

| |
|---|
| Case No. : GTS20230704026-1-23 |
| Ambient Condition: 23 °C, 49 %RH, Atmos100.1Kpa, |
| Test Date: 2023.7.29 Test Engineer: NA |

Appendix D.1: Emission Bandwidth

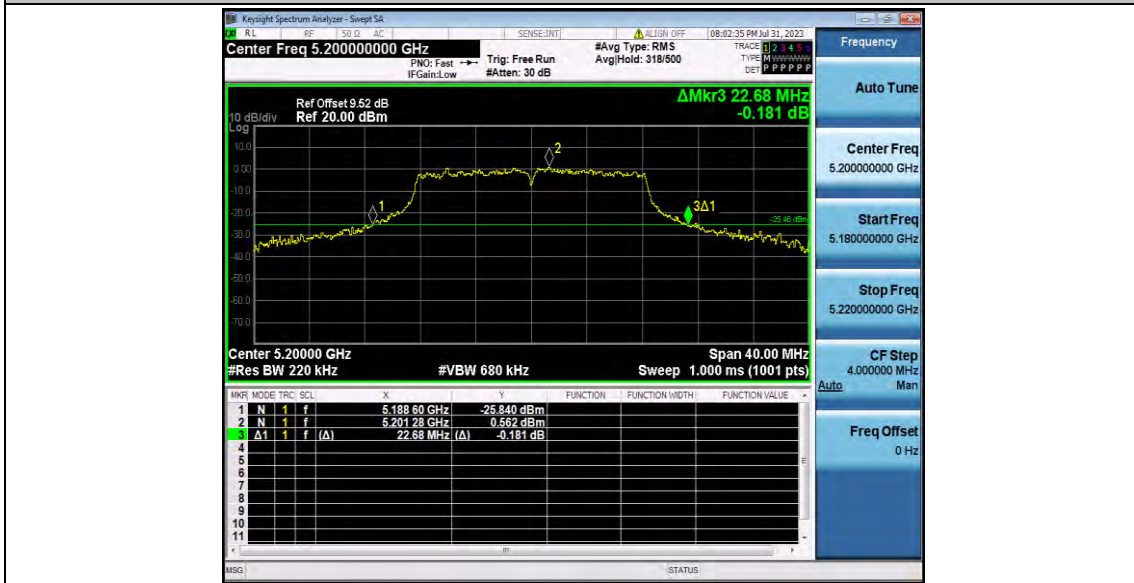
Test Result

| Test Mode | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 29.400 | 5166.560 | 5195.960 | --- | --- |
| | | 5200 | 22.680 | 5188.600 | 5211.280 | --- | --- |
| | | 5240 | 23.720 | 5228.640 | 5252.360 | --- | --- |
| 11N20SISO | Ant1 | 5180 | 24.040 | 5167.760 | 5191.800 | --- | --- |
| | | 5200 | 24.200 | 5188.240 | 5212.440 | --- | --- |
| | | 5240 | 25.280 | 5226.520 | 5251.800 | --- | --- |
| 11N40SISO | Ant1 | 5190 | 40.880 | 5169.600 | 5210.480 | --- | --- |
| | | 5230 | 46.800 | 5208.880 | 5255.680 | --- | --- |
| 11AC20SISO | Ant1 | 5180 | 36.360 | 5160.160 | 5196.520 | --- | --- |
| | | 5200 | 24.760 | 5187.760 | 5212.520 | --- | --- |
| | | 5240 | 24.000 | 5228.000 | 5252.000 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 39.120 | 5170.640 | 5209.760 | --- | --- |
| | | 5230 | 40.000 | 5210.000 | 5250.000 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 80.000 | 5170.160 | 5250.160 | --- | --- |
| 11AX20SISO | Ant1 | 5180 | 34.160 | 5163.120 | 5197.280 | --- | --- |
| | | 5200 | 29.840 | 5187.520 | 5217.360 | --- | --- |
| | | 5240 | 35.240 | 5223.720 | 5258.960 | --- | --- |
| 11AX40SISO | Ant1 | 5190 | 46.560 | 5170.160 | 5216.720 | --- | --- |
| | | 5230 | 75.120 | 5192.240 | 5267.360 | --- | --- |
| 11AX80SISO | Ant1 | 5210 | 80.320 | 5170.000 | 5250.320 | --- | --- |

Test Graphs



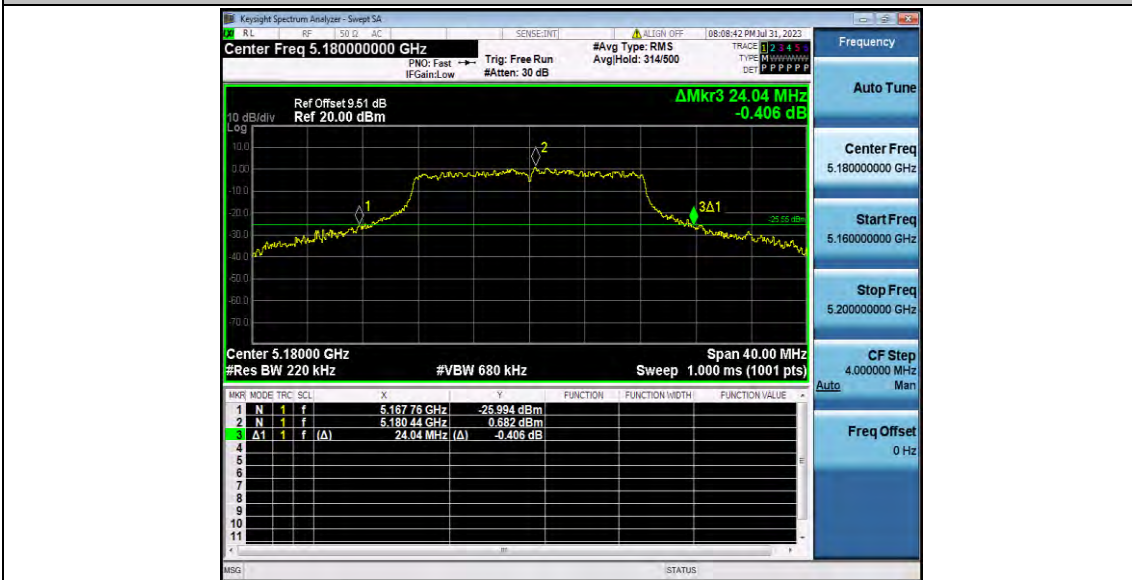
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11A_Ant1_5200



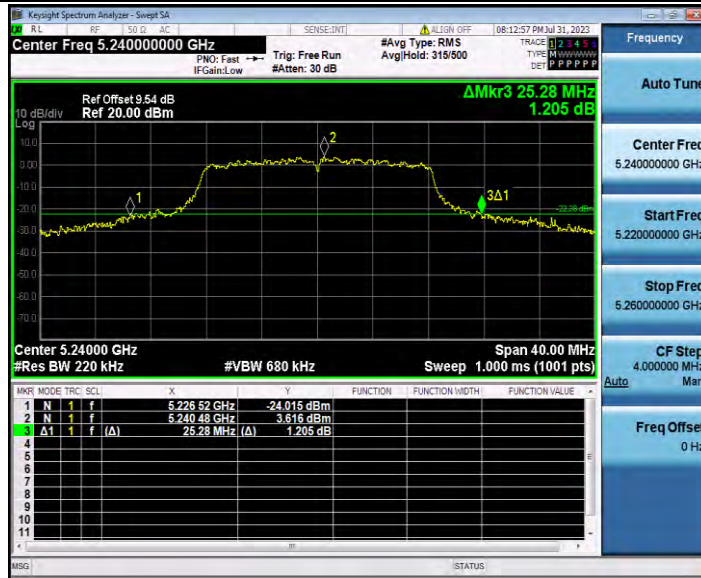
11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



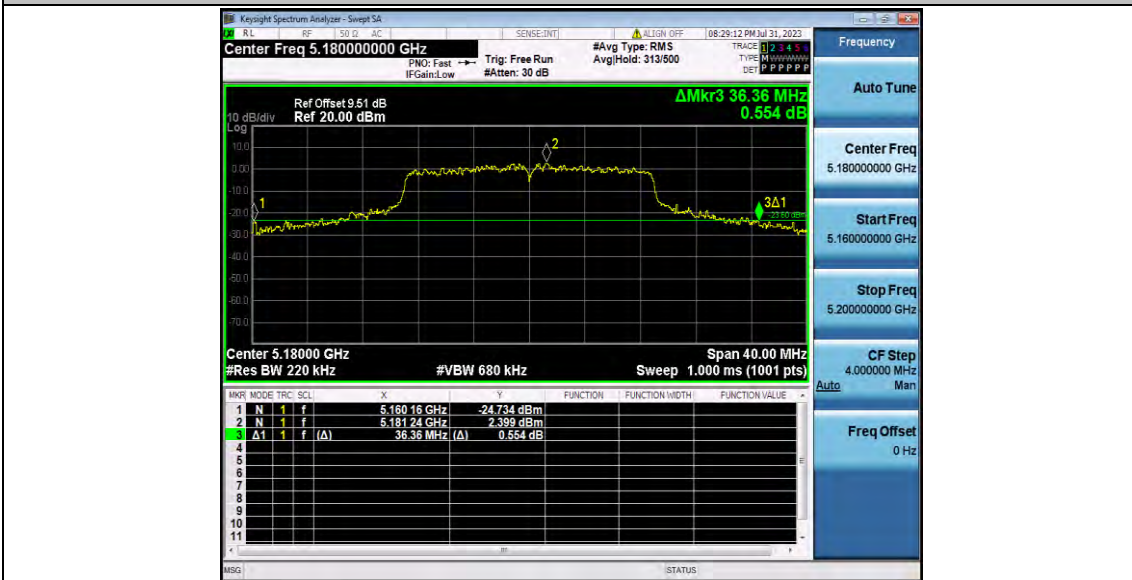
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11N40SISO_Ant1_5190



