

Case No. : <u>GTS20230704026-1-23</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.7.29</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	22.200	5489.000	5511.200	---	---
		5600	22.040	5588.720	5610.760	---	---
		5700	23.200	5687.760	5710.960	---	---
11N20SISO	Ant0	5500	24.400	5488.200	5512.600	---	---
		5600	22.800	5588.120	5610.920	---	---
		5700	24.720	5687.600	5712.320	---	---
11N40SISO	Ant0	5510	40.480	5489.760	5530.240	---	---
		5590	40.560	5569.520	5610.080	---	---
		5670	40.160	5649.920	5690.080	---	---
11AC20SISO	Ant0	5500	33.640	5482.520	5516.160	---	---
		5600	26.920	5586.440	5613.360	---	---
		5700	25.360	5687.080	5712.440	---	---
11AC40SISO	Ant0	5510	39.520	5490.160	5529.680	---	---
		5590	39.280	5570.160	5609.440	---	---
		5670	39.920	5650.080	5690.000	---	---
11AC80SISO	Ant0	5530	80.160	5490.000	5570.160	---	---
		5610	80.000	5570.160	5650.160	---	---
11AX20SISO	Ant0	5500	38.120	5480.320	5518.440	---	---
		5600	25.200	5587.160	5612.360	---	---
		5700	23.920	5688.440	5712.360	---	---
11AX40SISO	Ant0	5510	58.240	5472.720	5530.960	---	---
		5590	39.600	5570.240	5609.840	---	---
		5670	39.520	5650.240	5689.760	---	---
11AX80SISO	Ant0	5530	80.480	5489.840	5570.320	---	---
		5610	80.320	5570.000	5650.320	---	---

Test Graphs



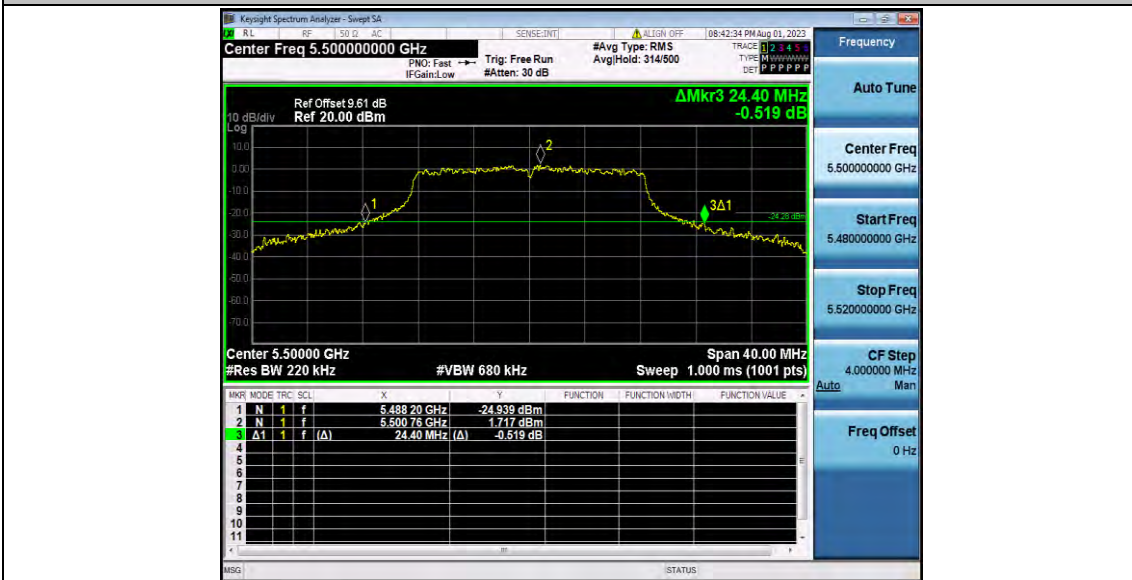
11A_Ant0_5500



11A_Ant0_5600



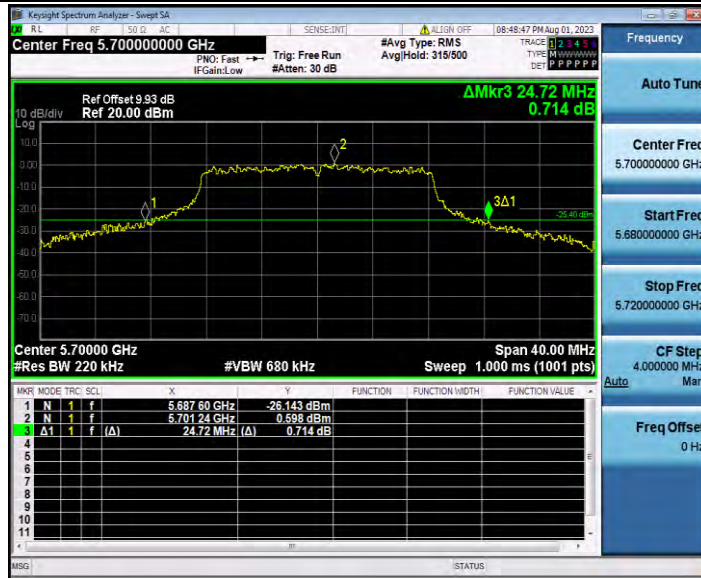
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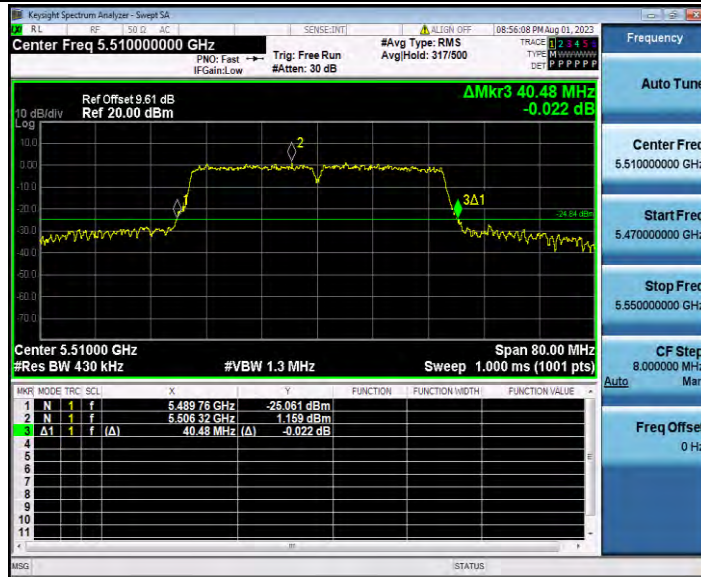
11N20SISO_Ant0_5500



11N20SISO_Ant0_5600



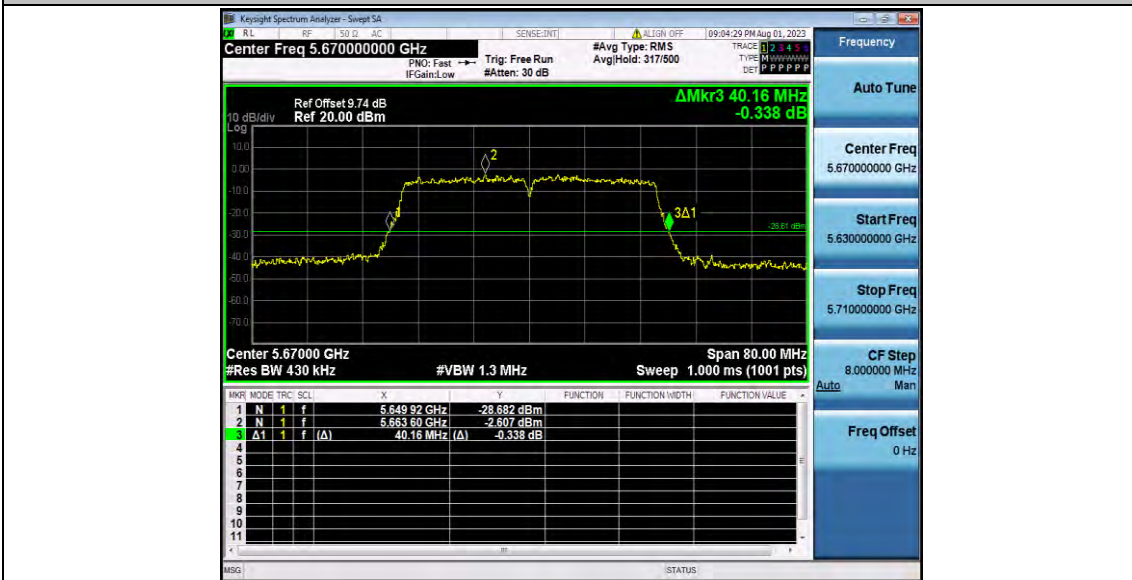
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11N40SISO_Ant0_5510



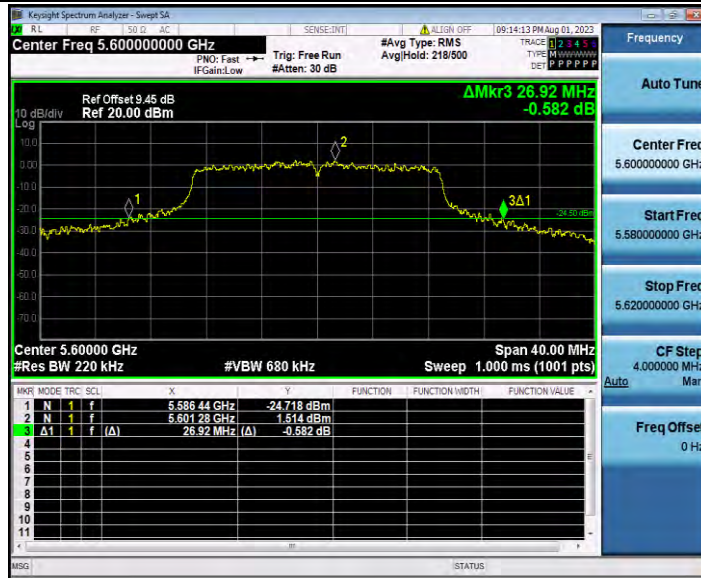
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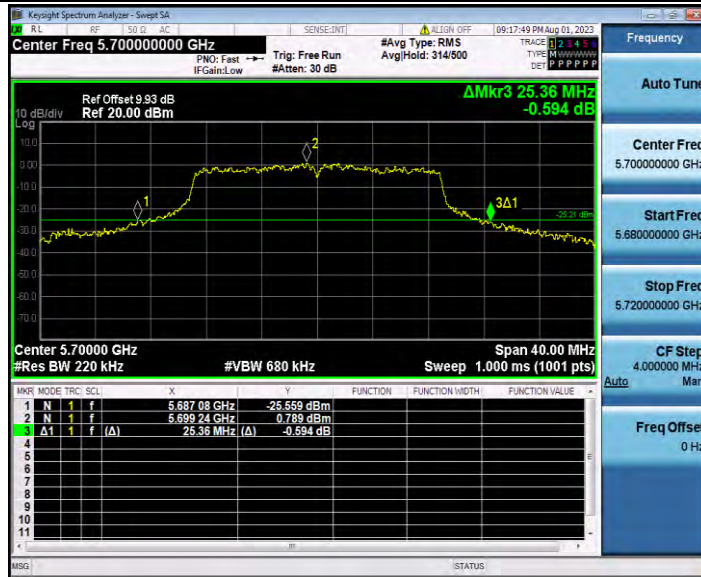
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11AC20SISO_Ant0_5500



