

Case No. : <u>GTS20230411005-1-15</u>
Ambient Condition: <u>24 °C, 50%RH, Atmos100.1Kpa,</u>
Test Date: <u>2023.5.10</u> Test Engineer: <u>Jenny zeng</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	21.880	5169.120	5191.000	---	---
		5200	22.960	5188.440	5211.400	---	---
		5240	22.680	5229.000	5251.680	---	---
11N20SISO	Ant2	5180	22.760	5168.920	5191.680	---	---
		5200	23.440	5188.520	5211.960	---	---
		5240	22.480	5229.080	5251.560	---	---
11N40SISO	Ant2	5190	43.440	5168.080	5211.520	---	---
		5230	47.600	5205.680	5253.280	---	---
11AC20SISO	Ant2	5180	22.880	5168.680	5191.560	---	---
		5200	23.400	5188.400	5211.800	---	---
		5240	23.720	5228.360	5252.080	---	---
11AC40SISO	Ant2	5190	43.840	5167.840	5211.680	---	---
		5230	48.800	5204.640	5253.440	---	---
11AC80SISO	Ant2	5210	85.280	5167.600	5252.880	---	---
11AX20SISO	Ant2	5180	23.280	5168.160	5191.440	---	---
		5200	23.080	5189.000	5212.080	---	---
		5240	22.360	5228.760	5251.120	---	---
11AX40SISO	Ant2	5190	41.920	5169.120	5211.040	---	---
		5230	44.320	5206.880	5251.200	---	---
11AX80SISO	Ant2	5210	82.560	5168.720	5251.280	---	---

Test Graphs



11A_Ant2_5180



11A_Ant2_5200



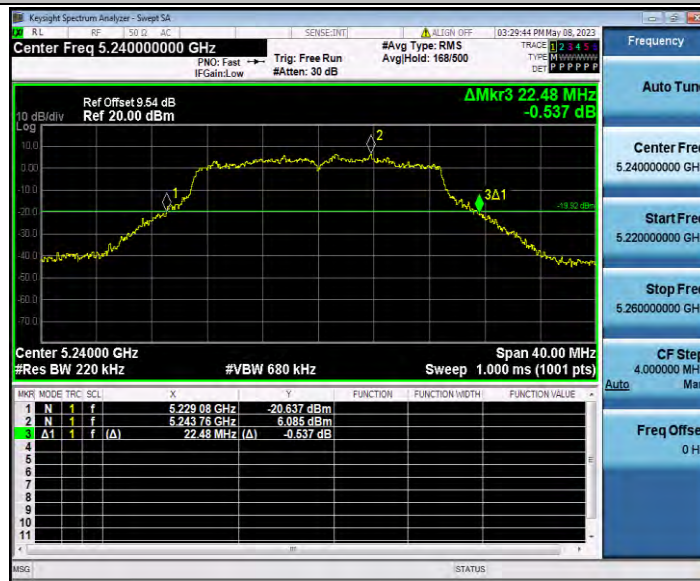
11A_Ant2_5240



11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



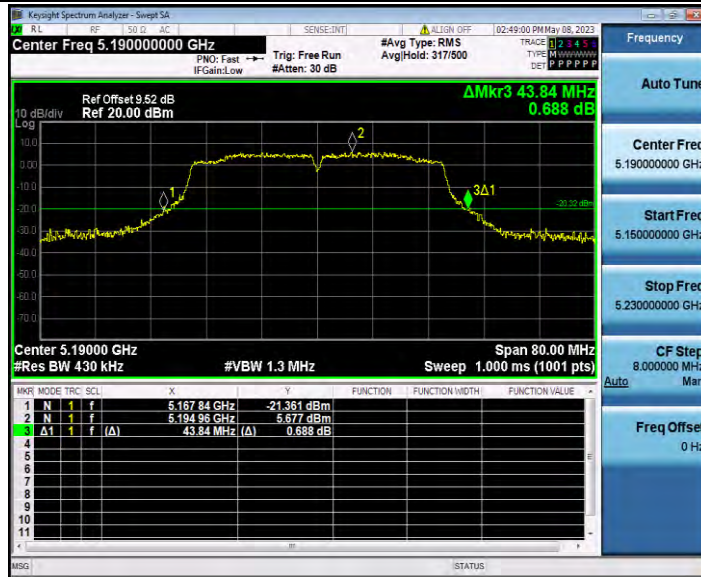
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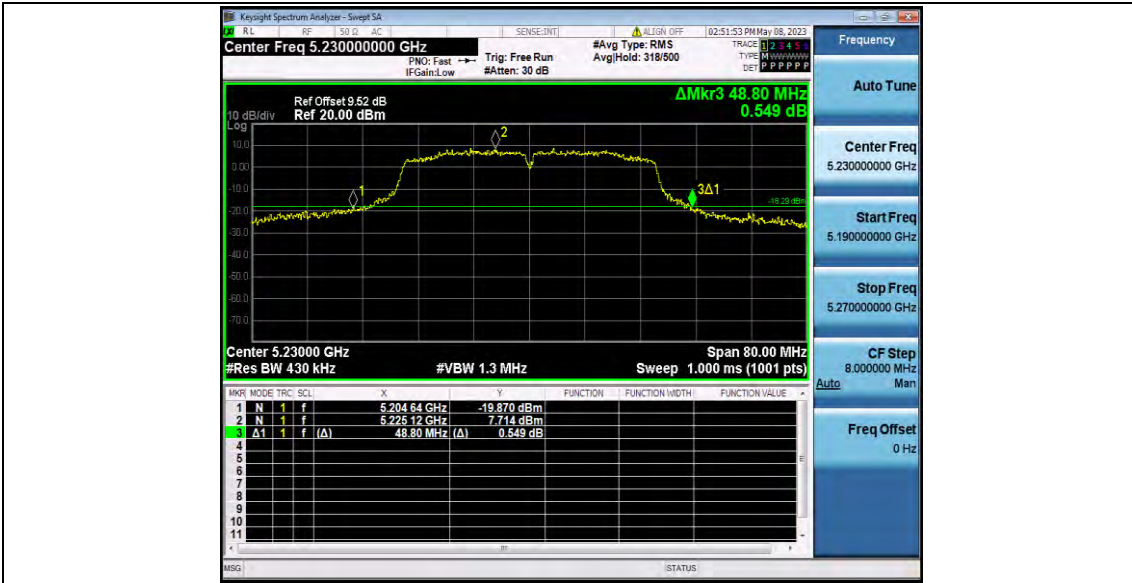
11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



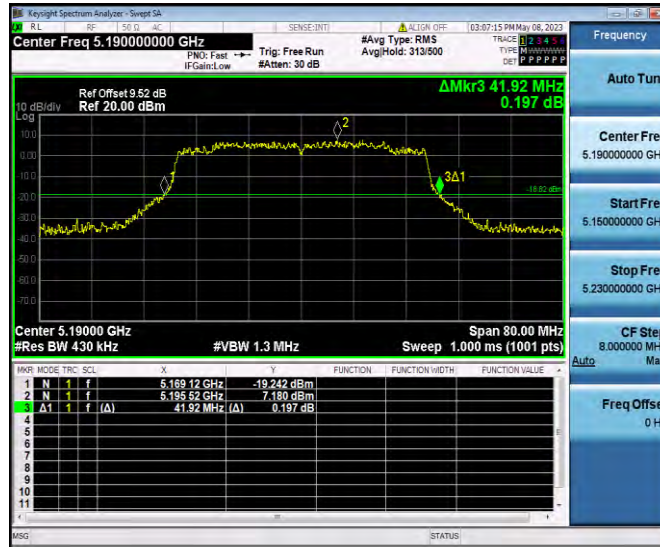
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11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