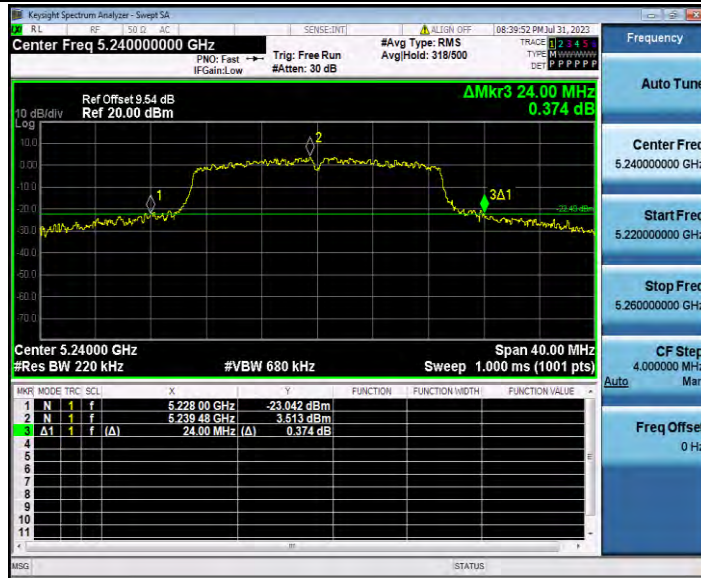
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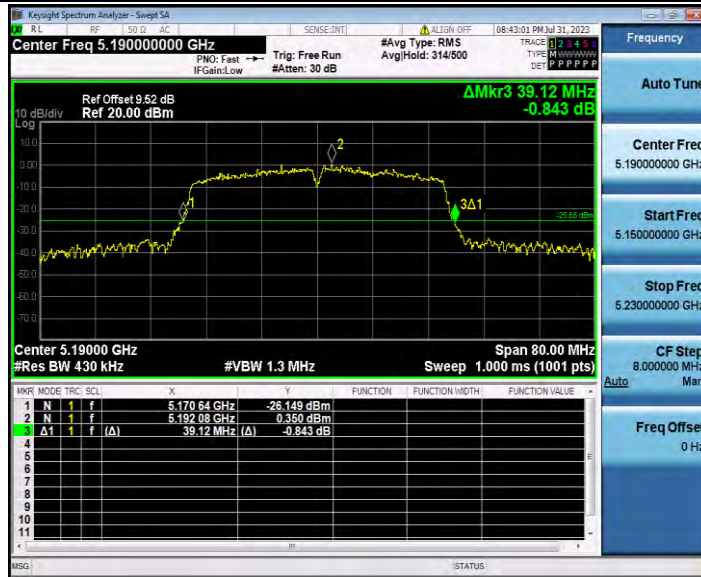
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11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



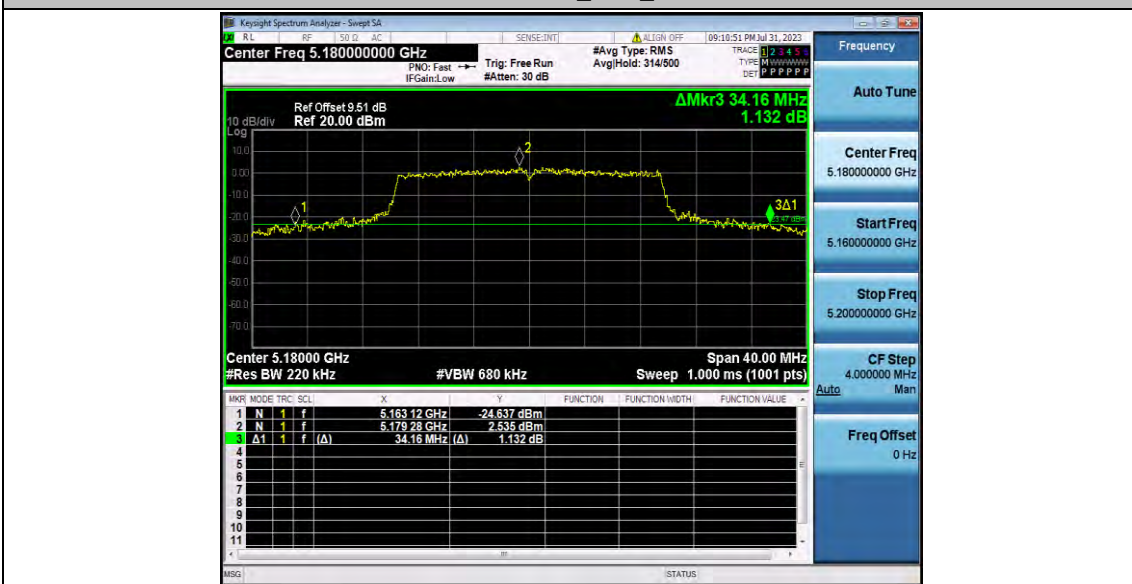
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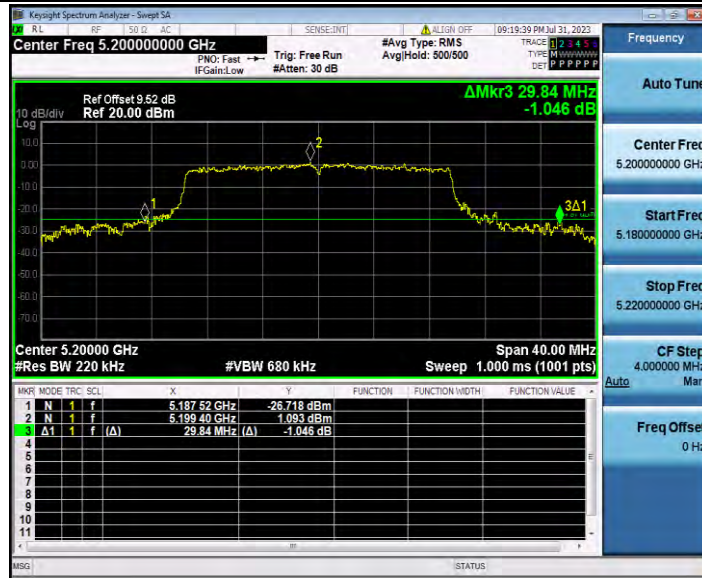
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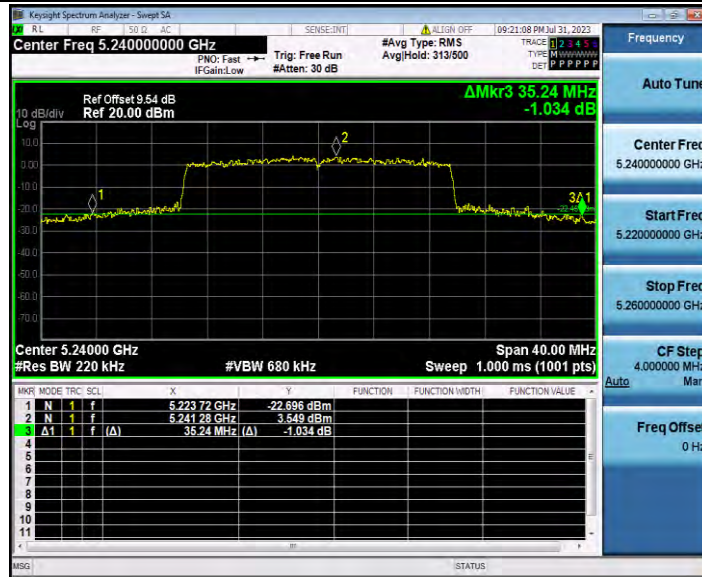
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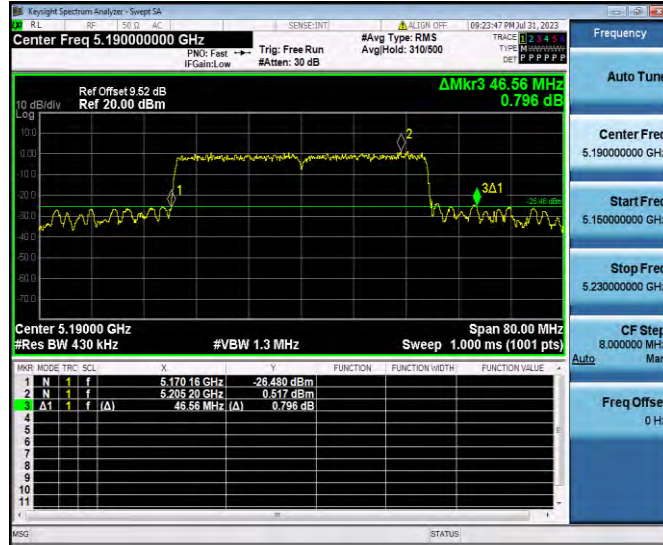
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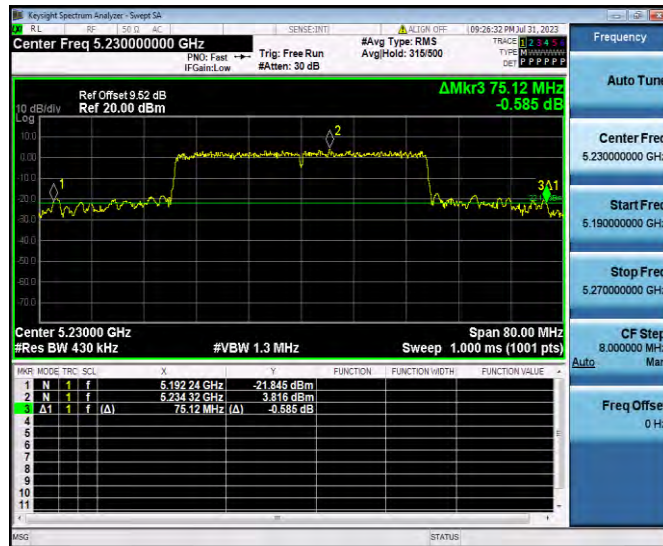
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

