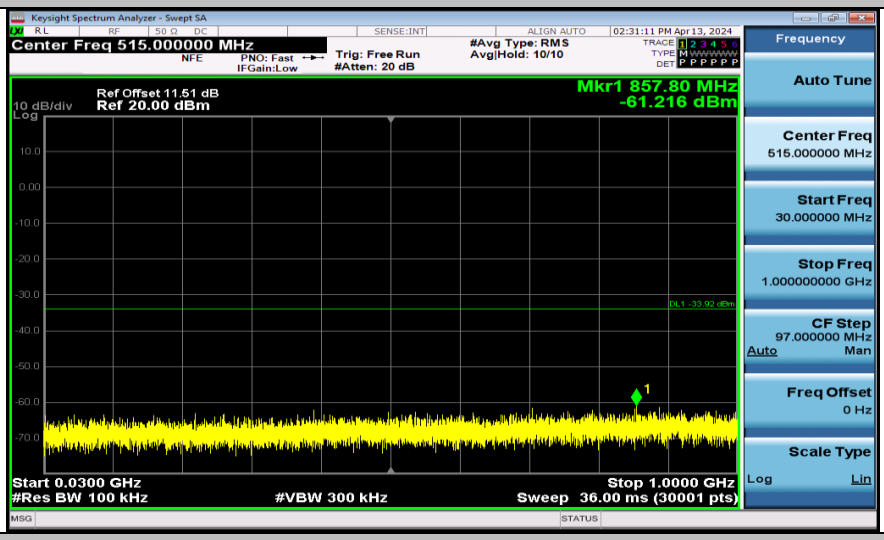

11G-Ant1-2437-30~1000-PASS



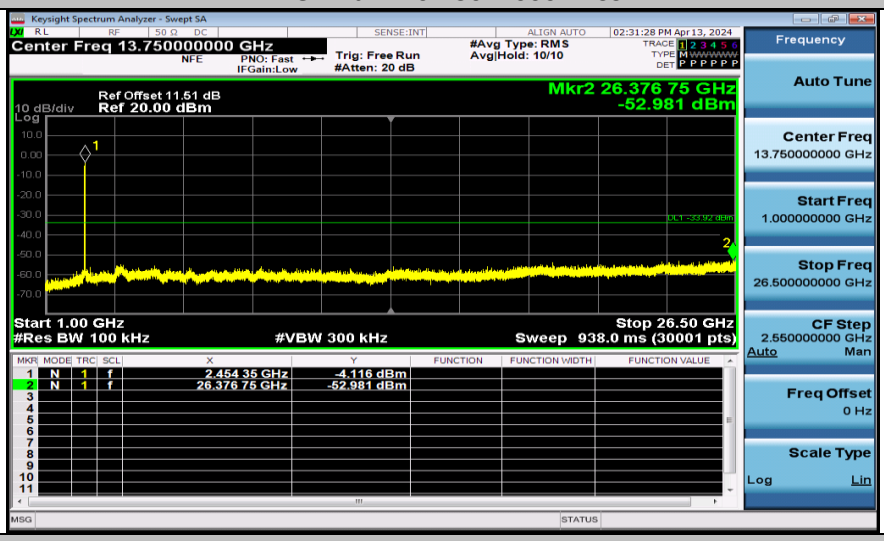

11G-Ant1-2437-1000~26500-PASS



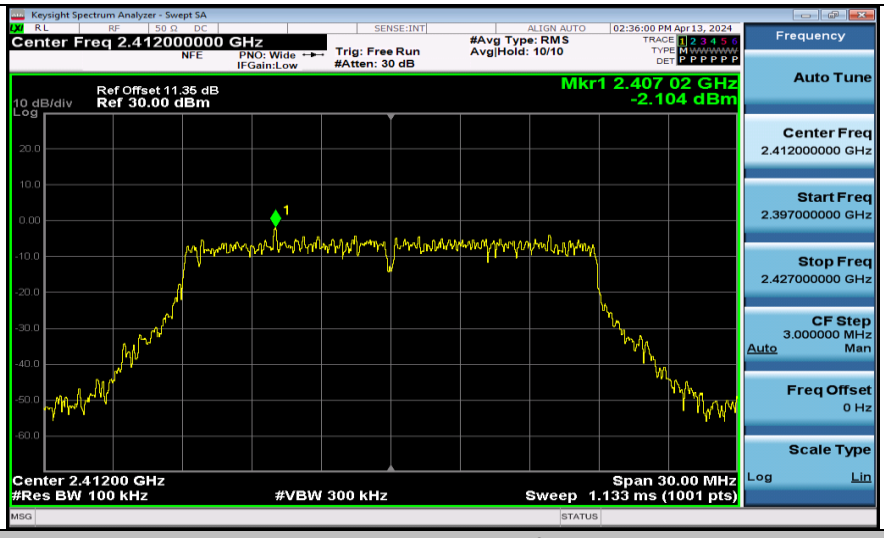

11G-Ant1-2462-0~Reference-PASS



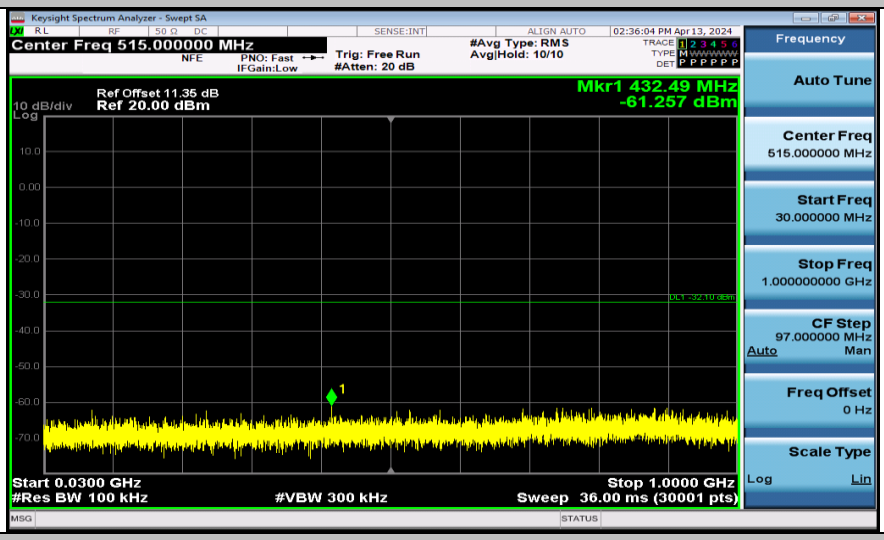

11G-Ant1-2462-30~1000-PASS



