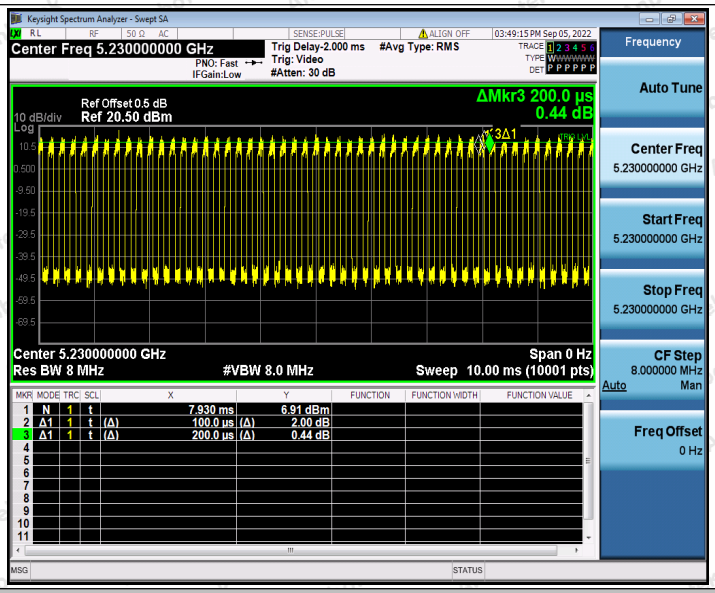

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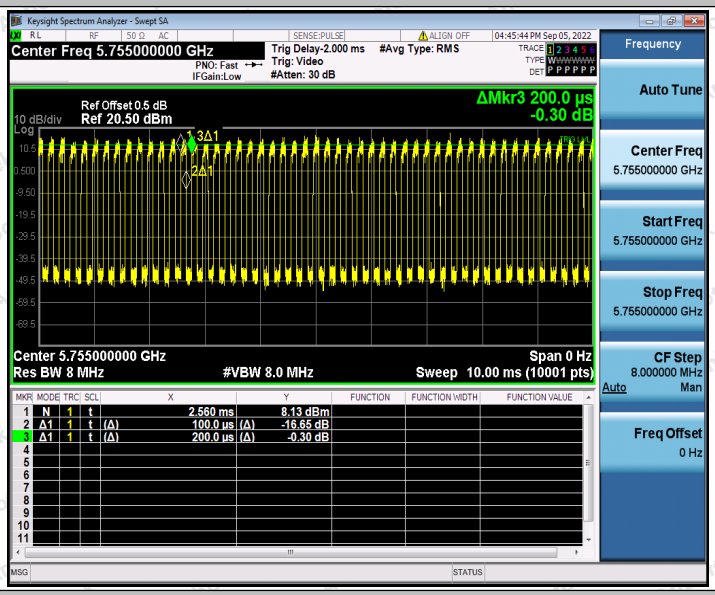

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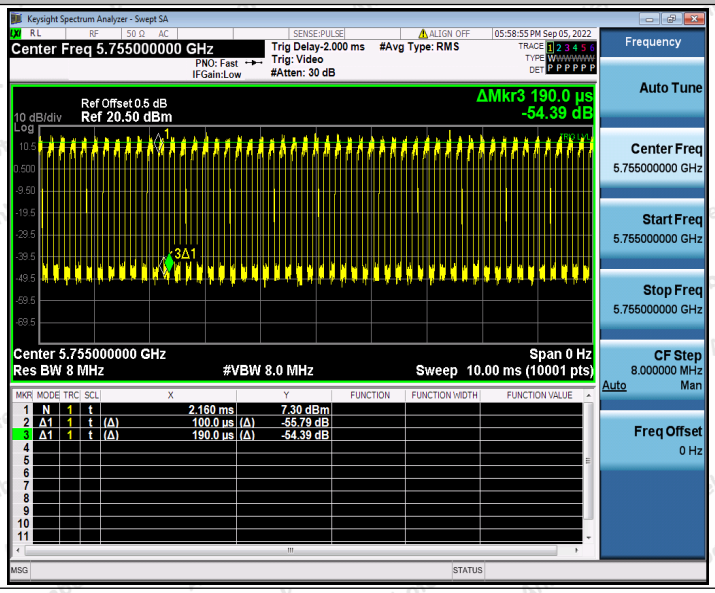

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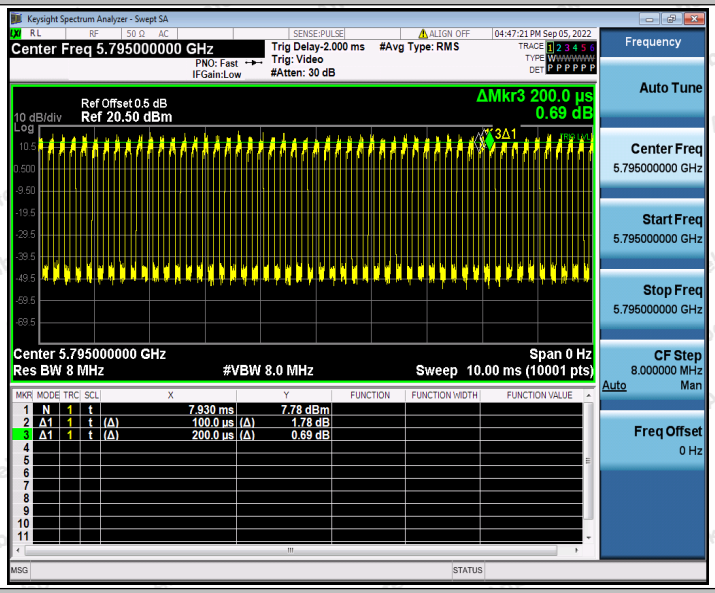

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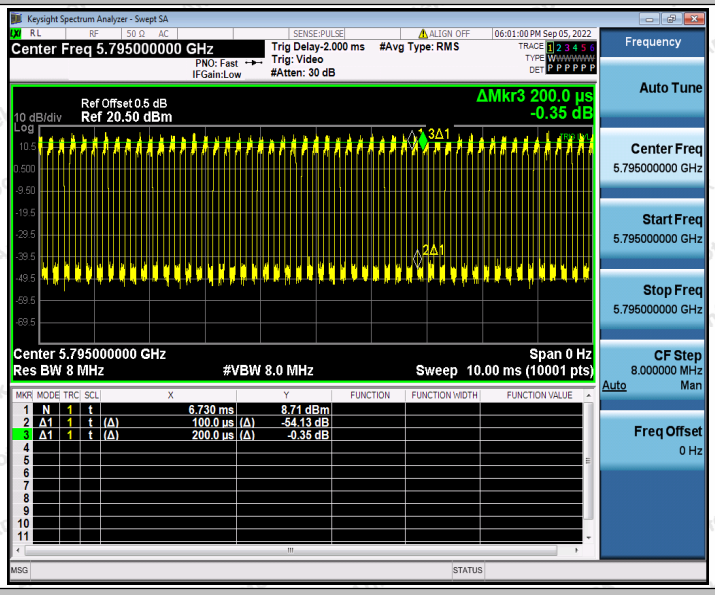

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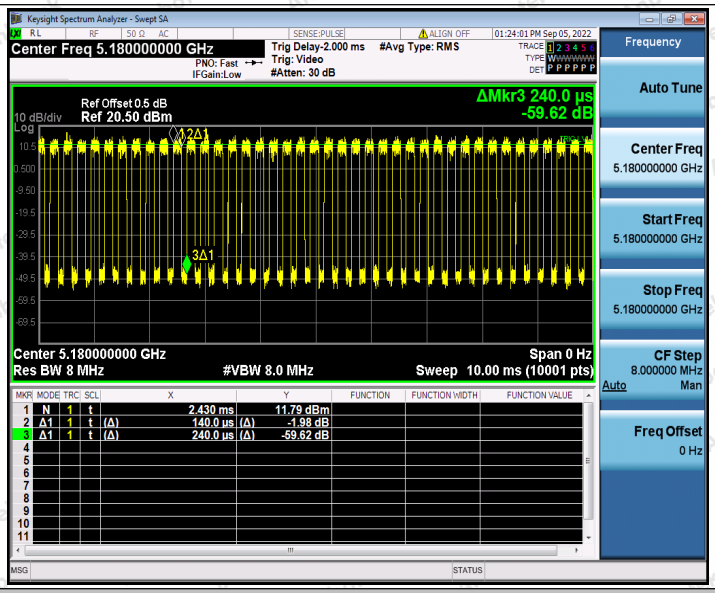

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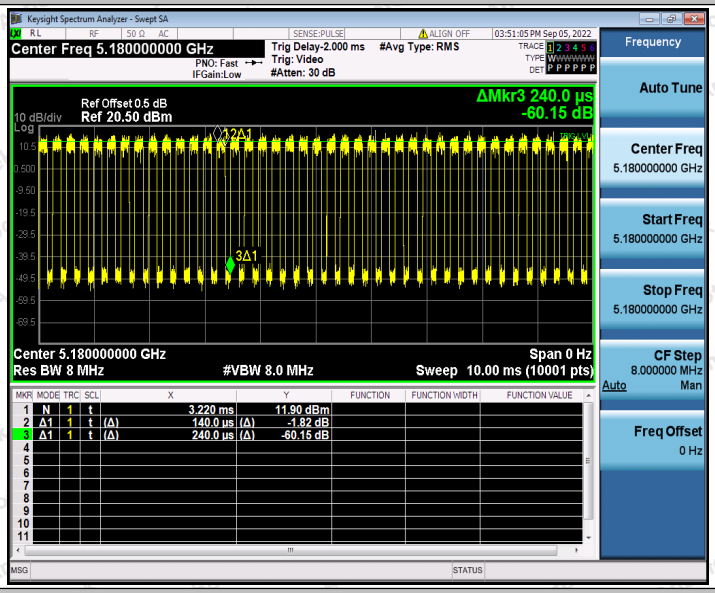

