

Maximum power spectral density

| Test Mode | Antenna | Frequency [MHz] | Result [dBm/3-100kHz] | Limit [dBm/3kHz] | Verdict |
|-----------|---------|-----------------|-----------------------|------------------|---------|
| 11B | Ant1 | 2412 | -19.913 | ≤8.00 | PASS |
| | | 2437 | -20.423 | ≤8.00 | PASS |
| | | 2462 | -22.28 | ≤8.00 | PASS |
| 11G | Ant1 | 2412 | -20.502 | ≤8.00 | PASS |
| | | 2437 | -22.243 | ≤8.00 | PASS |
| | | 2462 | -23.462 | ≤8.00 | PASS |
| 11N20SISO | Ant1 | 2412 | -21.508 | ≤8.00 | PASS |
| | | 2437 | -22.819 | ≤8.00 | PASS |
| | | 2462 | -23.28 | ≤8.00 | PASS |

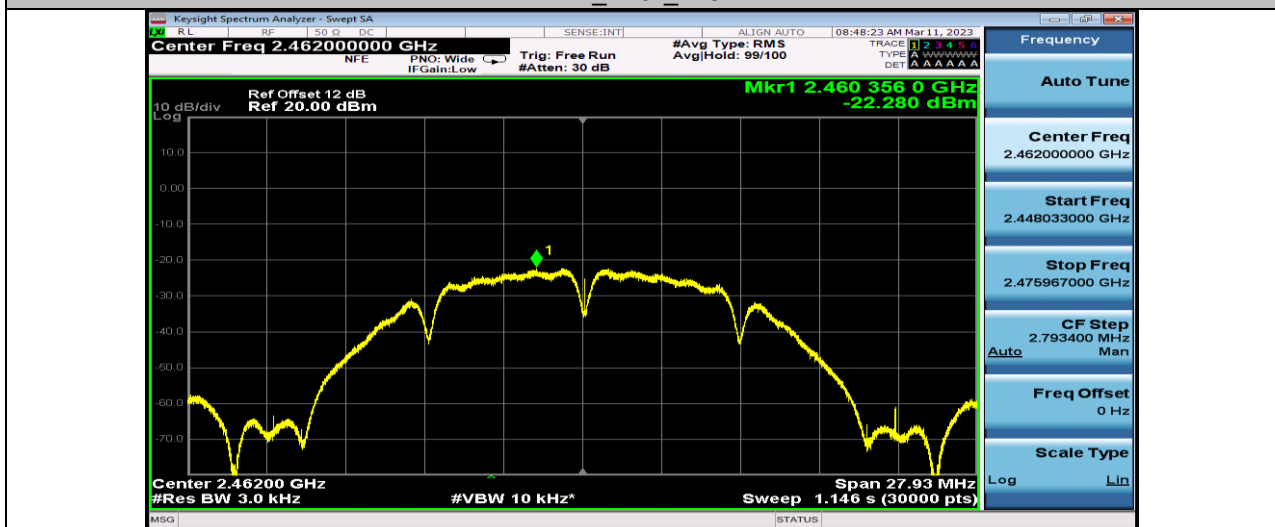
Test Graphs



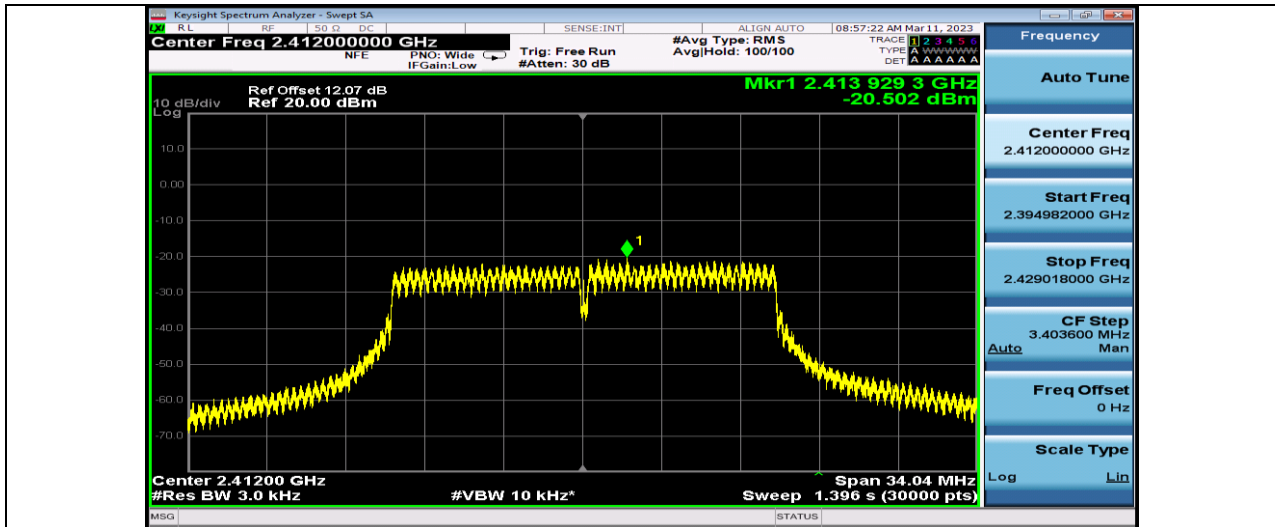
11B_Ant1_2412



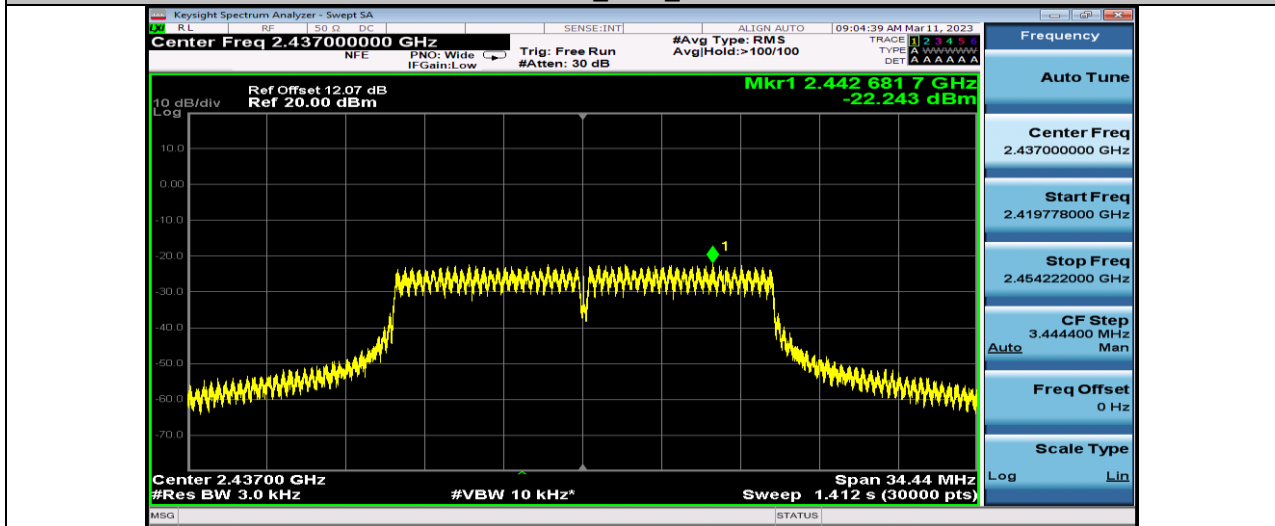
11B_Ant1_2437



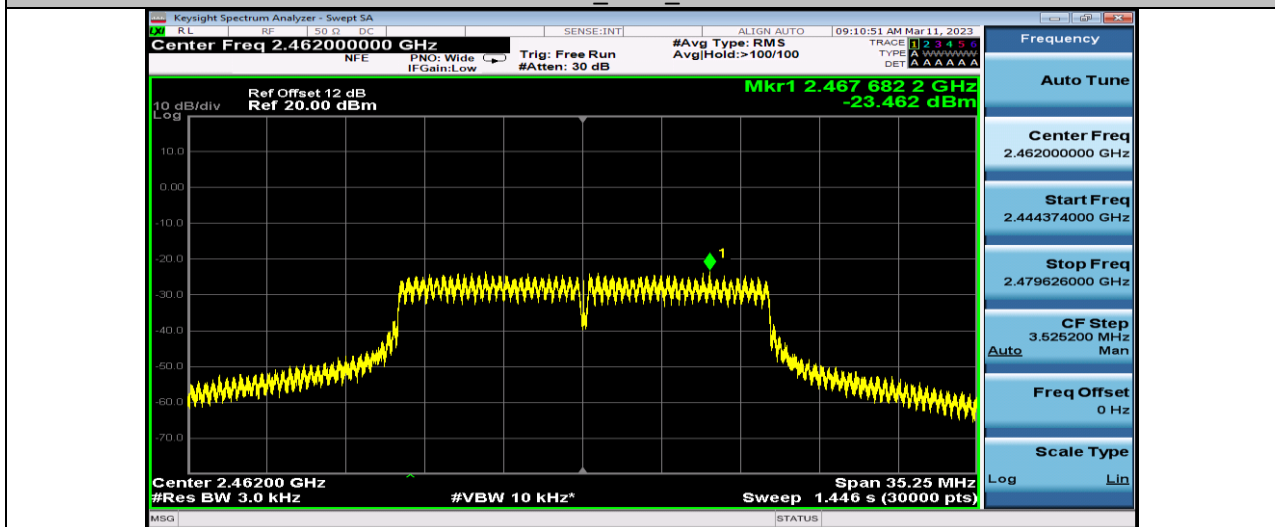
11B_Ant1_2462



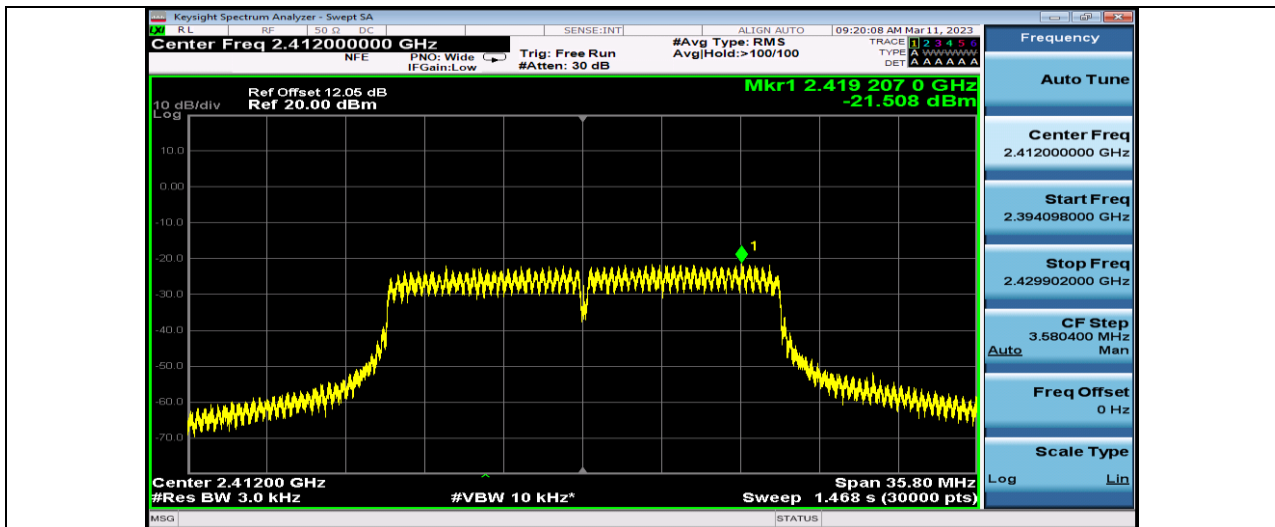
