

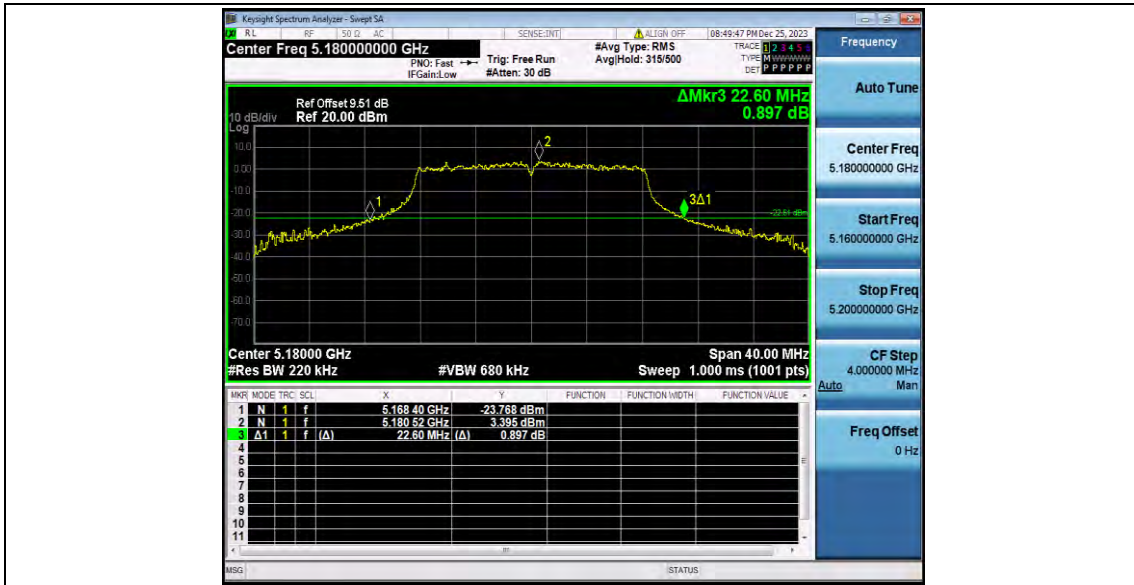
| |
|--|
| Case No. : <u>GTS20231018011-1-41</u> |
| Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa, |
| Test Date: <u>2023.12.25</u> Test Engineer: <u>Evan ouyang</u> |

Appendix D.1: Emission Bandwidth

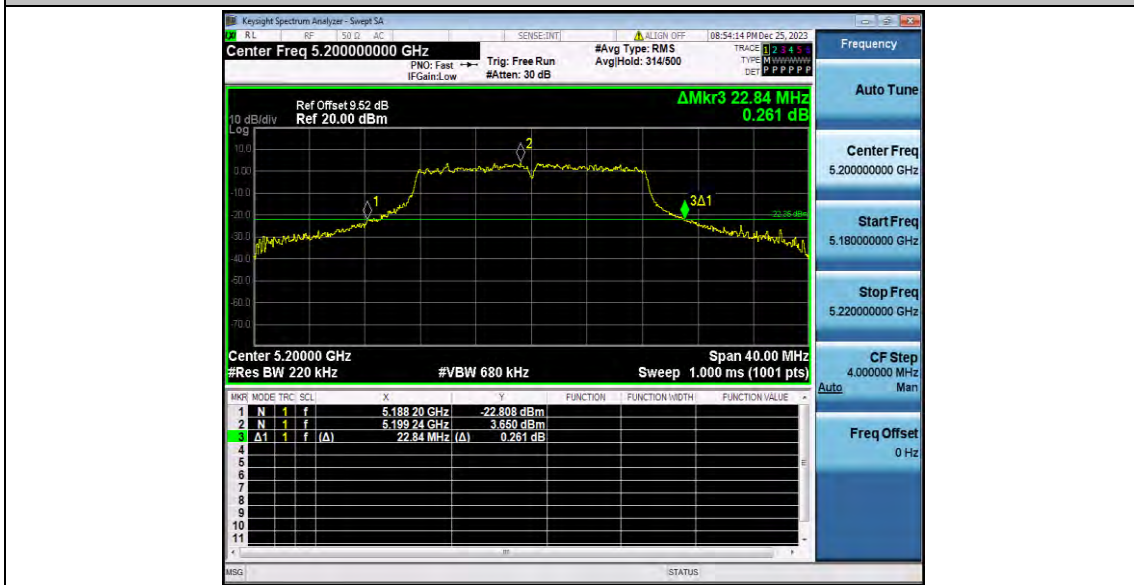
Test Result

| Test Mode | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 22.600 | 5168.400 | 5191.000 | --- | --- |
| | | 5200 | 22.840 | 5188.200 | 5211.040 | --- | --- |
| | | 5240 | 19.360 | 5230.360 | 5249.720 | --- | --- |
| 11N20SISO | Ant1 | 5180 | 26.120 | 5167.320 | 5193.440 | --- | --- |
| | | 5200 | 26.200 | 5187.280 | 5213.480 | --- | --- |
| | | 5240 | 19.560 | 5230.240 | 5249.800 | --- | --- |
| 11N40SISO | Ant1 | 5190 | 39.440 | 5170.320 | 5209.760 | --- | --- |
| | | 5230 | 39.760 | 5210.400 | 5250.160 | --- | --- |
| 11AC20SISO | Ant1 | 5180 | 22.680 | 5168.840 | 5191.520 | --- | --- |
| | | 5200 | 22.720 | 5188.600 | 5211.320 | --- | --- |
| | | 5240 | 20.200 | 5229.960 | 5250.160 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 39.600 | 5170.560 | 5210.160 | --- | --- |
| | | 5230 | 39.840 | 5210.320 | 5250.160 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 79.680 | 5170.320 | 5250.000 | --- | --- |
| 11AX20SISO | Ant1 | 5180 | 25.280 | 5167.680 | 5192.960 | --- | --- |
| | | 5200 | 22.920 | 5188.560 | 5211.480 | --- | --- |
| | | 5240 | 19.840 | 5230.120 | 5249.960 | --- | --- |
| 11AX40SISO | Ant1 | 5190 | 39.840 | 5170.080 | 5209.920 | --- | --- |
| | | 5230 | 39.840 | 5210.080 | 5249.920 | --- | --- |
| 11AX80SISO | Ant1 | 5210 | 80.480 | 5169.840 | 5250.320 | --- | --- |

Test Graphs



11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



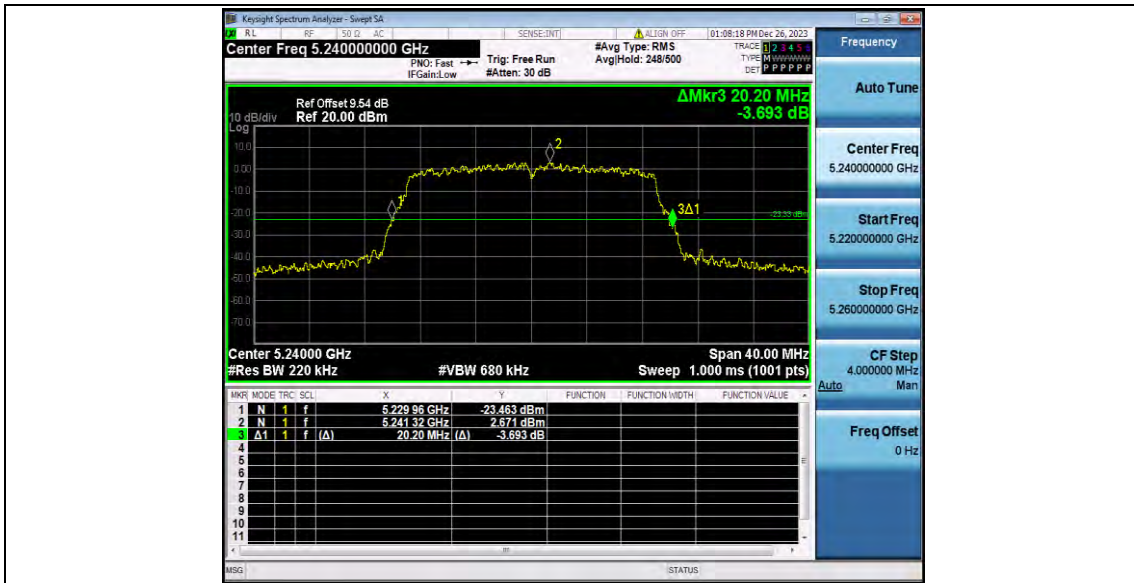
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



