

Case No. : <u>GTS20230704026-1-41</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.8.30</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	Ant1	5500	24.560	5487.840	5512.400	---	---
		5600	29.280	5585.160	5614.440	---	---
		5700	32.480	5683.200	5715.680	---	---
11N20SISO	Ant1	5500	35.080	5482.640	5517.720	---	---
		5600	26.560	5585.800	5612.360	---	---
		5700	26.000	5686.200	5712.200	---	---
11N40SISO	Ant1	5510	40.000	5489.920	5529.920	---	---
		5590	39.600	5570.080	5609.680	---	---
		5670	46.960	5647.600	5694.560	---	---
11AC20SISO	Ant1	5500	25.600	5487.320	5512.920	---	---
		5600	26.440	5587.080	5613.520	---	---
		5700	25.920	5686.640	5712.560	---	---
11AC40SISO	Ant1	5510	39.920	5489.920	5529.840	---	---
		5590	40.240	5569.680	5609.920	---	---
		5670	39.840	5650.240	5690.080	---	---
11AC80SISO	Ant1	5530	79.840	5490.000	5569.840	---	---
		5610	79.520	5570.160	5649.680	---	---
11AX20SISO	Ant1	5500	26.040	5486.760	5512.800	---	---
		5600	26.360	5586.480	5612.840	---	---
		5700	24.800	5687.040	5711.840	---	---
11AX40SISO	Ant1	5510	40.080	5490.080	5530.160	---	---
		5590	39.920	5570.080	5610.000	---	---
		5670	40.160	5649.760	5689.920	---	---
11AX80SISO	Ant1	5530	79.840	5490.000	5569.840	---	---
		5610	80.160	5569.840	5650.000	---	---

Test Graphs



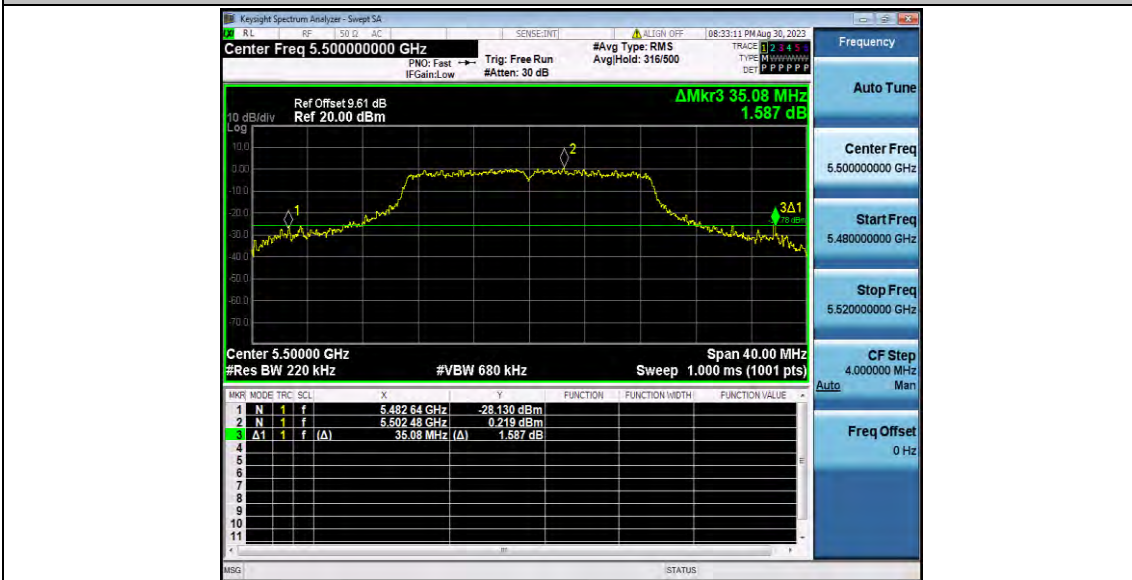
11A_Ant1_5500



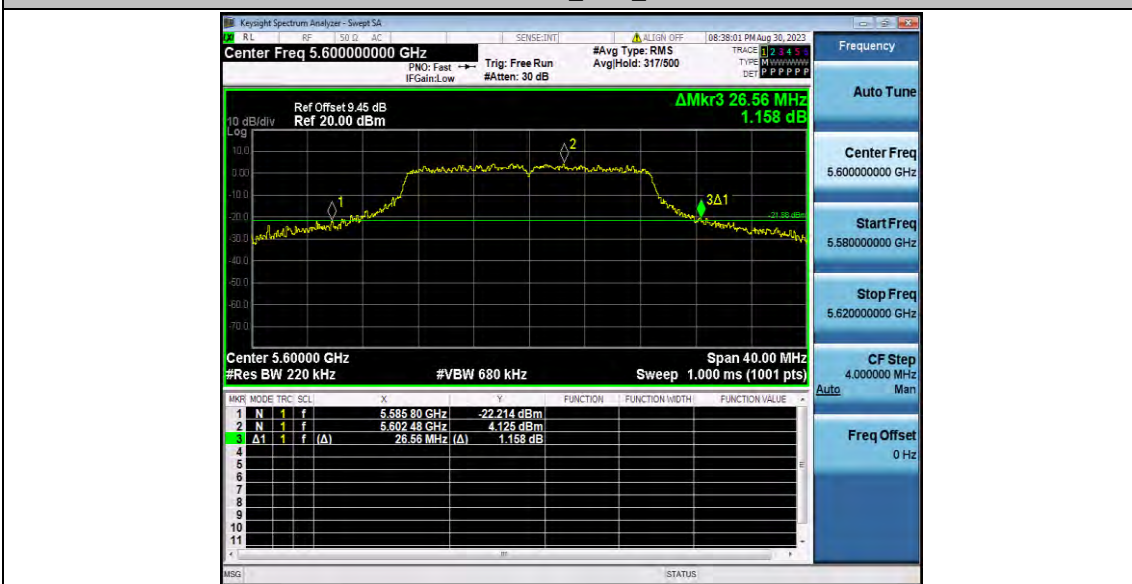
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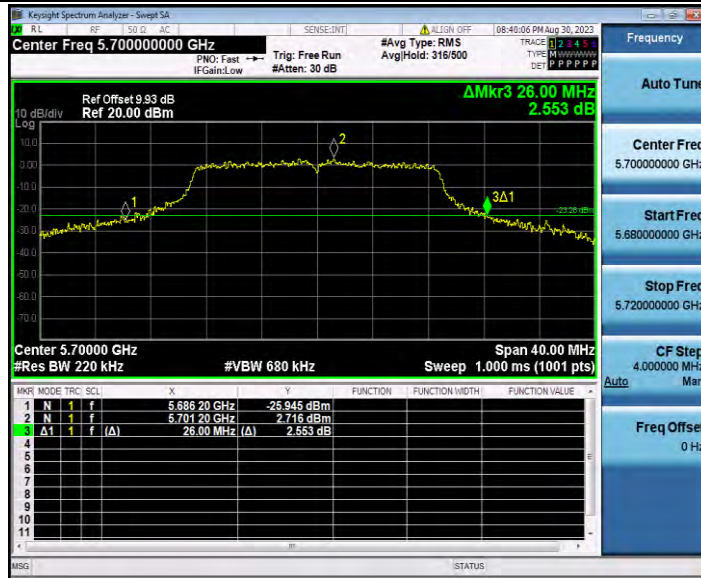
11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



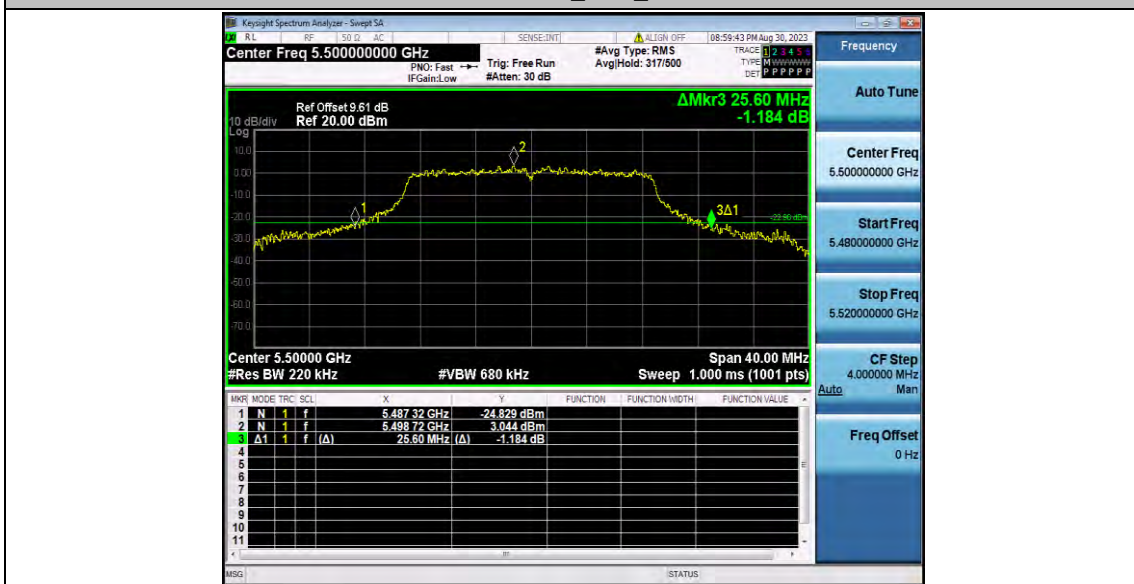
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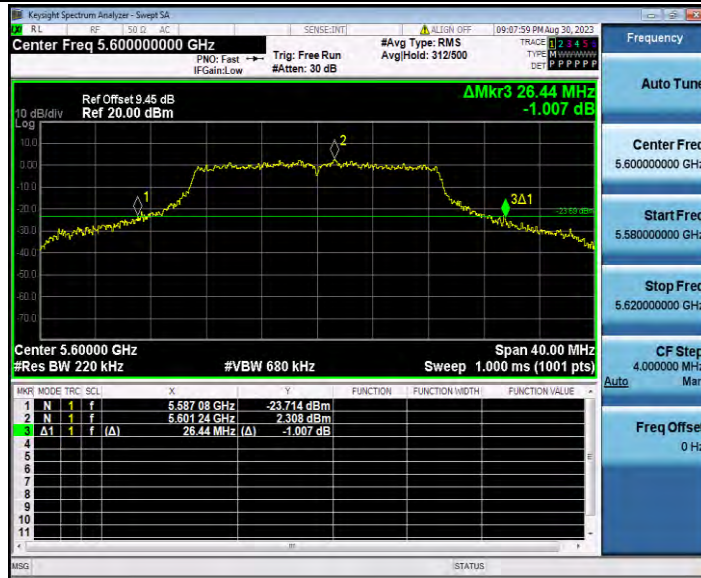
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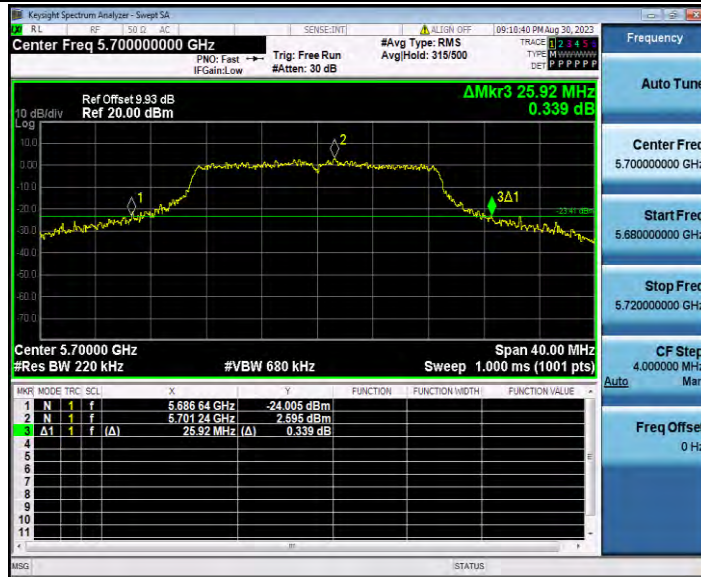
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11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600



