

Case No. : <u>GTS20230704026-1-23</u>
Ambient Condition: <u>24 °C, 50 %RH, Atmos100.1Kpa,</u>
Test Date: <u>2023.7.31</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	23.080	5488.400	5511.480	---	---
		5600	23.160	5587.920	5611.080	---	---
		5700	24.520	5687.680	5712.200	---	---
11N20SISO	Ant1	5500	24.320	5488.120	5512.440	---	---
		5600	24.360	5588.000	5612.360	---	---
		5700	23.680	5688.240	5711.920	---	---
11N40SISO	Ant1	5510	39.440	5490.400	5529.840	---	---
		5590	40.960	5569.360	5610.320	---	---
		5670	40.640	5649.840	5690.480	---	---
11AC20SISO	Ant1	5500	24.920	5487.200	5512.120	---	---
		5600	24.480	5588.040	5612.520	---	---
		5700	23.080	5688.400	5711.480	---	---
11AC40SISO	Ant1	5510	39.760	5490.000	5529.760	---	---
		5590	39.600	5570.080	5609.680	---	---
		5670	39.280	5650.320	5689.600	---	---
11AC80SISO	Ant1	5530	80.000	5490.000	5570.000	---	---
		5610	80.000	5570.000	5650.000	---	---
11AX20SISO	Ant1	5500	25.800	5487.840	5513.640	---	---
		5600	25.120	5588.160	5613.280	---	---
		5700	25.800	5686.440	5712.240	---	---
11AX40SISO	Ant1	5510	39.760	5490.160	5529.920	---	---
		5590	39.760	5570.240	5610.000	---	---
		5670	39.520	5650.240	5689.760	---	---
11AX80SISO	Ant1	5530	80.480	5489.840	5570.320	---	---
		5610	80.480	5569.680	5650.160	---	---

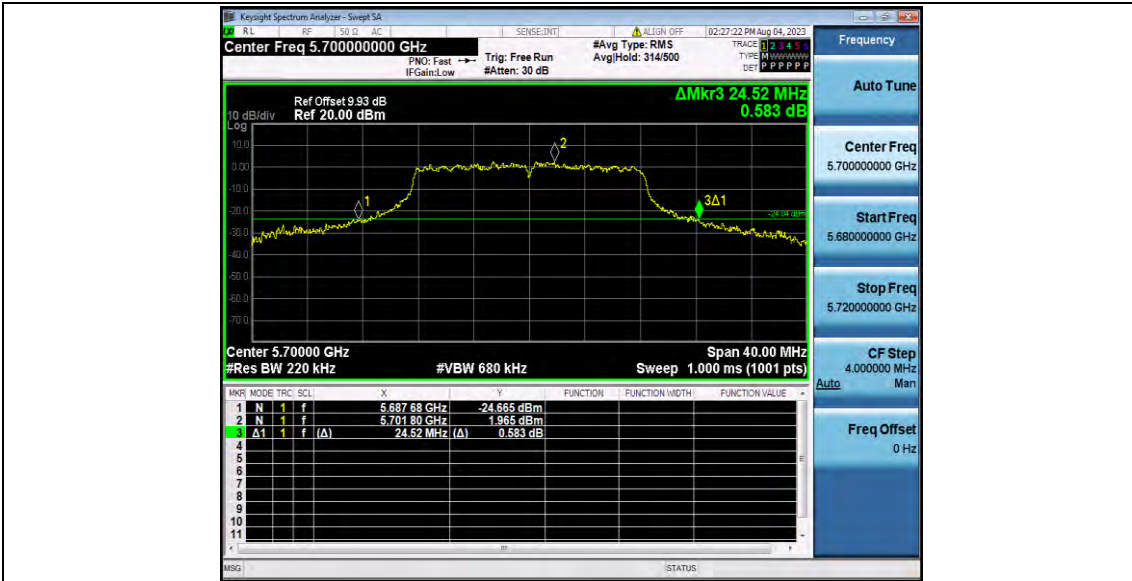
Test Graphs



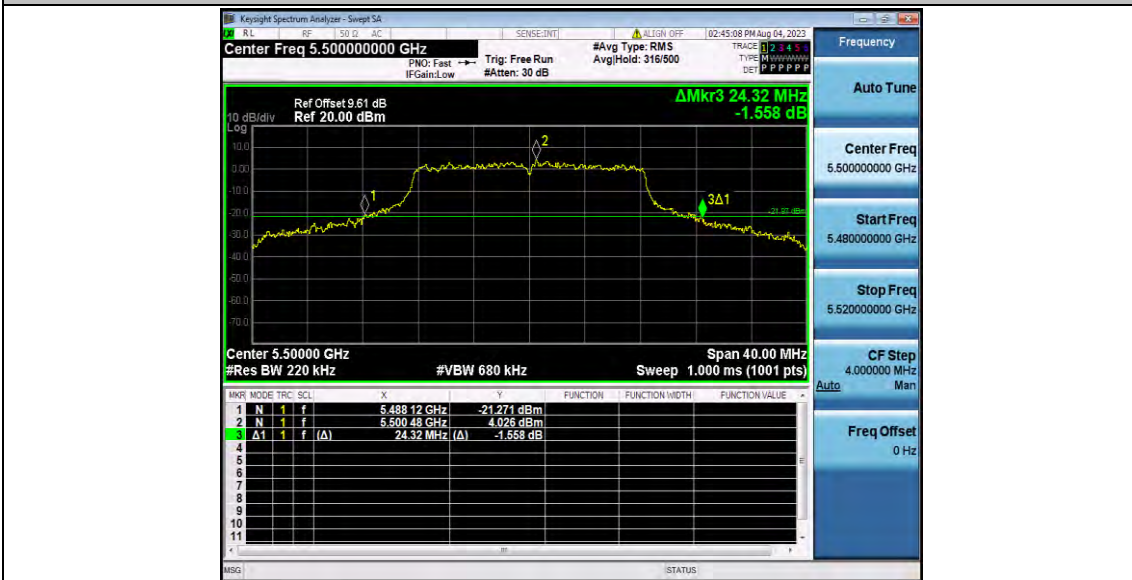
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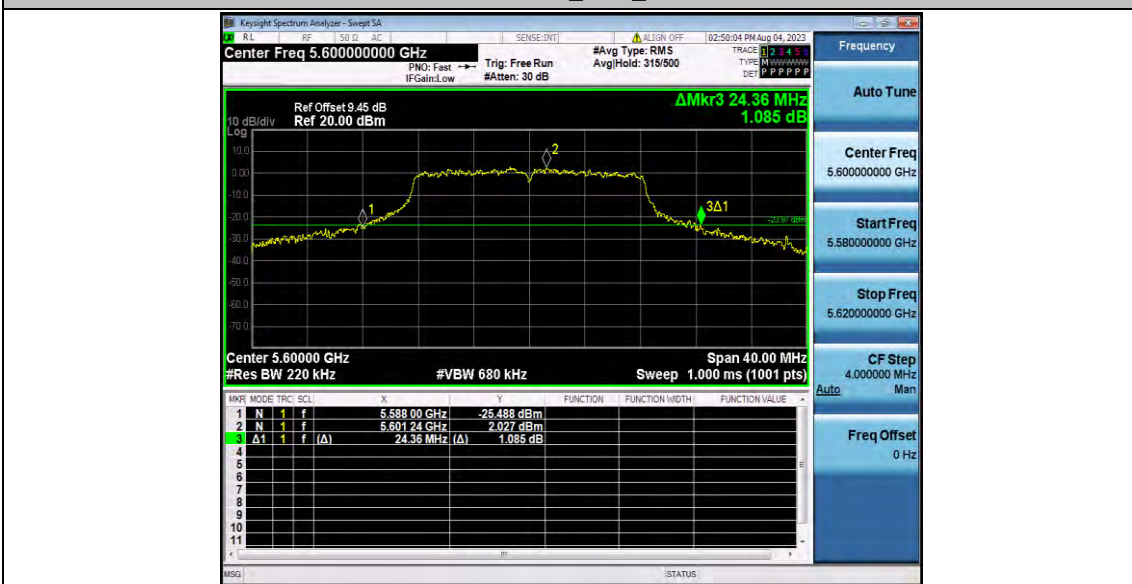
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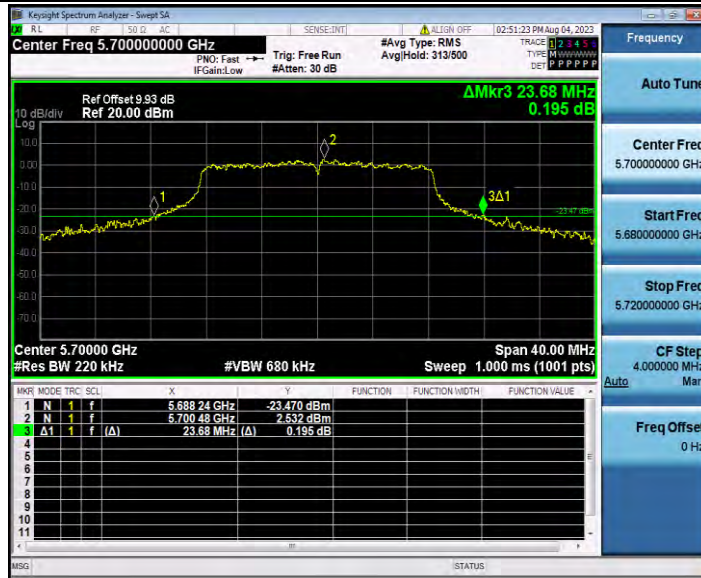
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11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