11G_Ant1_2412



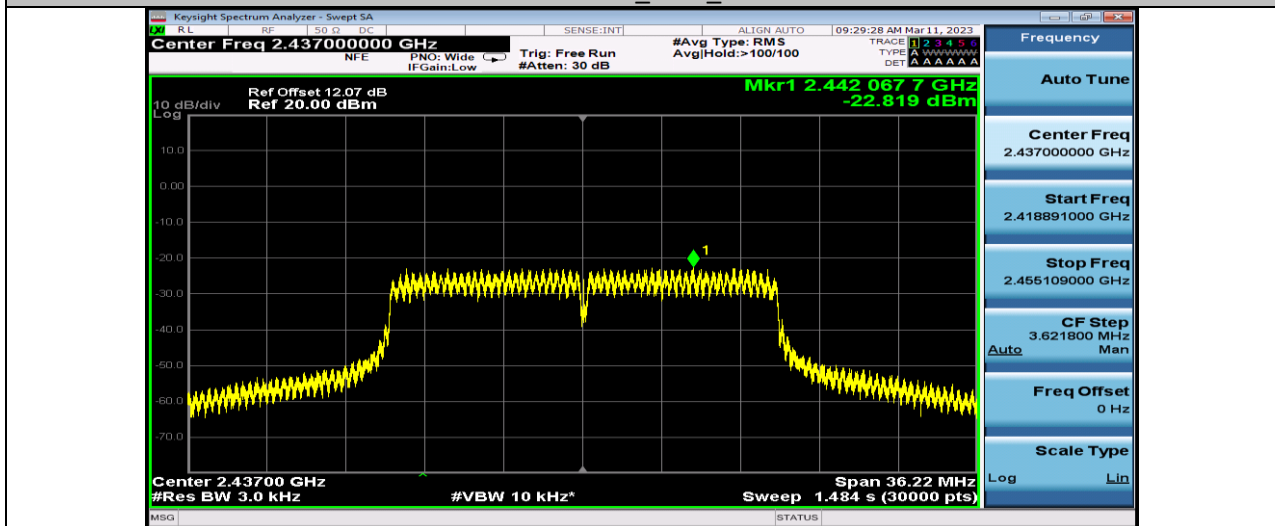
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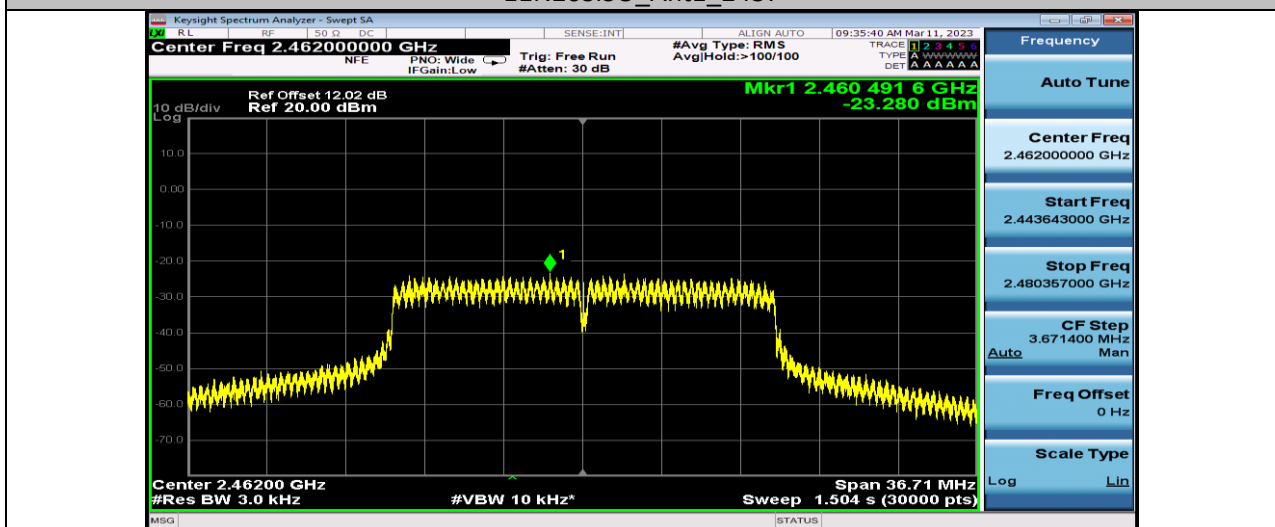
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

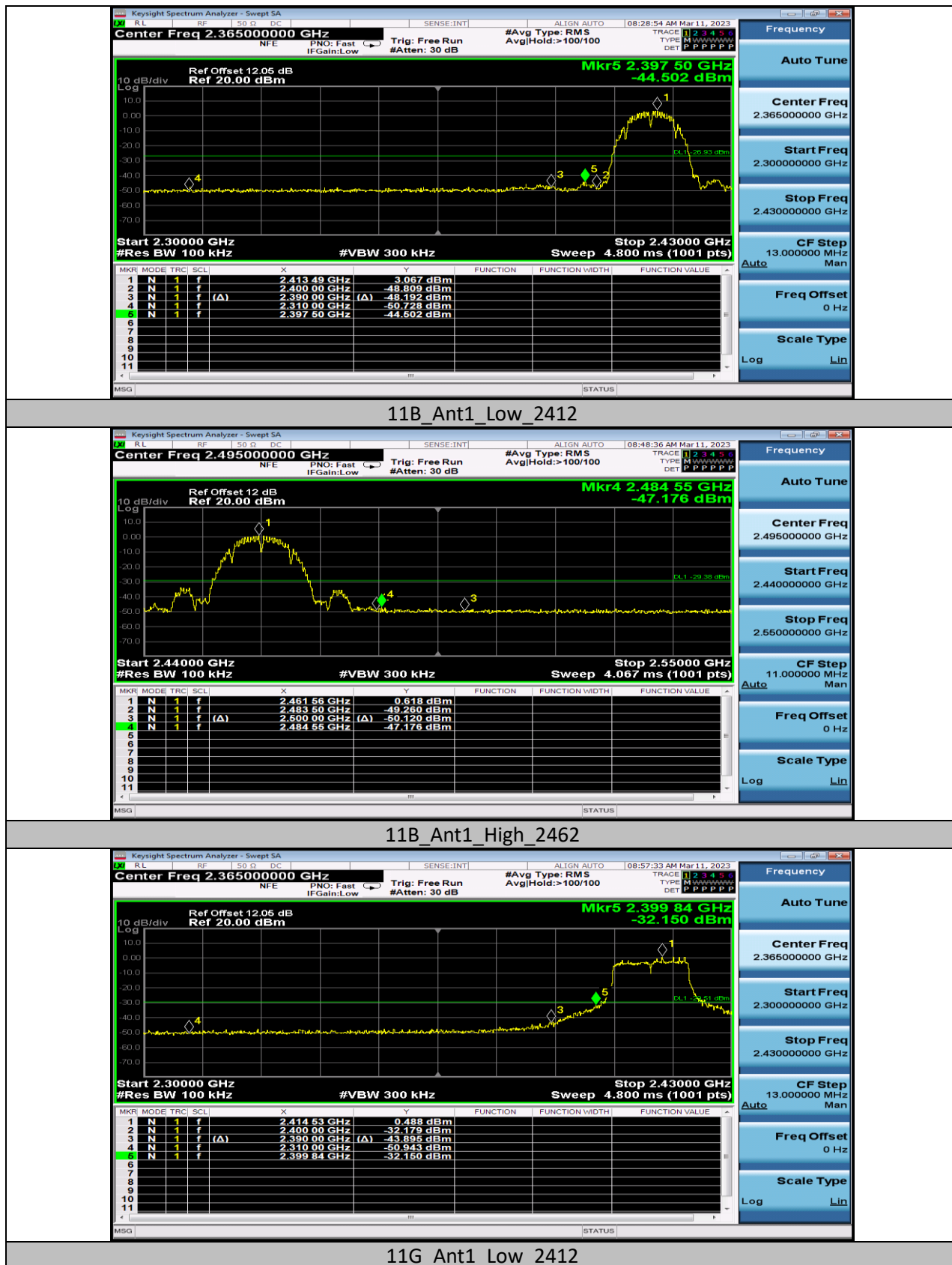


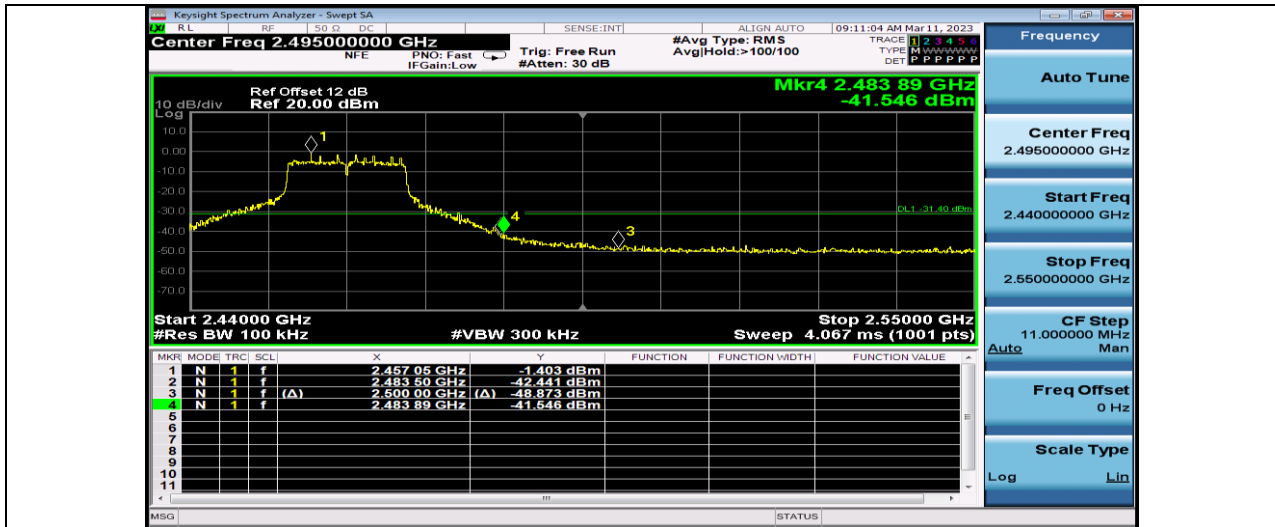
11N20SISO_Ant1_2462

Band edge measurements

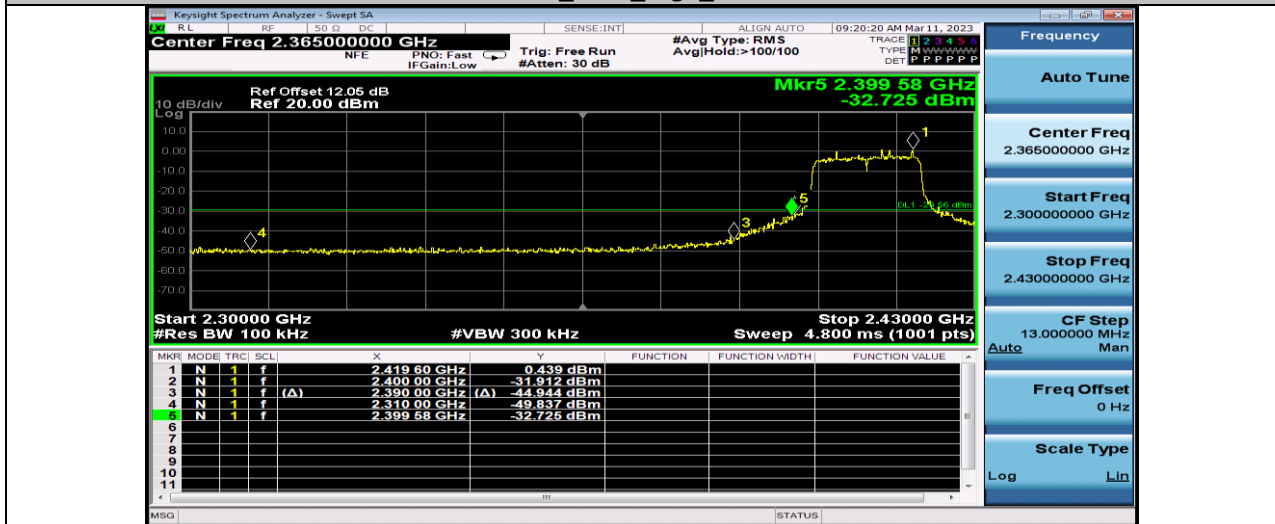
| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------------|----------------|--------------|-------------|---------|
| 11B | Ant1 | Low | 2412 | 3.07 | -44.50 | ≤-26.93 | PASS |
| | | High | 2462 | 0.62 | -47.18 | ≤-29.38 | PASS |
| 11G | Ant1 | Low | 2412 | 0.49 | -32.15 | ≤-29.51 | PASS |
| | | High | 2462 | -1.40 | -41.55 | ≤-31.4 | PASS |
| 11N20SISO | Ant1 | Low | 2412 | 0.44 | -32.73 | ≤-29.56 | PASS |
| | | High | 2462 | -1.76 | -39.06 | ≤-31.76 | PASS |