Appendix D.2: Occupied channel bandwidth

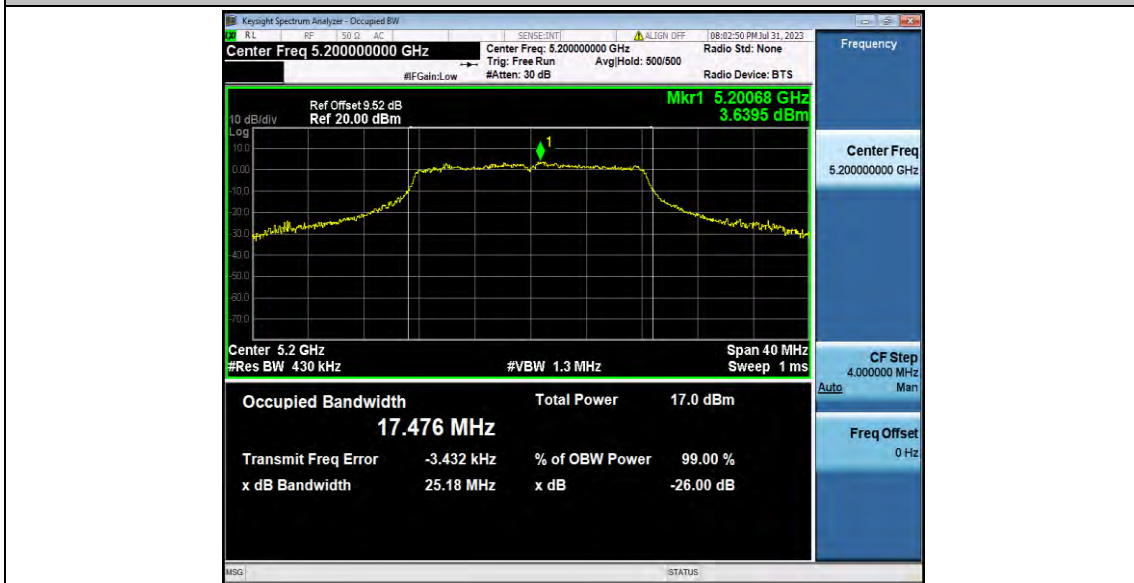
Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 18.015 | 5170.967 | 5188.982 | --- | --- |
| | | 5200 | 17.476 | 5191.259 | 5208.735 | --- | --- |
| | | 5240 | 17.310 | 5231.355 | 5248.665 | --- | --- |
| 11N20SISO | Ant1 | 5180 | 17.612 | 5171.146 | 5188.758 | --- | --- |
| | | 5200 | 17.617 | 5191.185 | 5208.802 | --- | --- |
| | | 5240 | 17.202 | 5231.373 | 5248.575 | --- | --- |
| 11N40SISO | Ant1 | 5190 | 36.516 | 5171.858 | 5208.374 | --- | --- |
| | | 5230 | 36.683 | 5211.693 | 5248.376 | --- | --- |
| 11AC20SISO | Ant1 | 5180 | 19.313 | 5170.414 | 5189.727 | --- | --- |
| | | 5200 | 18.299 | 5190.874 | 5209.173 | --- | --- |
| | | 5240 | 17.973 | 5231.043 | 5249.016 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 36.017 | 5172.106 | 5208.123 | --- | --- |
| | | 5230 | 36.070 | 5212.078 | 5248.148 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 75.392 | 5172.513 | 5247.905 | --- | --- |
| 11AX20SISO | Ant1 | 5180 | 19.673 | 5170.251 | 5189.924 | --- | --- |
| | | 5200 | 19.318 | 5190.386 | 5209.704 | --- | --- |
| | | 5240 | 19.163 | 5230.425 | 5249.588 | --- | --- |
| 11AX40SISO | Ant1 | 5190 | 38.173 | 5170.943 | 5209.116 | --- | --- |
| | | 5230 | 38.383 | 5210.844 | 5249.227 | --- | --- |
| 11AX80SISO | Ant1 | 5210 | 77.547 | 5171.396 | 5248.943 | --- | --- |

Test Graphs



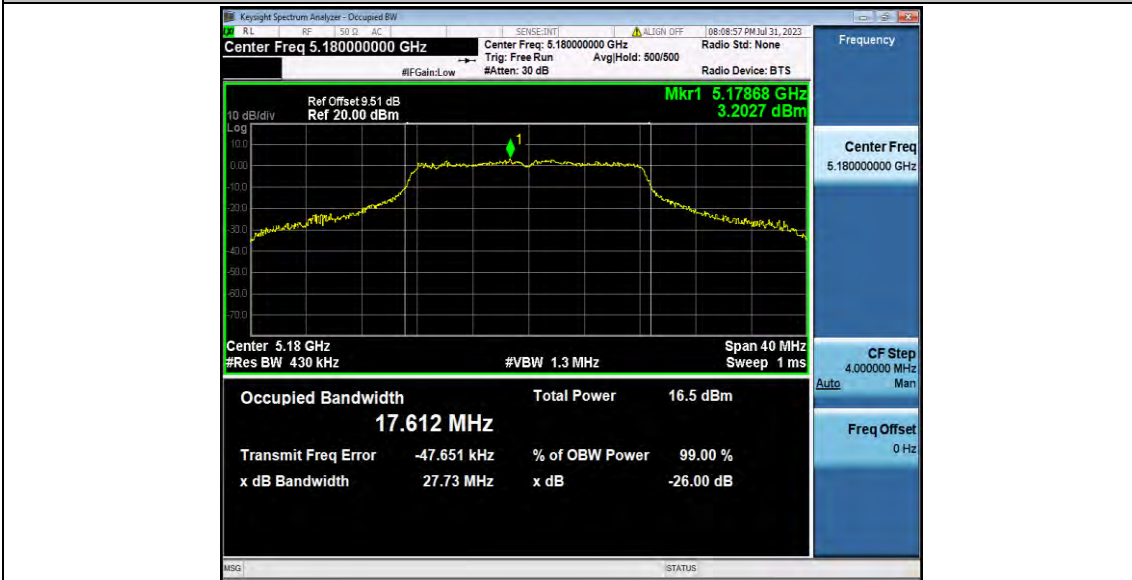
11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



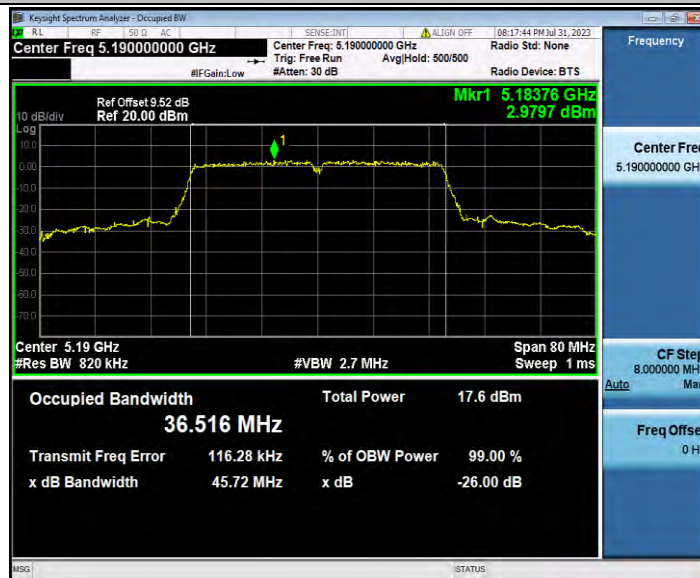
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



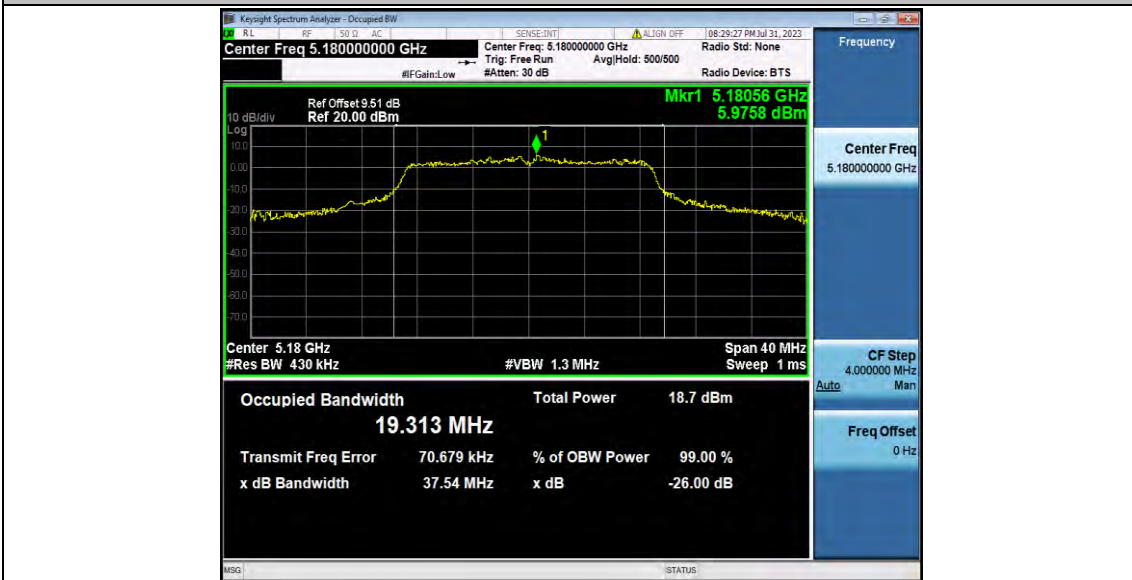
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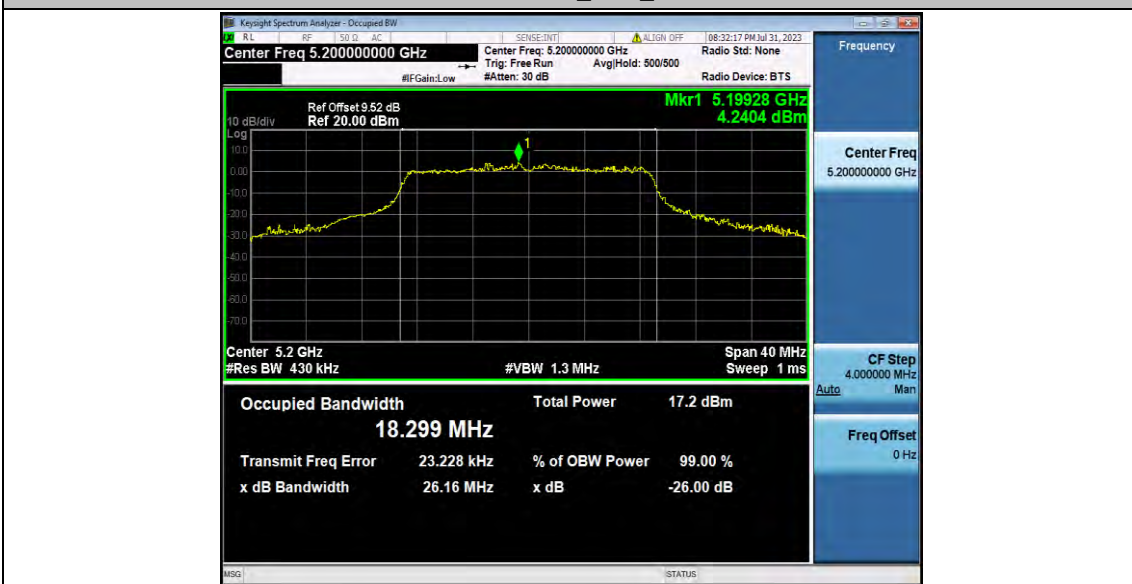
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



