

Case No. : <u>GTS20230704026-1-41</u>
Ambient Condition: <u>23 °C, 50 %RH, Atmos100.1Kpa,</u>
Test Date: <u>2023.8.30</u> Test Engineer: <u>Evan Ouyang</u>

Appendix G.1: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.504	5735.641	5754.145	---	---
		5785	18.401	5775.710	5794.111	---	---
		5825	18.157	5815.912	5834.069	---	---
11N20SISO	Ant1	5745	19.102	5735.361	5754.463	---	---
		5785	19.035	5775.410	5794.445	---	---
		5825	19.016	5815.489	5834.505	---	---
11N40SISO	Ant1	5755	36.387	5736.818	5773.205	---	---
		5795	36.192	5776.876	5813.068	---	---
11AC20SISO	Ant1	5745	19.244	5735.324	5754.568	---	---
		5785	19.086	5775.407	5794.493	---	---
		5825	19.059	5815.427	5834.486	---	---
11AC40SISO	Ant1	5755	36.229	5736.888	5773.117	---	---
		5795	36.141	5776.907	5813.048	---	---
11AC80SISO	Ant1	5775	75.397	5737.288	5812.685	---	---
11AX20SISO	Ant1	5745	19.246	5735.324	5754.570	---	---
		5785	19.243	5775.283	5794.526	---	---
		5825	19.041	5815.475	5834.516	---	---
11AX40SISO	Ant1	5755	36.295	5736.814	5773.109	---	---
		5795	36.166	5776.895	5813.061	---	---
11AX80SISO	Ant1	5775	75.218	5737.324	5812.542	---	---

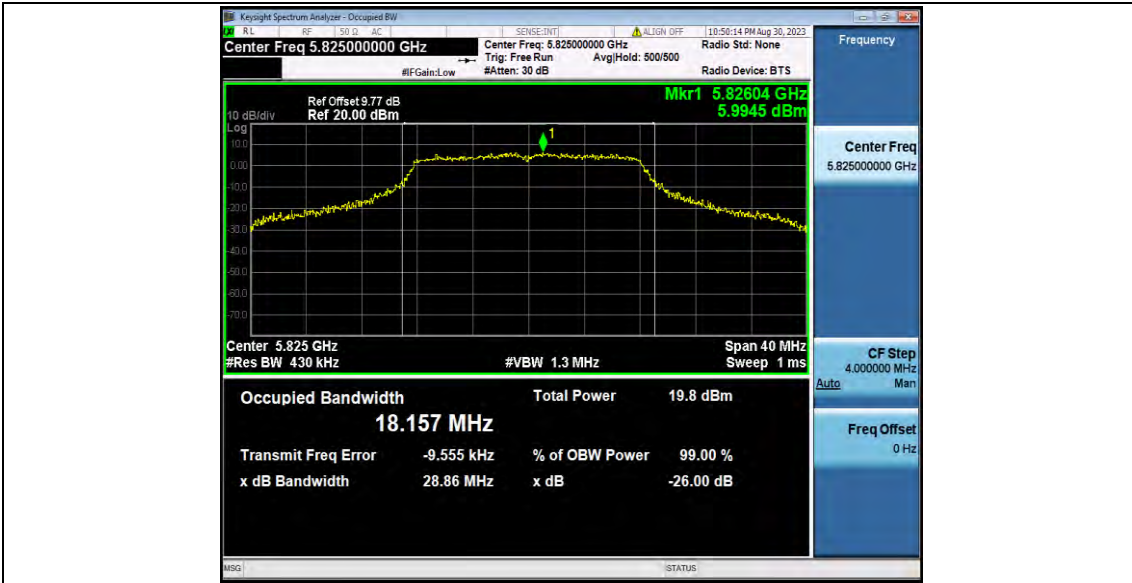
Test Graphs



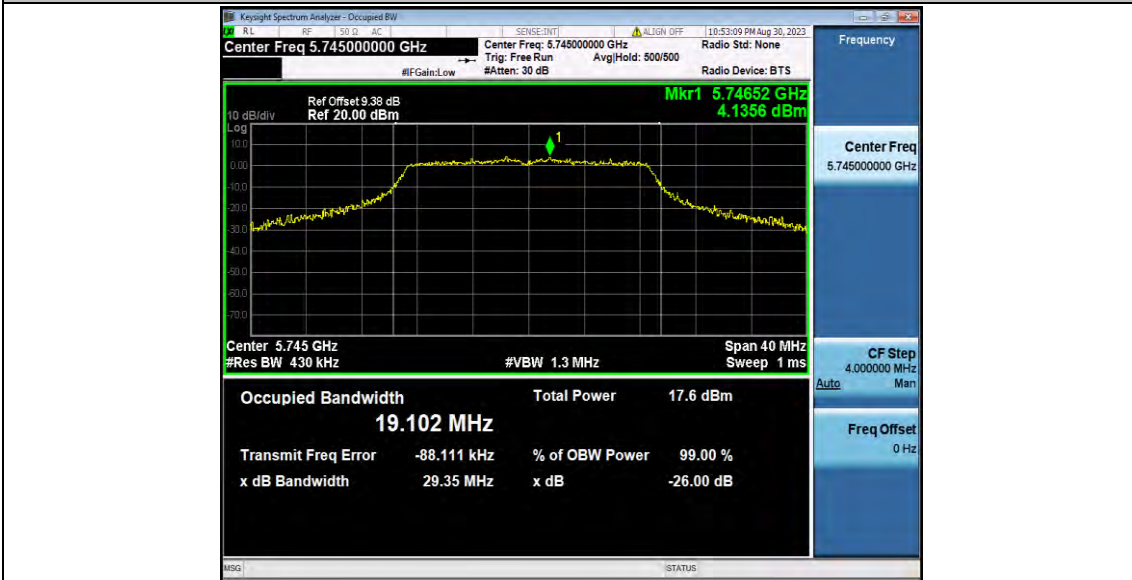
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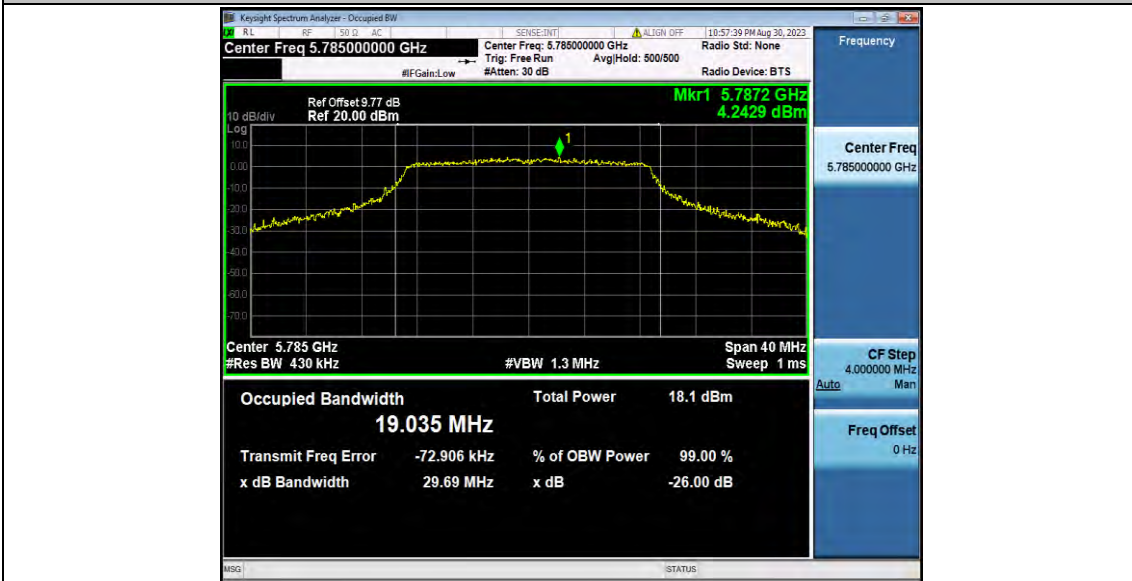
11A_Ant1_5785



11A_Ant1_5825



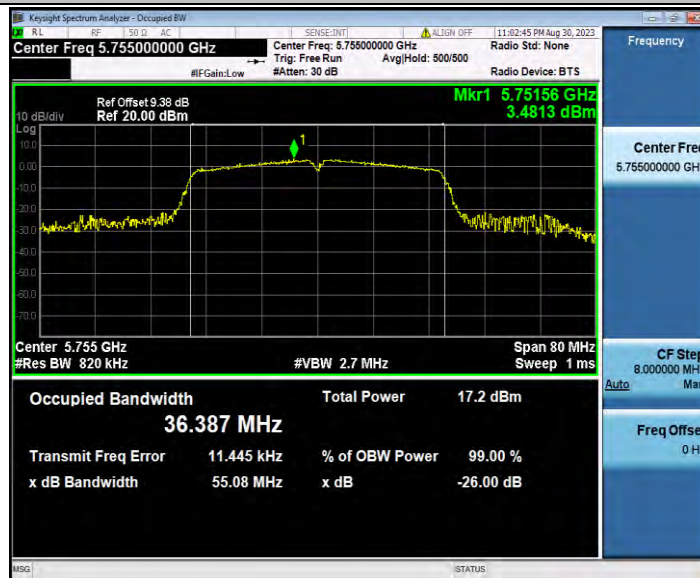
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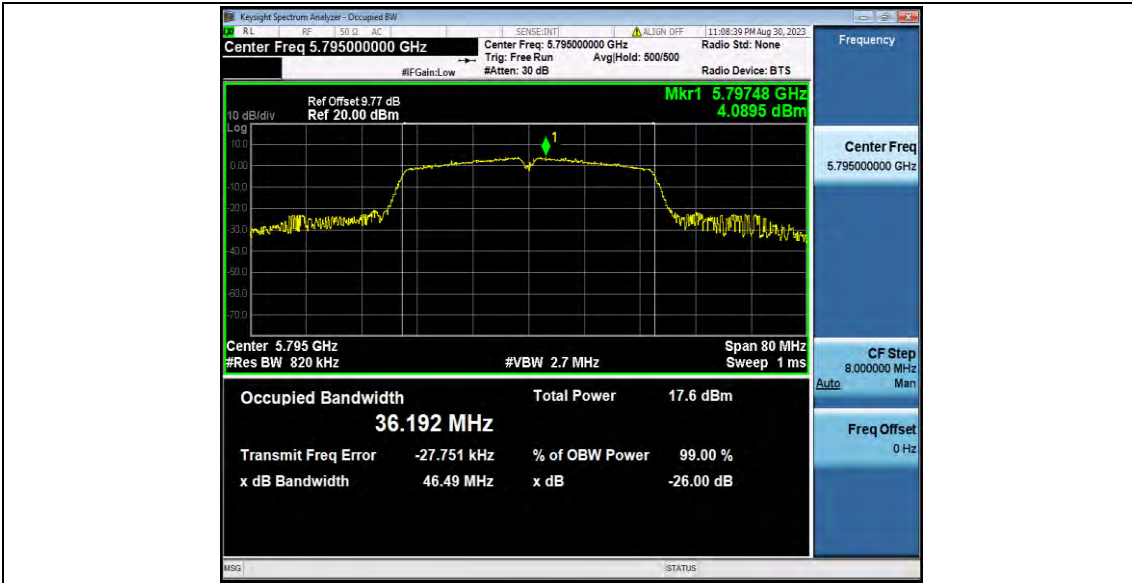
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