11AX80SISO_Ant2_5210

Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	16.965	5171.551	5188.516	---	---
		5200	17.051	5191.564	5208.615	---	---
		5240	17.021	5231.519	5248.540	---	---
11N20SISO	Ant2	5180	17.073	5171.518	5188.591	---	---
		5200	17.047	5191.563	5208.610	---	---
		5240	18.019	5231.012	5249.031	---	---
11N40SISO	Ant2	5190	36.320	5171.867	5208.187	---	---
		5230	36.477	5211.761	5248.238	---	---
11AC20SISO	Ant2	5180	18.028	5171.028	5189.056	---	---
		5200	18.079	5191.040	5209.119	---	---
		5240	18.037	5231.033	5249.070	---	---
11AC40SISO	Ant2	5190	36.249	5171.909	5208.158	---	---
		5230	36.482	5211.752	5248.234	---	---
11AC80SISO	Ant2	5210	75.160	5172.510	5247.670	---	---
11AX20SISO	Ant2	5180	19.019	5170.533	5189.552	---	---
		5200	19.016	5190.545	5209.561	---	---
		5240	18.979	5230.542	5249.521	---	---
11AX40SISO	Ant2	5190	37.577	5171.257	5208.834	---	---
		5230	37.687	5211.145	5248.832	---	---
11AX80SISO	Ant2	5210	76.715	5171.721	5248.436	---	---

Test Graphs



11A_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11A20SISO_Ant2_5180



11AC20SISO_Ant2_5200



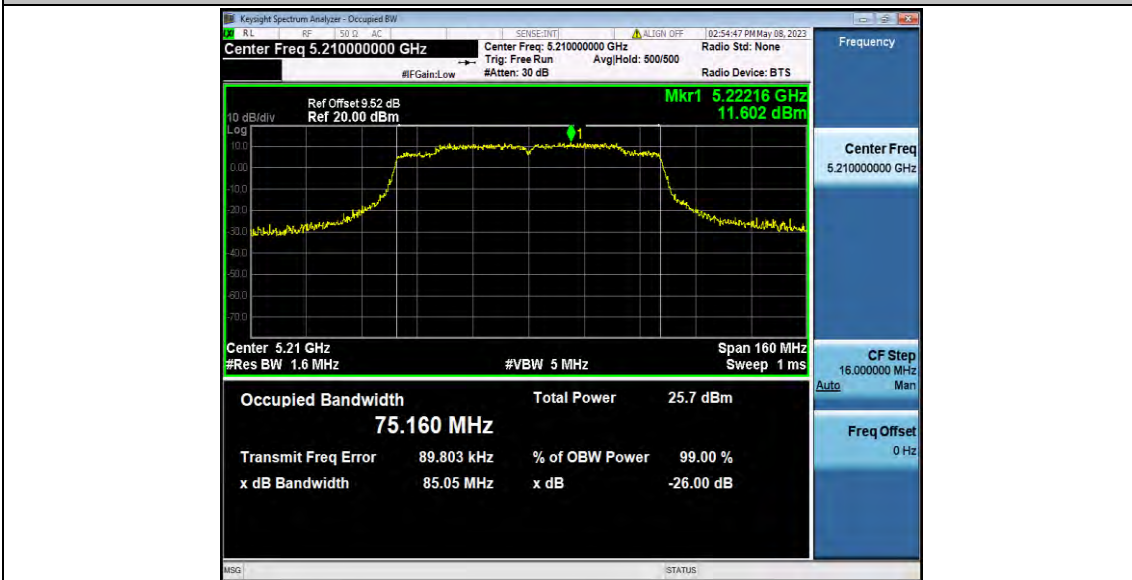
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11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



