

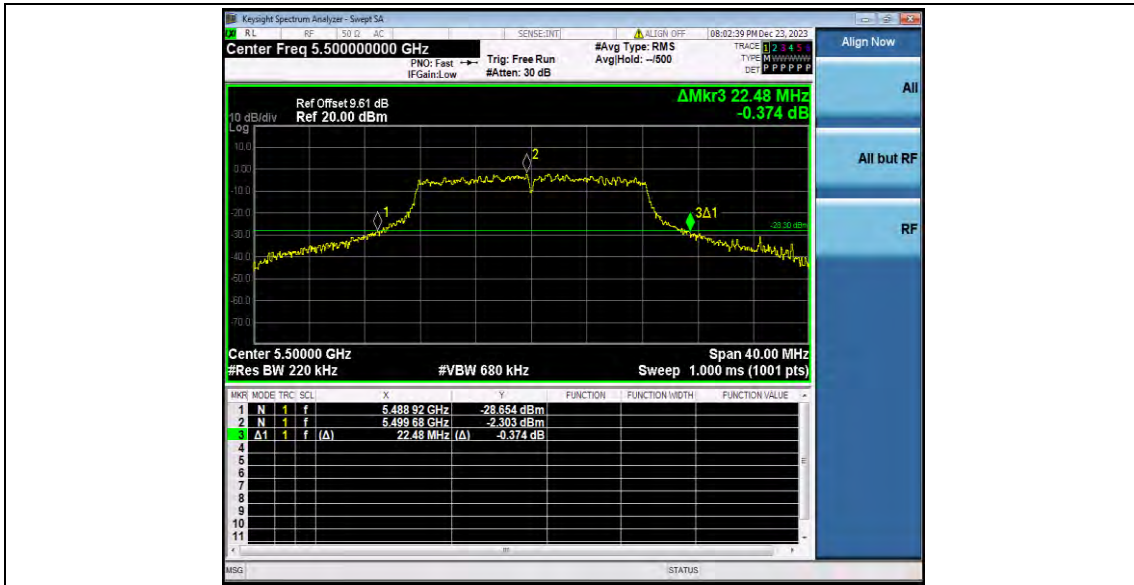
| |
|--|
| Case No. : <u>GTS20231018011-1-41</u> |
| Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa, |
| Test Date: <u>2023.12.22</u> Test Engineer: <u>Evan ouyang</u> |

Appendix F.1: Emission Bandwidth

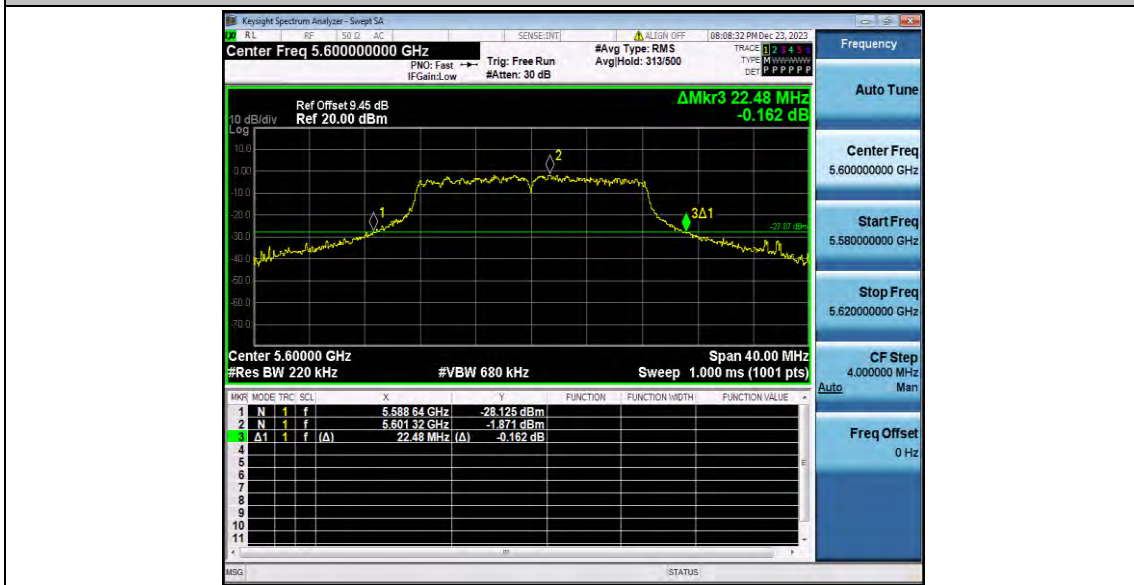
Test Result

| Test Mode | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------------|----------|----------|------------|---------|
| 11A | Ant0 | 5500 | 22.480 | 5488.920 | 5511.400 | --- | --- |
| | | 5600 | 22.480 | 5588.640 | 5611.120 | --- | --- |
| | | 5700 | 22.720 | 5688.160 | 5710.880 | --- | --- |
| 11N20SISO | Ant0 | 5500 | 22.440 | 5488.840 | 5511.280 | --- | --- |
| | | 5600 | 23.680 | 5587.800 | 5611.480 | --- | --- |
| | | 5700 | 23.160 | 5688.560 | 5711.720 | --- | --- |
| 11N40SISO | Ant0 | 5510 | 39.200 | 5490.480 | 5529.680 | --- | --- |
| | | 5590 | 39.600 | 5570.320 | 5609.920 | --- | --- |
| | | 5670 | 39.200 | 5650.320 | 5689.520 | --- | --- |
| 11AC20SISO | Ant0 | 5500 | 22.760 | 5488.800 | 5511.560 | --- | --- |
| | | 5600 | 22.960 | 5588.480 | 5611.440 | --- | --- |
| | | 5700 | 22.920 | 5688.600 | 5711.520 | --- | --- |
| 11AC40SISO | Ant0 | 5510 | 39.680 | 5490.080 | 5529.760 | --- | --- |
| | | 5590 | 39.520 | 5570.320 | 5609.840 | --- | --- |
| | | 5670 | 39.360 | 5650.480 | 5689.840 | --- | --- |
| 11AC80SISO | Ant0 | 5530 | 79.840 | 5490.320 | 5570.160 | --- | --- |
| | | 5610 | 80.000 | 5570.160 | 5650.160 | --- | --- |
| 11AX20SISO | Ant0 | 5500 | 22.920 | 5488.880 | 5511.800 | --- | --- |
| | | 5600 | 24.920 | 5588.000 | 5612.920 | --- | --- |
| | | 5700 | 24.560 | 5687.640 | 5712.200 | --- | --- |
| 11AX40SISO | Ant0 | 5510 | 39.760 | 5490.160 | 5529.920 | --- | --- |
| | | 5590 | 39.760 | 5570.160 | 5609.920 | --- | --- |
| | | 5670 | 39.600 | 5650.240 | 5689.840 | --- | --- |
| 11AX80SISO | Ant0 | 5530 | 80.480 | 5489.840 | 5570.320 | --- | --- |
| | | 5610 | 80.480 | 5569.840 | 5650.320 | --- | --- |

Test Graphs



11A_Ant0_5500



11A_Ant0_5600



11A_Ant0_5700



11N20SISO_Ant0_5500



11N20SISO_Ant0_5600



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



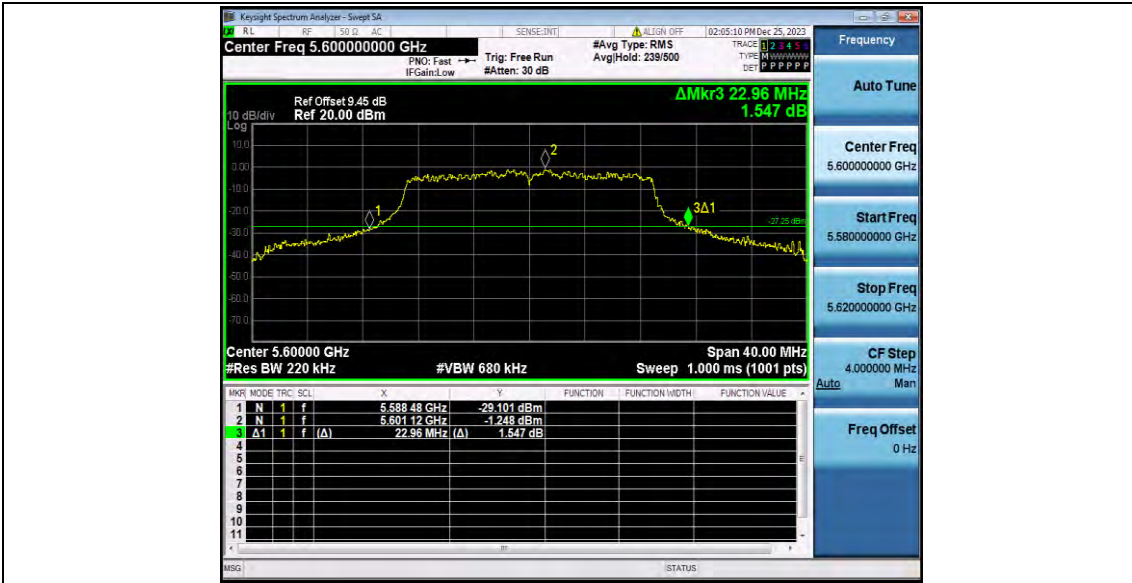
11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5600



11AC20SISO_Ant0_5700



11AC40SISO_Ant0_5510



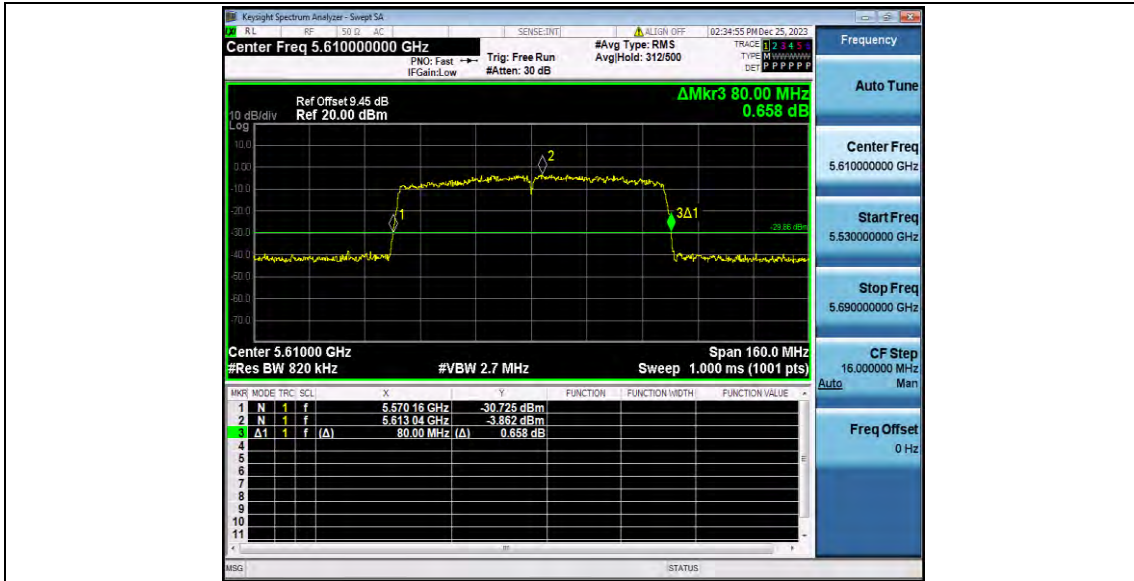
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11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



