11AC20SISO-Ant1-5825-PASS

11AC40SISO-Ant1-5755-PASS

11AC40SISO-Ant1-5795-PASS

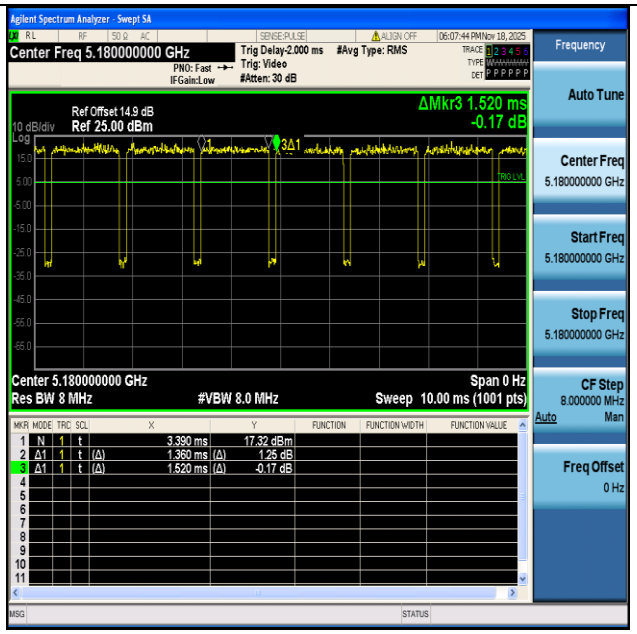
11AC80SISO-Ant1-5775-PASS

Duty Cycle
Test Result

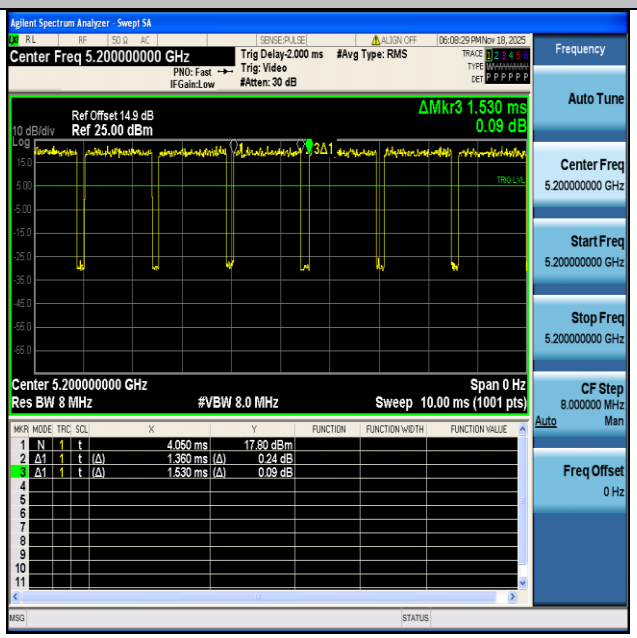
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.36	1.52	89.47
11A	Ant1	5200	1.36	1.53	88.89
11A	Ant1	5240	1.36	1.53	88.89
11A	Ant1	5260	1.36	1.52	89.47
11A	Ant1	5280	1.36	1.52	89.47
11A	Ant1	5320	1.36	1.53	88.89
11A	Ant1	5500	1.36	1.52	89.47
11A	Ant1	5580	1.36	1.52	89.47
11A	Ant1	5700	1.36	1.53	88.89
11A	Ant1	5745	1.36	1.52	89.47
11A	Ant1	5785	1.36	1.52	89.47
11A	Ant1	5825	1.36	1.52	89.47
11N20SISO	Ant1	5180	1.15	1.32	87.12
11N20SISO	Ant1	5200	1.15	1.31	87.79
11N20SISO	Ant1	5240	1.15	1.30	88.46
11N20SISO	Ant1	5260	1.14	1.29	88.37
11N20SISO	Ant1	5280	1.14	1.30	87.69
11N20SISO	Ant1	5320	1.14	1.30	87.69
11N20SISO	Ant1	5500	1.15	1.32	87.12
11N20SISO	Ant1	5580	1.15	1.32	87.12
11N20SISO	Ant1	5700	1.15	1.32	87.12
11N20SISO	Ant1	5745	1.15	1.32	87.12
11N20SISO	Ant1	5785	1.15	1.32	87.12
11N20SISO	Ant1	5825	1.15	1.32	87.12
11N40SISO	Ant1	5190	0.57	0.72	79.17
11N40SISO	Ant1	5230	0.57	0.72	79.17
11N40SISO	Ant1	5270	0.57	0.73	78.08
11N40SISO	Ant1	5310	0.57	0.72	79.17
11N40SISO	Ant1	5510	0.57	0.73	78.08
11N40SISO	Ant1	5590	0.57	0.73	78.08
11N40SISO	Ant1	5670	0.57	0.73	78.08
11N40SISO	Ant1	5755	0.57	0.73	78.08
11N40SISO	Ant1	5795	0.57	0.73	78.08
11AC20SISO	Ant1	5180	1.15	1.30	88.46
11AC20SISO	Ant1	5200	1.15	1.31	87.79
11AC20SISO	Ant1	5240	1.15	1.31	87.79
11AC20SISO	Ant1	5260	1.16	1.31	88.55
11AC20SISO	Ant1	5280	1.15	1.31	87.79
11AC20SISO	Ant1	5320	1.15	1.31	87.79
11AC20SISO	Ant1	5500	1.15	1.30	88.46
11AC20SISO	Ant1	5580	1.15	1.31	87.79
11AC20SISO	Ant1	5700	1.16	1.31	88.55
11AC20SISO	Ant1	5745	1.15	1.32	87.12
11AC20SISO	Ant1	5785	1.15	1.31	87.79
11AC20SISO	Ant1	5825	1.16	1.31	88.55
11AC40SISO	Ant1	5190	0.58	0.74	78.38
11AC40SISO	Ant1	5230	0.58	0.73	79.45