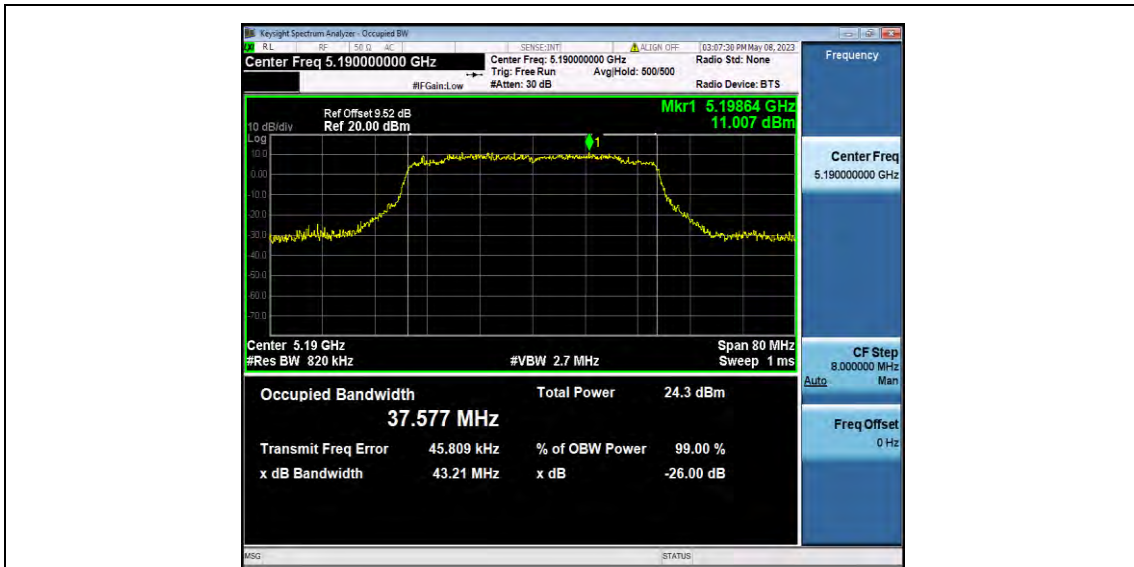
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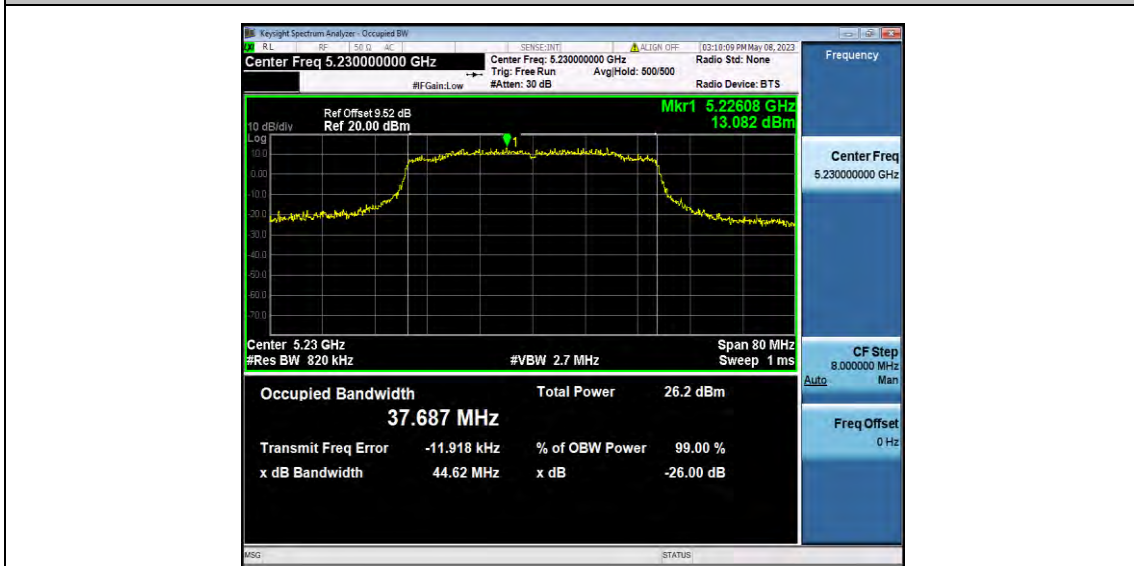
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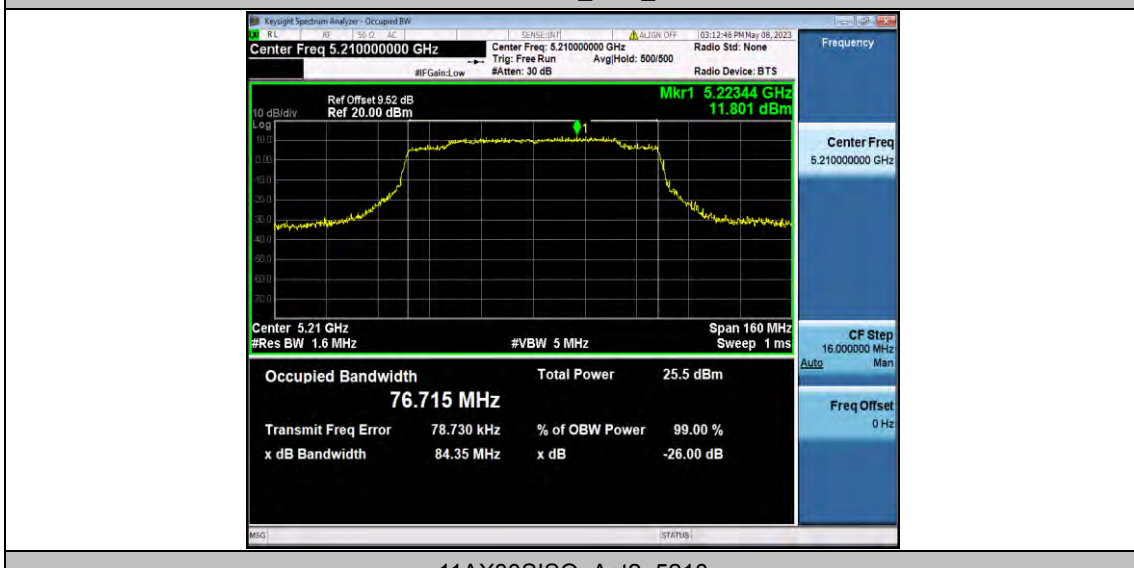
11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