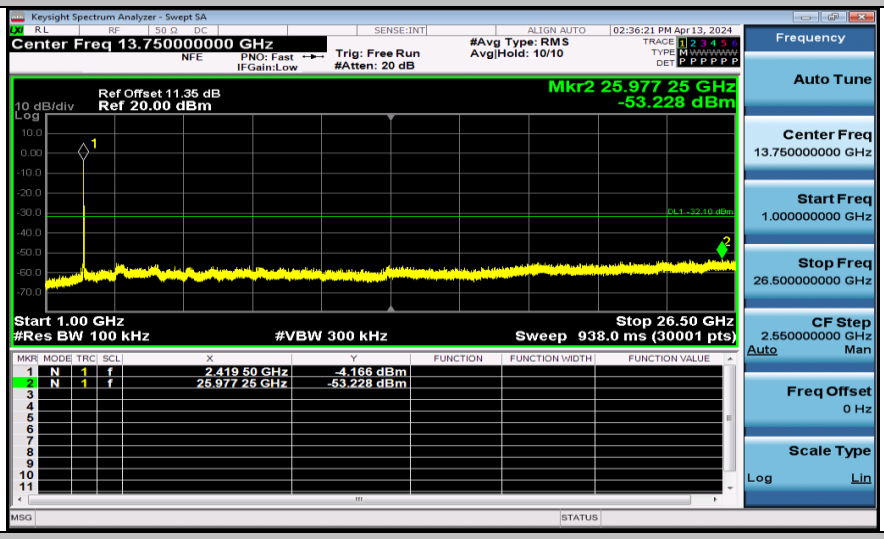

11G-Ant1-2462-1000~26500-PASS




11N20SISO-Ant1-2412-0~Reference-PASS




11N20SISO-Ant1-2412-30~1000-PASS

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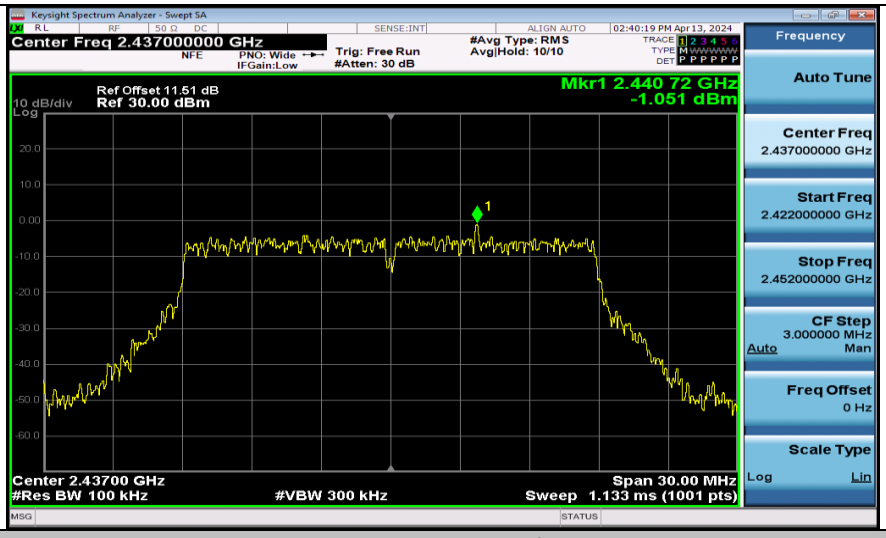
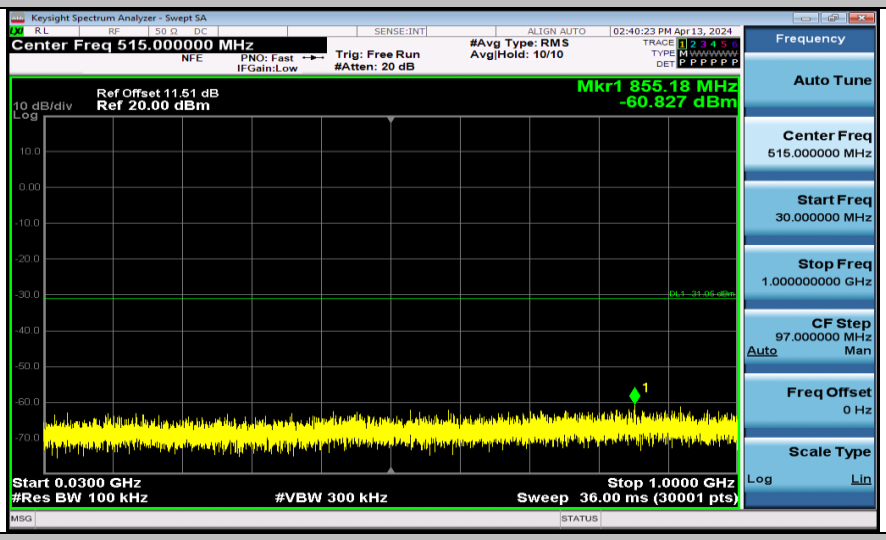
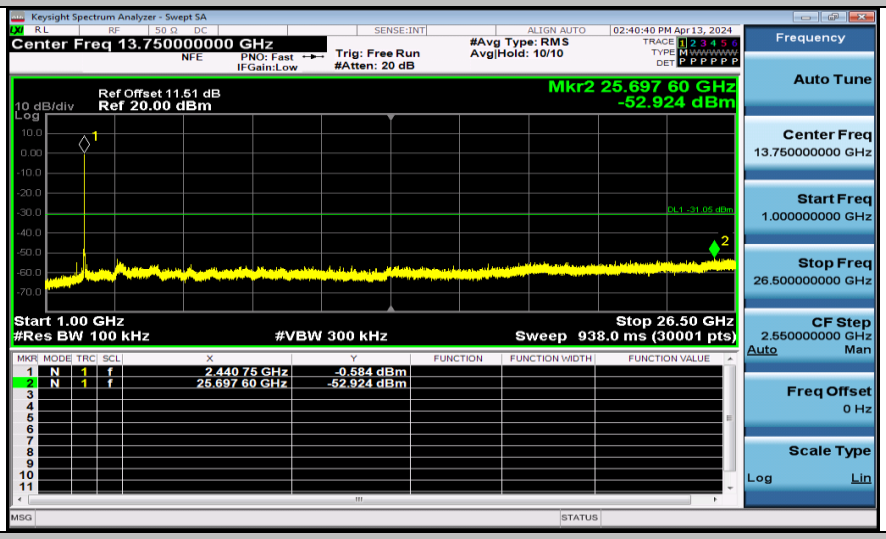