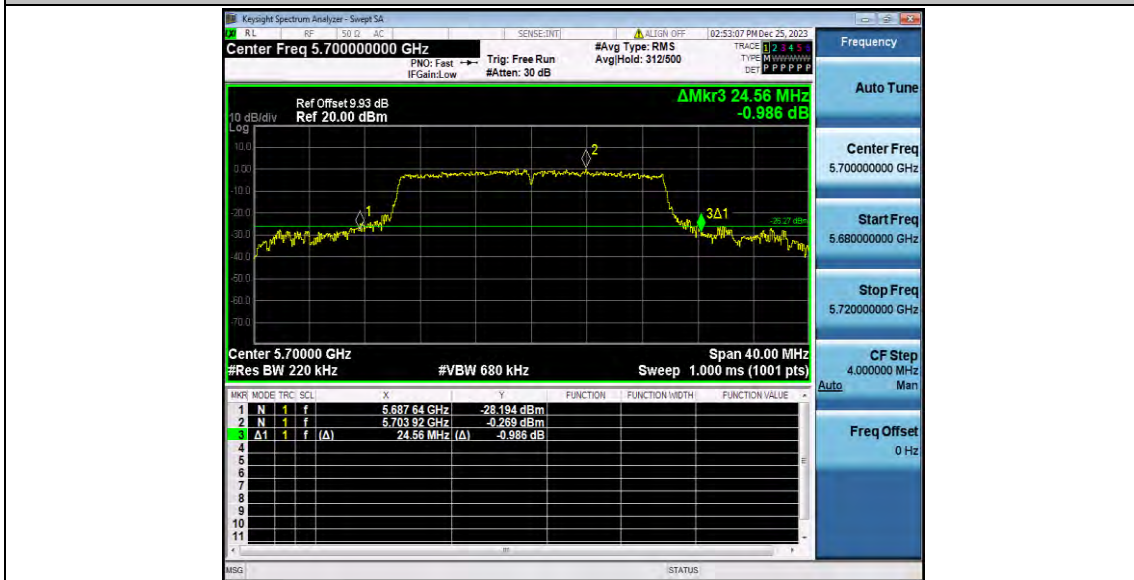
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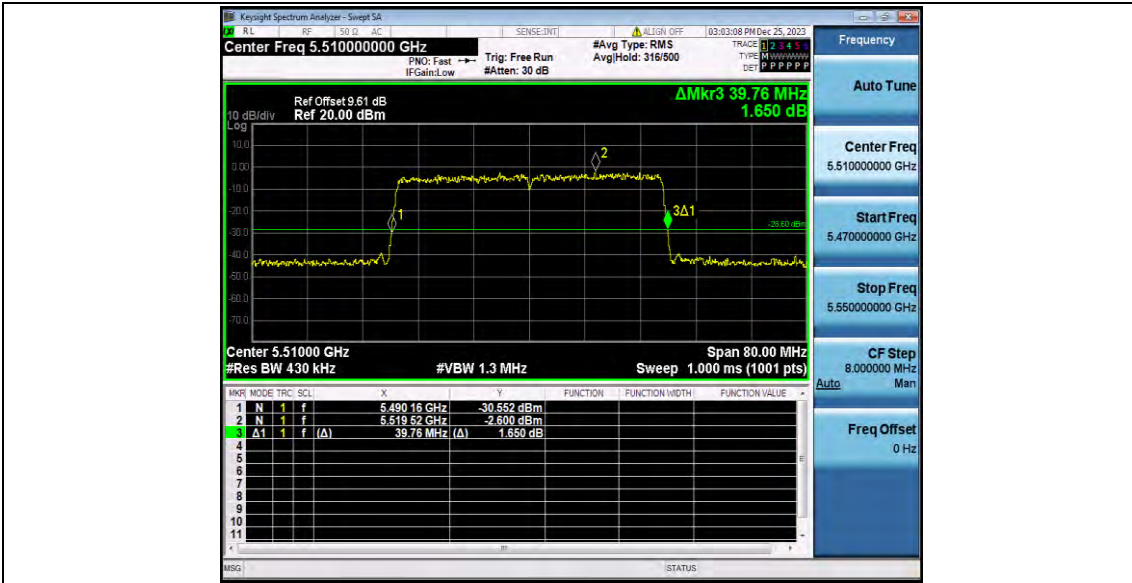
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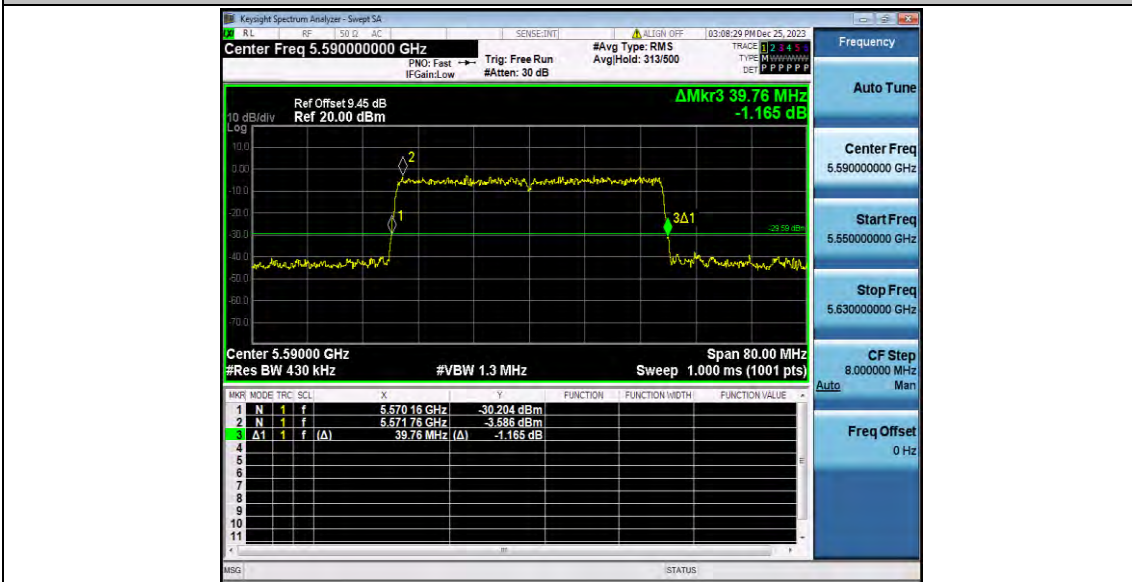
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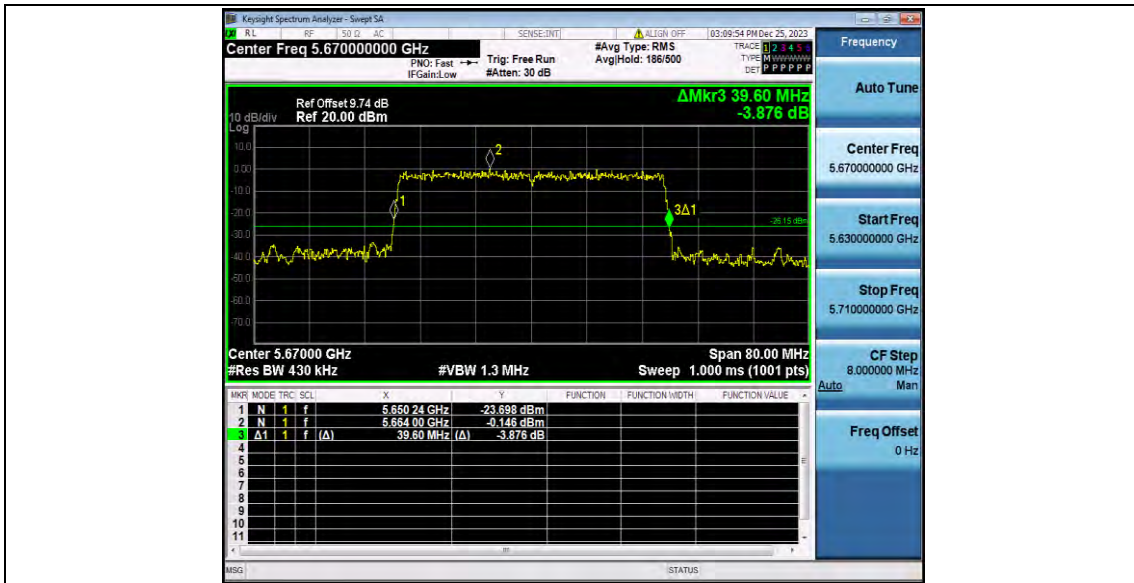
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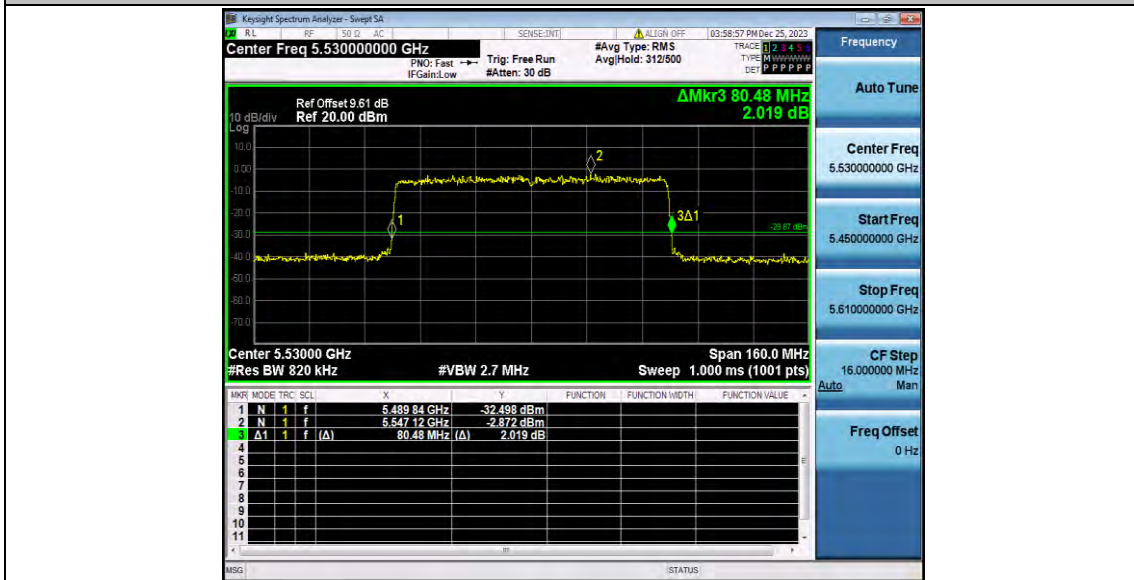
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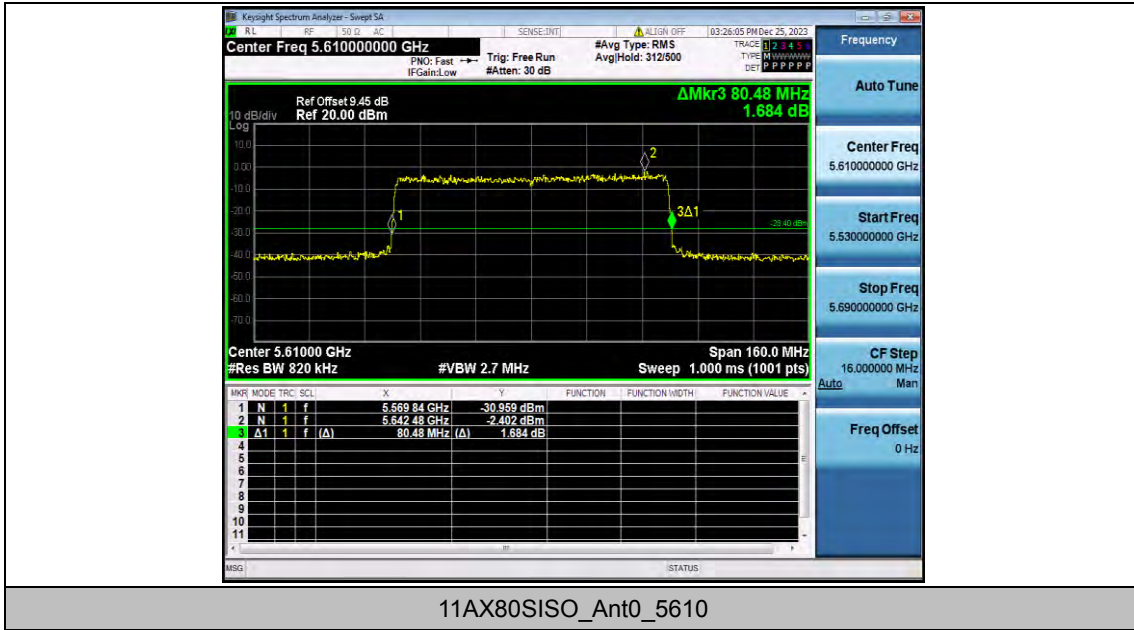
11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610

Appendix F.2: Occupied channel bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A | Ant0 | 5500 | 17.383 | 5491.358 | 5508.741 | --- | --- |
| | | 5600 | 17.325 | 5591.326 | 5608.651 | --- | --- |
| | | 5700 | 17.412 | 5691.217 | 5708.629 | --- | --- |
| 11N20SISO | Ant0 | 5500 | 17.471 | 5491.393 | 5508.864 | --- | --- |
| | | 5600 | 17.496 | 5591.338 | 5608.834 | --- | --- |
| | | 5700 | 17.474 | 5691.274 | 5708.748 | --- | --- |
| 11N40SISO | Ant0 | 5510 | 35.920 | 5492.209 | 5528.129 | --- | --- |
| | | 5590 | 36.035 | 5572.092 | 5608.127 | --- | --- |
| | | 5670 | 35.927 | 5652.066 | 5687.993 | --- | --- |
| 11AC20SISO | Ant0 | 5500 | 18.306 | 5490.901 | 5509.207 | --- | --- |
| | | 5600 | 18.275 | 5590.882 | 5609.157 | --- | --- |
| | | 5700 | 18.261 | 5690.843 | 5709.104 | --- | --- |
| 11AC40SISO | Ant0 | 5510 | 35.905 | 5492.192 | 5528.097 | --- | --- |
| | | 5590 | 36.049 | 5572.065 | 5608.114 | --- | --- |
| | | 5670 | 35.969 | 5652.053 | 5688.022 | --- | --- |
| 11AC80SISO | Ant0 | 5530 | 75.270 | 5492.489 | 5567.759 | --- | --- |
| | | 5610 | 75.538 | 5572.417 | 5647.955 | --- | --- |
| 11AX20SISO | Ant0 | 5500 | 19.317 | 5490.421 | 5509.738 | --- | --- |
| | | 5600 | 19.334 | 5590.387 | 5609.721 | --- | --- |
| | | 5700 | 19.323 | 5690.377 | 5709.700 | --- | --- |
| 11AX40SISO | Ant0 | 5510 | 37.930 | 5491.062 | 5528.992 | --- | --- |
| | | 5590 | 37.979 | 5571.068 | 5609.047 | --- | --- |
| | | 5670 | 37.947 | 5651.032 | 5688.979 | --- | --- |
| 11AX80SISO | Ant0 | 5530 | 77.591 | 5491.332 | 5568.923 | --- | --- |
| | | 5610 | 77.846 | 5571.252 | 5649.098 | --- | --- |