11AC40SISO	Ant1	5270	0.58	0.76	76.32
11AC40SISO	Ant1	5310	0.58	0.74	78.38
11AC40SISO	Ant1	5510	0.58	0.74	78.38
11AC40SISO	Ant1	5590	0.58	0.74	78.38
11AC40SISO	Ant1	5670	0.58	0.73	79.45
11AC40SISO	Ant1	5755	0.58	0.74	78.38
11AC40SISO	Ant1	5795	0.58	0.73	79.45
11AC80SISO	Ant1	5210	0.28	0.44	63.64
11AC80SISO	Ant1	5290	0.29	0.45	64.44
11AC80SISO	Ant1	5530	0.28	0.44	63.64
11AC80SISO	Ant1	5610	0.29	0.45	64.44
11AC80SISO	Ant1	5775	0.28	0.43	65.12

Test Graphs



NTNV-11A-Ant1-5180



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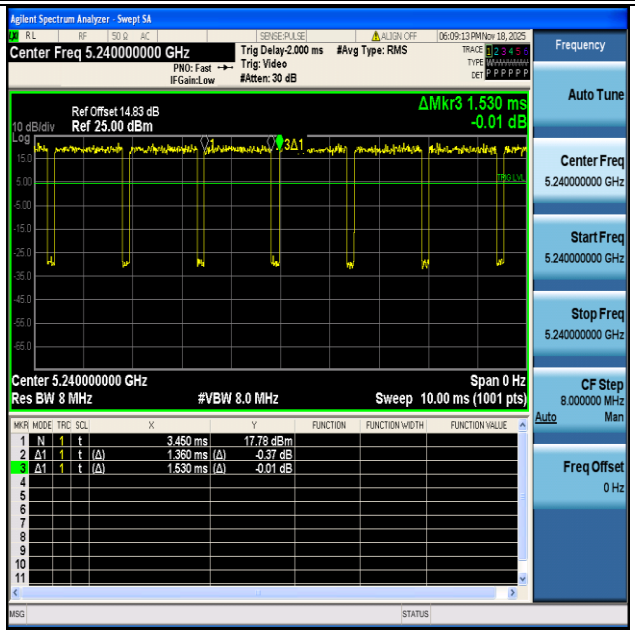