Test Graphs





11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

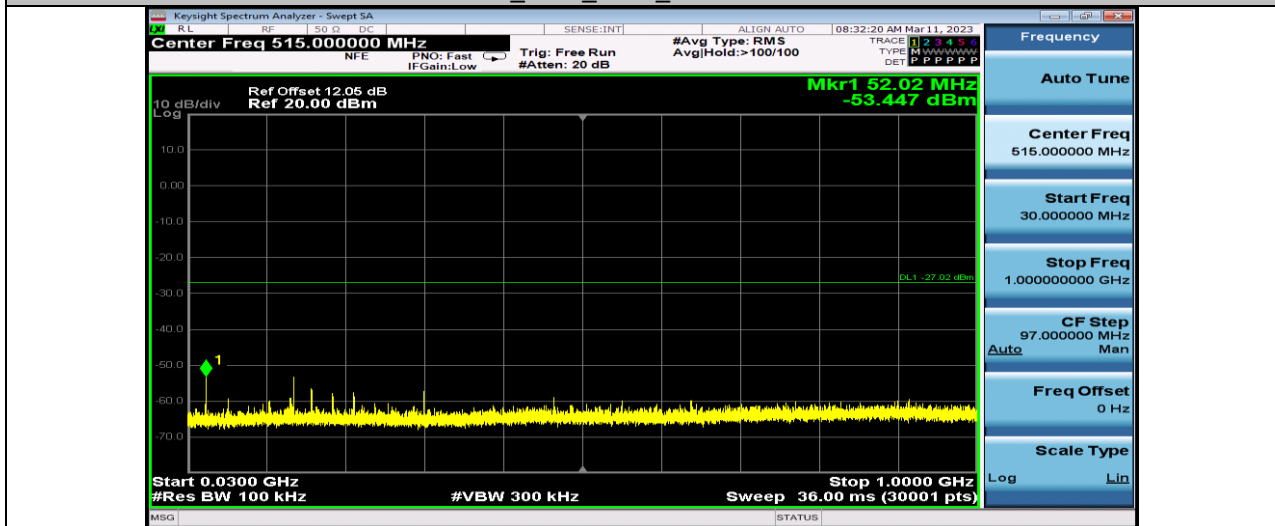
Conducted Spurious Emission

| Test Mode | Antenna | Frequency [MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-----------------|----------------|--------------|-------------|---------|
| 11B | Ant1 | 2412 | Reference | 2.98 | 2.98 | --- | PASS |
| | | | 30~1000 | 2.98 | -53.45 | ≤-27.02 | PASS |
| | | | 1000~26500 | 2.98 | -48.23 | ≤-27.02 | PASS |
| | | 2437 | Reference | 2.25 | 2.25 | --- | PASS |
| | | | 30~1000 | 2.25 | -52.85 | ≤-27.75 | PASS |
| | | | 1000~26500 | 2.25 | -42.23 | ≤-27.75 | PASS |
| | | 2462 | Reference | 0.48 | 0.48 | --- | PASS |
| | | | 30~1000 | 0.48 | -52.56 | ≤-29.52 | PASS |
| | | | 1000~26500 | 0.48 | -35.79 | ≤-29.52 | PASS |
| 11G | Ant1 | 2412 | Reference | 0.20 | 0.20 | --- | PASS |
| | | | 30~1000 | 0.20 | -52.33 | ≤-29.8 | PASS |
| | | | 1000~26500 | 0.20 | -49.75 | ≤-29.8 | PASS |
| | | 2437 | Reference | -0.29 | -0.29 | --- | PASS |
| | | | 30~1000 | -0.29 | -51.72 | ≤-30.29 | PASS |
| | | | 1000~26500 | -0.29 | -48.81 | ≤-30.29 | PASS |
| | | 2462 | Reference | -1.78 | -1.78 | --- | PASS |
| | | | 30~1000 | -1.78 | -51.79 | ≤-31.78 | PASS |
| | | | 1000~26500 | -1.78 | -43.77 | ≤-31.78 | PASS |
| 11N20SISO | Ant1 | 2412 | Reference | 0.60 | 0.60 | --- | PASS |
| | | | 30~1000 | 0.60 | -52.17 | ≤-29.4 | PASS |
| | | | 1000~26500 | 0.60 | -50.06 | ≤-29.4 | PASS |
| | | 2437 | Reference | -0.31 | -0.31 | --- | PASS |
| | | | 30~1000 | -0.31 | -52.18 | ≤-30.31 | PASS |
| | | | 1000~26500 | -0.31 | -48.96 | ≤-30.31 | PASS |
| | | 2462 | Reference | -1.46 | -1.46 | --- | PASS |
| | | | 30~1000 | -1.46 | -52.28 | ≤-31.46 | PASS |
| | | | 1000~26500 | -1.46 | -43.56 | ≤-31.46 | PASS |

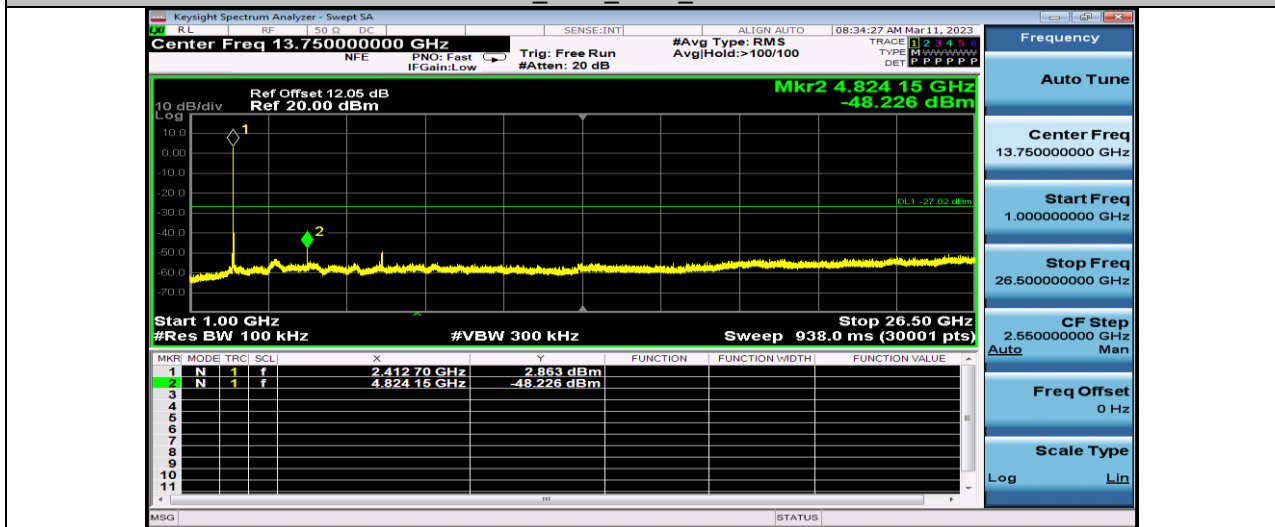
Test Graphs



11B_Ant1_2412_0~Reference



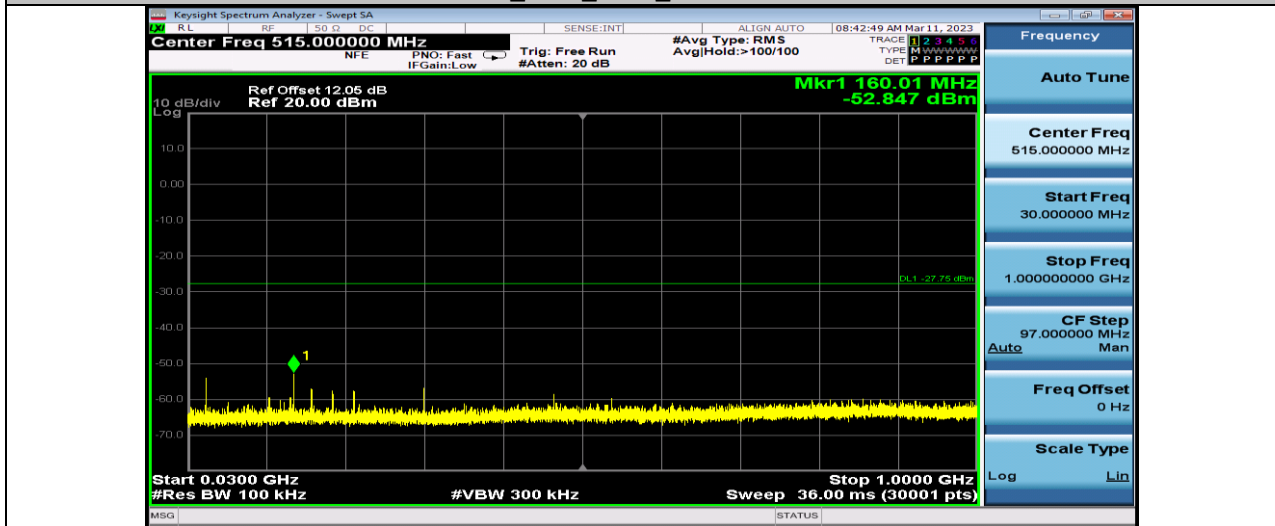
11B_Ant1_2412_30~1000



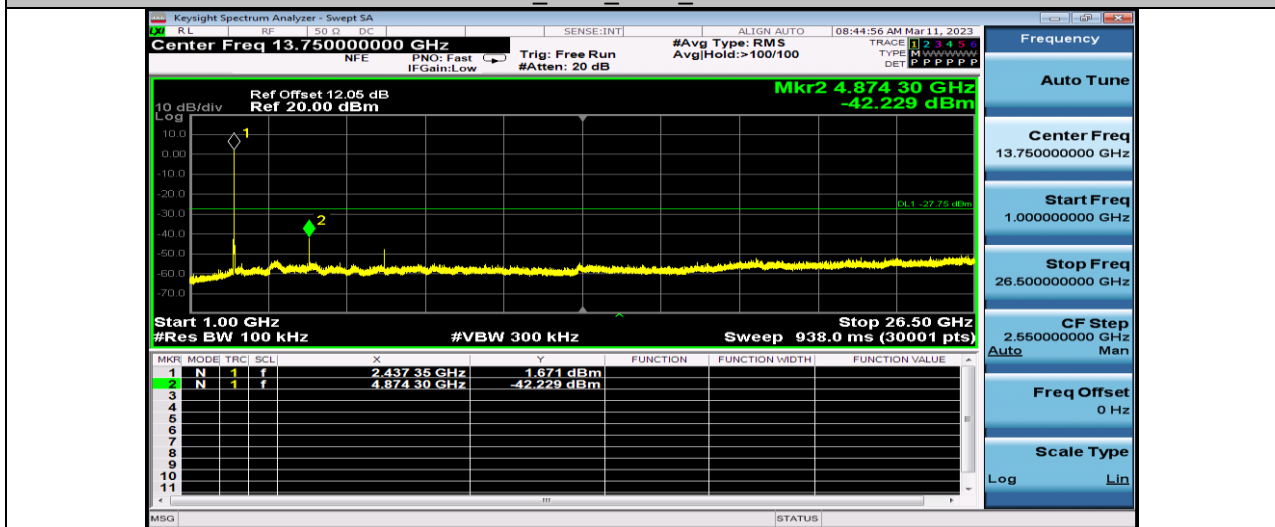
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