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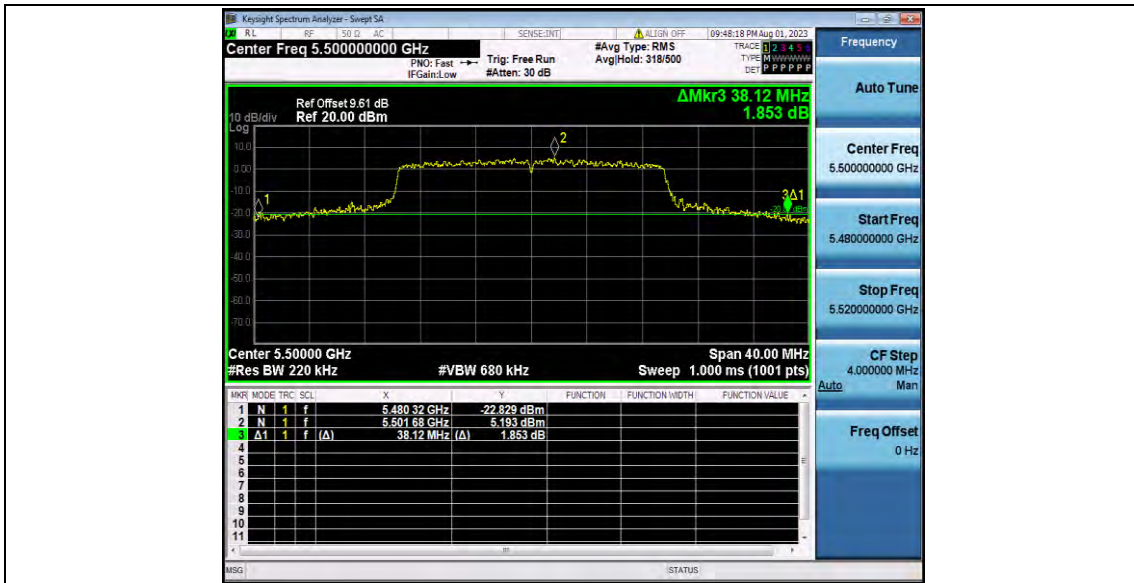
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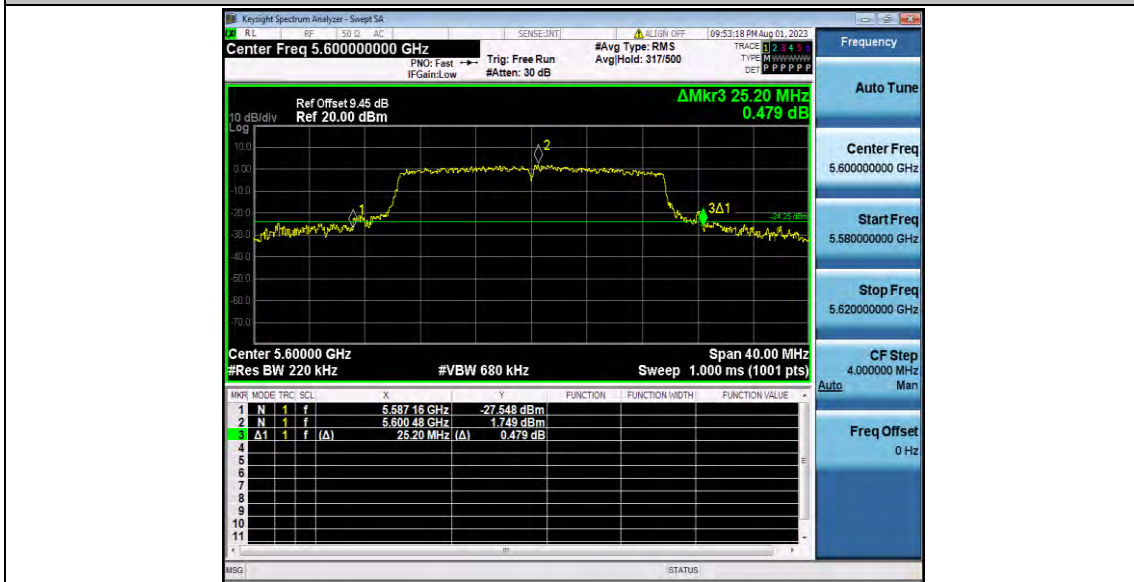
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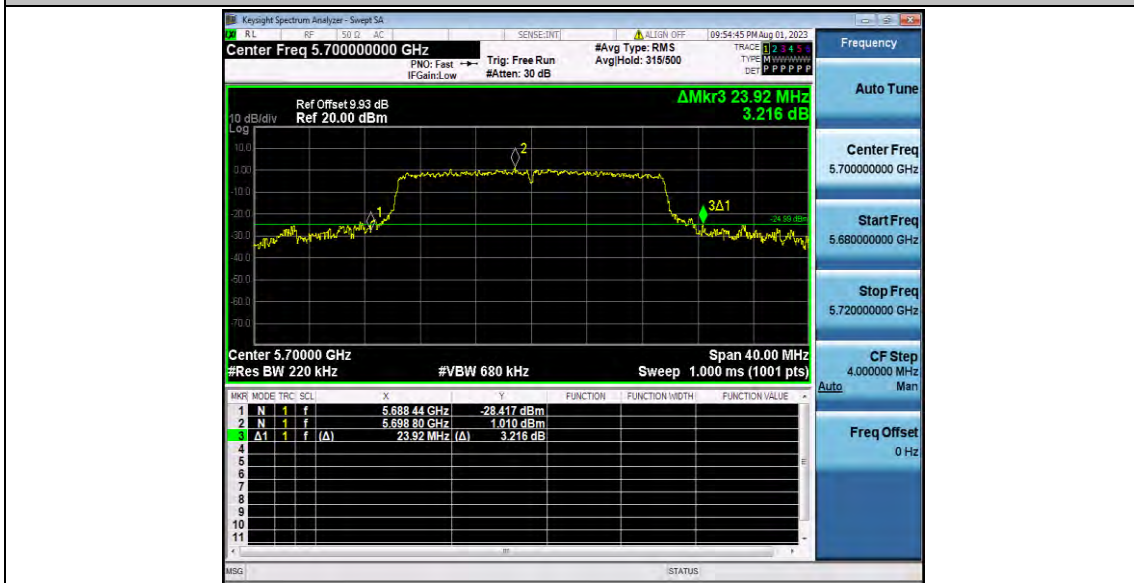
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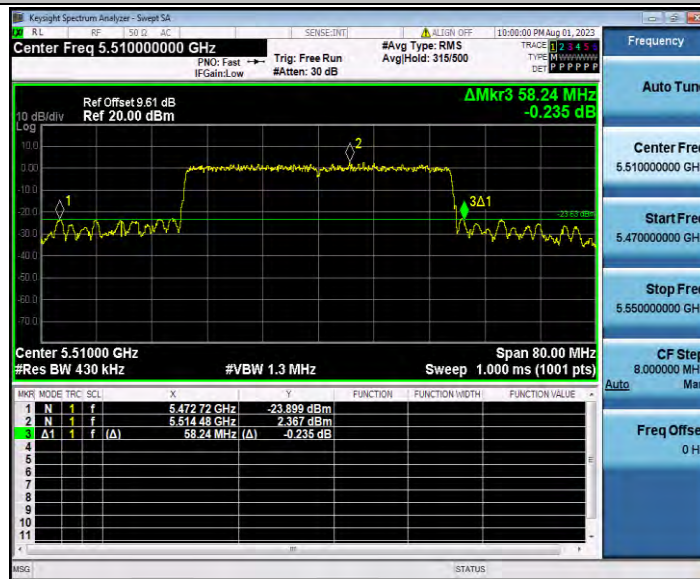
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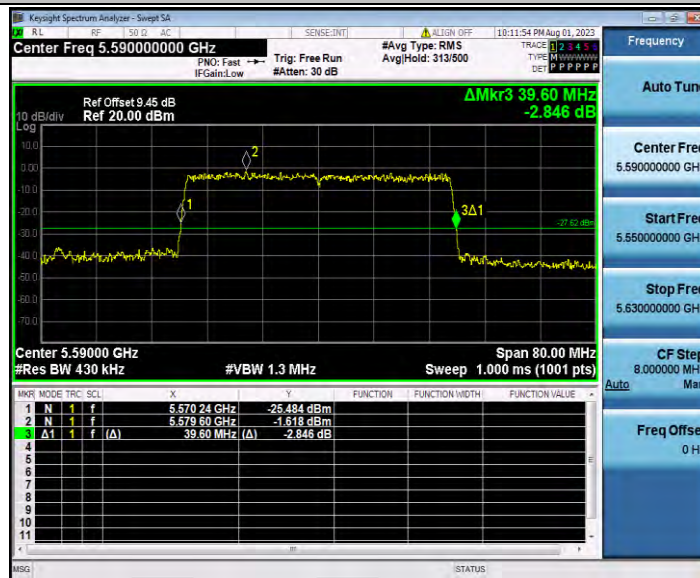
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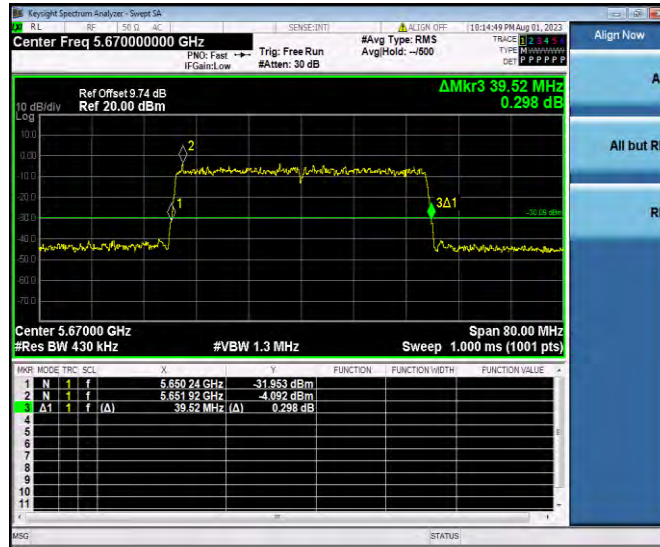
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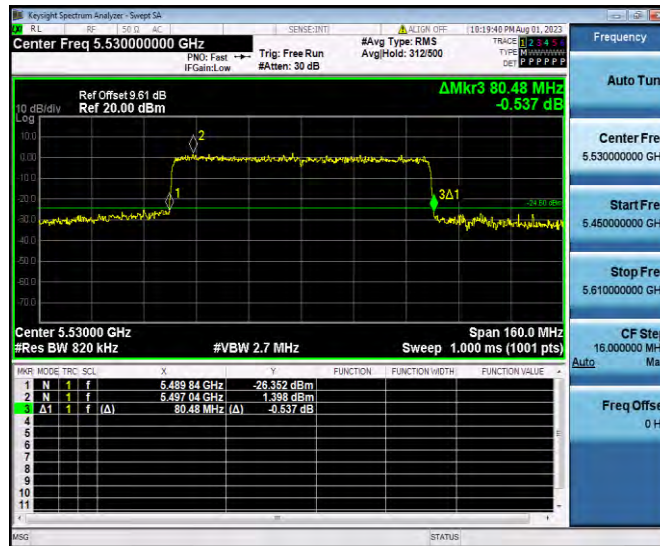
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11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