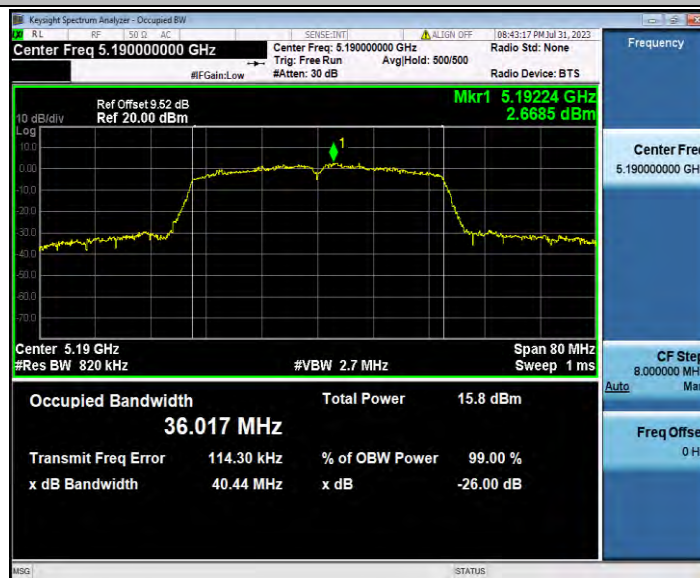
11A20SISO_Ant1_5180



11AC20SISO_Ant1_5200



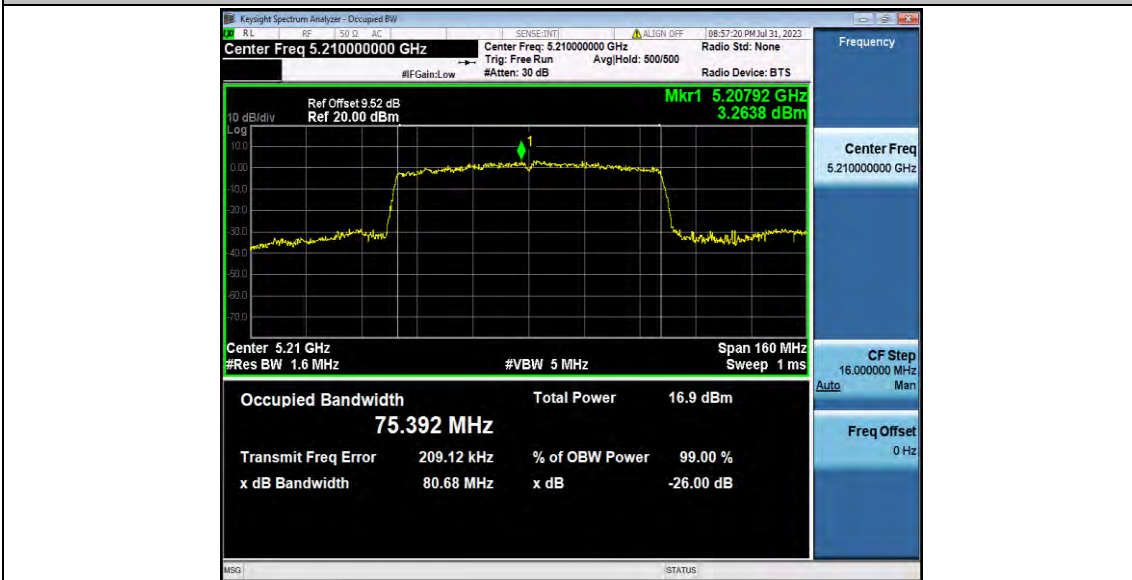
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11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



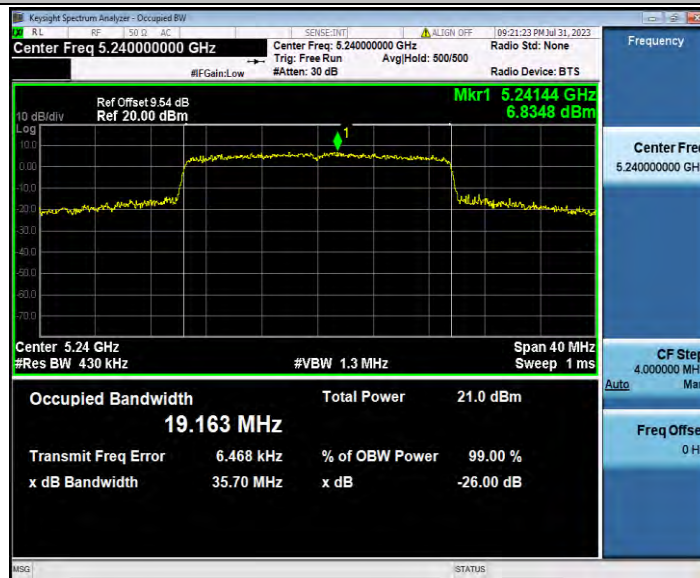
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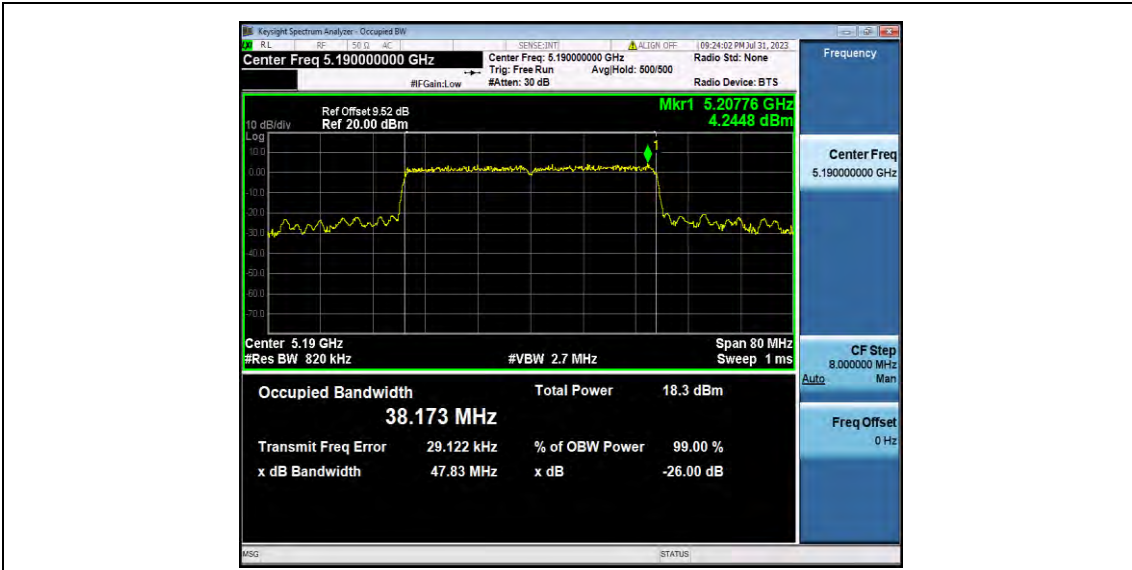
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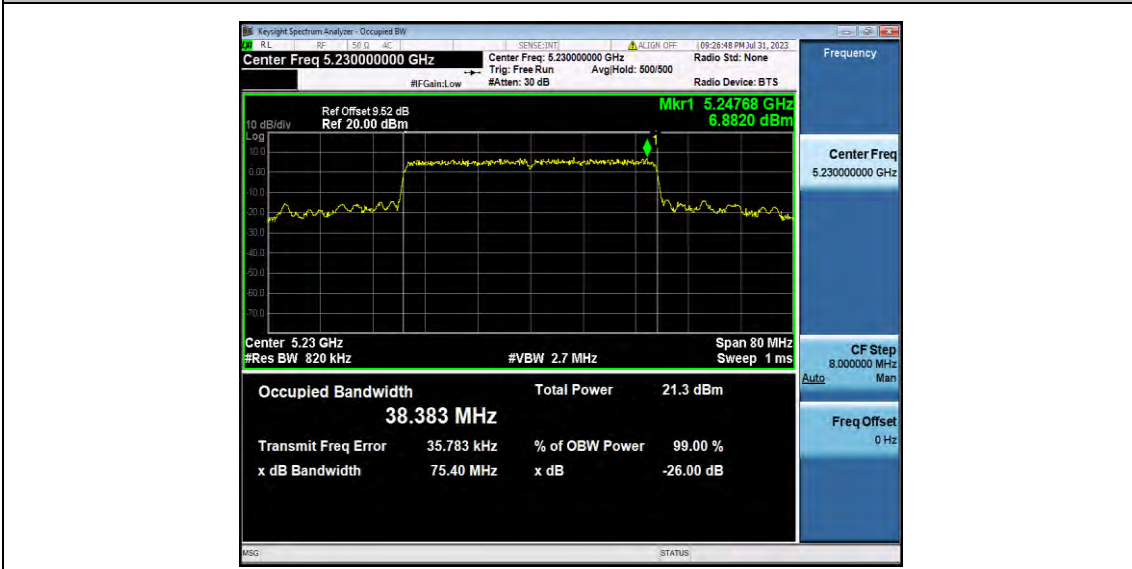
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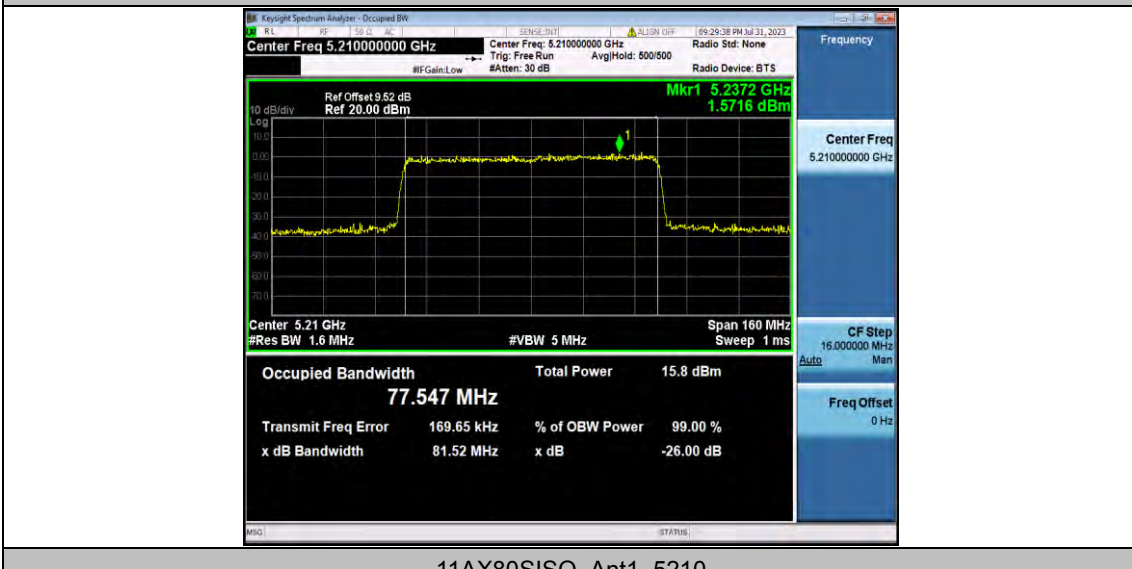
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11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