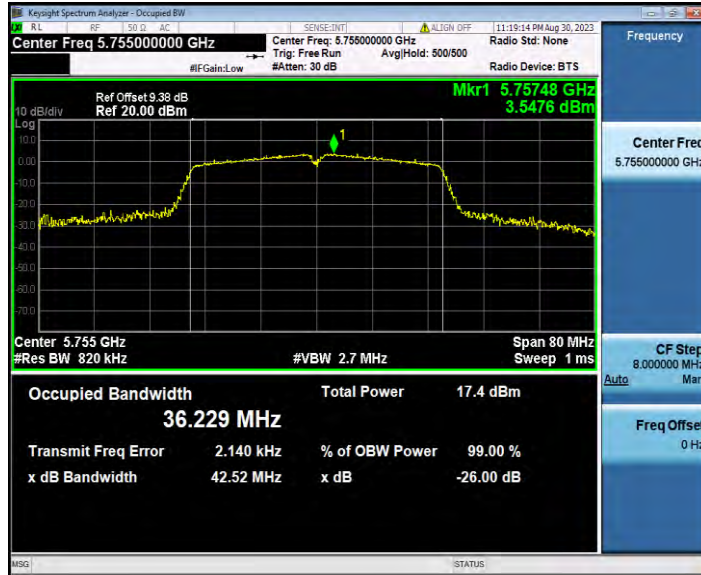
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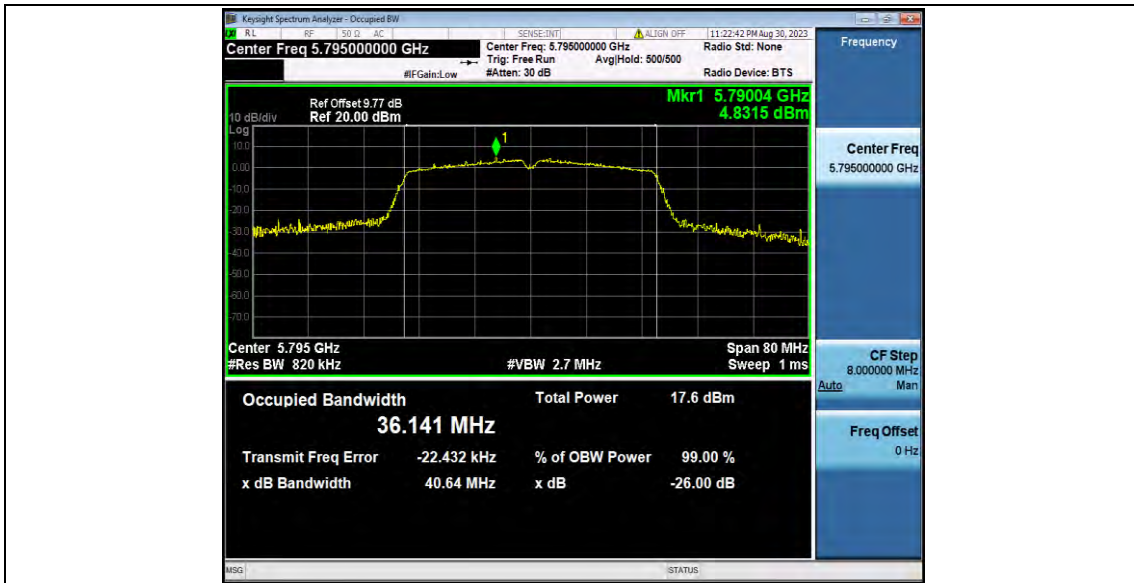
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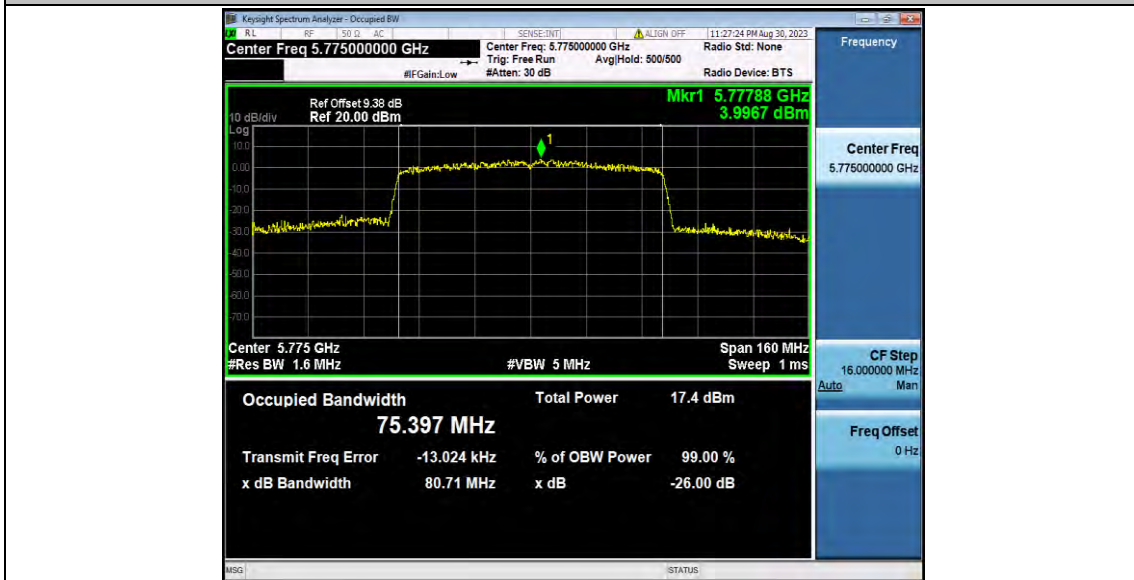
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



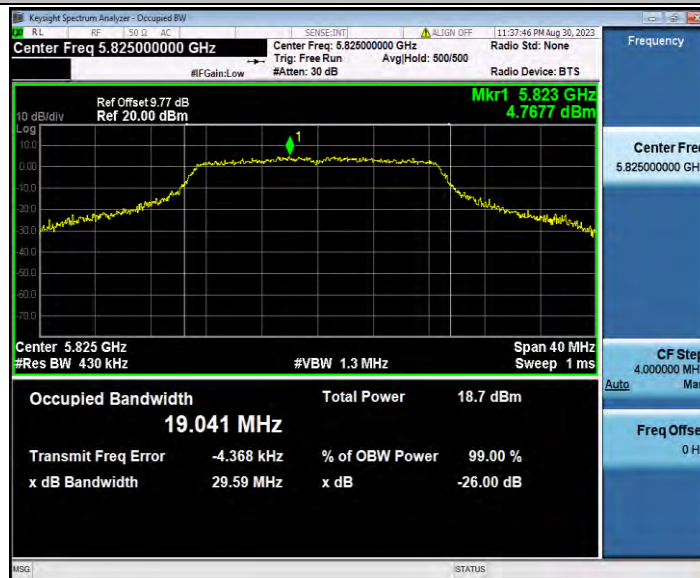
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11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



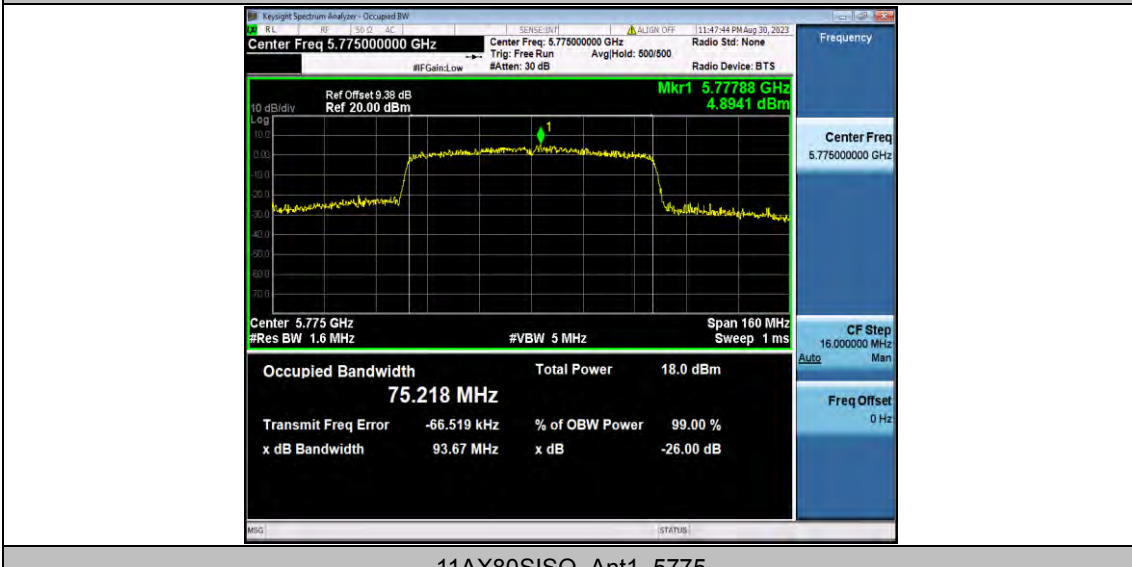
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11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