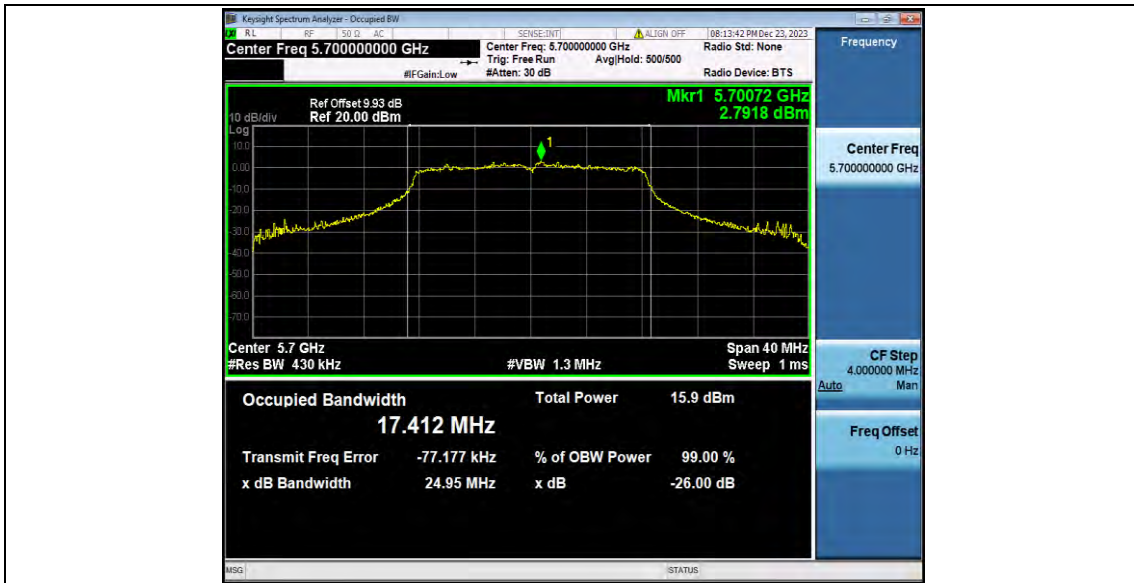
Test Graphs



11A_Ant0_5500



11A_Ant0_5600



11A_Ant0_5700



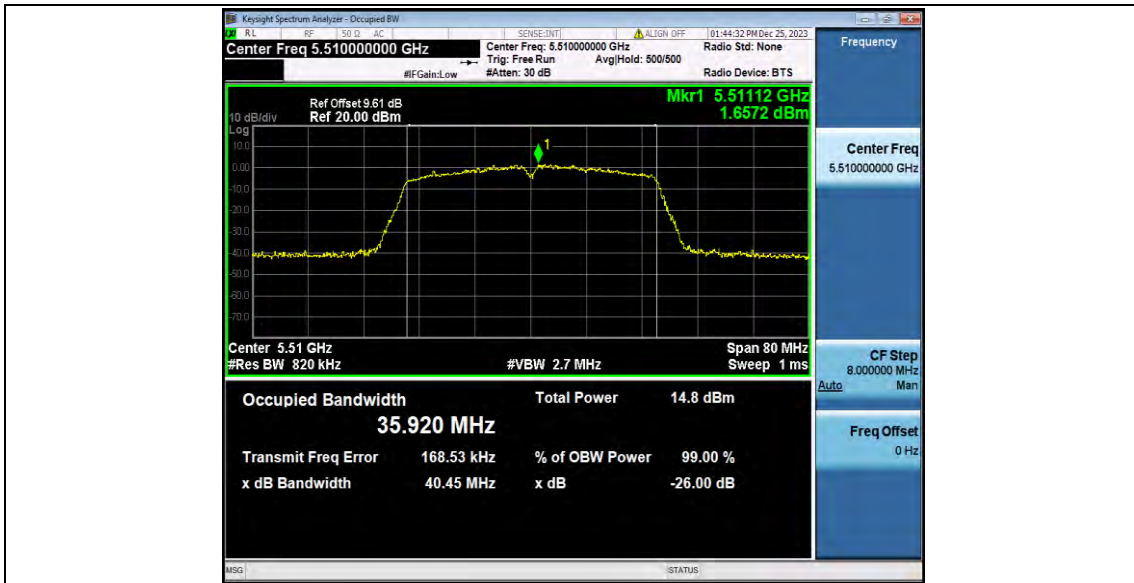
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11N20SISO_Ant0_5600



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



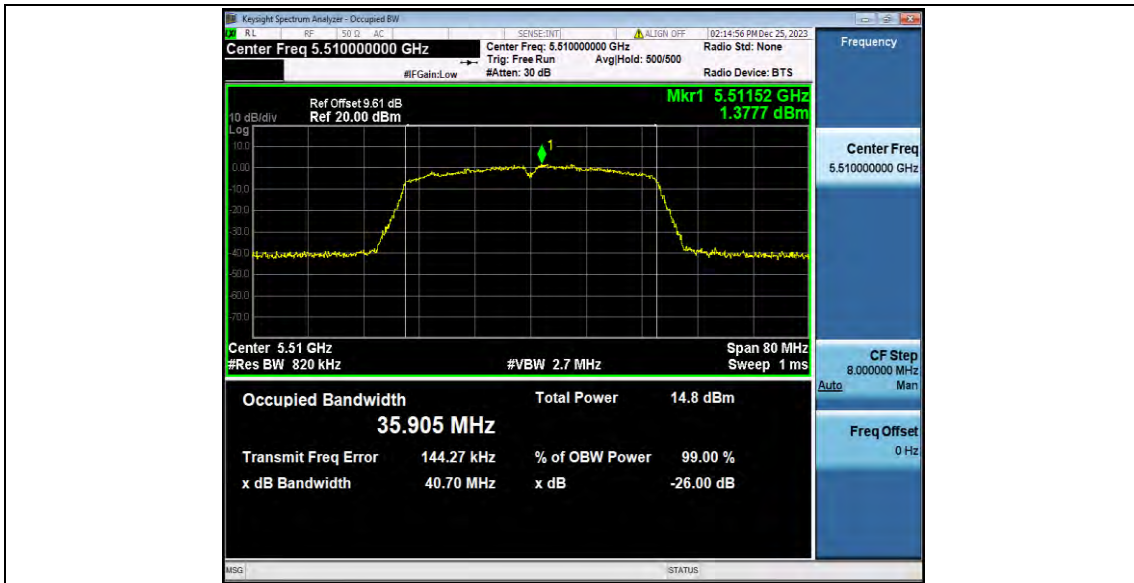
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11AC20SISO_Ant0_5600



11AC20SISO_Ant0_5700



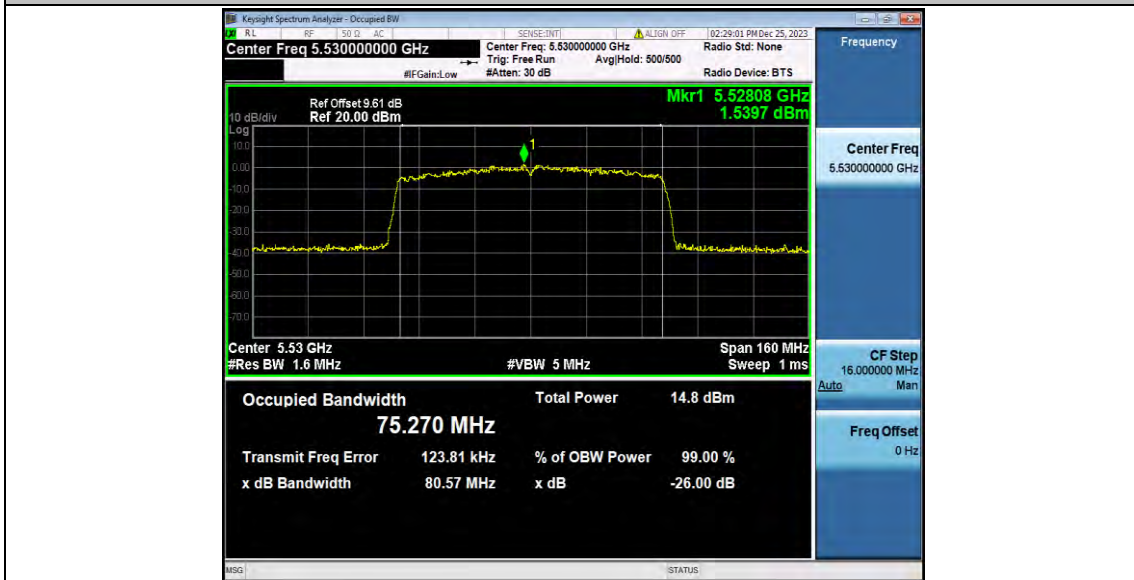
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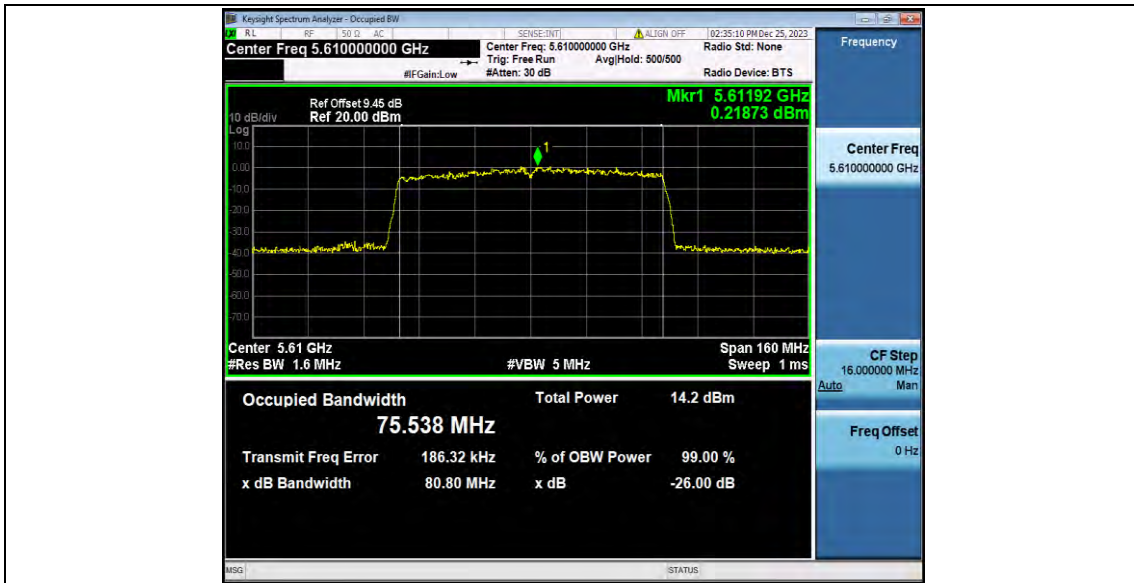
11AC40SISO_Ant0_5590