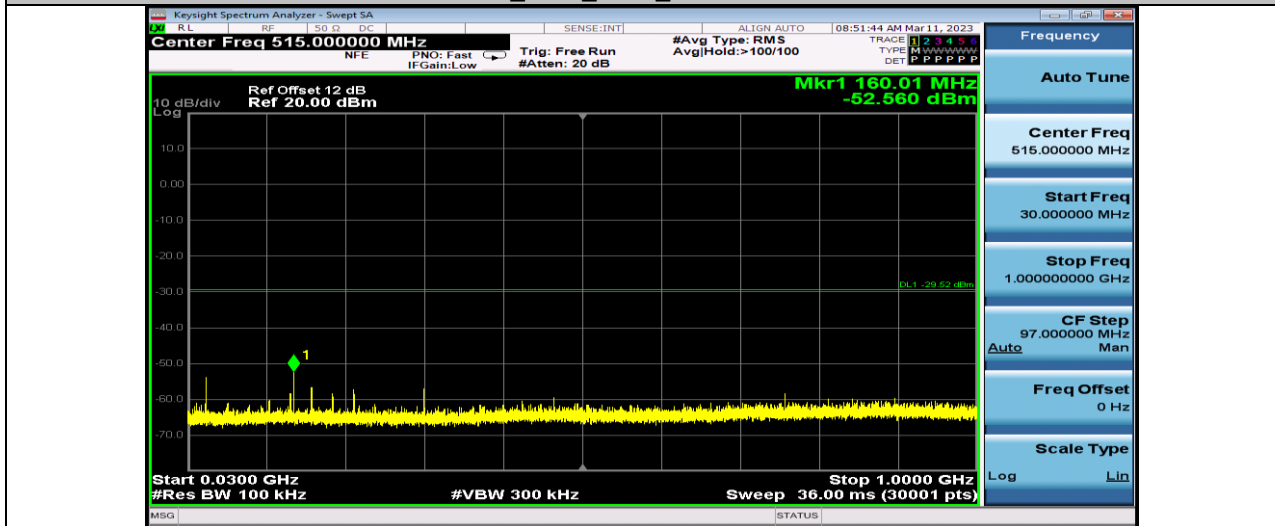
11B_Ant1_2437_30~1000



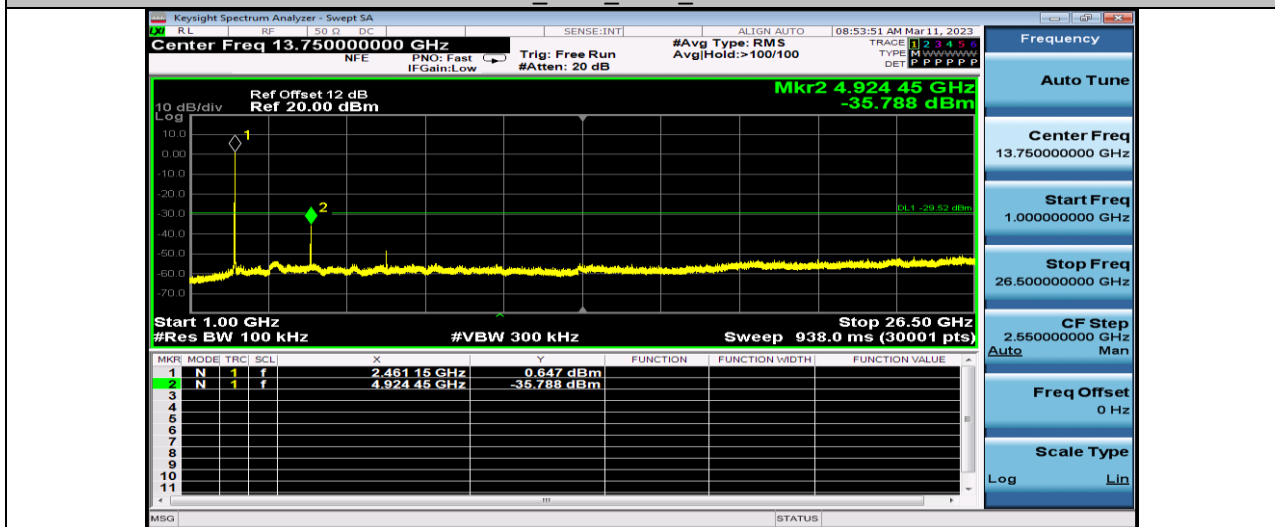
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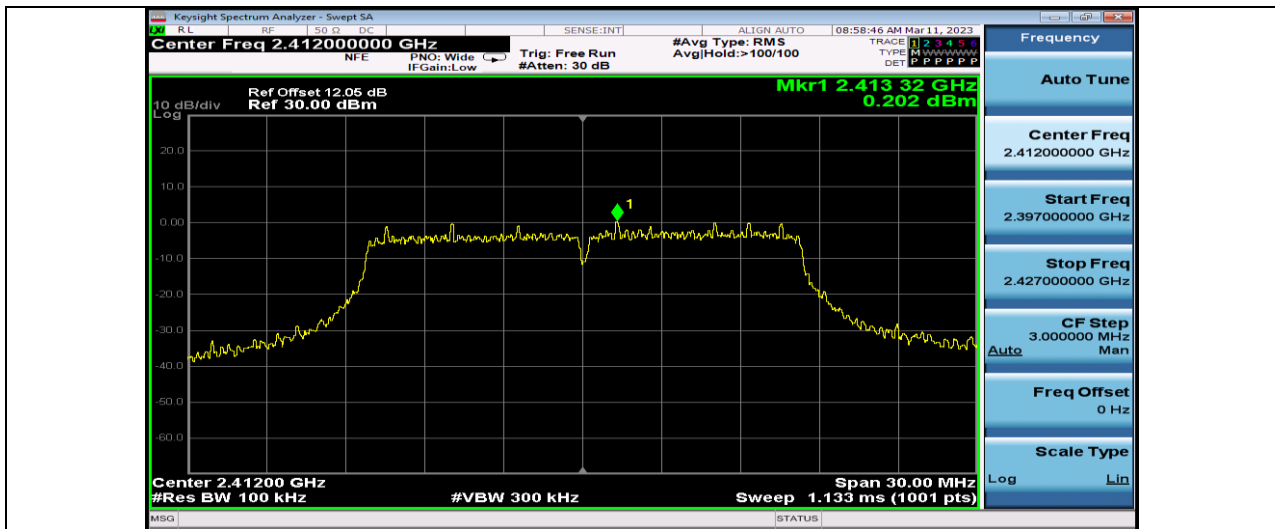
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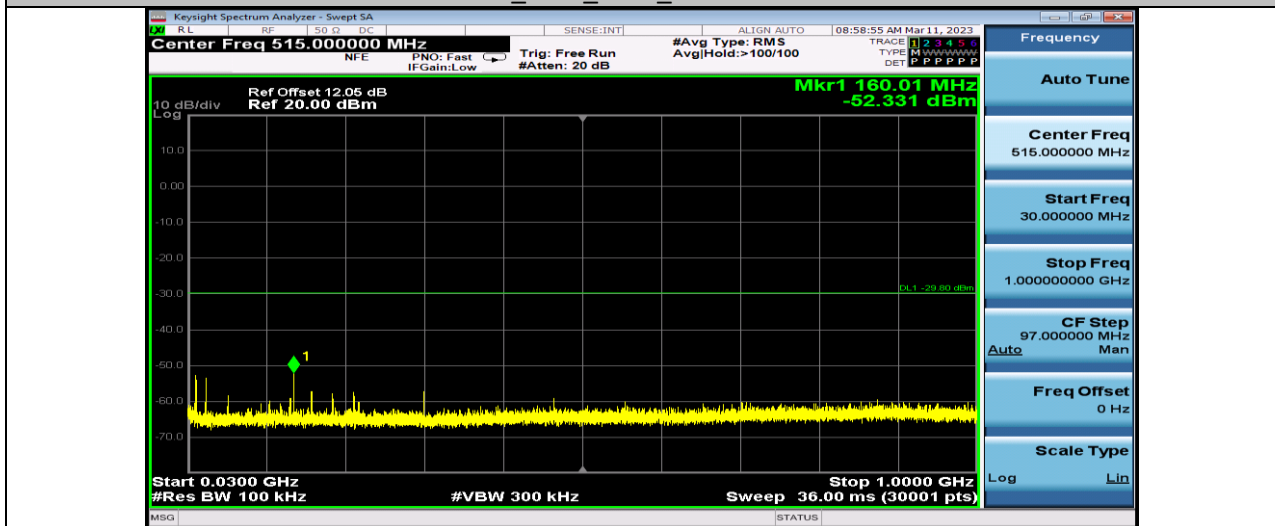
11B_Ant1_2462_30~1000



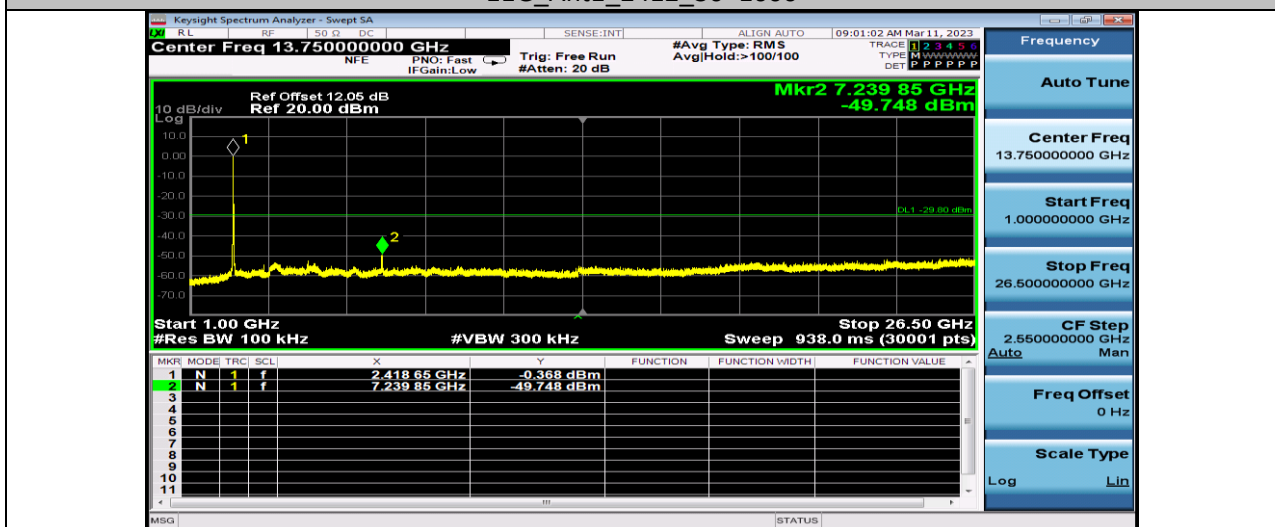
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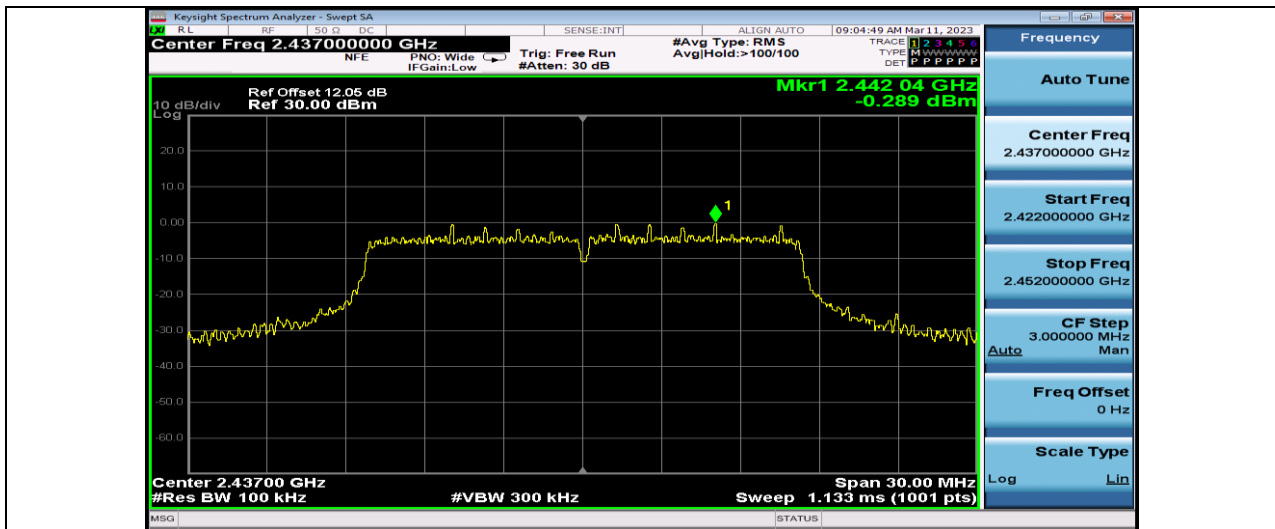
11G_Ant1_2412_0~Reference