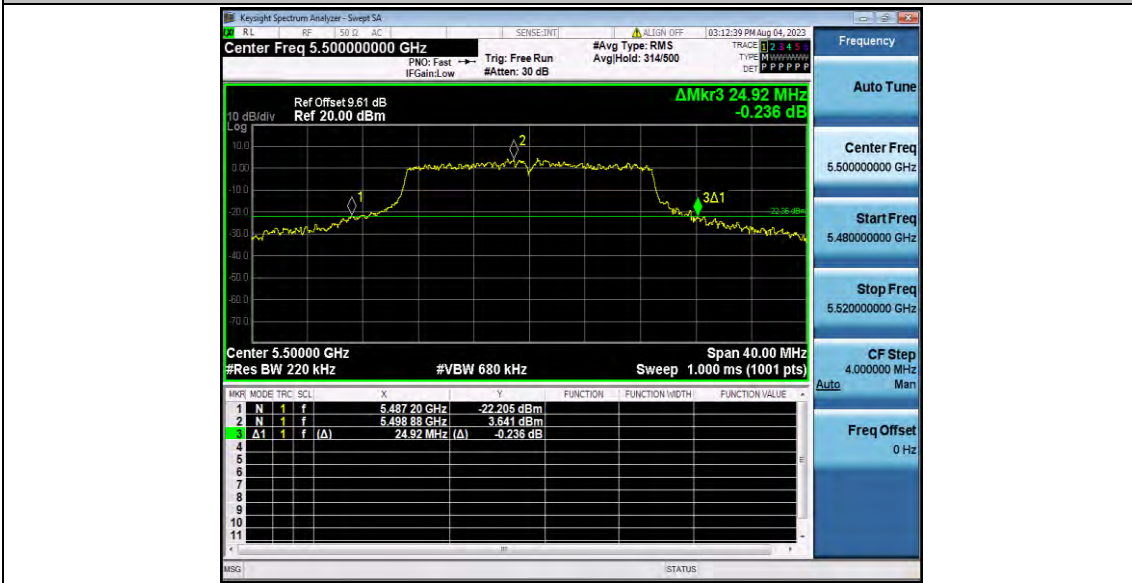
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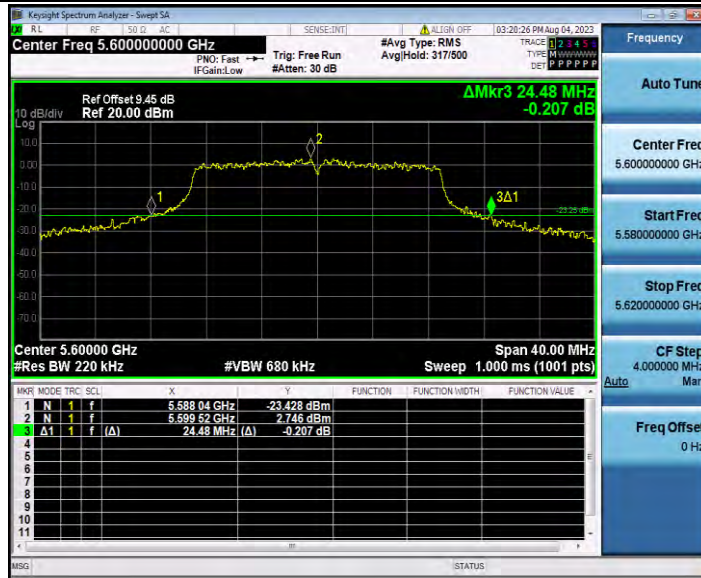
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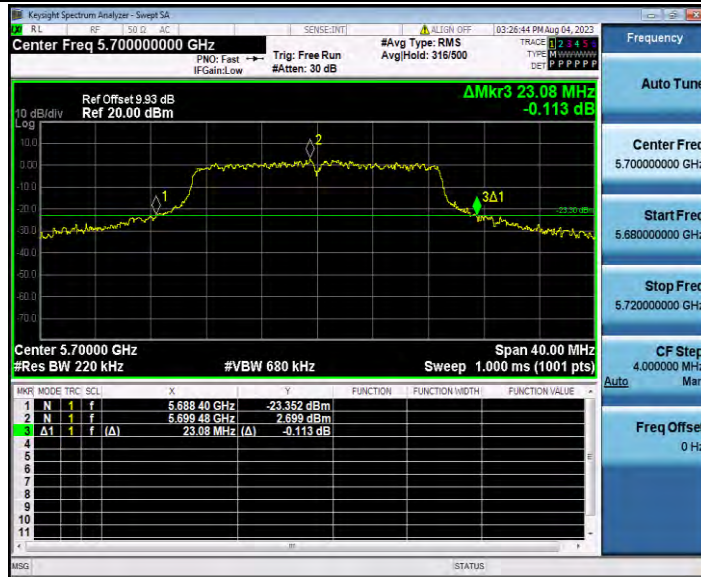
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11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600



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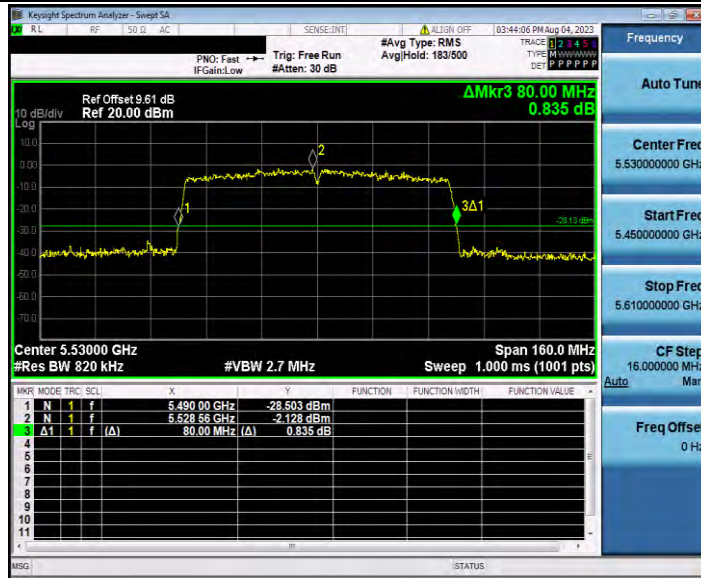
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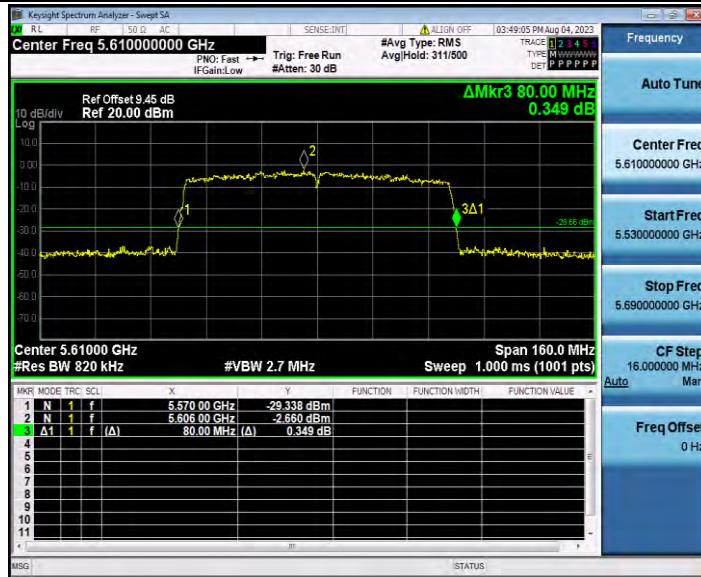
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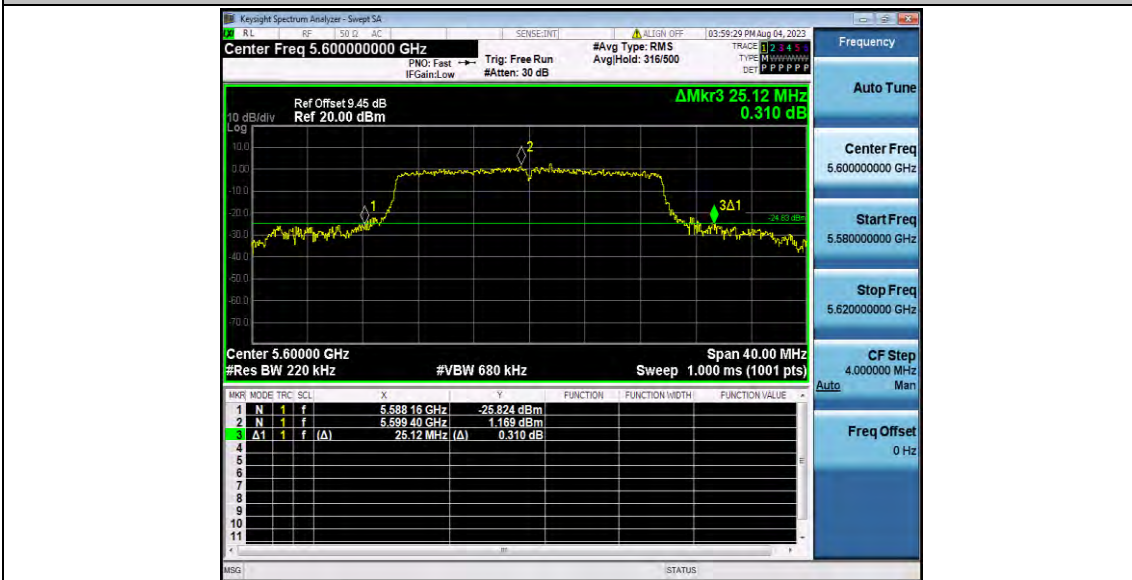
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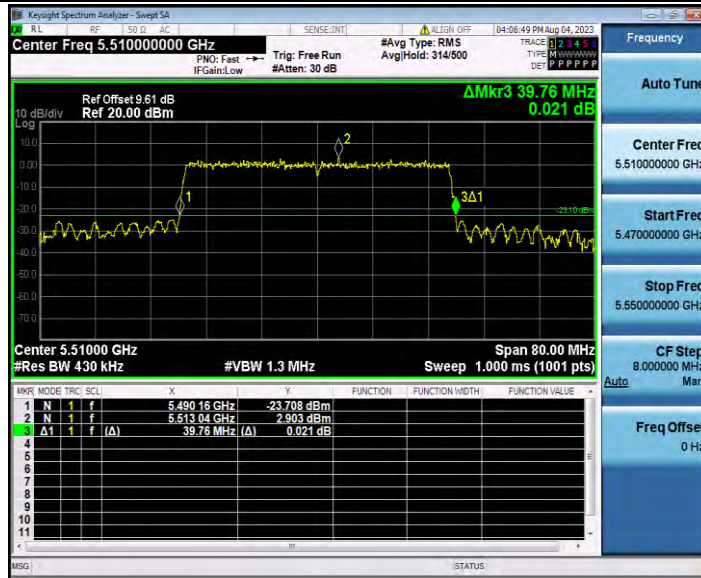
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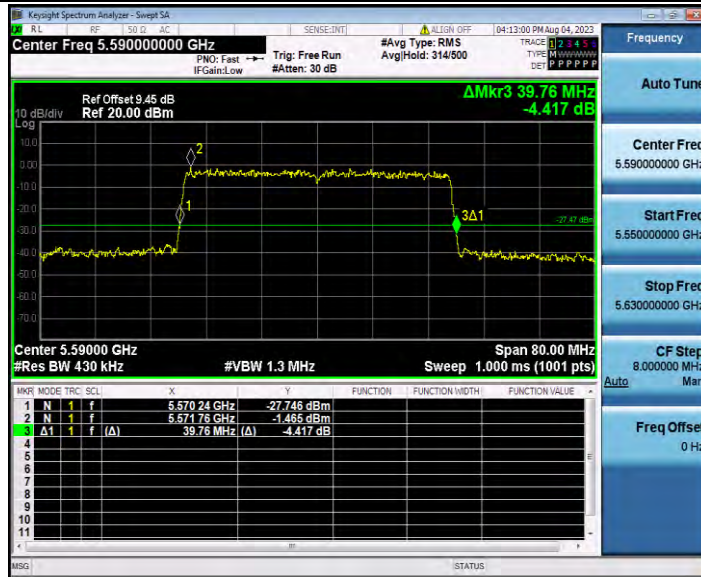
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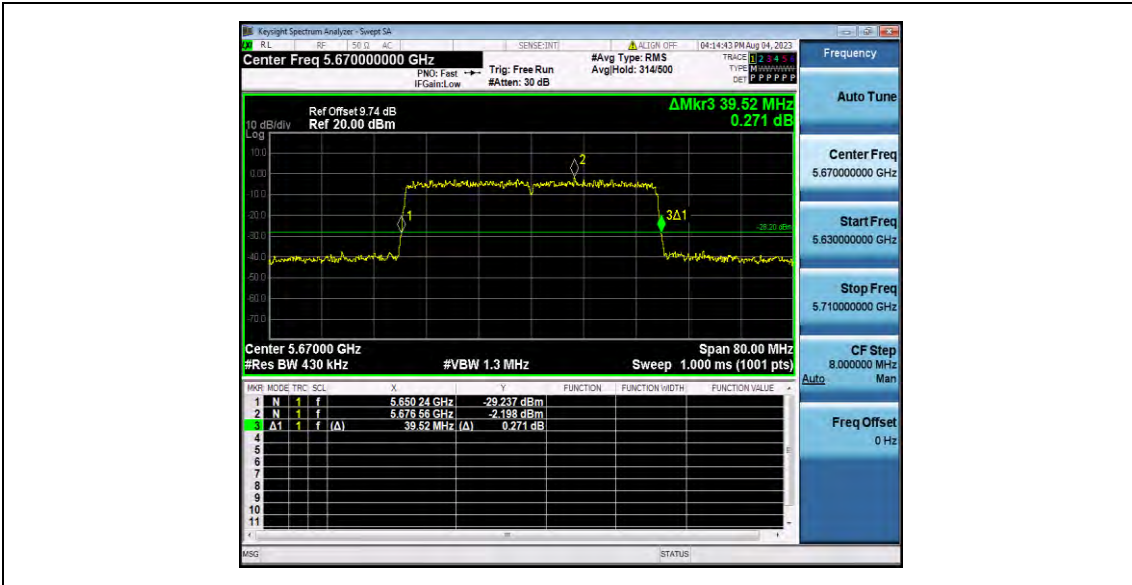
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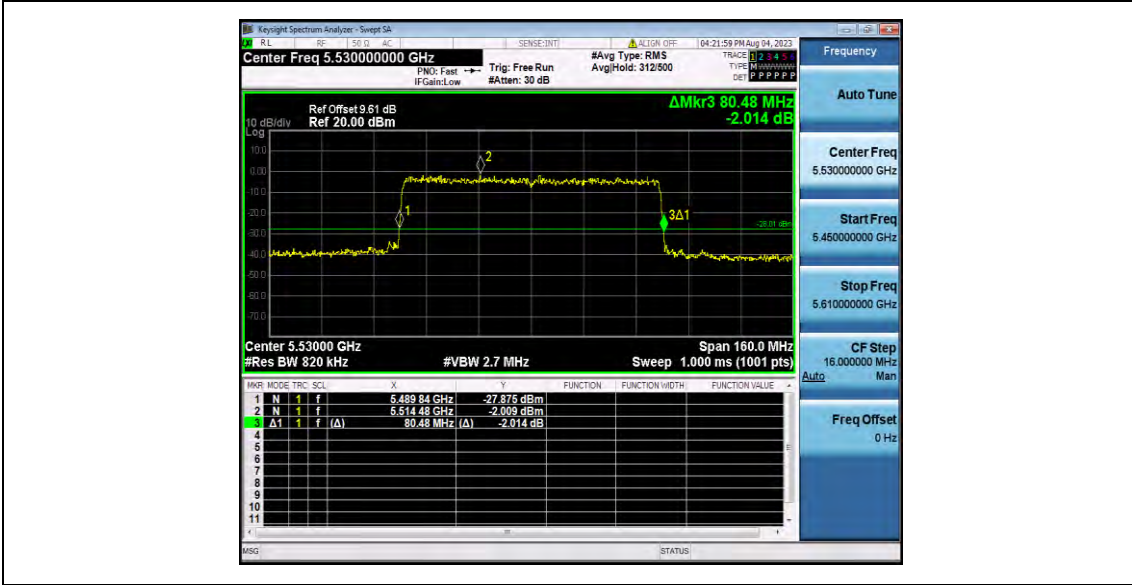
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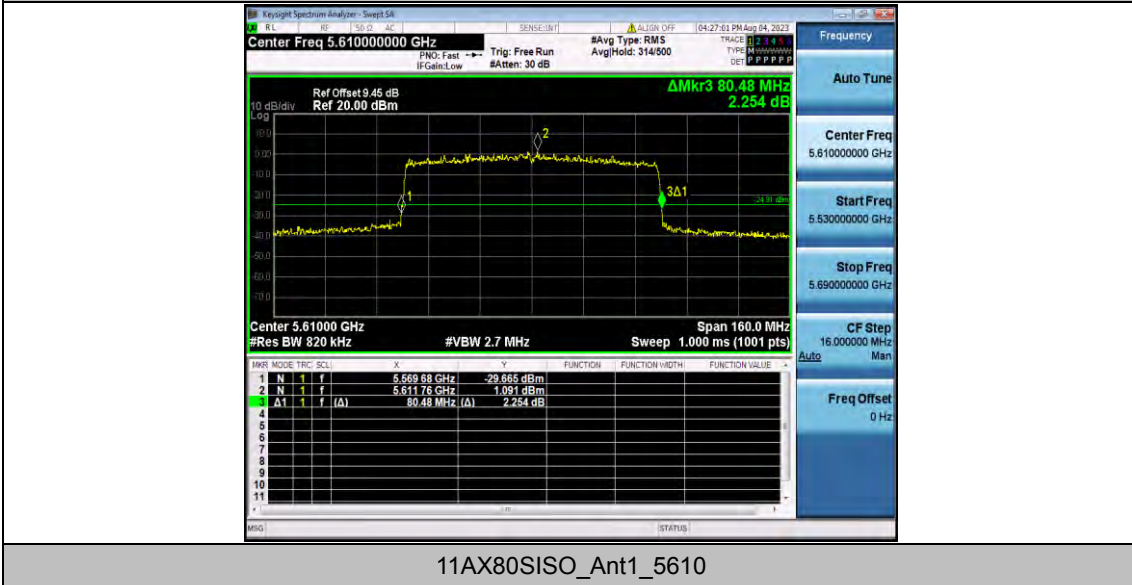
11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