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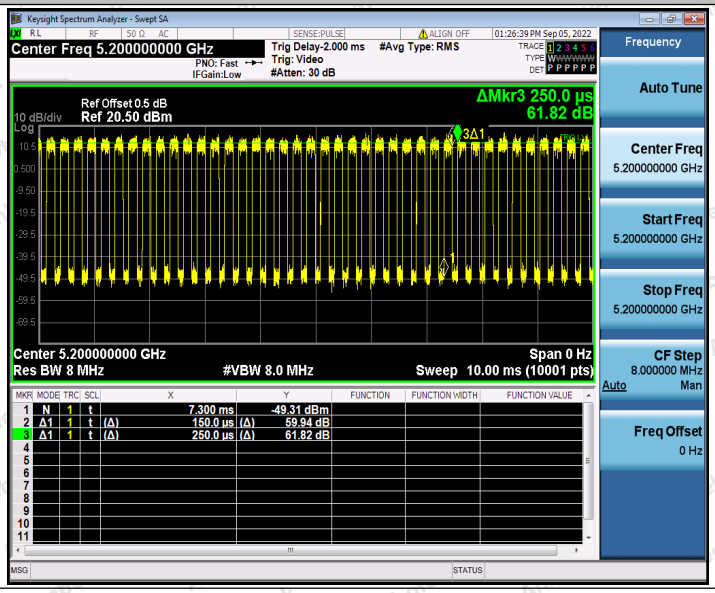

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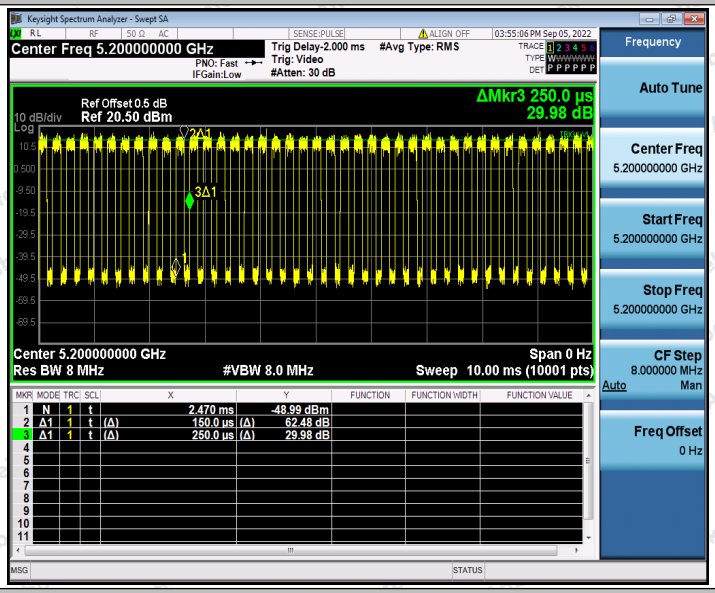

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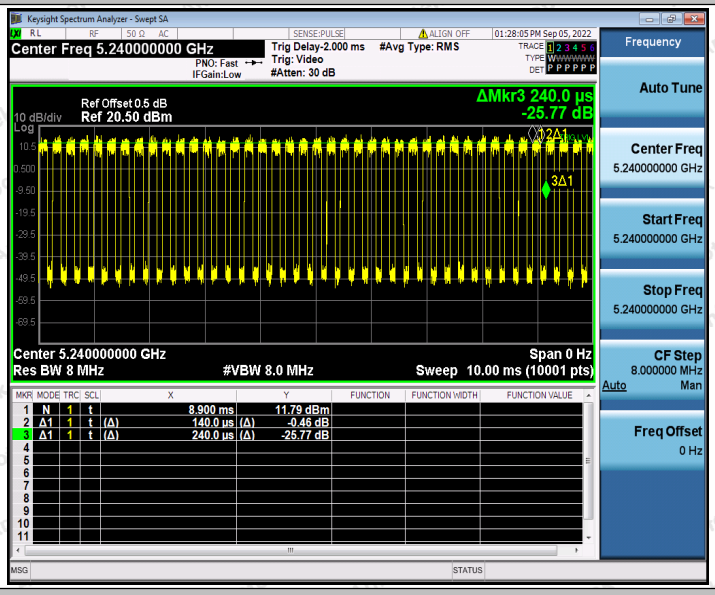

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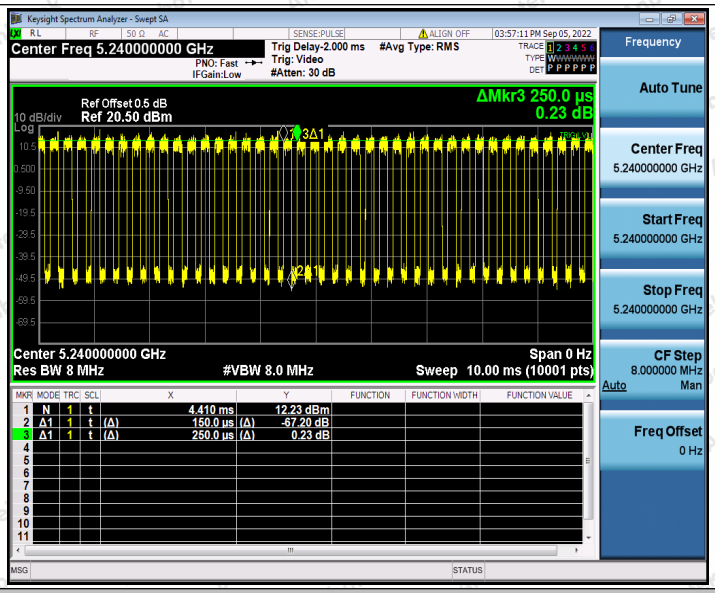

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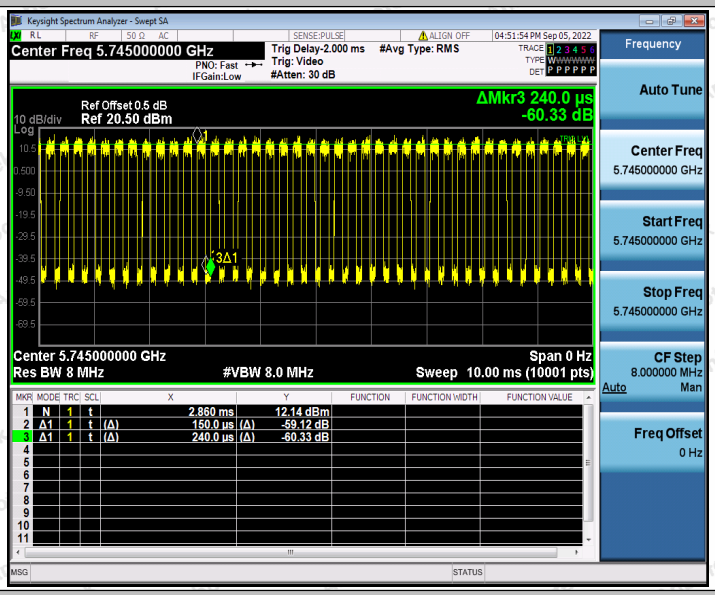

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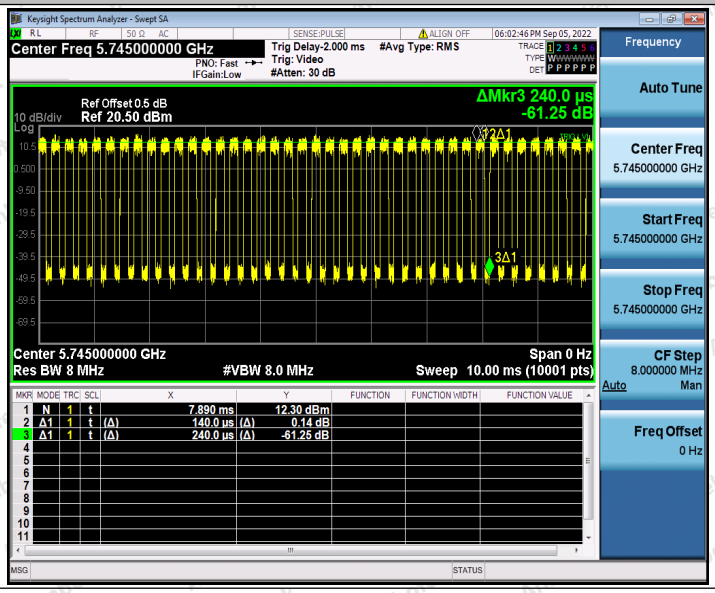

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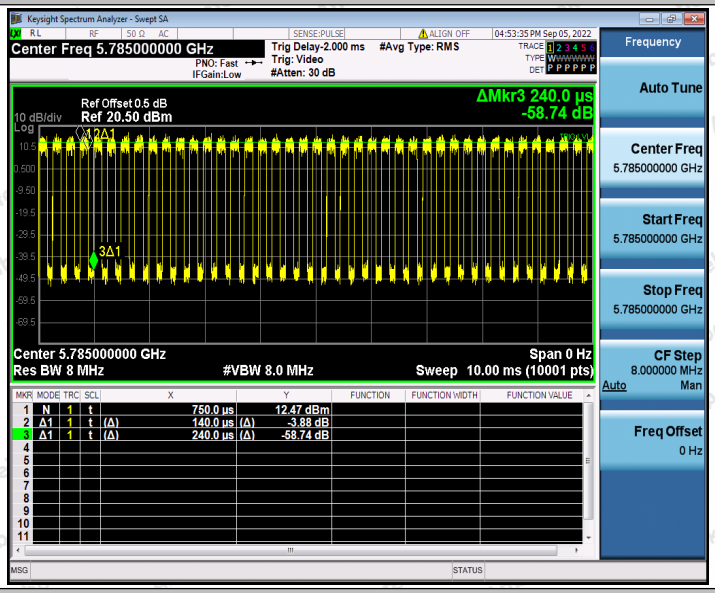

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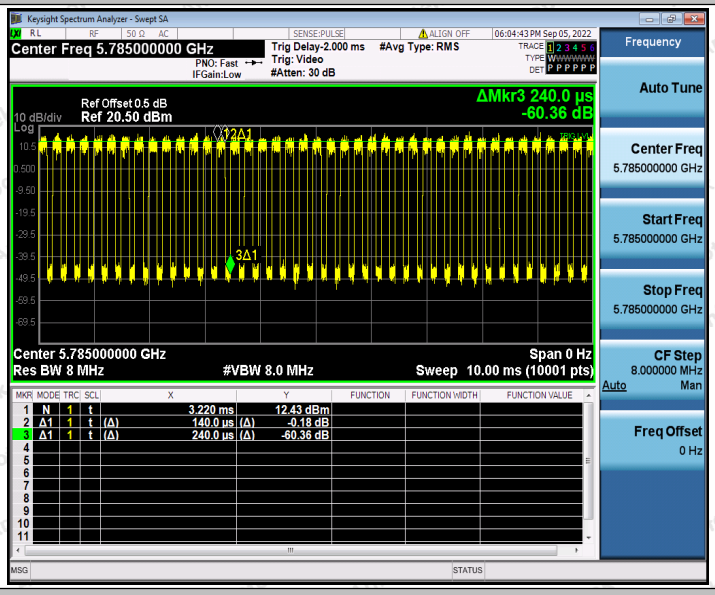