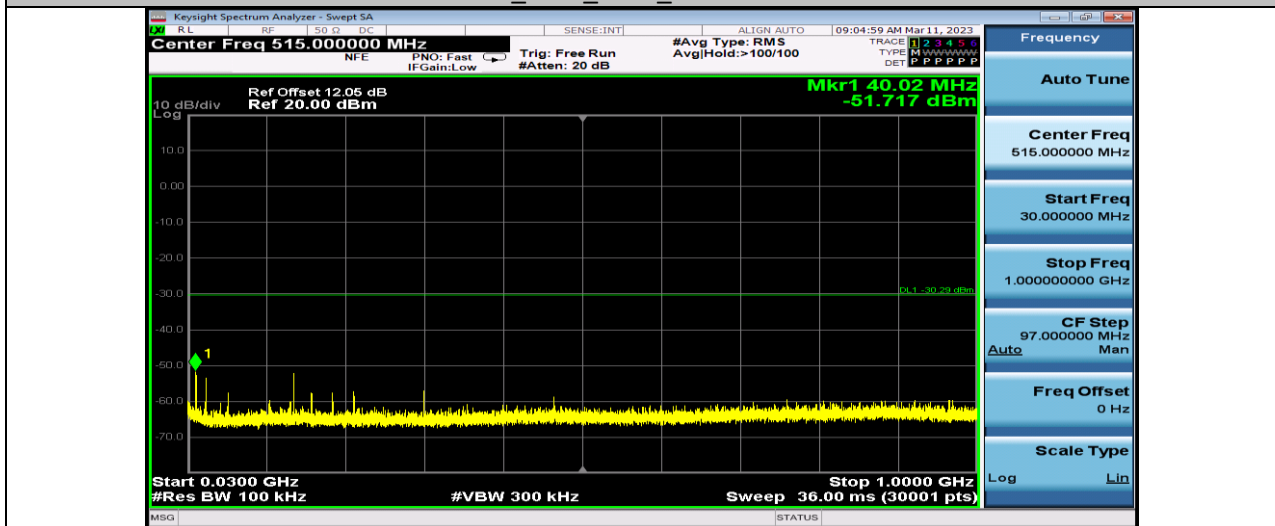
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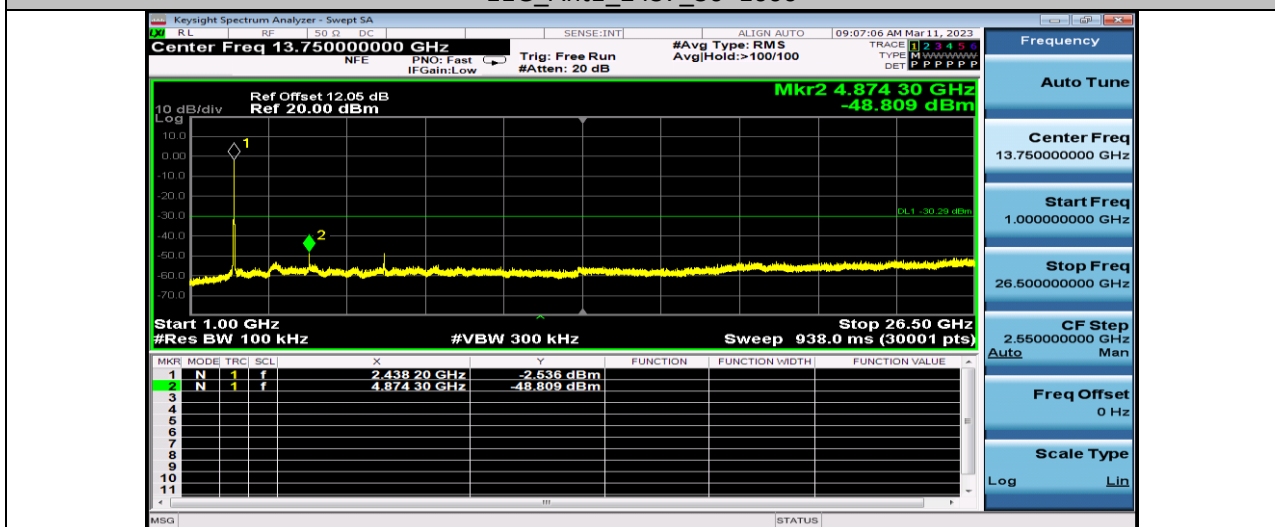
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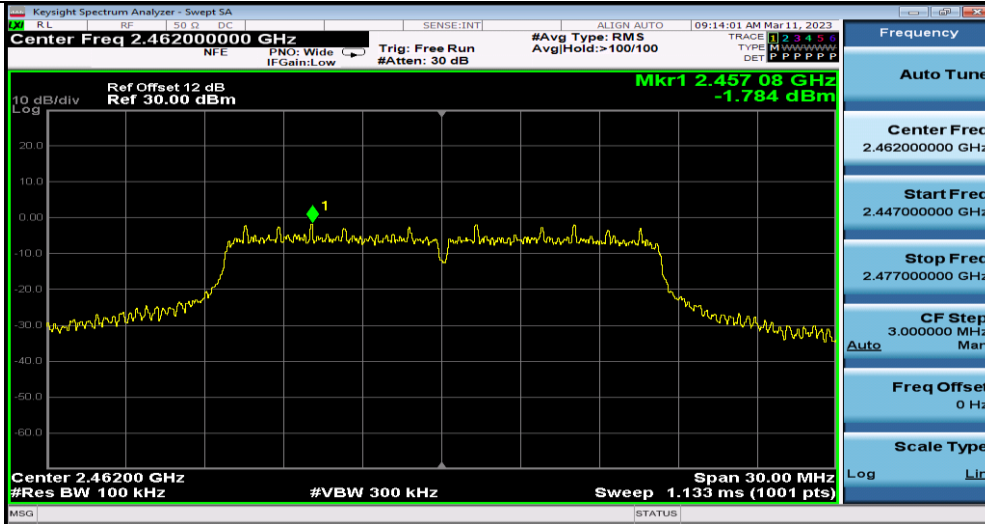
11G_Ant1_2437_0~Reference