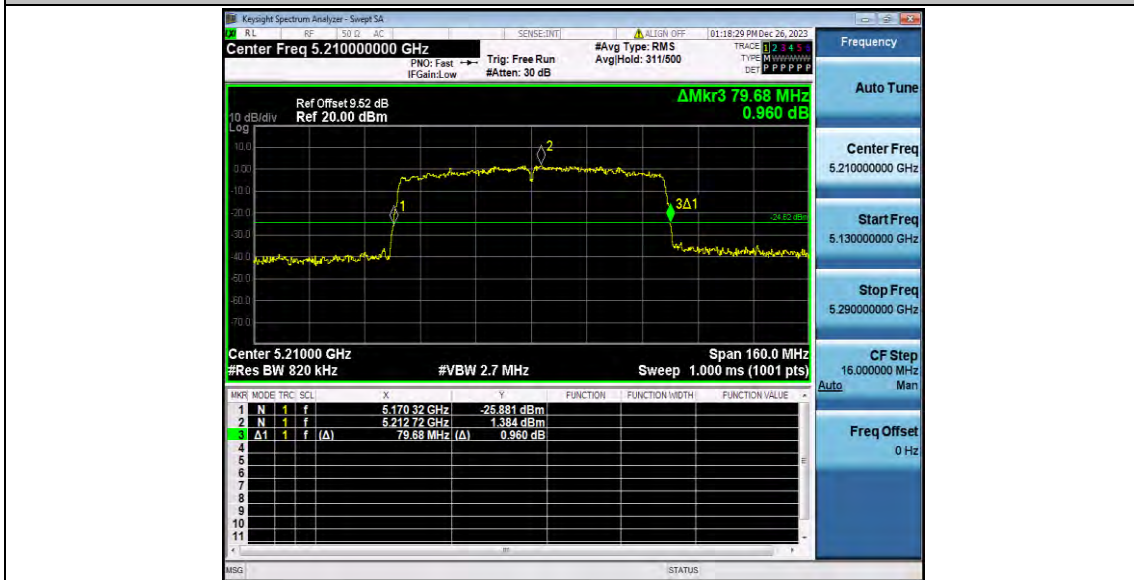
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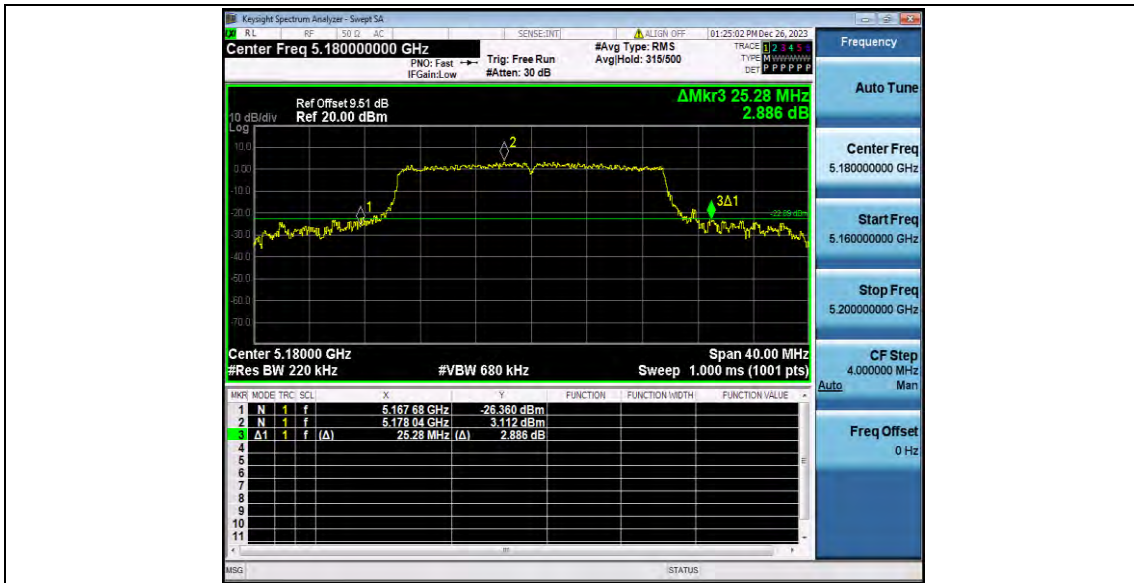
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11AC40SISO_Ant1_5230



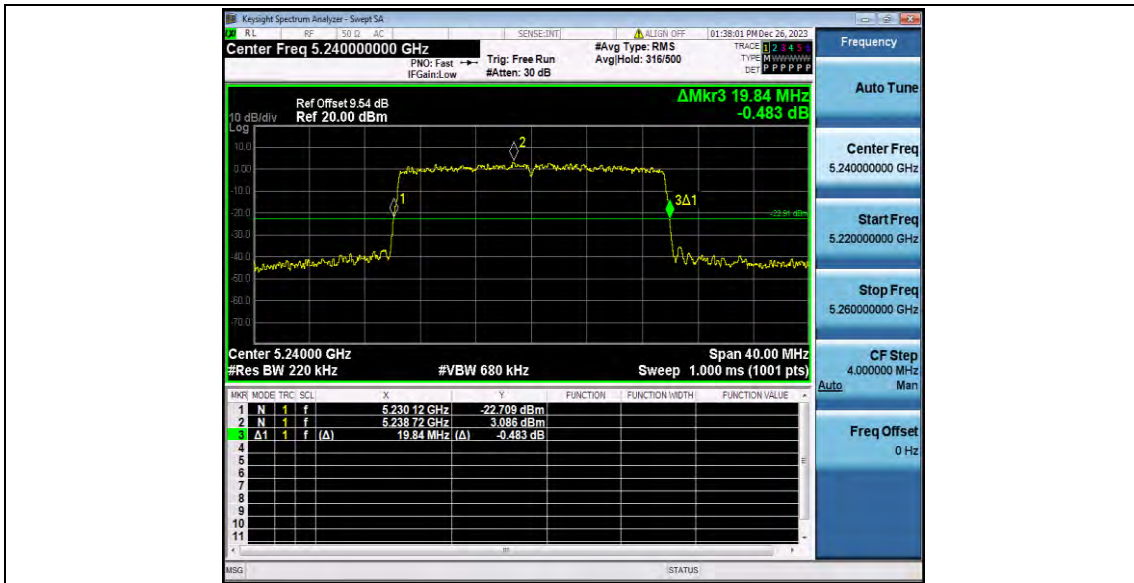
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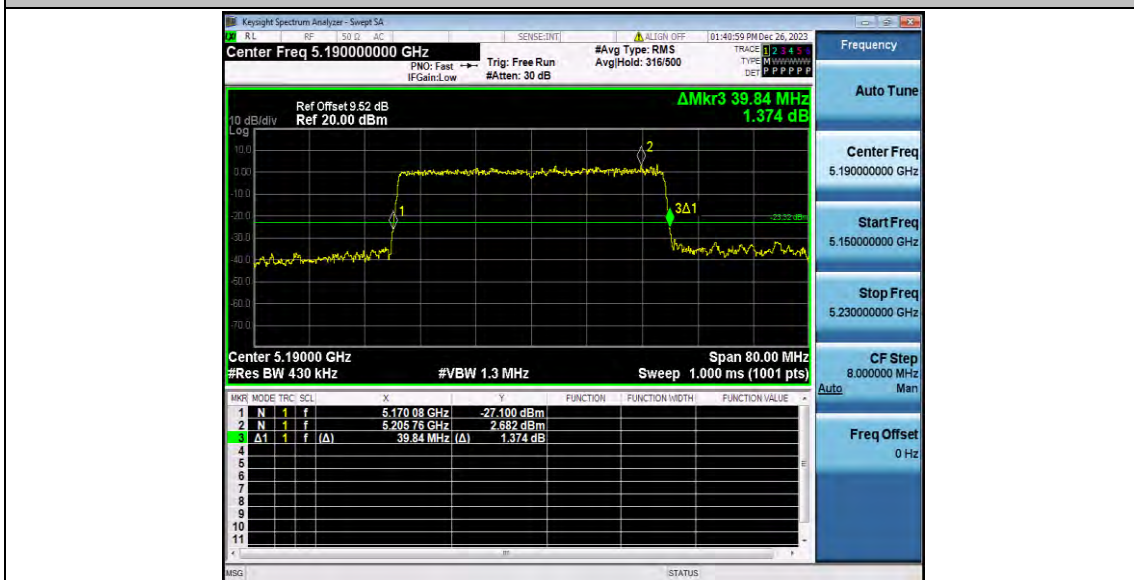
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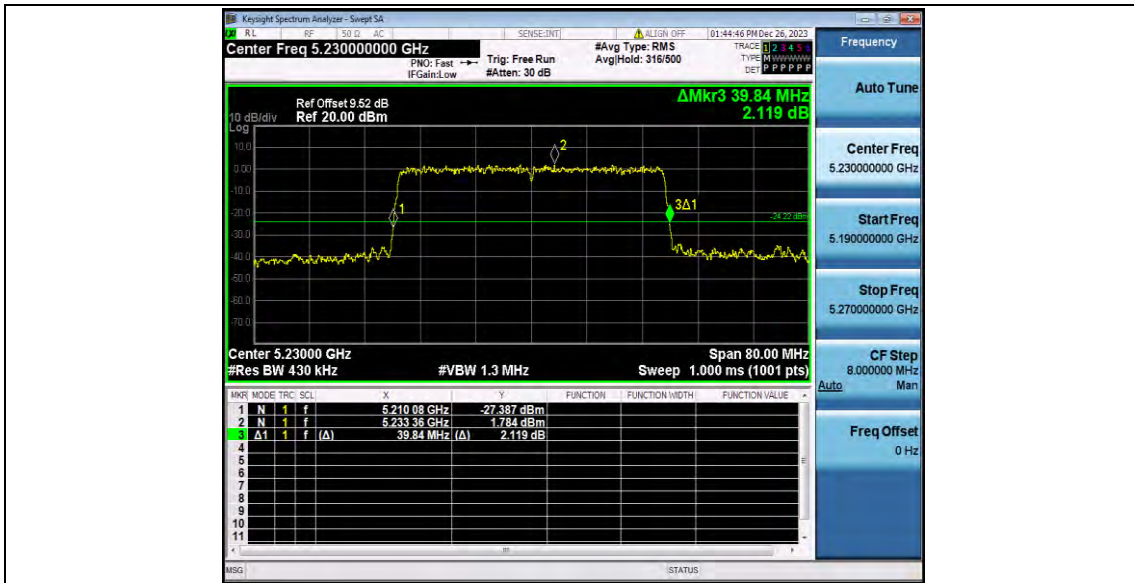
11AX20SISO_Ant1_5200