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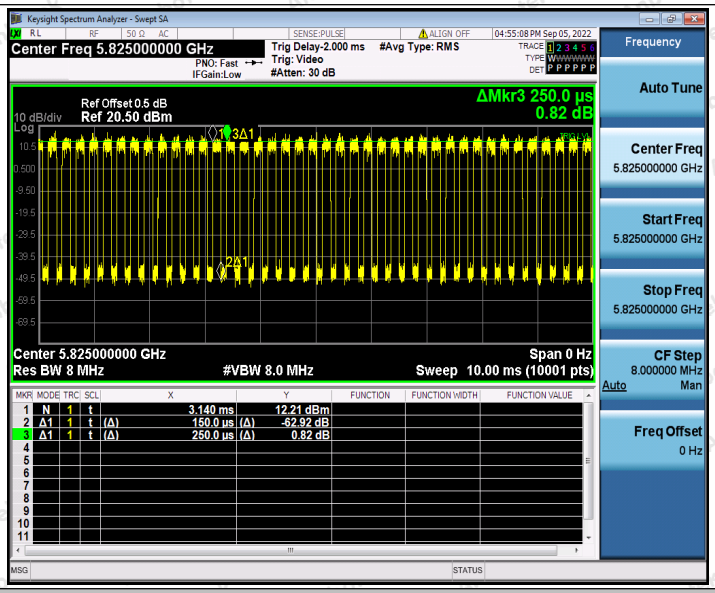

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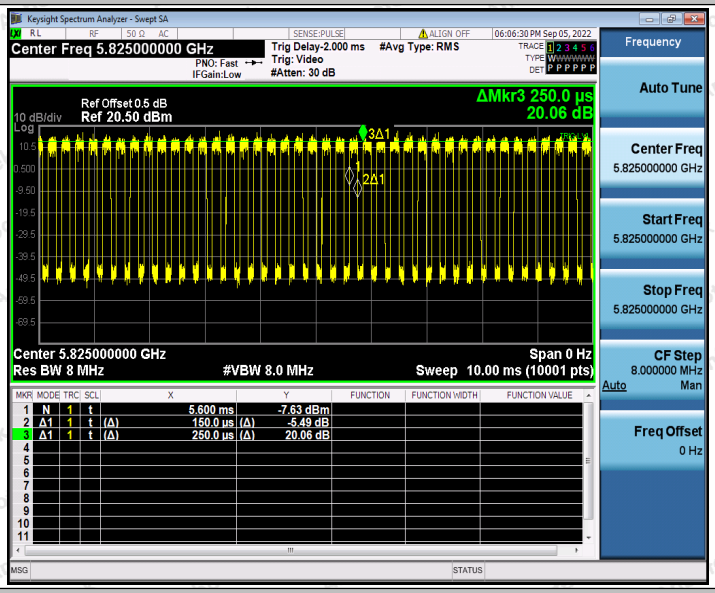

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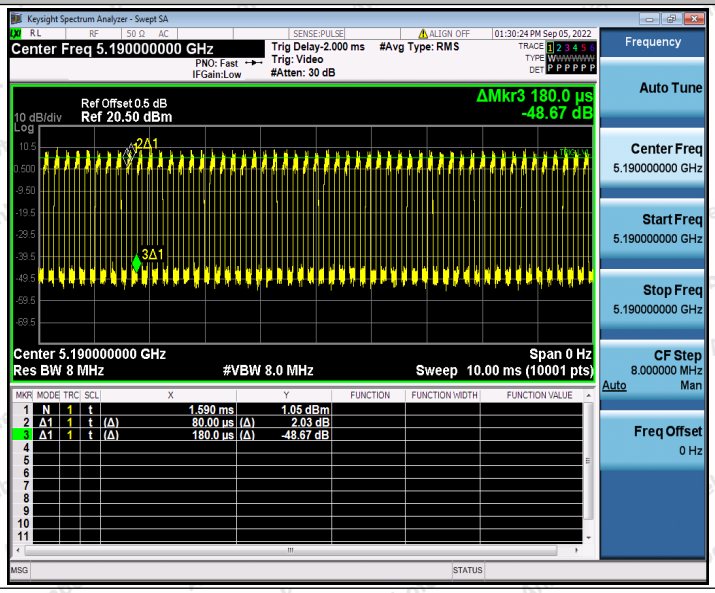

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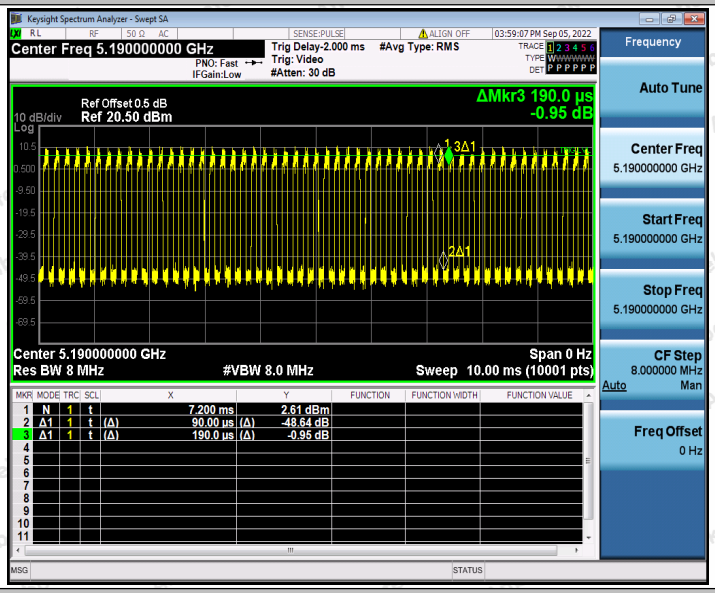

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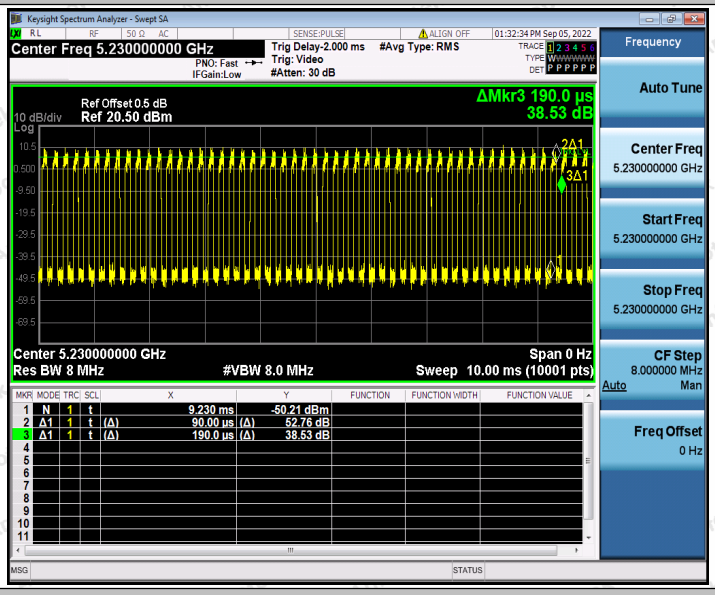

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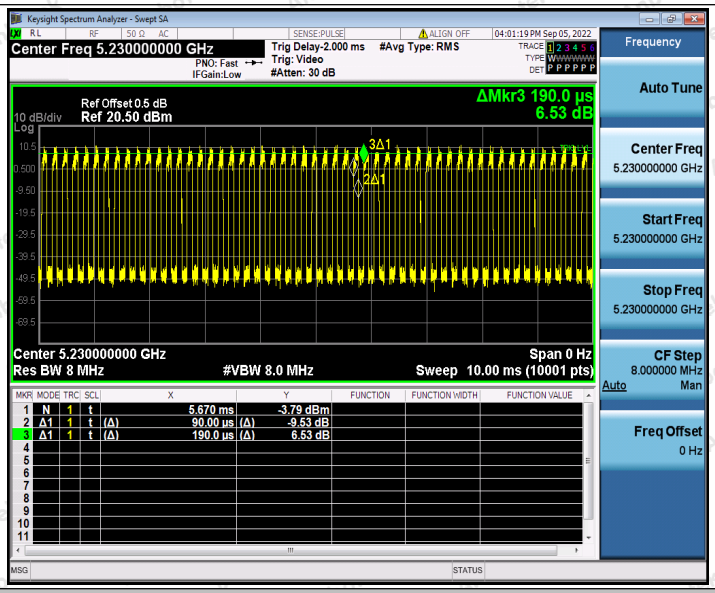

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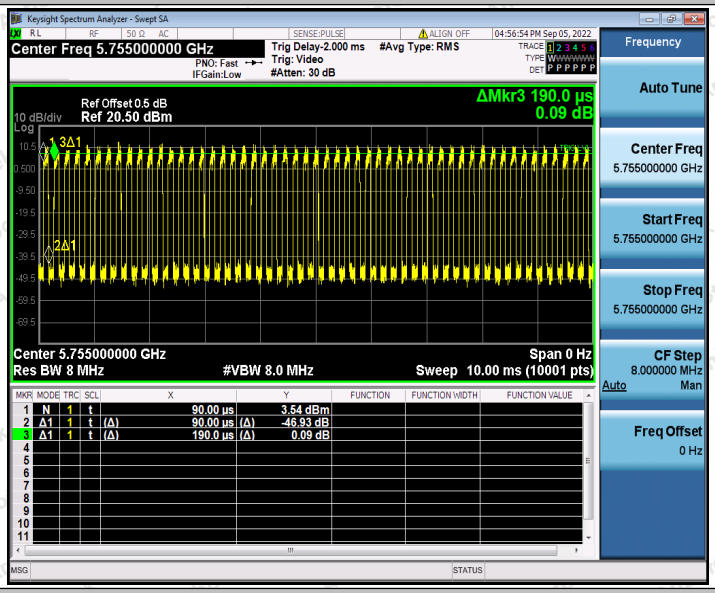