11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



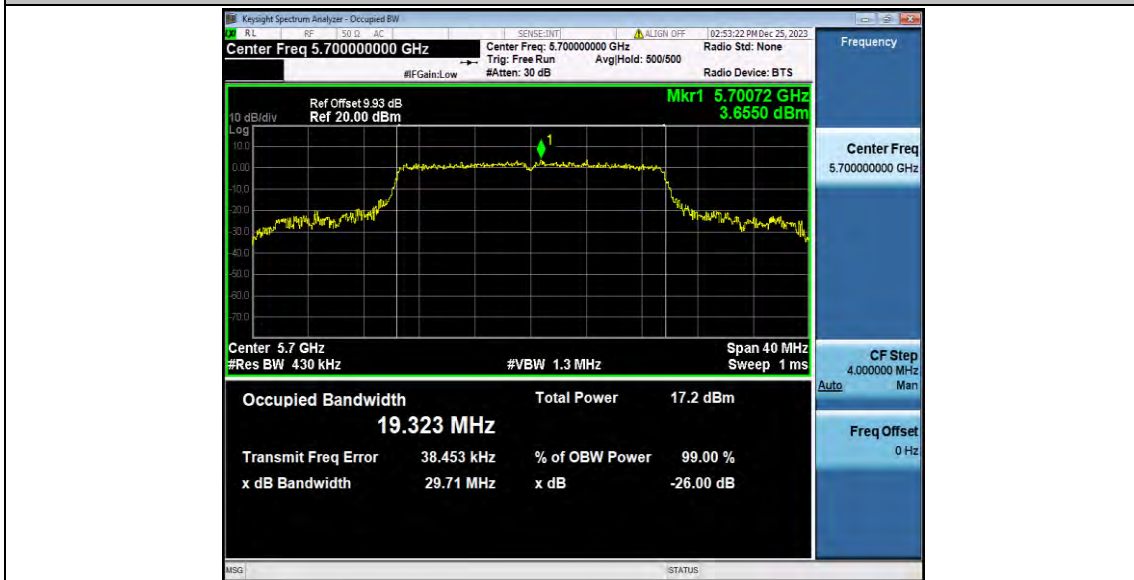
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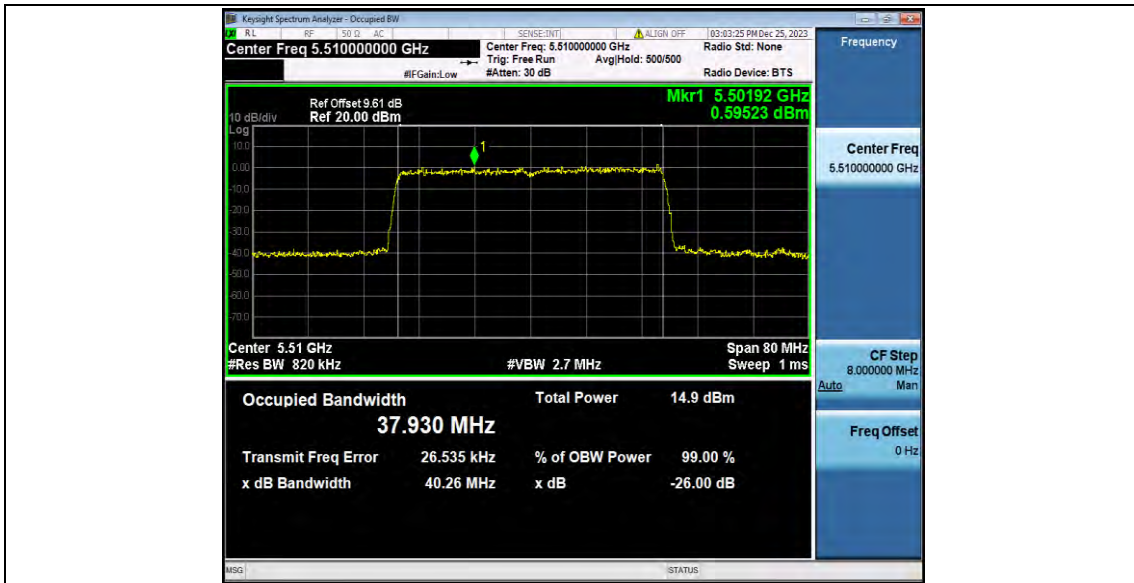
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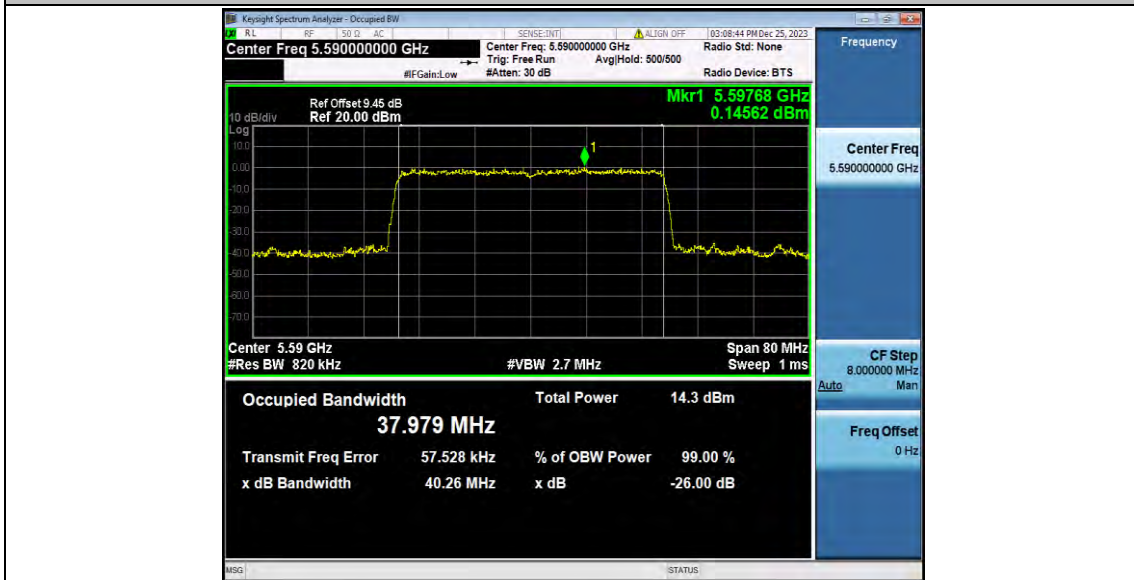
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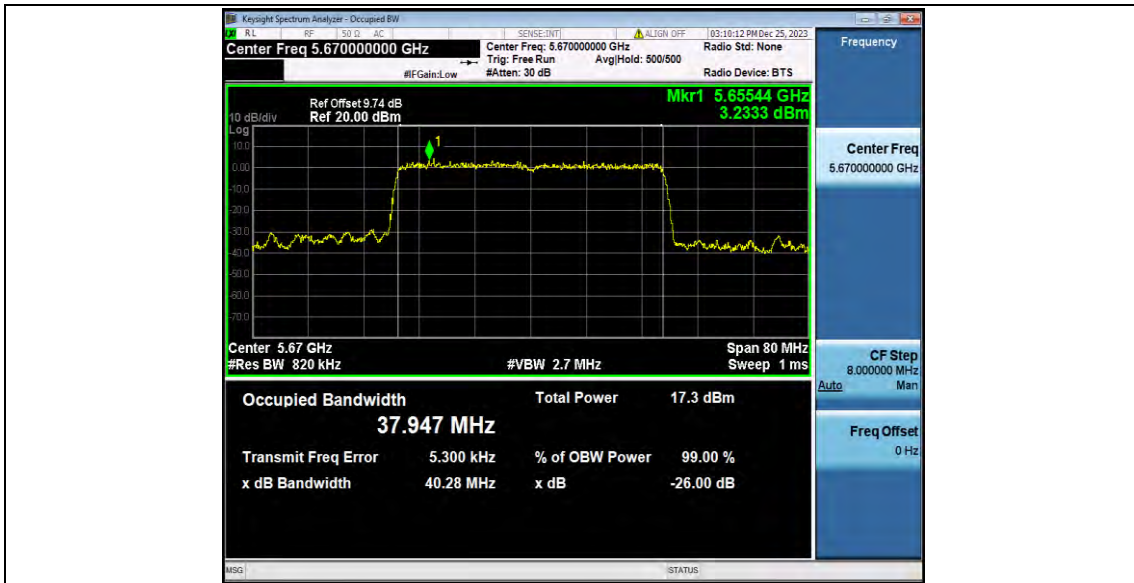
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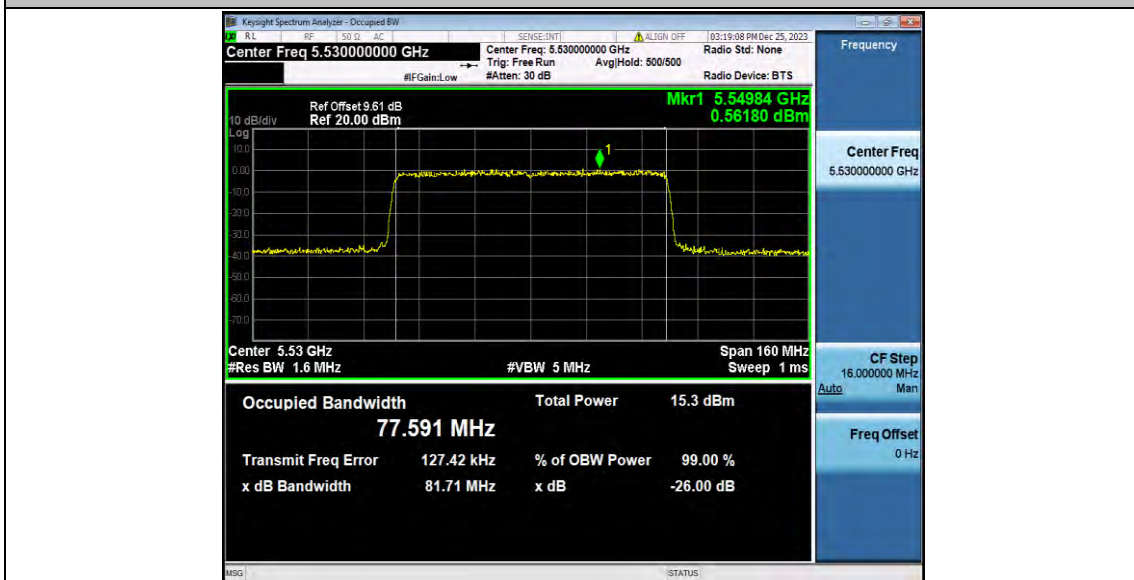
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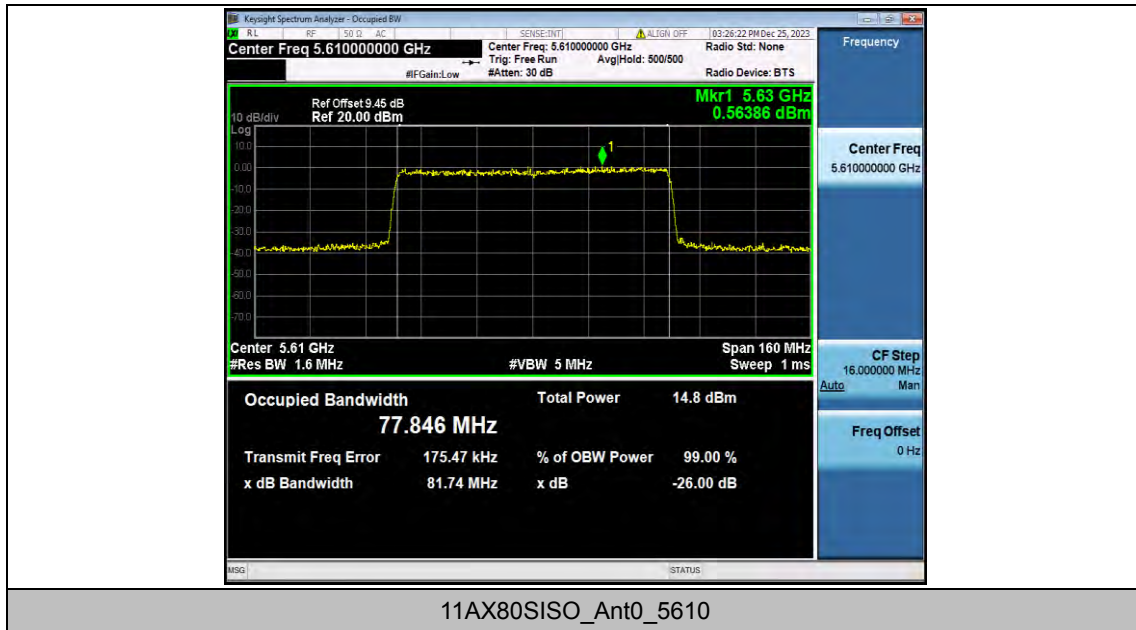
11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