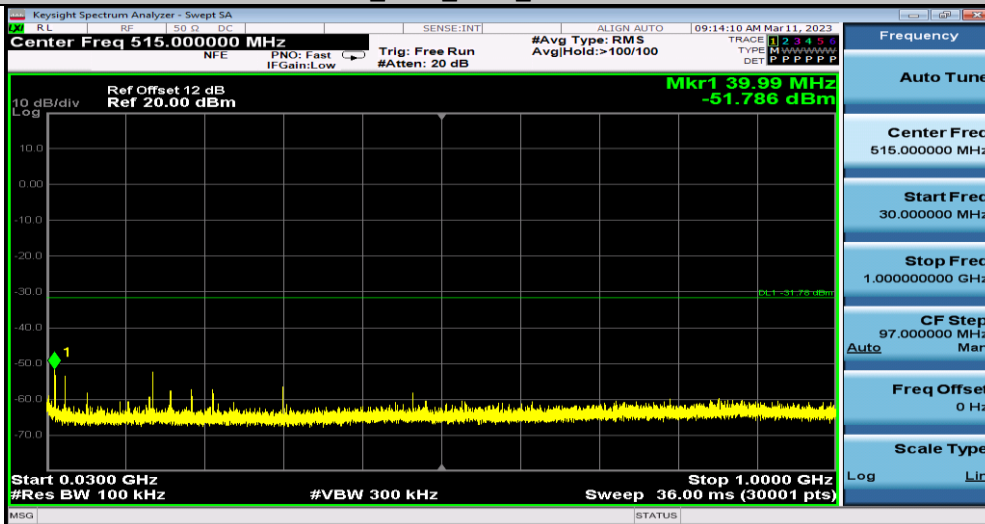
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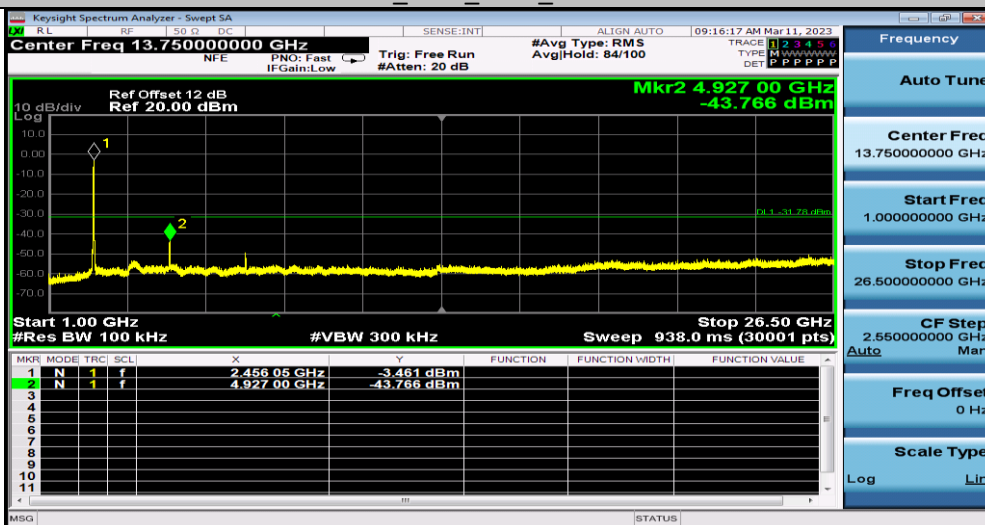
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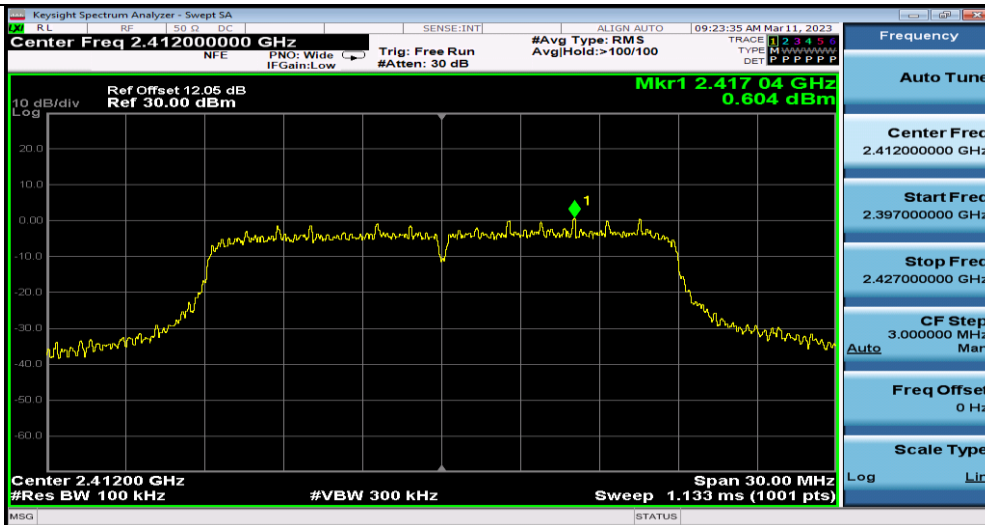
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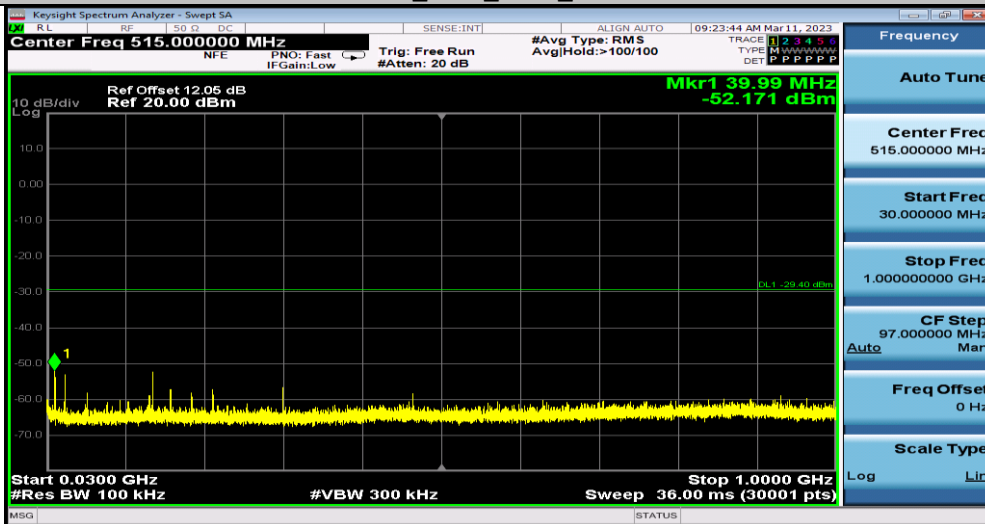
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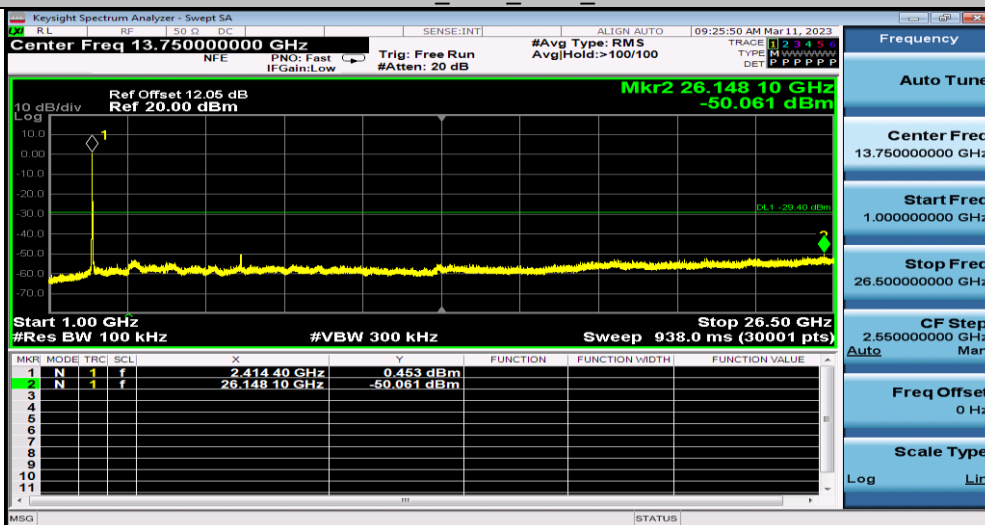
11G_Ant1_2462_1000~26500