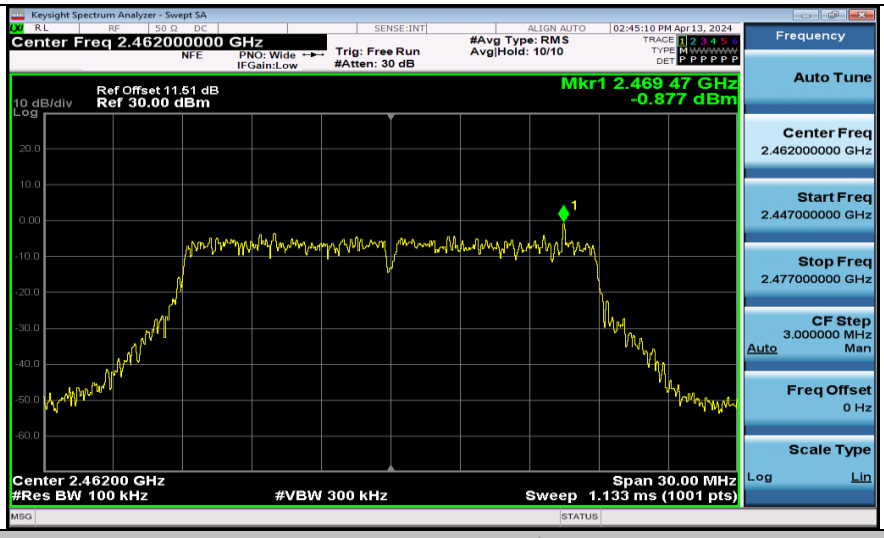

11N20SISO-Ant1-2437-0~Reference-PASS



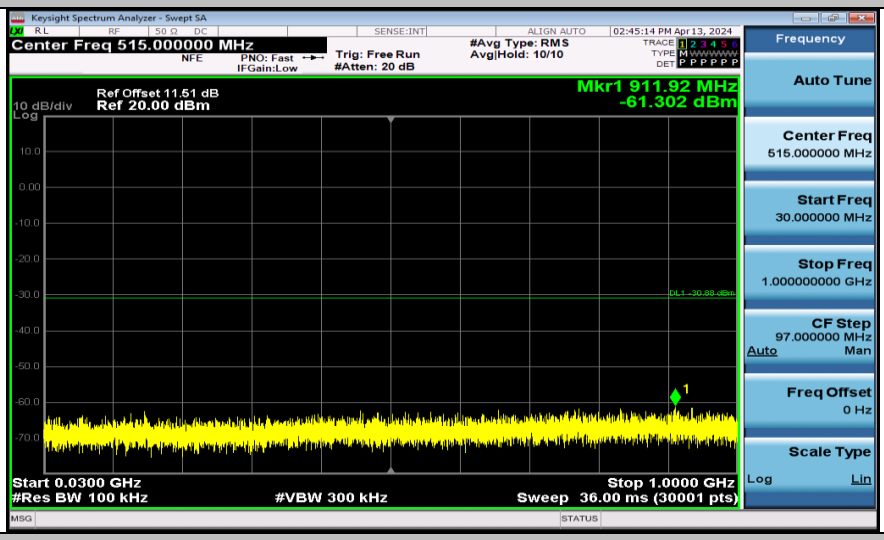

11N20SISO-Ant1-2437-30~1000-PASS



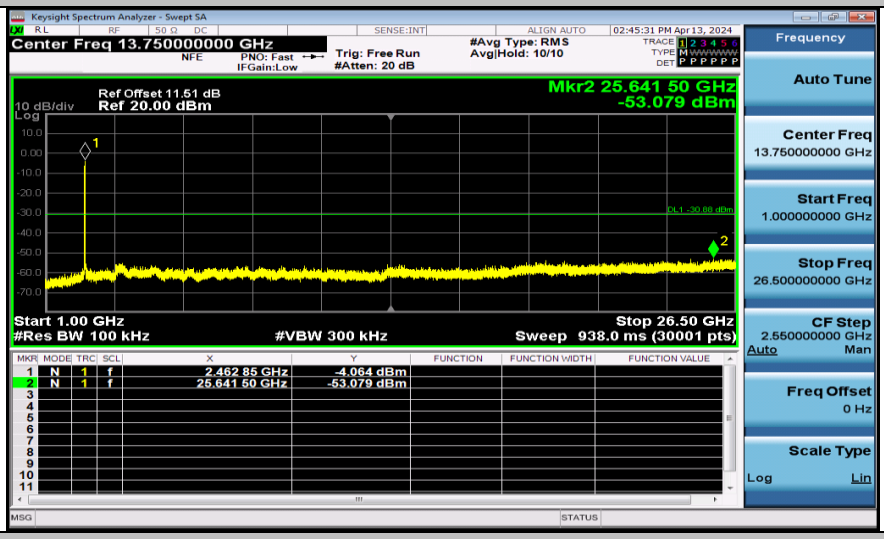

11N20SISO-Ant1-2437-1000~26500-PASS




11N20SISO-Ant1-2462-0~Reference-PASS

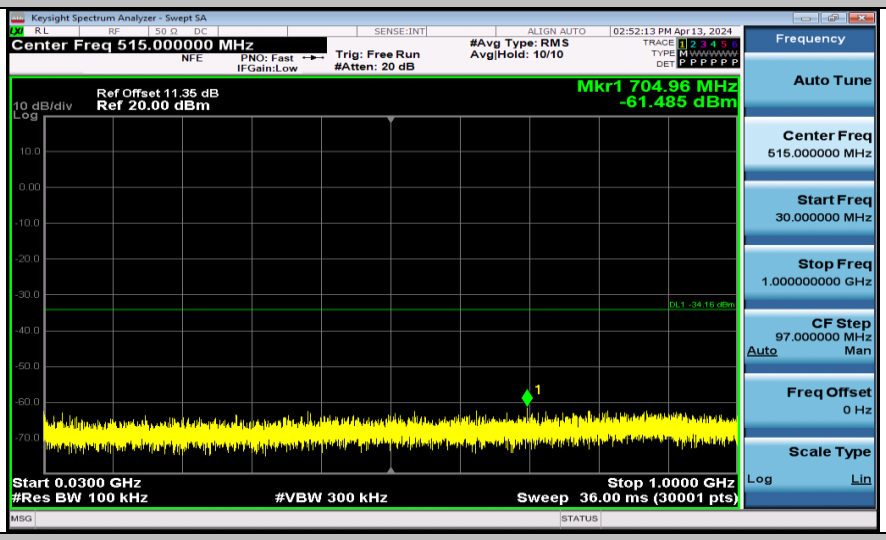



11N20SISO-Ant1-2462-30~1000-PASS

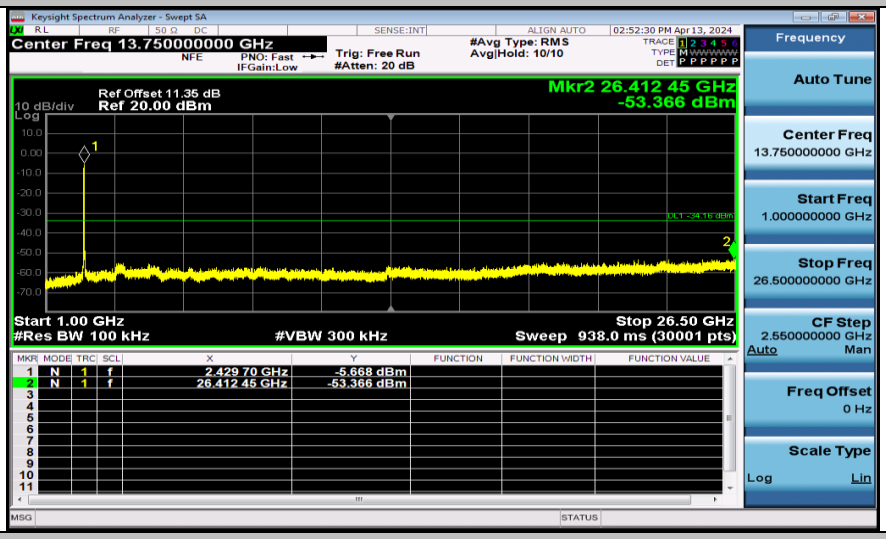



11N20SISO-Ant1-2462-1000~26500-PASS

11N40SISO-Ant1-2422-0~Reference-PASS

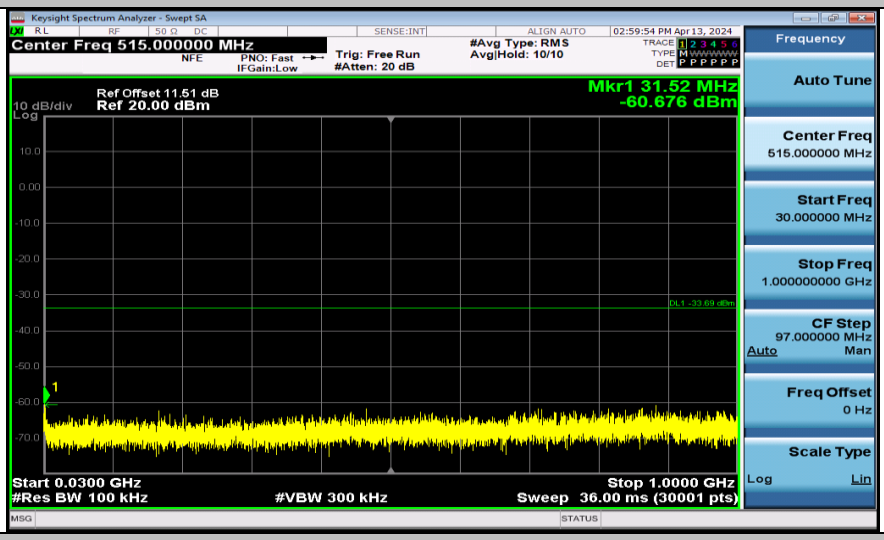