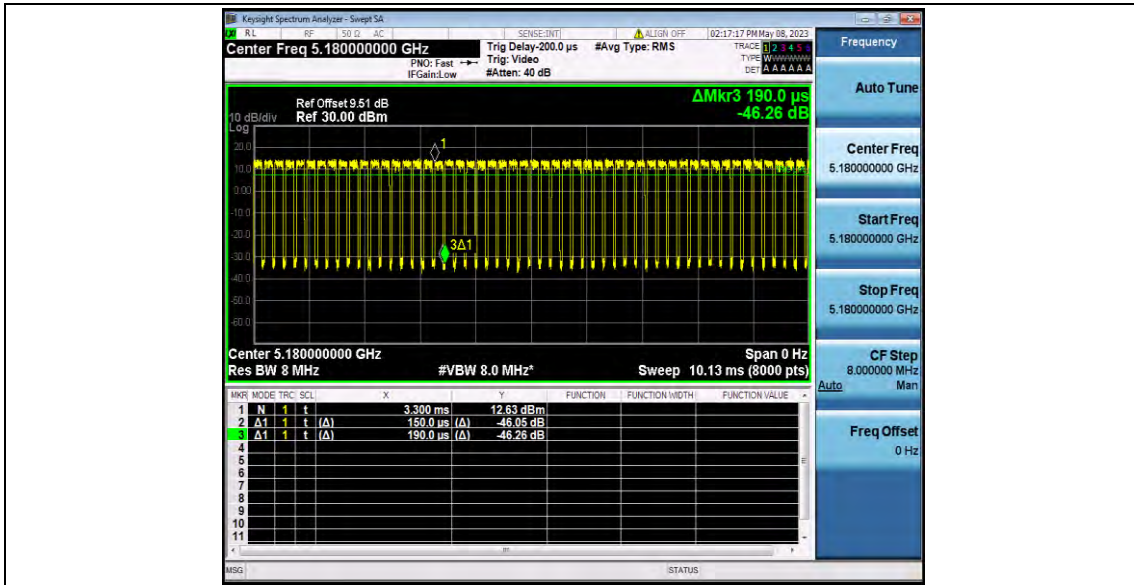
11AX80SISO_Ant2_5210

Appendix D.3: Duty Cycle

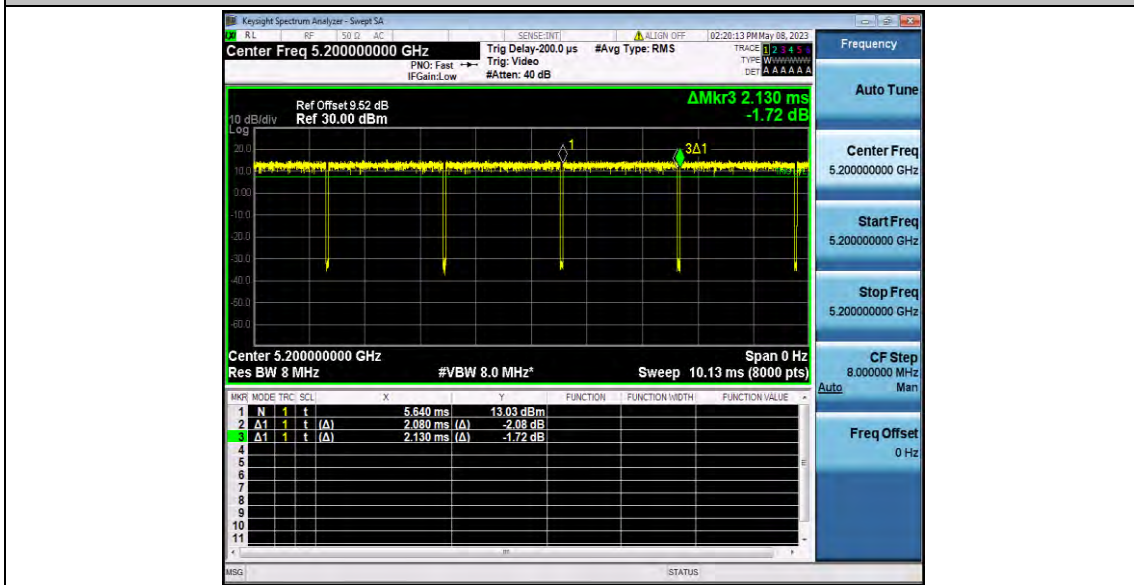
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant2	5180	0.15	0.19	78.95
		5200	2.08	2.13	97.65
		5240	2.09	2.14	97.66
11N20SISO	Ant2	5180	2.09	2.13	98.12
		5200	2.09	2.14	97.66
		5240	3.97	4.02	98.76
11N40SISO	Ant2	5190	3.98	4.02	99.00
		5230	3.97	4.01	99.00
11AC20SISO	Ant2	5180	3.95	3.99	99.00
		5200	3.95	3.99	99.00
		5240	3.95	3.99	99.00
11AC40SISO	Ant2	5190	3.96	4.01	98.75
		5230	3.96	4.01	98.75
11AC80SISO	Ant2	5210	3.97	4.02	98.76
11AX20SISO	Ant2	5180	3.95	4.00	98.75
		5200	3.96	4.01	98.75
		5240	3.96	4.00	99.00
11AX40SISO	Ant2	5190	3.96	4.00	99.00
		5230	3.95	4.00	98.75
11AX80SISO	Ant2	5210	3.96	4.01	98.75

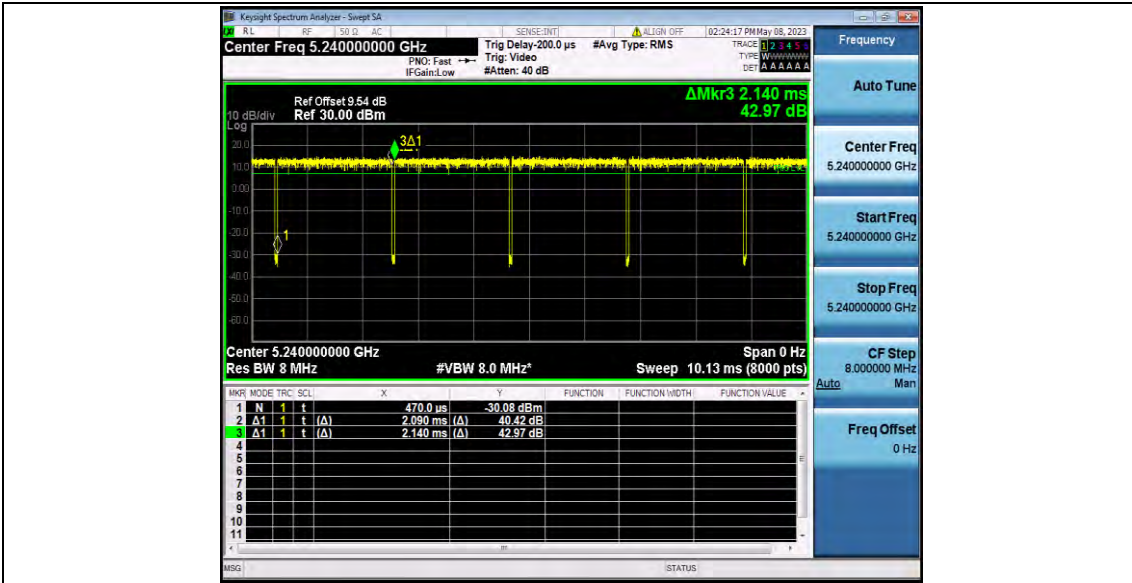
Test Graphs



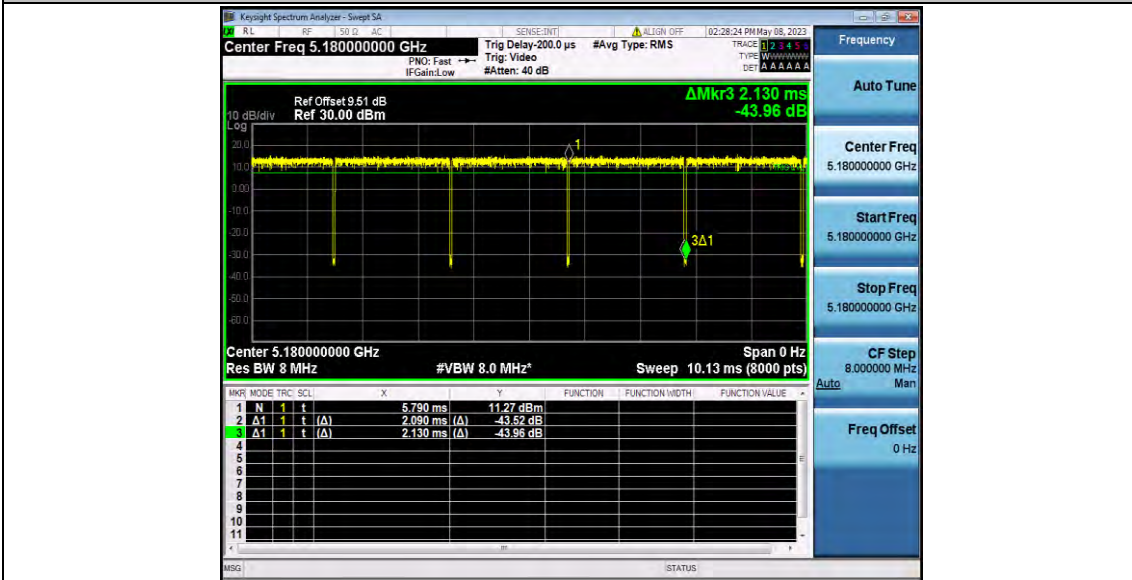
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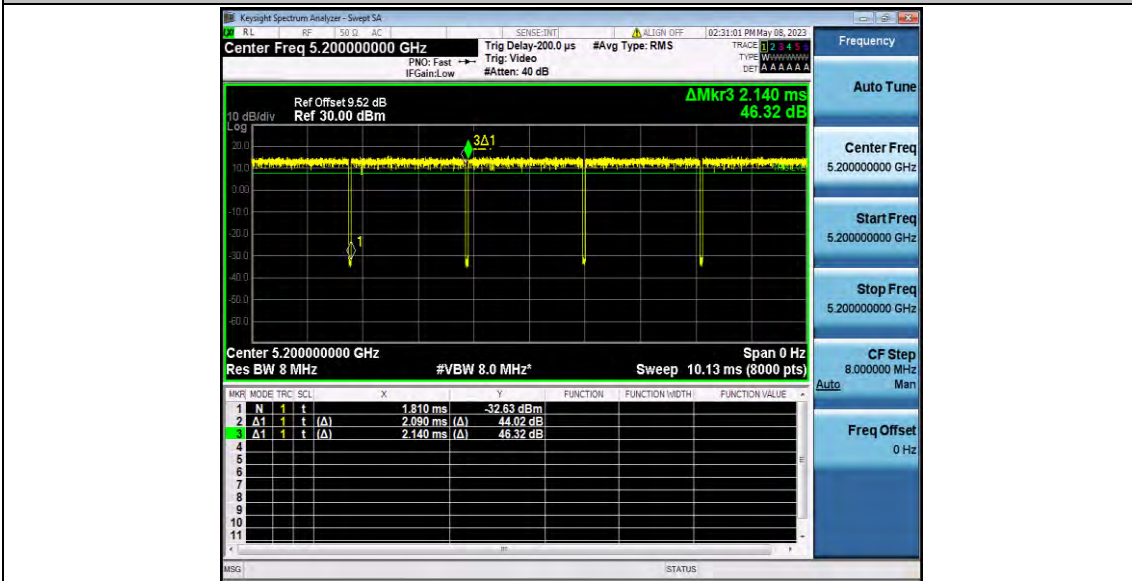
11A_Ant2_5200