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	17.470	5491.178	5508.648	---	---
		5600	17.457	5591.136	5608.593	---	---
		5700	17.541	5691.118	5708.659	---	---
11N20SISO	Ant1	5500	17.674	5491.057	5508.731	---	---
		5600	17.583	5591.039	5608.622	---	---
		5700	17.672	5691.054	5708.726	---	---
11N40SISO	Ant1	5510	36.155	5491.948	5528.103	---	---
		5590	36.424	5571.734	5608.158	---	---
		5670	36.402	5651.814	5688.216	---	---
11AC20SISO	Ant1	5500	18.314	5490.814	5509.128	---	---
		5600	18.297	5590.784	5609.081	---	---
		5700	18.351	5690.756	5709.107	---	---
11AC40SISO	Ant1	5510	36.083	5491.961	5528.044	---	---
		5590	35.974	5571.997	5607.971	---	---
		5670	35.901	5652.099	5688.000	---	---
11AC80SISO	Ant1	5530	75.410	5492.260	5567.670	---	---
		5610	75.531	5572.197	5647.728	---	---
11AX20SISO	Ant1	5500	19.364	5490.299	5509.663	---	---
		5600	19.368	5590.278	5609.646	---	---
		5700	19.310	5690.317	5709.627	---	---
11AX40SISO	Ant1	5510	38.069	5490.965	5529.034	---	---
		5590	37.978	5570.992	5608.970	---	---
		5670	37.920	5651.015	5688.935	---	---
11AX80SISO	Ant1	5530	77.756	5491.052	5568.808	---	---
		5610	76.905	5571.496	5648.401	---	---

Test Graphs



11A_Ant1_5500



11A_Ant1_5600



11A_Ant1_5700



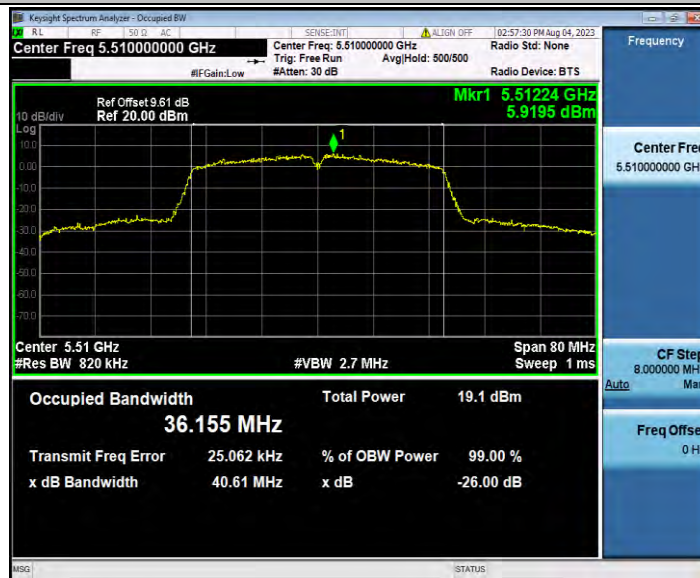
11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



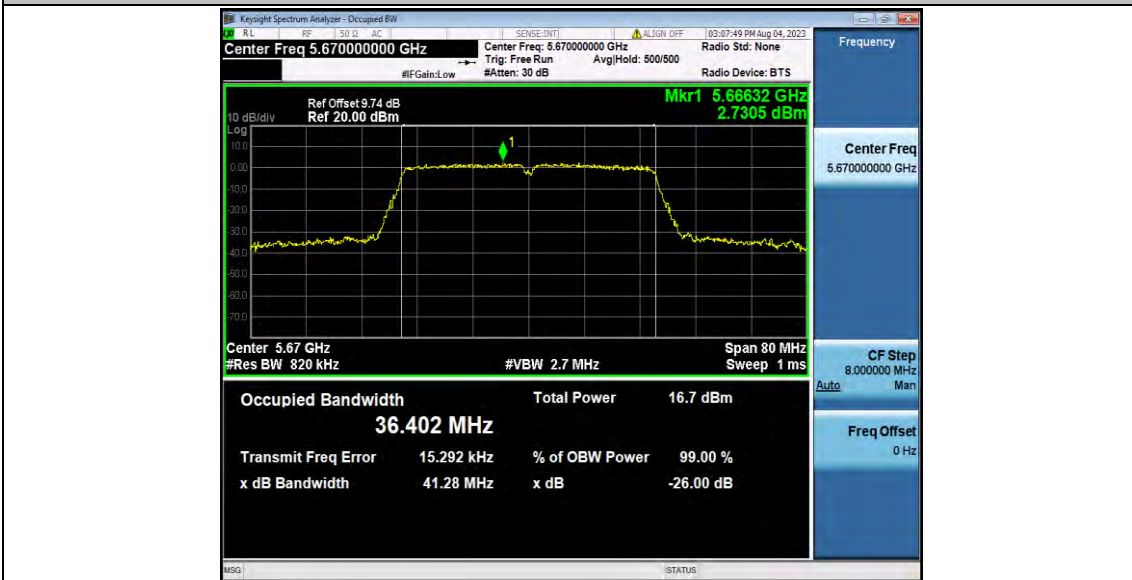
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11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