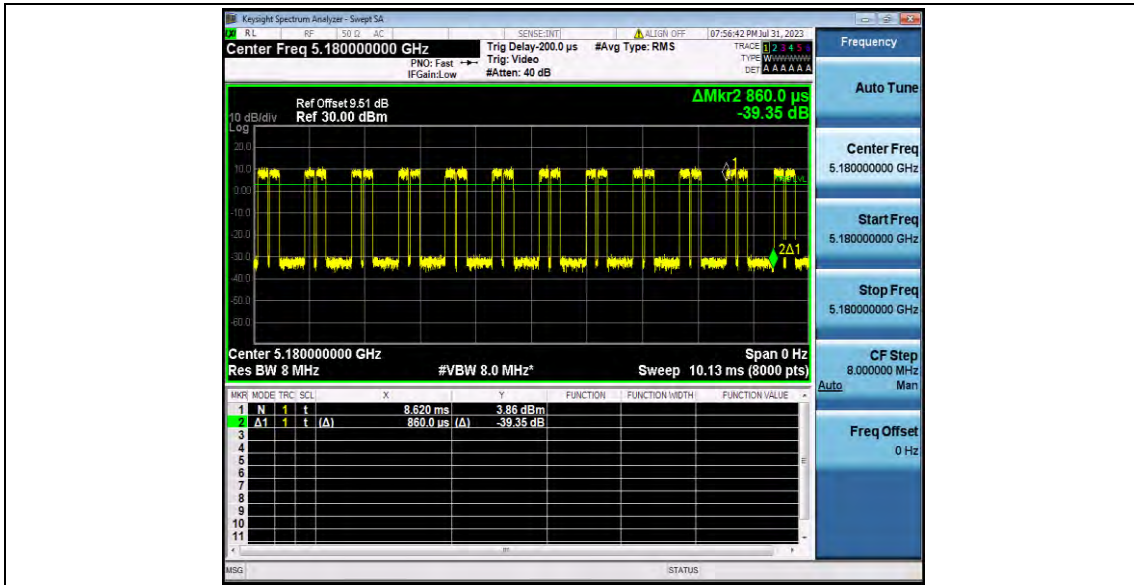
11AX80SISO_Ant1_5210

Appendix D.3: Duty Cycle

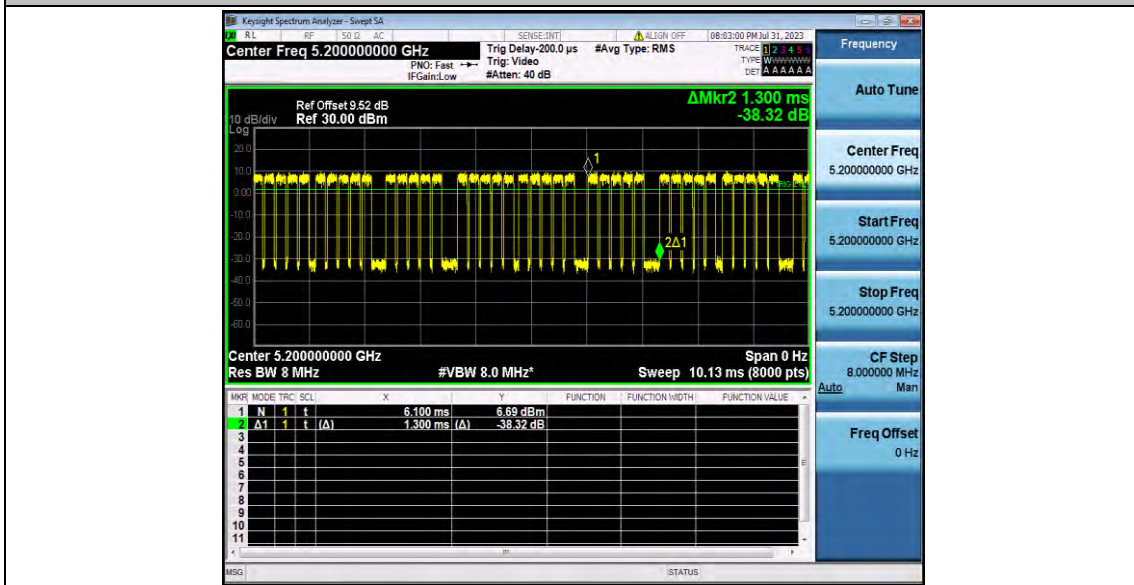
Test Result

| Test Mode | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A | Ant1 | 5180 | 0.35 | 0.86 | 40.70 |
| | | 5200 | 0.88 | 1.30 | 67.69 |
| | | 5240 | 0.17 | 0.21 | 80.95 |
| 11N20SISO | Ant1 | 5180 | 0.20 | 0.23 | 86.96 |
| | | 5200 | 0.19 | 0.23 | 82.61 |
| | | 5240 | 0.19 | 0.23 | 82.61 |
| 11N40SISO | Ant1 | 5190 | 2.72 | 5.07 | 53.65 |
| | | 5230 | 3.60 | 6.70 | 53.73 |
| 11AC20SISO | Ant1 | 5180 | 0.17 | 0.21 | 80.95 |
| | | 5200 | 0.17 | 0.21 | 80.95 |
| | | 5240 | 0.17 | 0.21 | 80.95 |
| 11AC40SISO | Ant1 | 5190 | 4.57 | 6.58 | 69.45 |
| | | 5230 | 3.33 | 4.80 | 69.38 |
| 11AC80SISO | Ant1 | 5210 | 2.46 | 5.07 | 48.52 |
| 11AX20SISO | Ant1 | 5180 | 0.16 | 0.19 | 84.21 |
| | | 5200 | 0.16 | 0.19 | 84.21 |
| | | 5240 | 0.16 | 0.20 | 80.00 |
| 11AX40SISO | Ant1 | 5190 | 3.82 | 6.71 | 56.93 |
| | | 5230 | 3.81 | 6.70 | 56.87 |
| 11AX80SISO | Ant1 | 5210 | 3.38 | 6.70 | 50.45 |