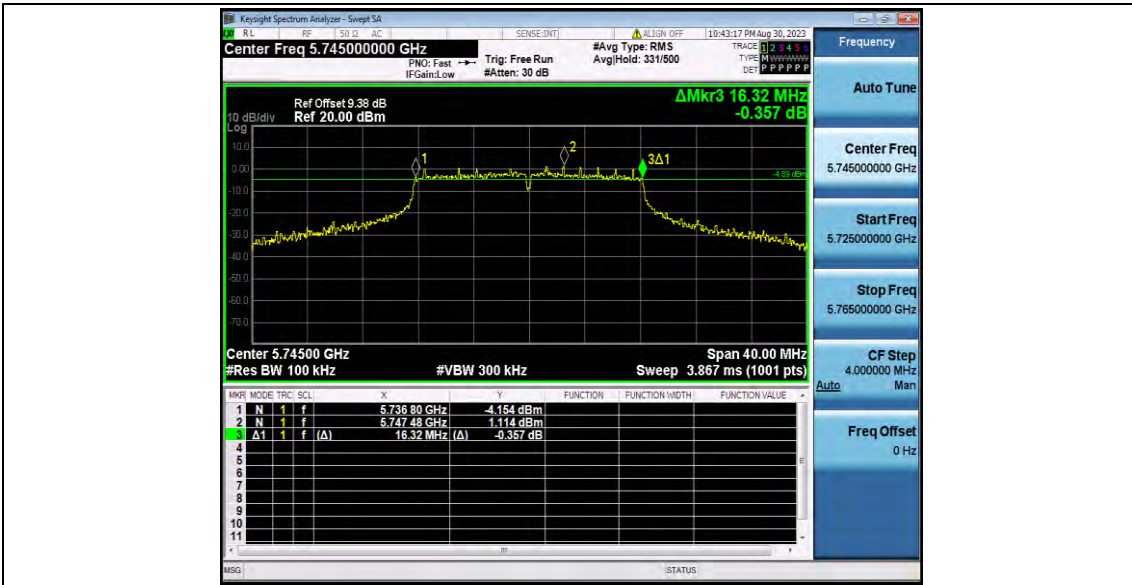
11AX80SISO_Ant1_5775

Appendix G.2: Min emission bandwidth

Test Result B4

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.800	5753.120	0.5	PASS
		5785	16.280	5776.800	5793.080	0.5	PASS
		5825	15.920	5817.200	5833.120	0.5	PASS
11N20SISO	Ant1	5745	16.680	5736.800	5753.480	0.5	PASS
		5785	15.720	5777.040	5792.760	0.5	PASS
		5825	17.040	5816.440	5833.480	0.5	PASS
11N40SISO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
		5795	34.960	5777.480	5812.440	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.560	5776.160	5793.720	0.5	PASS
		5825	16.280	5817.080	5833.360	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	33.840	5777.400	5811.240	0.5	PASS
11AC80SISO	Ant1	5775	73.760	5738.680	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	17.320	5736.200	5753.520	0.5	PASS
		5785	16.960	5776.520	5793.480	0.5	PASS
		5825	16.880	5816.560	5833.440	0.5	PASS
11AX40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AX80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS