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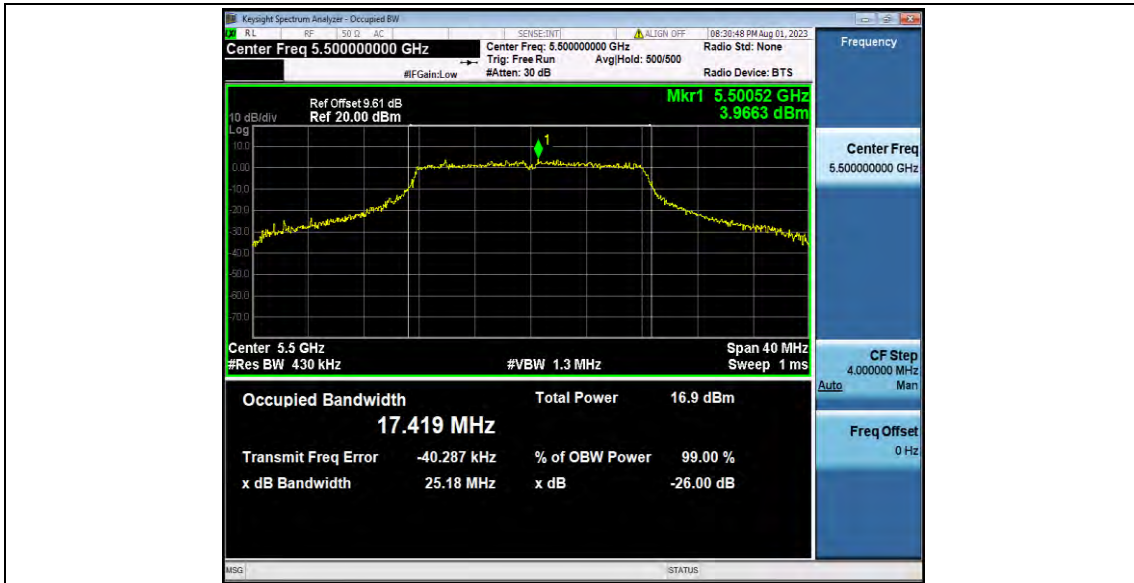
11AX80SISO_Ant0_5610

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	17.419	5491.250	5508.669	---	---
		5600	17.415	5591.170	5608.585	---	---
		5700	17.456	5691.151	5708.607	---	---
11N20SISO	Ant0	5500	17.530	5491.141	5508.671	---	---
		5600	17.520	5591.081	5608.601	---	---
		5700	17.658	5691.031	5708.689	---	---
11N40SISO	Ant0	5510	36.498	5491.756	5528.254	---	---
		5590	36.306	5571.845	5608.151	---	---
		5670	36.367	5651.830	5688.197	---	---
11AC20SISO	Ant0	5500	19.816	5489.890	5509.706	---	---
		5600	18.378	5590.718	5609.096	---	---
		5700	18.317	5690.778	5709.095	---	---
11AC40SISO	Ant0	5510	36.223	5491.891	5528.114	---	---
		5590	35.931	5572.003	5607.934	---	---
		5670	35.872	5652.073	5687.945	---	---
11AC80SISO	Ant0	5530	75.663	5492.156	5567.819	---	---
		5610	75.541	5572.194	5647.735	---	---
11AX20SISO	Ant0	5500	19.931	5489.974	5509.905	---	---
		5600	19.288	5590.328	5609.616	---	---
		5700	19.351	5690.307	5709.658	---	---
11AX40SISO	Ant0	5510	38.152	5490.924	5529.076	---	---
		5590	37.928	5571.030	5608.958	---	---
		5670	37.925	5651.057	5688.982	---	---
11AX80SISO	Ant0	5530	77.917	5490.962	5568.879	---	---
		5610	77.801	5571.057	5648.858	---	---

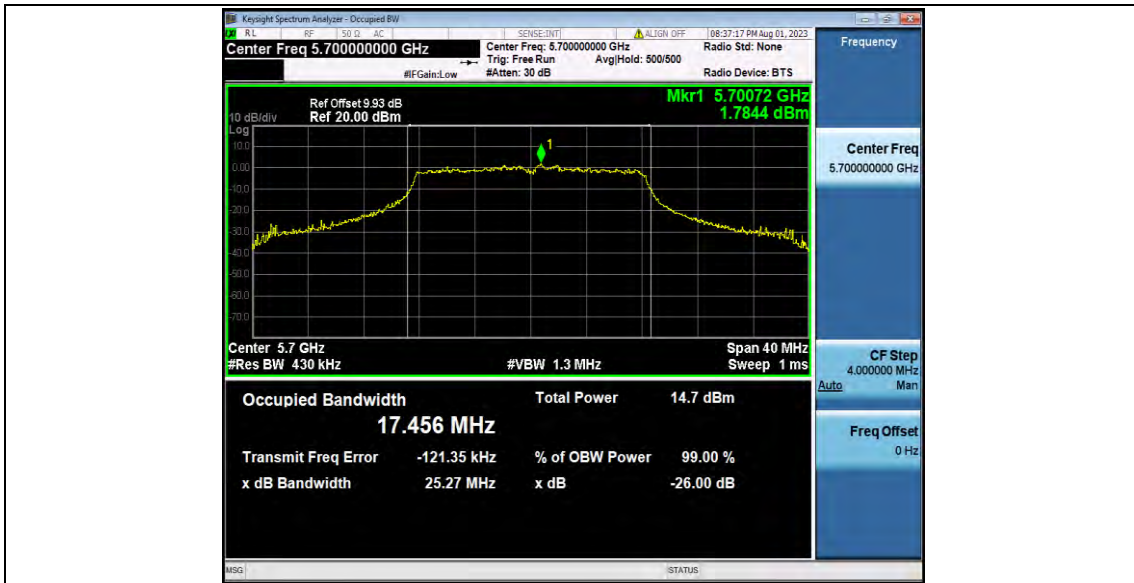
Test Graphs



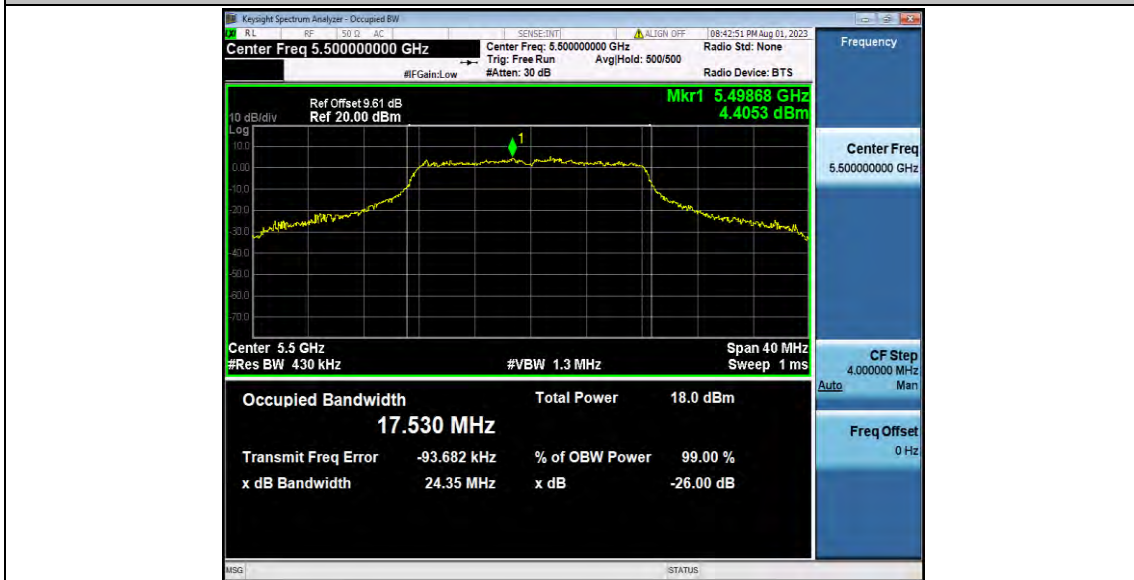
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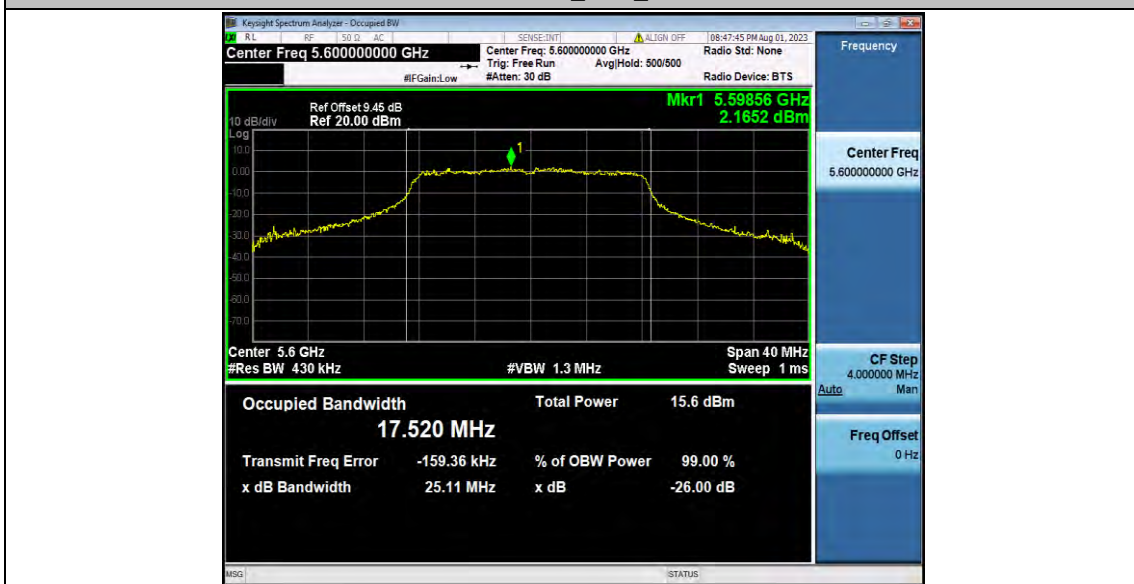
11A_Ant0_5600



11A_Ant0_5700



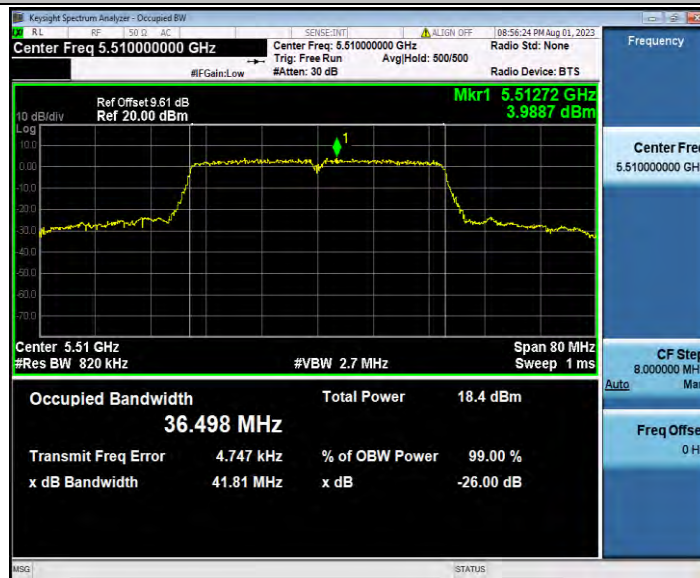
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11N20SISO_Ant0_5600



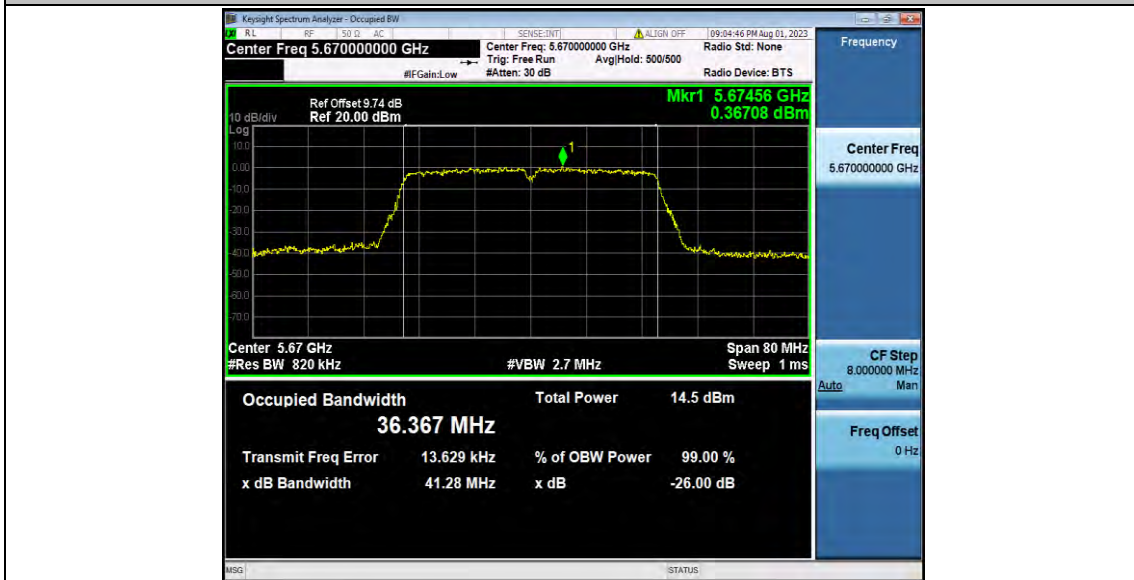
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11N40SISO_Ant0_5510