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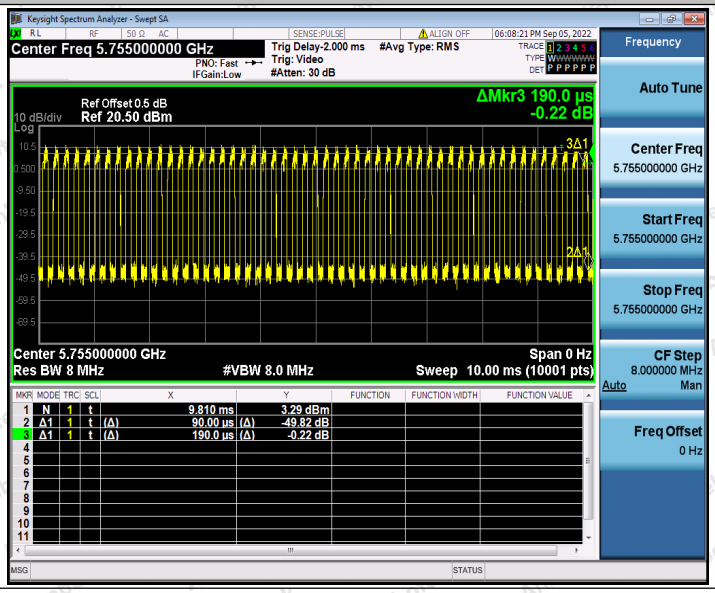

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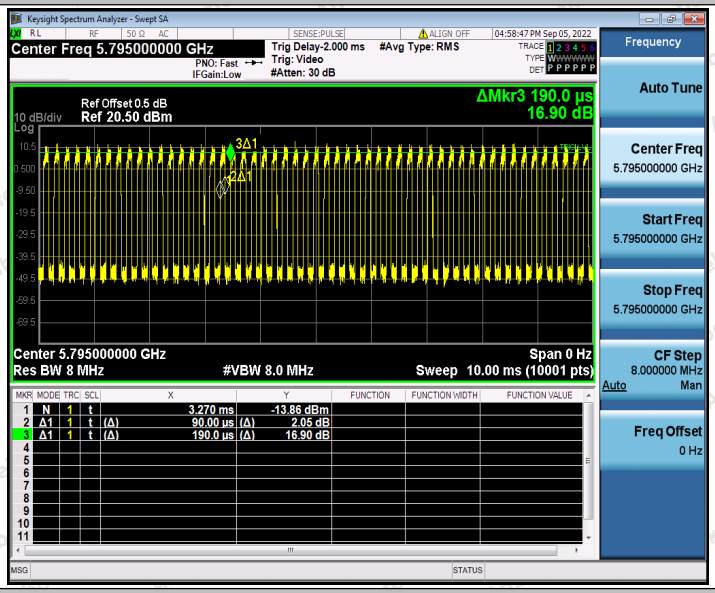

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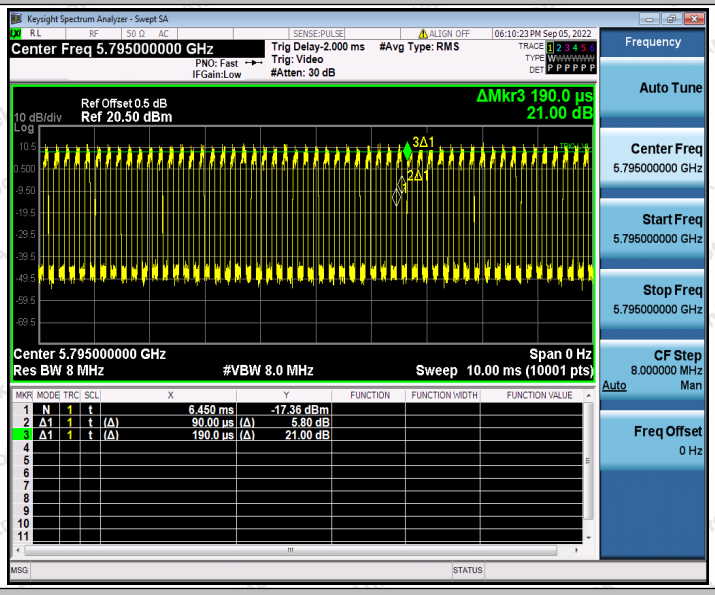

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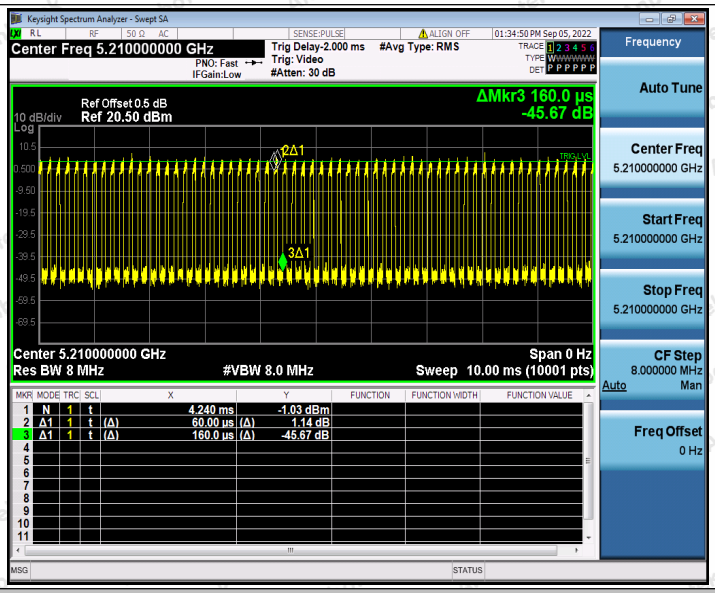

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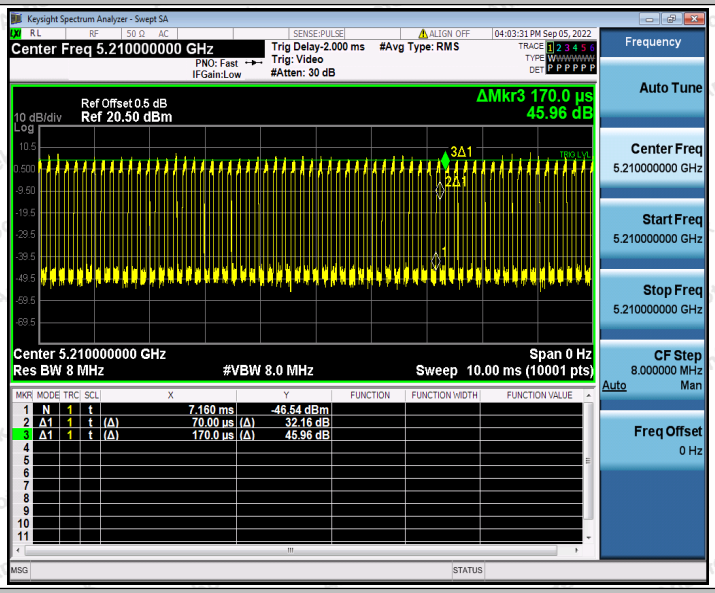

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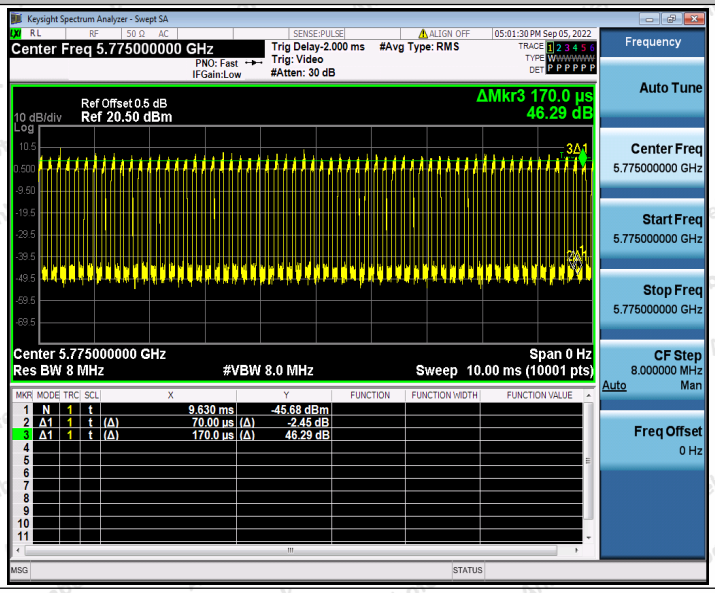

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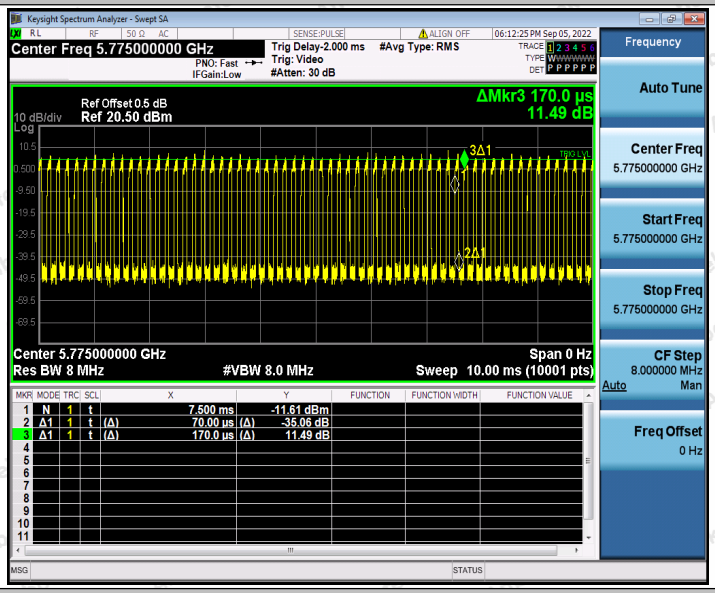

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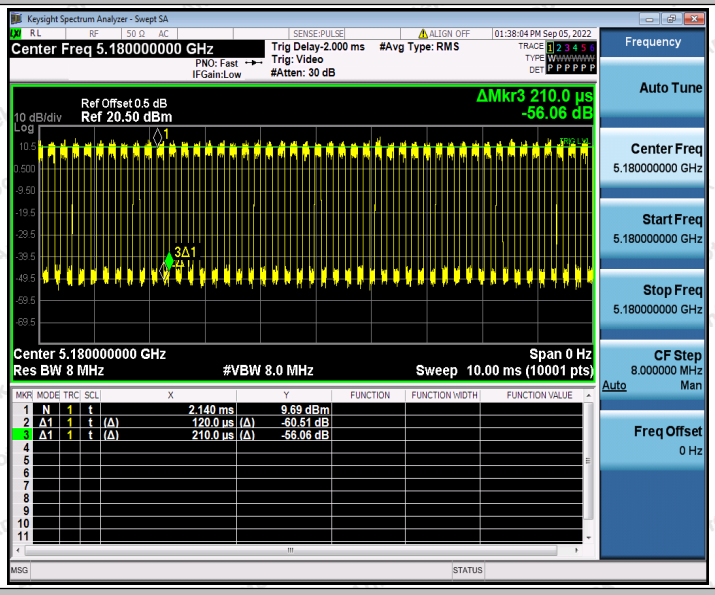