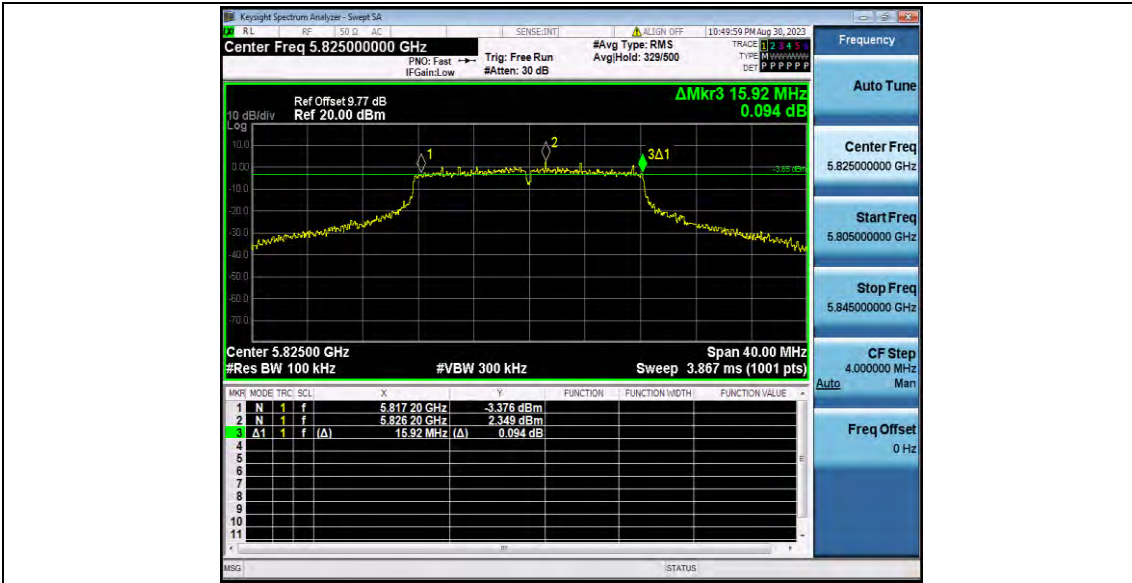
Test Graphs B4



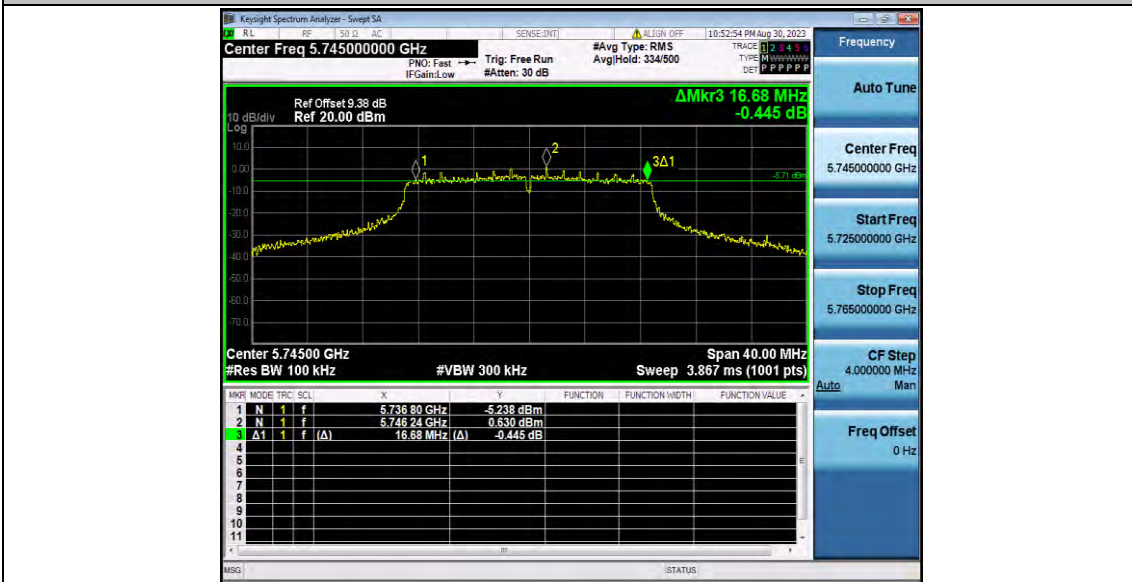
11A_Ant1_5745



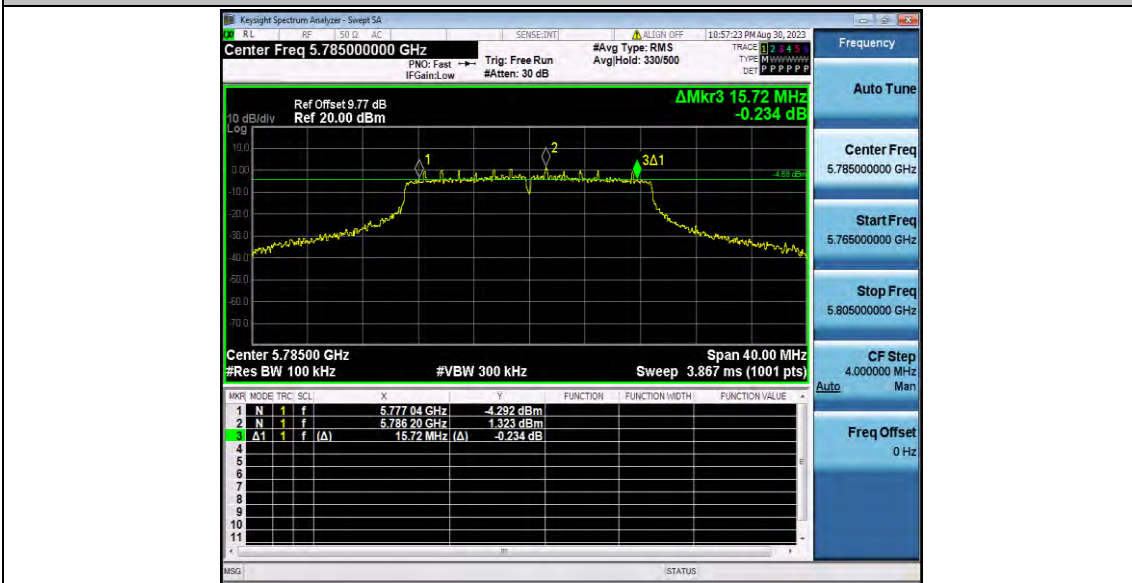
11A_Ant1_5785



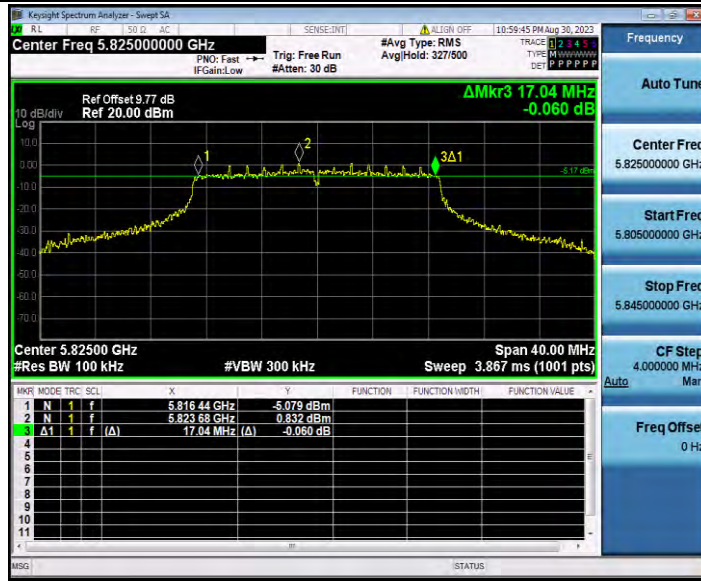
11A_Ant1_5825



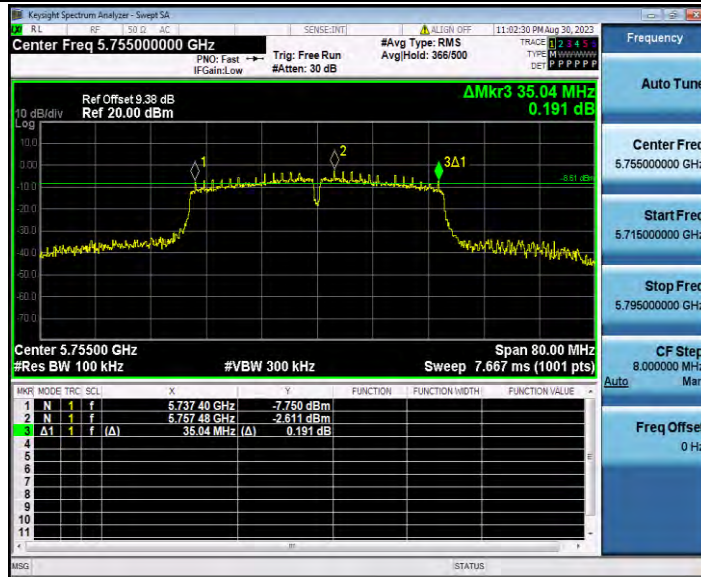
11N20SISO_Ant1_5745



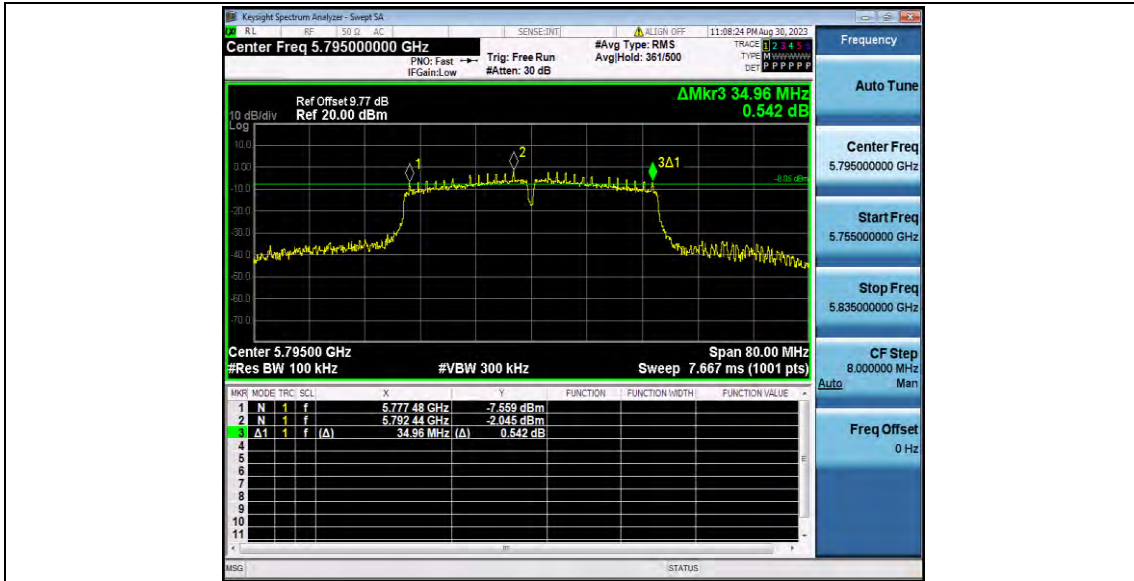
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



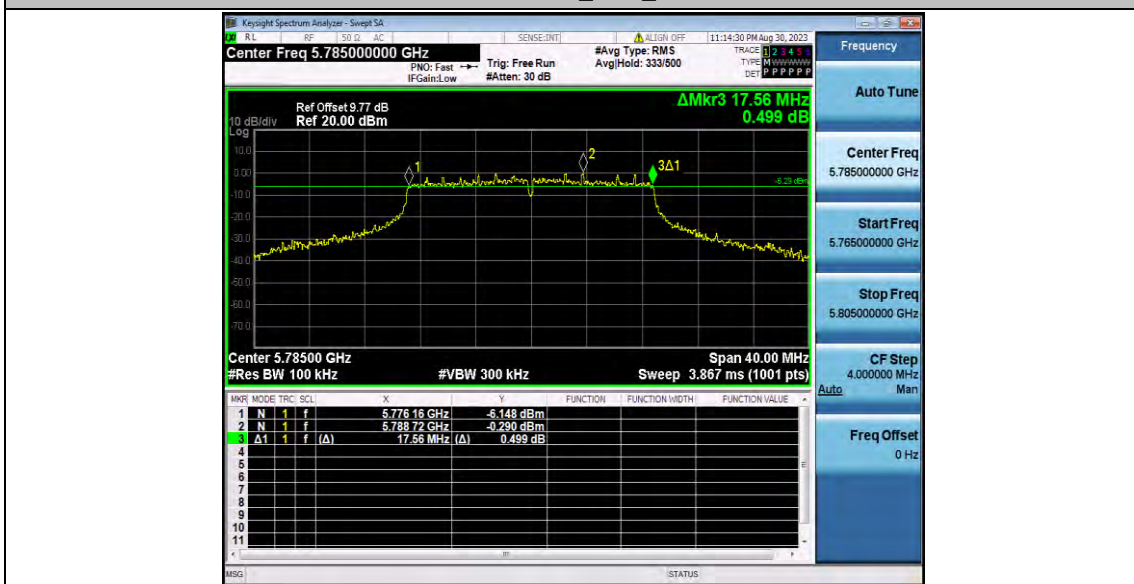
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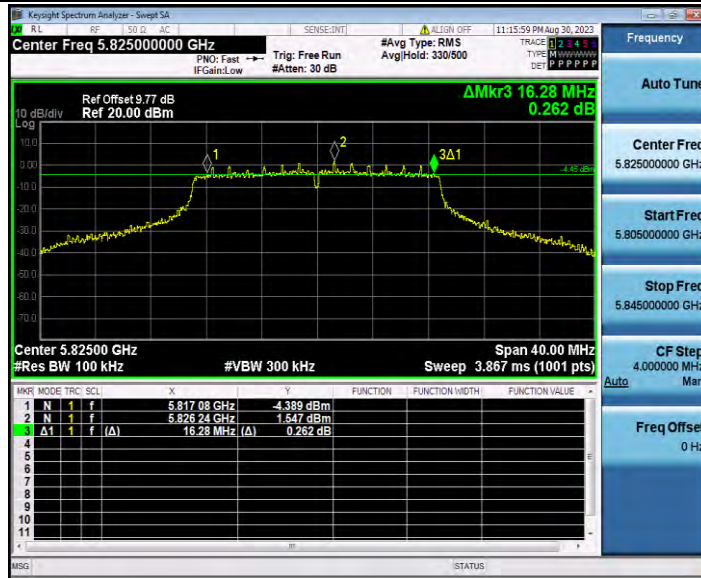
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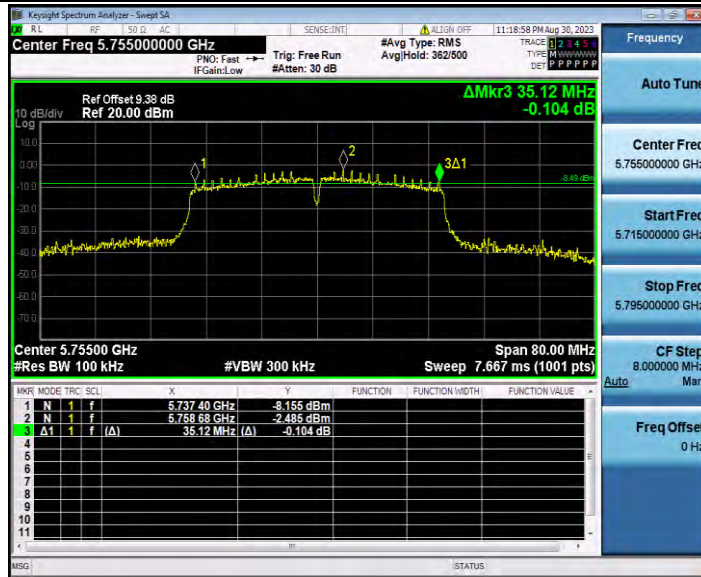
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11AC20SISO_Ant1_5785



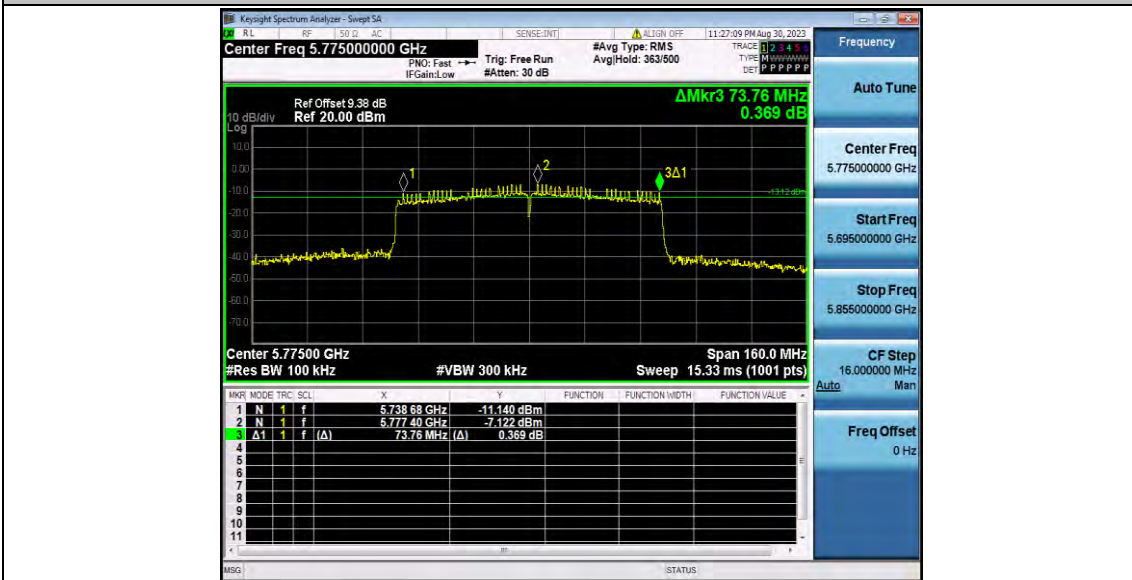
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11AC40SISO_Ant1_5755