11N40SISO_Ant0_5590



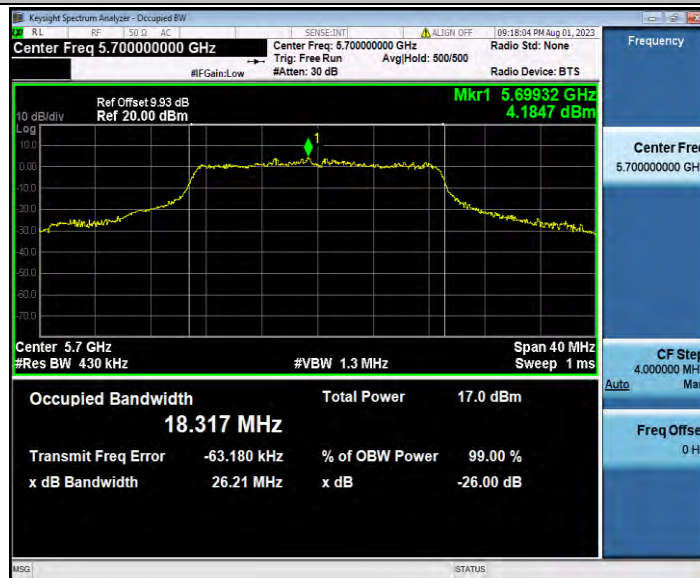
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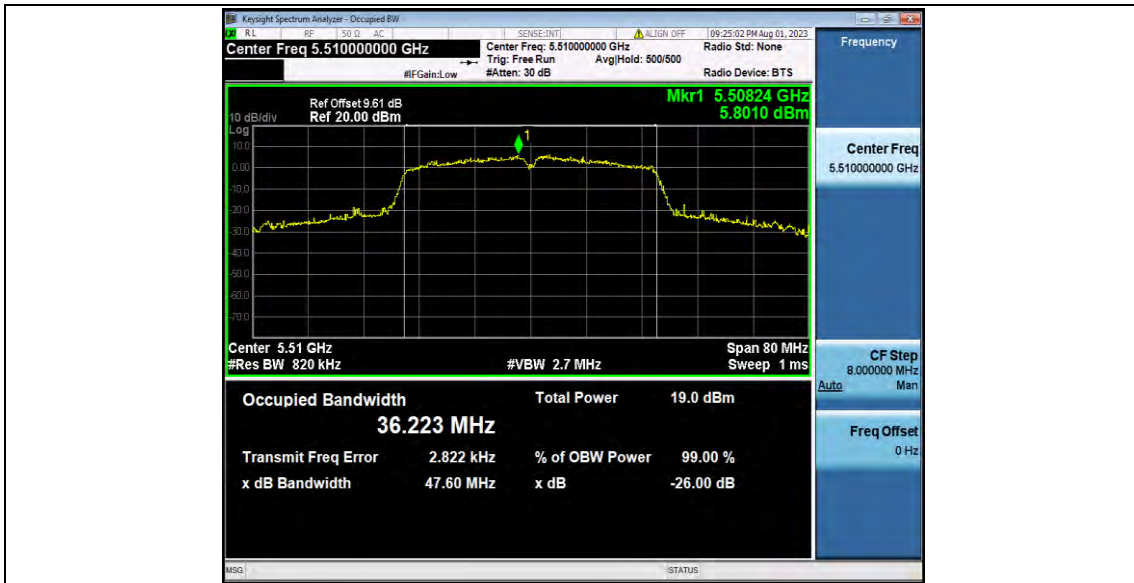
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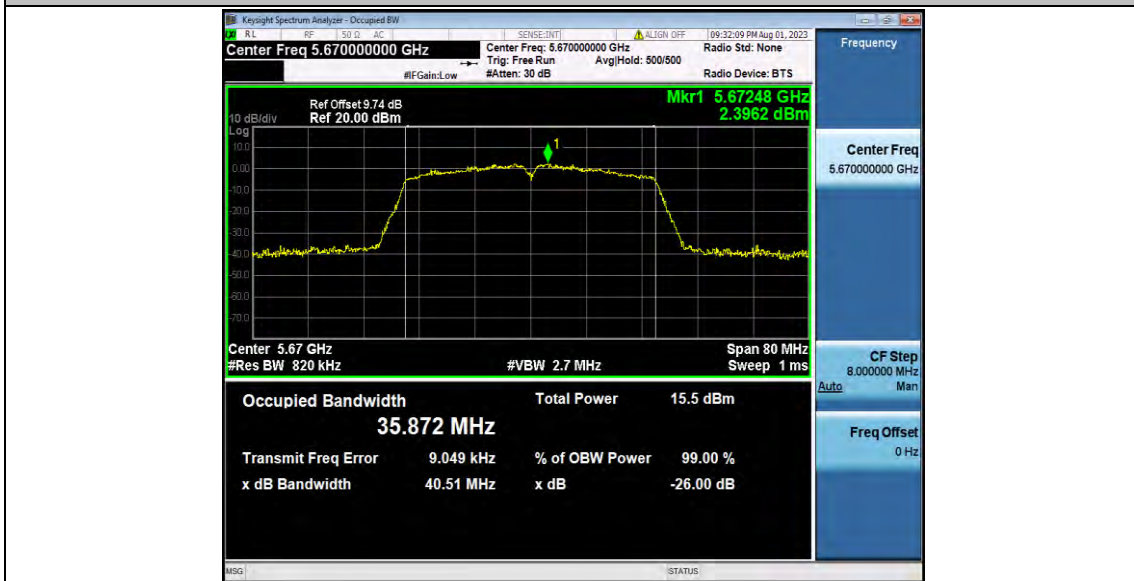
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11AC40SISO_Ant0_5510



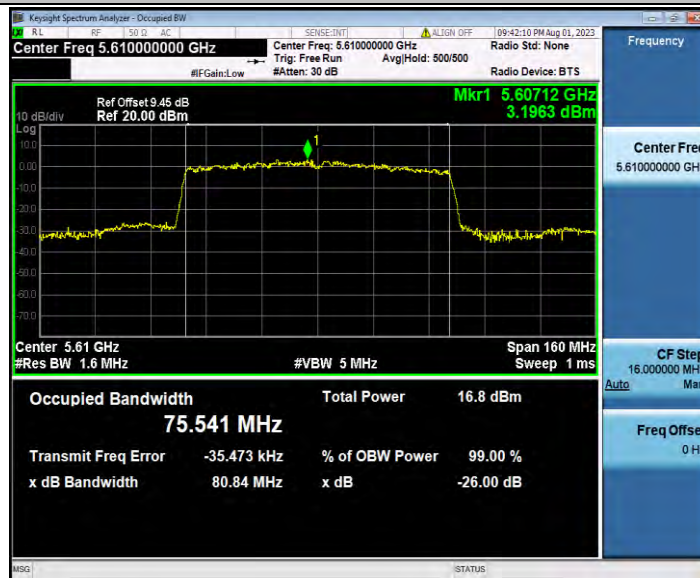
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11AC40SISO_Ant0_5670



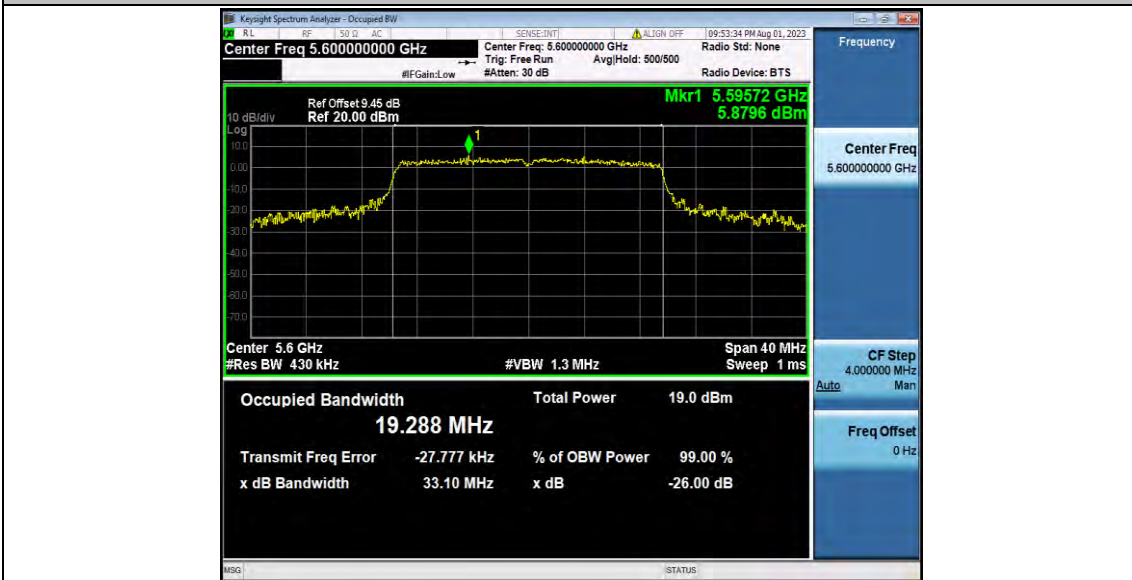
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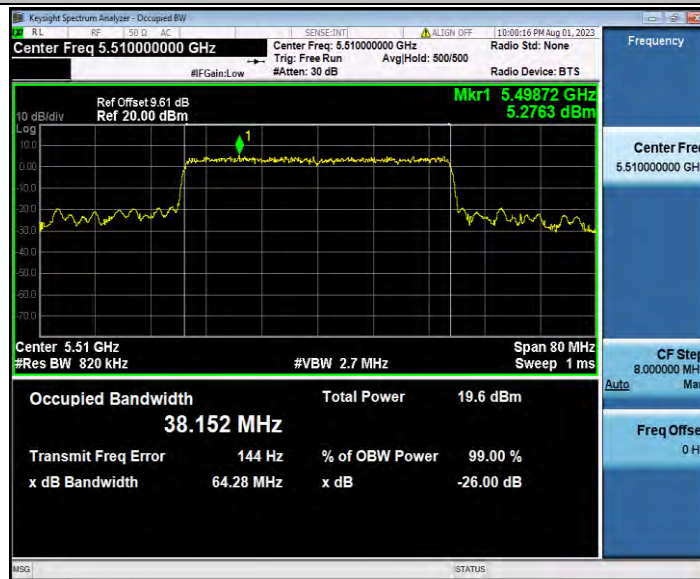
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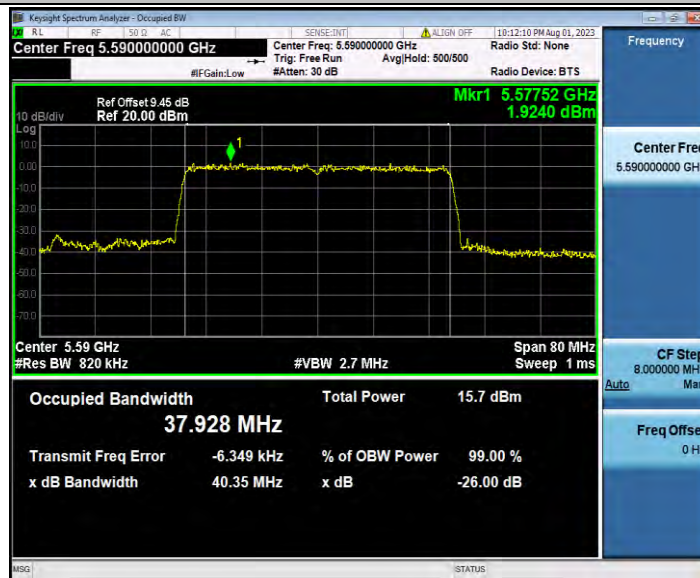
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11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