11N40SISO-Ant1-2422-30~1000-PASS

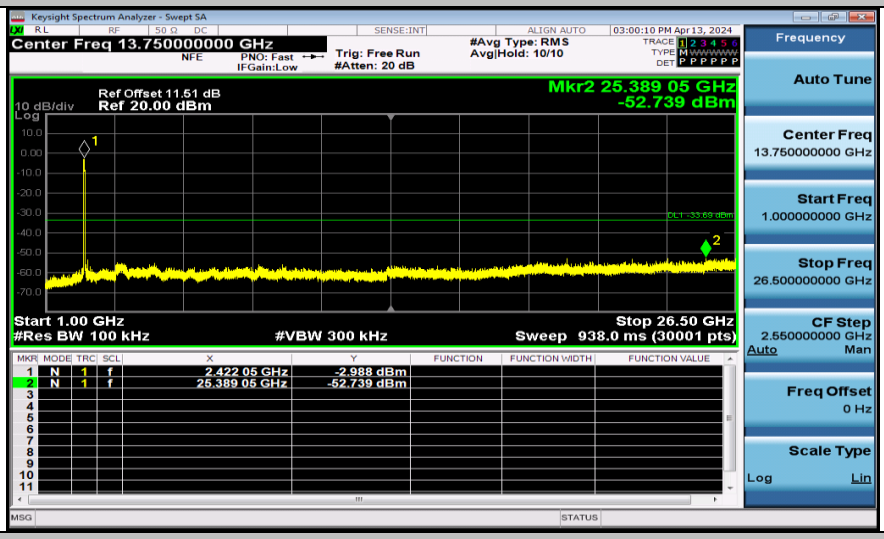



11N40SISO-Ant1-2422-1000~26500-PASS

11N40SISO-Ant1-2437-0~Reference-PASS

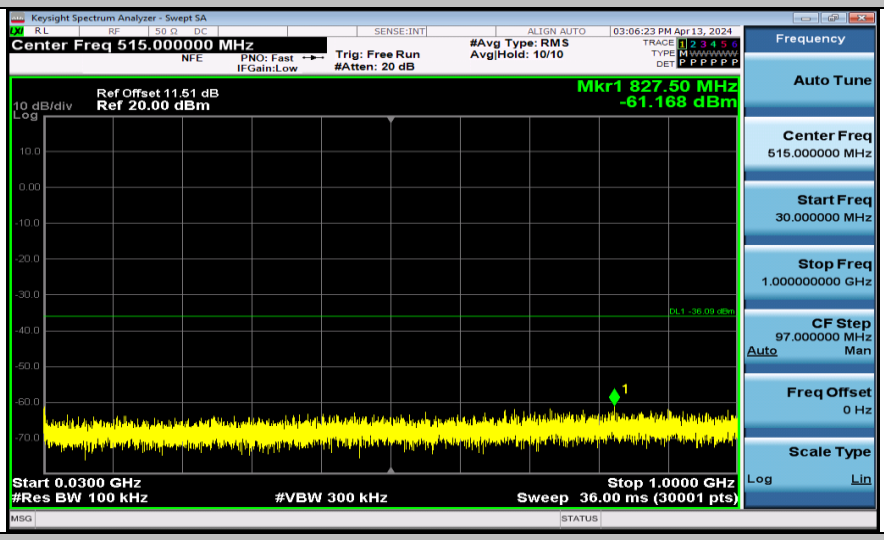



11N40SISO-Ant1-2437-30~1000-PASS

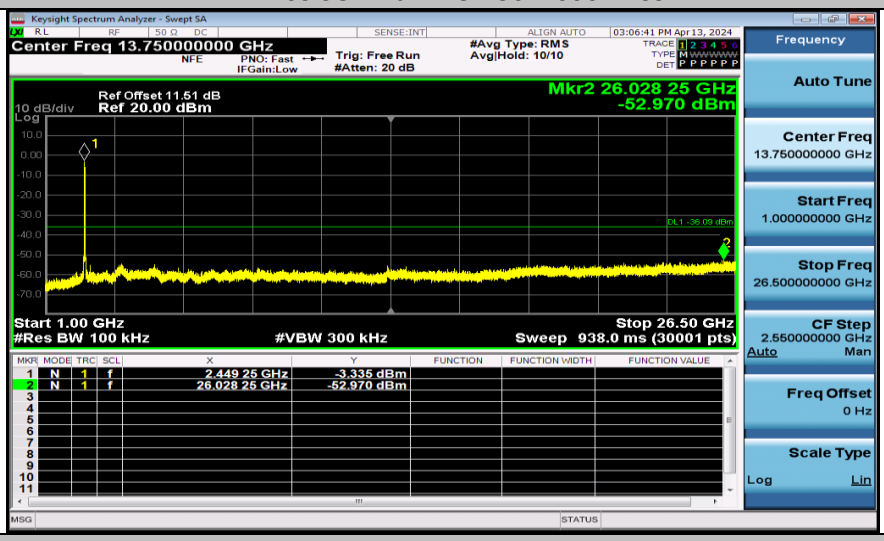



11N40SISO-Ant1-2437-1000~26500-PASS

11N40SISO-Ant1-2452-0~Reference-PASS




11N40SISO-Ant1-2452-30~1000-PASS



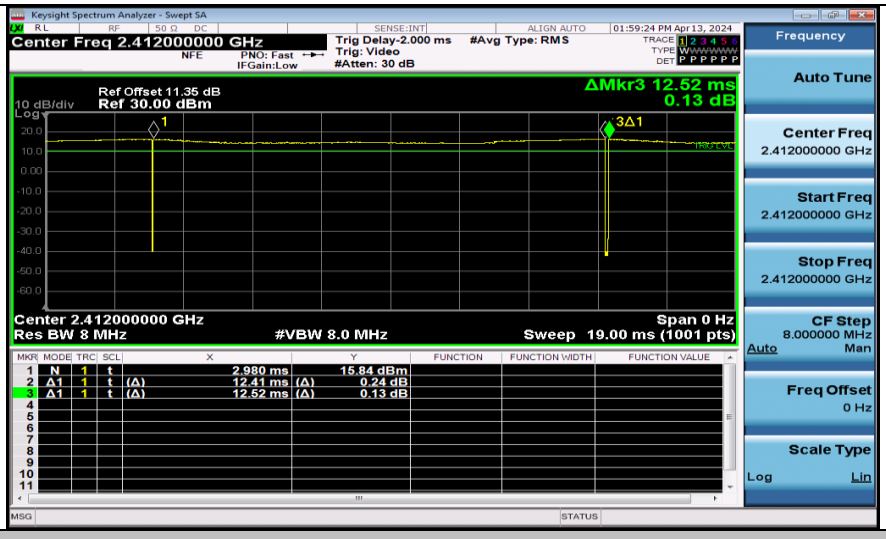

11N40SISO-Ant1-2452-1000~26500-PASS

## Duty Cycle

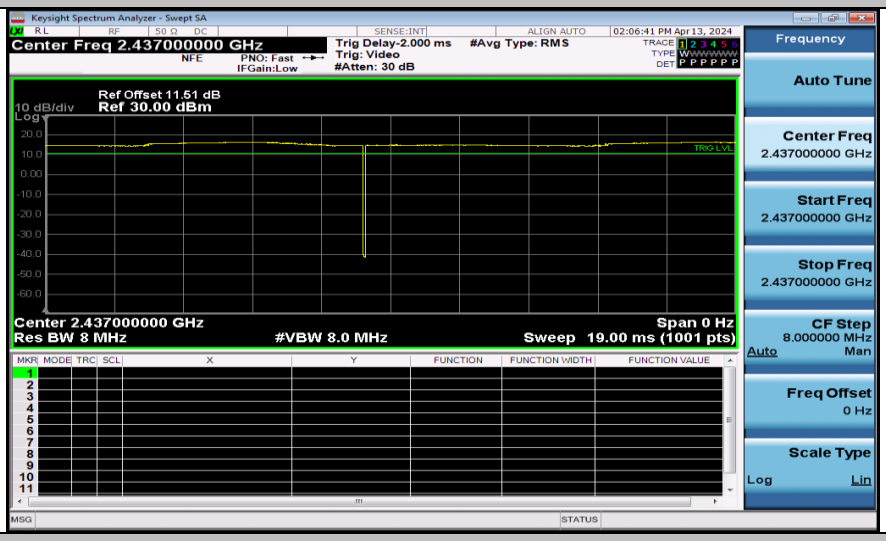