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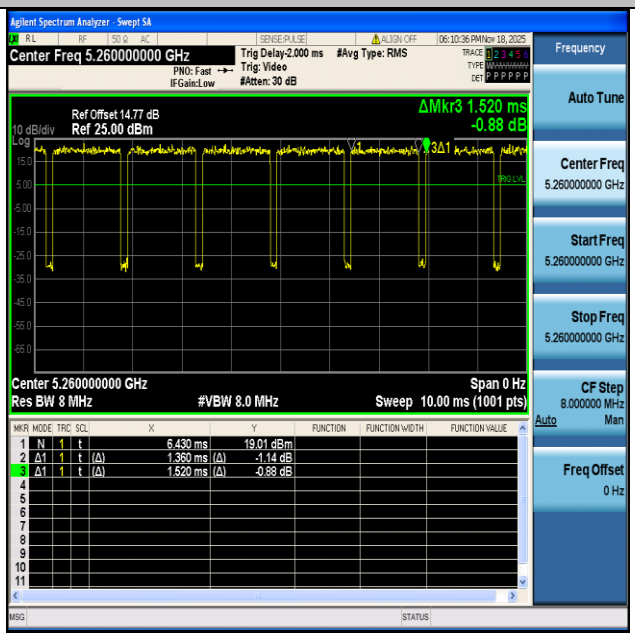

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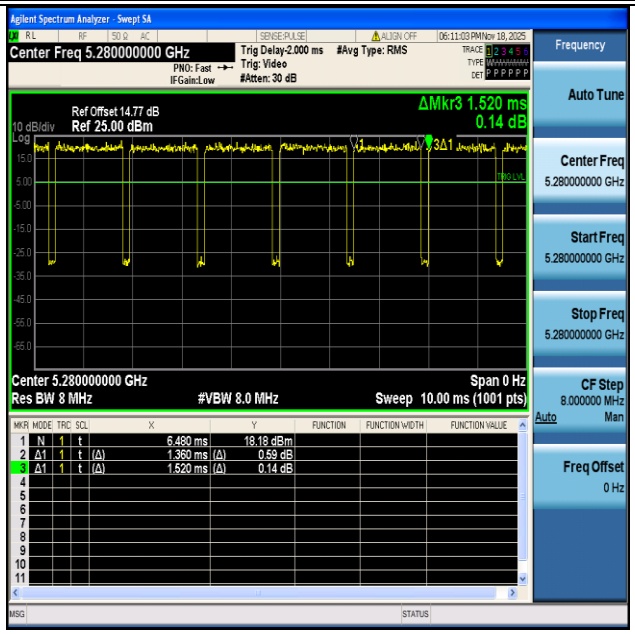

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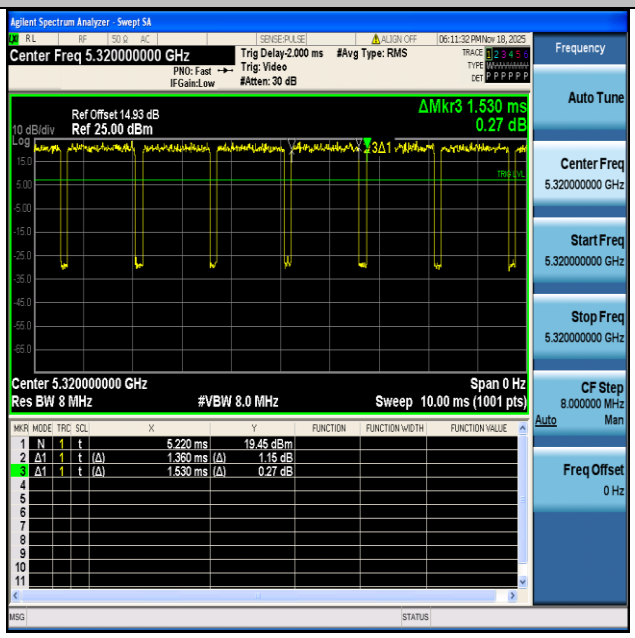

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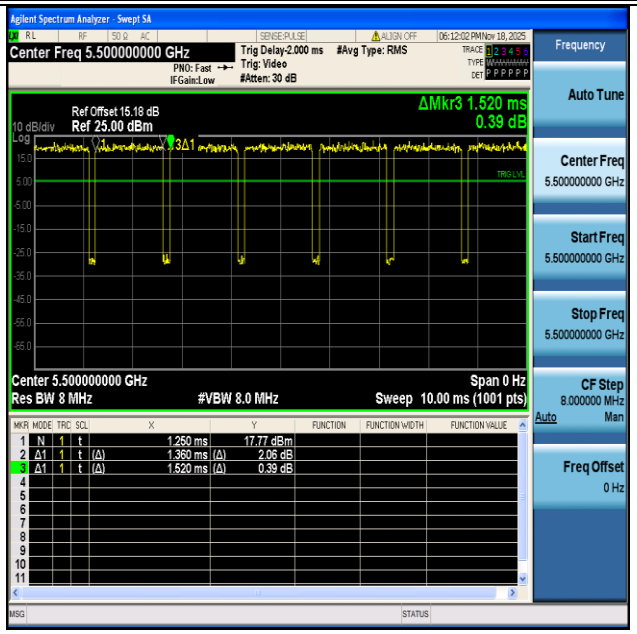