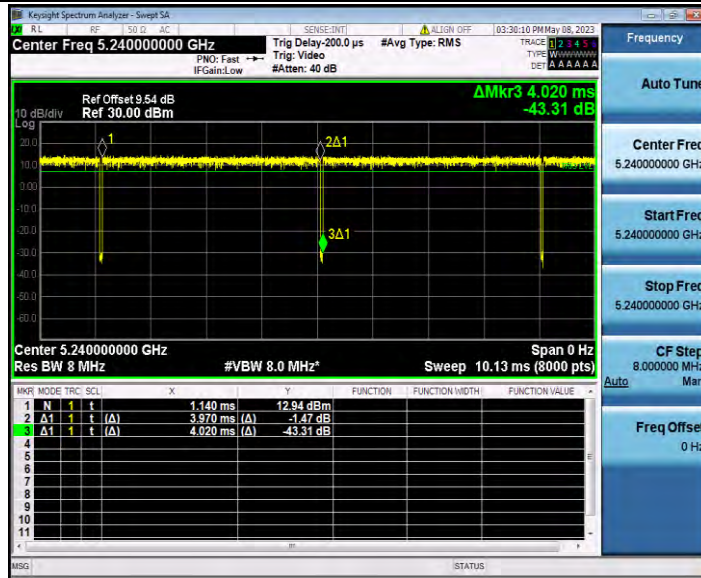
11A_Ant2_5240



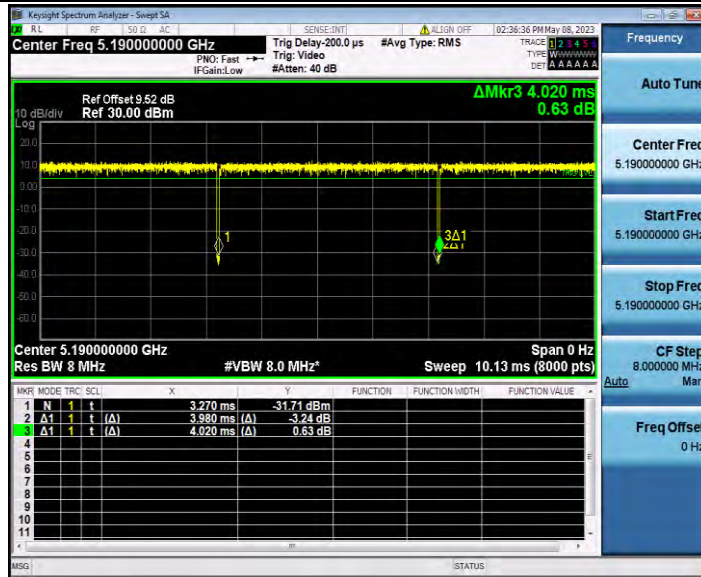
11N20SISO_Ant2_5180



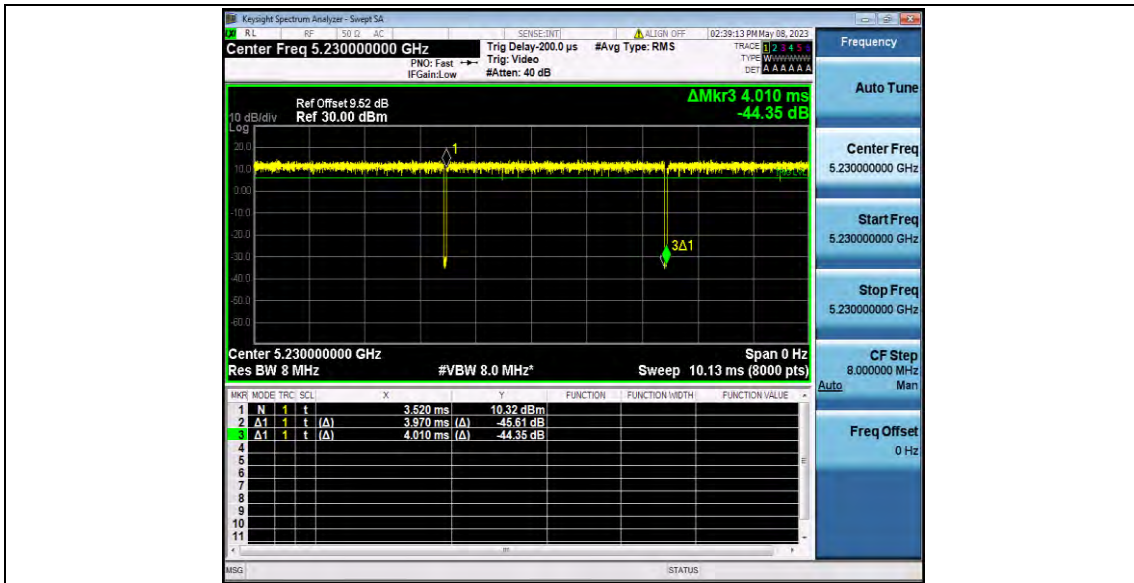
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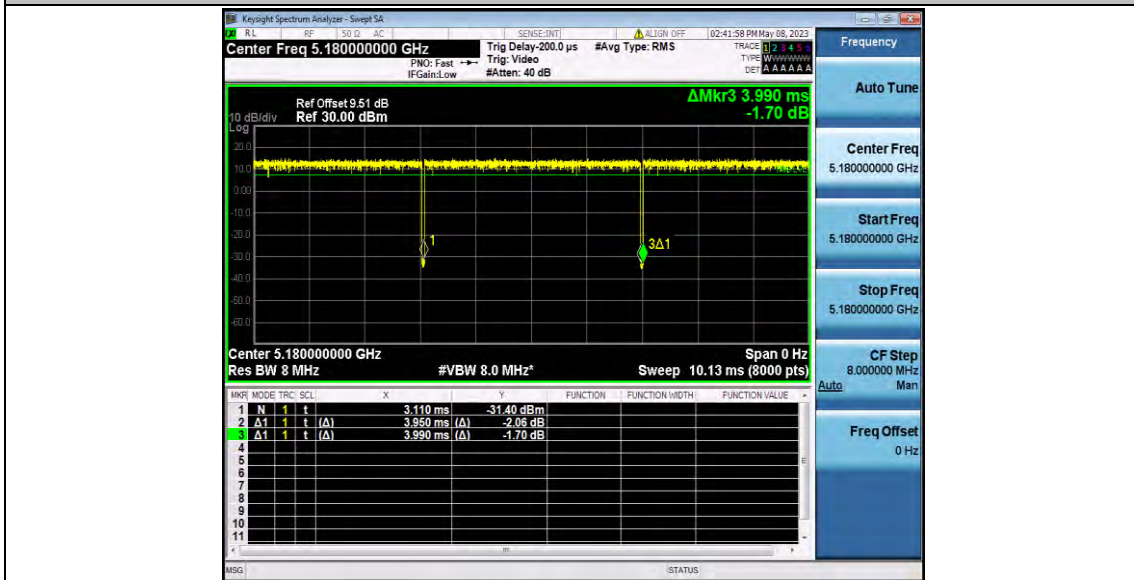