| Test Mode | Antenna | Frequency [MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Factor |
|---|---|---|---|---|---|---|
| 11B | Ant1 | 2412 | 12.41 | 12.52 | 99.12 | 0.04 |
| 11B | Ant1 | 2437 | 5.00 | 5.00 | 100.00 | 0.00 |
| 11B | Ant1 | 2462 | 12.42 | 12.55 | 98.96 | 0.05 |
| 11G | Ant1 | 2412 | 2.07 | 2.15 | 96.28 | 0.16 |
| 11G | Ant1 | 2437 | 2.07 | 2.26 | 91.59 | 0.38 |
| 11G | Ant1 | 2462 | 2.07 | 2.24 | 92.41 | 0.34 |
| 11N20SISO | Ant1 | 2412 | 1.92 | 1.96 | 97.96 | 0.09 |
| 11N20SISO | Ant1 | 2437 | 1.92 | 2.01 | 95.52 | 0.20 |
| 11N20SISO | Ant1 | 2462 | 1.92 | 2.00 | 96.00 | 0.18 |
| 11N40SISO | Ant1 | 2422 | 0.94 | 1.18 | 79.66 | 0.99 |
| 11N40SISO | Ant1 | 2437 | 0.95 | 1.12 | 84.82 | 0.72 |
| 11N40SISO | Ant1 | 2452 | 0.94 | 1.19 | 78.99 | 1.02 |

**TEST REPORT**

Test Graphs




NTNV-11B-Ant1-2412

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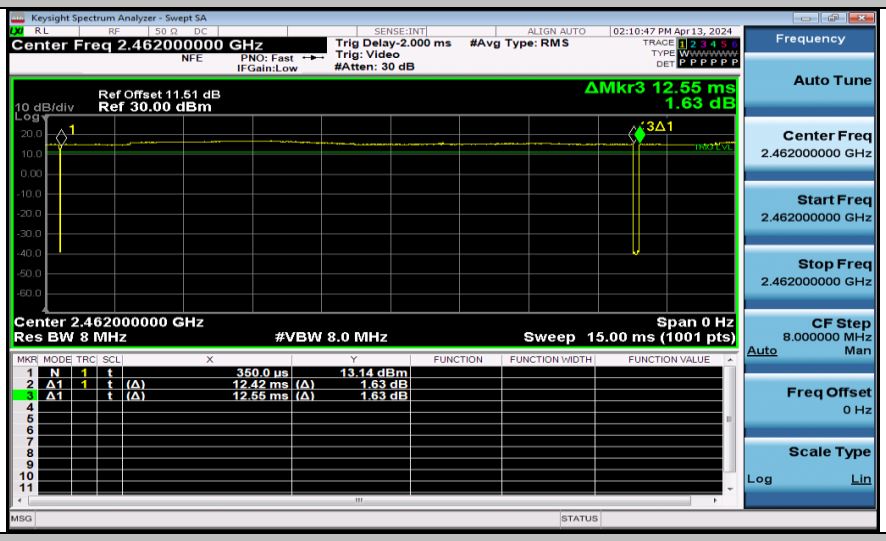


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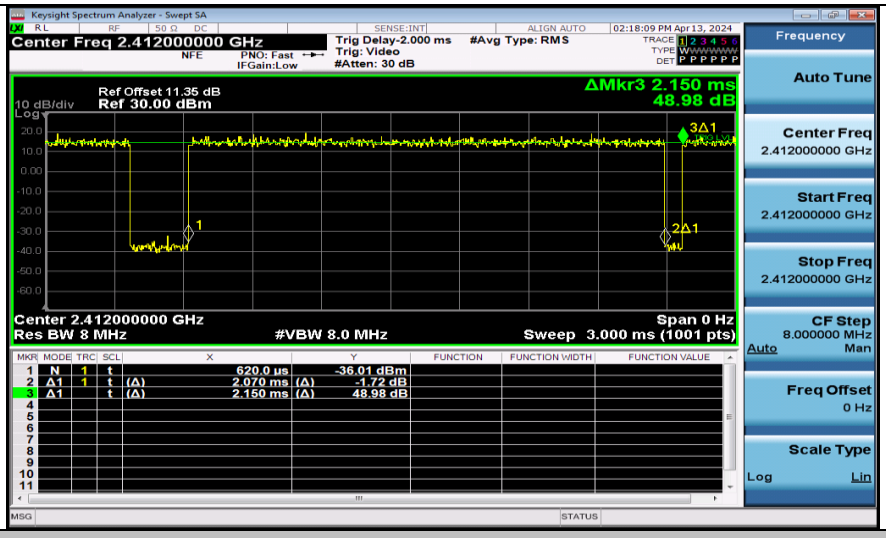