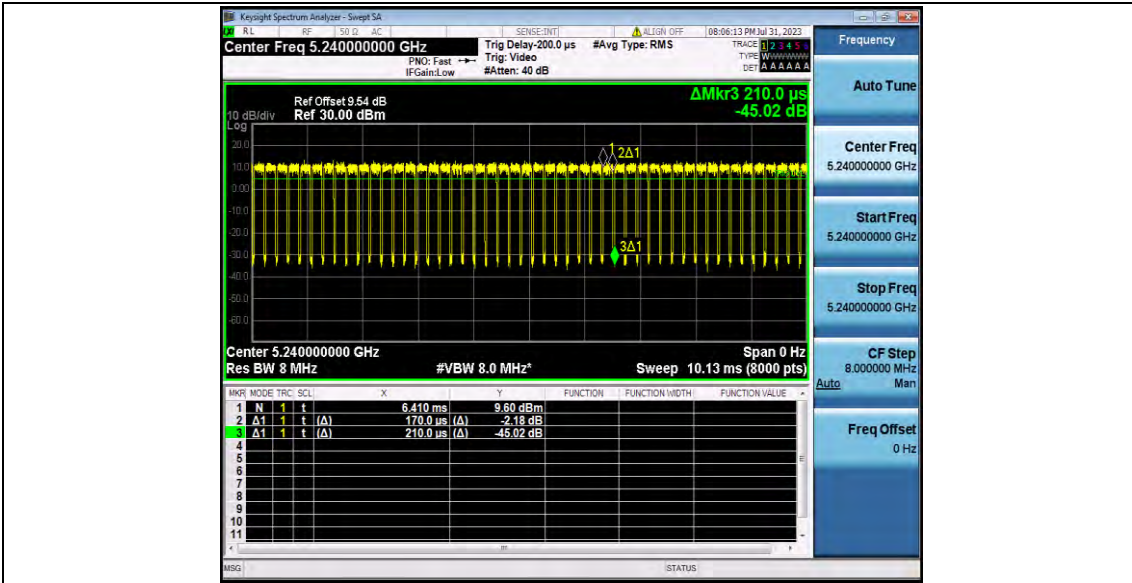
Test Graphs



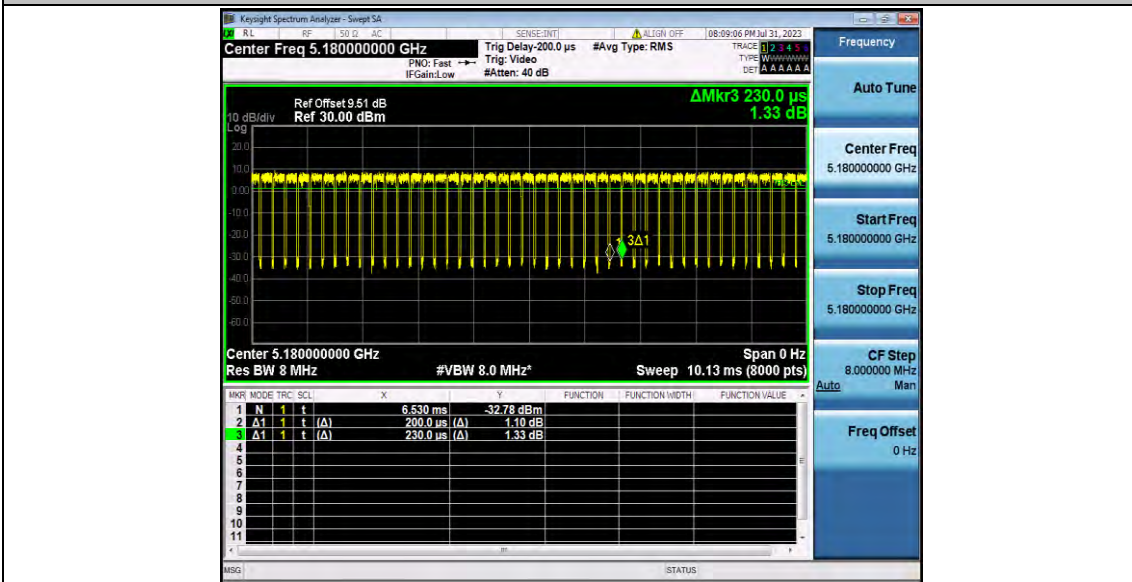
11A_Ant1_5180



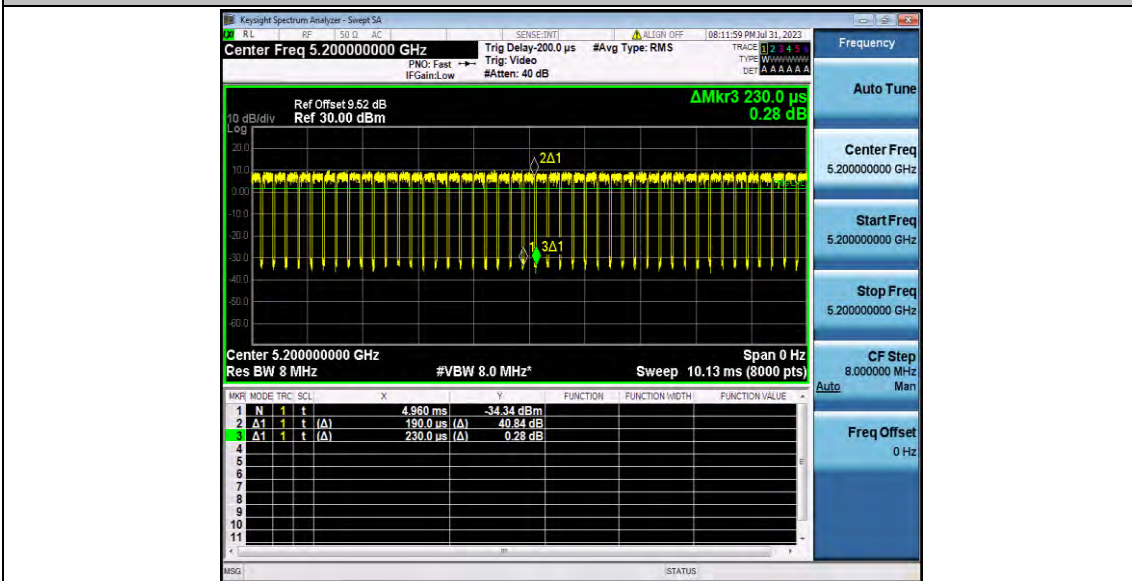
11A_Ant1_5200



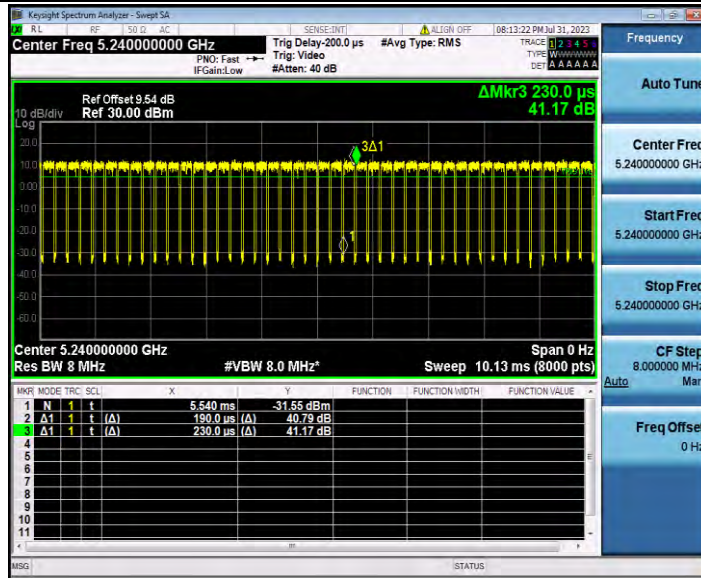
11A_Ant1_5240



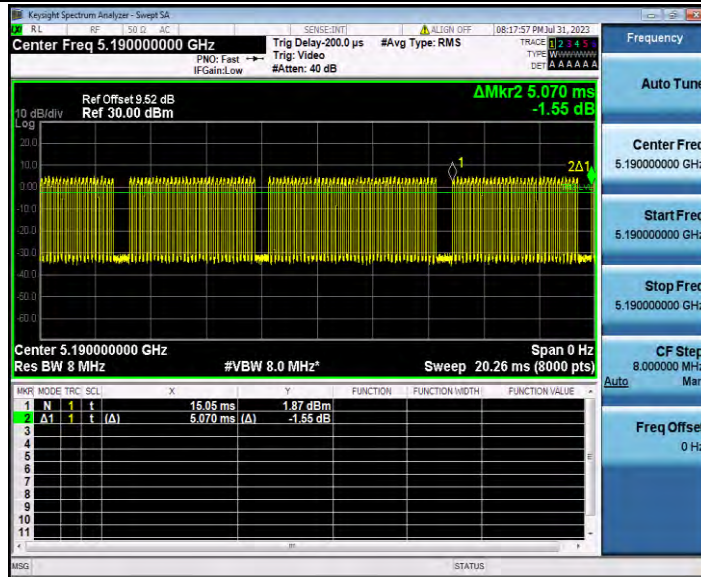
11N20SISO_Ant1_5180



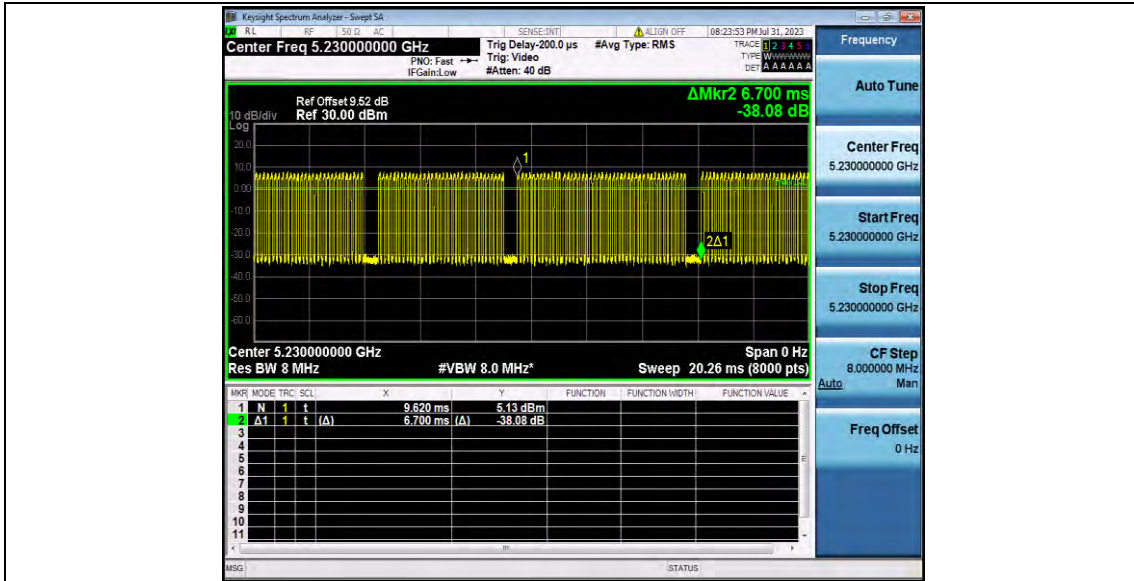
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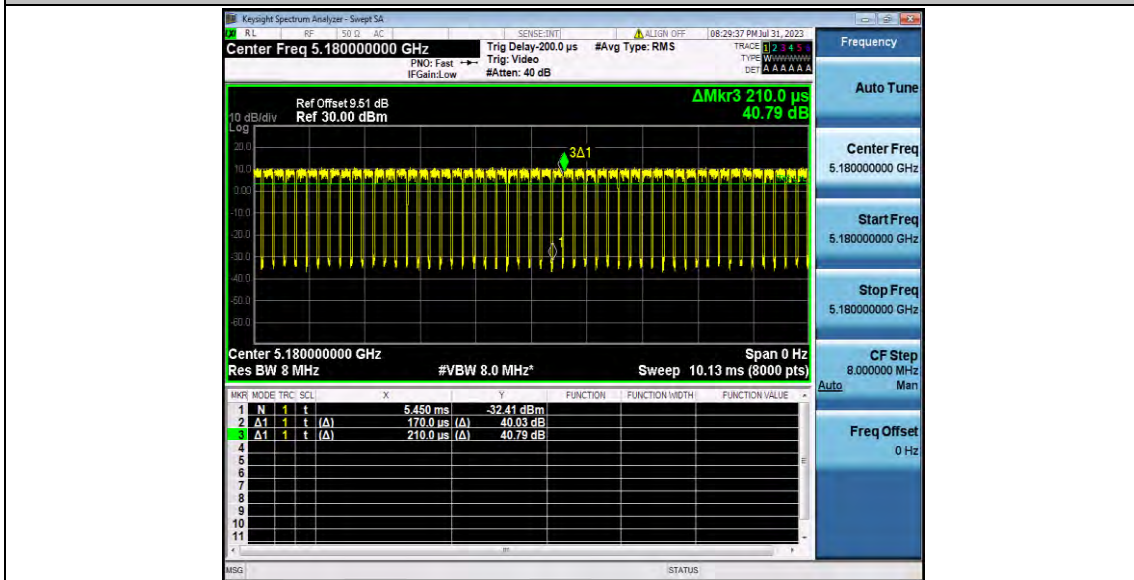
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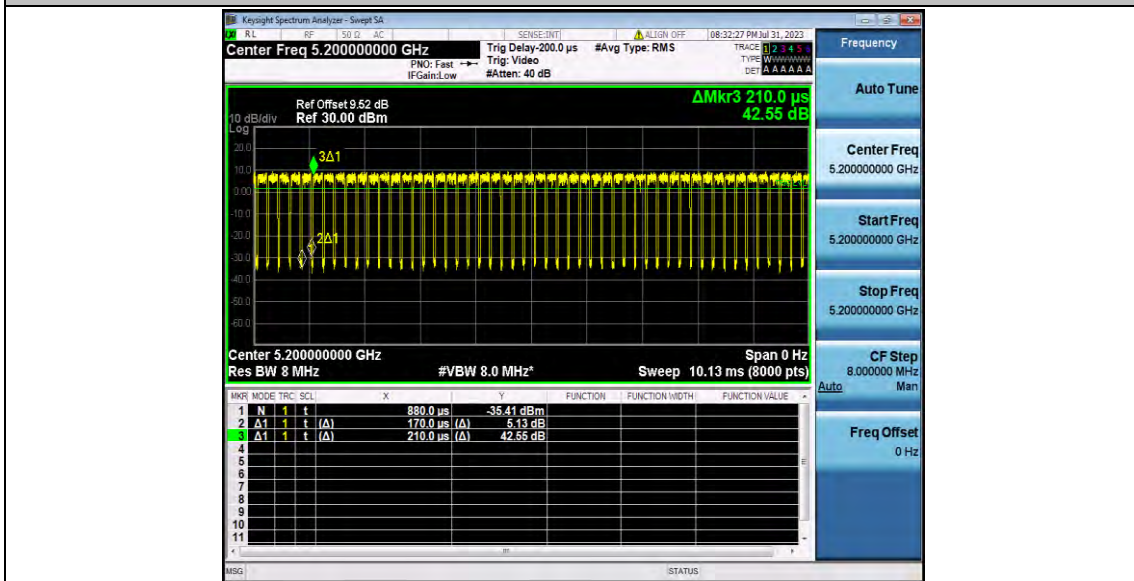
11N40SISO_Ant1_5190