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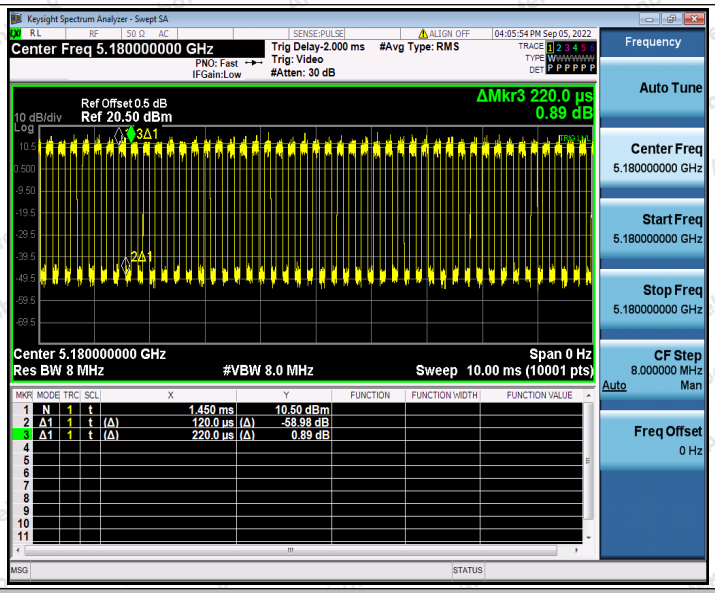

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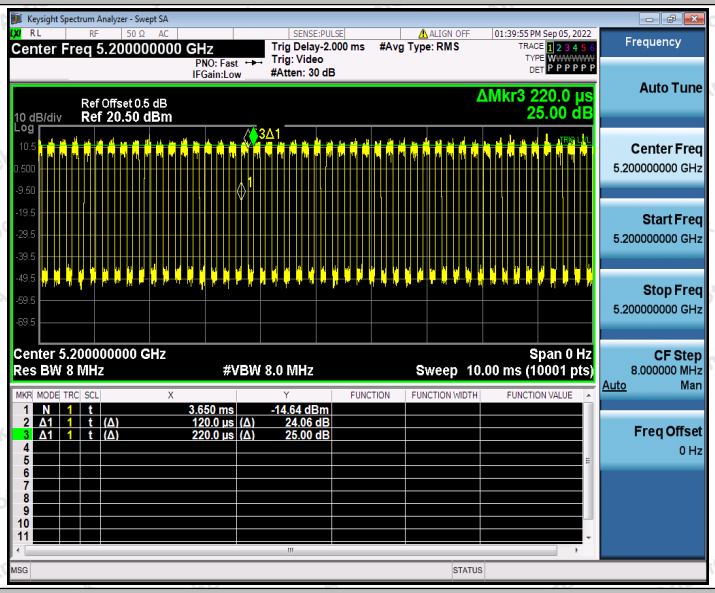

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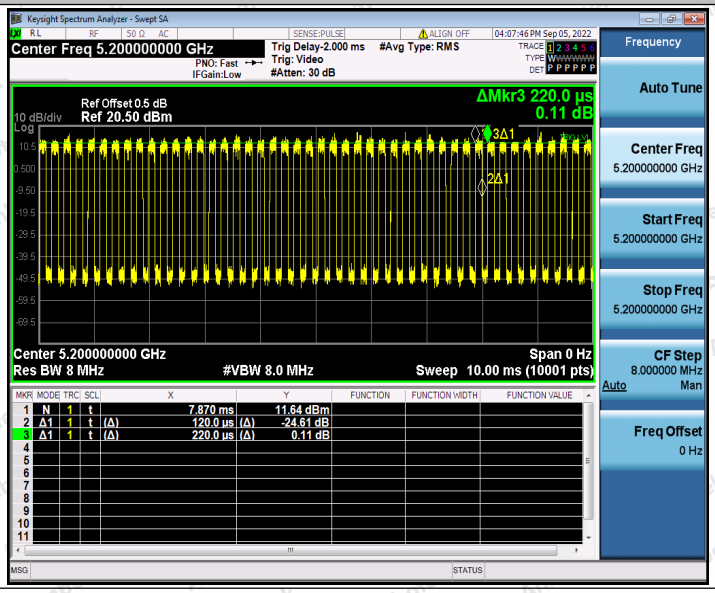

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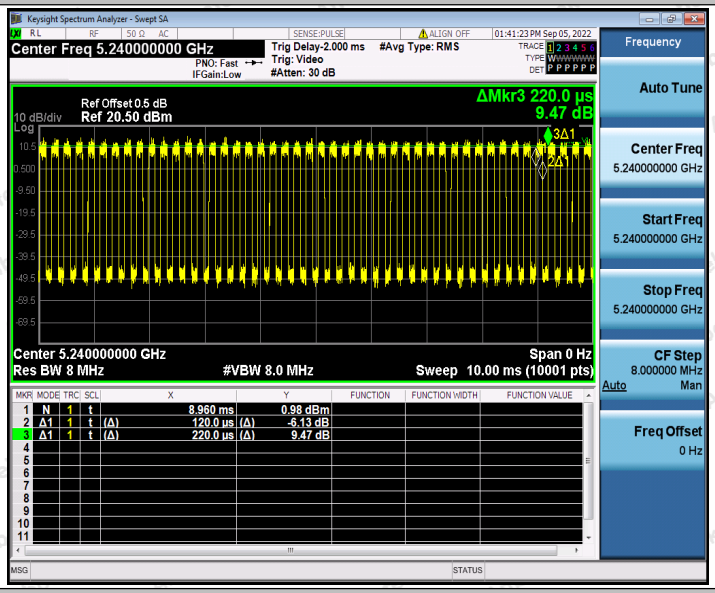

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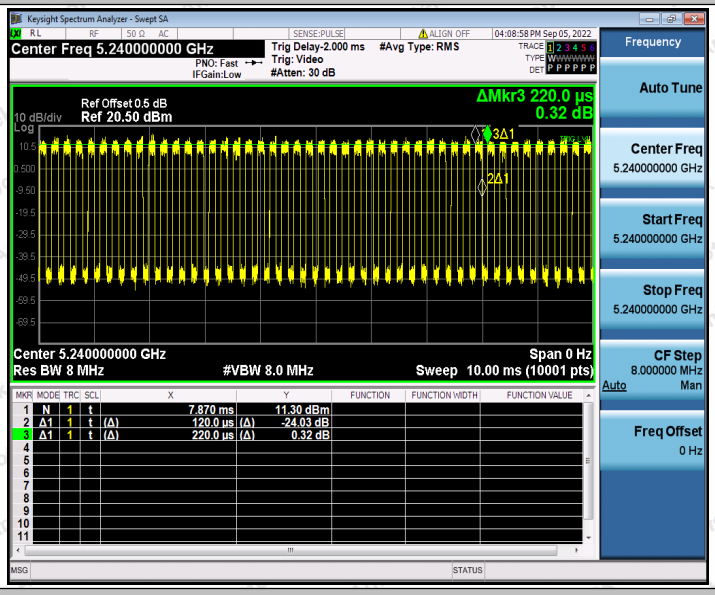

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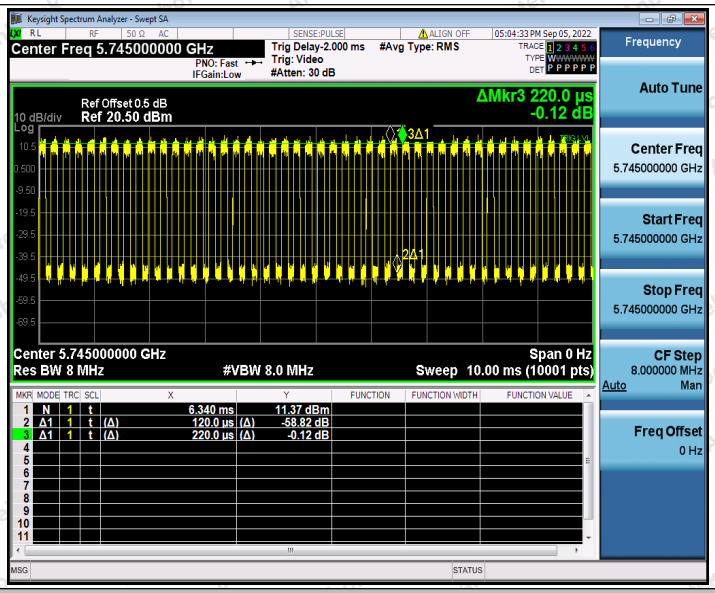

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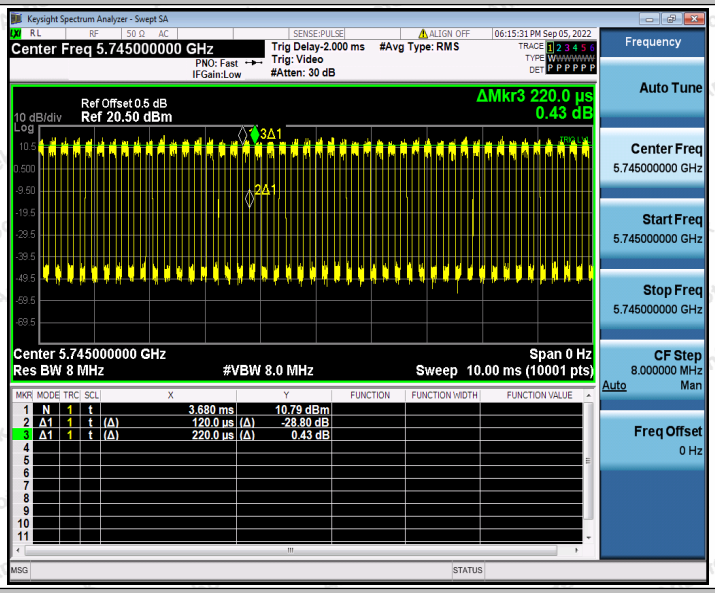