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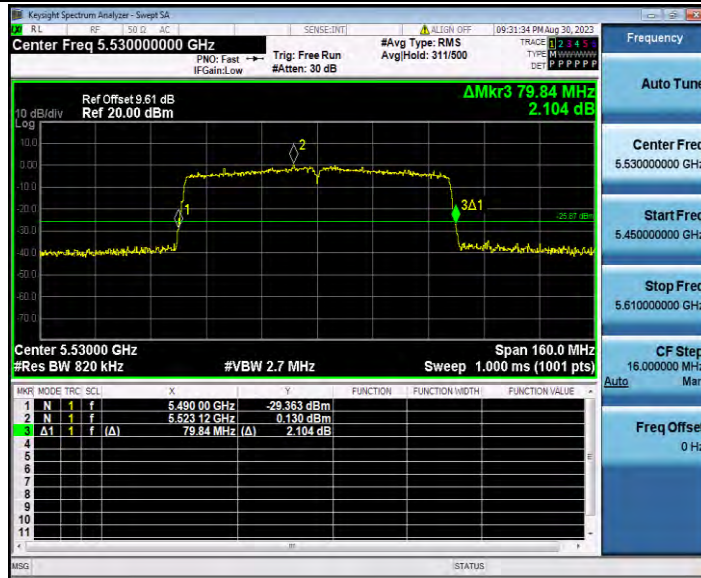
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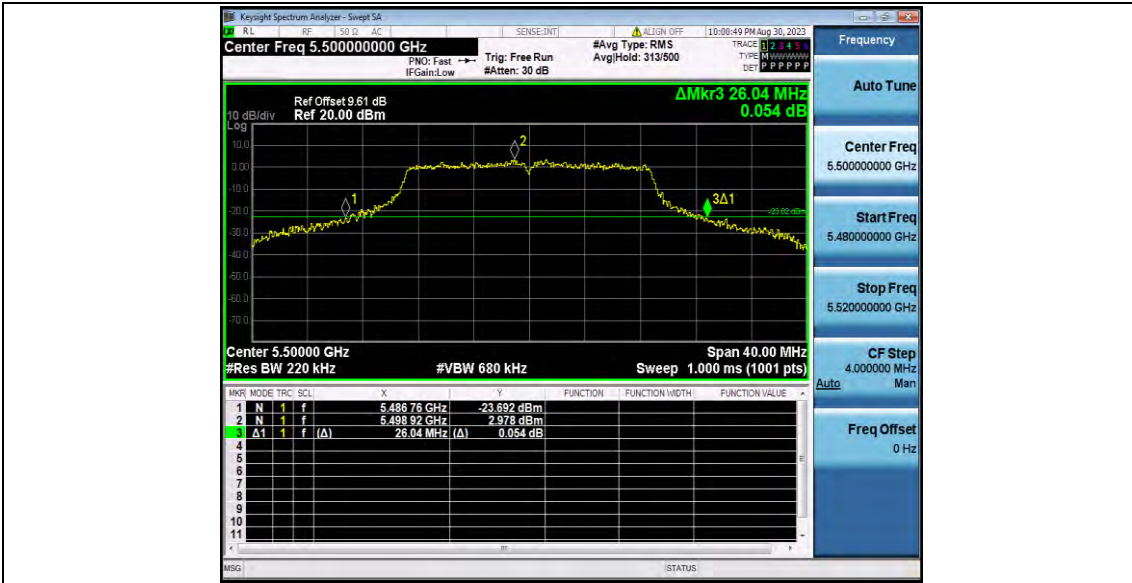
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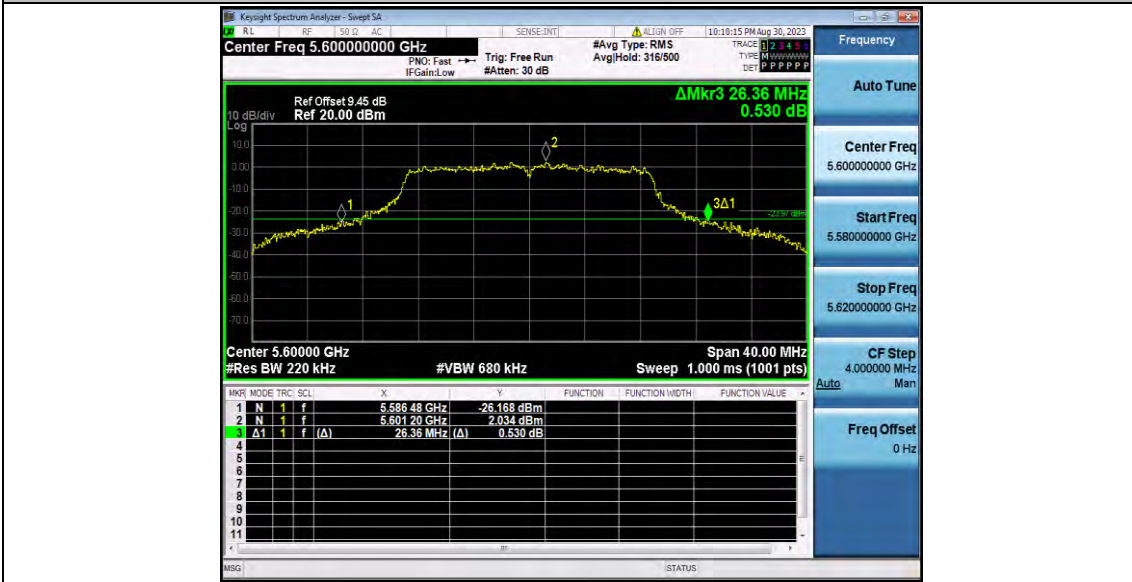
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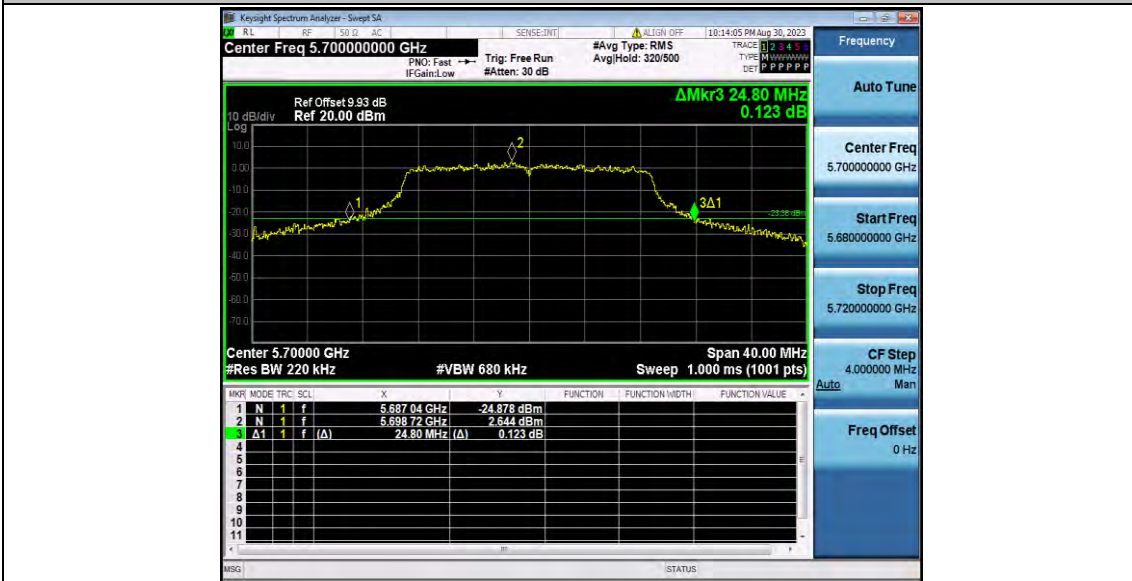
11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



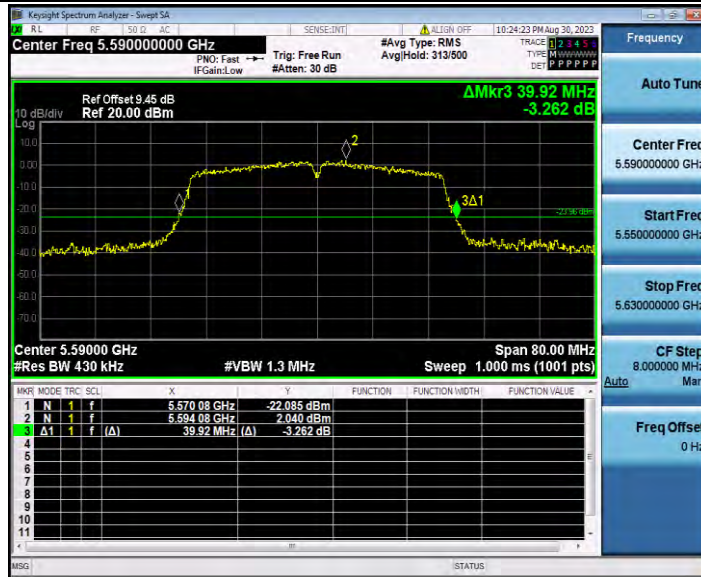
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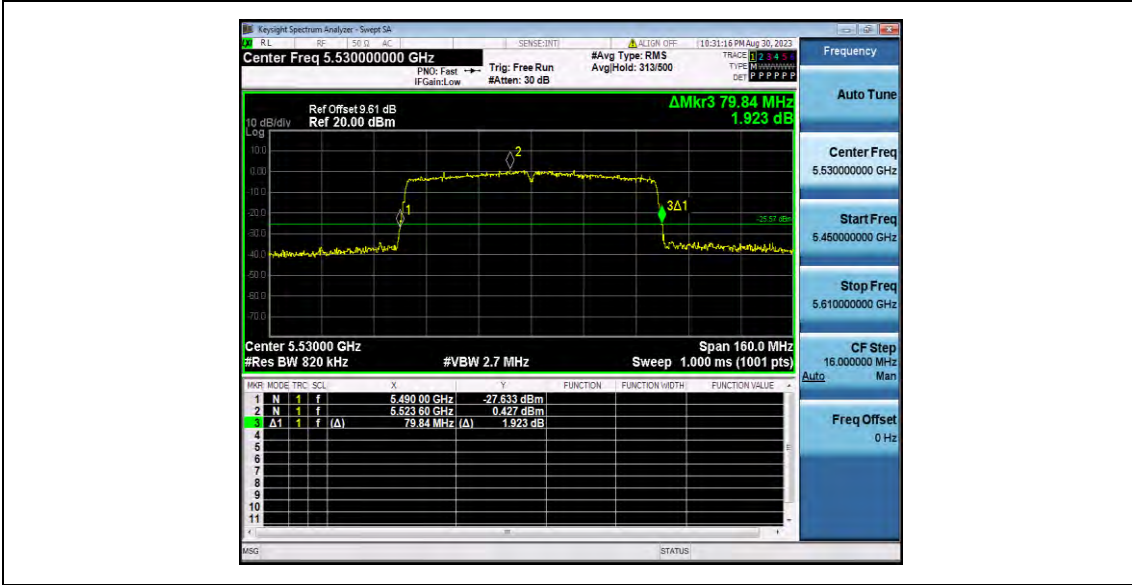
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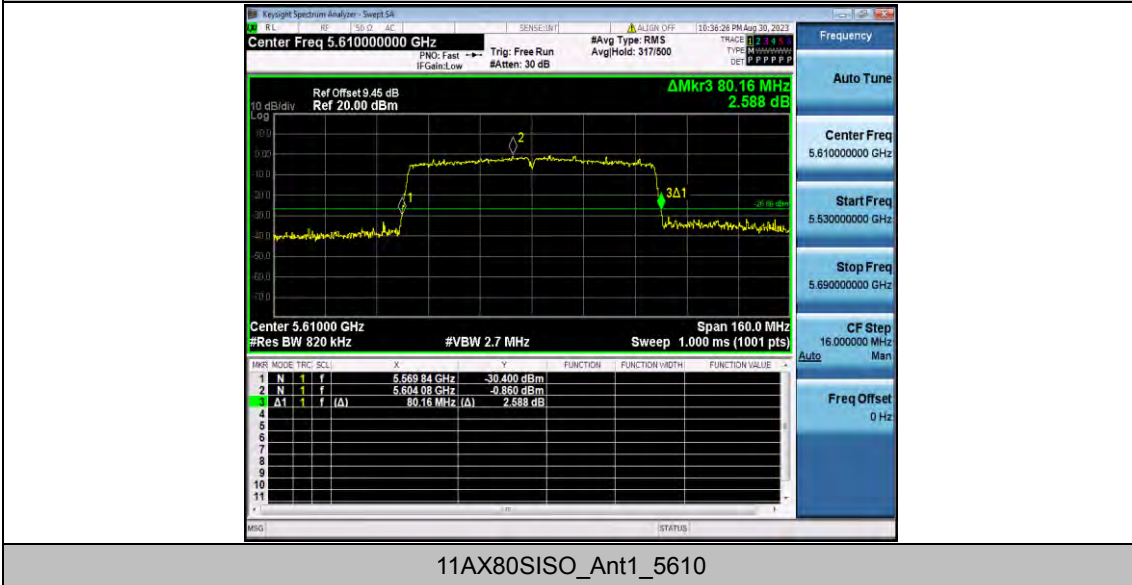
11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