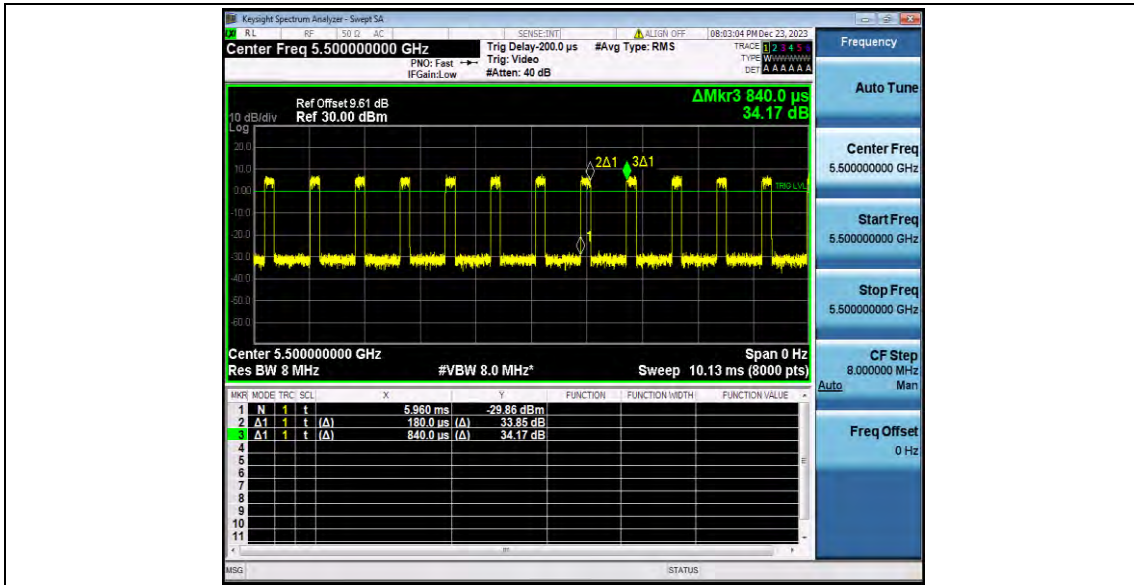
11AX80SISO_Ant0_5610

Appendix F.3: Duty Cycle

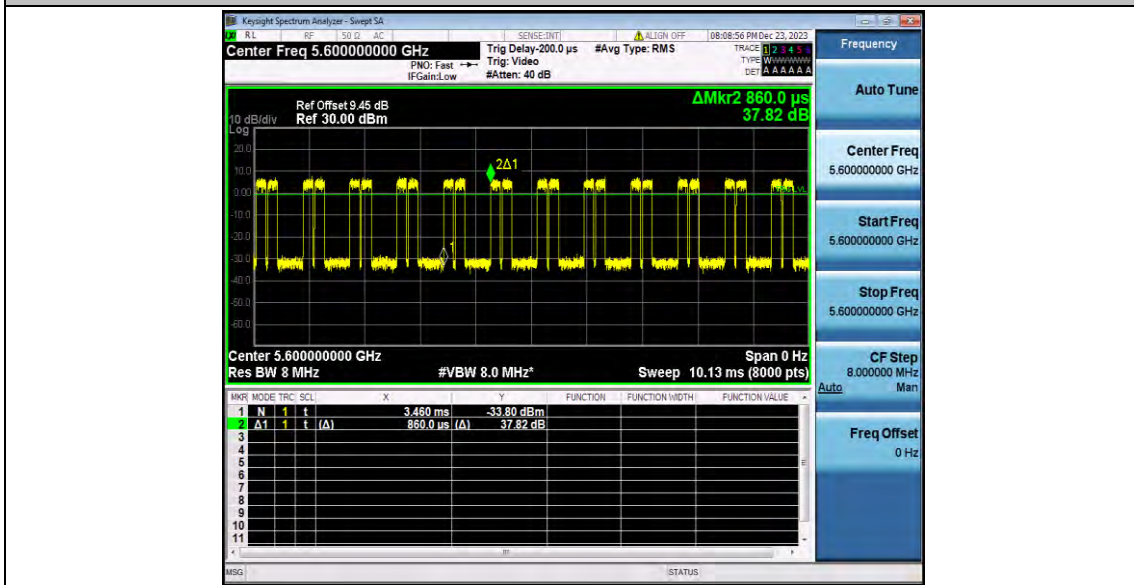
Test Result

| Test Mode | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A | Ant0 | 5500 | 0.18 | 0.84 | 21.43 |
| | | 5600 | 0.35 | 0.86 | 40.70 |
| | | 5700 | 2.64 | 3.69 | 71.54 |
| 11N20SISO | Ant0 | 5500 | 0.71 | 1.35 | 52.59 |
| | | 5600 | 0.71 | 0.74 | 95.95 |
| | | 5700 | 0.70 | 0.74 | 94.59 |
| 11N40SISO | Ant0 | 5510 | 3.02 | 4.52 | 66.81 |
| | | 5590 | 2.50 | 3.71 | 67.39 |
| | | 5670 | 3.85 | 5.59 | 68.87 |
| 11AC20SISO | Ant0 | 5500 | 0.17 | 0.21 | 80.95 |
| | | 5600 | 0.17 | 0.21 | 80.95 |
| | | 5700 | 0.17 | 0.20 | 85.00 |
| 11AC40SISO | Ant0 | 5510 | 4.57 | 6.56 | 69.66 |
| | | 5590 | 3.33 | 4.79 | 69.52 |
| | | 5670 | 3.33 | 4.79 | 69.52 |
| 11AC80SISO | Ant0 | 5530 | 2.45 | 5.06 | 48.42 |
| | | 5610 | 2.45 | 5.07 | 48.32 |
| 11AX20SISO | Ant0 | 5500 | 0.16 | 0.19 | 84.21 |
| | | 5600 | 0.15 | 0.19 | 78.95 |
| | | 5700 | 0.16 | 0.19 | 84.21 |
| 11AX40SISO | Ant0 | 5510 | 3.81 | 6.71 | 56.78 |
| | | 5590 | 2.88 | 5.07 | 56.80 |
| | | 5670 | 3.81 | 6.72 | 56.70 |
| 11AX80SISO | Ant0 | 5530 | 2.56 | 5.08 | 50.39 |
| | | 5610 | 2.56 | 5.07 | 50.49 |