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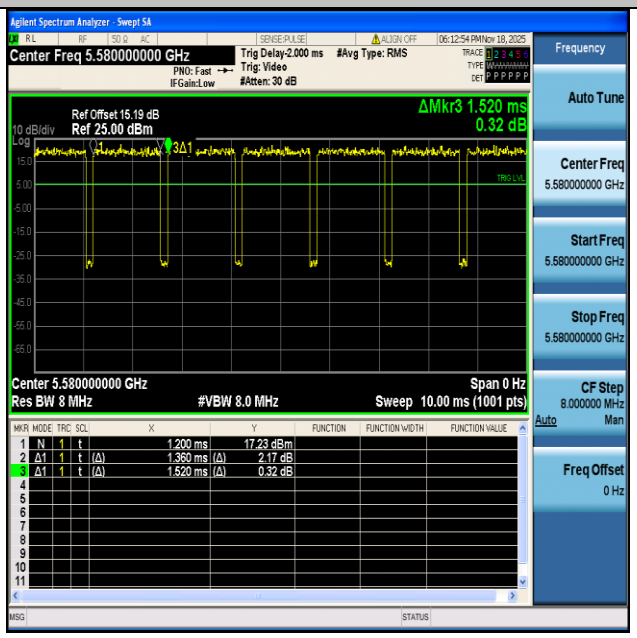

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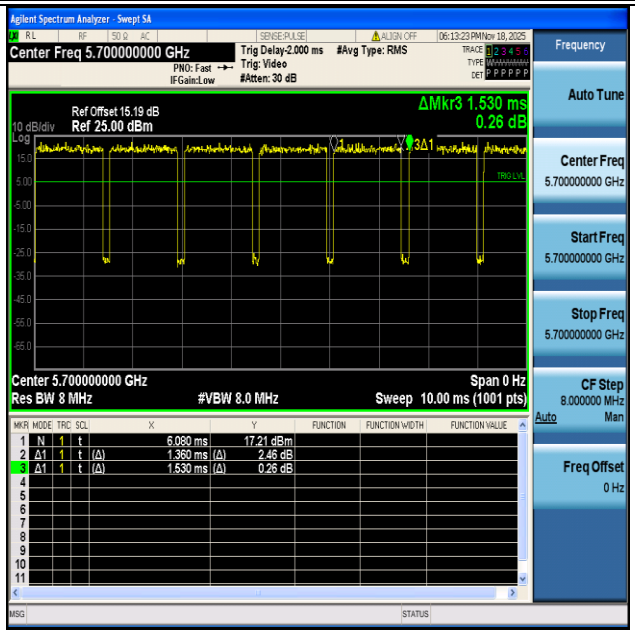

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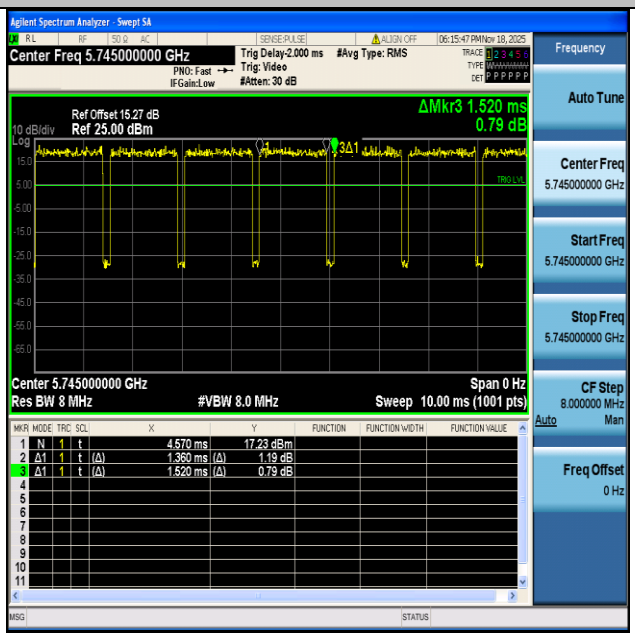