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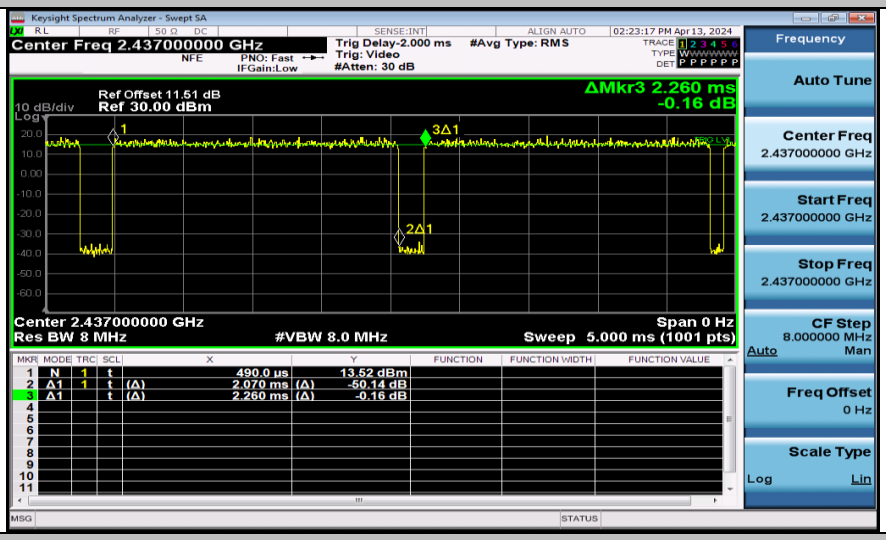


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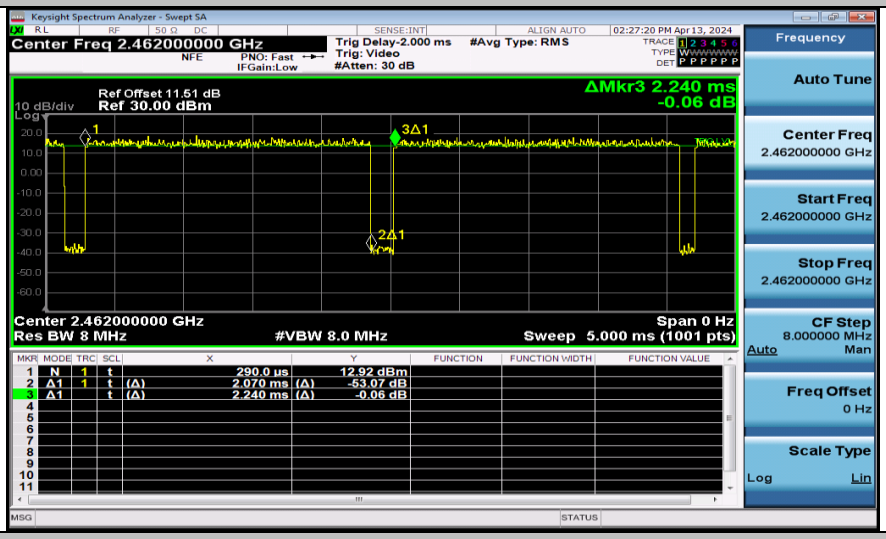


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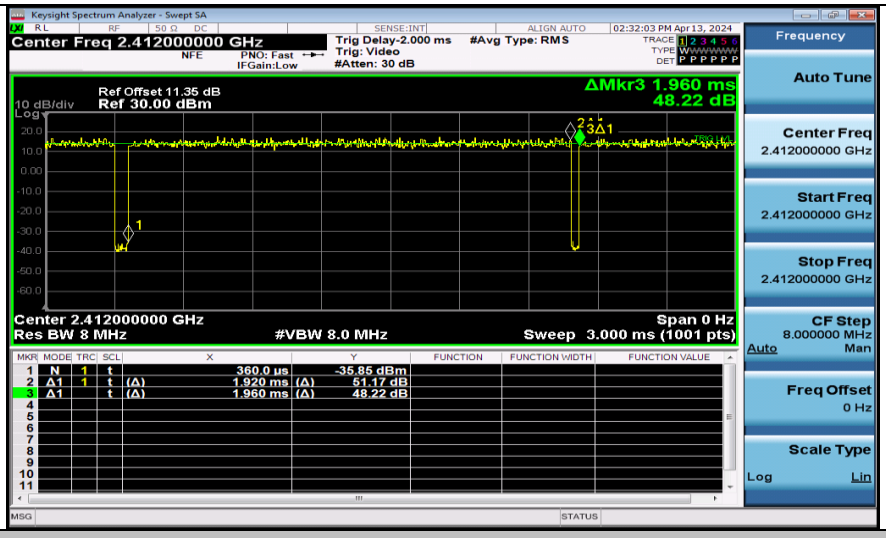


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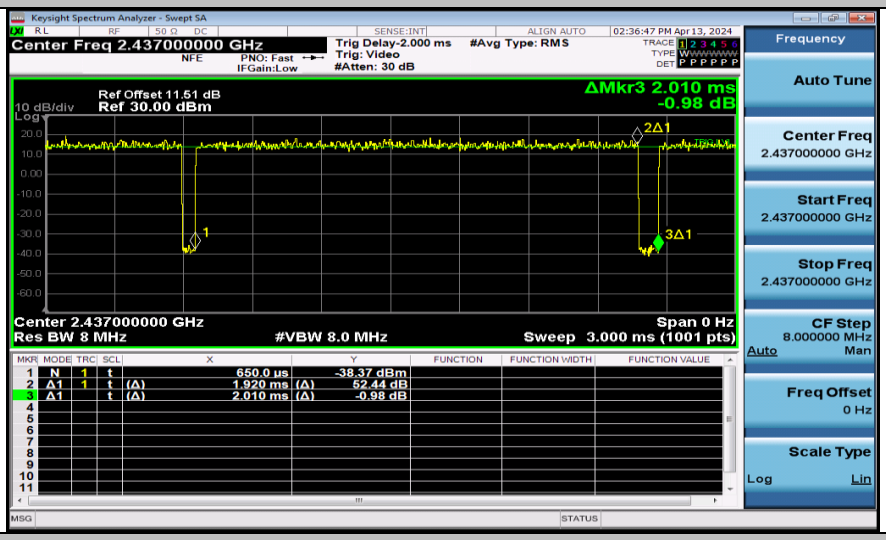