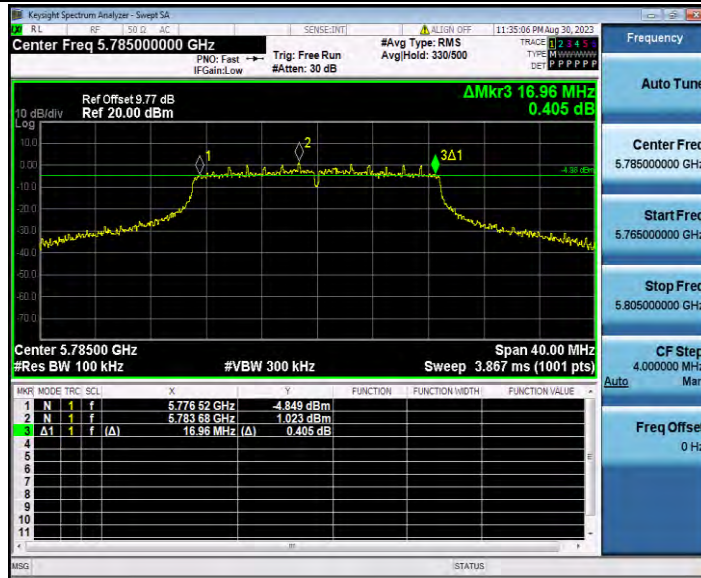
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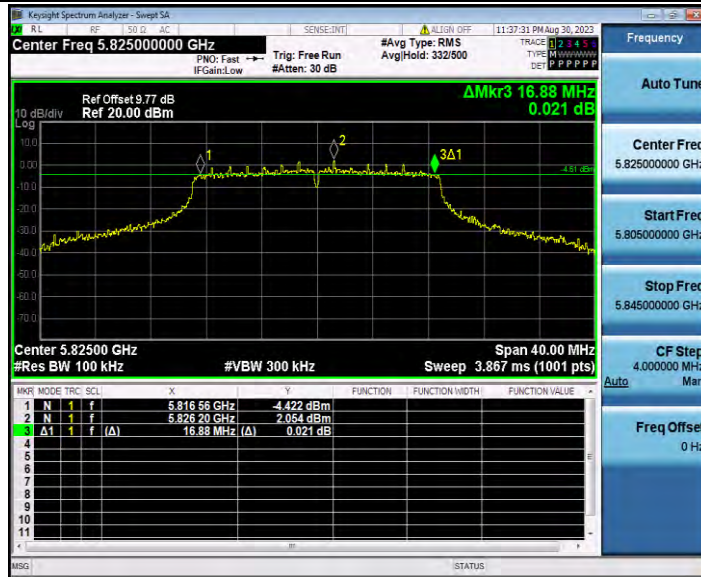
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11AX20SISO_Ant1_5745



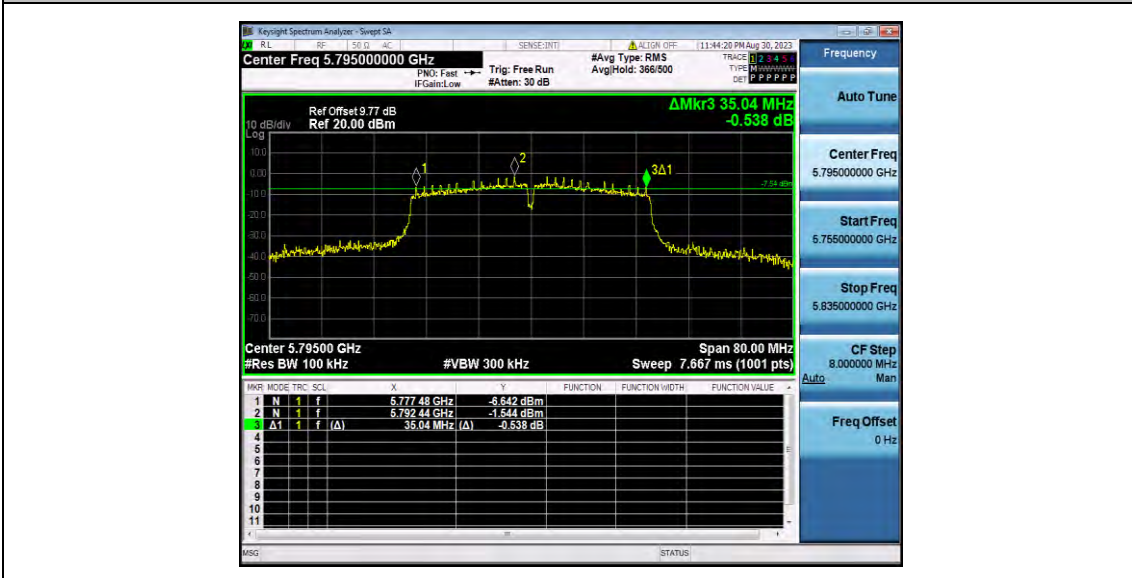
11AX20SISO_Ant1_5785



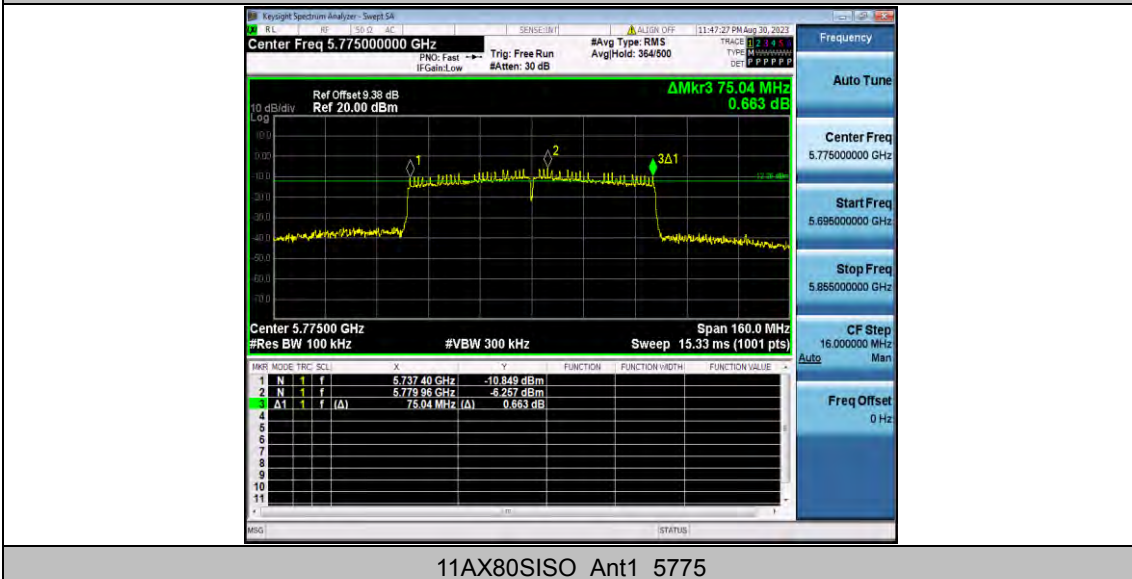
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



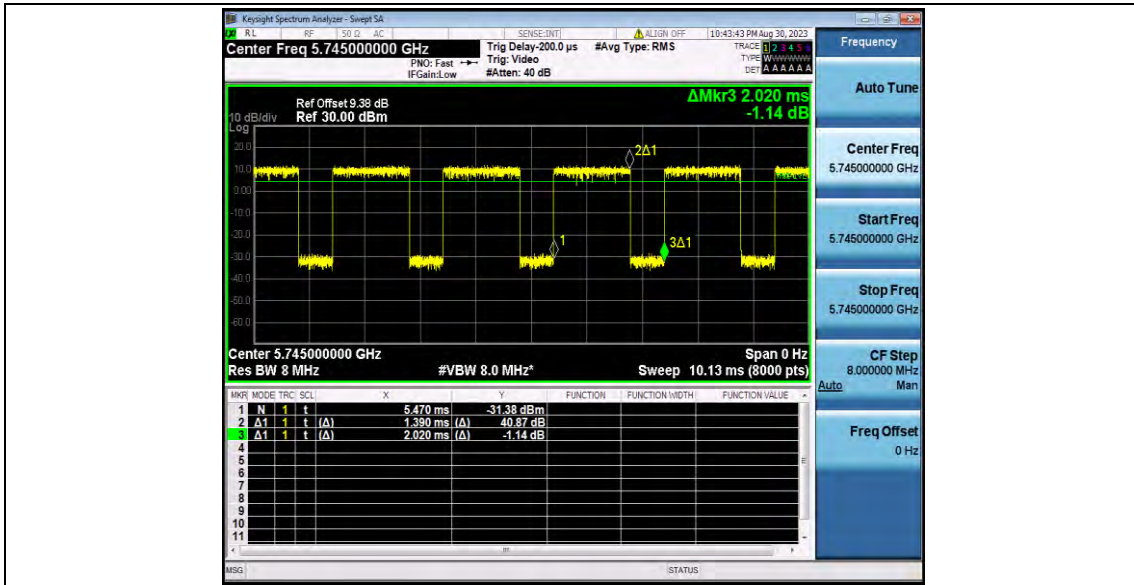
11AX80SISO_Ant1_5775

Appendix G.3: Duty Cycle

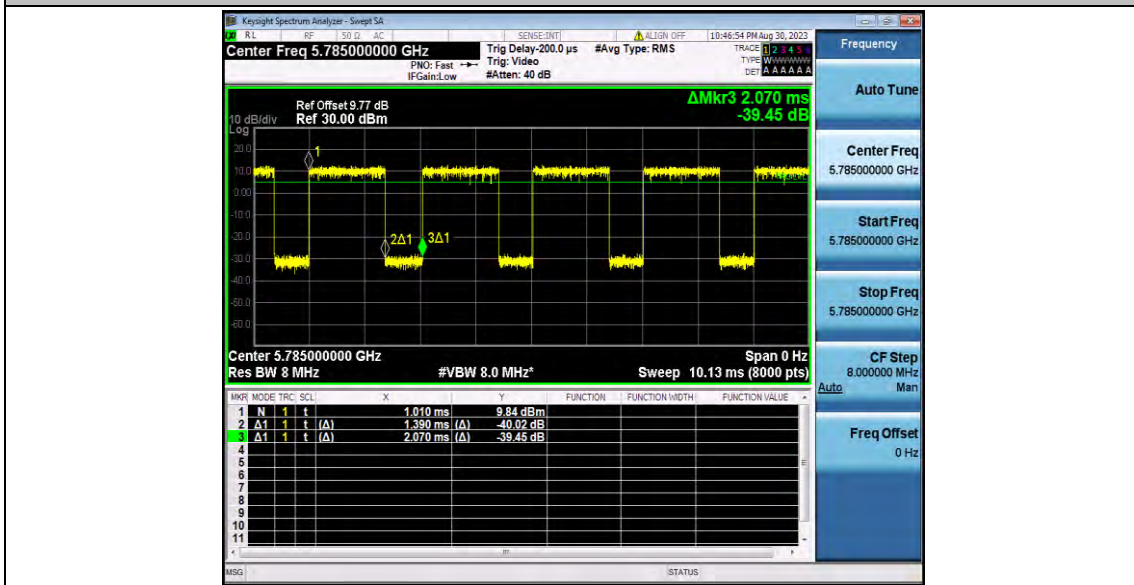
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	1.39	2.02	68.81
		5785	1.39	2.07	67.15
		5825	1.39	2.02	68.81
11N20SISO	Ant1	5745	1.30	1.93	67.36
		5785	1.30	1.93	67.36
		5825	1.30	1.93	67.36
11N40SISO	Ant1	5755	0.65	1.28	50.78
		5795	0.65	1.28	50.78
11AC20SISO	Ant1	5745	1.31	1.95	67.18
		5785	1.31	1.96	66.84
		5825	1.31	1.96	66.84
11AC40SISO	Ant1	5755	0.65	1.29	50.39
		5795	0.65	1.28	50.78
11AC80SISO	Ant1	5775	0.32	0.95	33.68
11AX20SISO	Ant1	5745	1.31	1.98	66.16
		5785	1.31	1.96	66.84
		5825	1.31	1.95	67.18
11AX40SISO	Ant1	5755	0.65	1.29	50.39
		5795	0.65	1.28	50.78
11AX80SISO	Ant1	5775	0.32	0.95	33.68