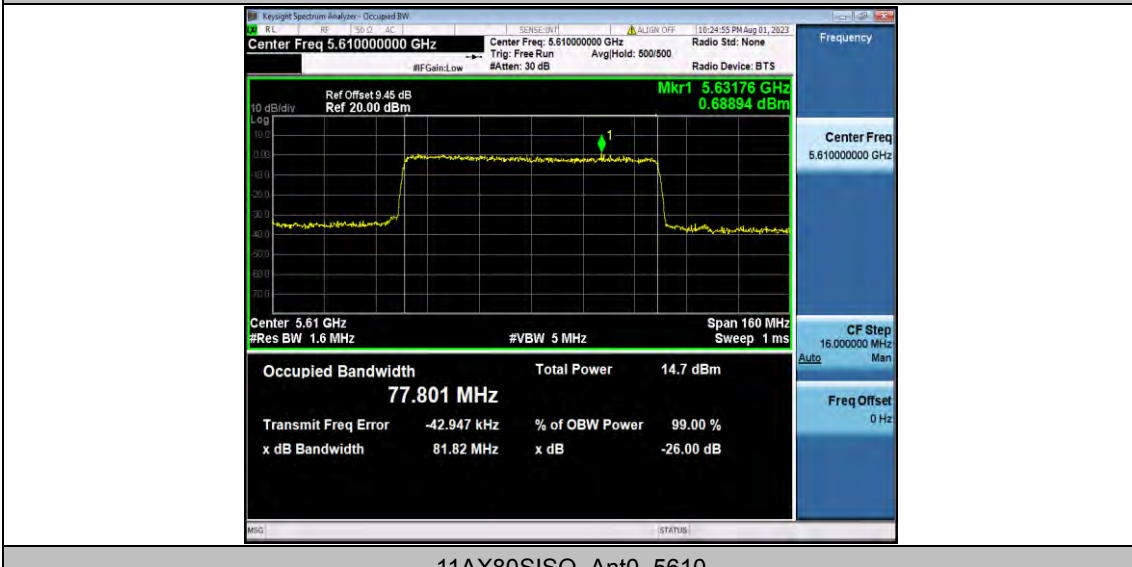
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11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



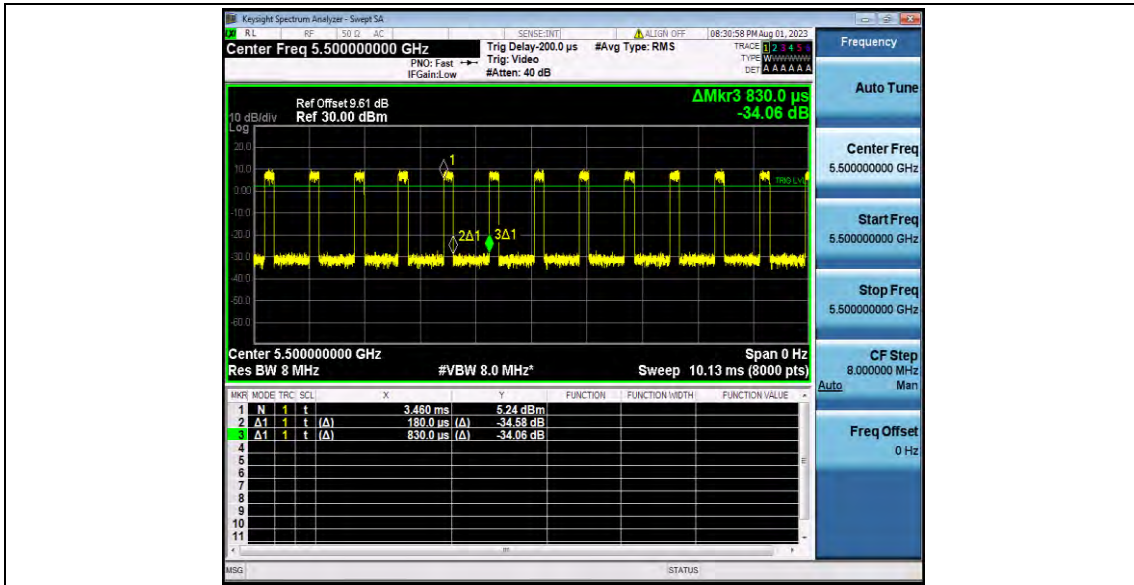
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Appendix F.3: Duty Cycle

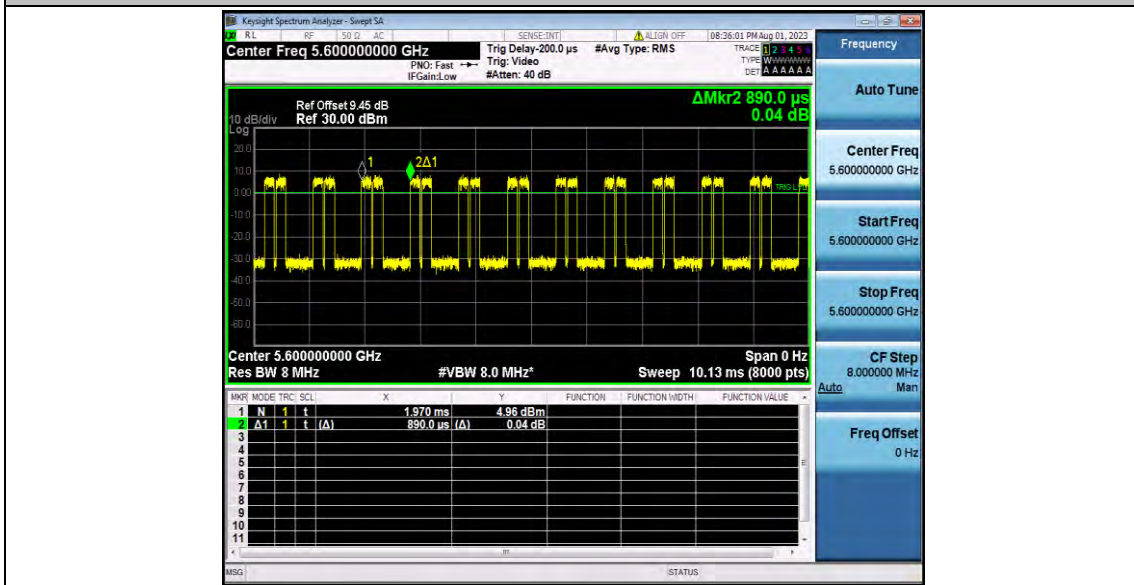
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant0	5500	0.18	0.83	21.69
		5600	0.35	0.89	39.33
		5700	0.88	1.30	67.69
11N20SISO	Ant0	5500	0.19	0.24	79.17
		5600	0.19	0.22	86.36
		5700	0.19	0.23	82.61
11N40SISO	Ant0	5510	1.52	3.02	50.33
		5590	2.32	4.52	51.33
		5670	2.00	3.85	51.95
11AC20SISO	Ant0	5500	0.16	0.20	80.00
		5600	0.16	0.20	80.00
		5700	0.17	0.21	80.95
11AC40SISO	Ant0	5510	3.33	4.79	69.52
		5590	3.32	4.79	69.31
		5670	3.33	4.80	69.38
11AC80SISO	Ant0	5530	3.24	6.70	48.36
		5610	2.44	5.07	48.13
11AX20SISO	Ant0	5500	0.15	0.19	78.95
		5600	0.16	0.19	84.21
		5700	0.15	0.19	78.95
11AX40SISO	Ant0	5510	2.88	5.07	56.80
		5590	3.80	6.70	56.72
		5670	3.82	6.71	56.93
11AX80SISO	Ant0	5530	2.56	5.07	50.49
		5610	2.55	5.07	50.30