Appendix F.2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	18.135	5490.766	5508.901	---	---
		5600	18.699	5590.481	5609.180	---	---
		5700	18.462	5690.564	5709.026	---	---
11N20SISO	Ant1	5500	19.130	5490.377	5509.507	---	---
		5600	19.143	5590.375	5609.518	---	---
		5700	19.163	5690.273	5709.436	---	---
11N40SISO	Ant1	5510	36.022	5491.956	5527.978	---	---
		5590	36.133	5571.871	5608.004	---	---
		5670	36.257	5651.817	5688.074	---	---
11AC20SISO	Ant1	5500	19.177	5490.266	5509.443	---	---
		5600	19.038	5590.373	5609.411	---	---
		5700	19.191	5690.227	5709.418	---	---
11AC40SISO	Ant1	5510	36.124	5491.882	5528.006	---	---
		5590	36.109	5571.900	5608.009	---	---
		5670	36.197	5651.852	5688.049	---	---
11AC80SISO	Ant1	5530	75.294	5492.359	5567.653	---	---
		5610	75.342	5572.422	5647.764	---	---
11AX20SISO	Ant1	5500	19.201	5490.290	5509.491	---	---
		5600	19.086	5590.316	5609.402	---	---
		5700	19.107	5690.275	5709.382	---	---
11AX40SISO	Ant1	5510	36.109	5491.919	5528.028	---	---
		5590	36.003	5571.960	5607.963	---	---
		5670	36.119	5651.895	5688.014	---	---
11AX80SISO	Ant1	5530	75.189	5492.420	5567.609	---	---
		5610	75.315	5572.427	5647.742	---	---

Test Graphs



11A_Ant1_5500



11A_Ant1_5600



11A_Ant1_5700



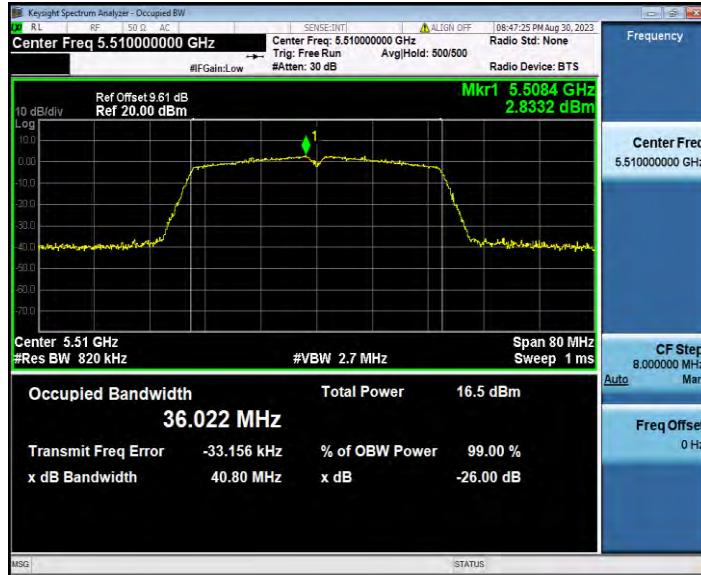
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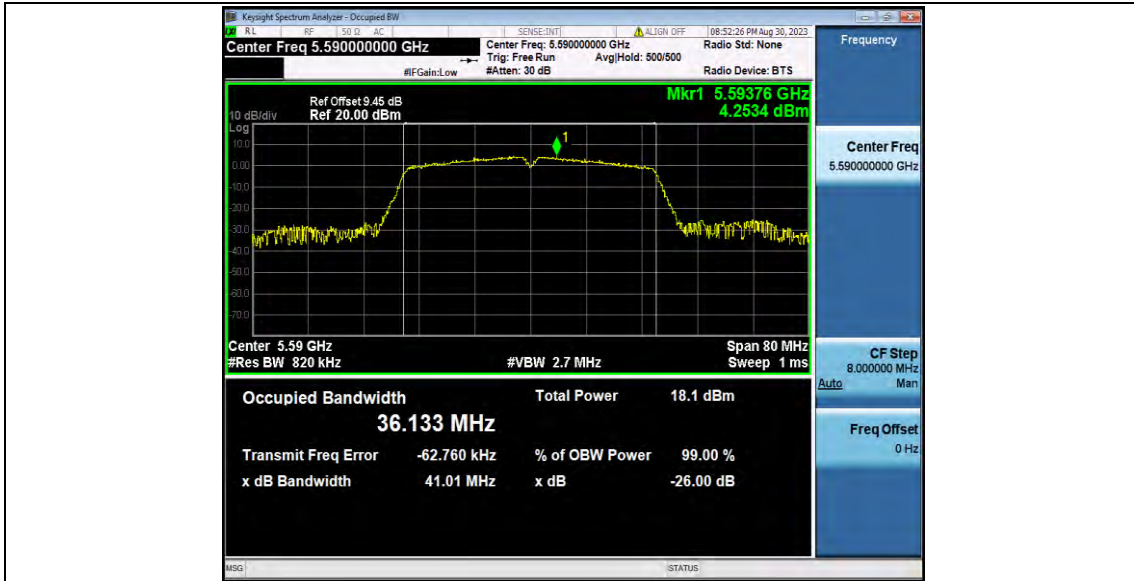
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11N20SISO_Ant1_5700



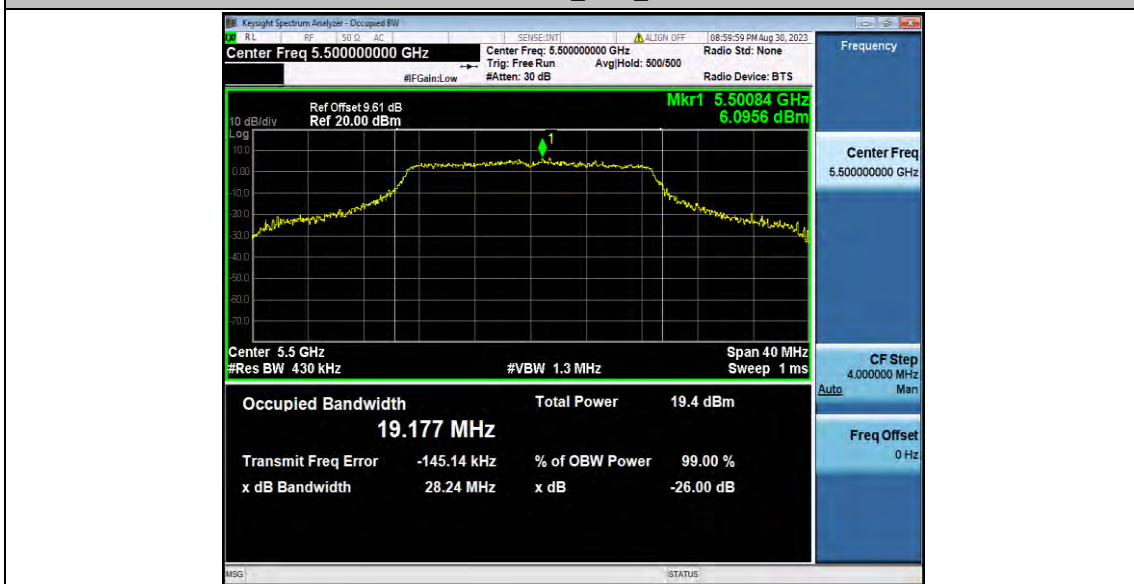
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11N40SISO_Ant1_5590