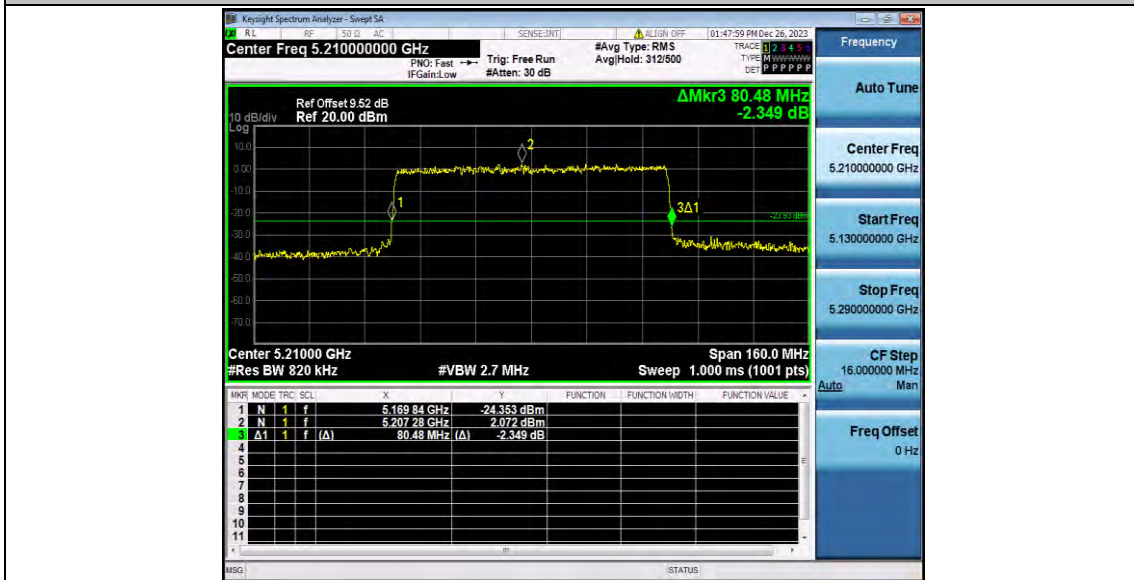
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

Appendix D.2: Occupied channel bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 17.340 | 5171.300 | 5188.640 | --- | --- |
| | | 5200 | 17.370 | 5191.297 | 5208.667 | --- | --- |
| | | 5240 | 16.709 | 5231.641 | 5248.350 | --- | --- |
| 11N20SISO | Ant1 | 5180 | 18.574 | 5170.730 | 5189.304 | --- | --- |
| | | 5200 | 18.678 | 5190.703 | 5209.381 | --- | --- |
| | | 5240 | 16.774 | 5231.607 | 5248.381 | --- | --- |
| 11N40SISO | Ant1 | 5190 | 35.943 | 5172.132 | 5208.075 | --- | --- |
| | | 5230 | 35.938 | 5212.133 | 5248.071 | --- | --- |
| 11AC20SISO | Ant1 | 5180 | 18.216 | 5170.888 | 5189.104 | --- | --- |
| | | 5200 | 18.258 | 5190.896 | 5209.154 | --- | --- |
| | | 5240 | 17.799 | 5231.117 | 5248.916 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 35.928 | 5172.132 | 5208.060 | --- | --- |
| | | 5230 | 35.895 | 5212.113 | 5248.008 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 75.327 | 5172.518 | 5247.845 | --- | --- |
| 11AX20SISO | Ant1 | 5180 | 19.251 | 5170.430 | 5189.681 | --- | --- |
| | | 5200 | 19.174 | 5190.470 | 5209.644 | --- | --- |
| | | 5240 | 18.909 | 5230.584 | 5249.493 | --- | --- |
| 11AX40SISO | Ant1 | 5190 | 37.938 | 5171.088 | 5209.026 | --- | --- |
| | | 5230 | 37.878 | 5211.118 | 5248.996 | --- | --- |
| 11AX80SISO | Ant1 | 5210 | 77.775 | 5171.284 | 5249.059 | --- | --- |

Test Graphs



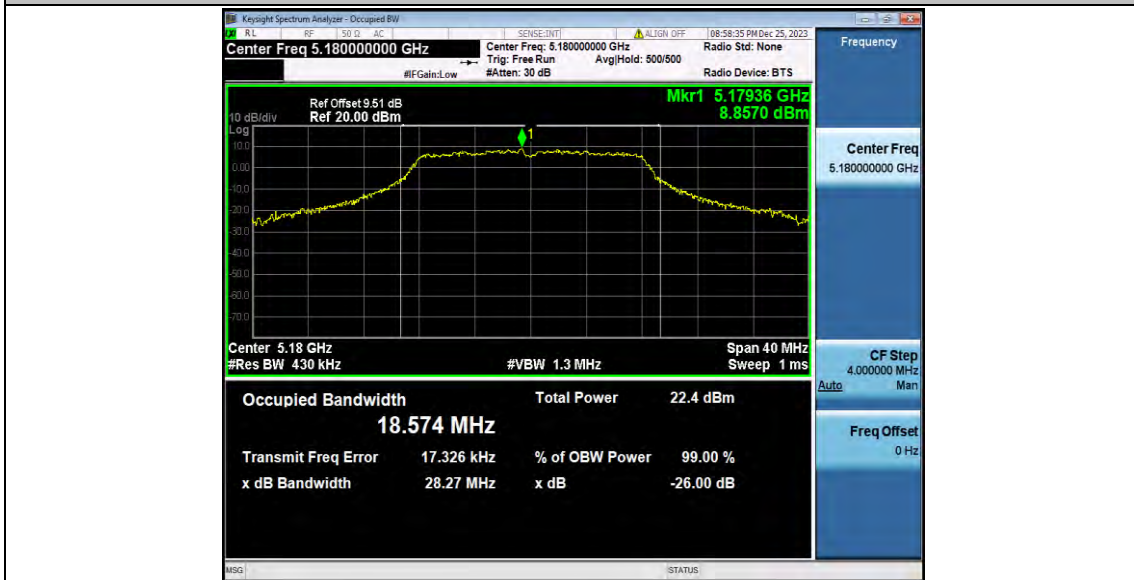
11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



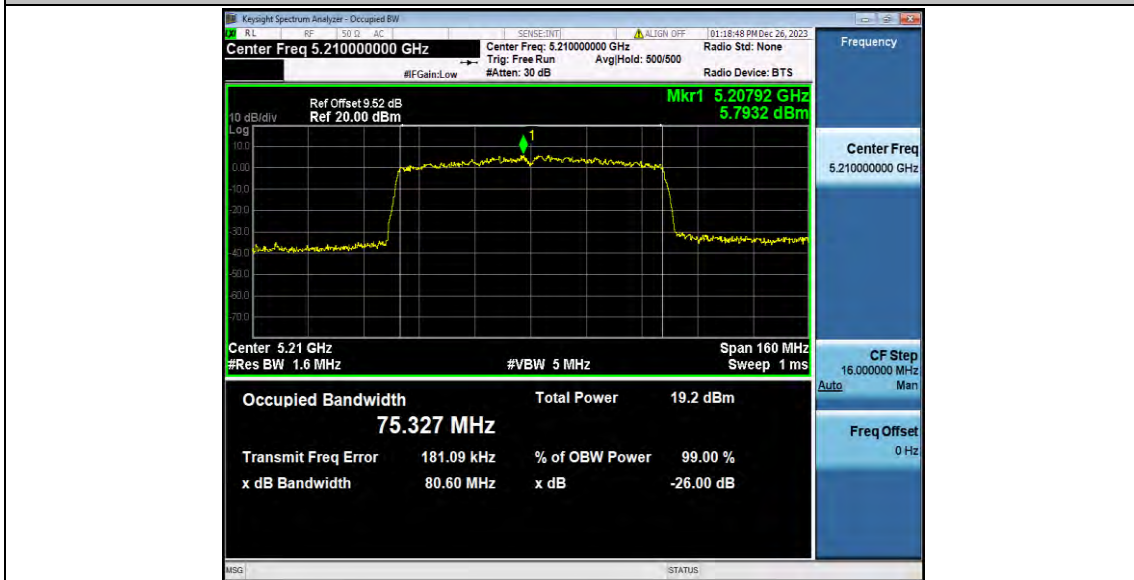
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11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