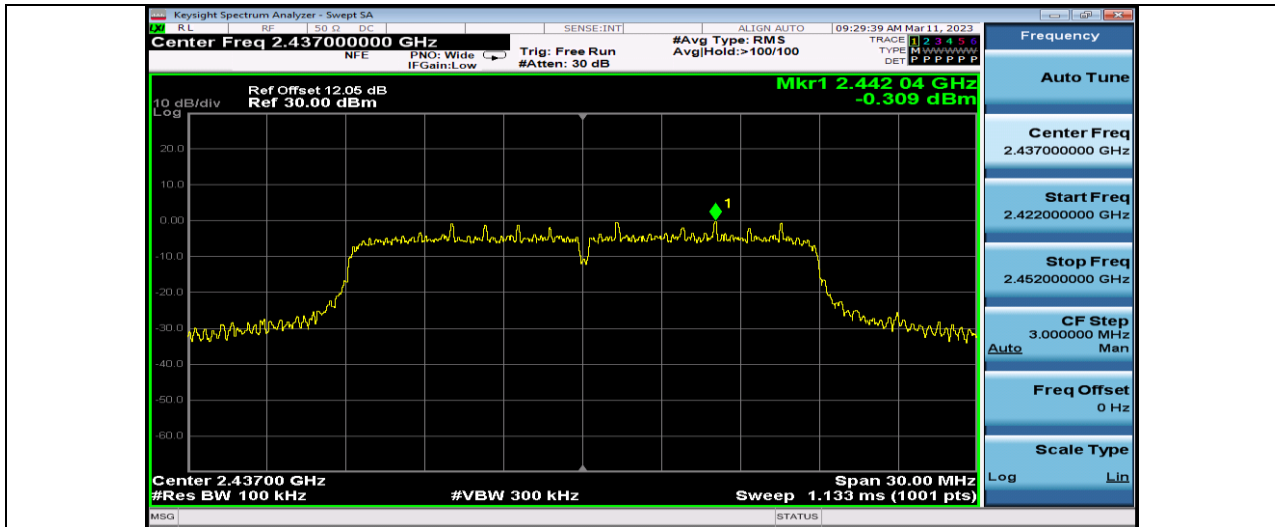
11N20SISO_Ant1_2412_0~Reference



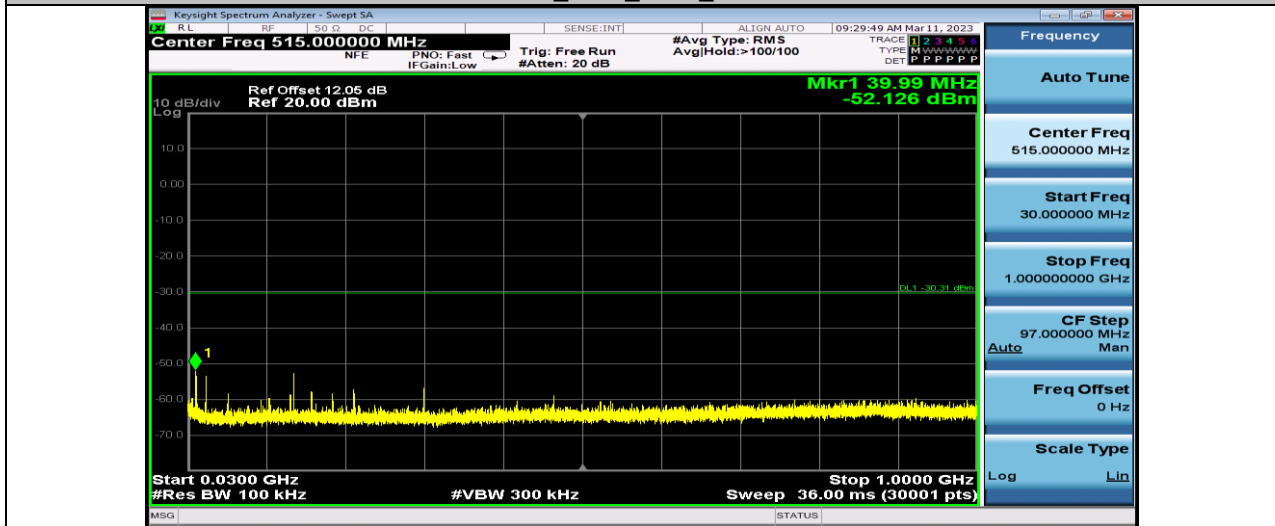
11N20SISO_Ant1_2412_30~1000



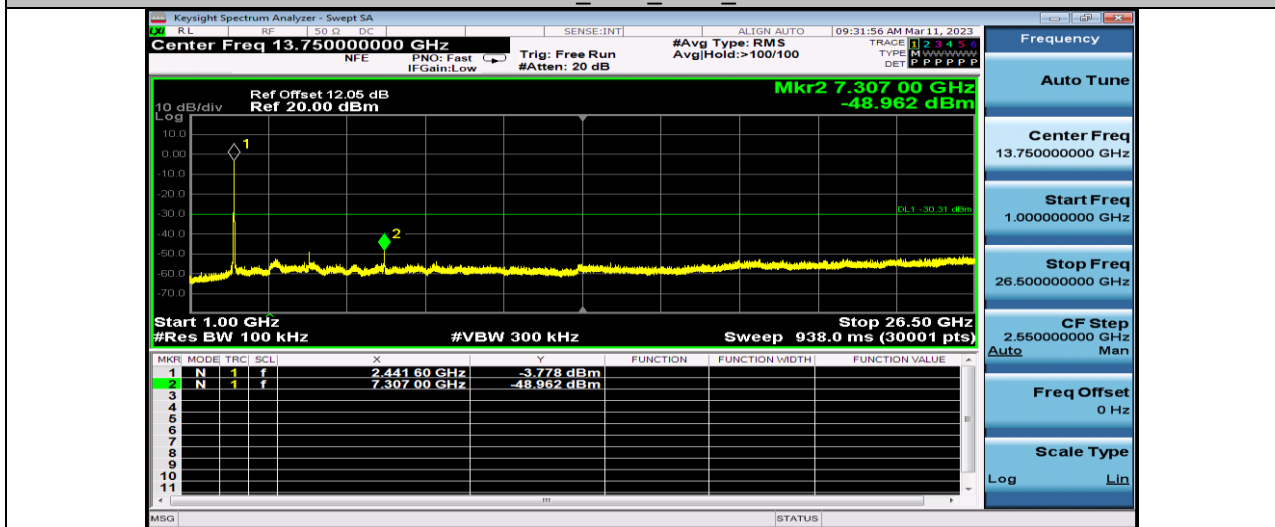
11N20SISO_Ant1_2412_1000~26500



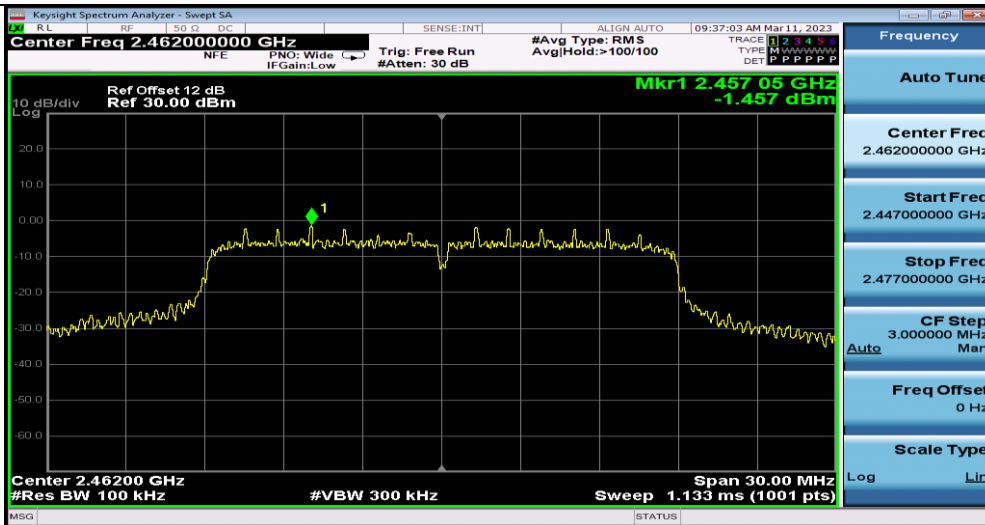
11N20SISO_Ant1_2437_0~Reference



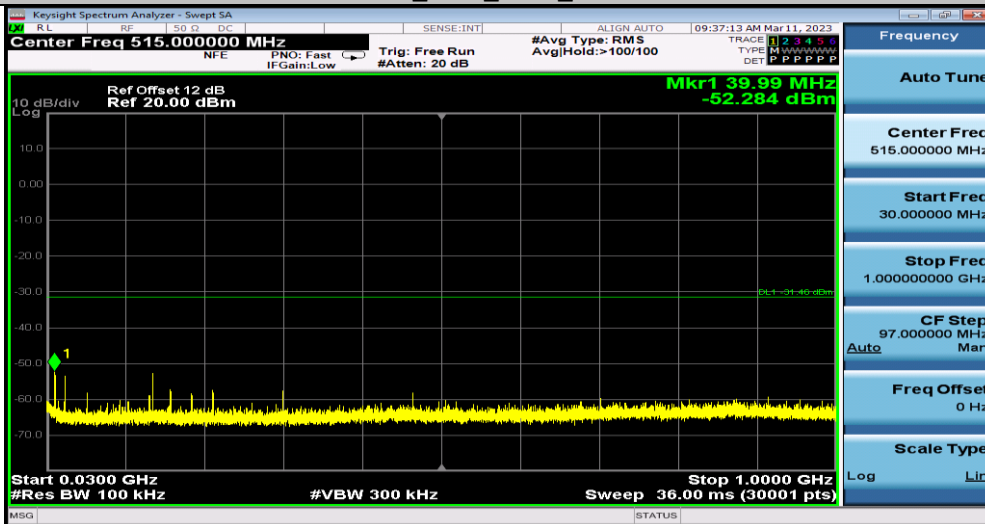
11N20SISO_Ant1_2437_30~1000



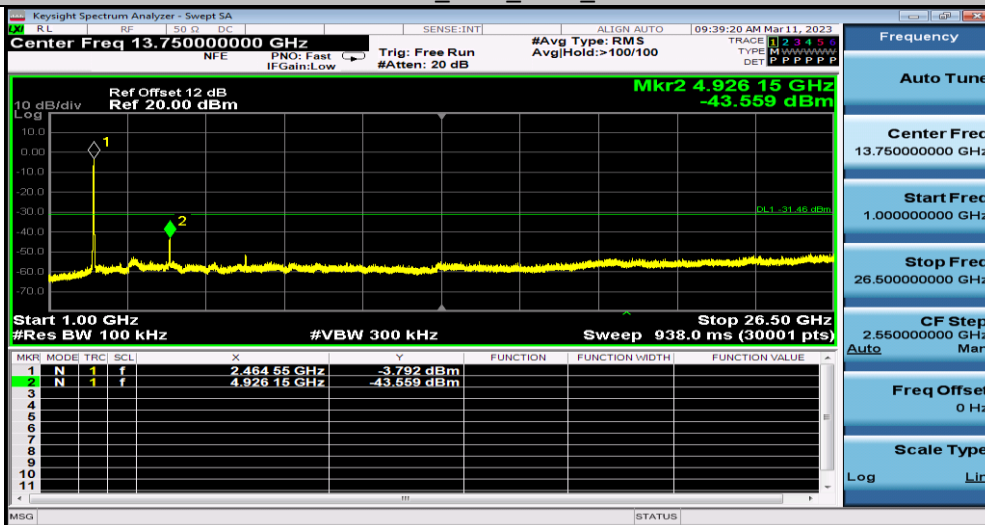
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000

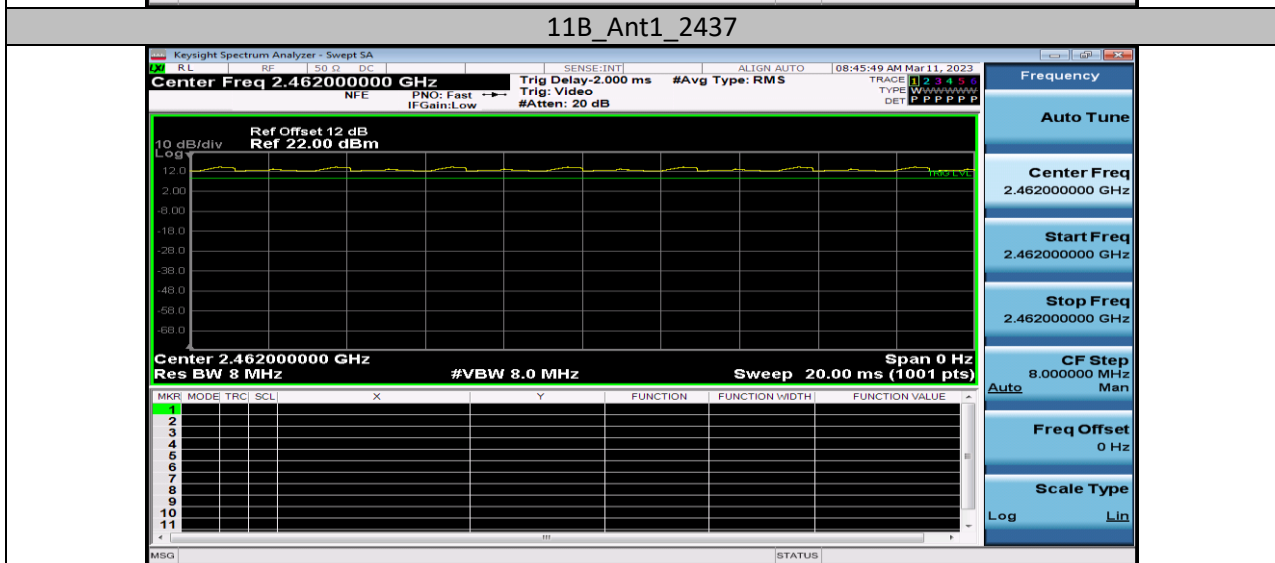
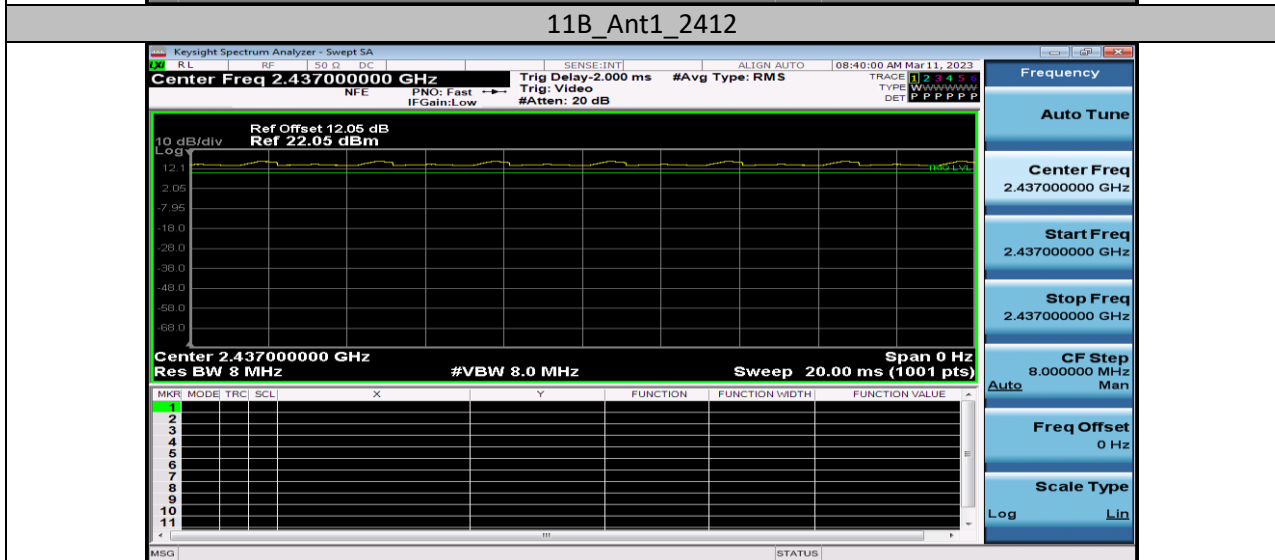
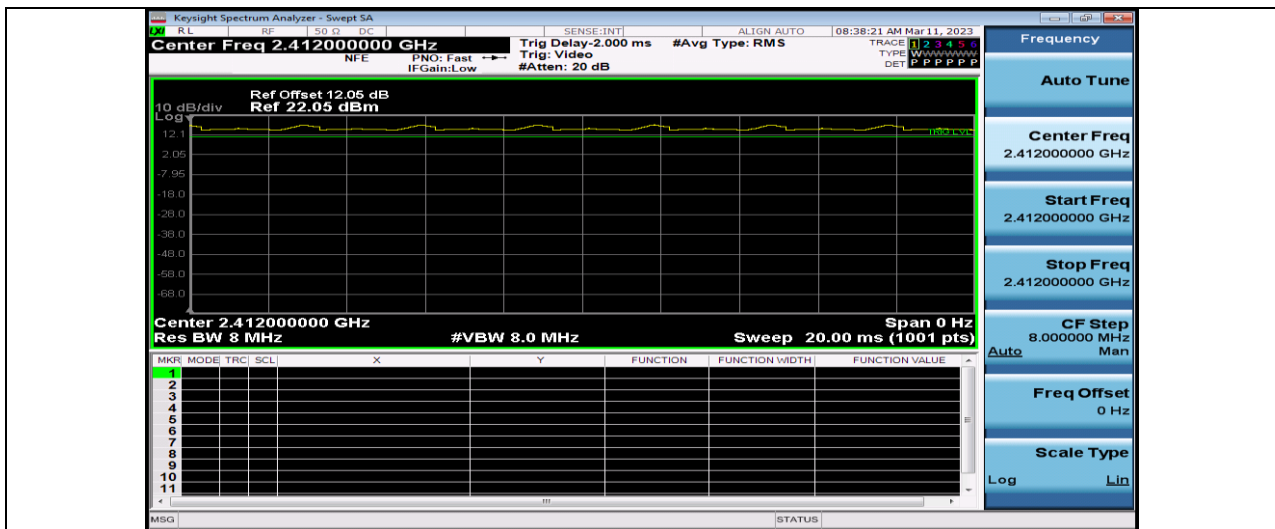