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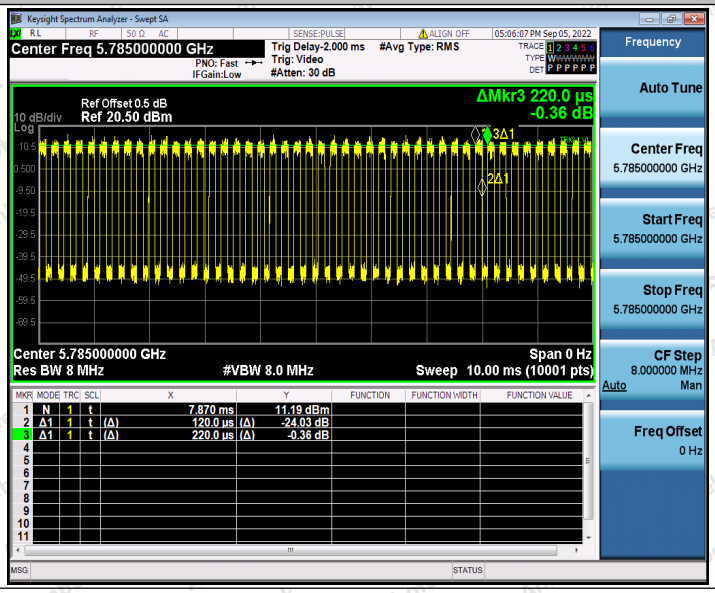

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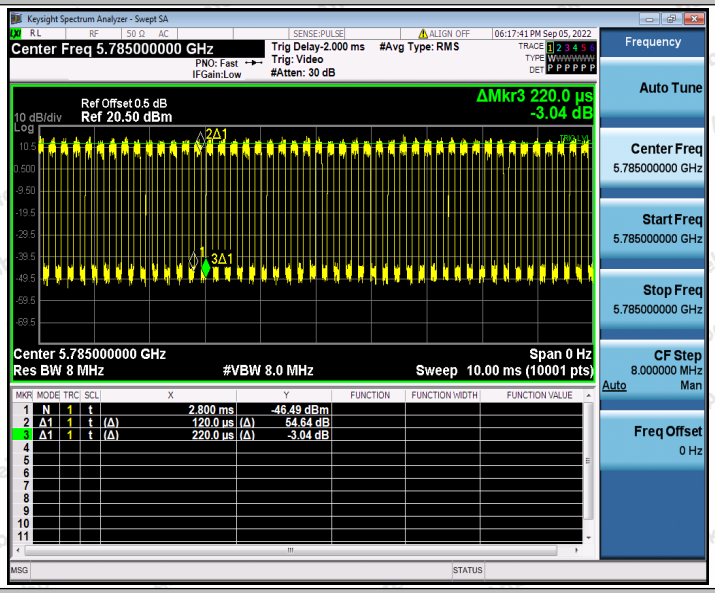

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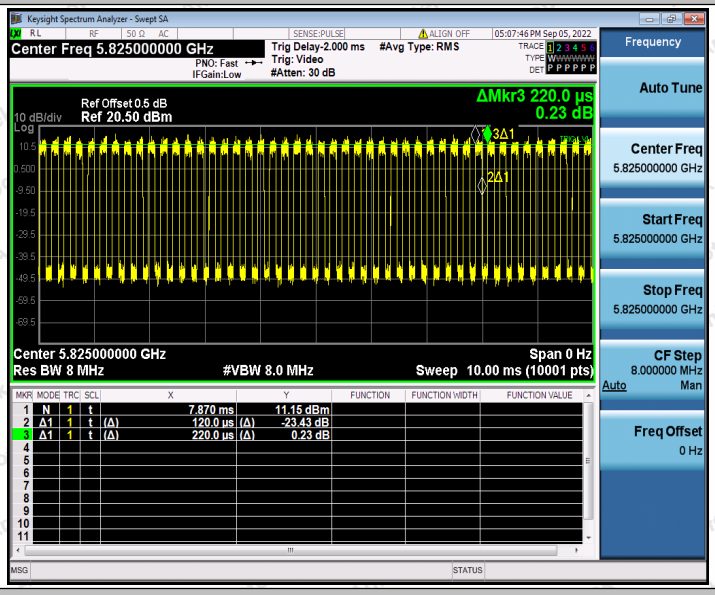

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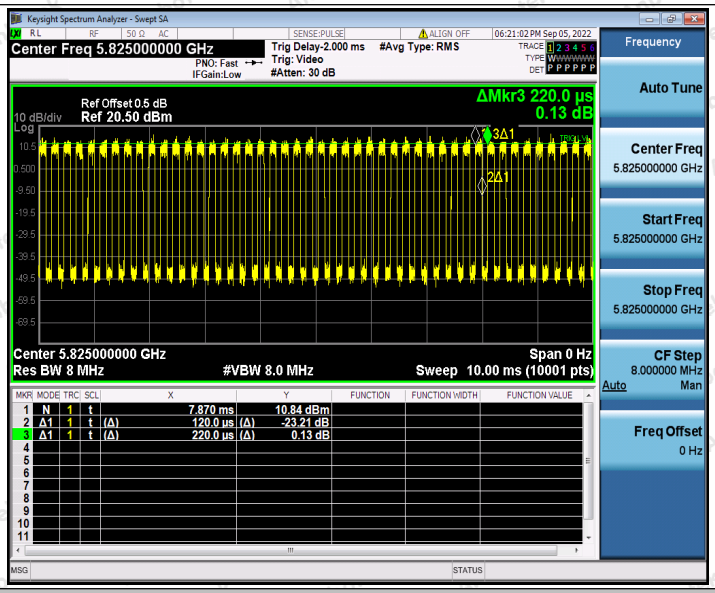

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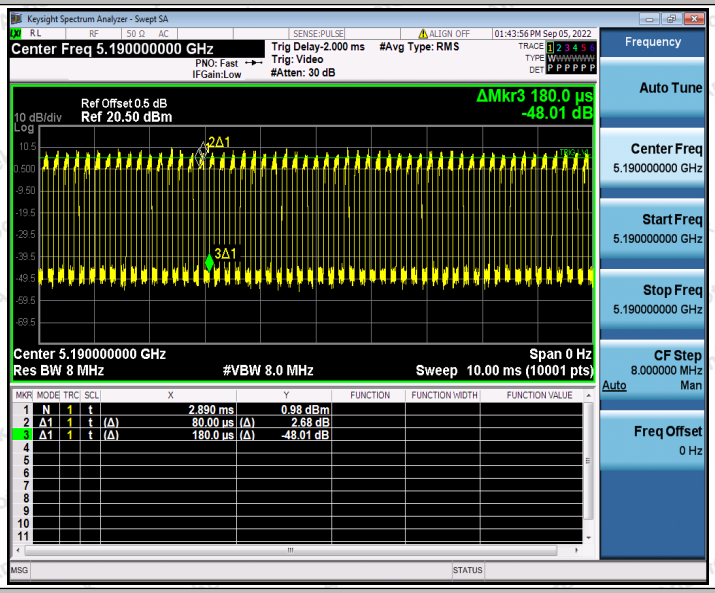

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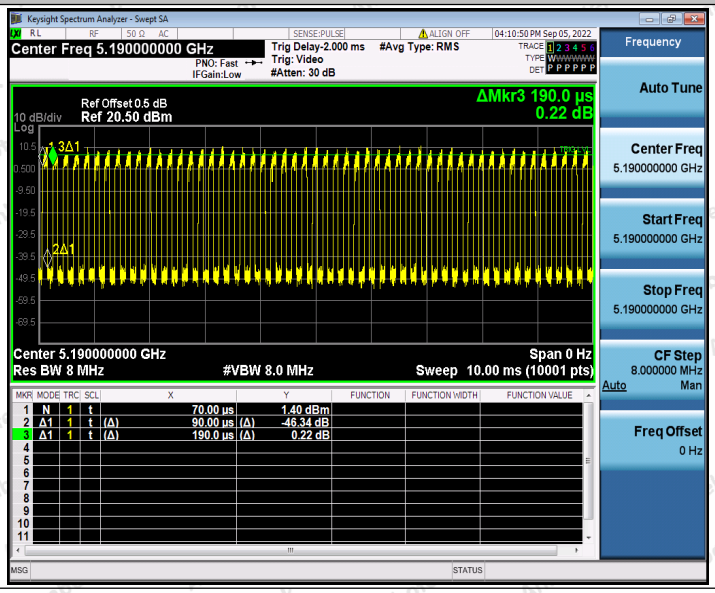

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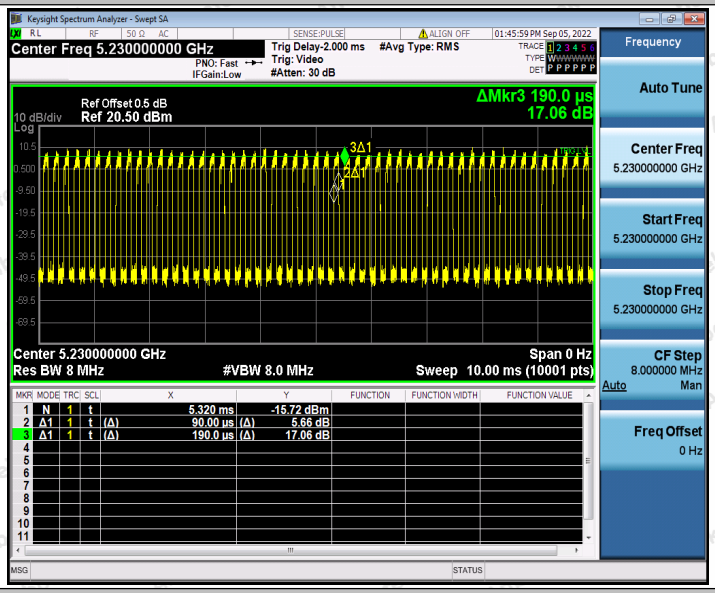

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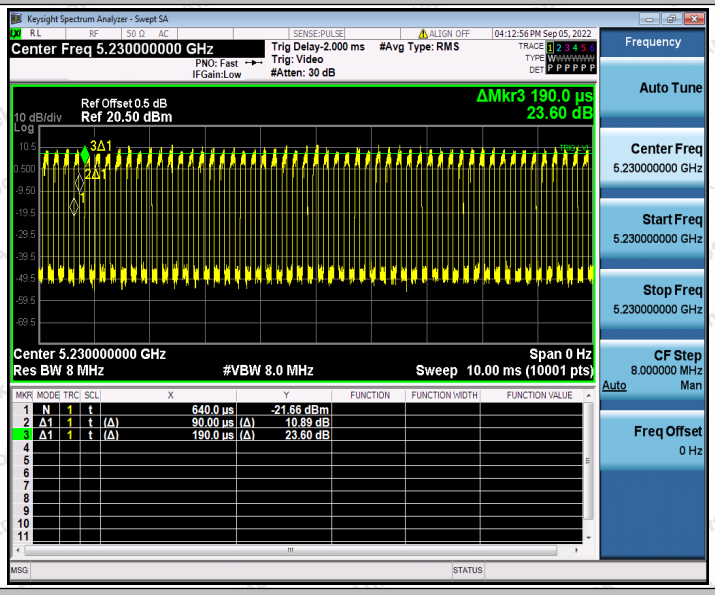