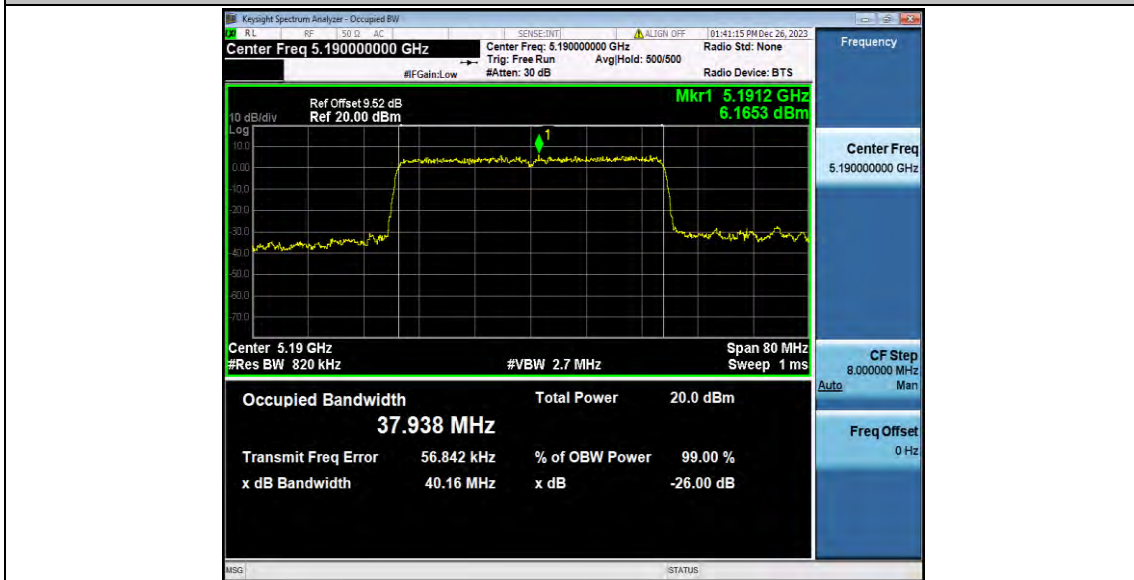
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11AX20SISO_Ant1_5200



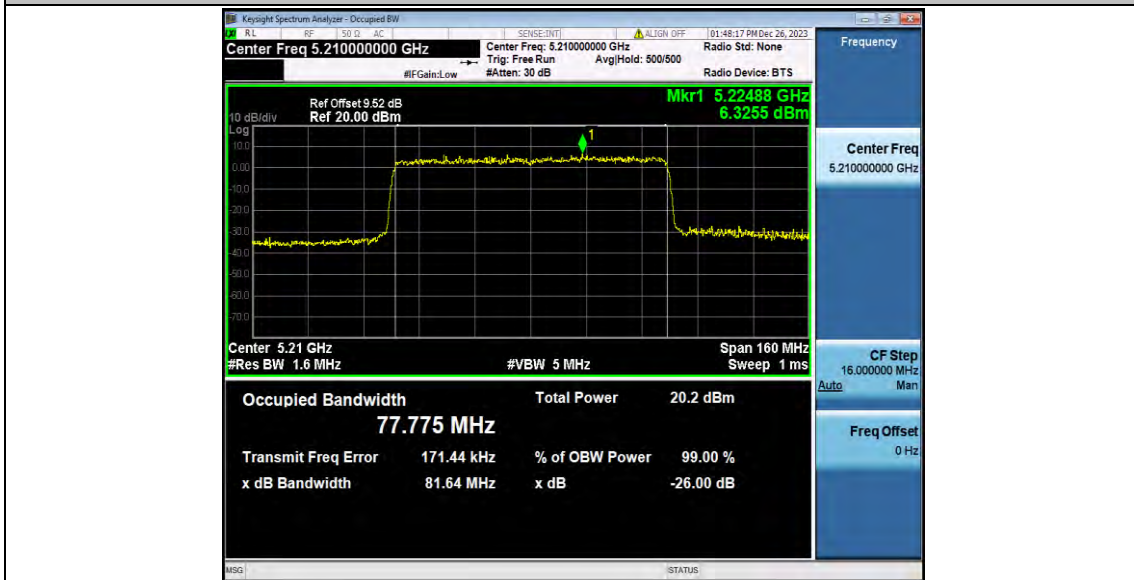
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



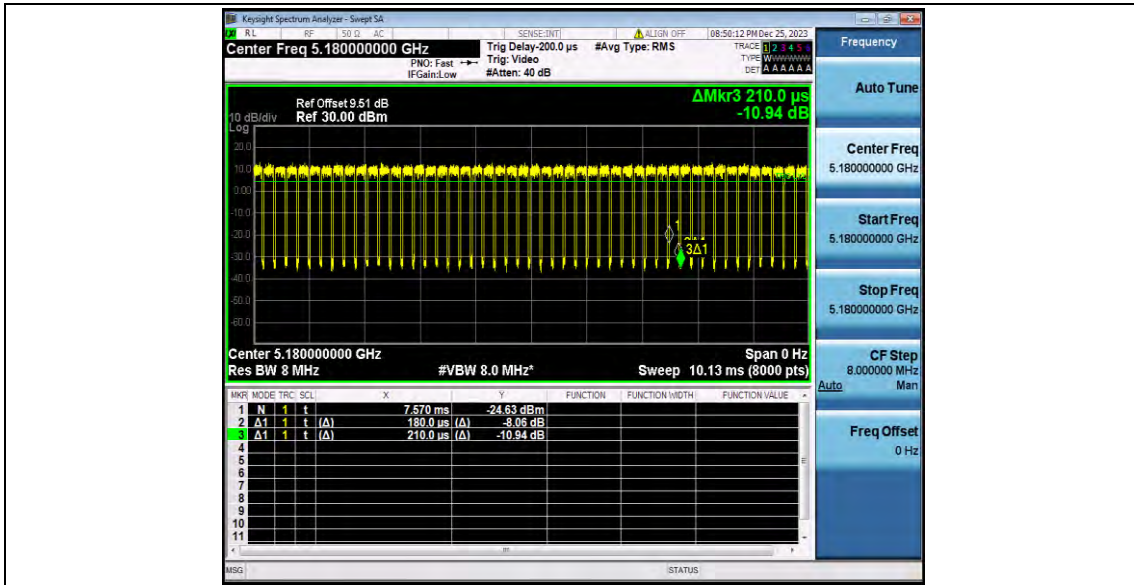
11AX80SISO_Ant1_5210

Appendix D.3: Duty Cycle

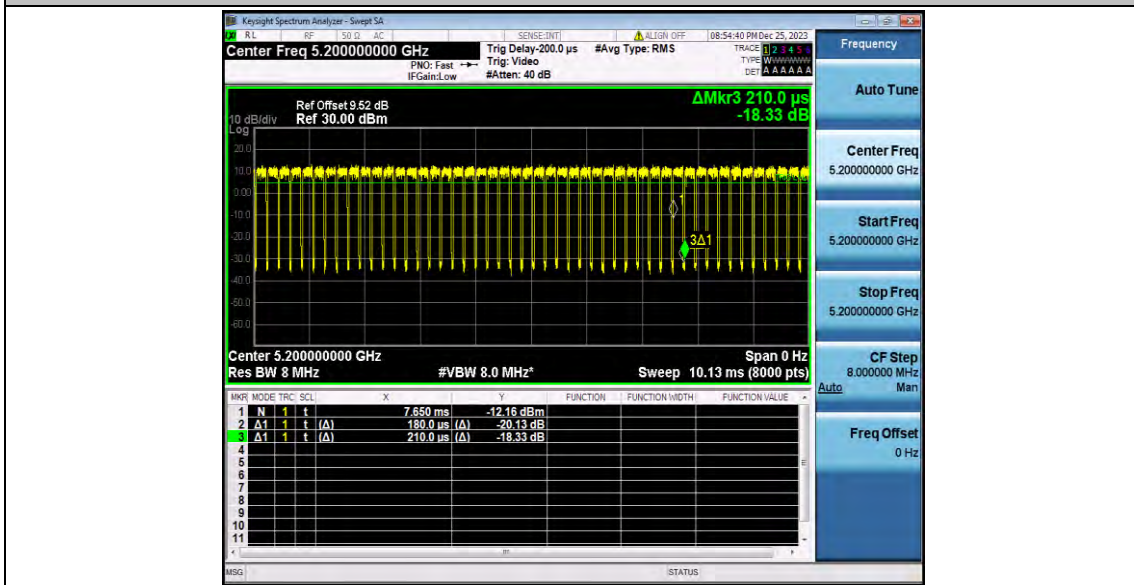
Test Result

| Test Mode | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A | Ant1 | 5180 | 0.18 | 0.21 | 85.71 |
| | | 5200 | 0.18 | 0.21 | 85.71 |
| | | 5240 | 0.17 | 0.21 | 80.95 |
| 11N20SISO | Ant1 | 5180 | 1.39 | 1.42 | 97.89 |
| | | 5200 | 1.39 | 1.42 | 97.89 |
| | | 5240 | 0.71 | 0.75 | 94.67 |
| 11N40SISO | Ant1 | 5190 | 4.57 | 6.56 | 69.66 |
| | | 5230 | 3.33 | 4.80 | 69.38 |
| 11AC20SISO | Ant1 | 5180 | 0.17 | 0.20 | 85.00 |
| | | 5200 | 0.17 | 0.81 | 20.99 |
| | | 5240 | 0.33 | 0.86 | 38.37 |
| 11AC40SISO | Ant1 | 5190 | 0.73 | 1.44 | 50.69 |
| | | 5230 | 1.35 | 2.35 | 57.45 |
| 11AC80SISO | Ant1 | 5210 | 0.94 | 2.22 | 42.34 |
| 11AX20SISO | Ant1 | 5180 | 0.16 | 0.19 | 84.21 |
| | | 5200 | 0.15 | 0.79 | 18.99 |
| | | 5240 | 0.31 | 0.87 | 35.63 |
| 11AX40SISO | Ant1 | 5190 | 0.59 | 1.45 | 40.69 |
| | | 5230 | 1.10 | 2.35 | 46.81 |
| 11AX80SISO | Ant1 | 5210 | 0.98 | 2.21 | 44.34 |