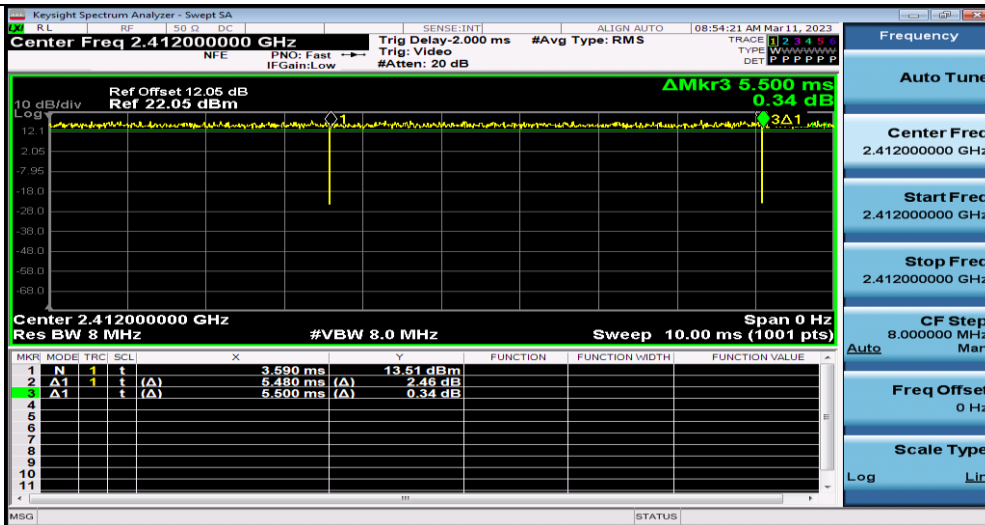
11N20SISO_Ant1_2462_1000~26500

Duty Cycle

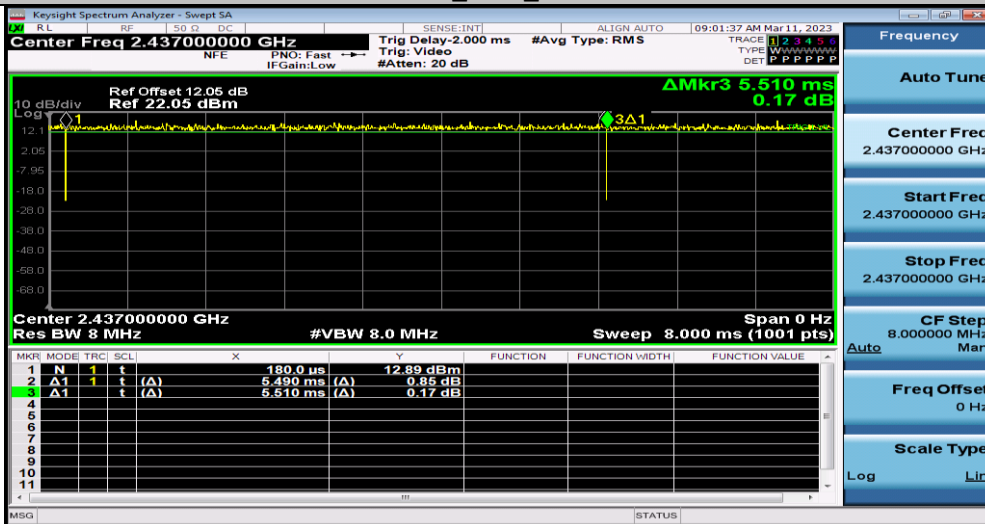
| Test Mode | Antenna | Frequency [MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|-----------|---------|-----------------|----------------------------|--------------------------|----------------|
| 11B | Ant1 | 2412 | 20.00 | 20.00 | 100.00 |
| | | 2437 | 20.00 | 20.00 | 100.00 |
| | | 2462 | 20.00 | 20.00 | 100.00 |
| 11G | Ant1 | 2412 | 5.48 | 5.50 | 99.64 |
| | | 2437 | 5.49 | 5.51 | 99.64 |
| | | 2462 | 20.00 | 20.00 | 100.00 |
| 11N20SISO | Ant1 | 2412 | 20.00 | 20.00 | 100.00 |
| | | 2437 | 5.08 | 5.10 | 99.61 |
| | | 2462 | 5.08 | 5.10 | 99.61 |

Test Graphs

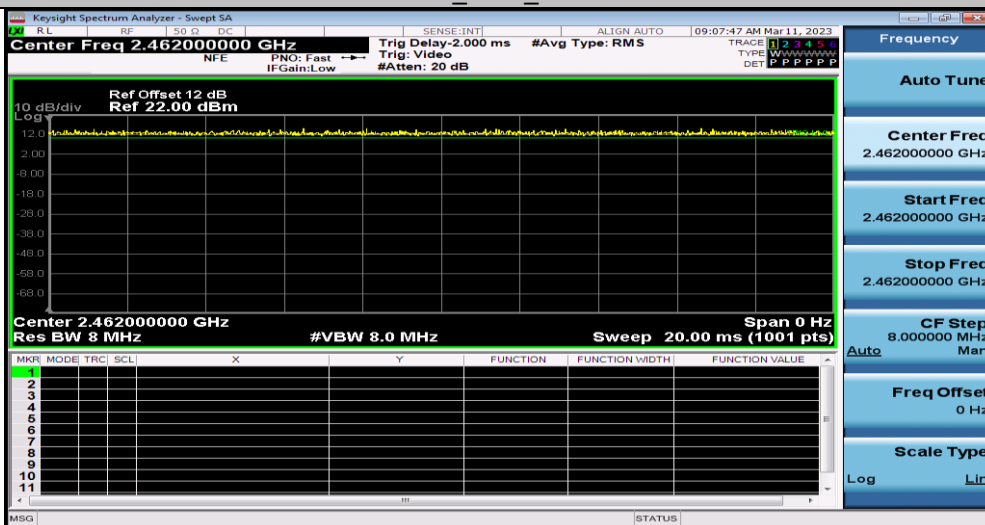




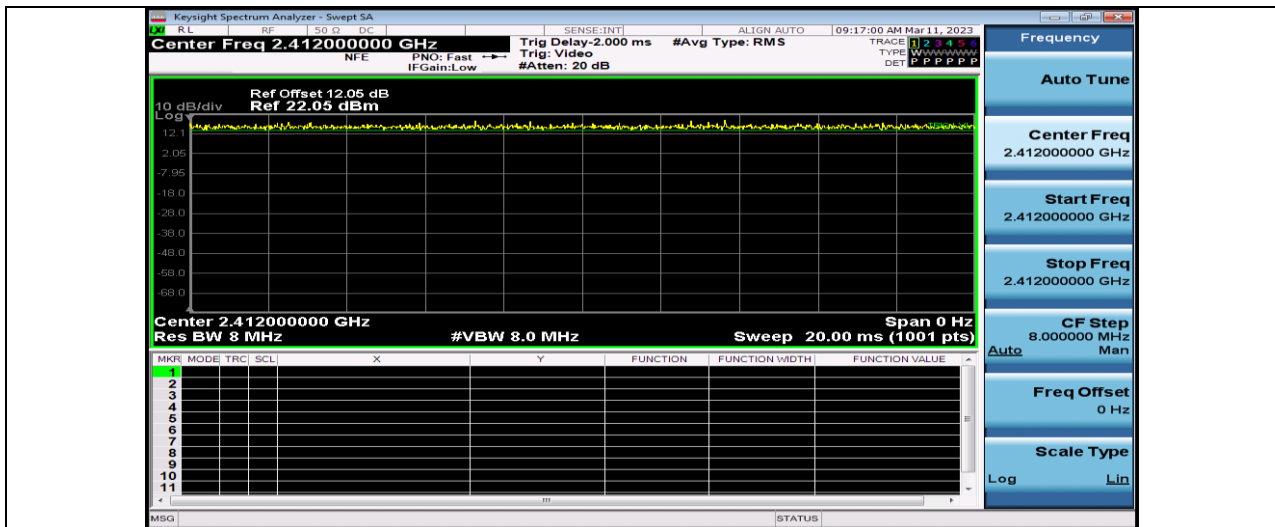
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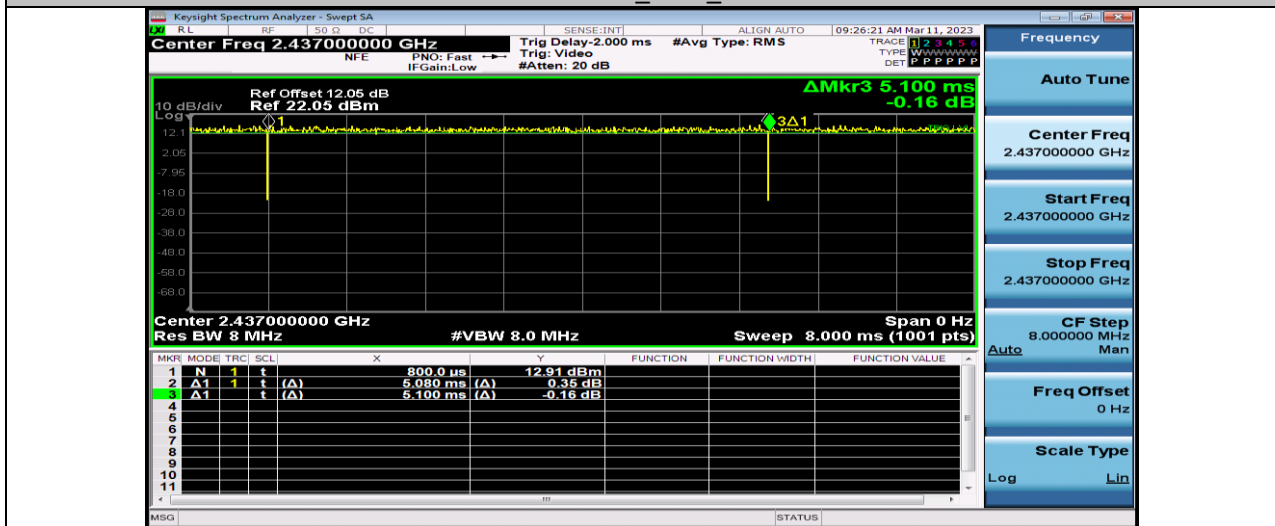
11G_Ant1_2437



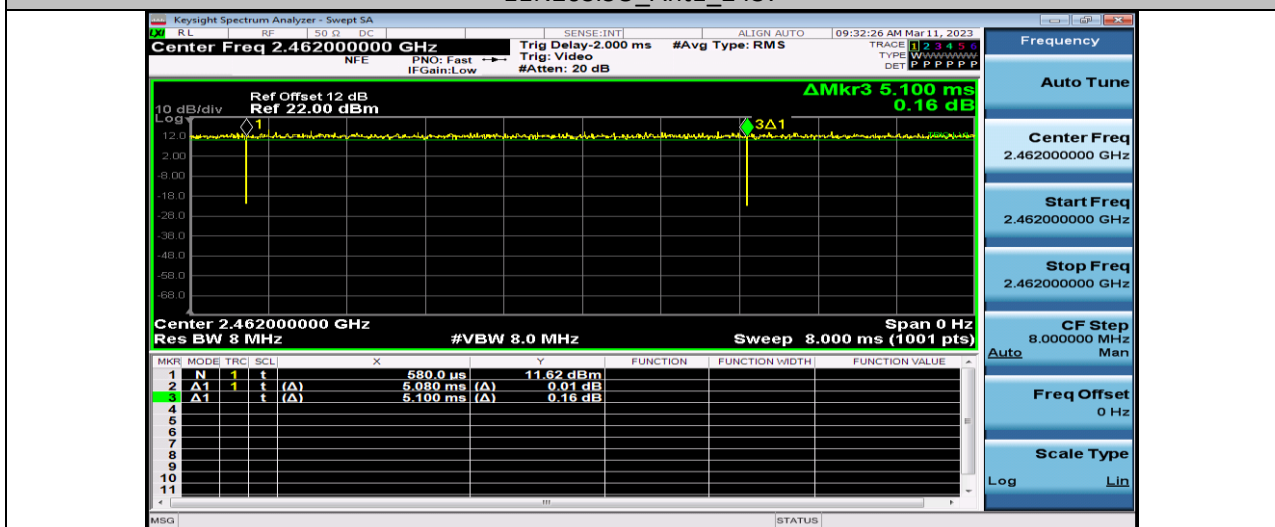
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

***** END *****