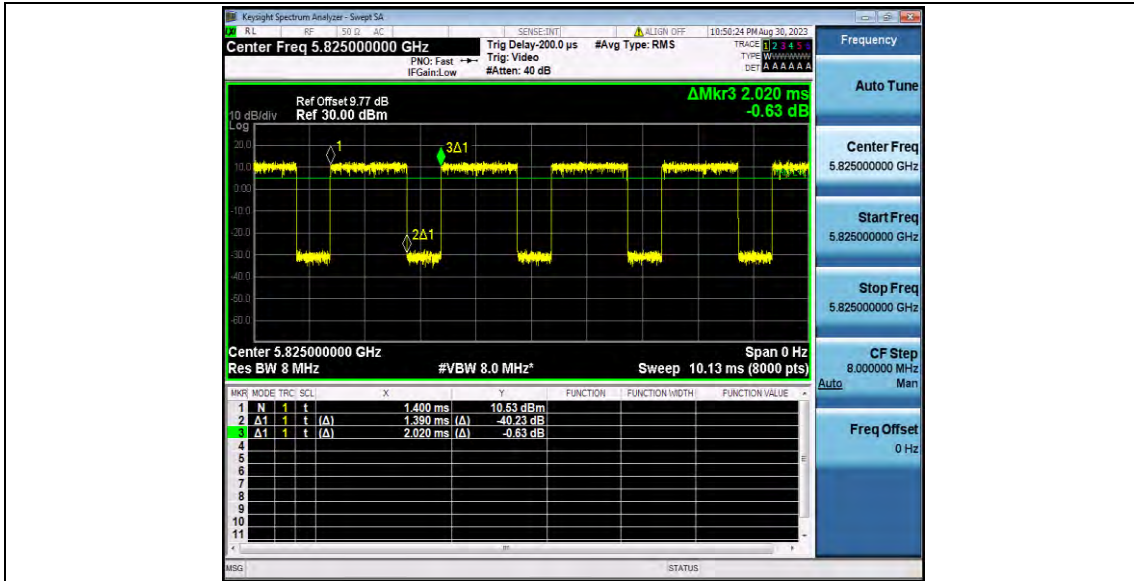
Test Graphs



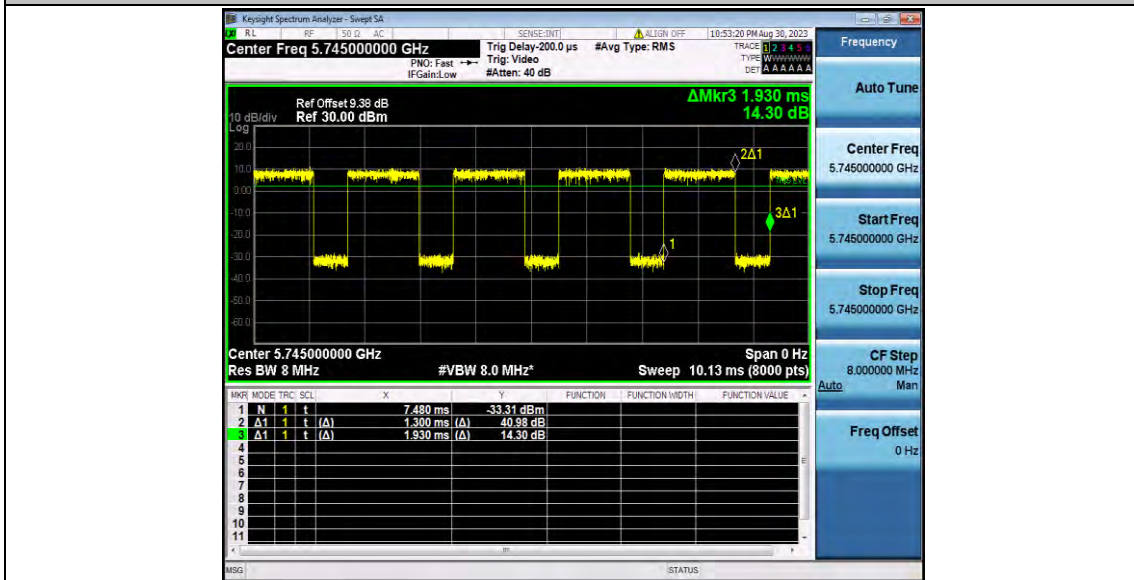
11A_Ant1_5745



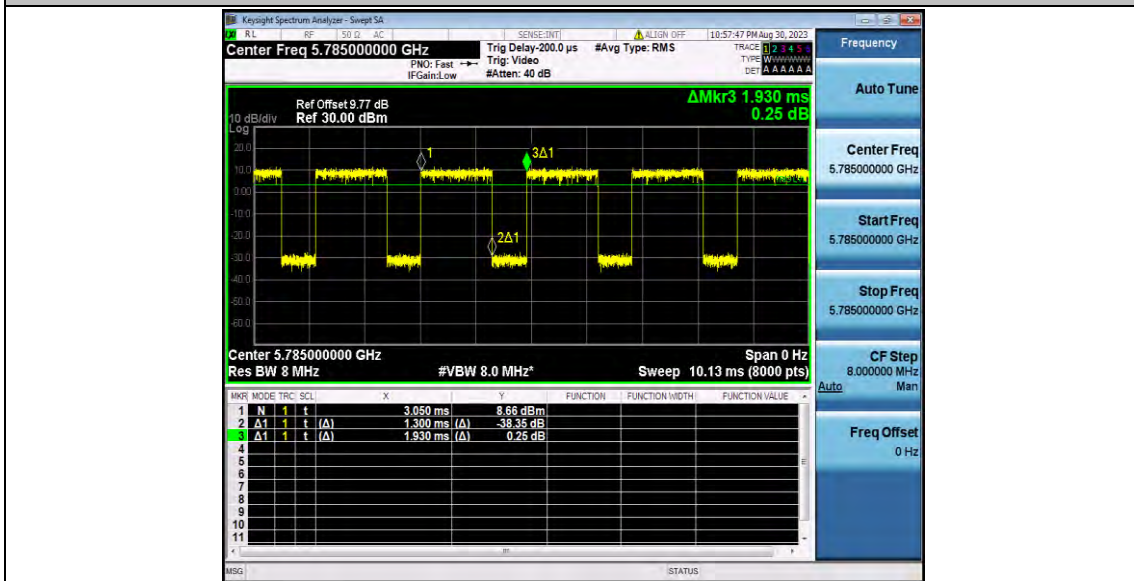
11A_Ant1_5785



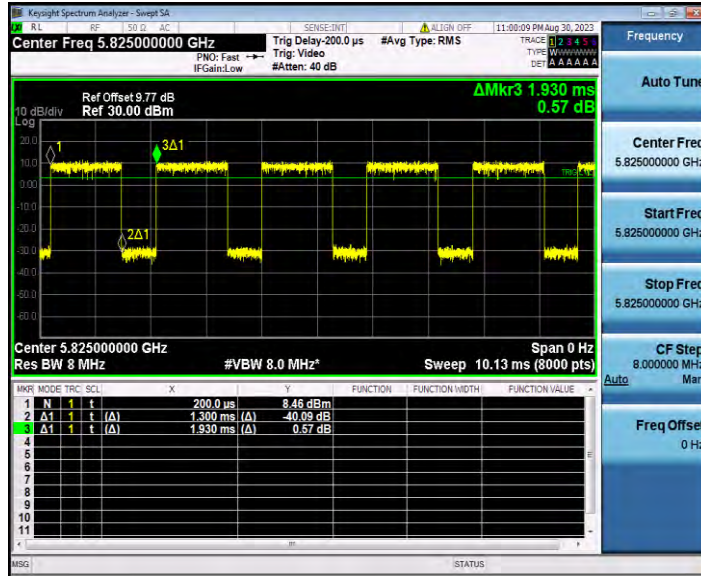
11A_Ant1_5825



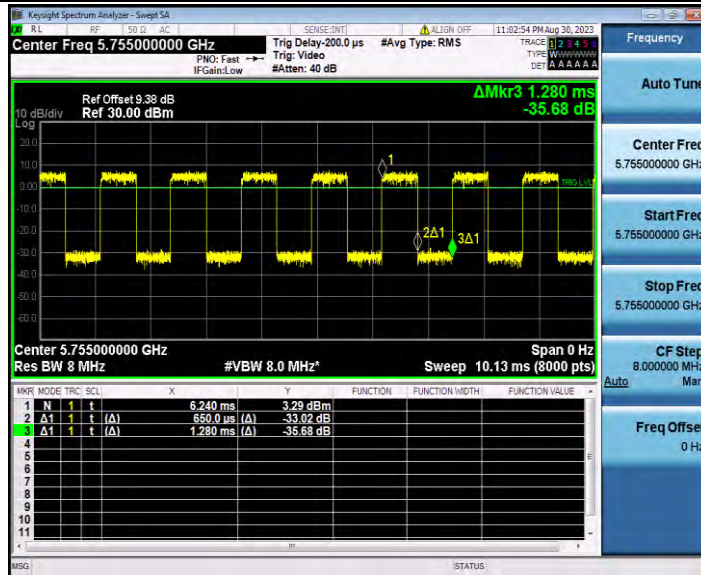
11N20SISO_Ant1_5745



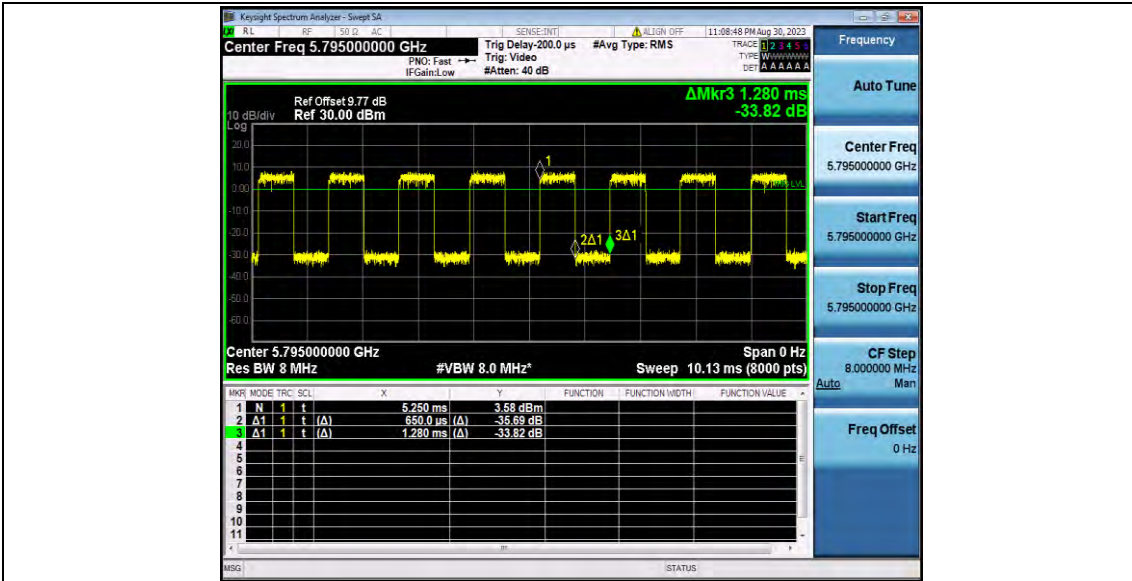
11N20SISO_Ant1_5785



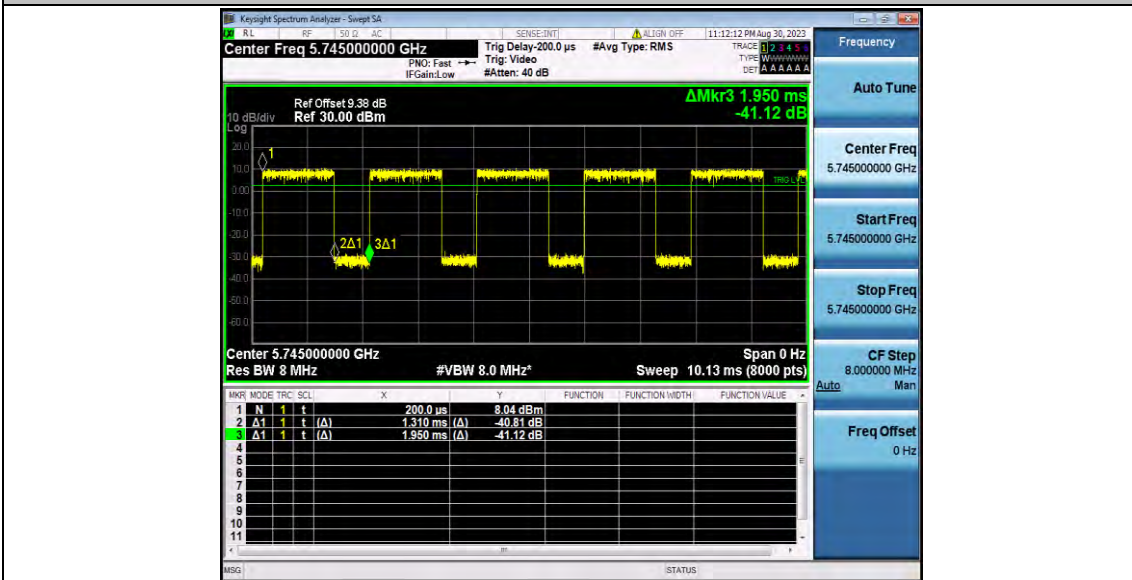
11N20SISO_Ant1_5825



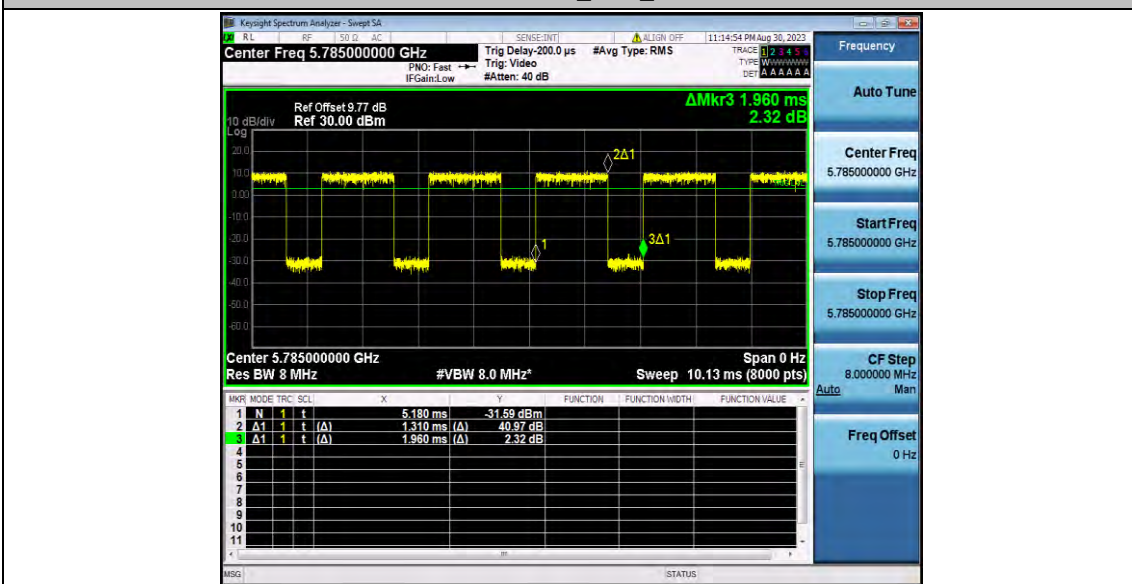