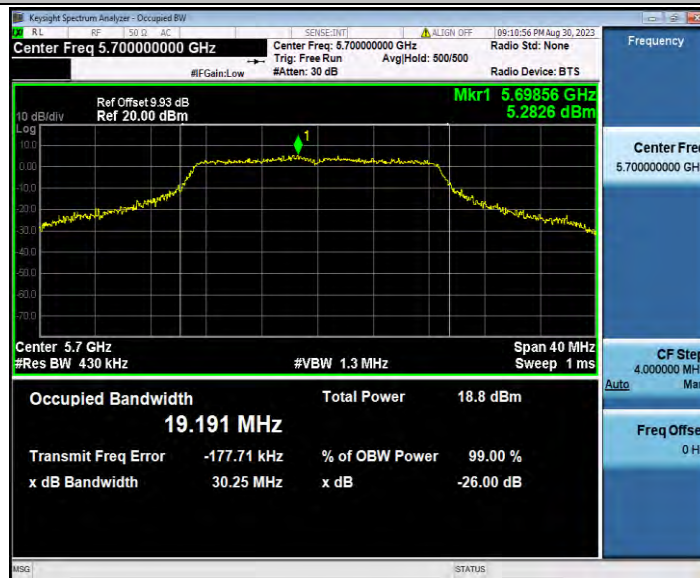
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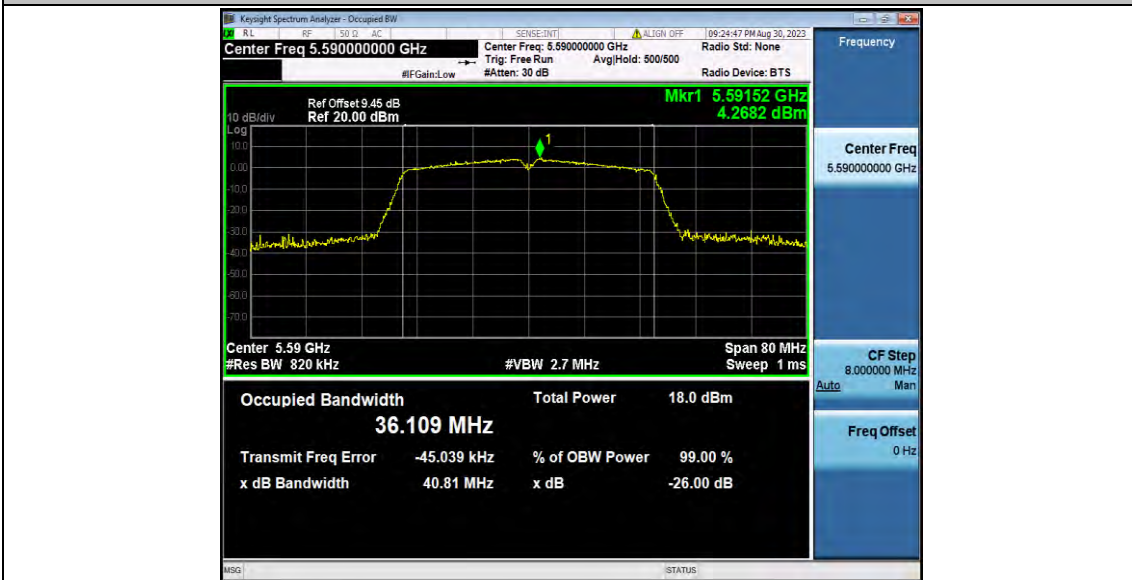
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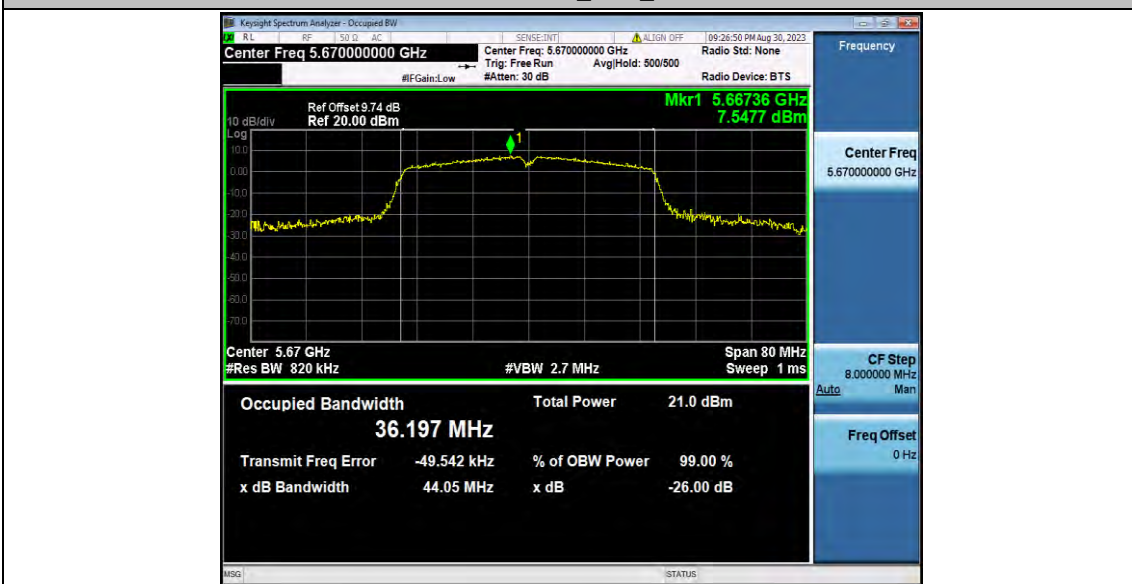
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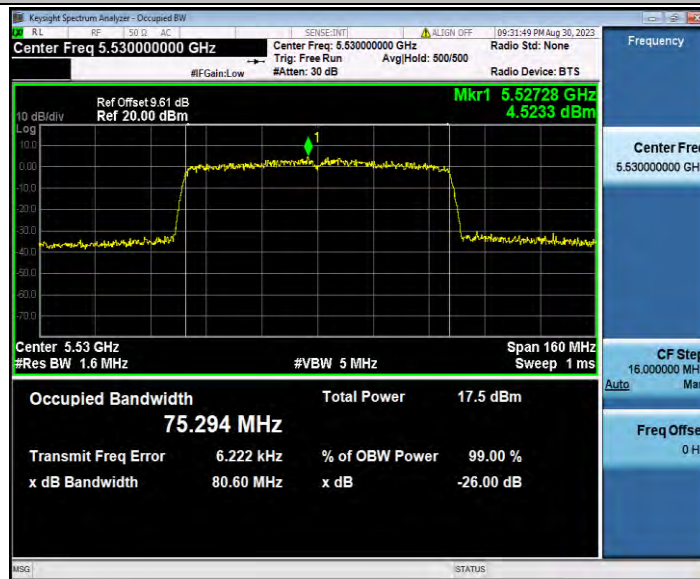
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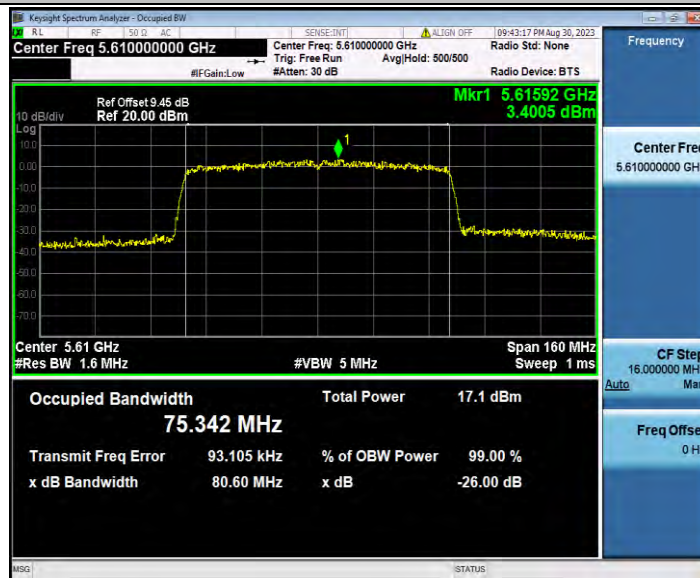
11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



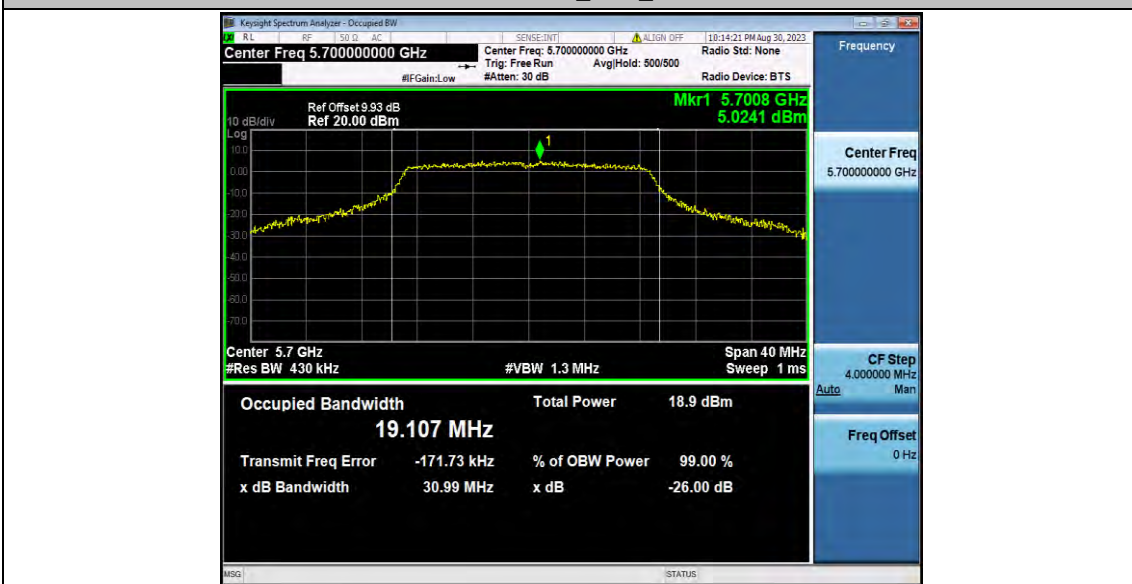
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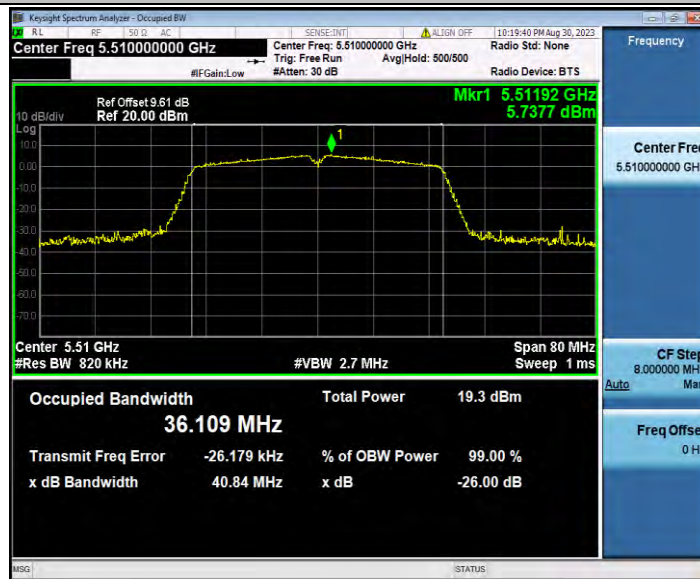
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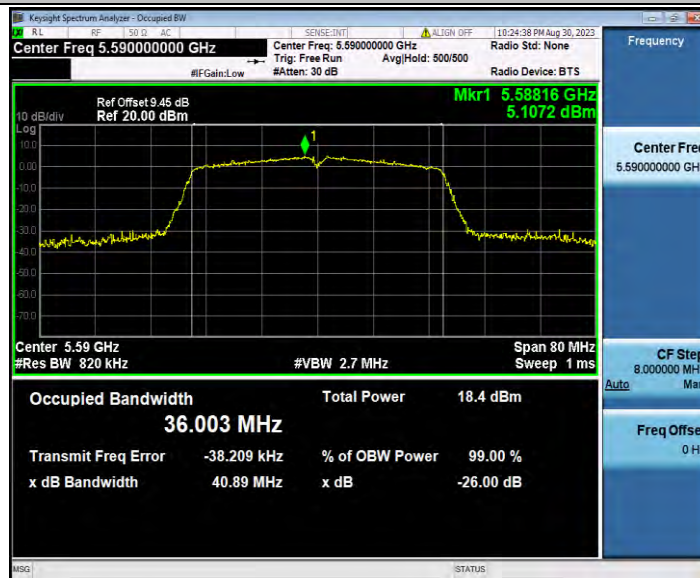
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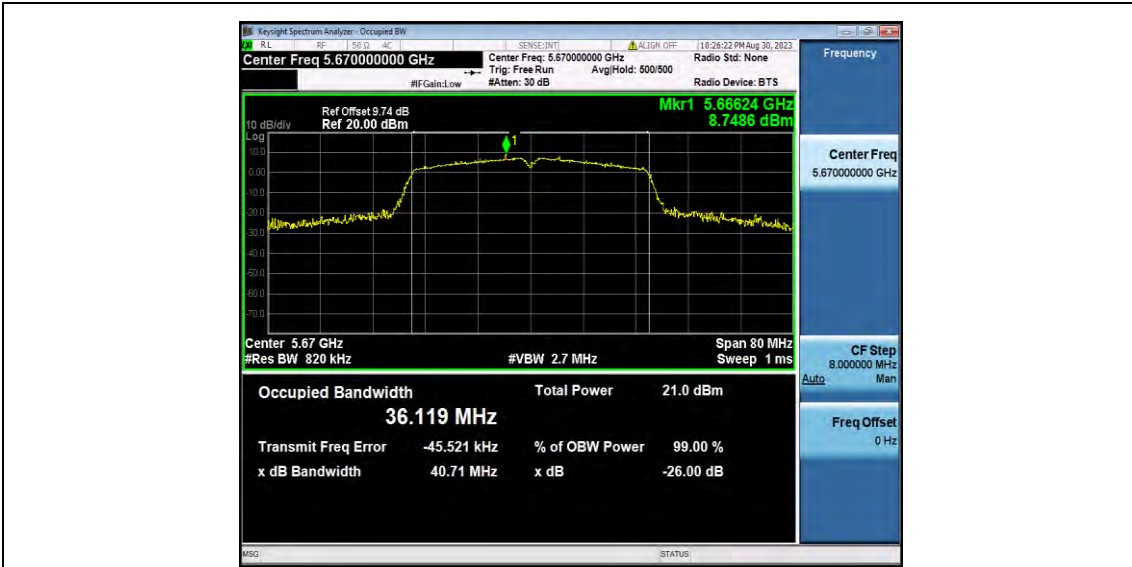
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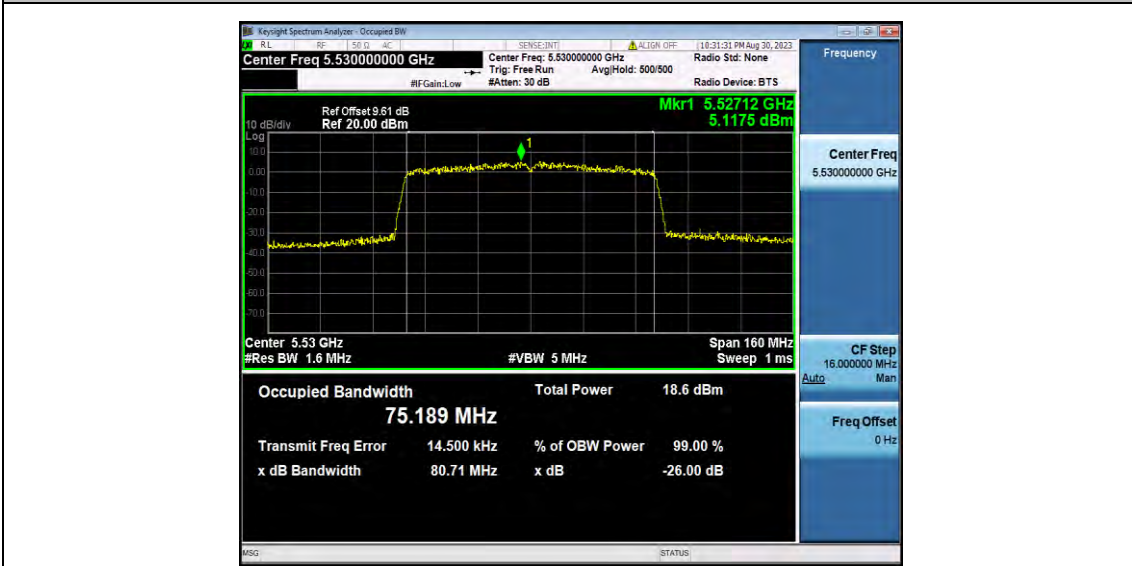
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11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