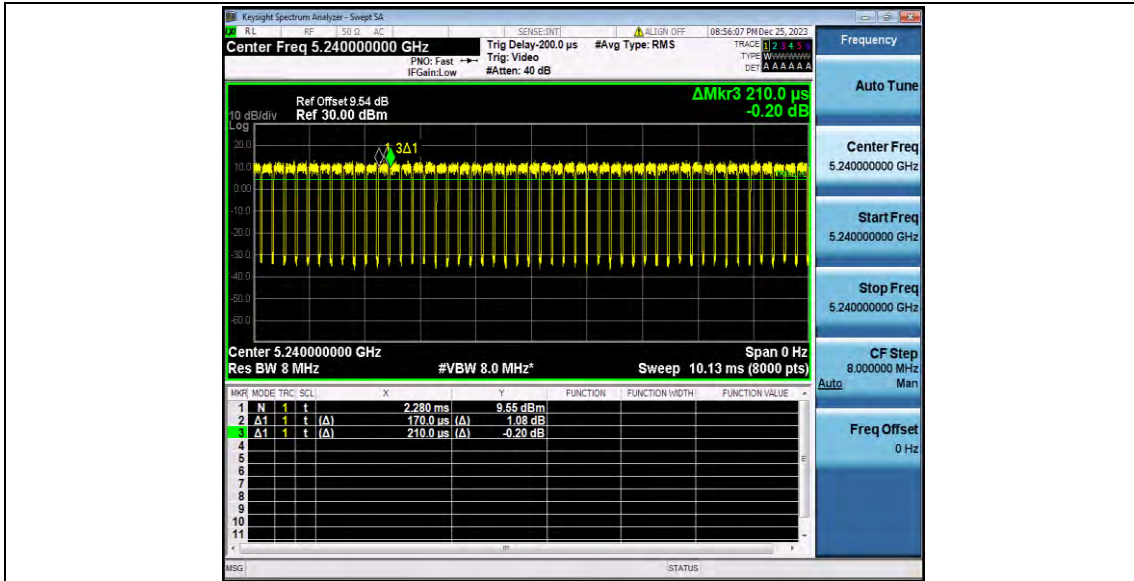
Test Graphs



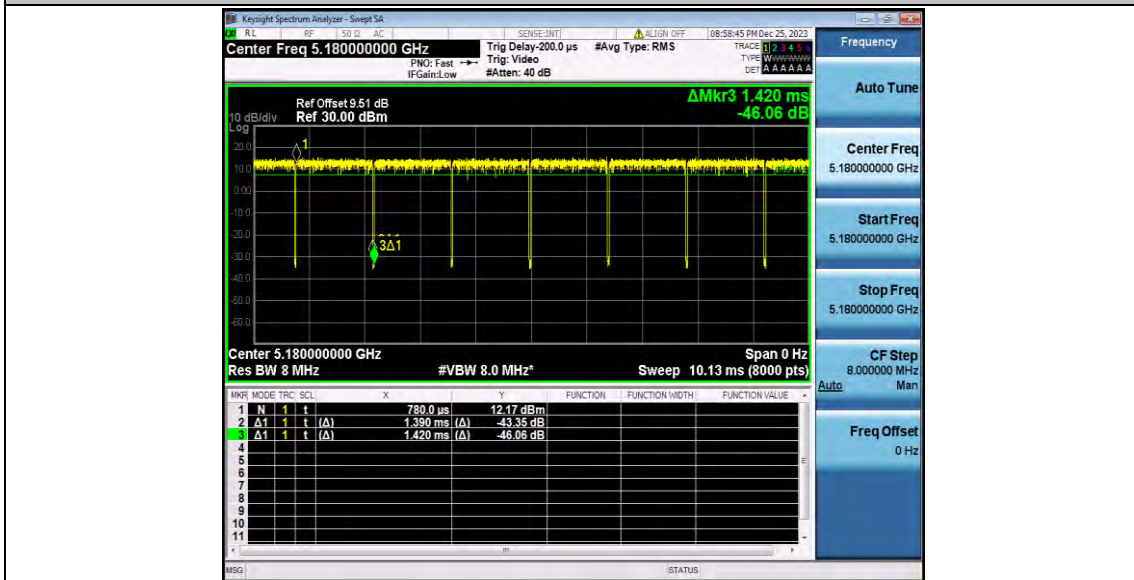
11A_Ant1_5180



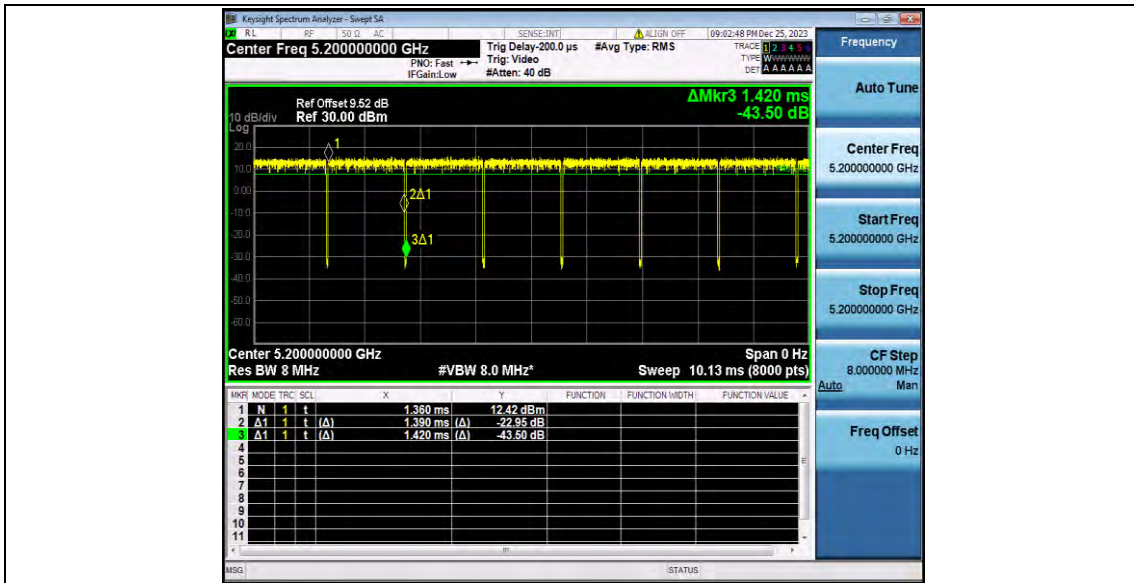
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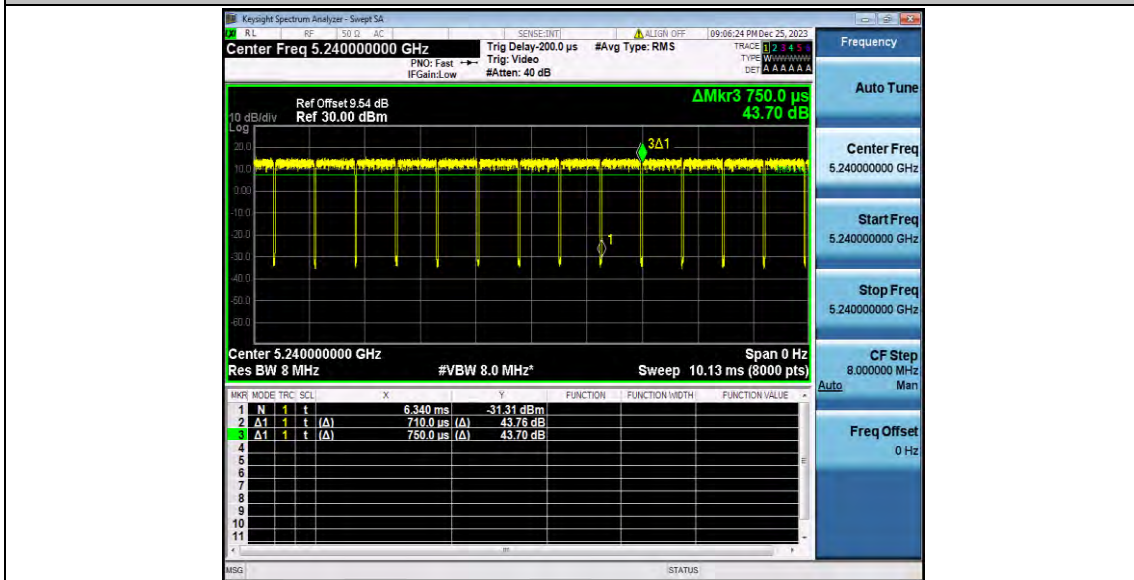
11A_Ant1_5240