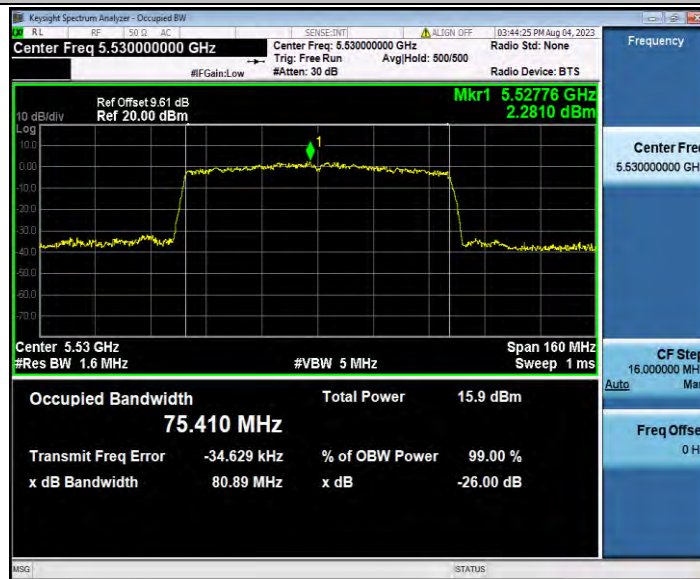
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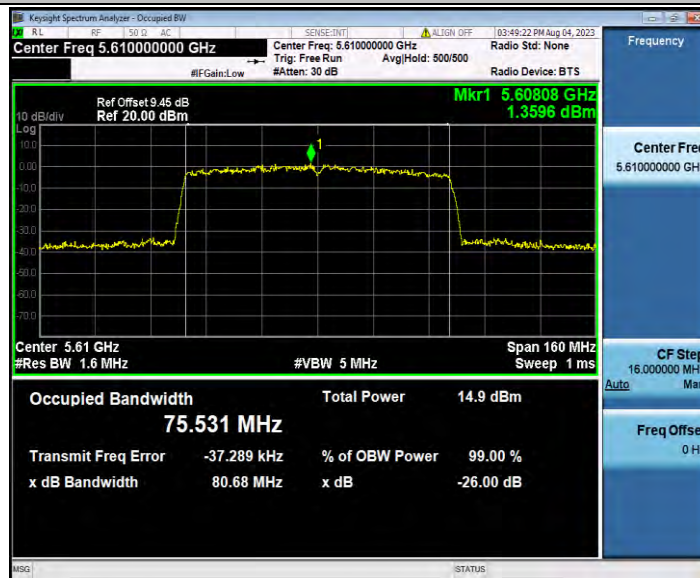
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11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



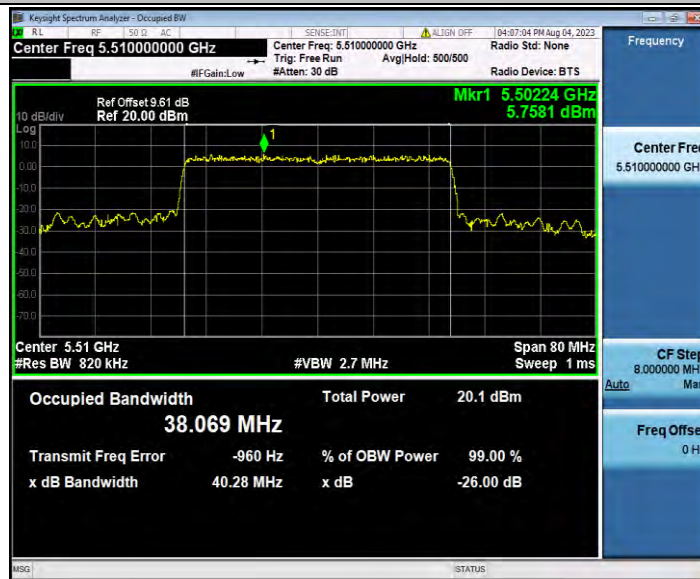
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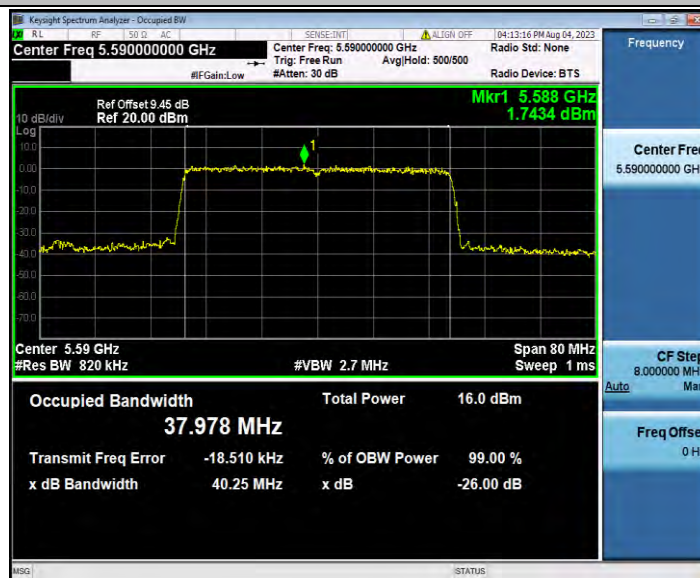
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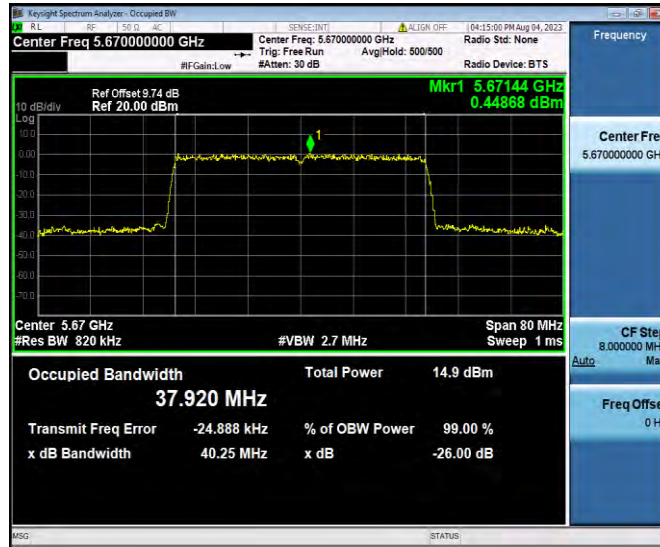
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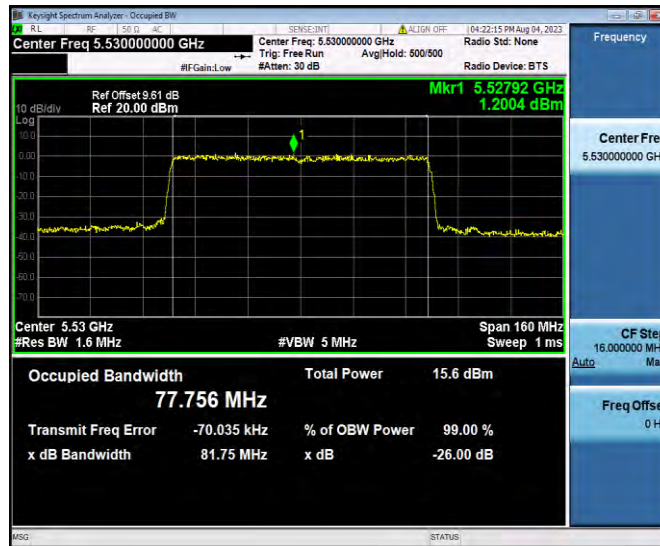
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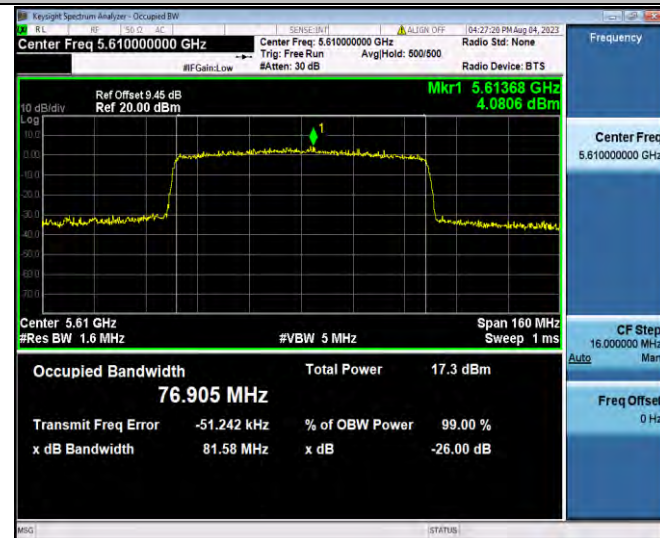
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11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



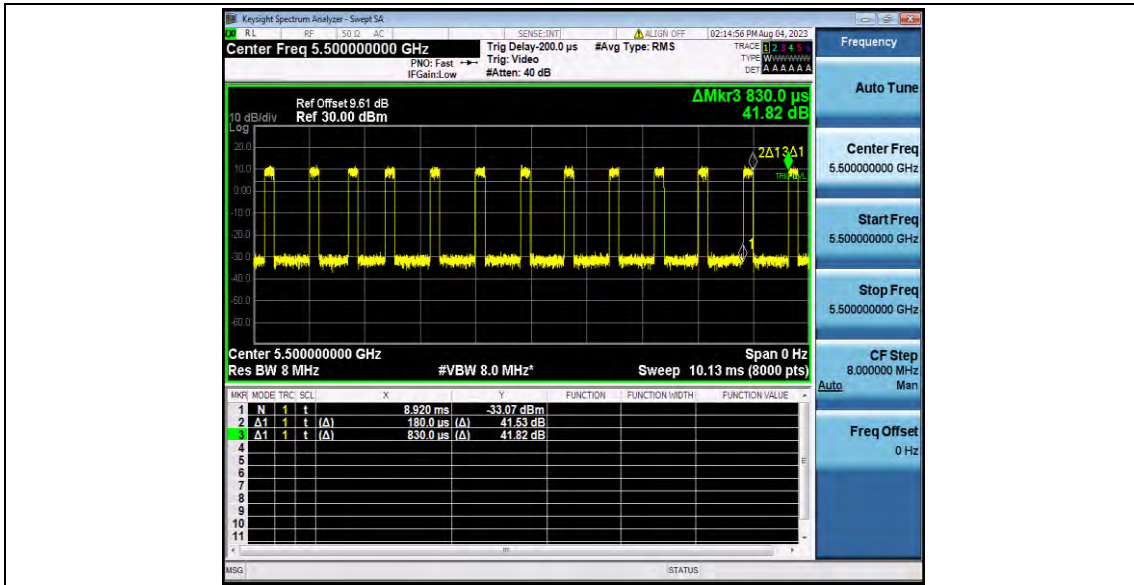
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Appendix F.3: Duty Cycle