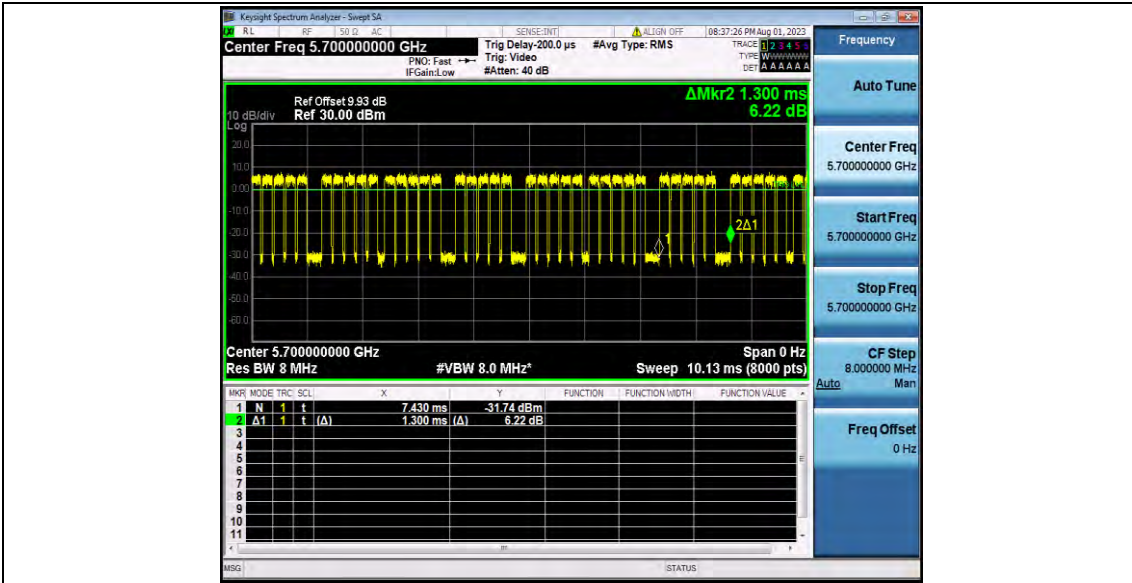
Test Graphs



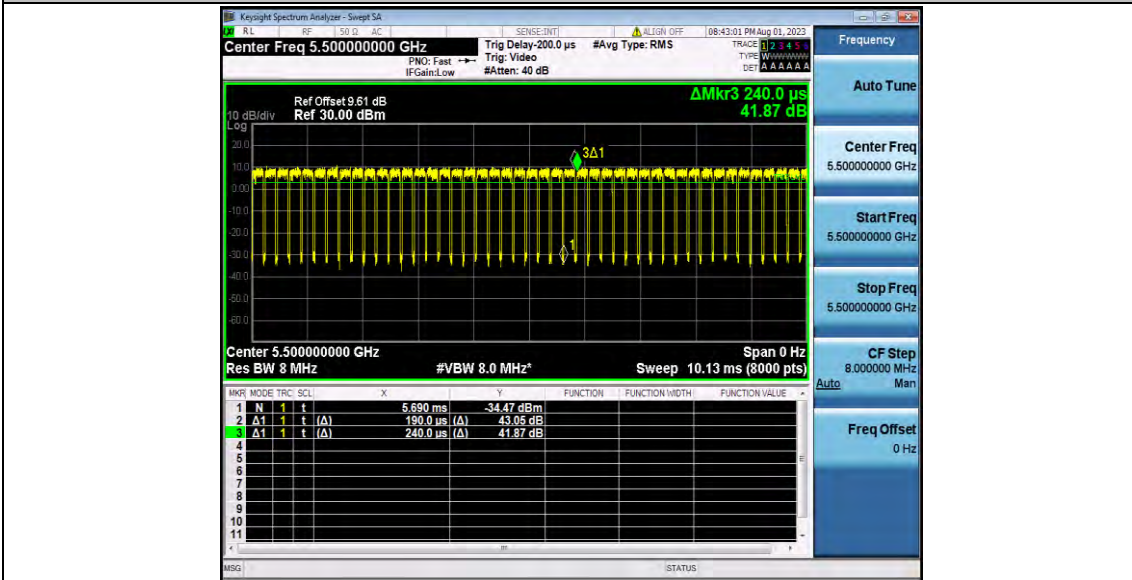
11A_Ant0_5500



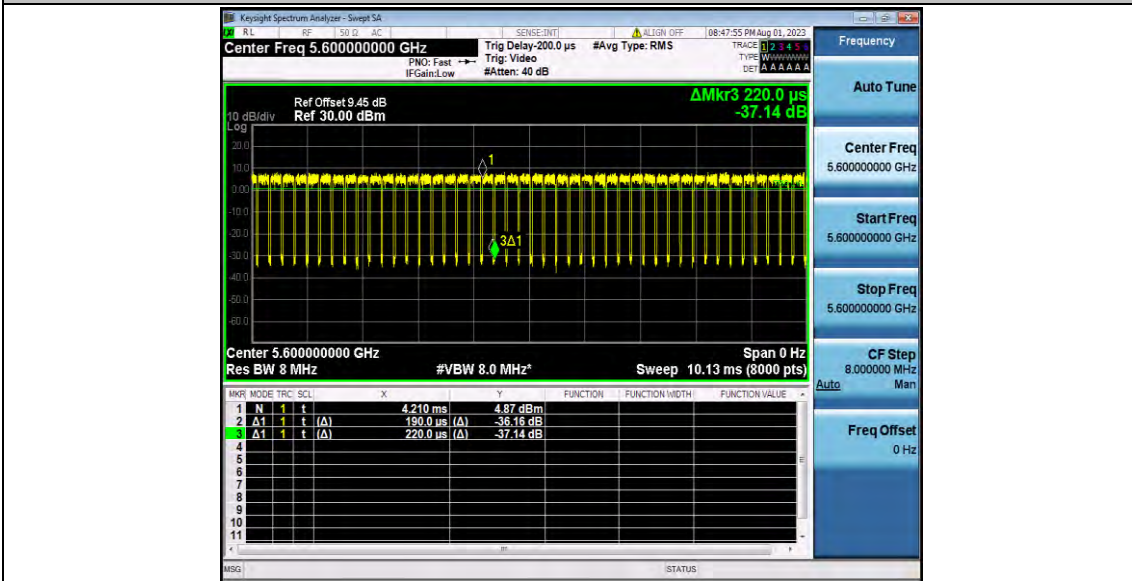
11A_Ant0_5600



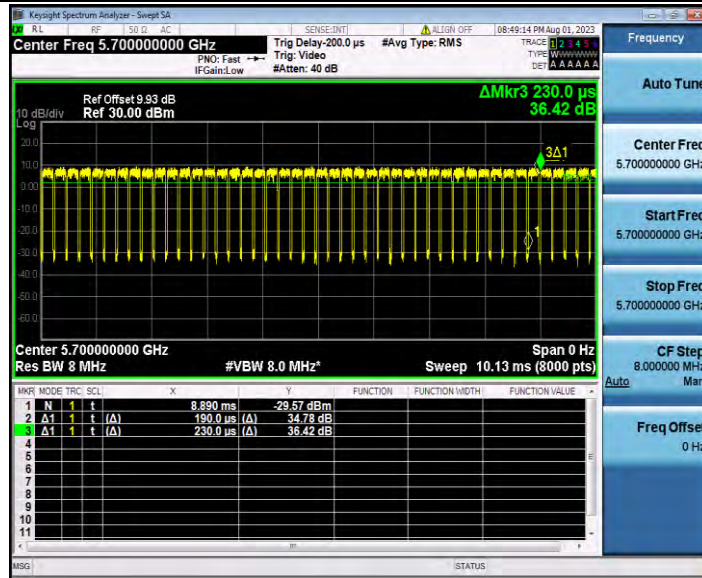
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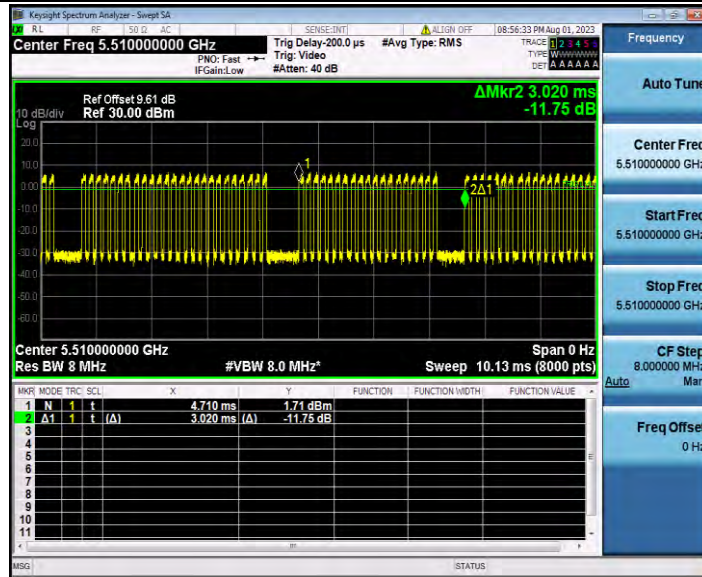
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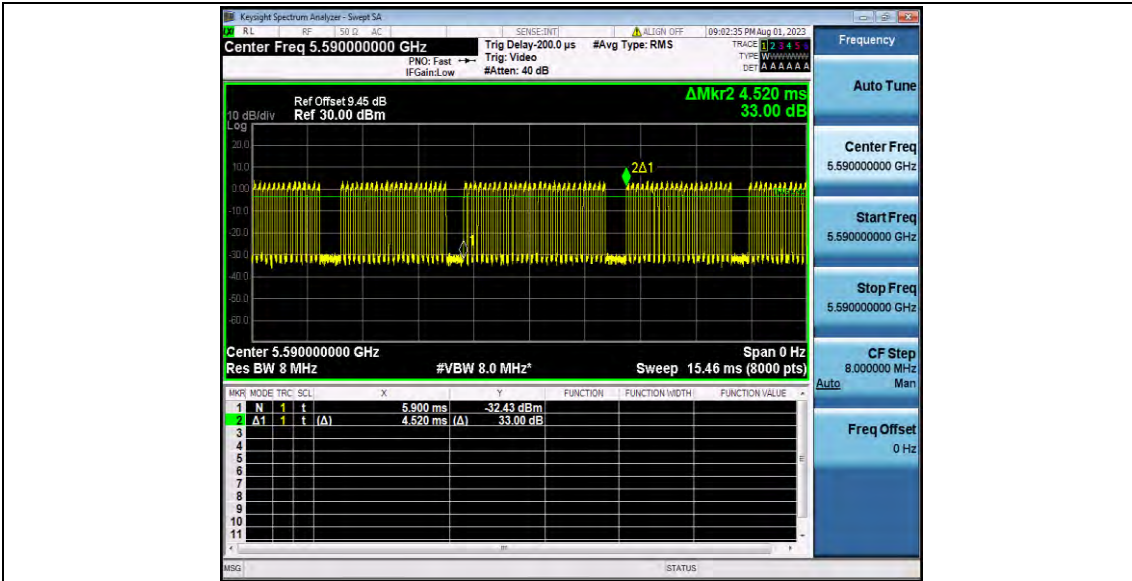
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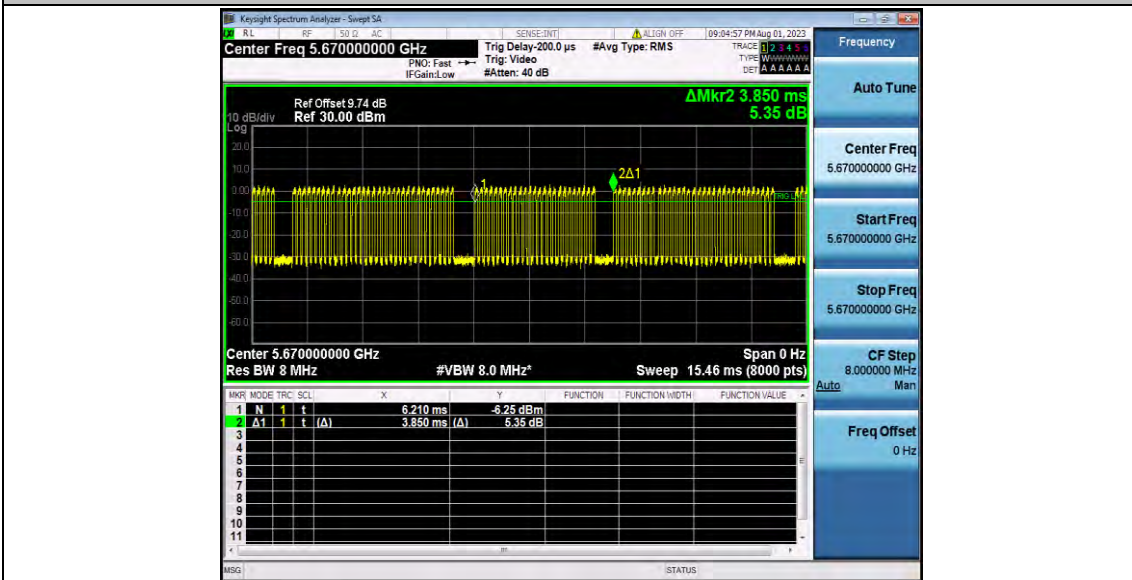
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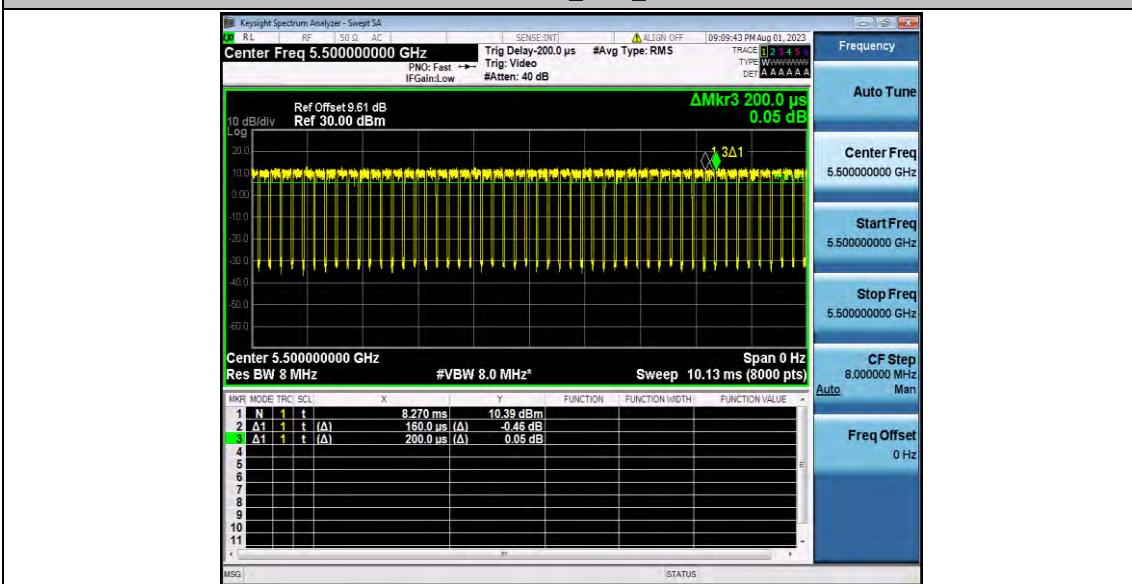
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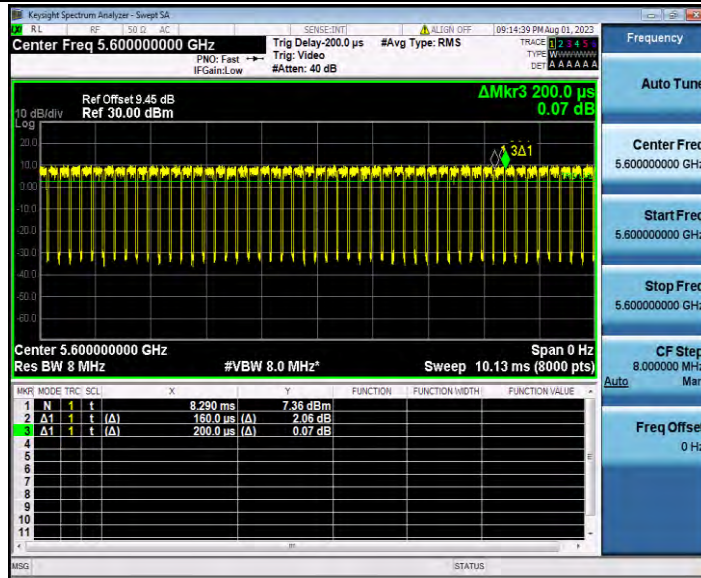