11N40SISO_Ant1_5755



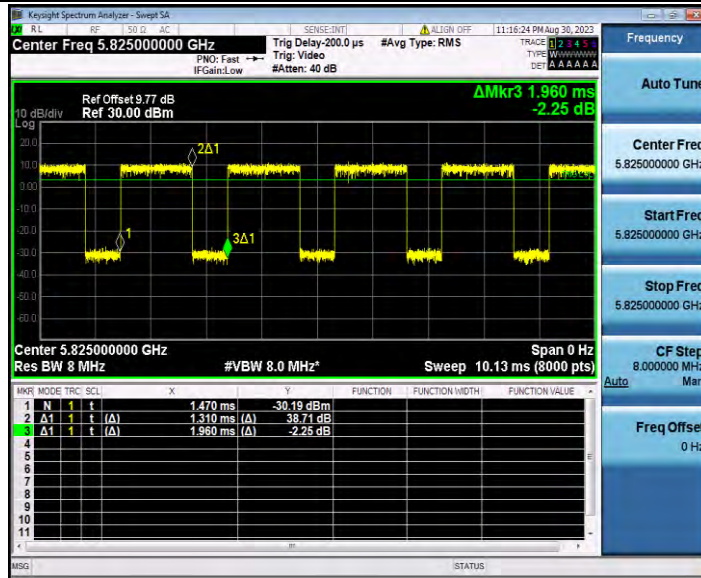
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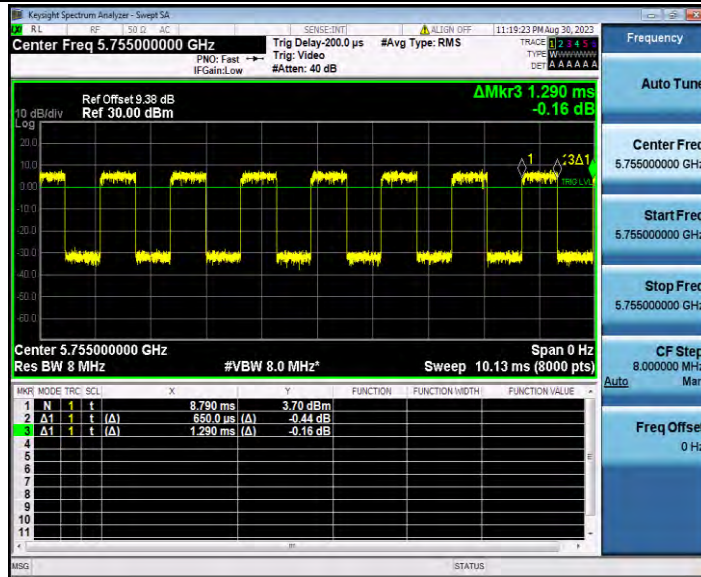
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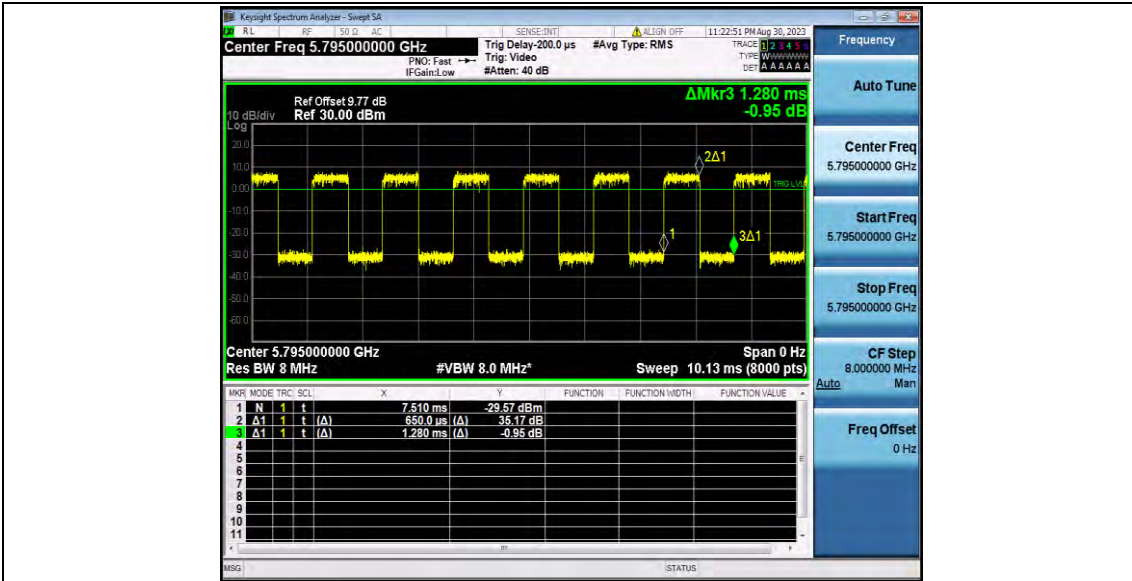
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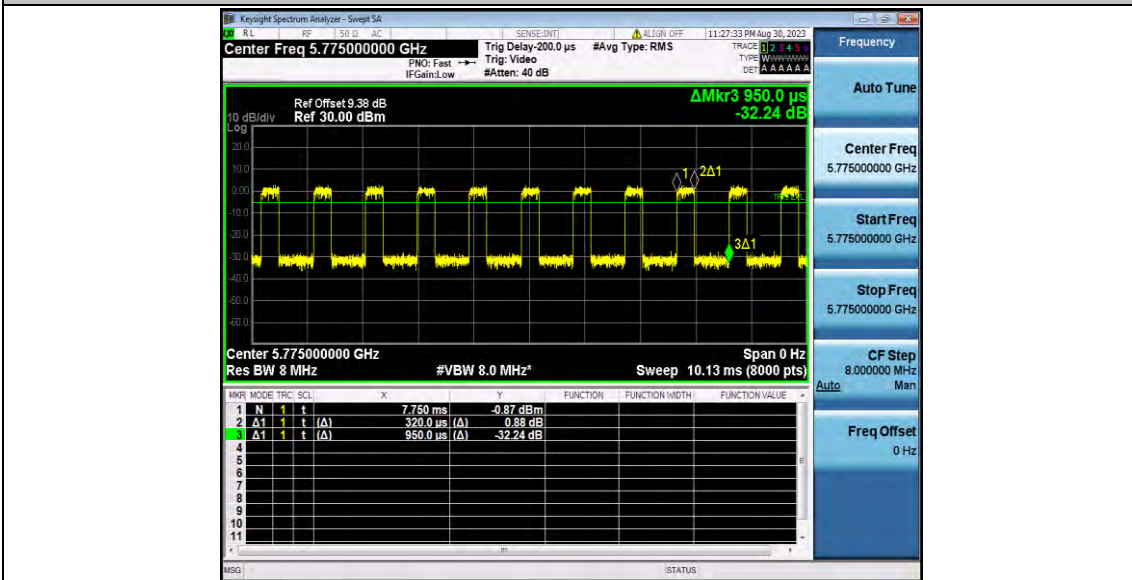
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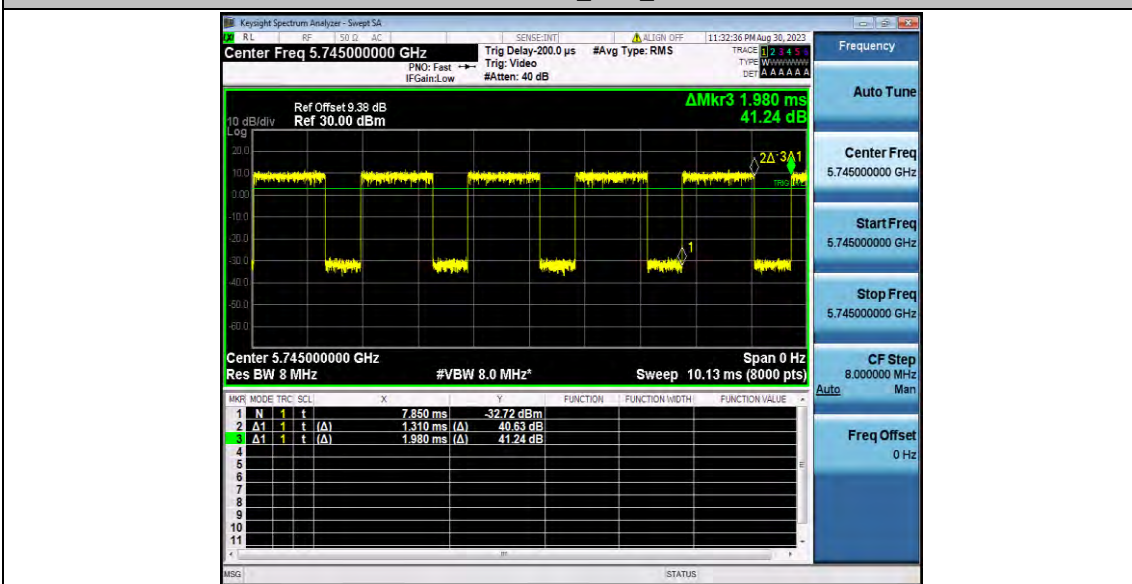