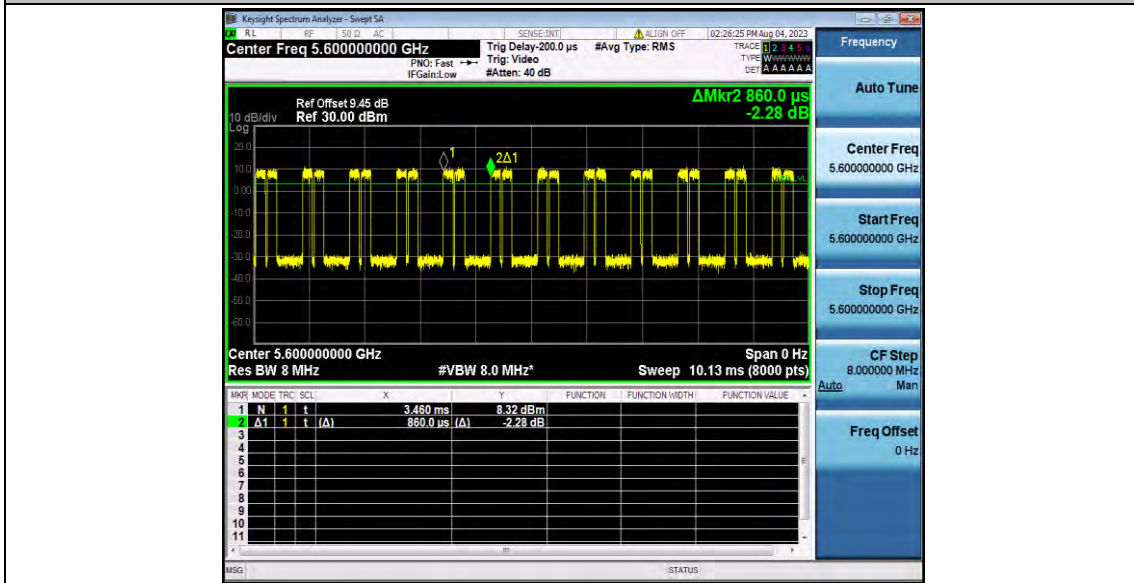
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5500	0.18	0.83	21.69
		5600	0.35	0.86	40.70
		5700	2.64	3.67	71.93
11N20SISO	Ant1	5500	0.19	0.23	82.61
		5600	0.19	0.23	82.61
		5700	0.20	0.23	86.96
11N40SISO	Ant1	5510	3.43	5.04	68.06
		5590	2.49	4.64	53.66
		5670	3.59	6.68	53.74
11AC20SISO	Ant1	5500	0.17	0.21	80.95
		5600	0.17	0.20	85.00
		5700	0.16	0.20	80.00
11AC40SISO	Ant1	5510	3.32	4.80	69.17
		5590	4.58	6.55	69.92
		5670	3.33	4.79	69.52
11AC80SISO	Ant1	5530	2.45	5.07	48.32
		5610	2.45	5.09	48.13
11AX20SISO	Ant1	5500	0.16	0.19	84.21
		5600	0.16	0.20	80.00
		5700	0.15	0.19	78.95
11AX40SISO	Ant1	5510	3.81	6.71	56.78
		5590	3.82	6.67	57.27
		5670	3.81	6.67	57.12
11AX80SISO	Ant1	5530	2.56	5.08	50.39
		5610	0.29	0.32	90.63

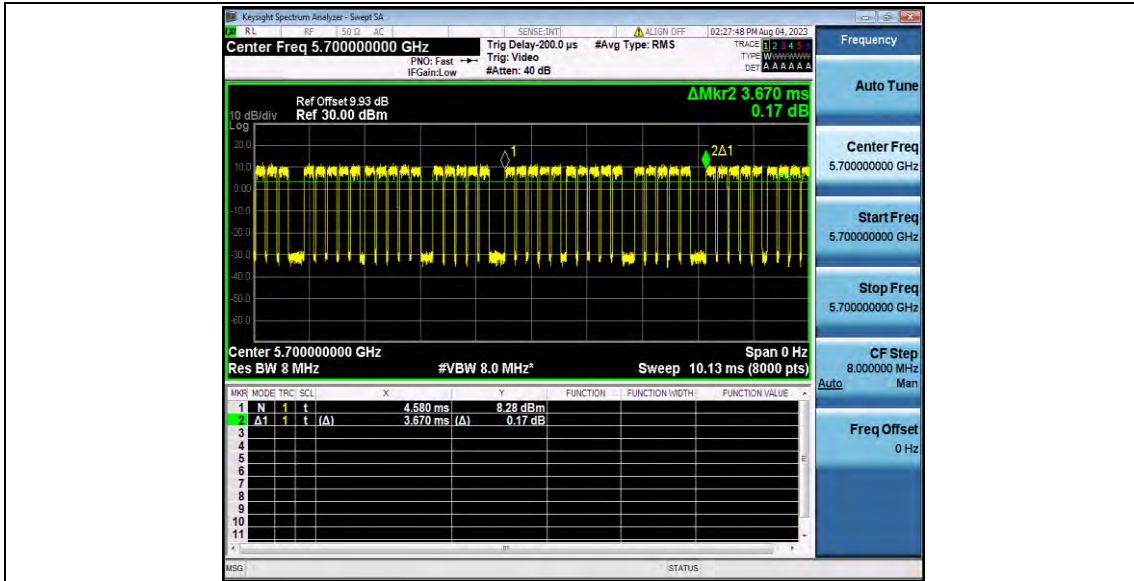
Test Graphs



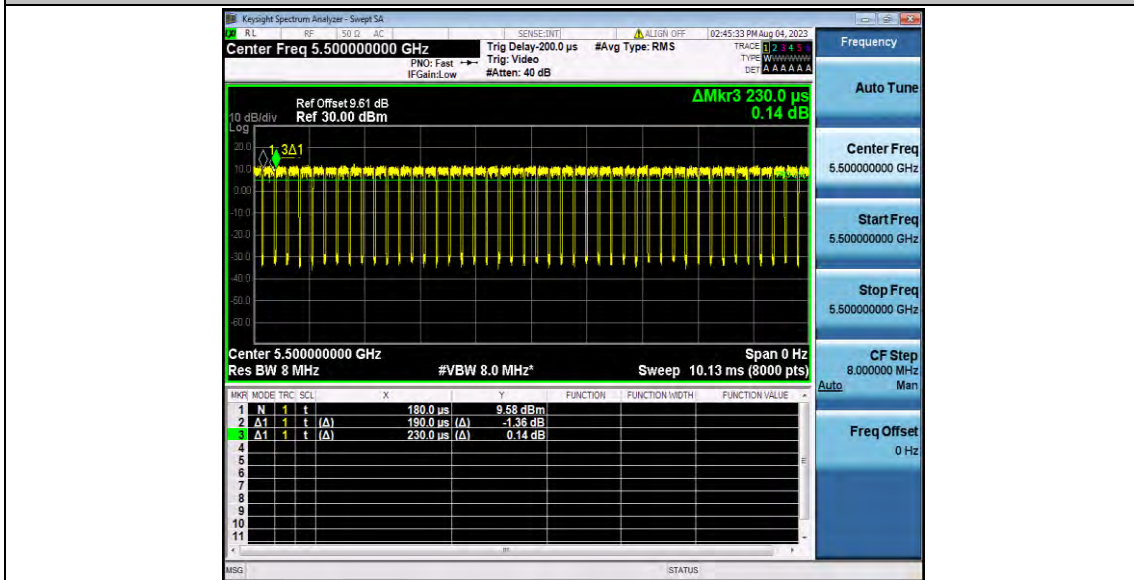
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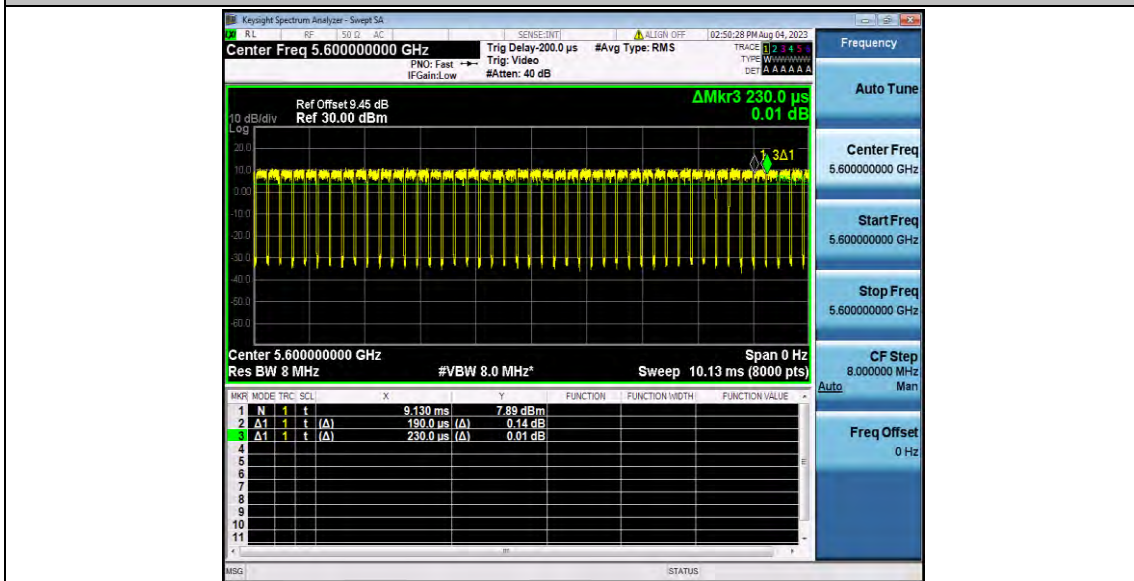
11A_Ant1_5600