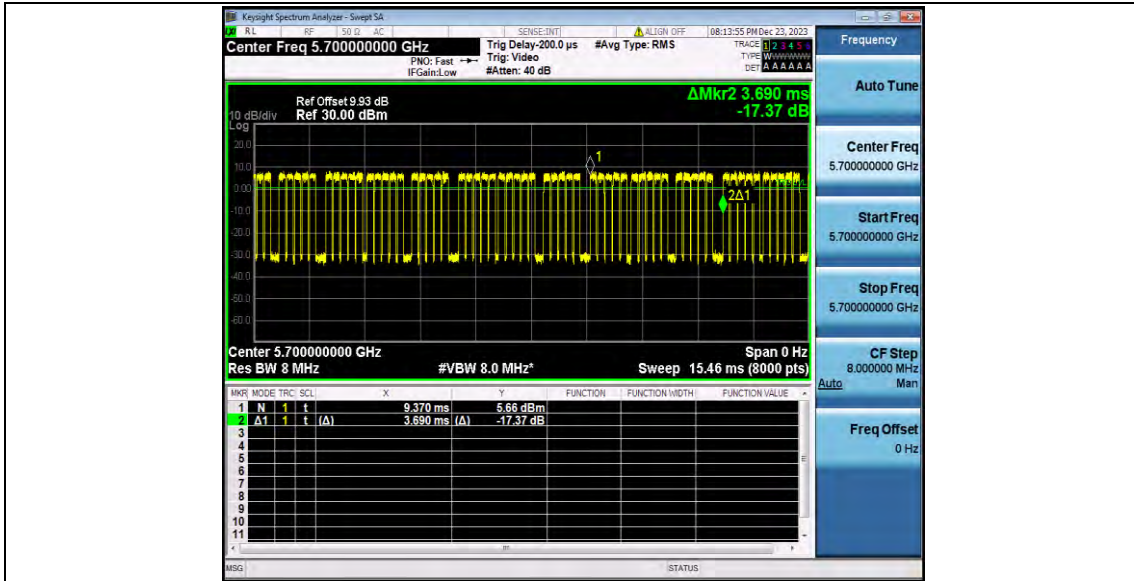
Test Graphs



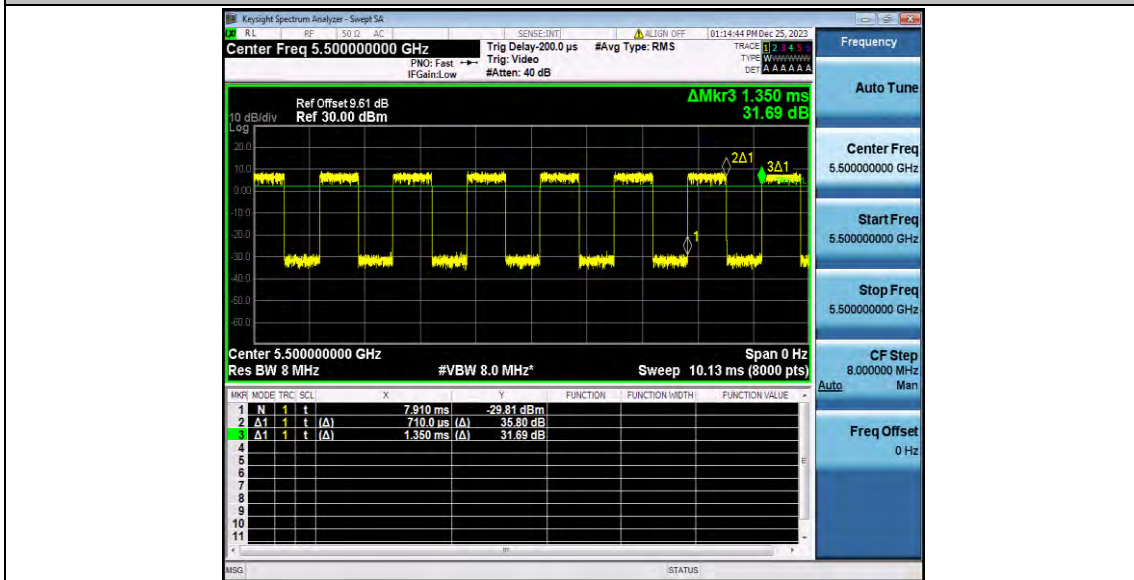
11A_Ant0_5500



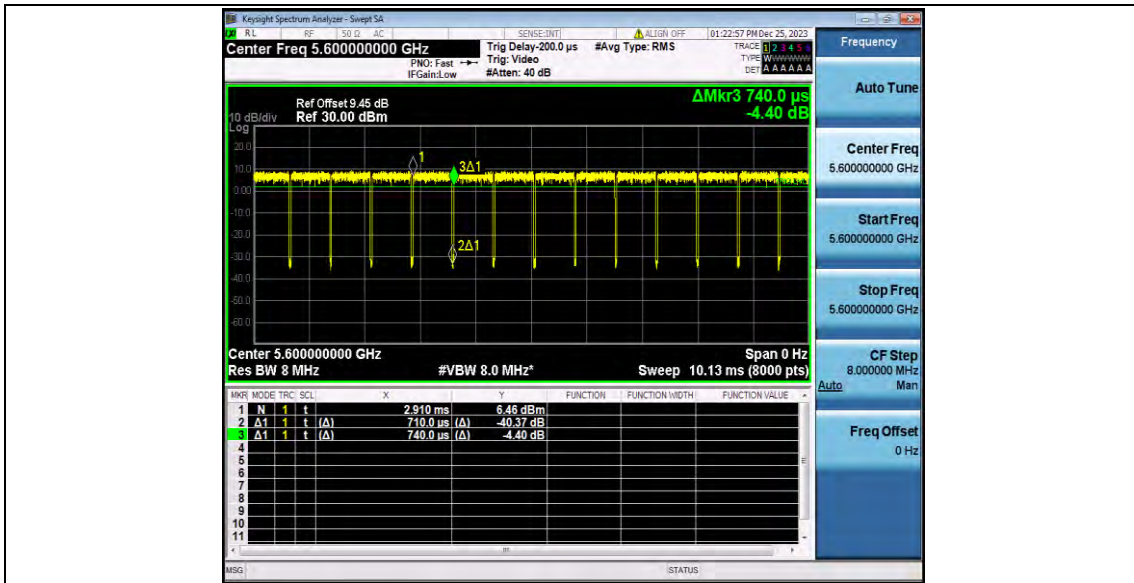
11A_Ant0_5600



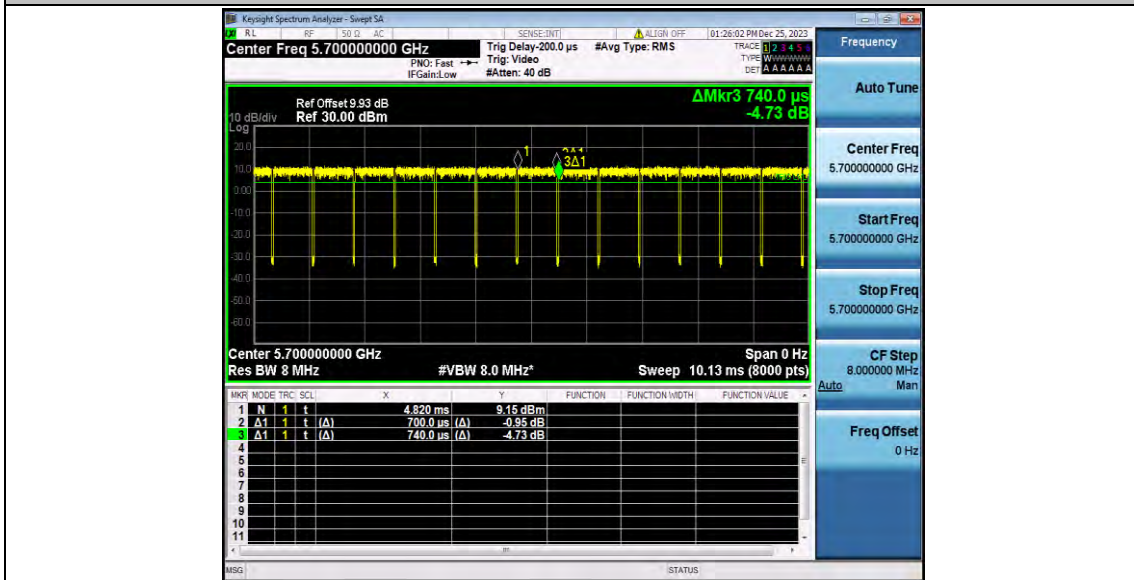
11A_Ant0_5700



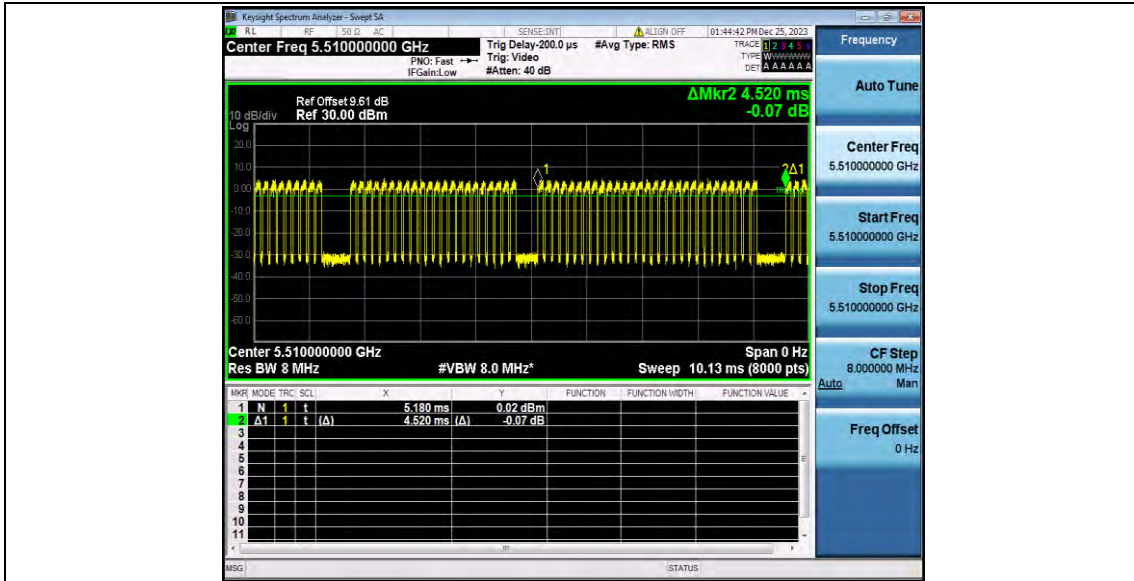
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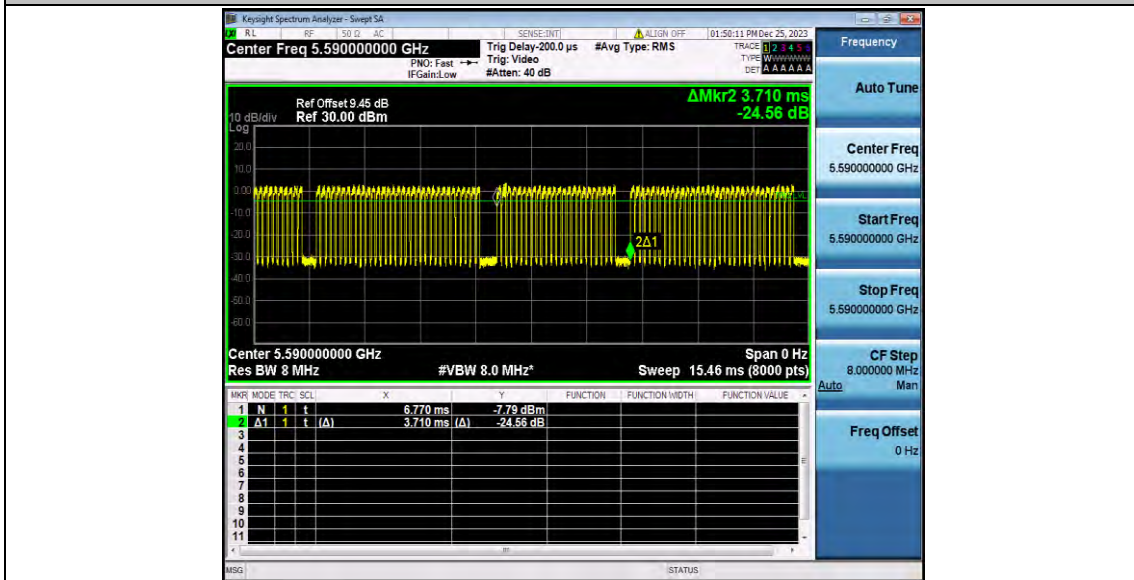
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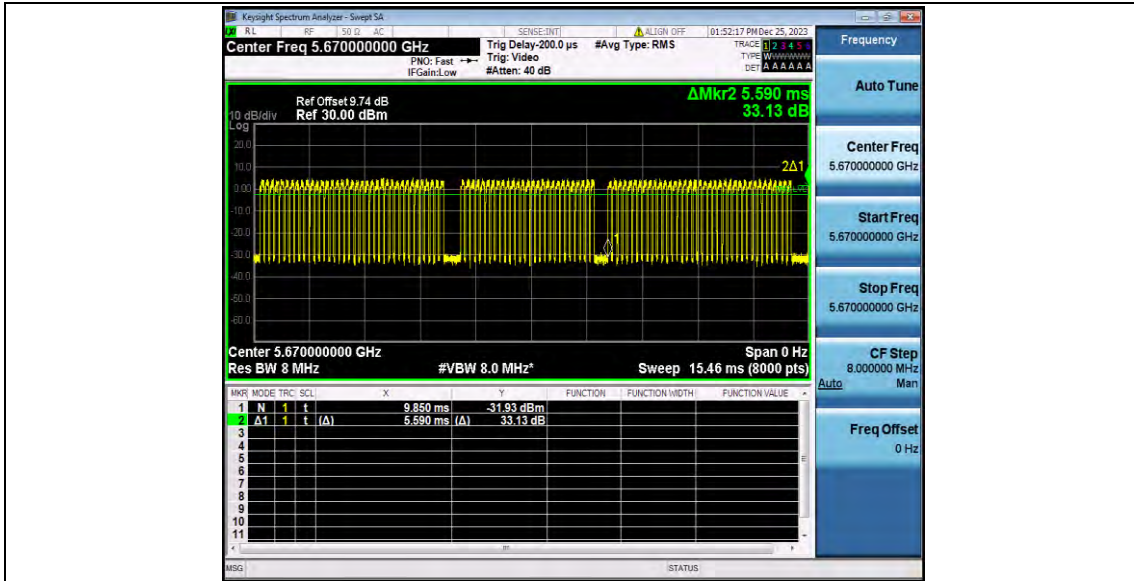
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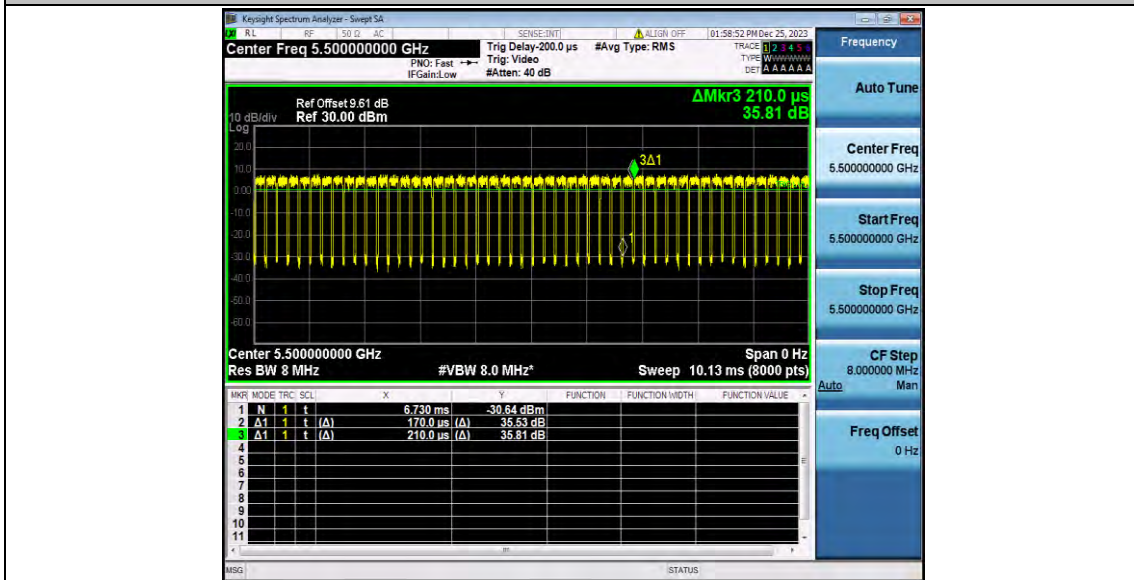
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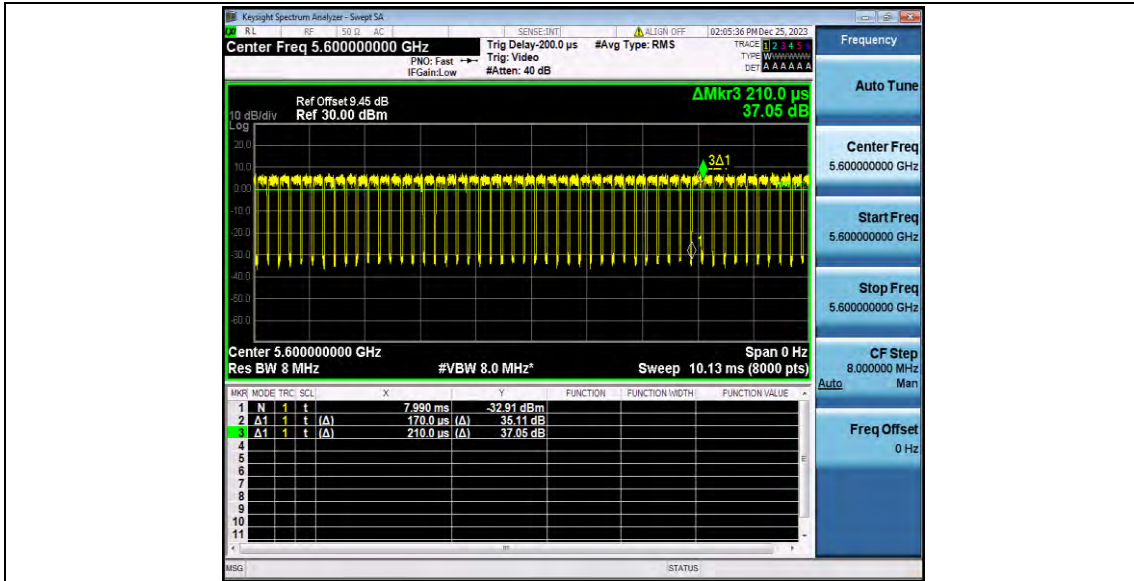