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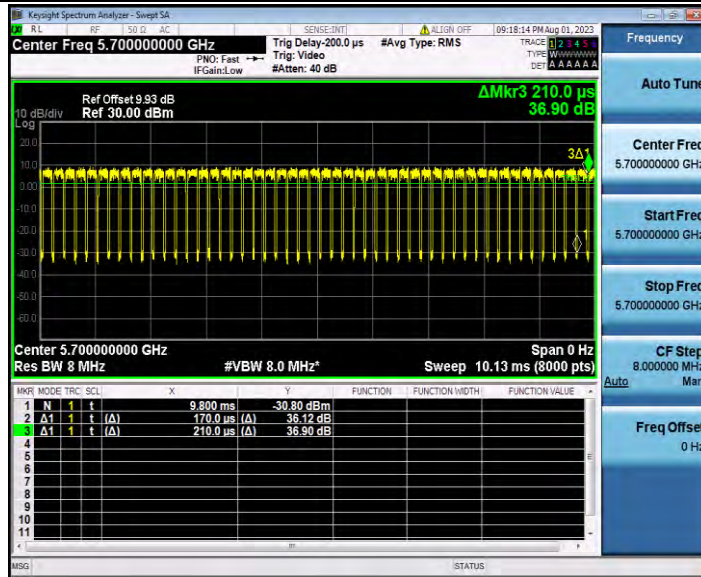
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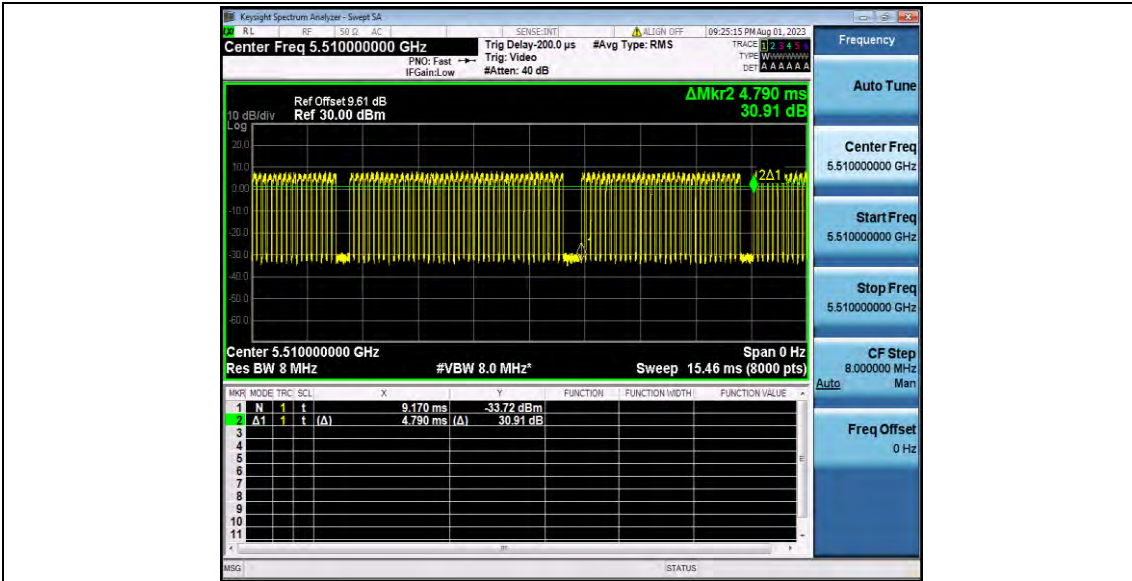
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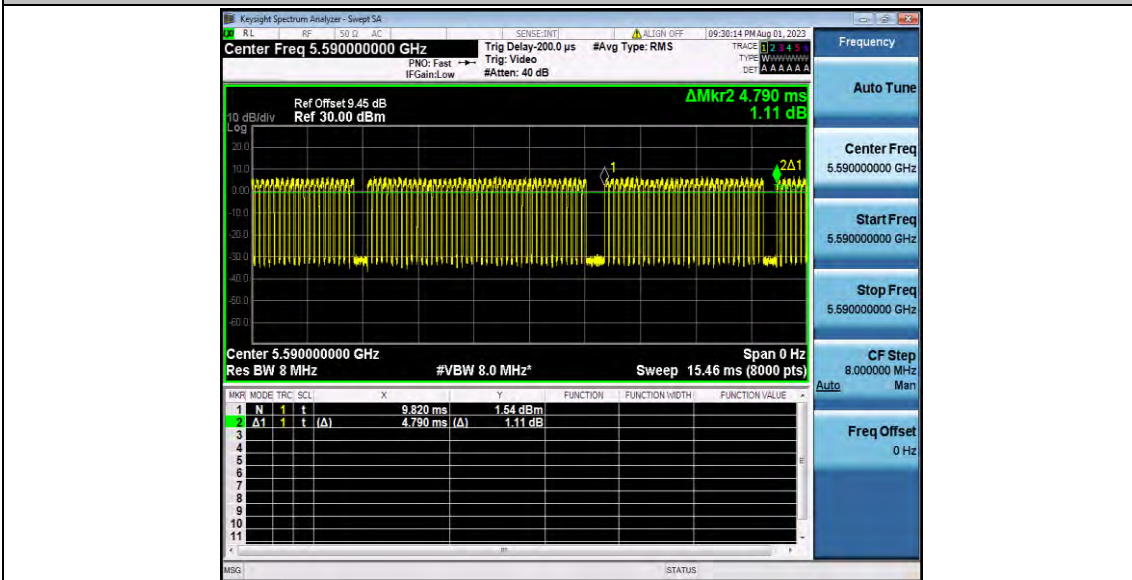
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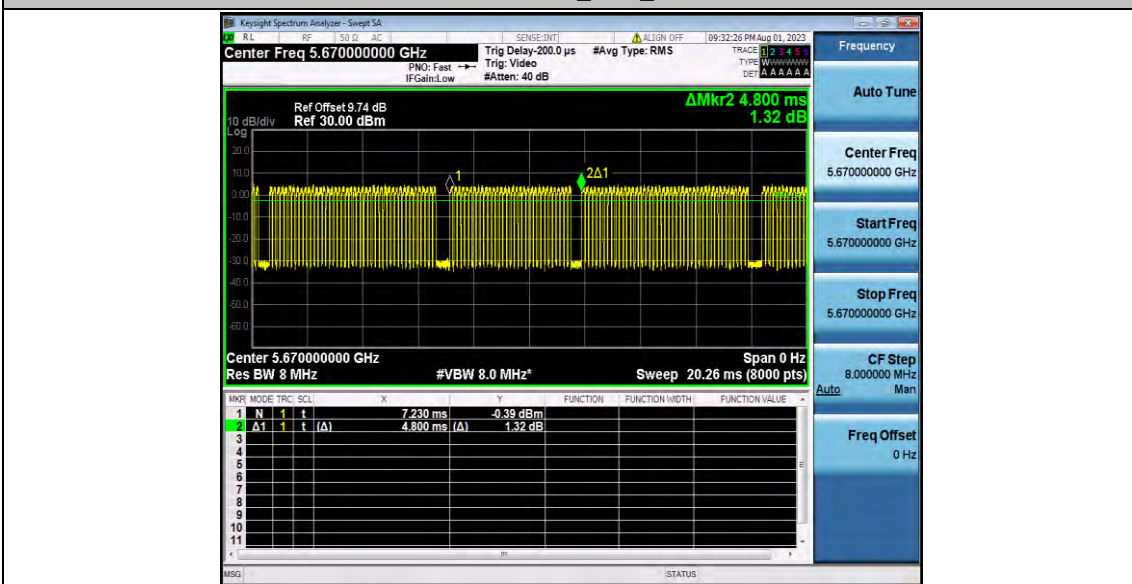
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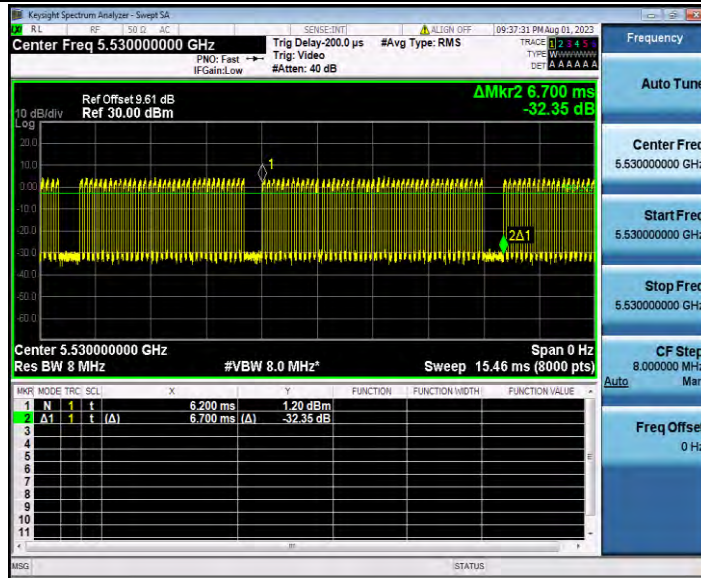
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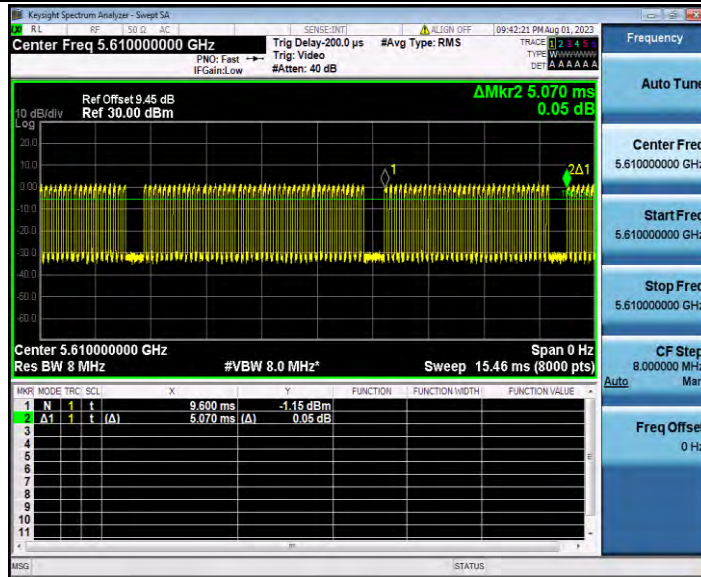
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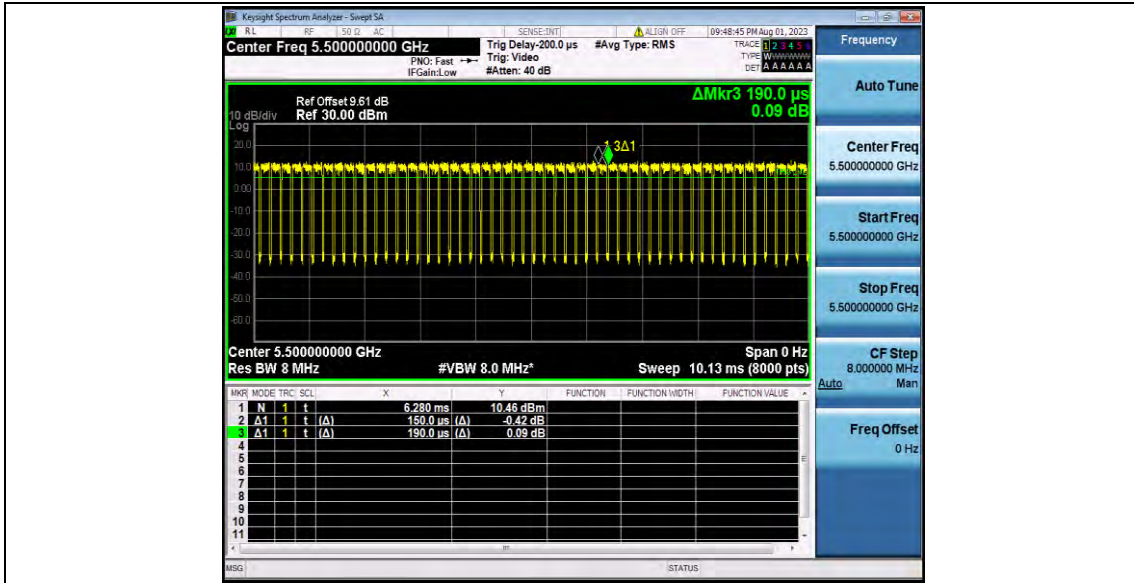