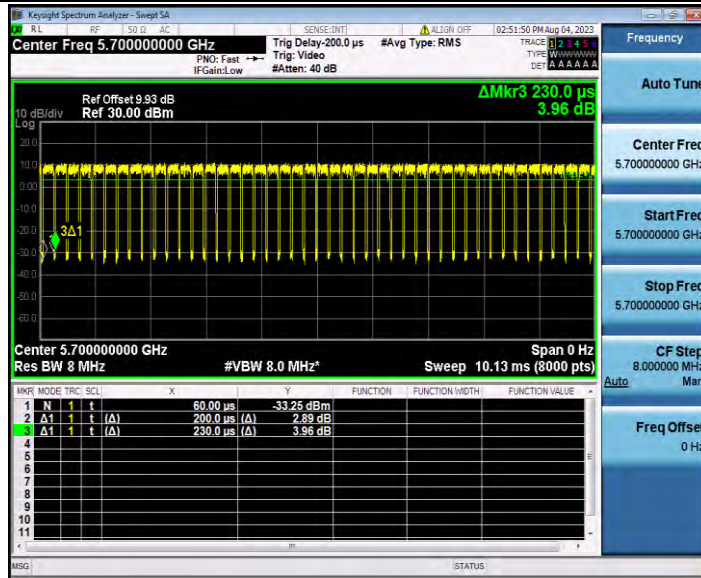
11A_Ant1_5700



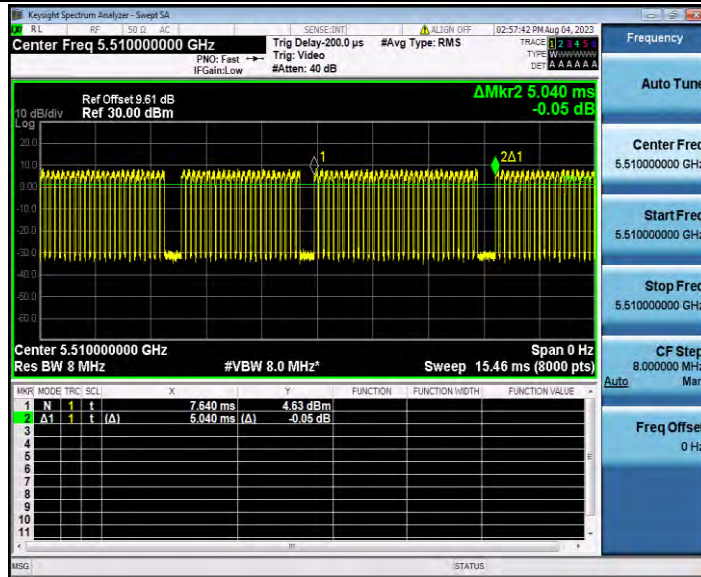
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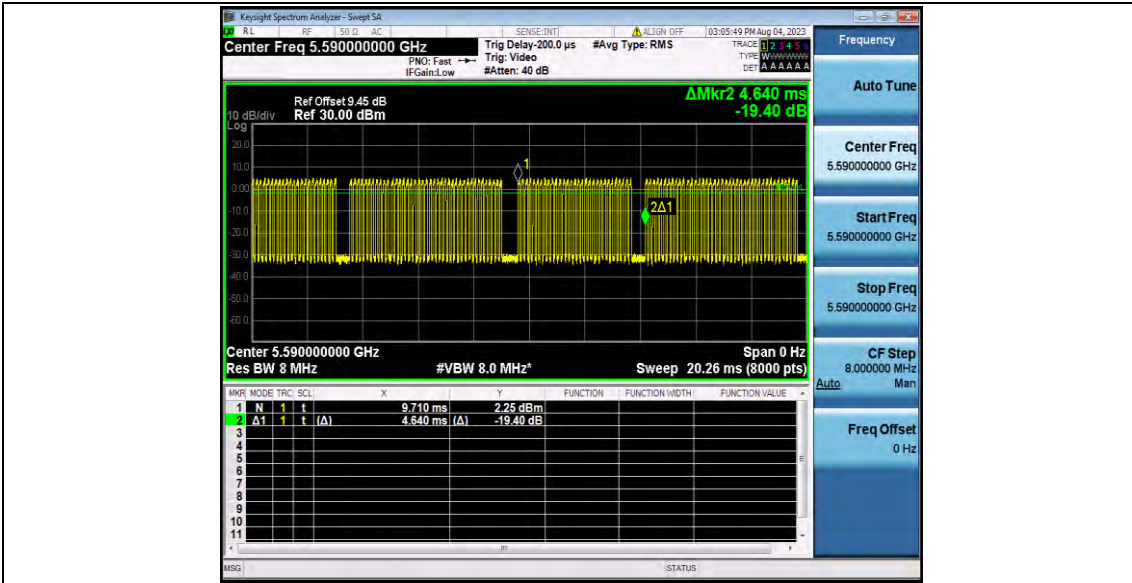
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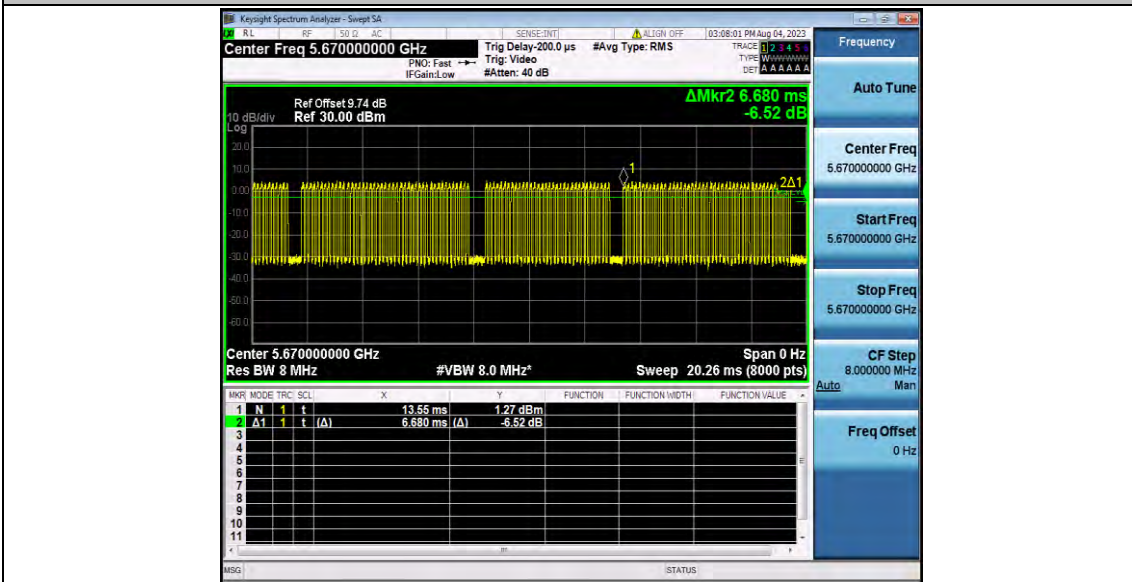
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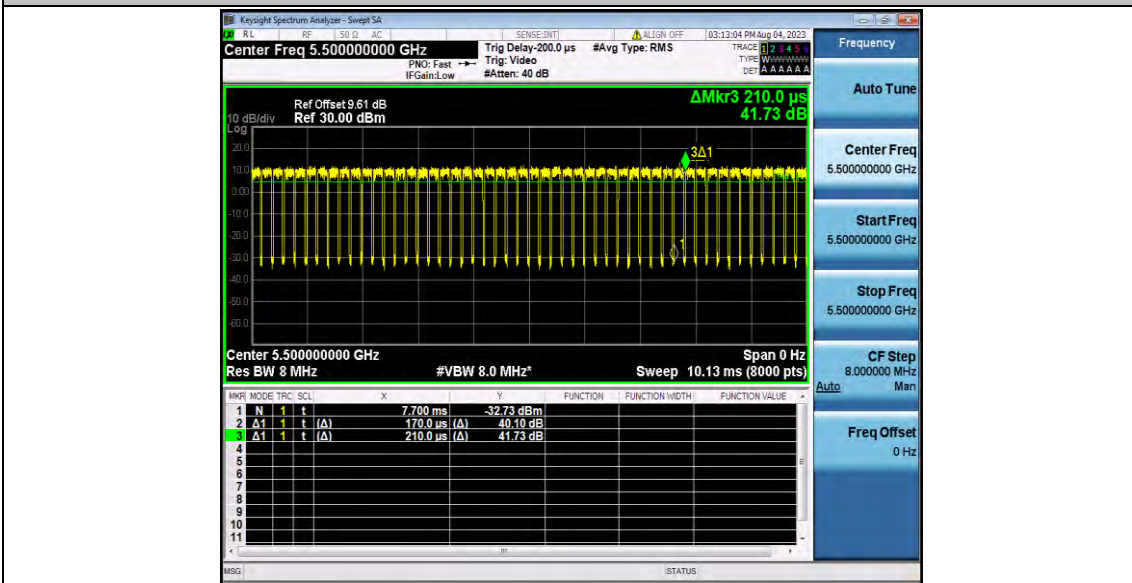
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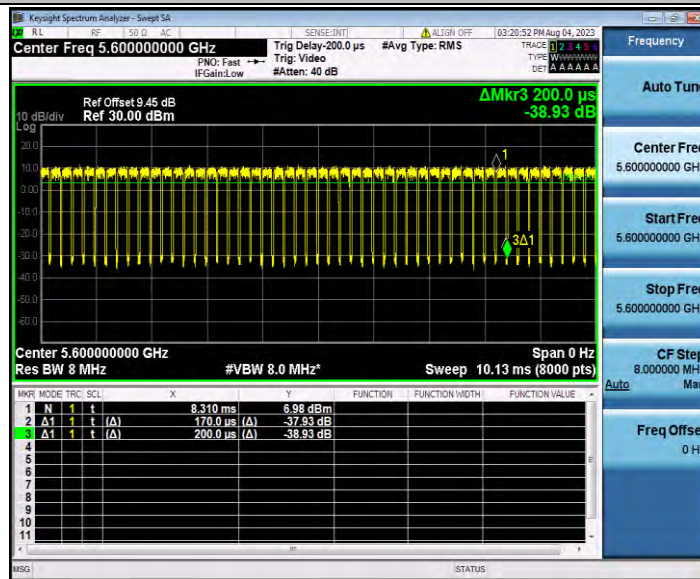
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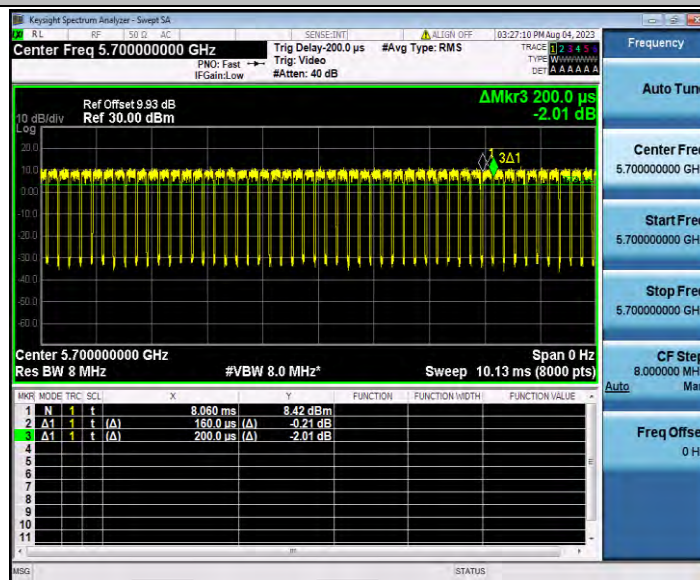
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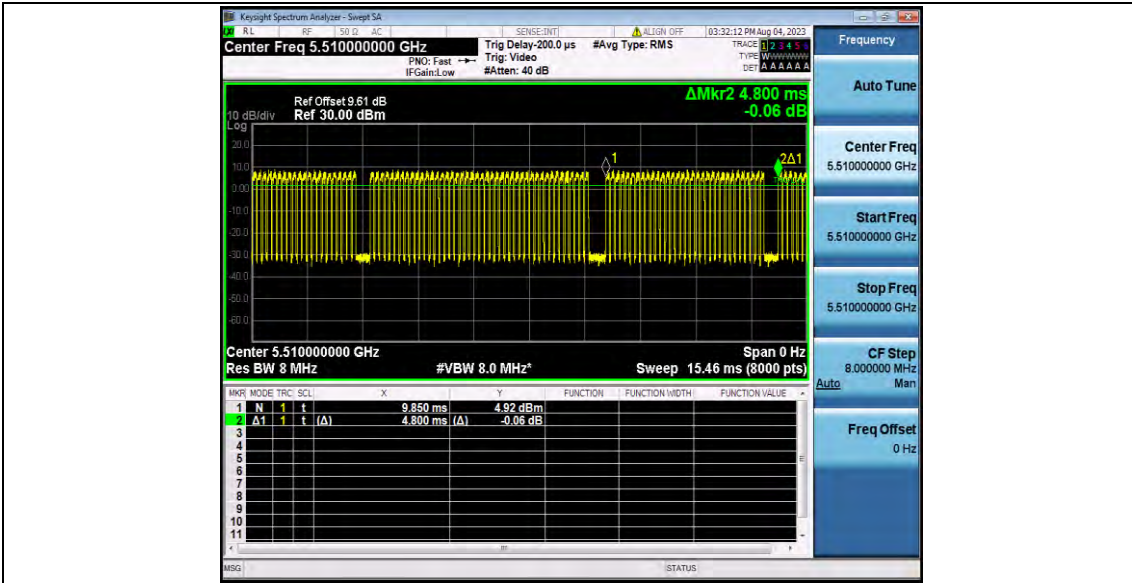