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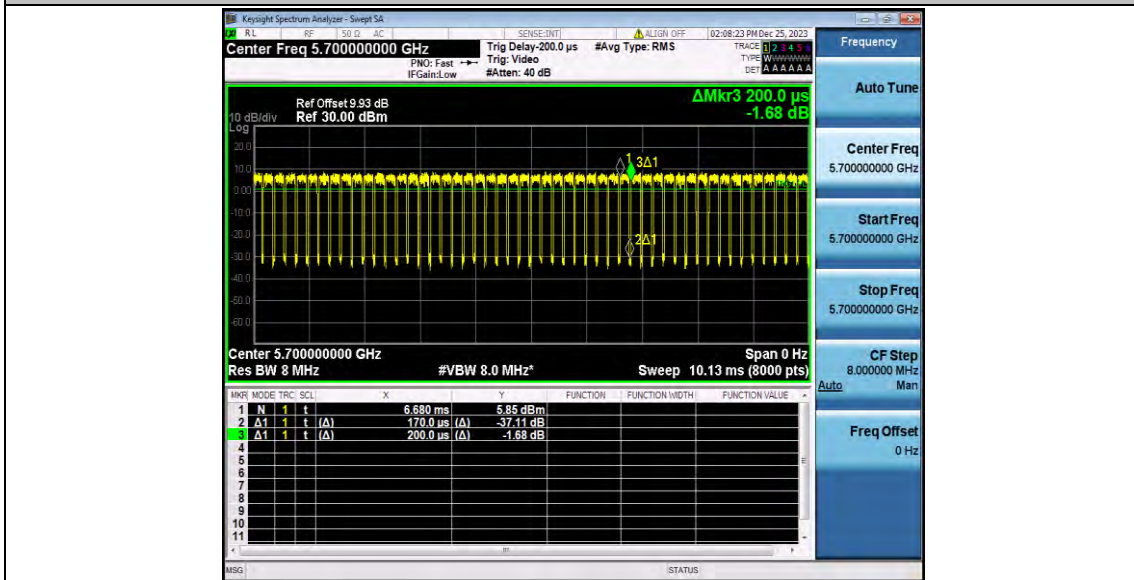
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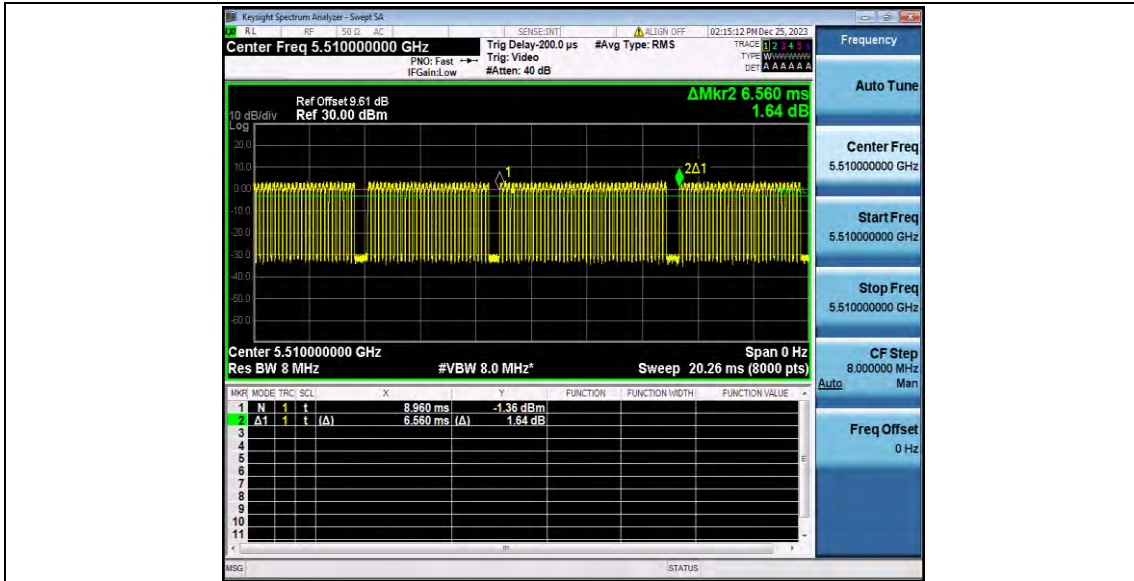
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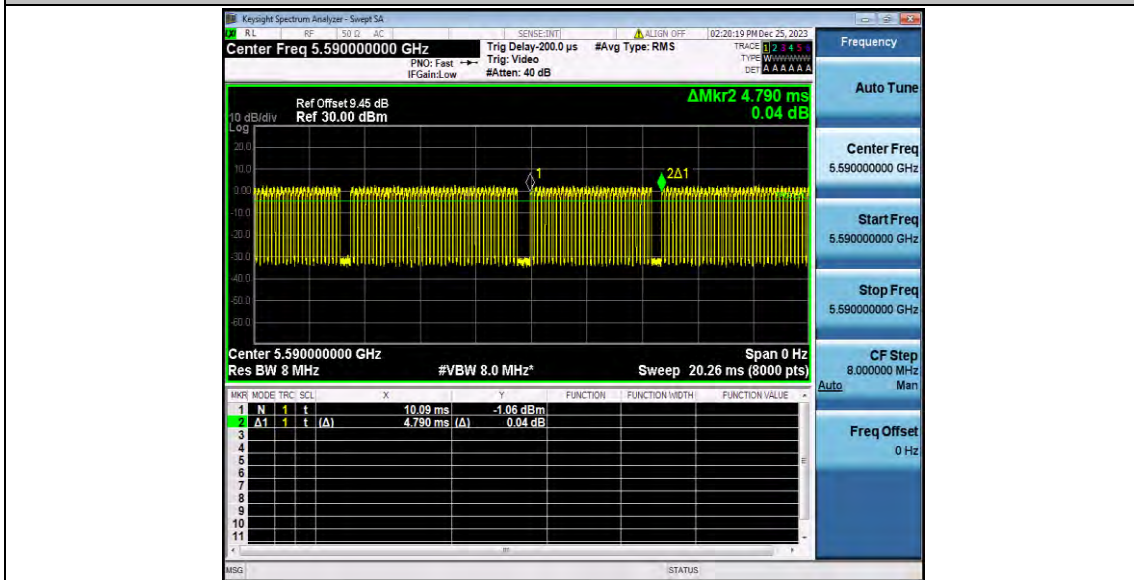
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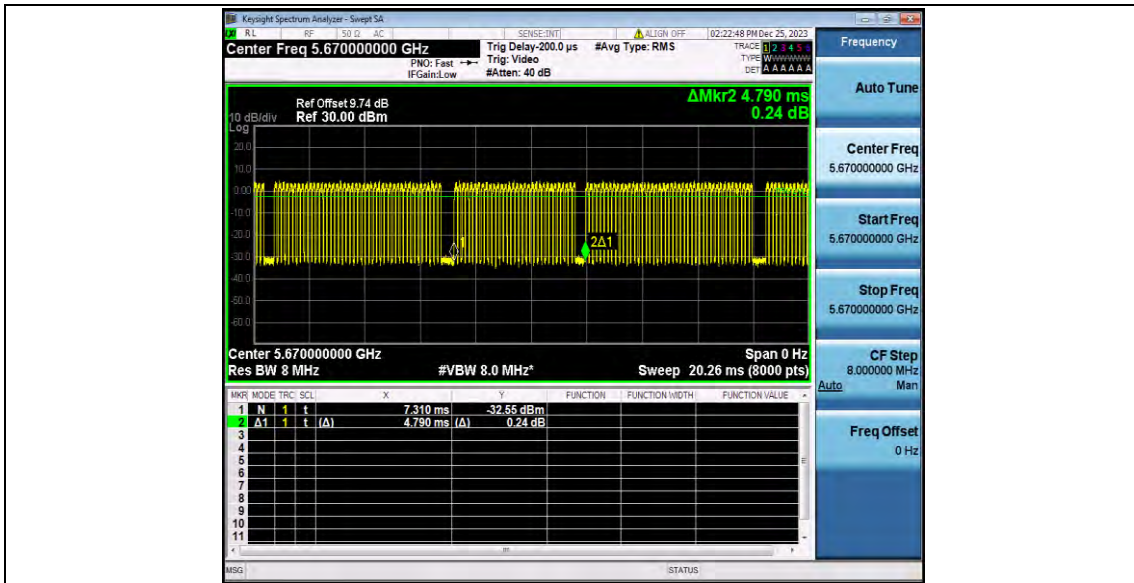
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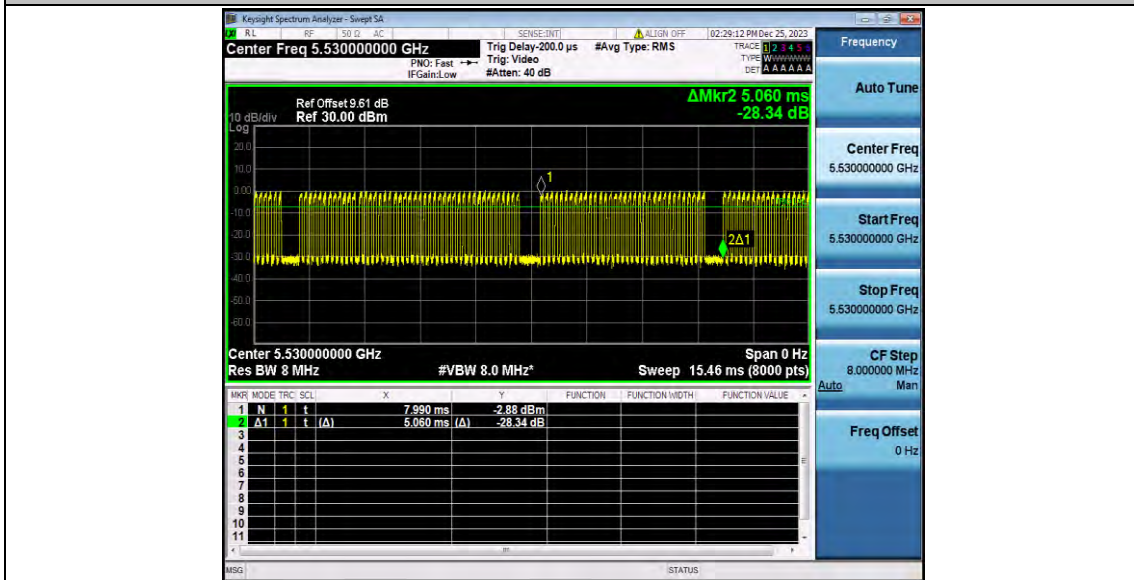
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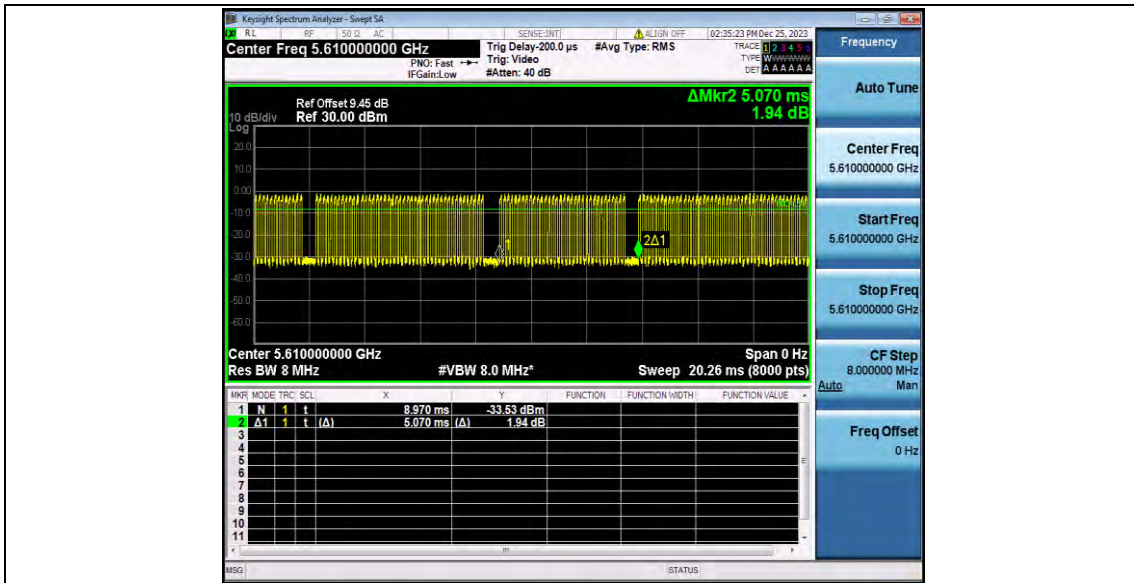
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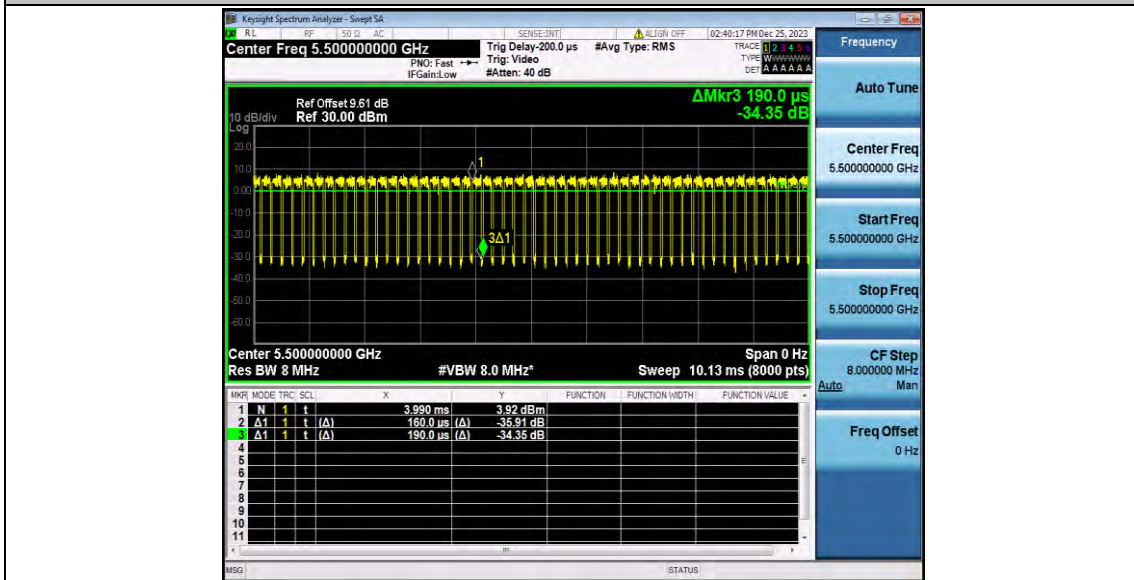