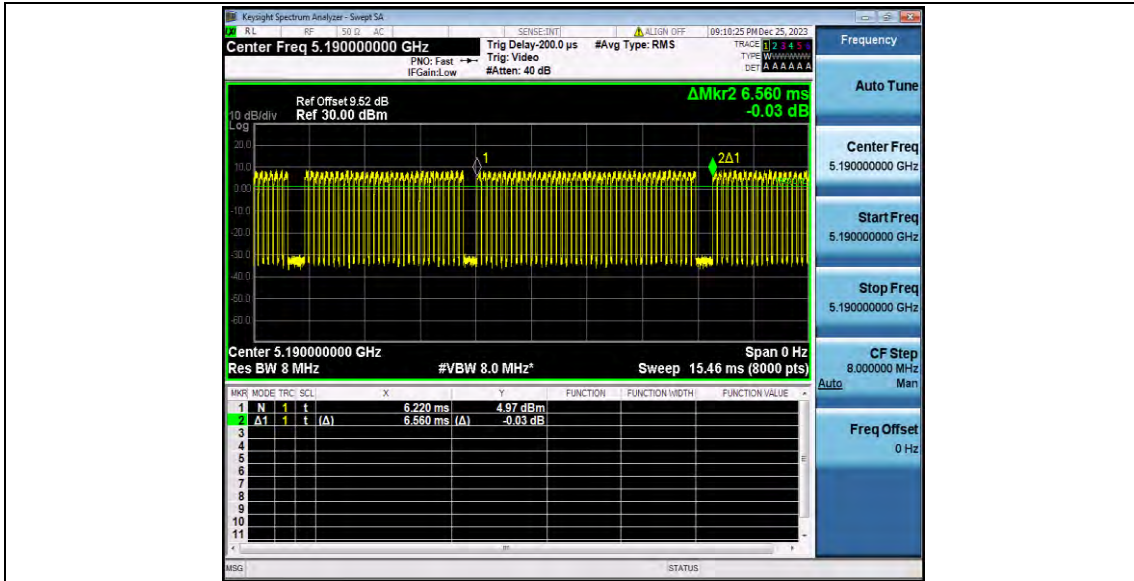
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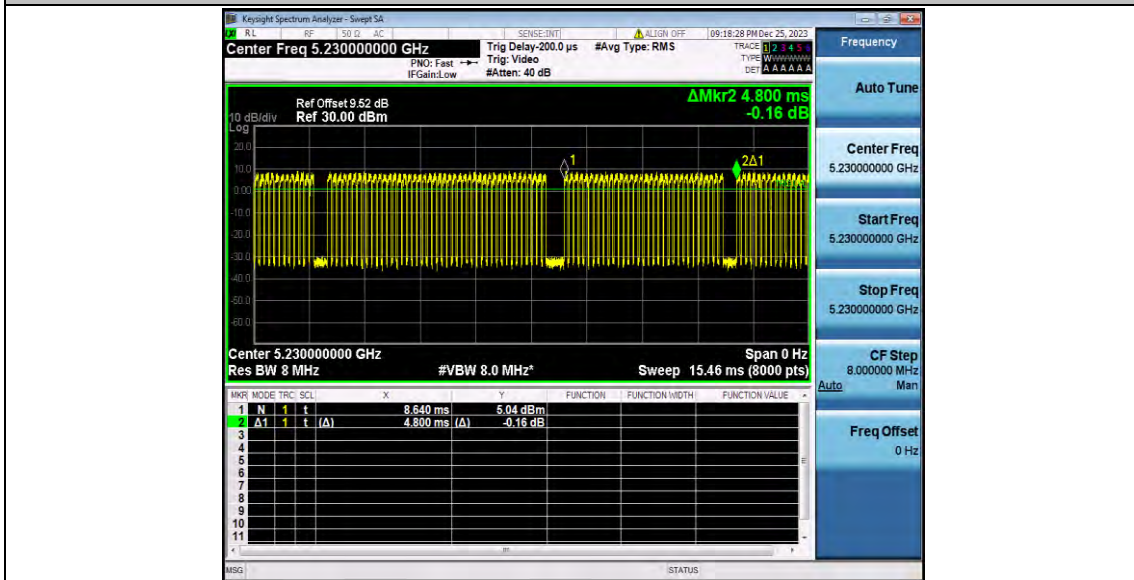
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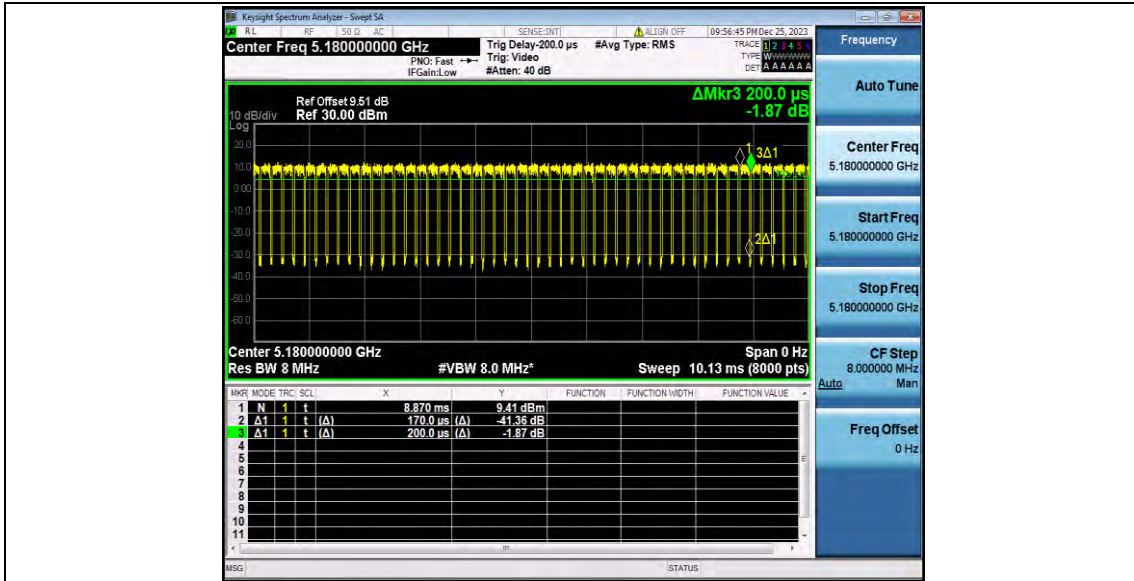
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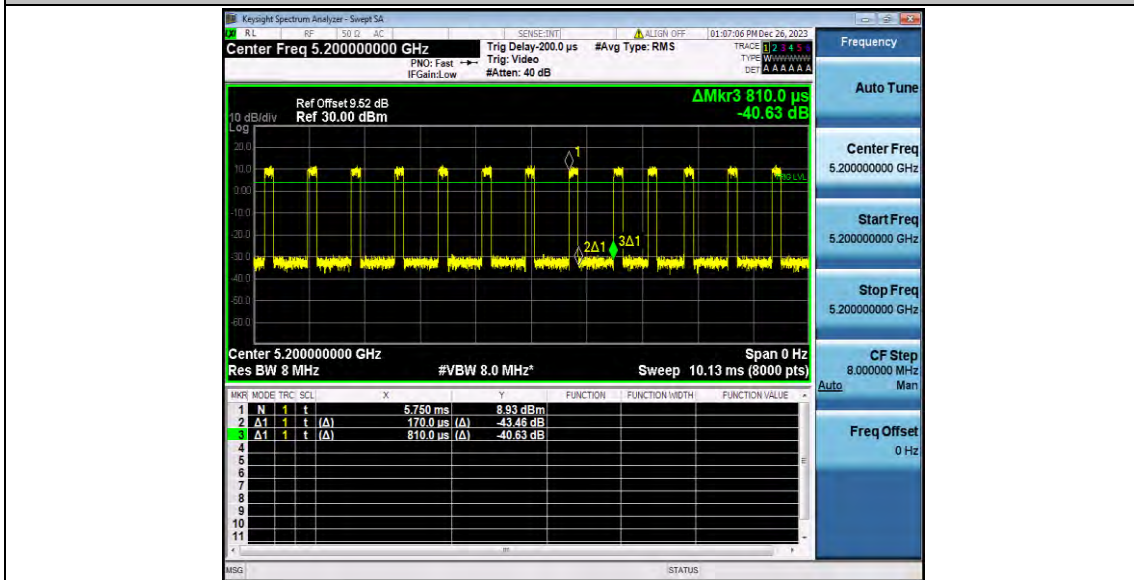
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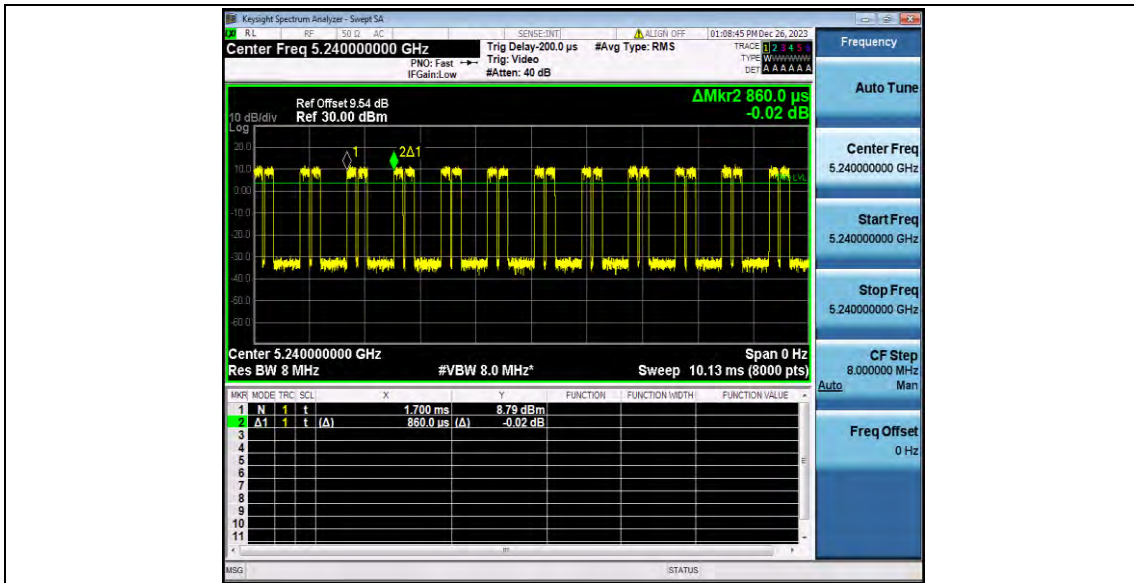
11N40SISO_Ant1_5230