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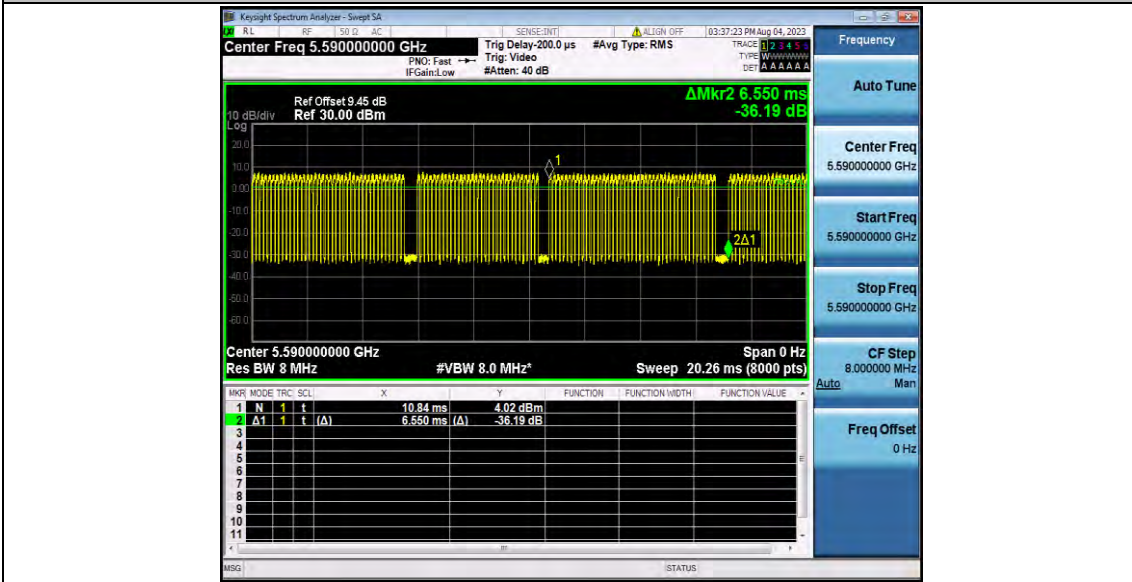
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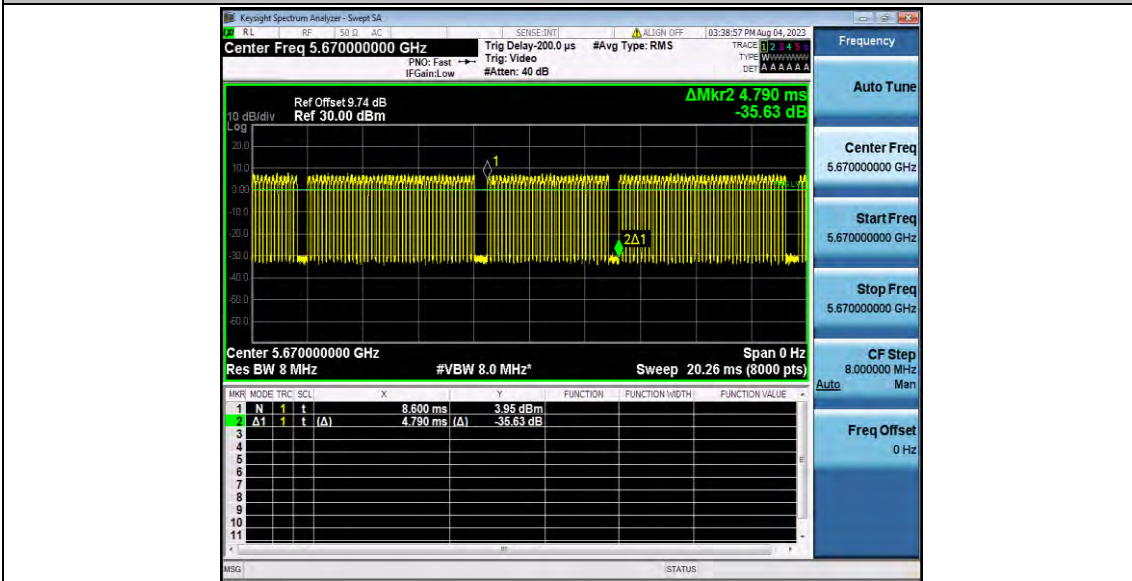
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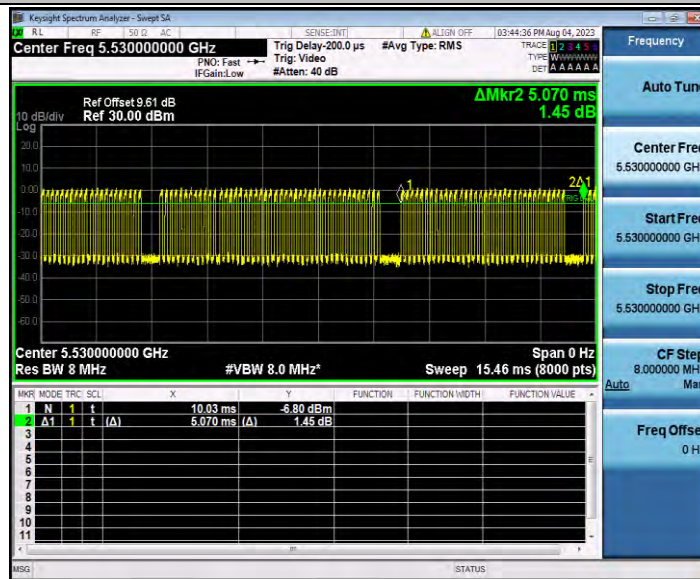
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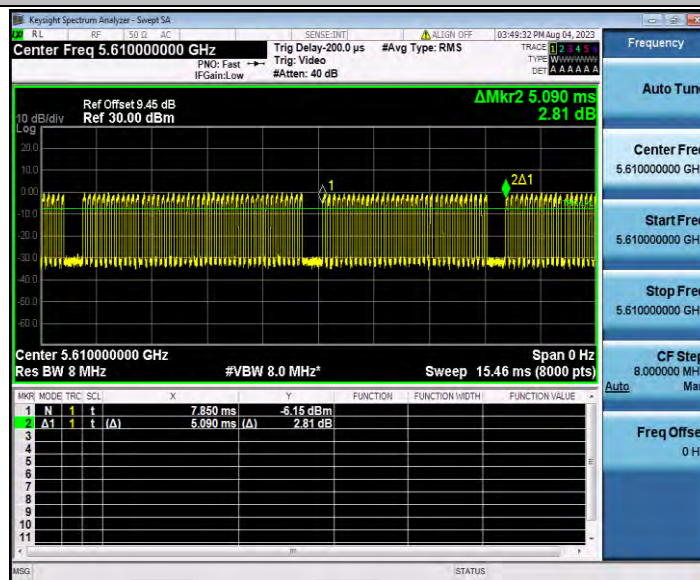
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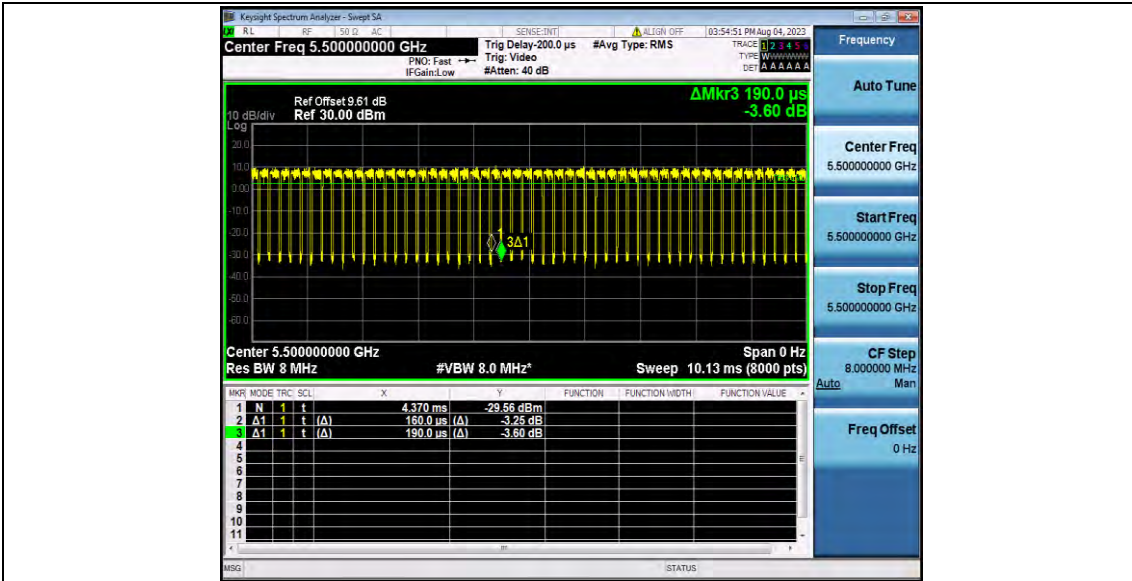
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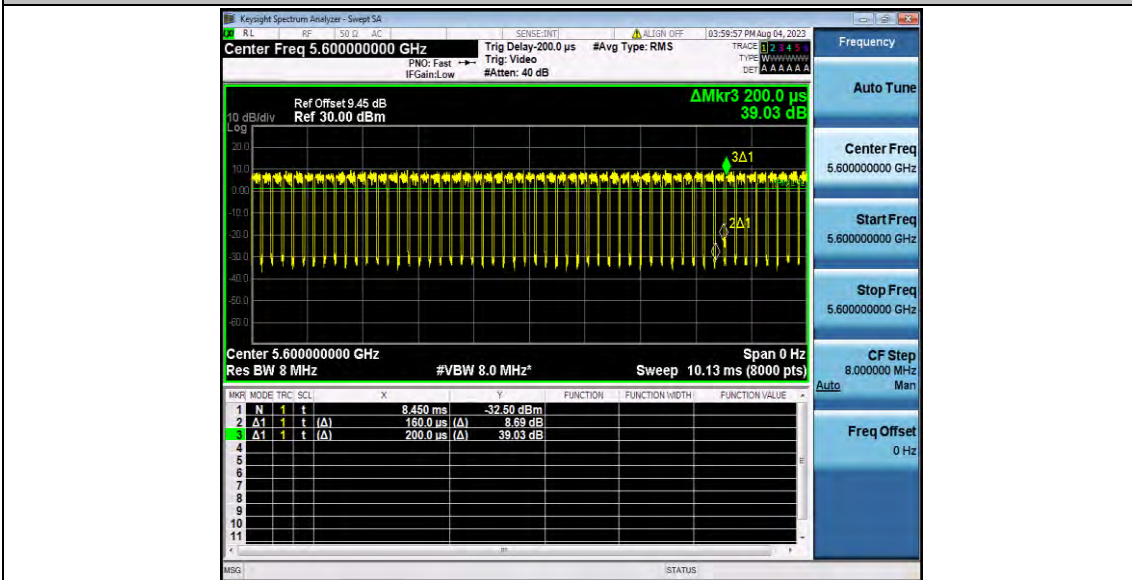