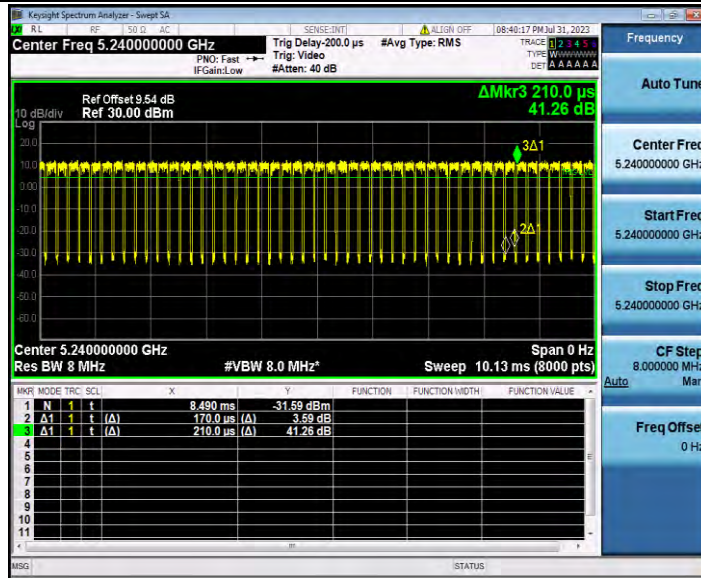
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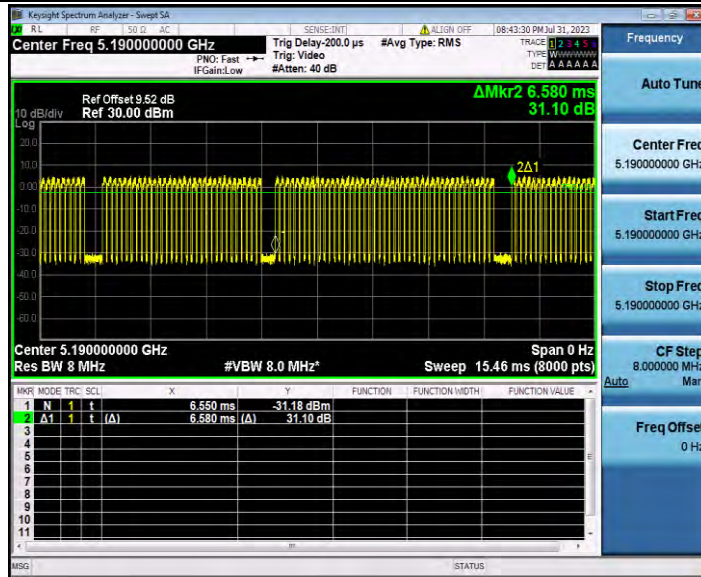
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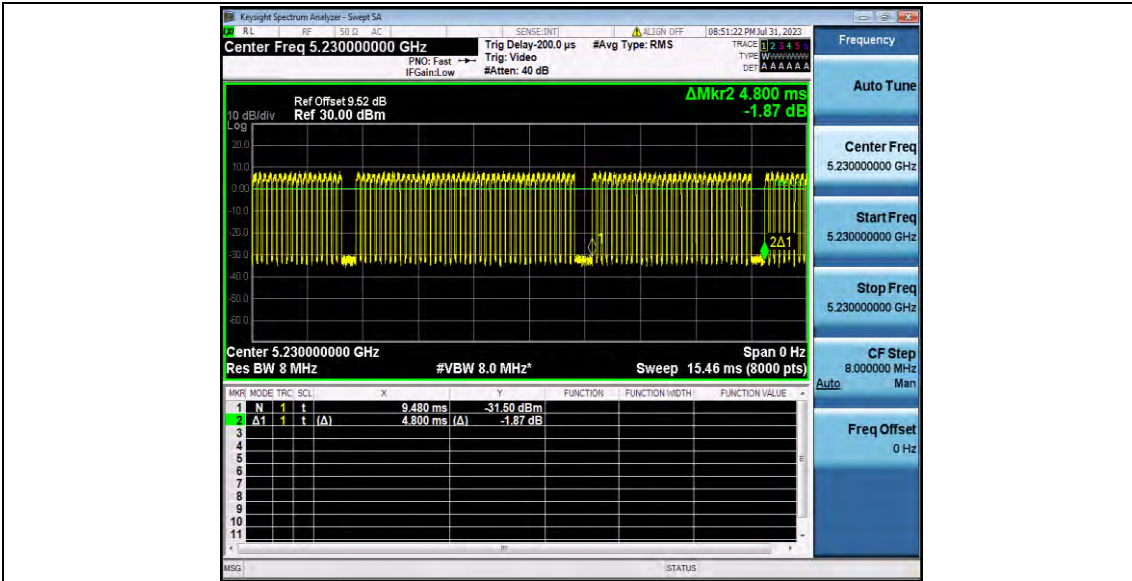
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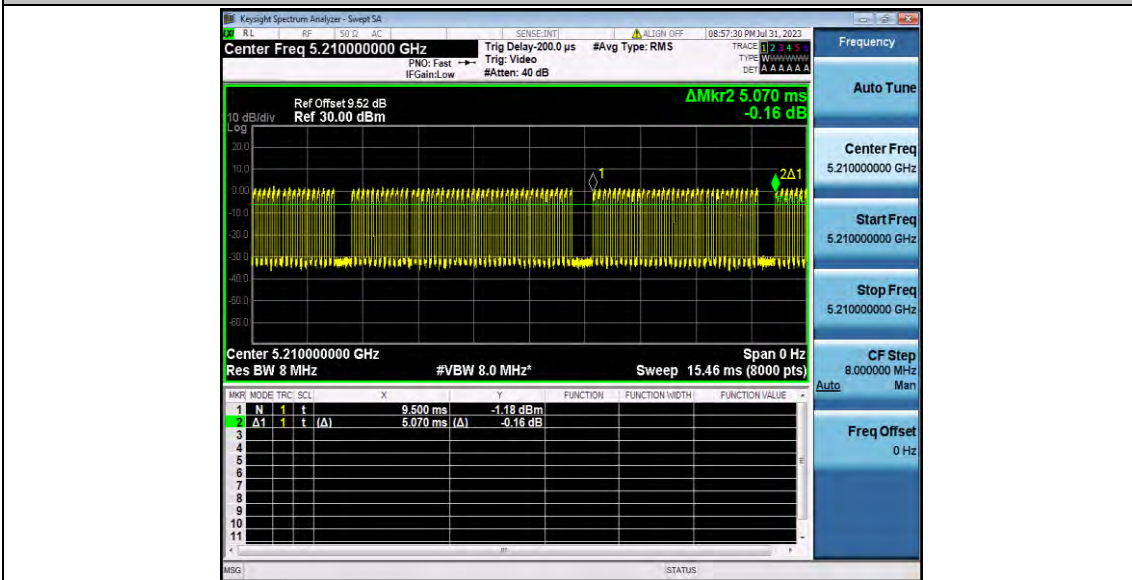
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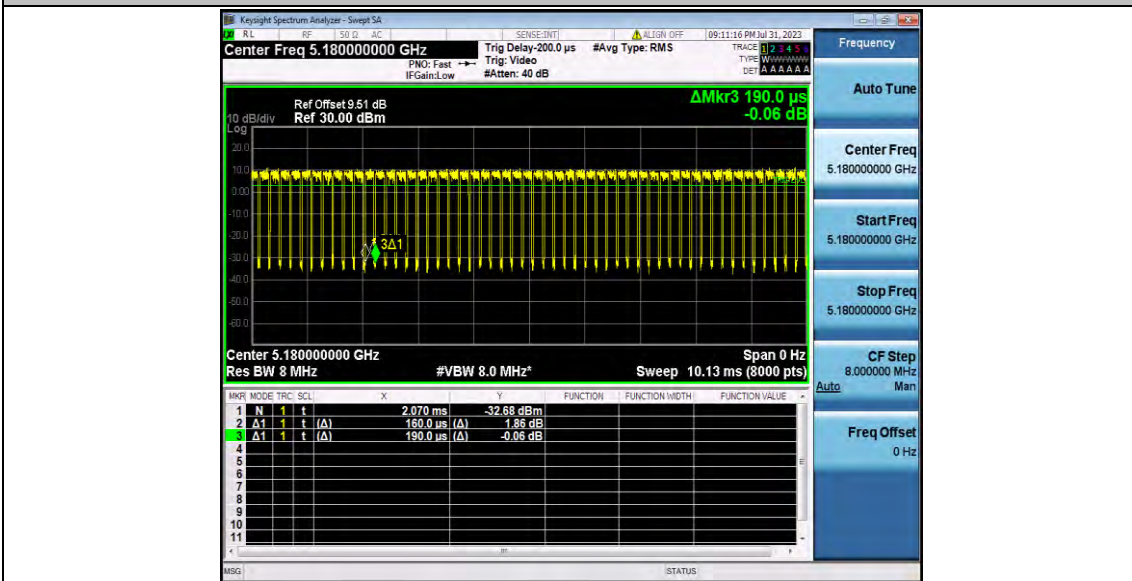
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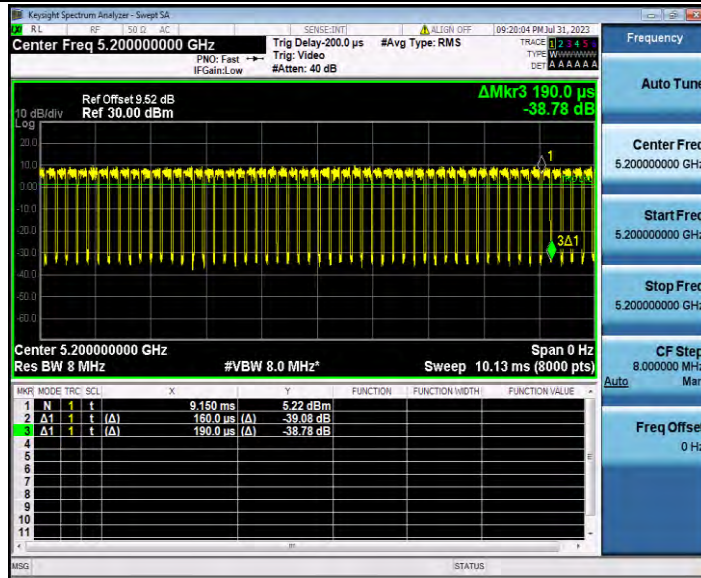