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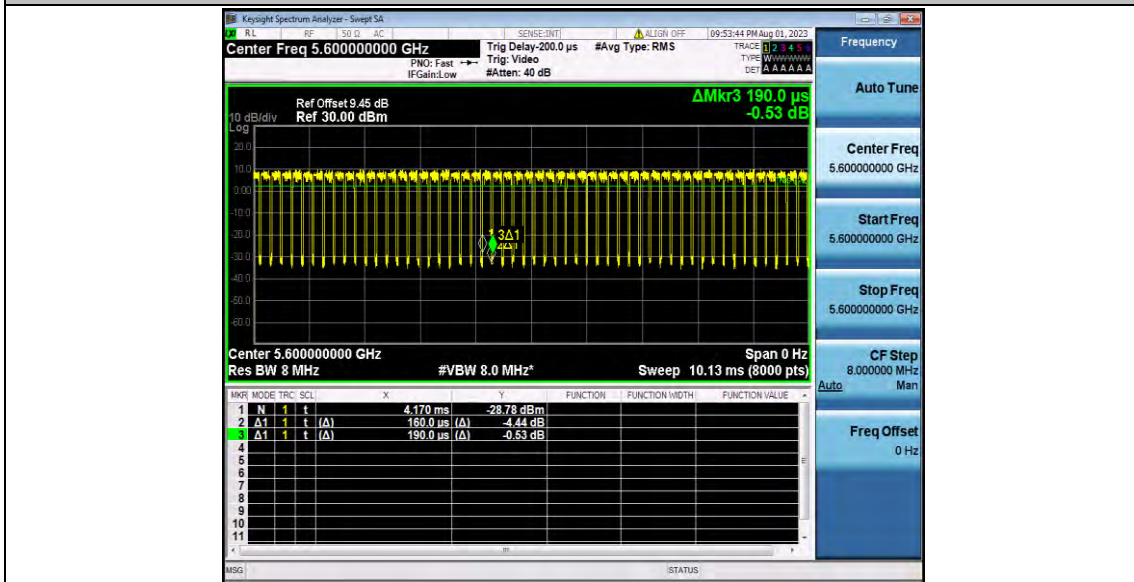
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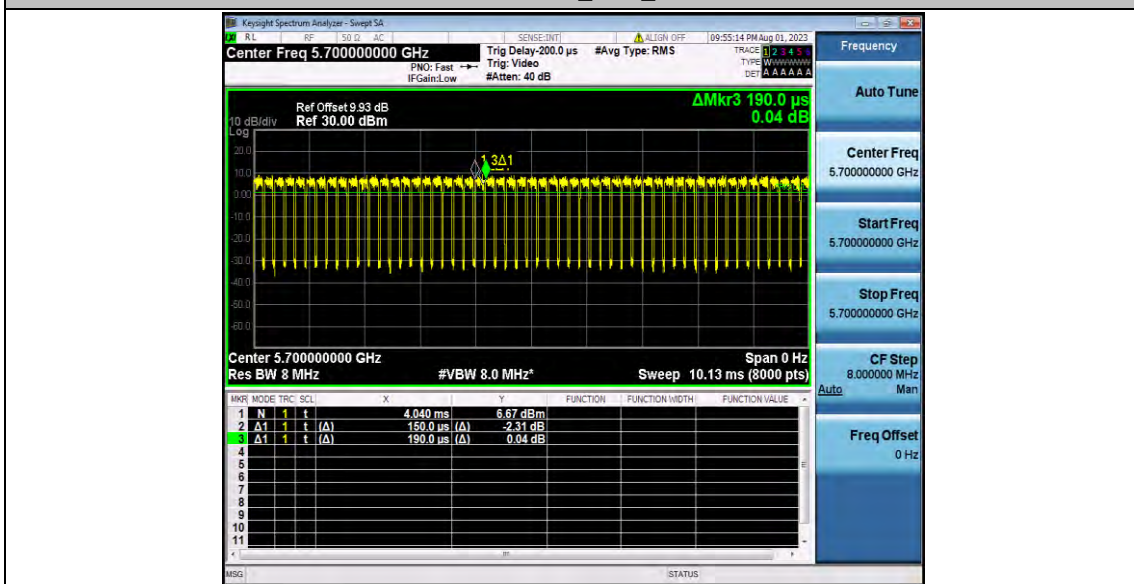
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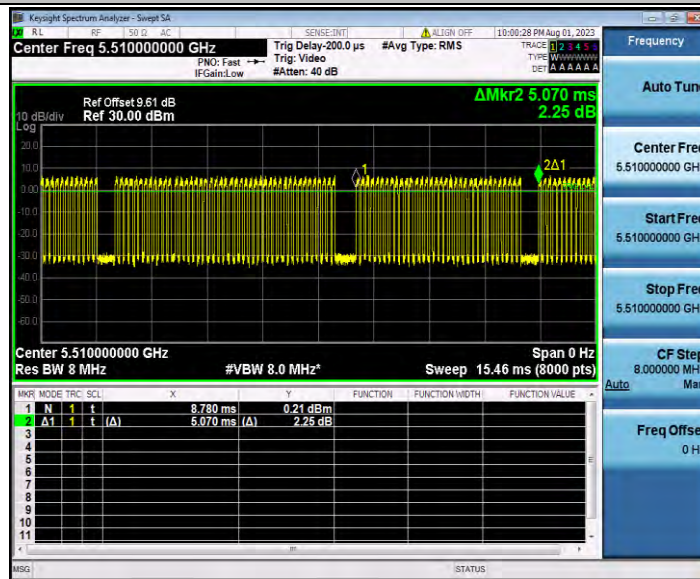
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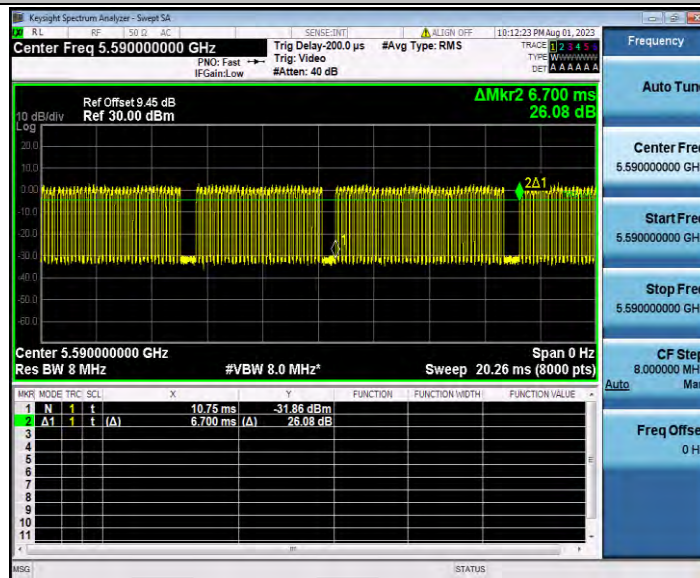
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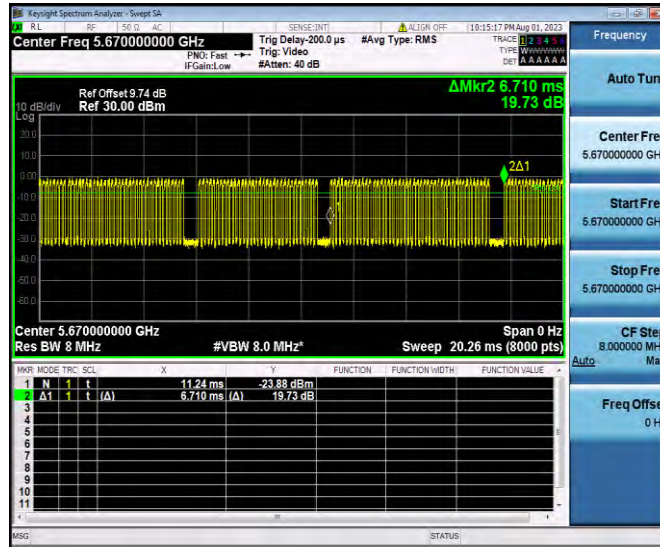
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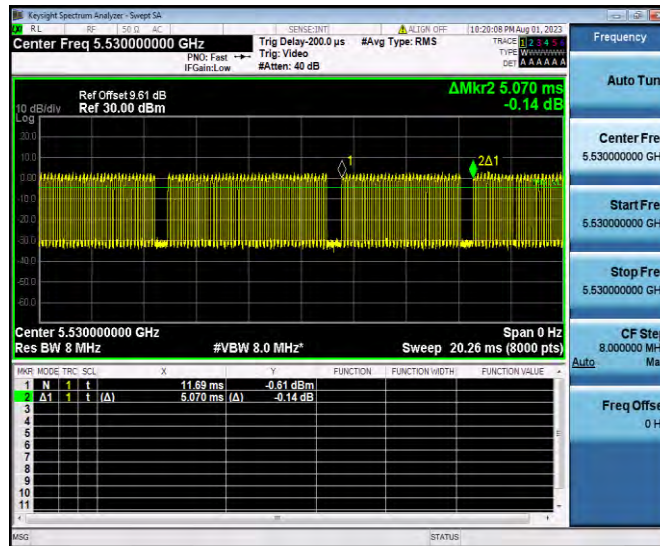
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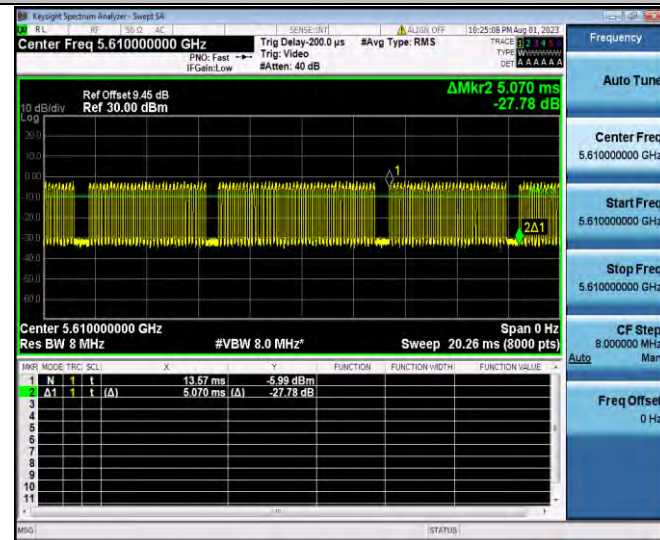
11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610