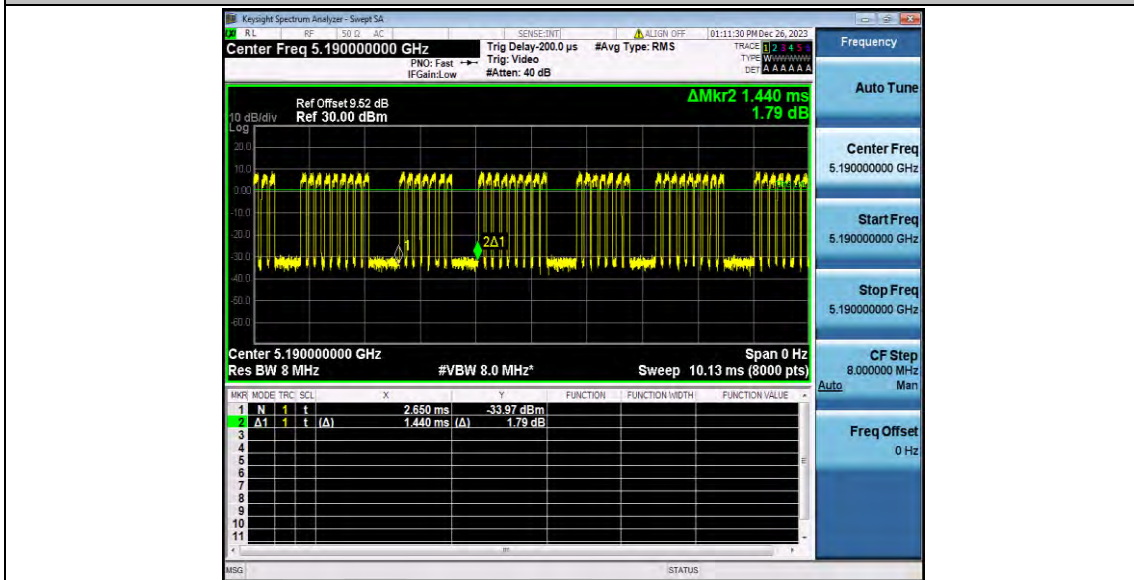
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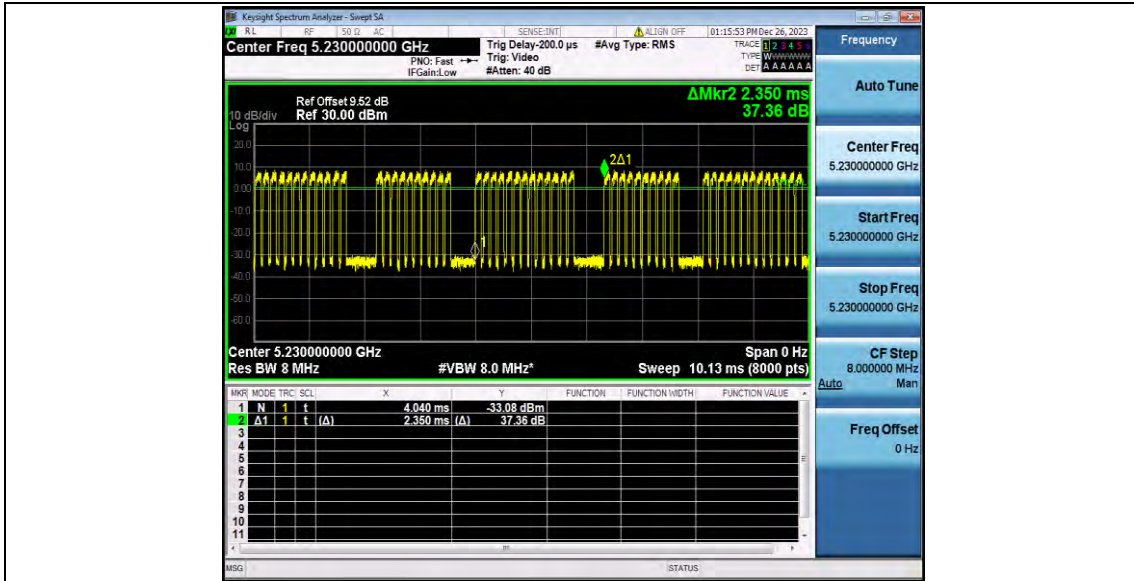
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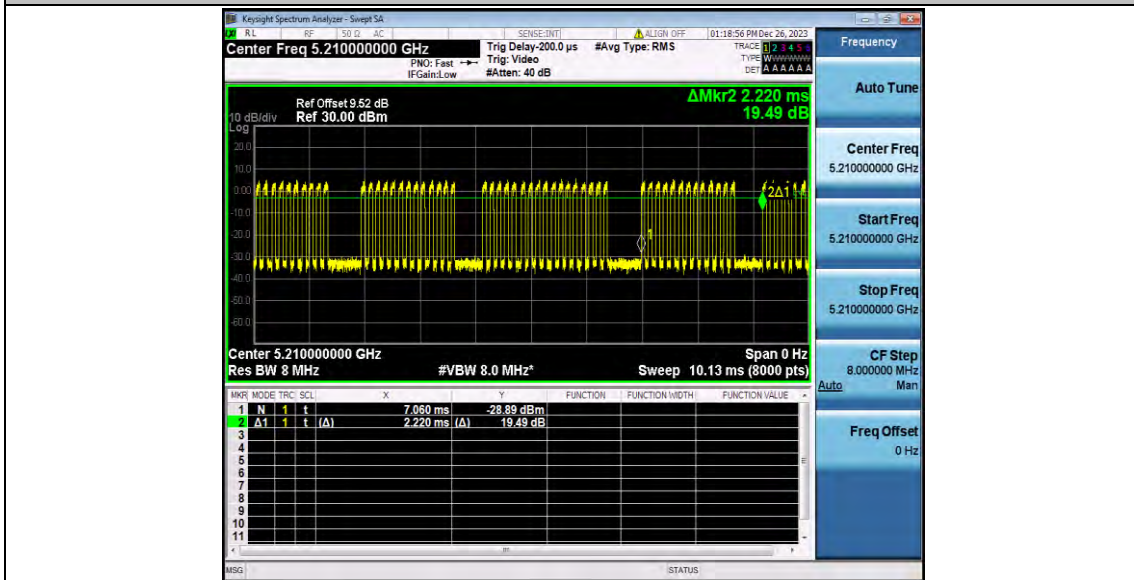
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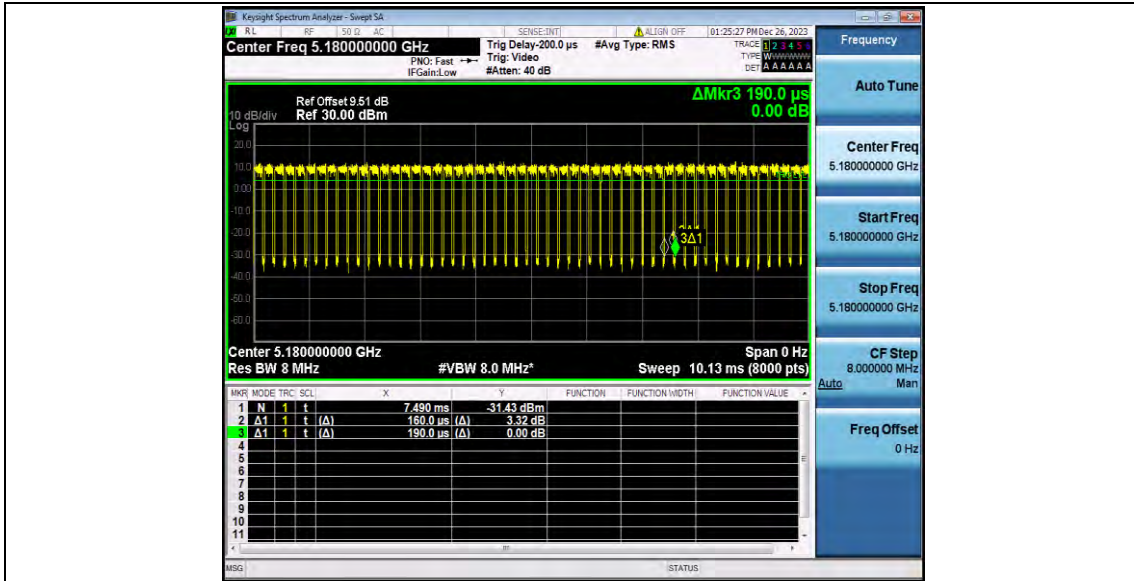
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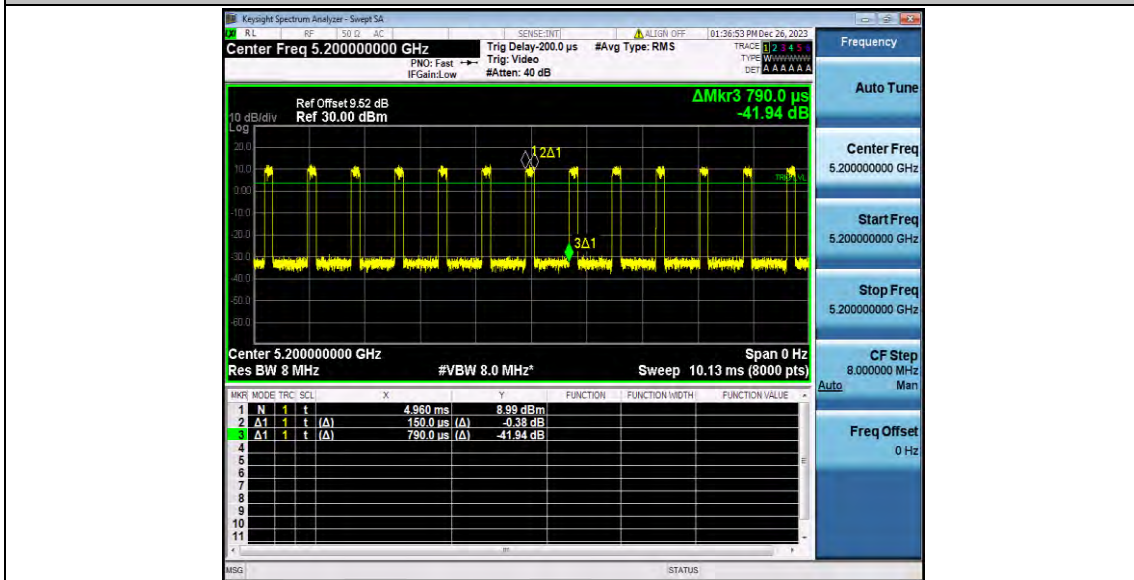