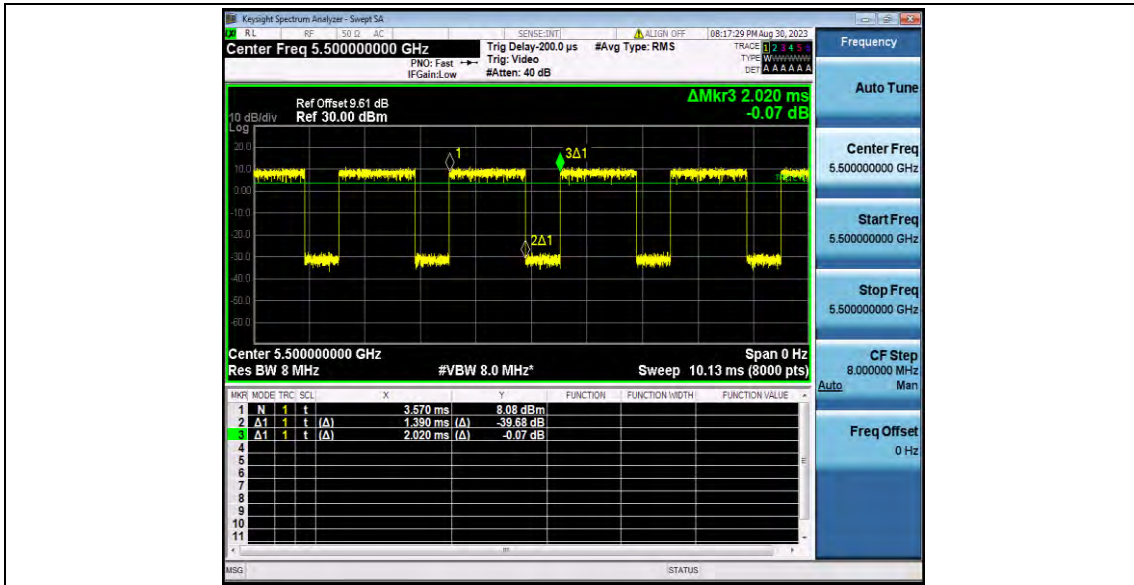
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Appendix F.3: Duty Cycle

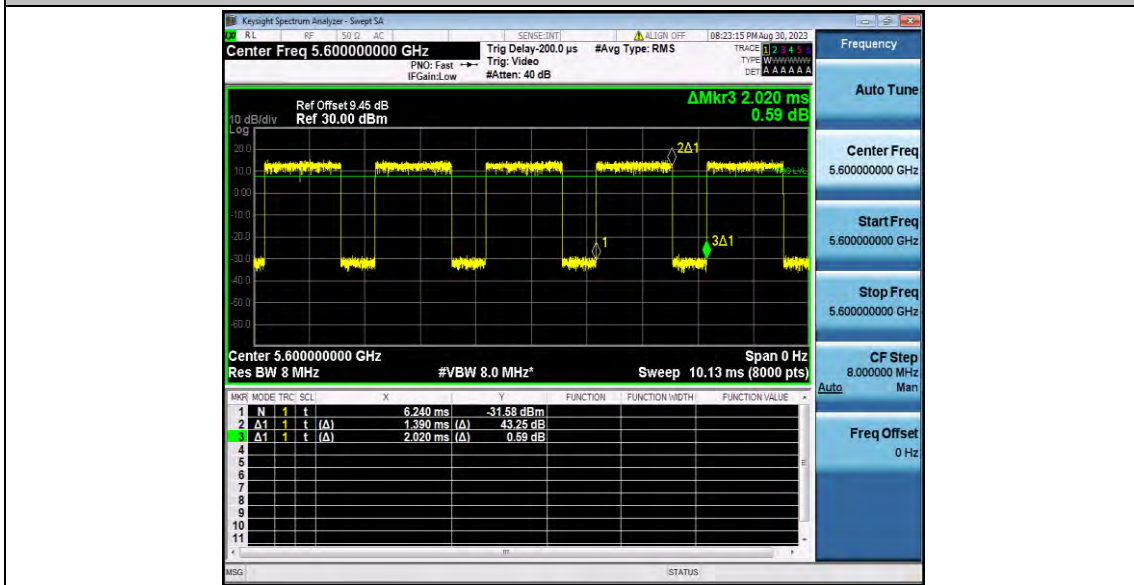
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5500	1.39	2.02	68.81
		5600	1.39	2.02	68.81
		5700	1.40	2.08	67.31
11N20SISO	Ant1	5500	1.31	1.93	67.88
		5600	1.30	1.92	67.71
		5700	1.30	1.93	67.36
11N40SISO	Ant1	5510	0.65	1.29	50.39
		5590	0.65	1.29	50.39
		5670	0.65	1.29	50.39
11AC20SISO	Ant1	5500	1.31	1.95	67.18
		5600	1.31	1.96	66.84
		5700	1.31	1.95	67.18
11AC40SISO	Ant1	5510	0.66	1.30	50.77
		5590	0.65	1.29	50.39
		5670	0.65	1.29	50.39
11AC80SISO	Ant1	5530	0.33	0.96	34.38
		5610	0.33	0.96	34.38
11AX20SISO	Ant1	5500	1.31	1.95	67.18
		5600	1.31	1.96	66.84
		5700	1.31	1.96	66.84
11AX40SISO	Ant1	5510	0.66	1.29	51.16
		5590	0.65	1.28	50.78
		5670	0.65	1.29	50.39
11AX80SISO	Ant1	5530	0.33	0.97	34.02
		5610	0.32	0.95	33.68