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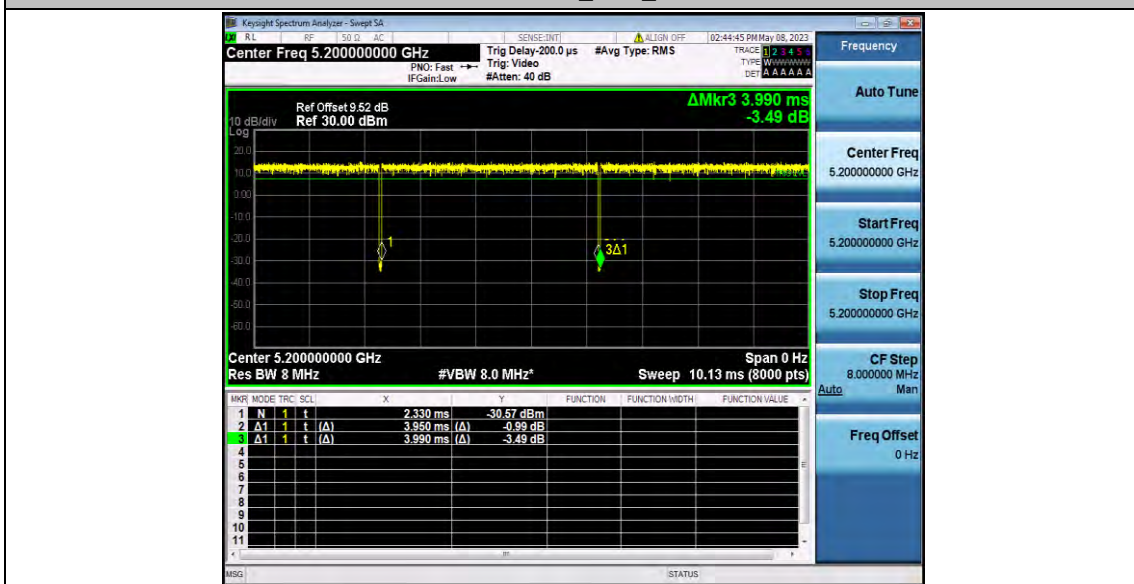
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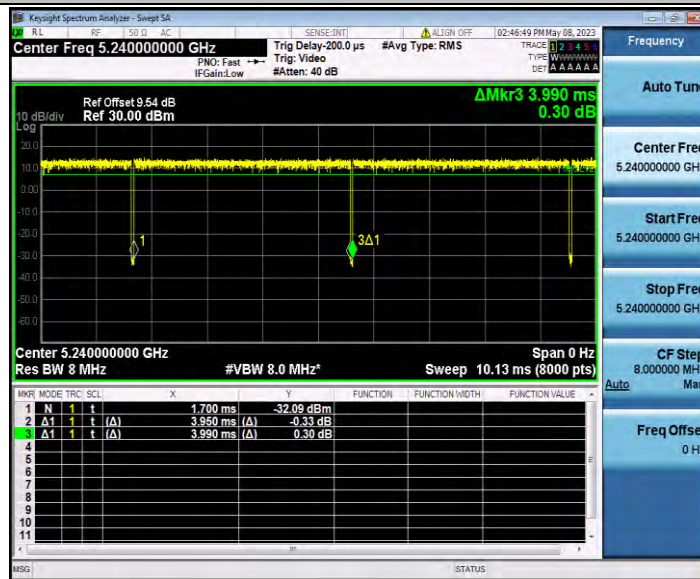
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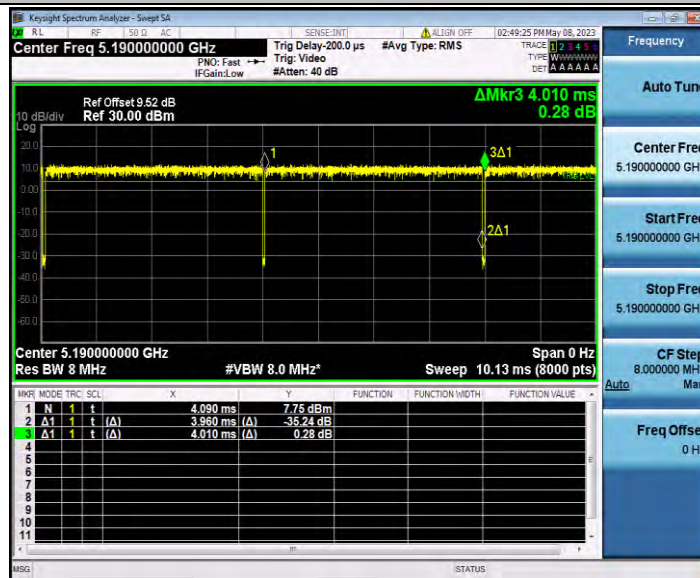
11AC20SISO_Ant2_5180