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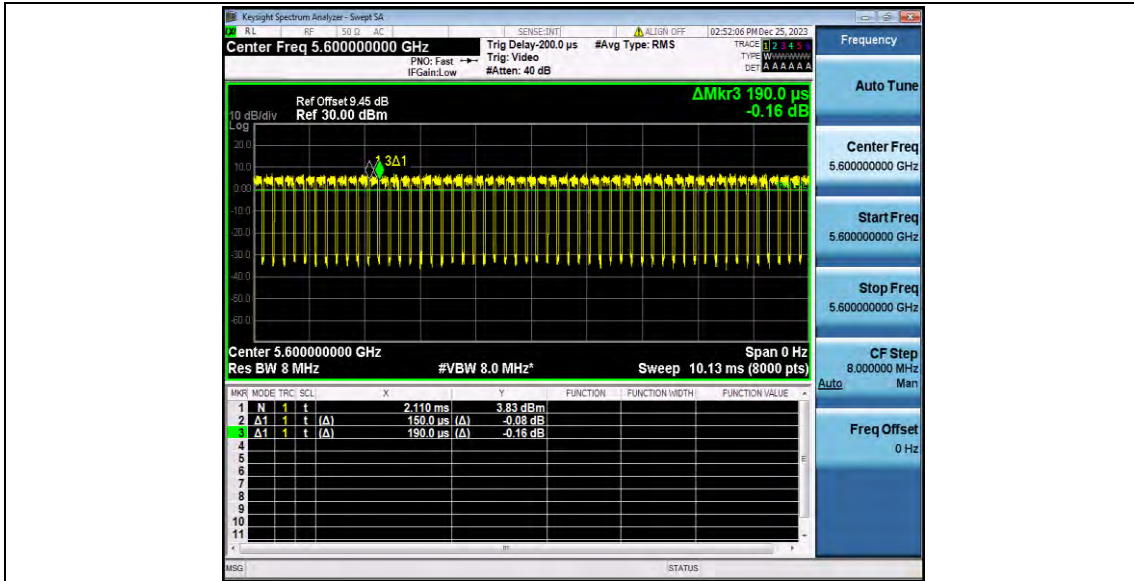
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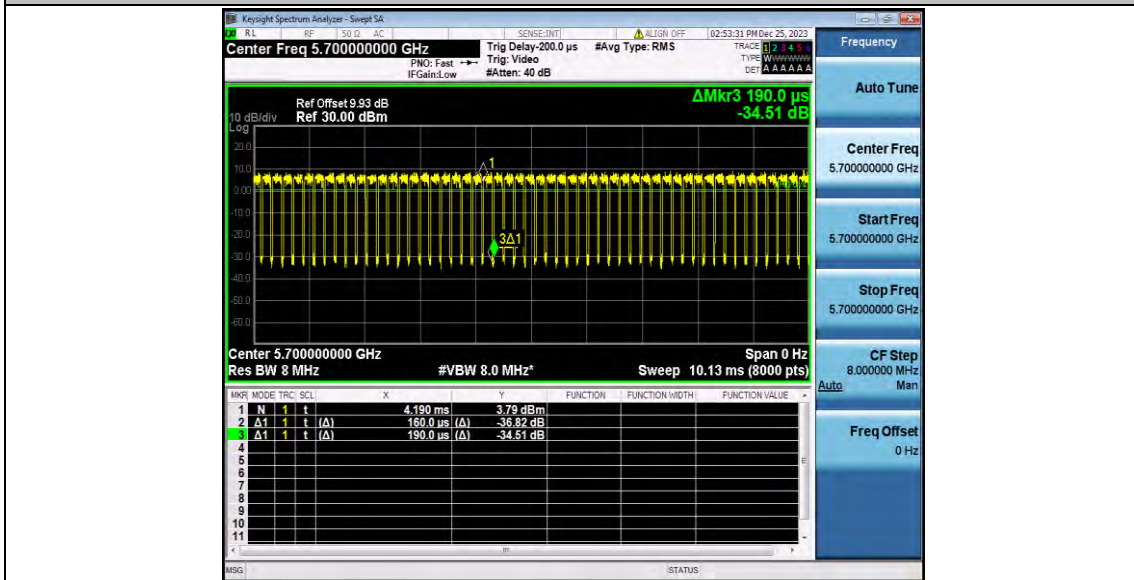
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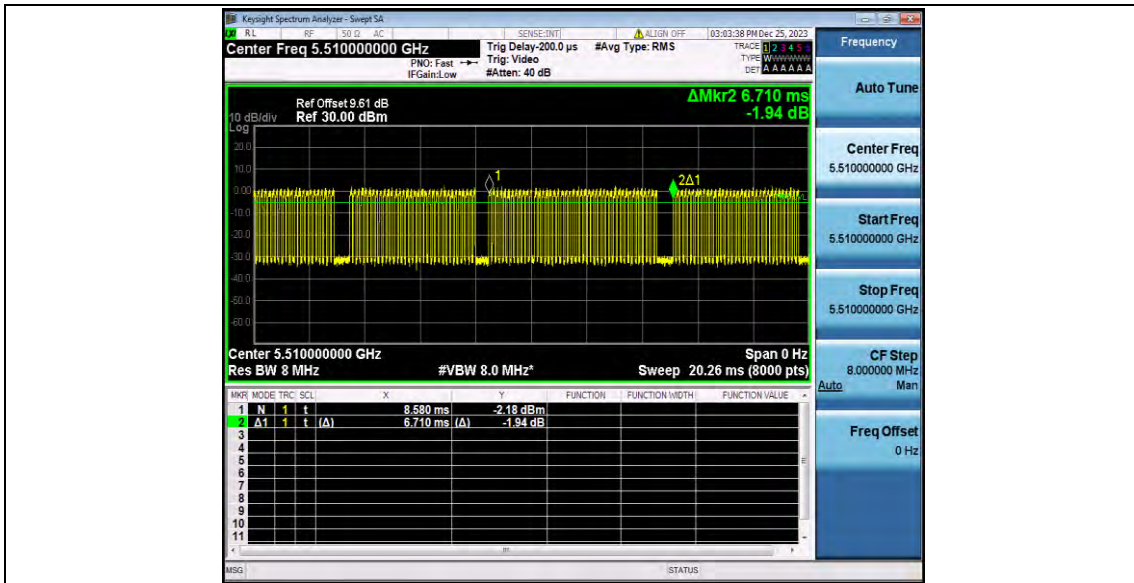
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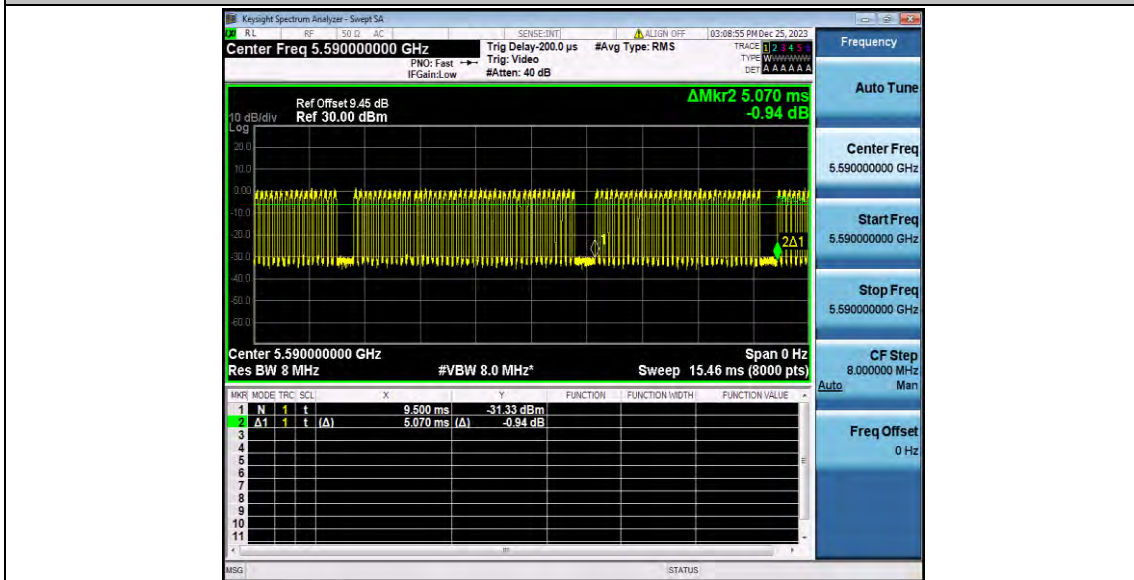
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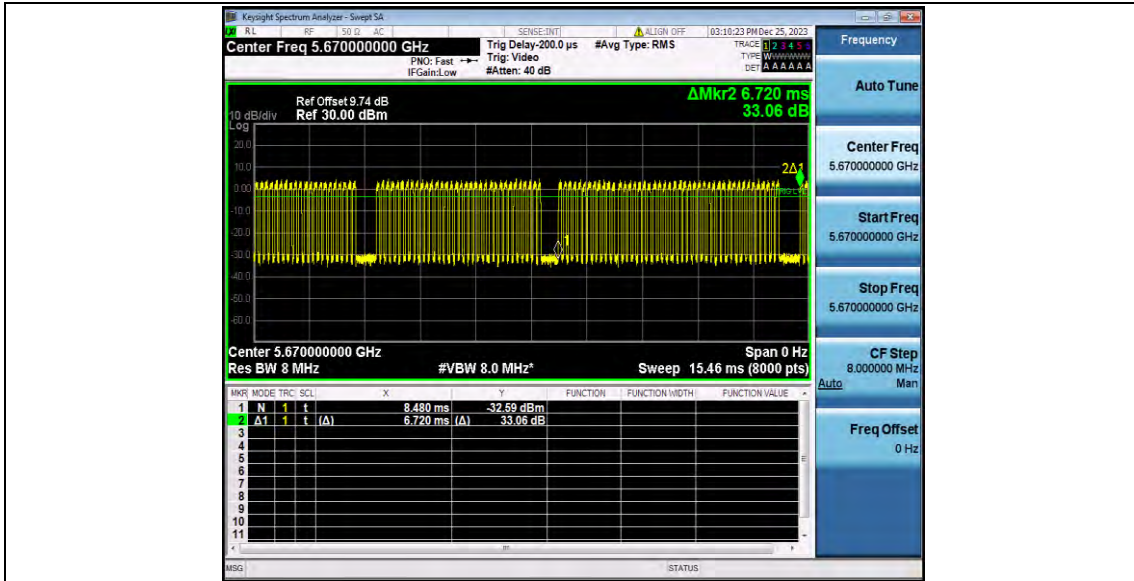
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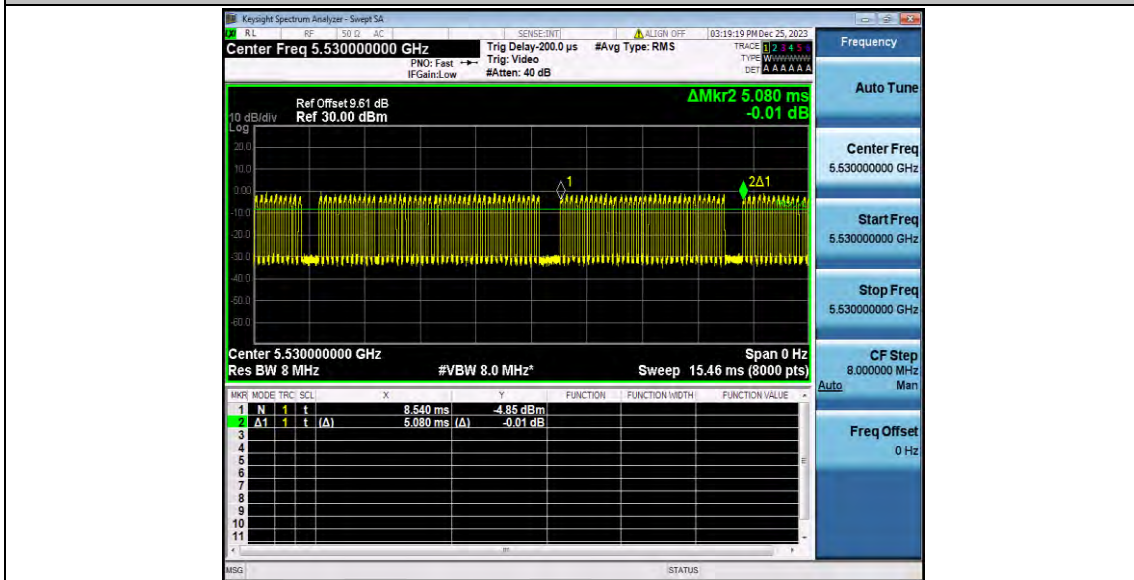
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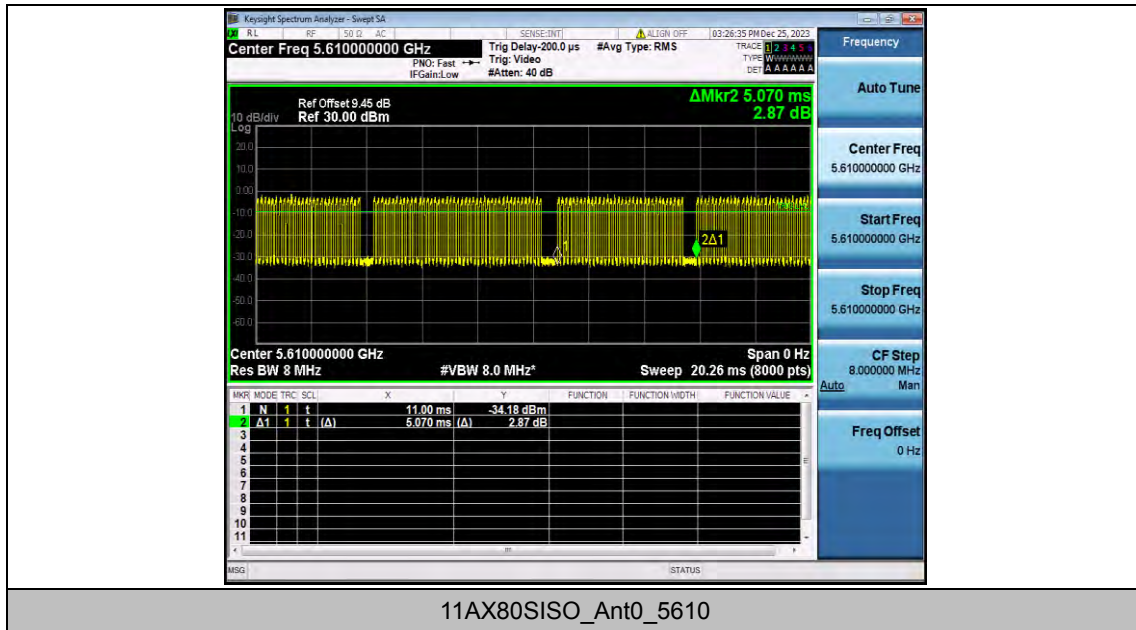
11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610