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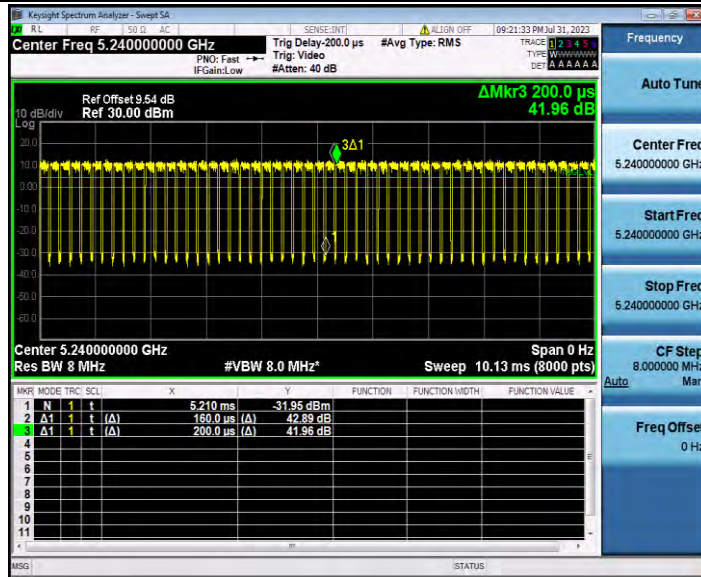
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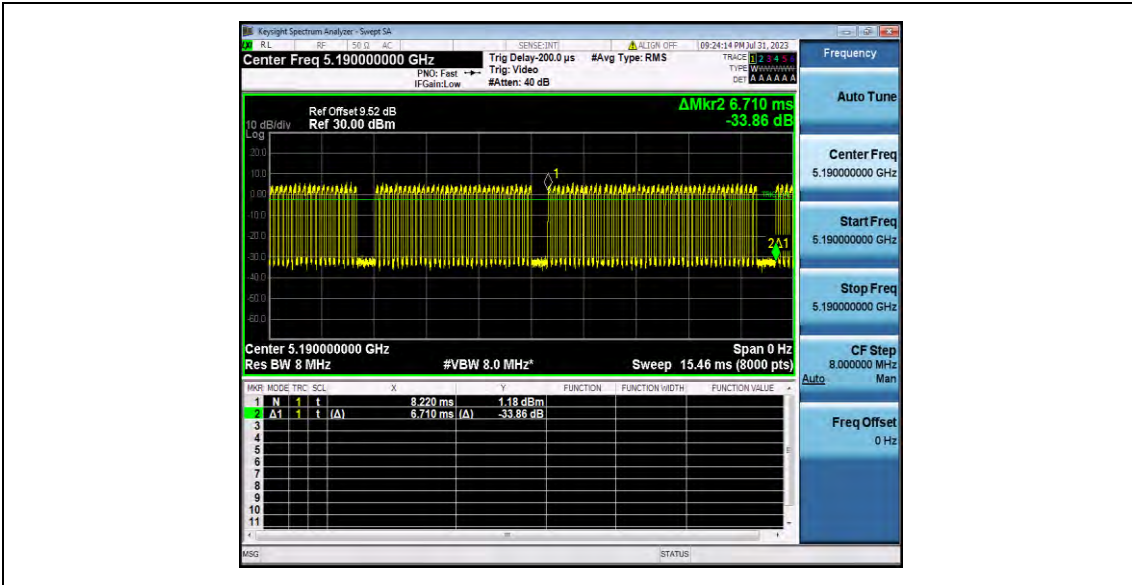
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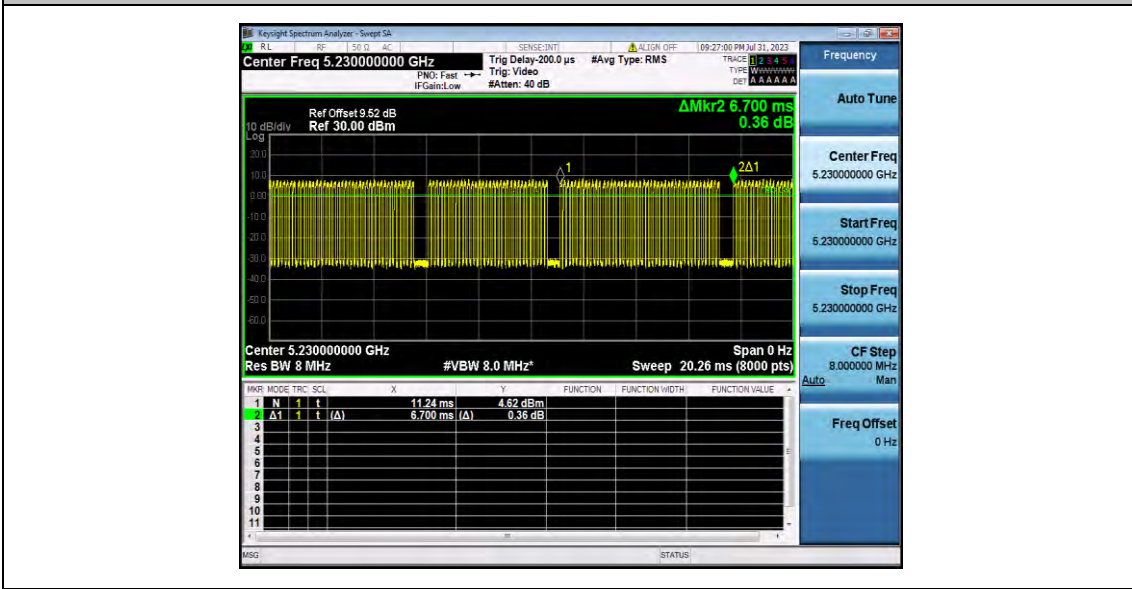
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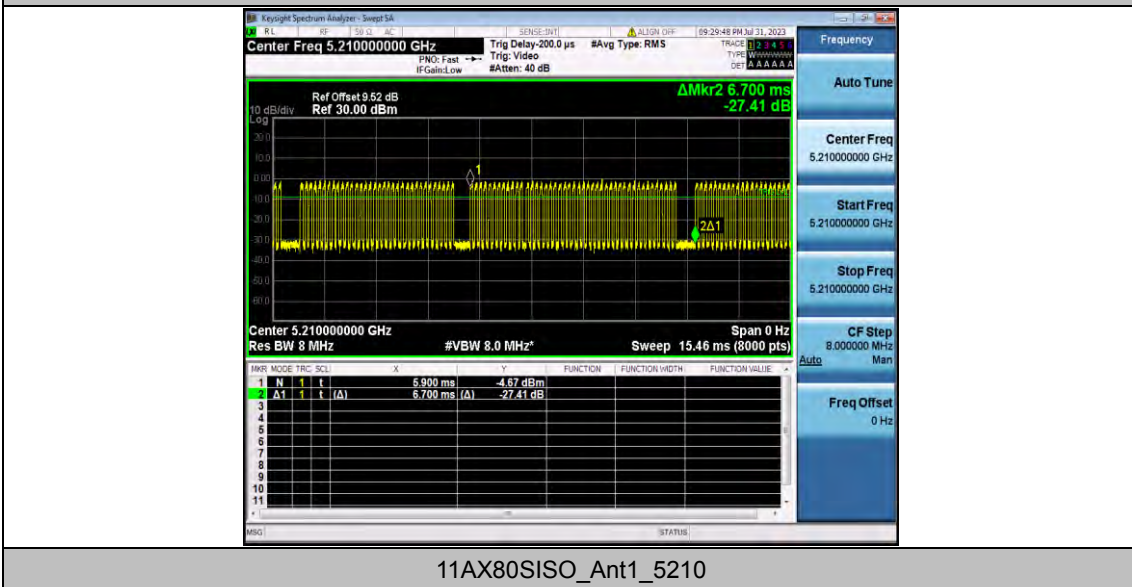
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210