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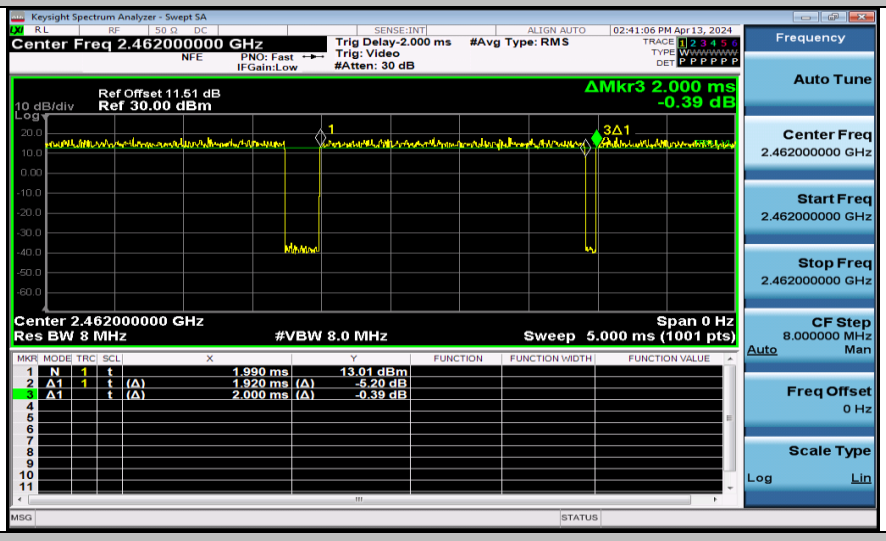
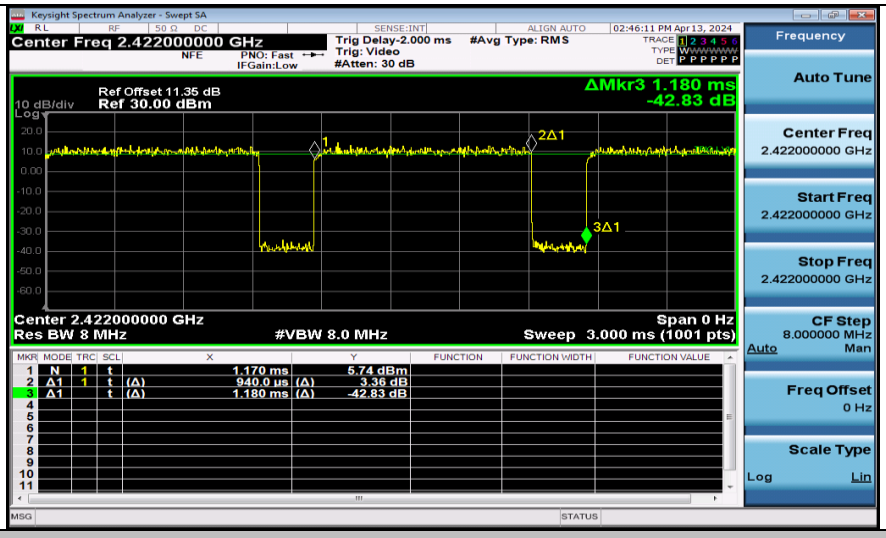



NTNV-11N20SISO-Ant1-2462

**TEST REPORT**

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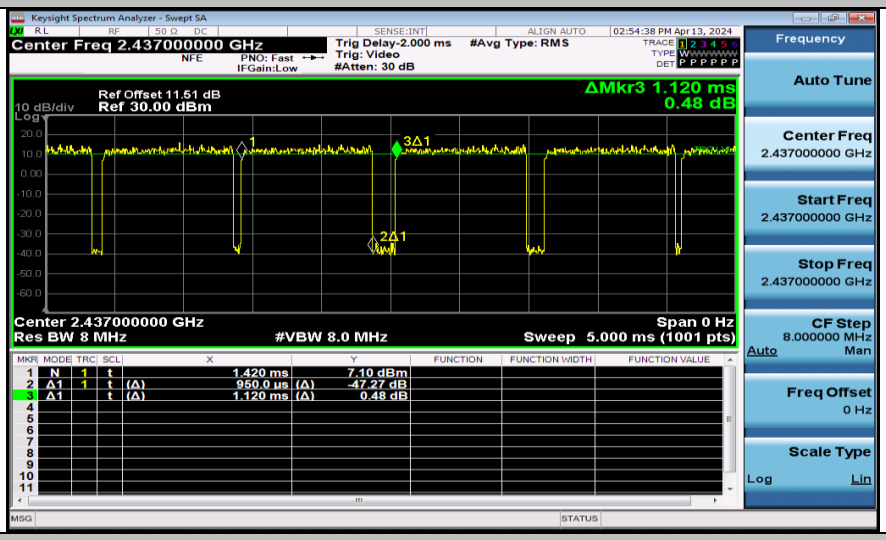


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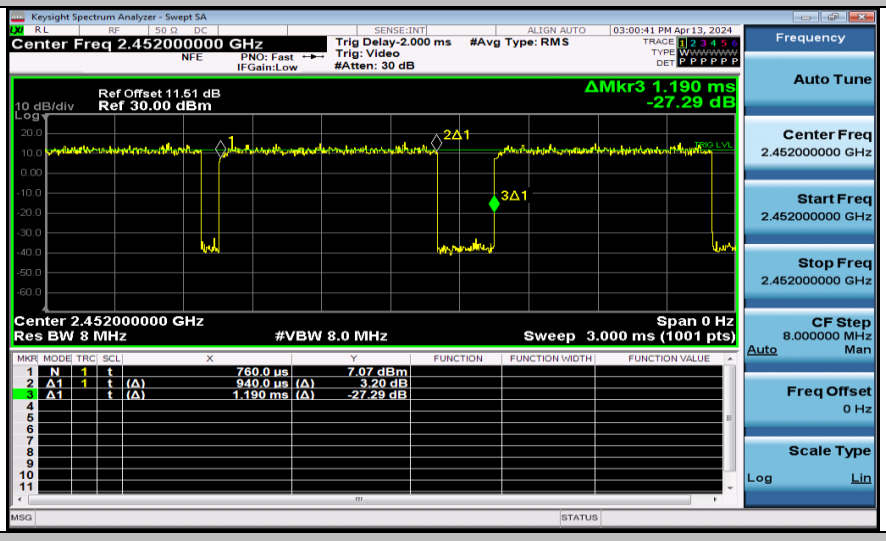


NTNV-11N40SISO-Ant1-2452

********** END **********