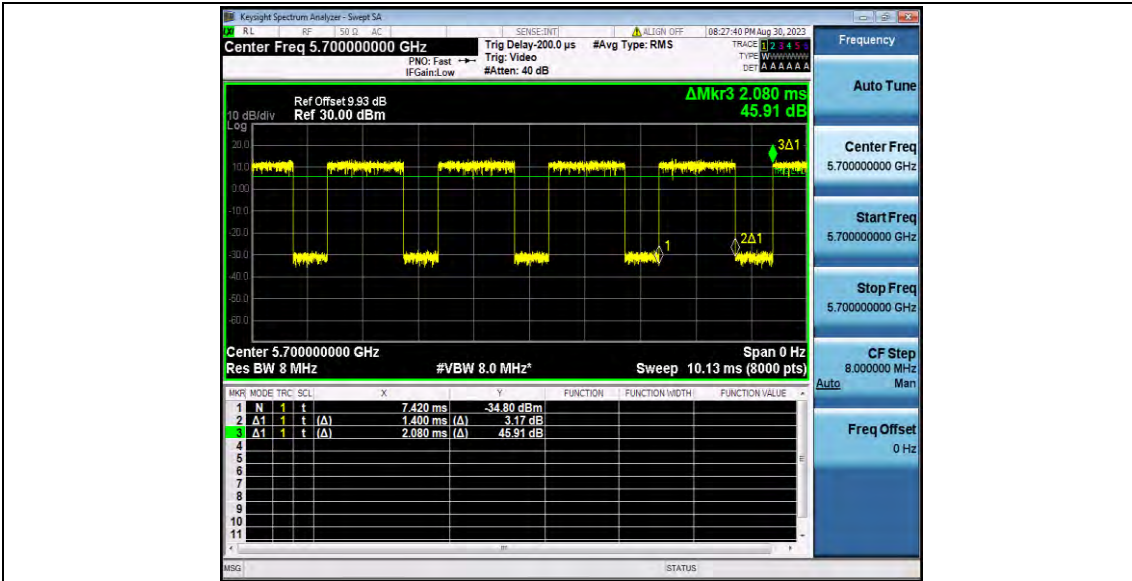
Test Graphs



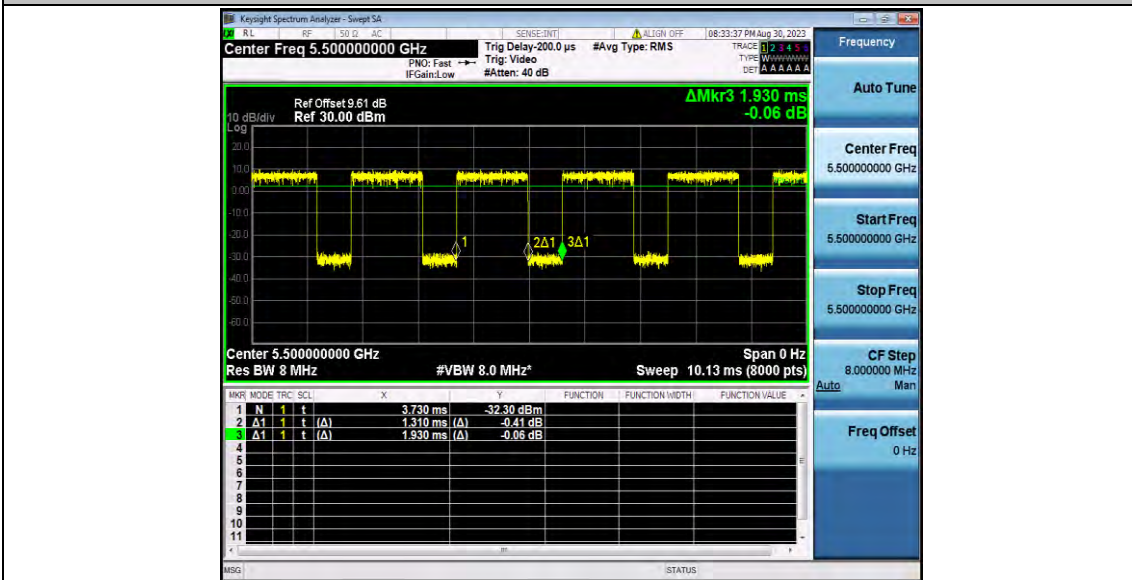
11A_Ant1_5500



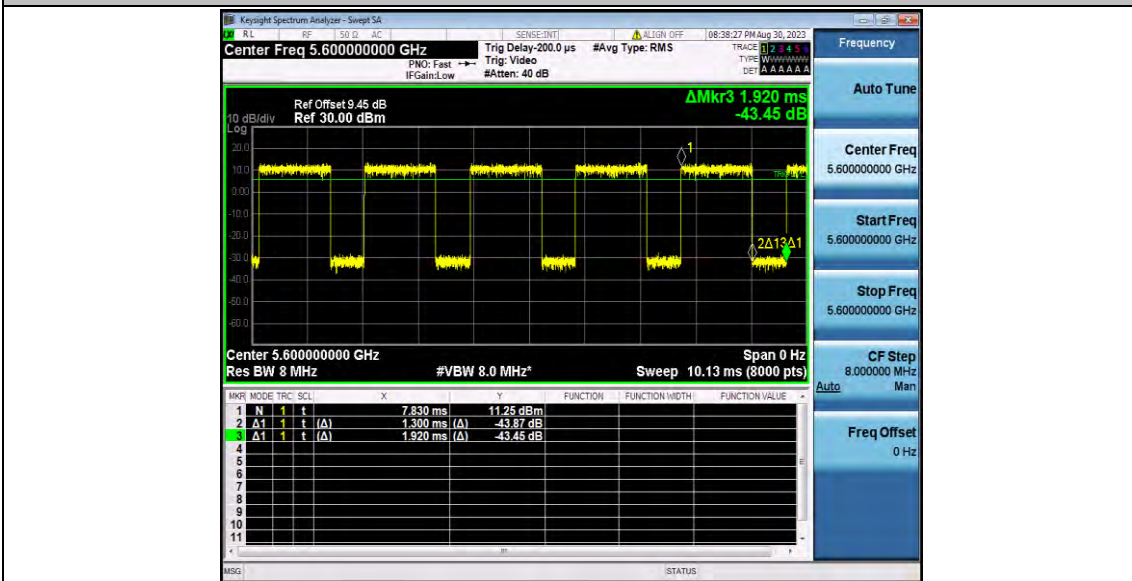
11A_Ant1_5600



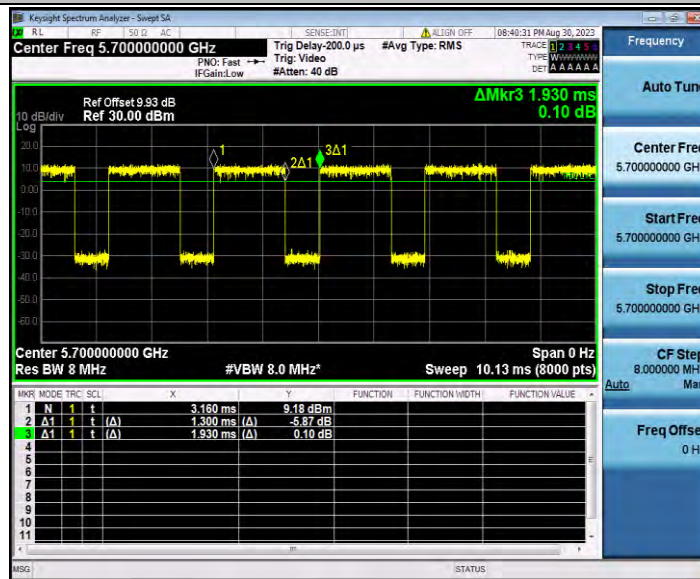
11A_Ant1_5700



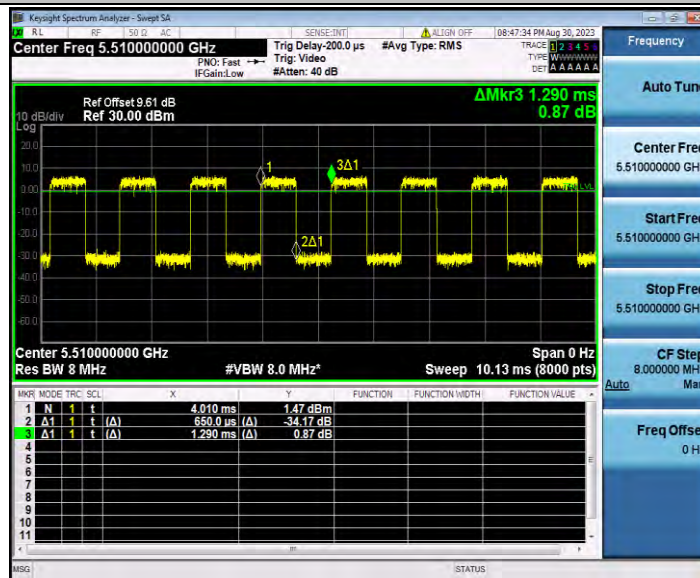
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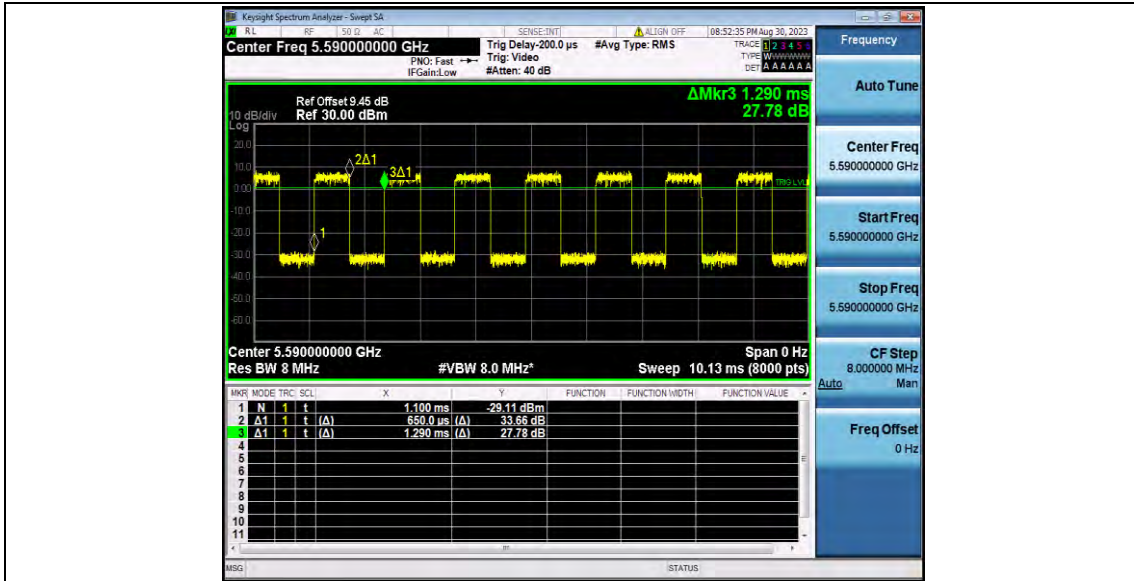
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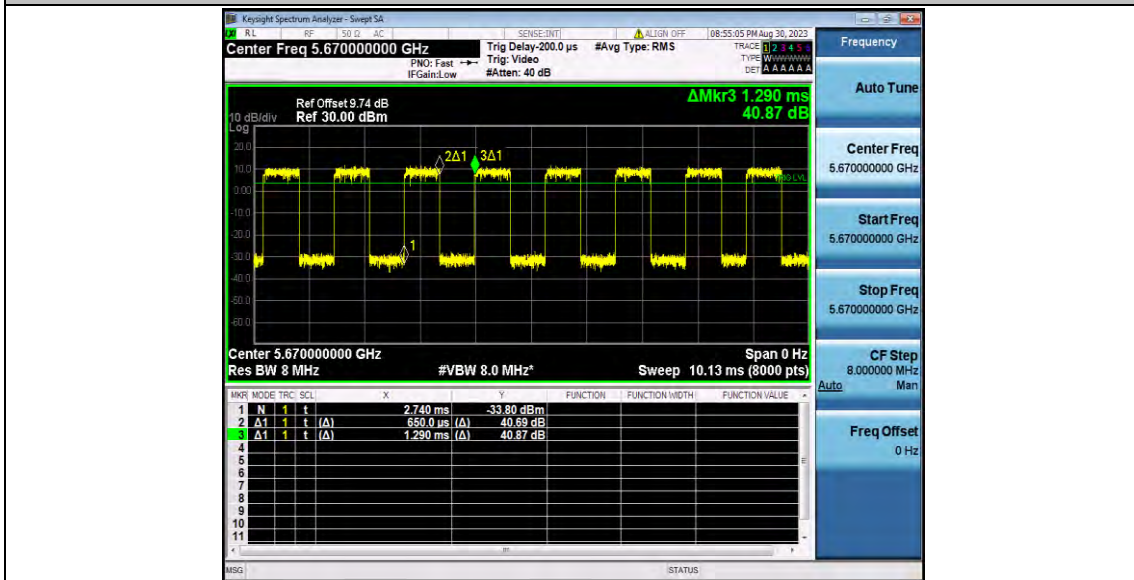
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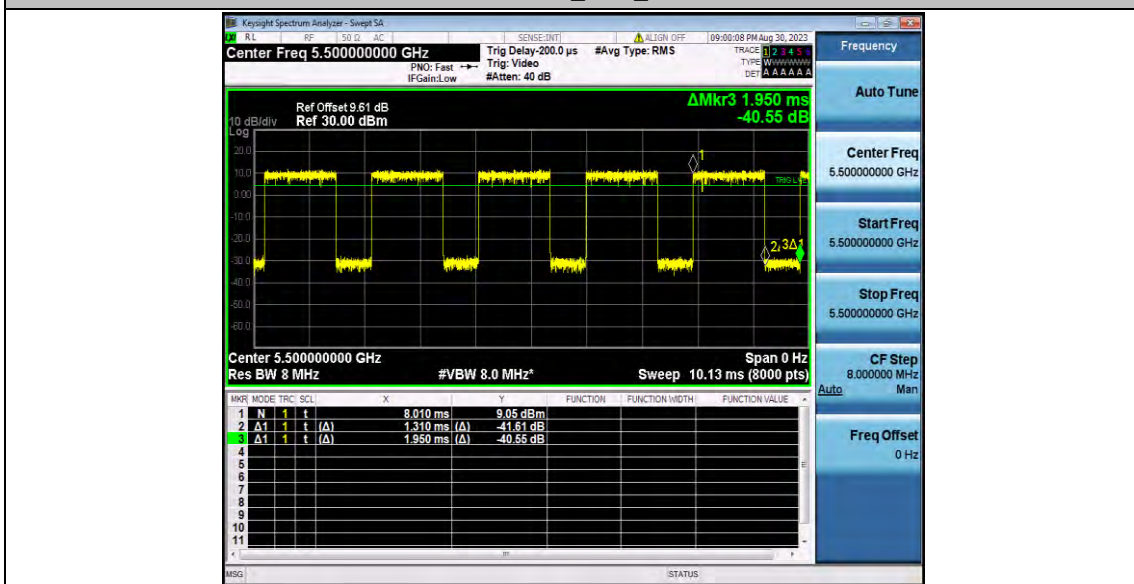
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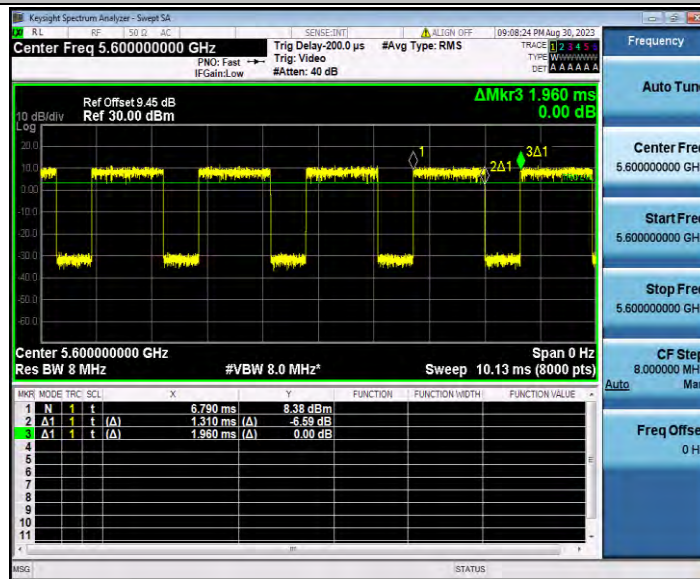