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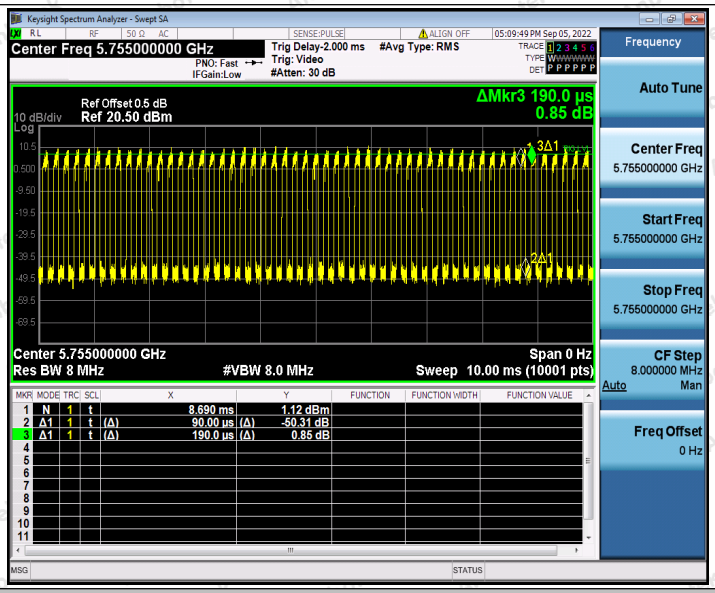

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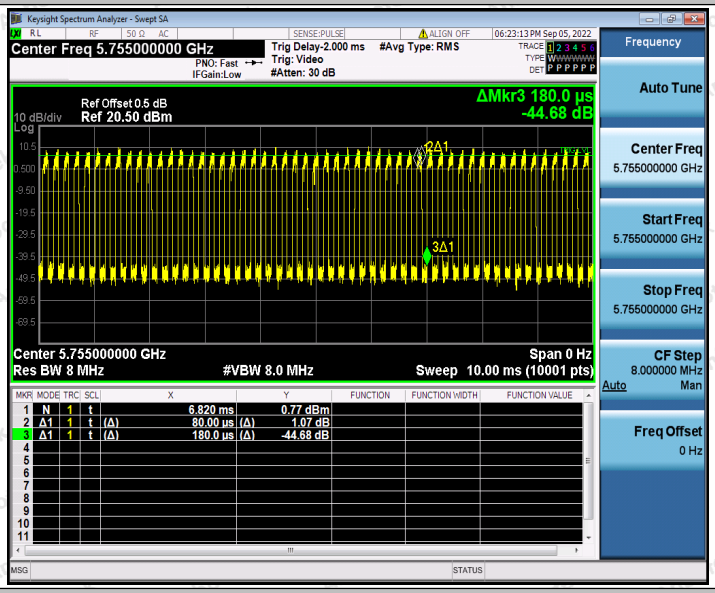

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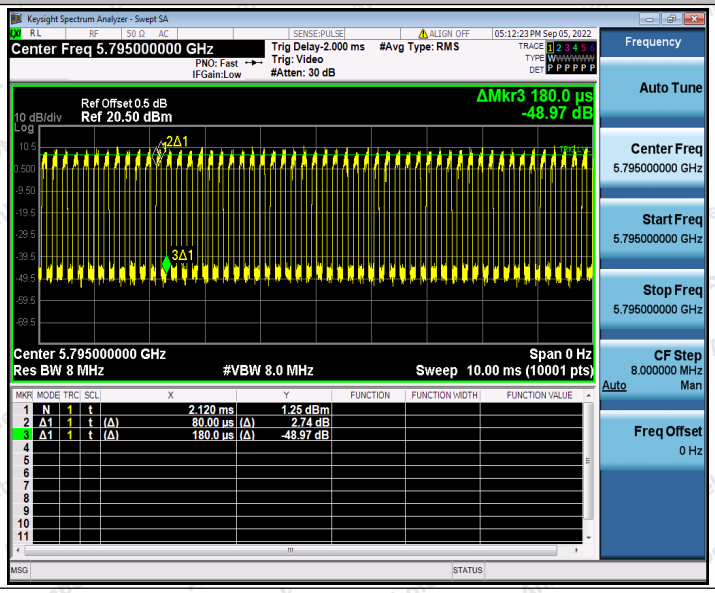

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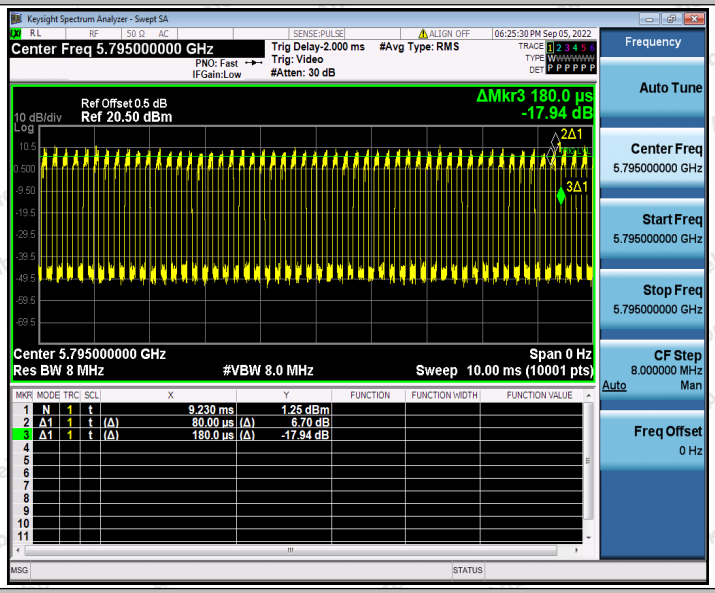

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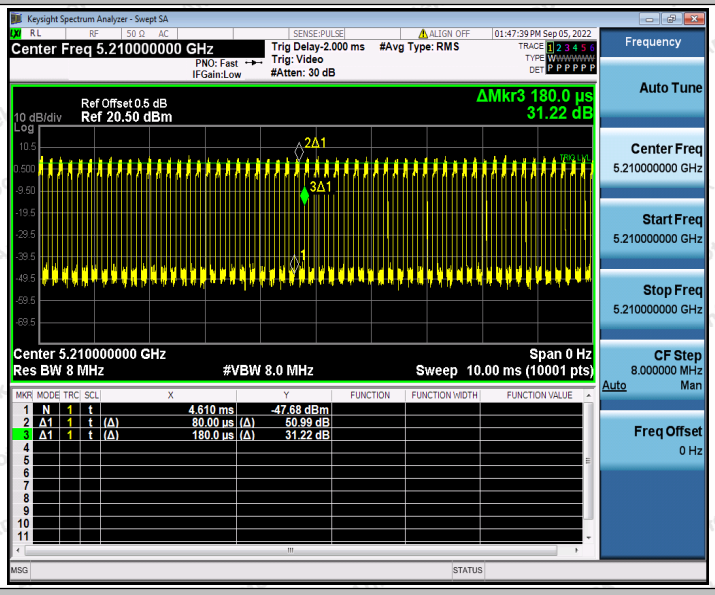

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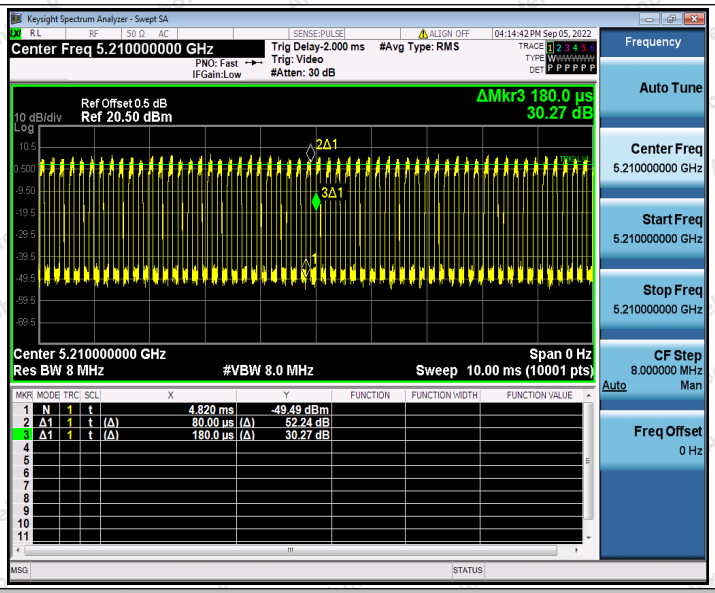

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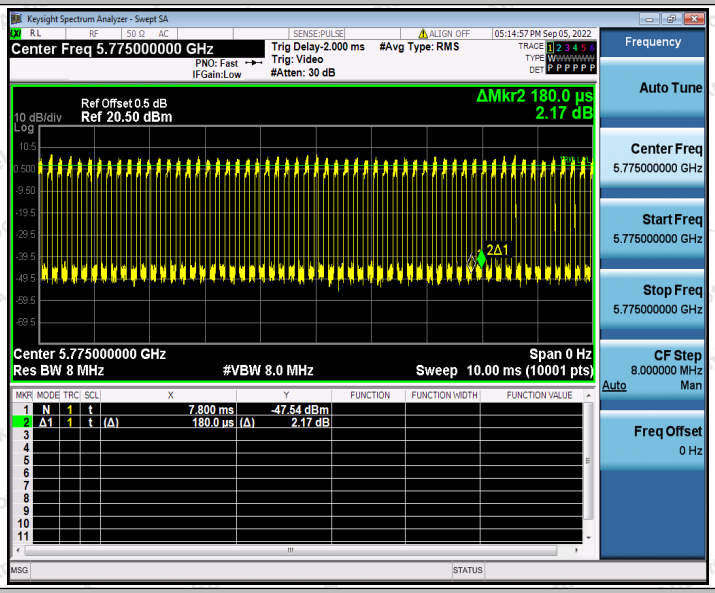