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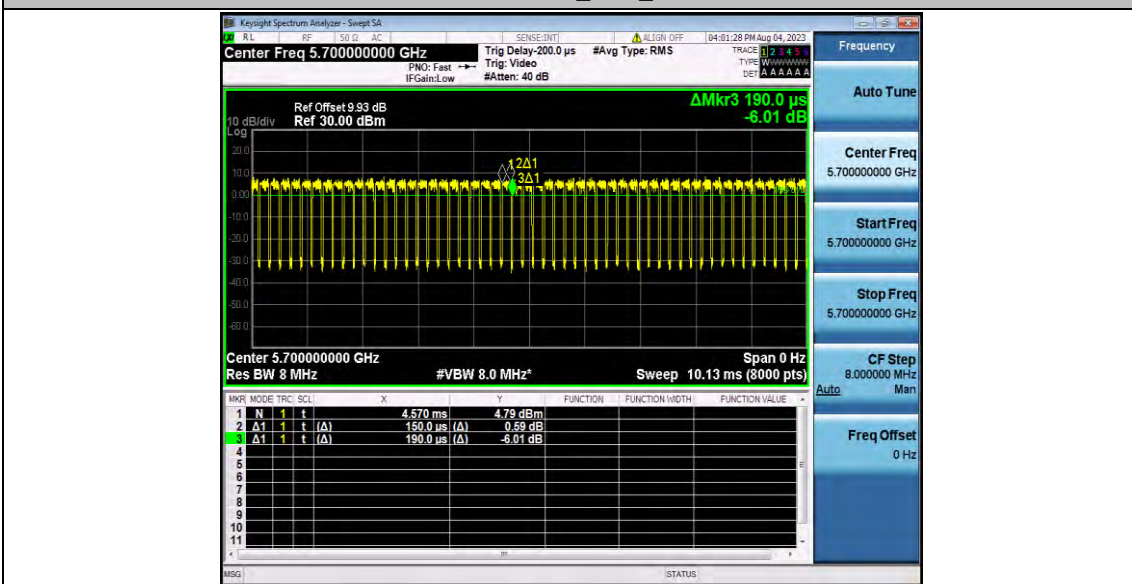
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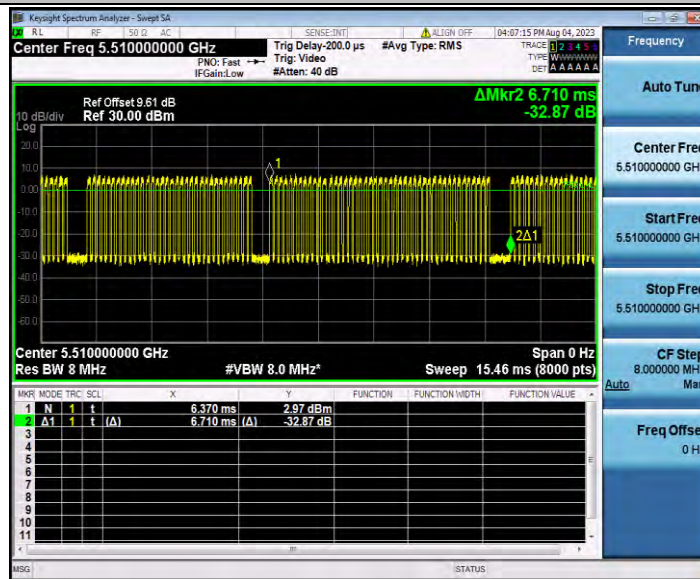
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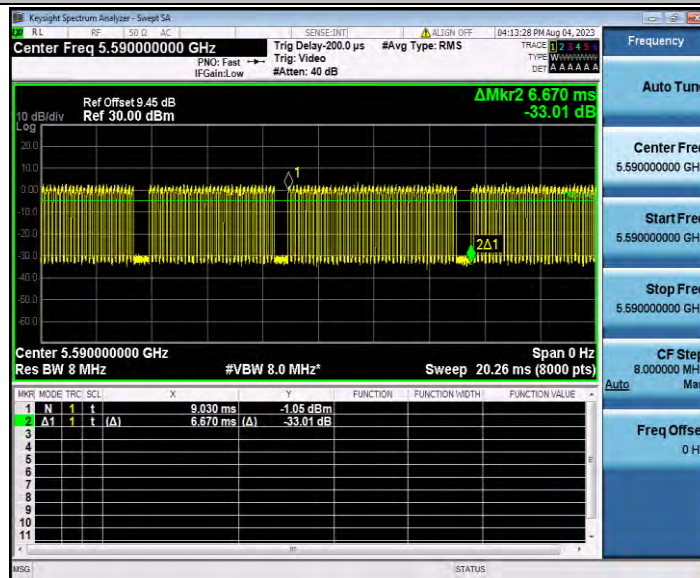
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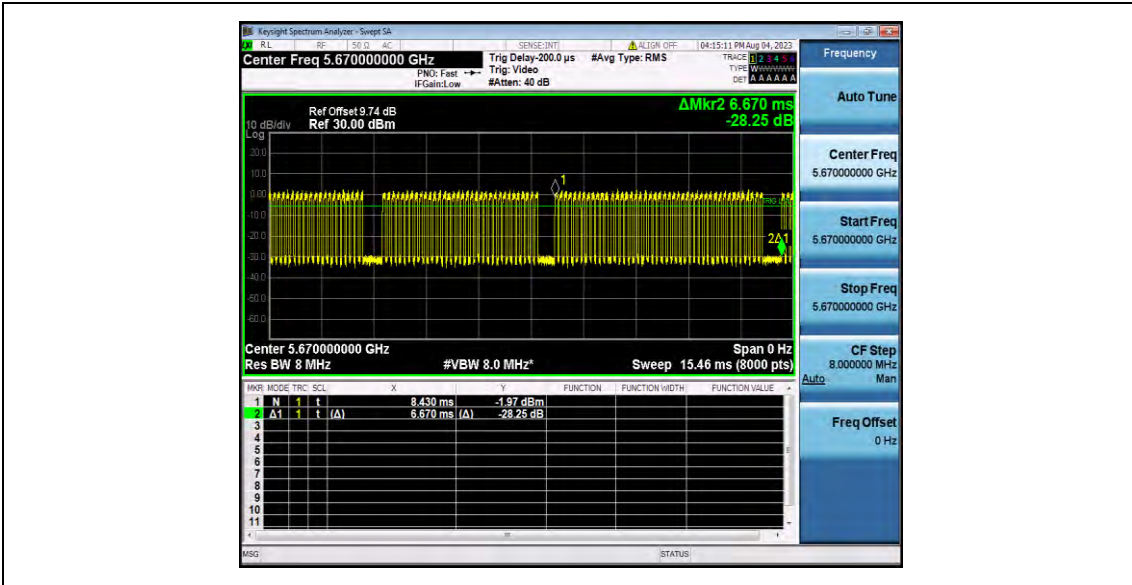
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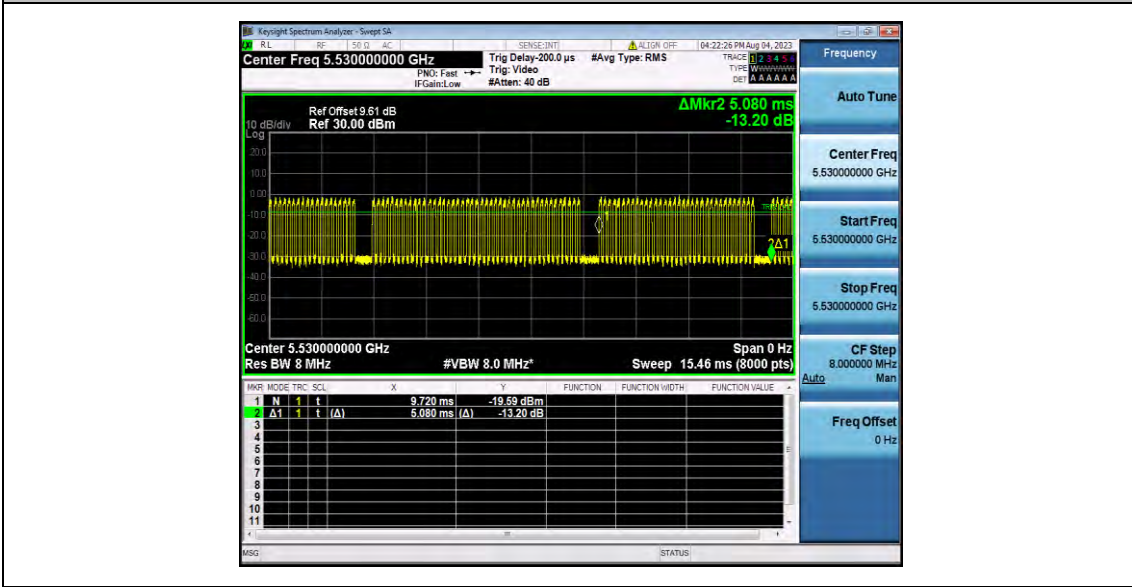
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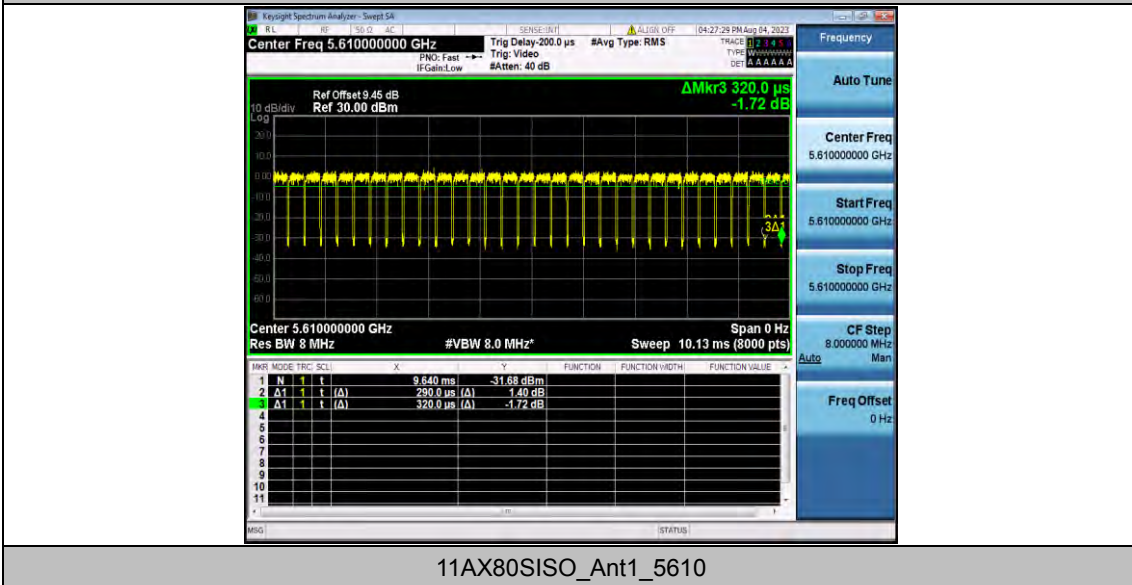
11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610