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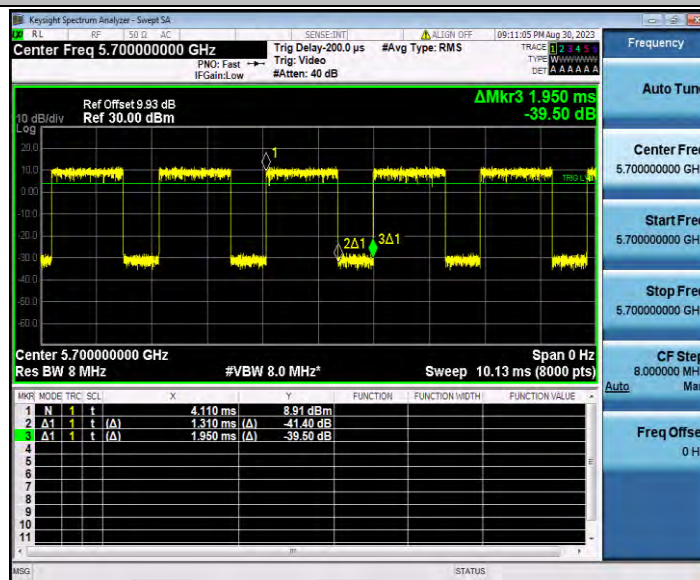
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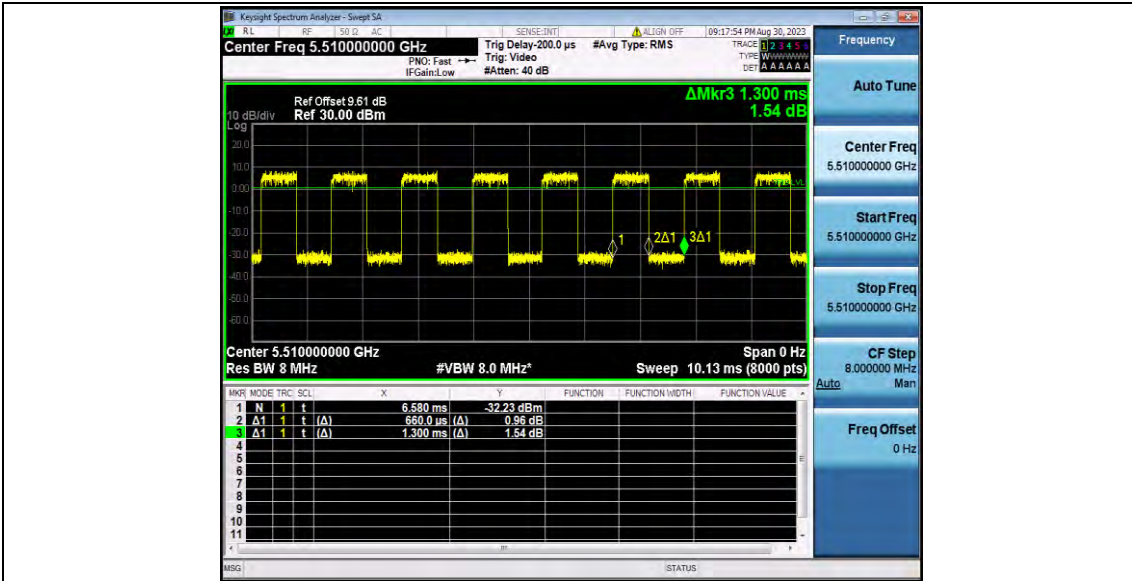
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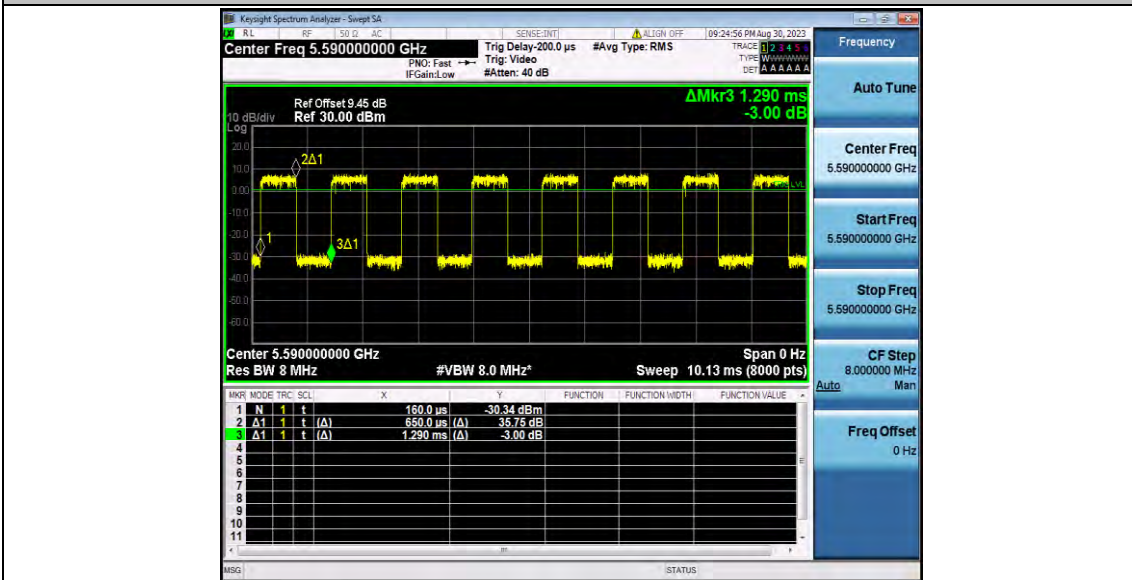
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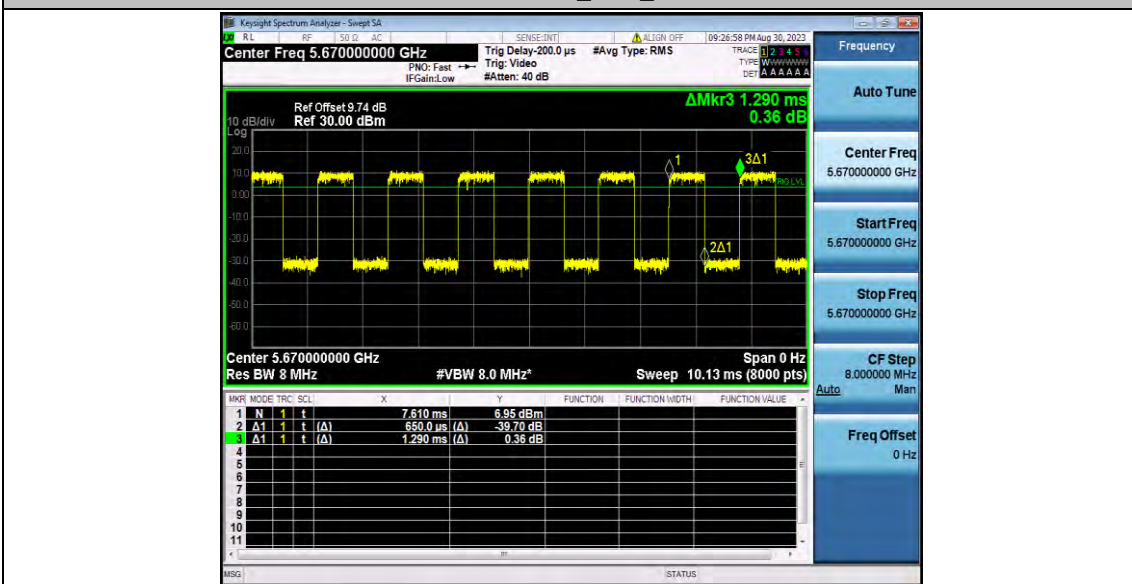
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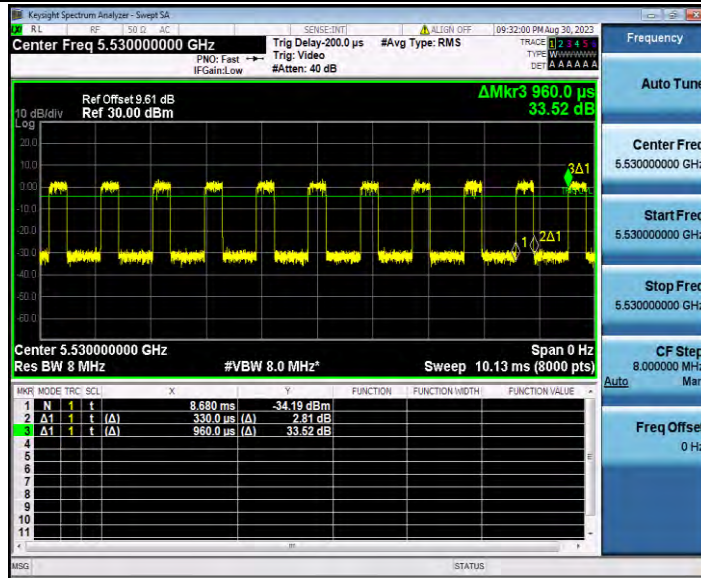
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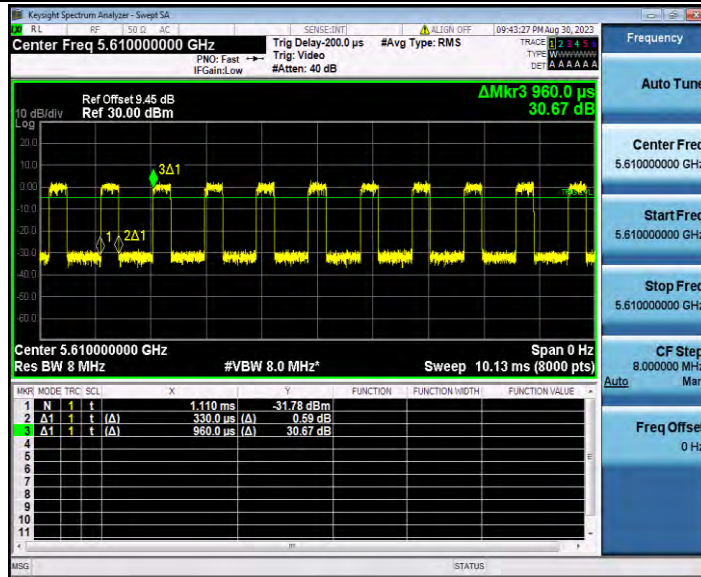
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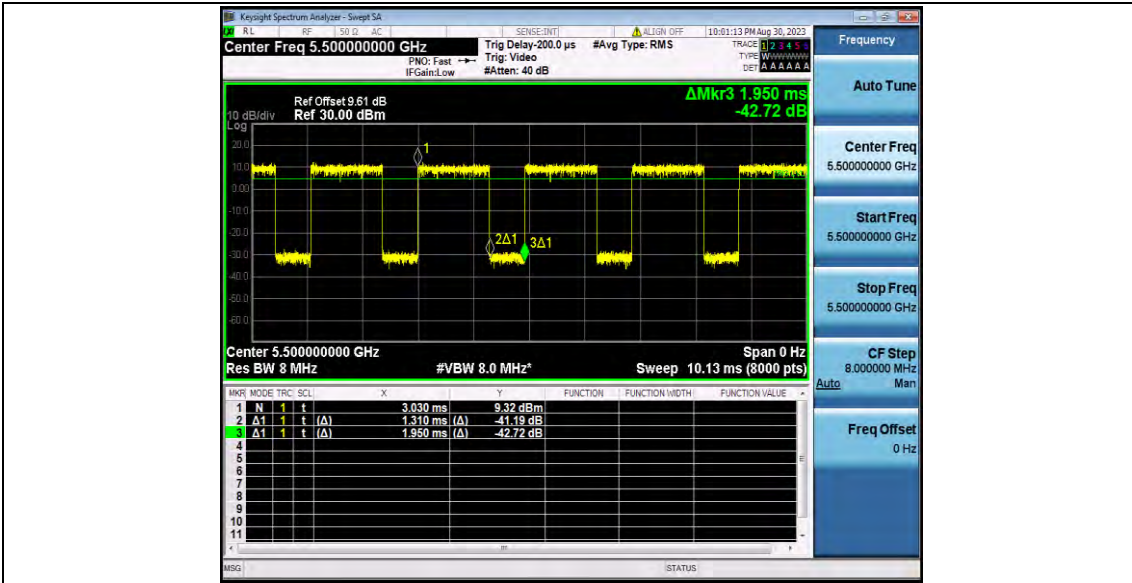