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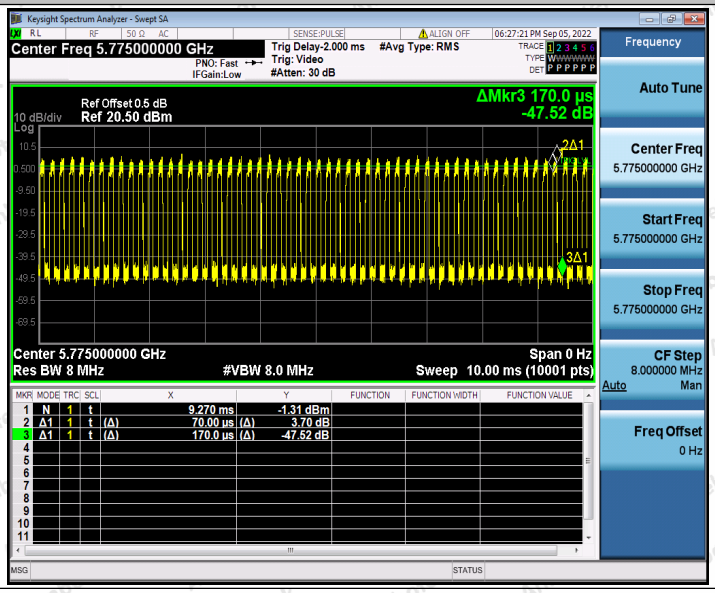

Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	18.34	64.29	1.92	20.26	≤23.98	PASS
	Ant2	5180	19.25	64.29	1.92	21.17	≤23.98	PASS
	Ant1	5200	18.86	64.29	1.92	20.78	≤23.98	PASS
	Ant2	5200	19.77	62.96	2.01	21.78	≤23.98	PASS
	Ant1	5240	18.44	62.96	2.01	20.45	≤23.98	PASS
	Ant2	5240	19.27	62.96	2.01	21.28	≤23.98	PASS
11N20SISO	Ant1	5180	15.34	61.54	2.11	17.45	≤23.98	PASS
	Ant2	5180	16.3	61.54	2.11	18.41	≤23.98	PASS
	Ant1	5200	15.93	61.54	2.11	18.04	≤23.98	PASS
	Ant2	5200	16.86	62.96	2.01	18.87	≤23.98	PASS
	Ant1	5240	15.48	62.96	2.01	17.49	≤23.98	PASS
	Ant2	5240	16.27	61.54	2.11	18.38	≤23.98	PASS
11N40SISO	Ant1	5190	15.82	50.00	3.01	18.83	≤23.98	PASS
	Ant2	5190	16.62	50.00	3.01	19.63	≤23.98	PASS
	Ant1	5230	16.09	50.00	3.01	19.1	≤23.98	PASS
	Ant2	5230	16.67	50.00	3.01	19.68	≤23.98	PASS
11AC20SISO	Ant1	5180	13.4	58.33	2.34	15.74	≤23.98	PASS
	Ant2	5180	14.32	58.33	2.34	16.66	≤23.98	PASS
	Ant1	5200	13.9	60.00	2.22	16.12	≤23.98	PASS
	Ant2	5200	14.89	60.00	2.22	17.11	≤23.98	PASS
	Ant1	5240	13.6	58.33	2.34	15.94	≤23.98	PASS
	Ant2	5240	14.37	60.00	2.22	16.59	≤23.98	PASS
11AC40SISO	Ant1	5190	12.47	44.44	3.52	15.99	≤23.98	PASS
	Ant2	5190	13.65	47.37	3.24	16.89	≤23.98	PASS
	Ant1	5230	12.83	47.37	3.24	16.07	≤23.98	PASS
	Ant2	5230	13.61	47.37	3.24	16.85	≤23.98	PASS
11AC80SISO	Ant1	5210	12.40	37.50	4.26	16.66	≤23.98	PASS
	Ant2	5210	13.31	41.18	3.85	17.16	≤23.98	PASS
11AX20SISO	Ant1	5180	14.52	57.14	2.43	16.95	≤23.98	PASS
	Ant2	5180	15.53	54.55	2.63	18.16	≤23.98	PASS
	Ant1	5200	15.19	54.55	2.63	17.82	≤23.98	PASS
	Ant2	5200	16.24	54.55	2.63	18.87	≤23.98	PASS
	Ant1	5240	14.85	54.55	2.63	17.48	≤23.98	PASS
	Ant2	5240	15.61	54.55	2.63	18.24	≤23.98	PASS
11AX40SISO	Ant1	5190	12.67	44.44	3.52	16.19	≤23.98	PASS
	Ant2	5190	13.51	47.37	3.24	16.75	≤23.98	PASS

	Ant1	5230	12.87	47.37	3.24	16.11	≤23.98	PASS
	Ant2	5230	13.64	47.37	3.24	16.88	≤23.98	PASS
11AX80SISO	Ant1	5210	12.43	44.44	3.52	15.95	≤23.98	PASS
	Ant2	5210	13.37	44.44	3.52	16.89	≤23.98	PASS

MIMO:

Test Condition	TestMode	Channel	Result[dBm]	Limit[dBm]	Verdict
NTNV	11N20MIMO	5180	20.967	≤23.98	PASS
		5200	21.485	≤23.98	PASS
		5240	20.968	≤23.98	PASS
	11N40MIMO	5190	22.259	≤23.98	PASS
		5230	22.410	≤23.98	PASS
	11AC20 MIMO	5180	19.235	≤23.98	PASS
		5200	19.653	≤23.98	PASS
		5240	19.287	≤23.98	PASS
	11AC40 MIMO	5190	19.474	≤23.98	PASS
		5230	19.488	≤23.98	PASS
	11AC80 MIMO	5210	19.927	≤23.98	PASS
	11AX20 MIMO	5180	20.607	≤23.98	PASS
		5200	21.387	≤23.98	PASS
		5240	20.887	≤23.98	PASS
	11AX40 MIMO	5190	19.489	≤23.98	PASS
		5230	19.522	≤23.98	PASS
	11AX80 MIMO	5210	19.456	≤23.98	PASS

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	18.86	62.96	2.01	20.87	≤30.00	PASS
	Ant2	5745	19.20	64.29	1.92	21.12	≤30.00	PASS
	Ant1	5785	19.07	64.29	1.92	20.99	≤30.00	PASS
	Ant2	5785	19.16	64.29	1.92	21.08	≤30.00	PASS
	Ant1	5825	18.87	64.29	1.92	20.79	≤30.00	PASS
	Ant2	5825	19.22	64.29	1.92	21.14	≤30.00	PASS
11N20SISO	Ant1	5745	18.19	61.54	2.11	20.30	≤30.00	PASS
	Ant2	5745	18.33	65.38	1.85	20.18	≤30.00	PASS
	Ant1	5785	18.33	61.54	2.11	20.44	≤30.00	PASS
	Ant2	5785	18.44	61.54	2.11	20.55	≤30.00	PASS
	Ant1	5825	18.22	61.54	2.11	20.33	≤30.00	PASS
	Ant2	5825	18.32	62.96	2.01	20.33	≤30.00	PASS
11N40SISO	Ant1	5755	19.04	50.00	3.01	22.05	≤30.00	PASS
	Ant2	5755	19.16	52.63	2.79	21.95	≤30.00	PASS
	Ant1	5795	18.90	50.00	3.01	21.91	≤30.00	PASS
	Ant2	5795	19.17	50.00	3.01	22.18	≤30.00	PASS
11AC20SISO	Ant1	5745	15.42	62.50	2.04	17.46	≤30.00	PASS
	Ant2	5745	15.52	58.33	2.34	17.86	≤30.00	PASS
	Ant1	5785	15.56	58.33	2.34	17.90	≤30.00	PASS
	Ant2	5785	15.64	58.33	2.34	17.98	≤30.00	PASS
	Ant1	5825	15.54	60.00	2.22	17.76	≤30.00	PASS
	Ant2	5825	15.63	60.00	2.22	17.85	≤30.00	PASS
11AC40SISO	Ant1	5755	14.49	47.37	3.24	17.73	≤30.00	PASS
	Ant2	5755	14.27	47.37	3.24	17.51	≤30.00	PASS
	Ant1	5795	14.13	47.37	3.24	17.37	≤30.00	PASS
	Ant2	5795	14.19	47.37	3.24	17.43	≤30.00	PASS
11AC80SISO	Ant1	5775	14.17	41.18	3.85	18.02	≤30.00	PASS
	Ant2	5775	14.03	41.18	3.85	17.88	≤30.00	PASS
11AX20SISO	Ant1	5745	15.33	54.55	2.63	17.96	≤30.00	PASS
	Ant2	5745	14.86	54.55	2.63	17.49	≤30.00	PASS
	Ant1	5785	14.99	54.55	2.63	17.62	≤30.00	PASS
	Ant2	5785	15.06	54.55	2.63	17.69	≤30.00	PASS
	Ant1	5825	15.13	54.55	2.63	17.76	≤30.00	PASS
	Ant2	5825	14.67	54.55	2.63	17.30	≤30.00	PASS
11AX40SISO	Ant1	5755	13.35	47.37	3.24	16.59	≤30.00	PASS
	Ant2	5755	12.92	44.44	3.52	16.44	≤30.00	PASS
	Ant1	5795	12.87	44.44	3.52	16.39	≤30.00	PASS
	Ant2	5795	12.87	44.44	3.52	16.39	≤30.00	PASS
11AX80SISO	Ant1	5775	12.94	44.44	3.52	16.46	≤30.00	PASS
	Ant2	5775	12.89	41.18	3.85	16.74	≤30.00	PASS

MIMO:

Test Condition	TestMode	Channel	Result[dBm]	Limit[dBm]	Verdict
NTNV	11N20MIMO	5745	23.251	≤30	PASS
		5785	23.506	≤30	PASS
		5825	23.340	≤30	PASS
	11N40MIMO	5755	25.011	≤30	PASS
		5795	25.057	≤30	PASS
	11AC20 MIMO	5745	20.675	≤30	PASS
		5785	20.950	≤30	PASS
		5825	20.816	≤30	PASS
	11AC40 MIMO	5755	20.632	≤30	PASS
		5795	20.410	≤30	PASS
	11AC80 MIMO	5775	20.961	≤30	PASS
	11AX20 MIMO	5745	20.742	≤30	PASS
		5785	20.665	≤30	PASS
		5825	20.546	≤30	PASS
	11AX40 MIMO	5755	19.526	≤30	PASS
		5795	19.400	≤30	PASS
	11AX80 MIMO	5775	19.613	≤30	PASS

Note：The Duty Cycle Factor is compensated in the graph.