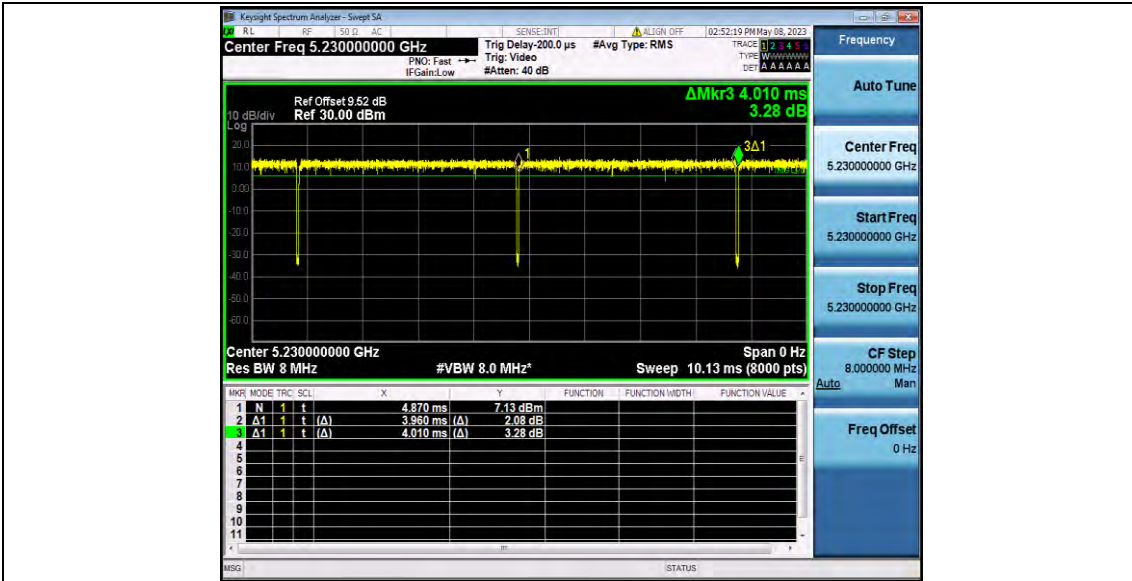
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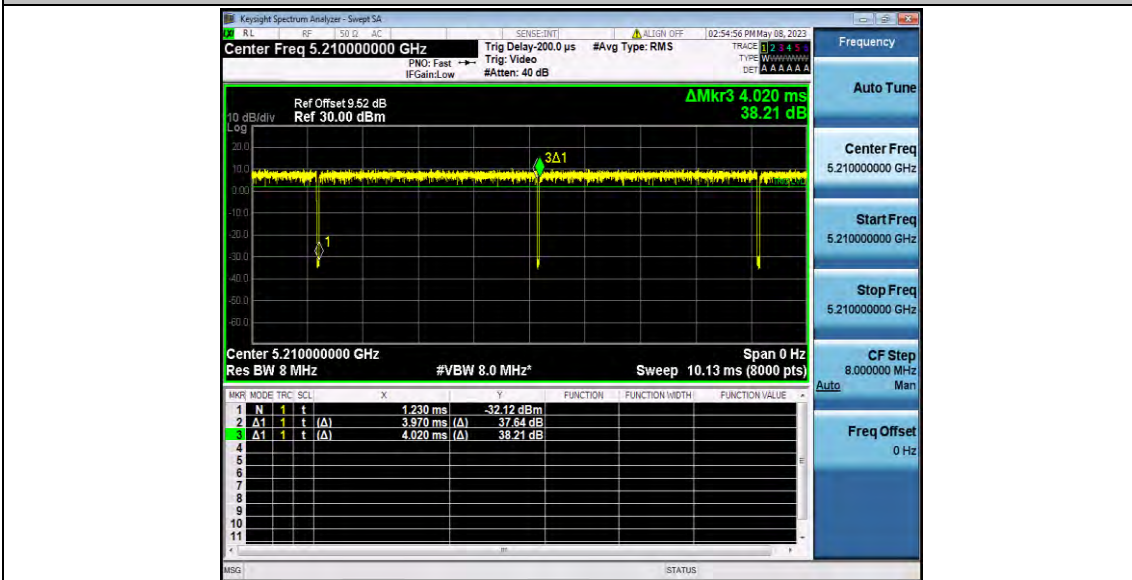
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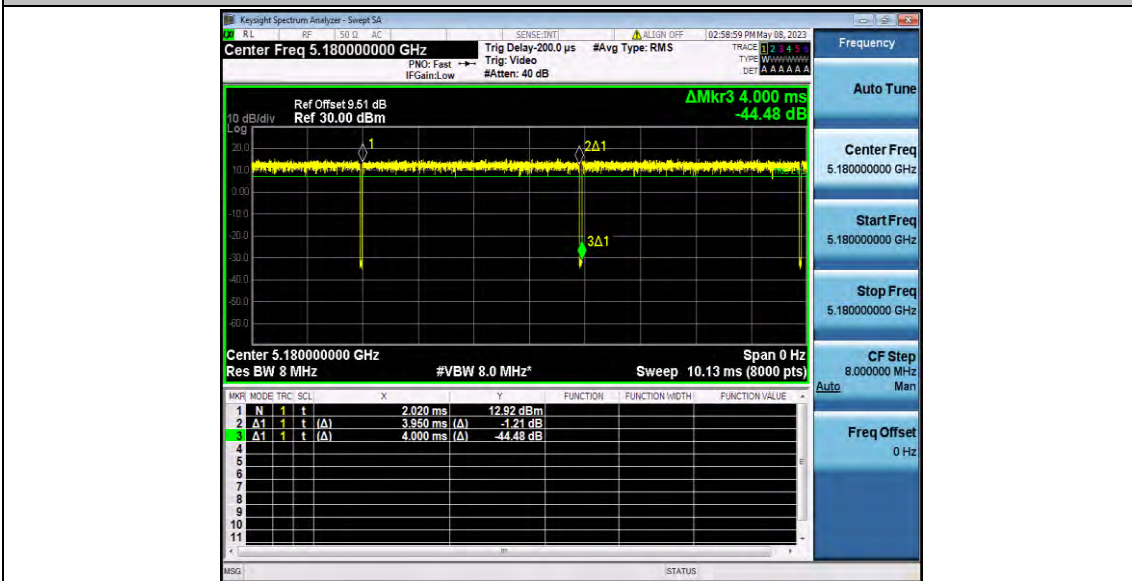
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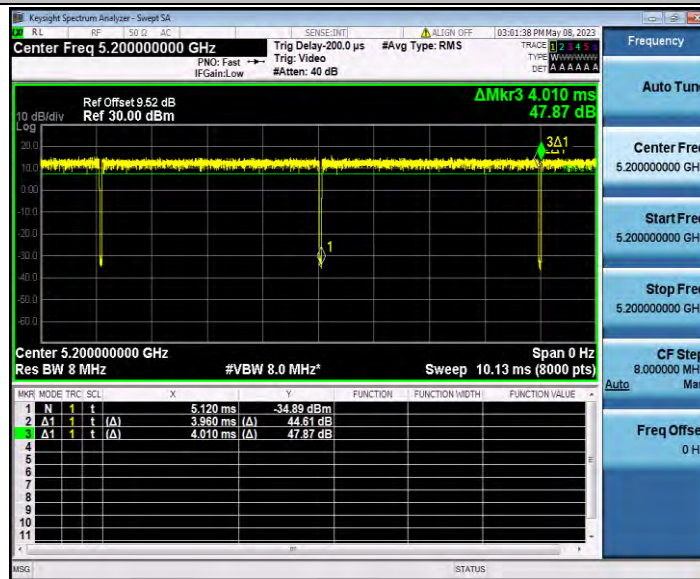
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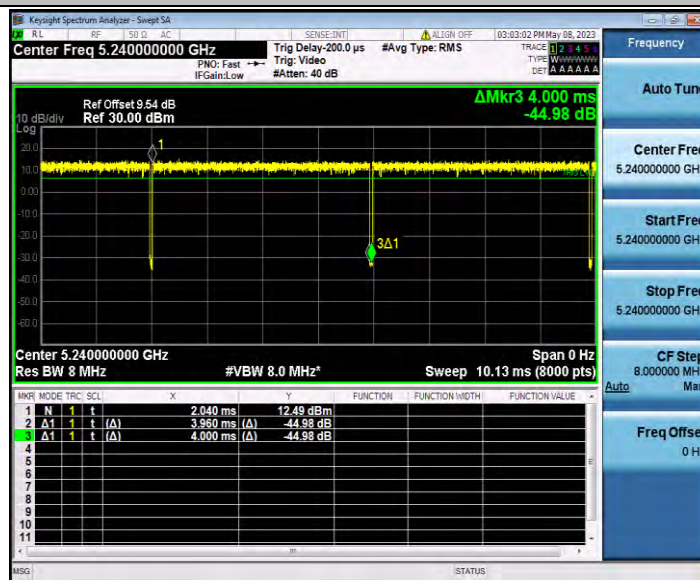
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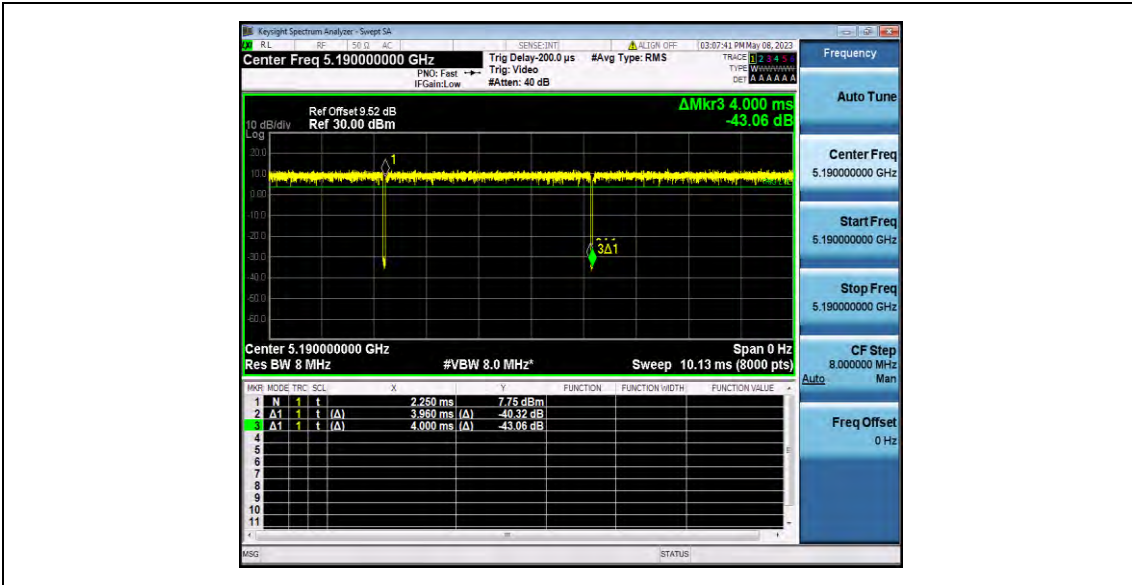
11AX20SISO_Ant2_5180