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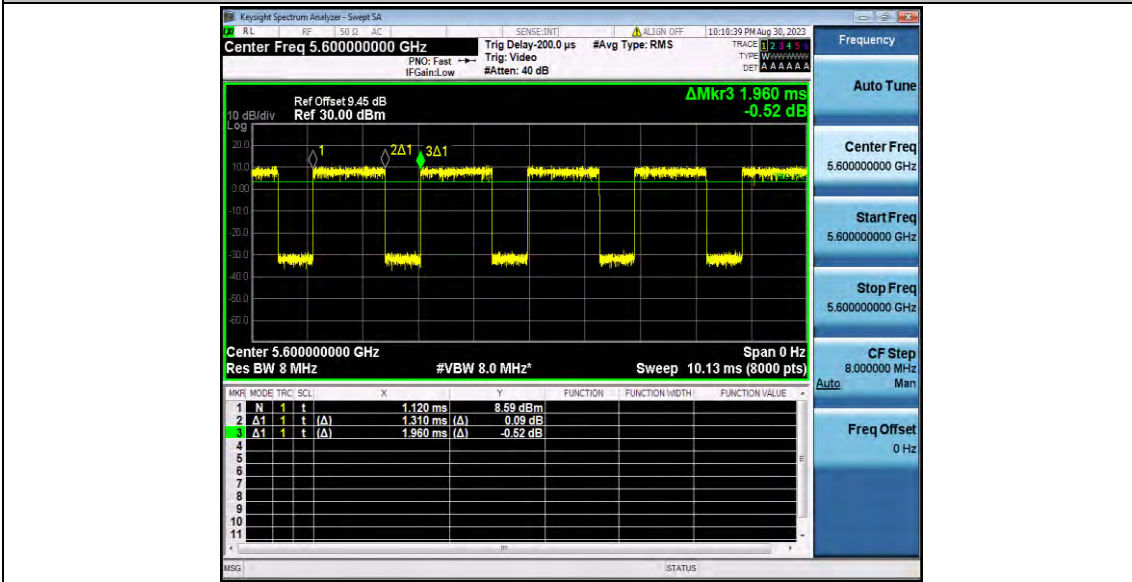
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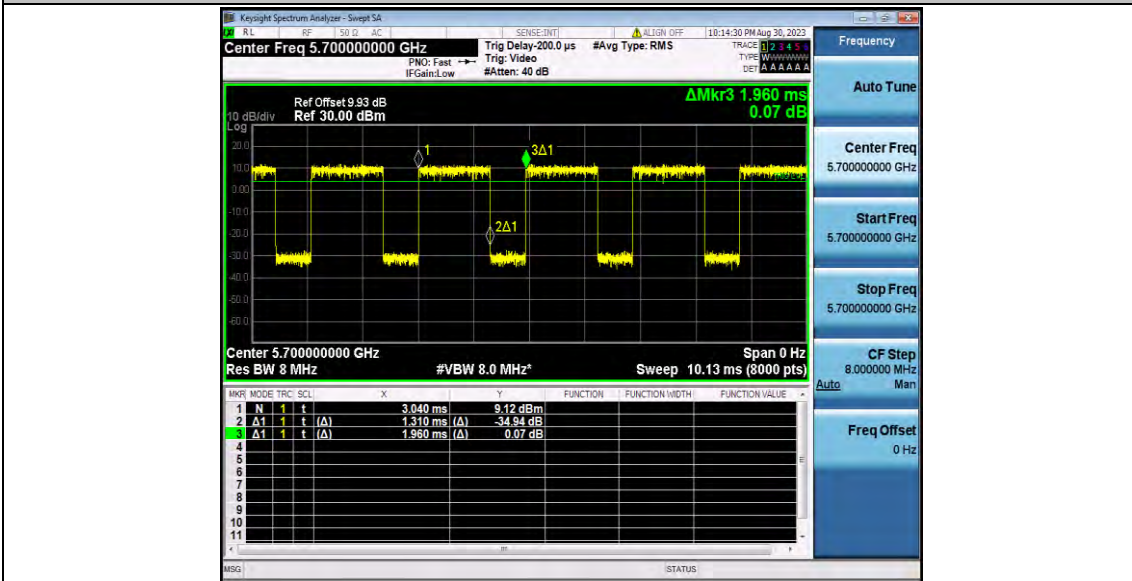
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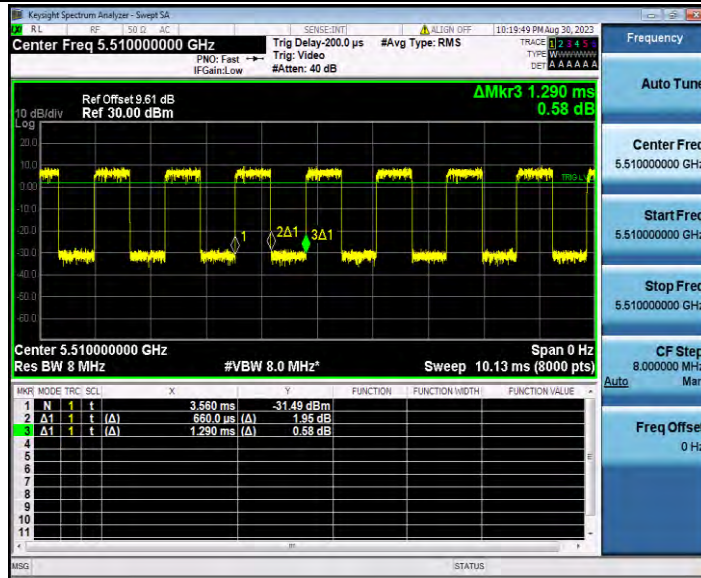
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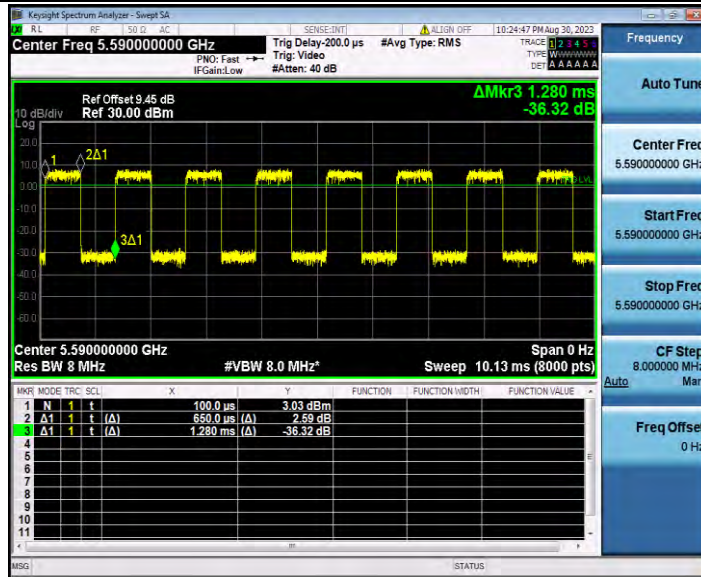
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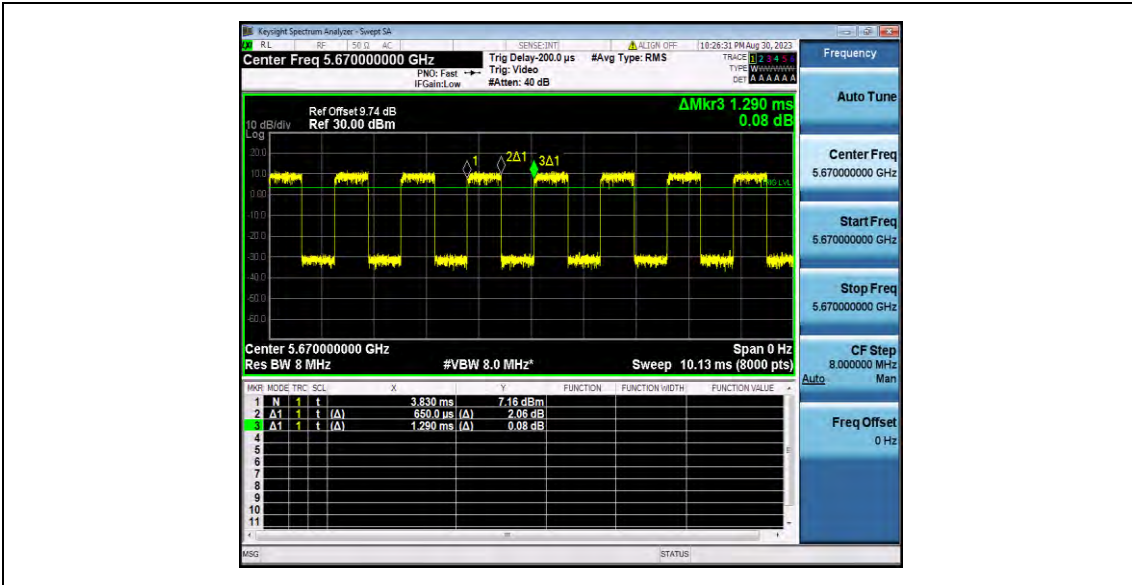
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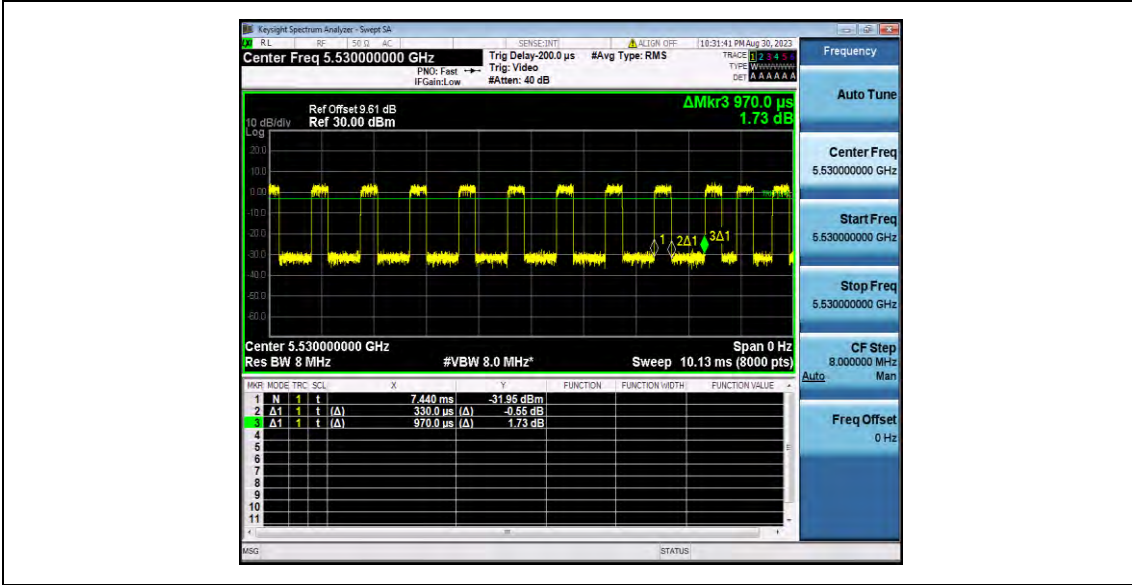
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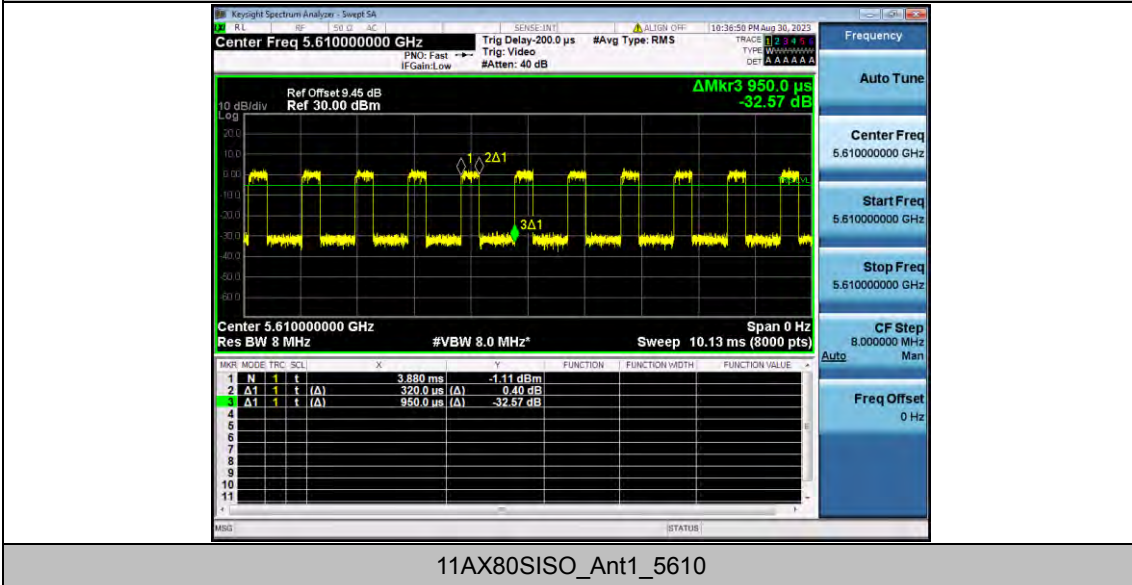
11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610