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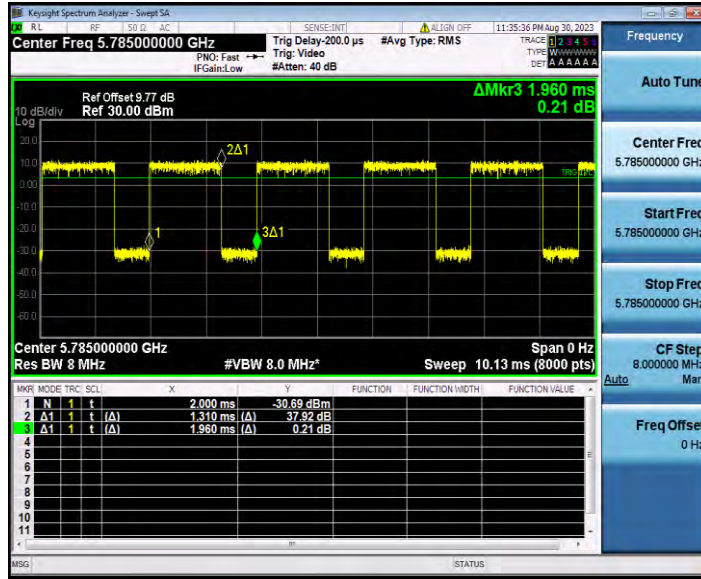
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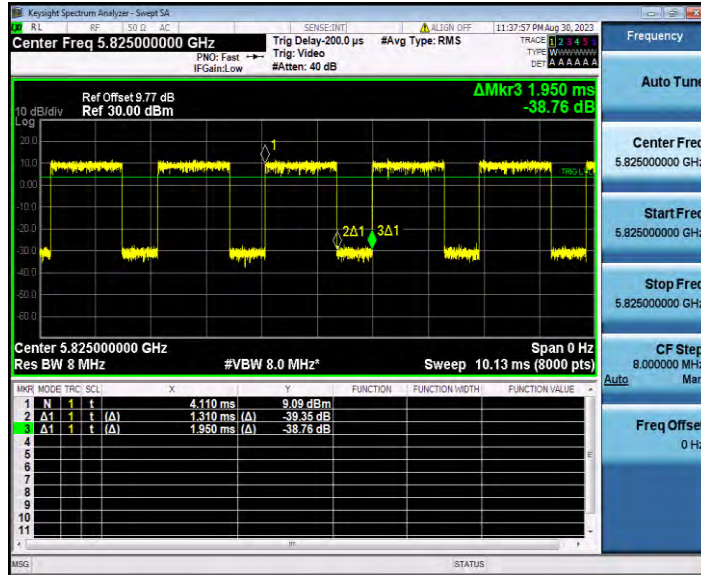
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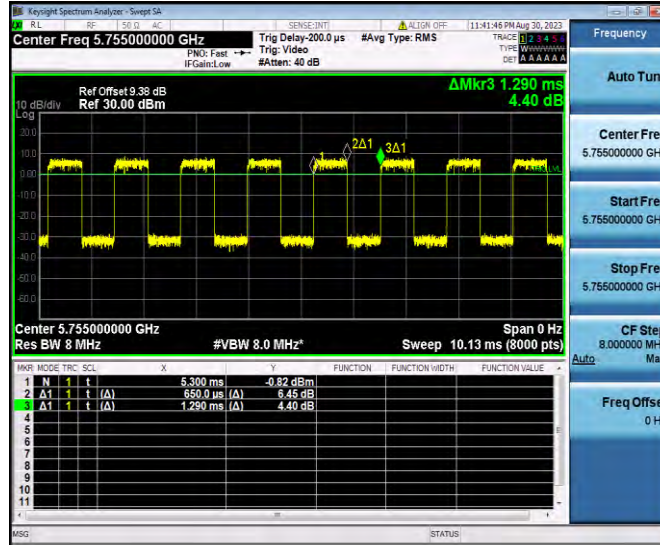
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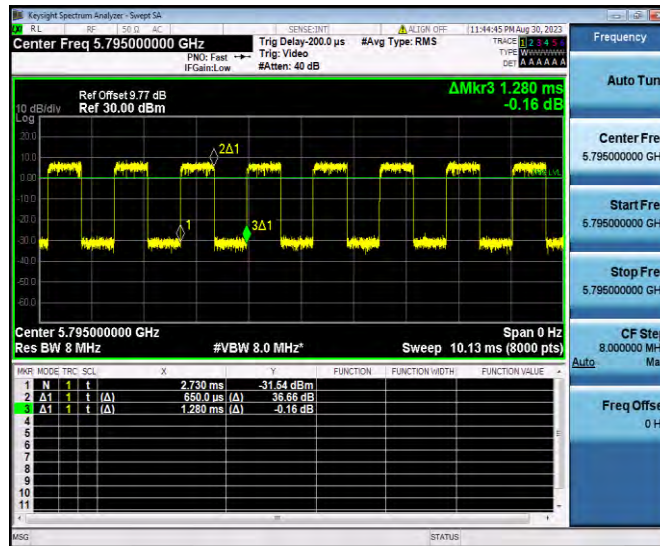
11AX20SISO_Ant1_5785



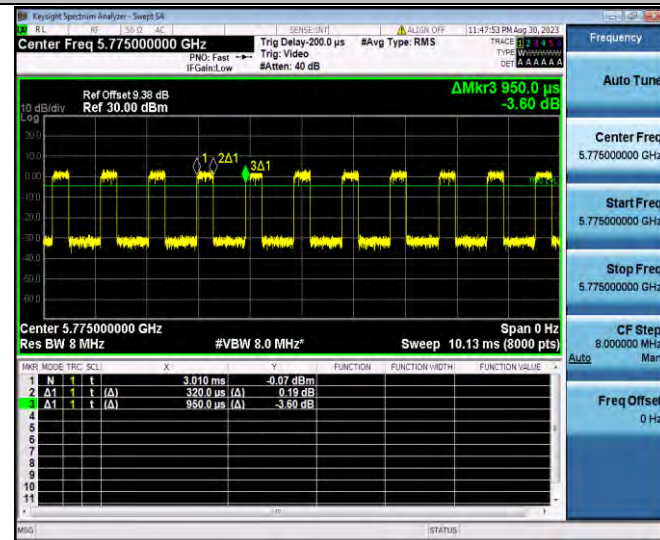
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775