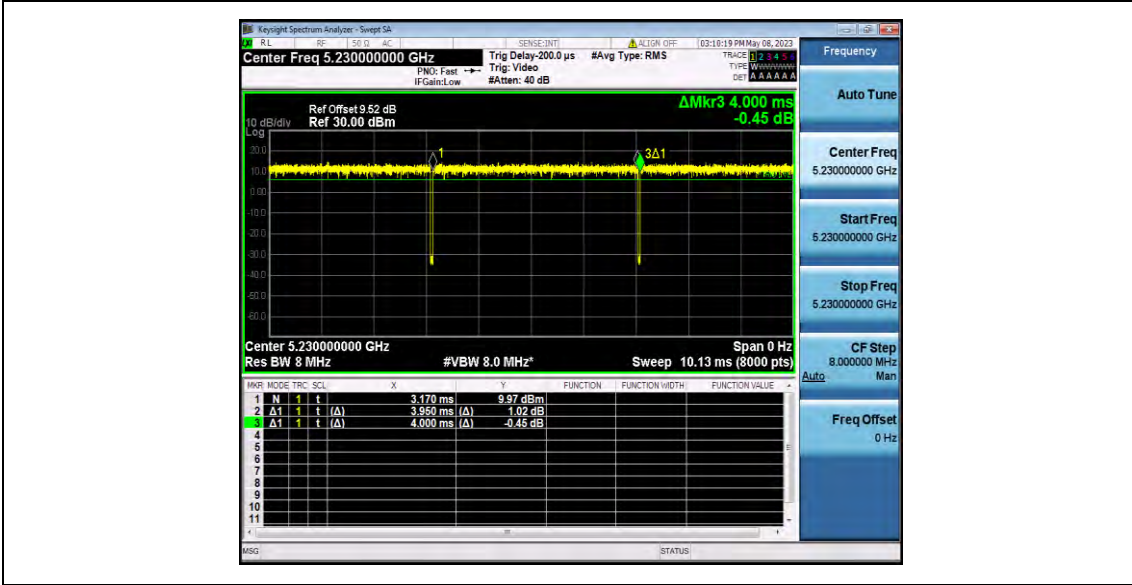
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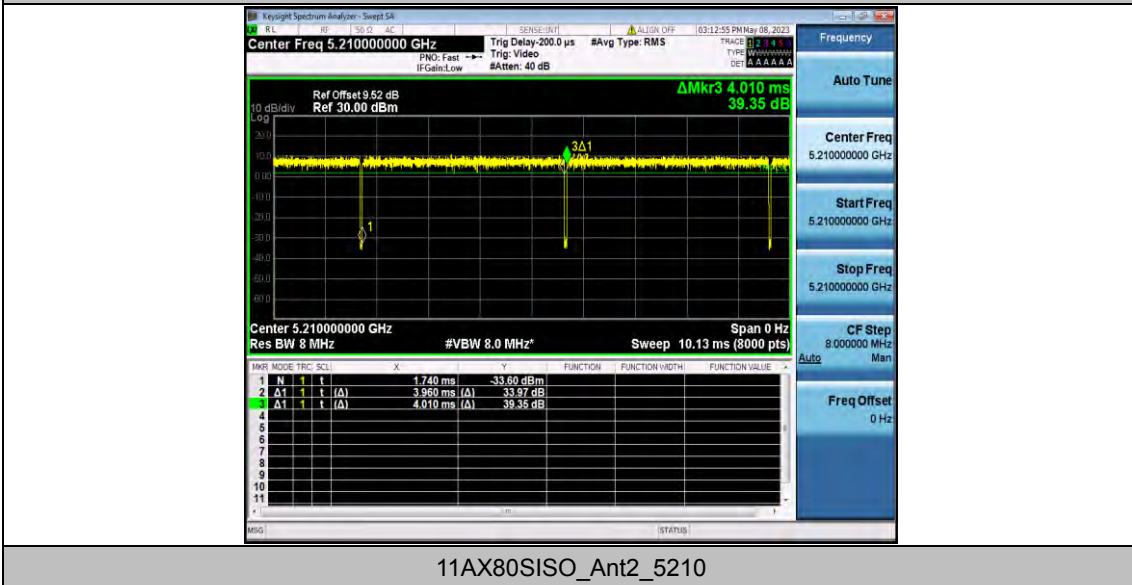
11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



11AX80SISO_Ant2_5210