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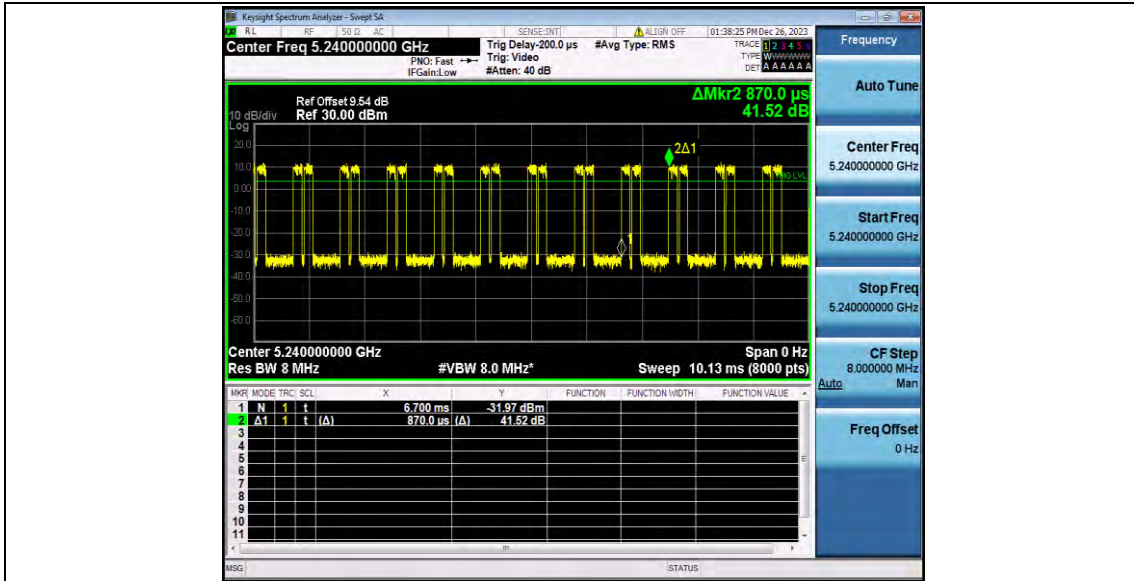
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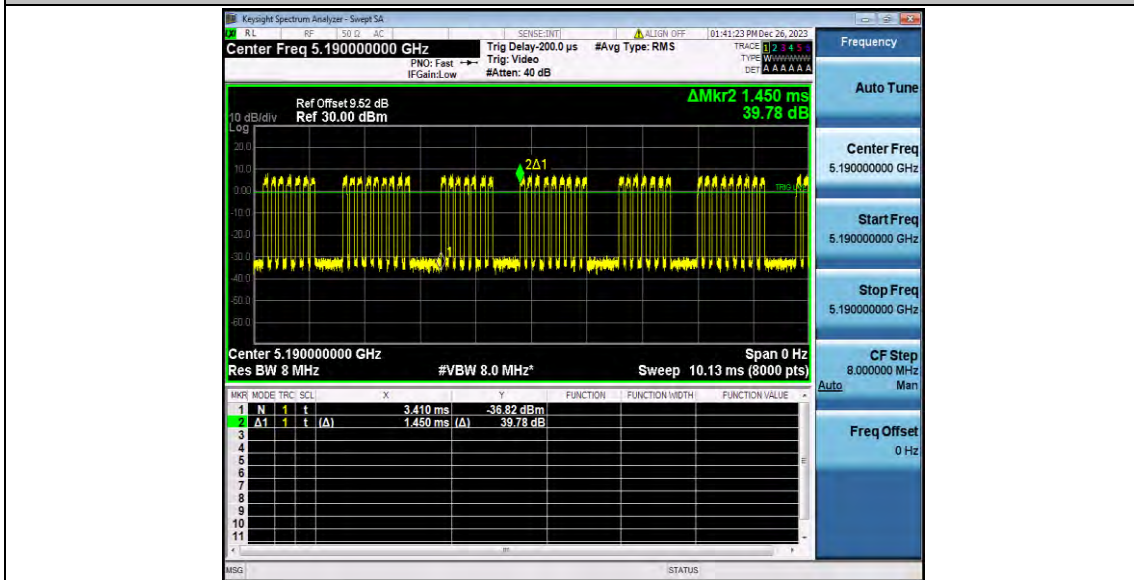
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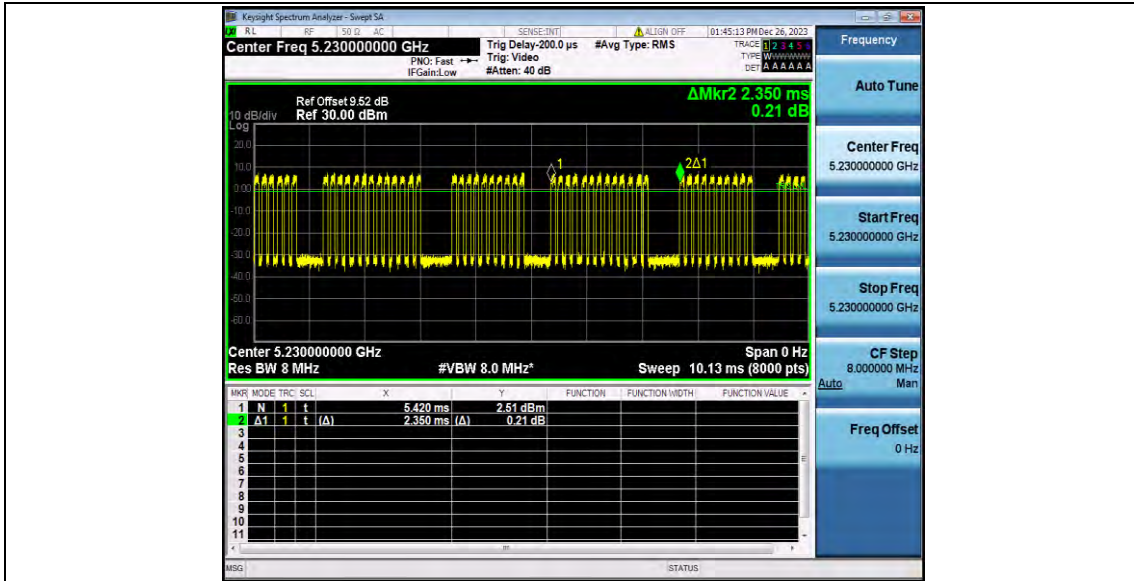
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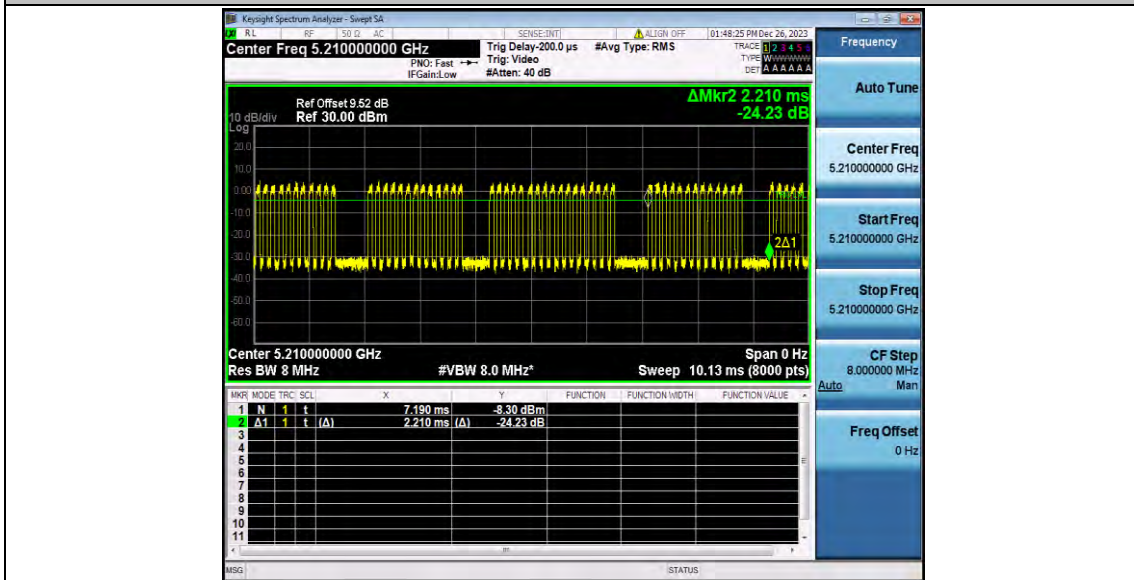
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210