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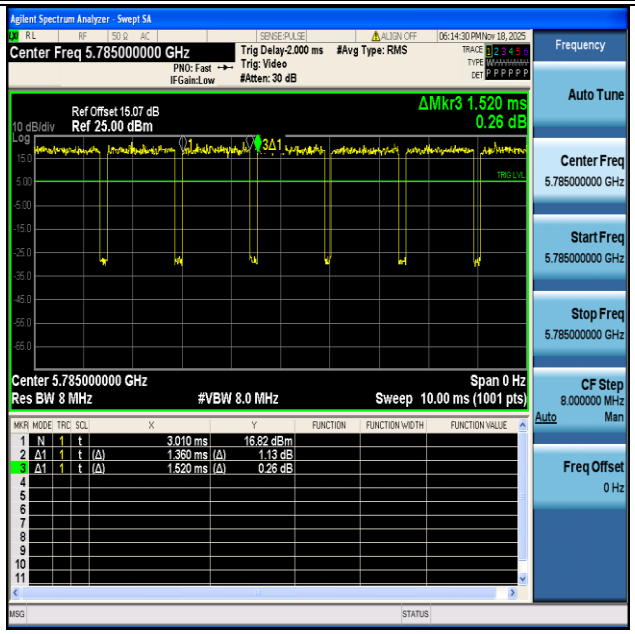

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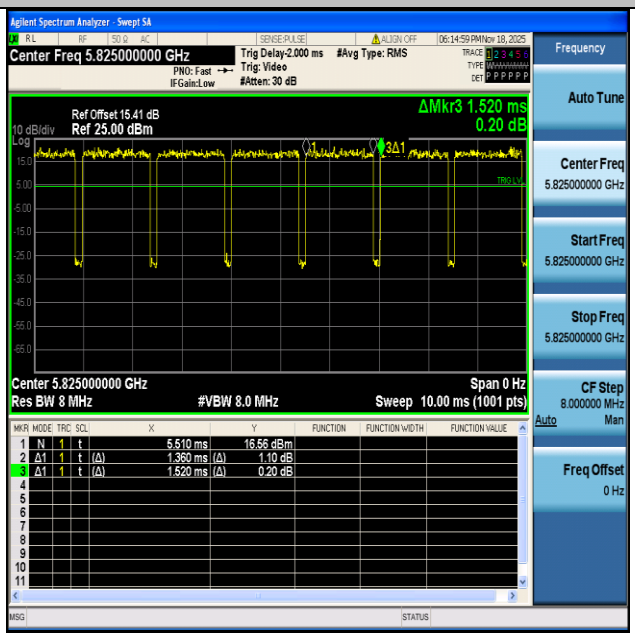

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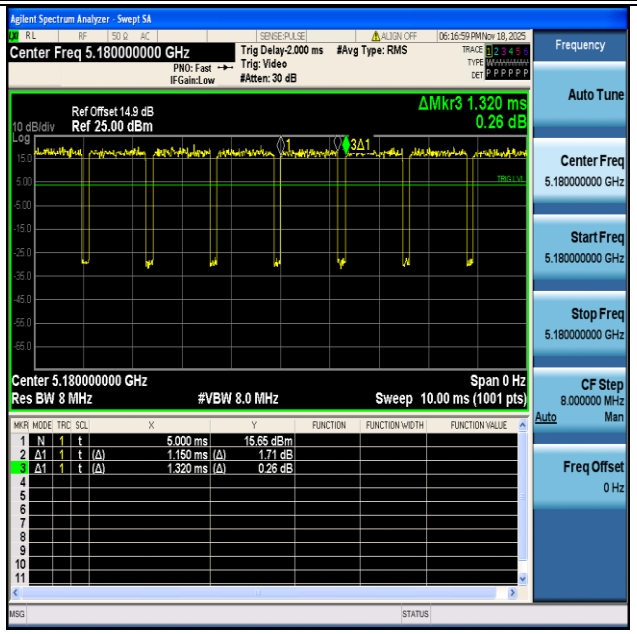

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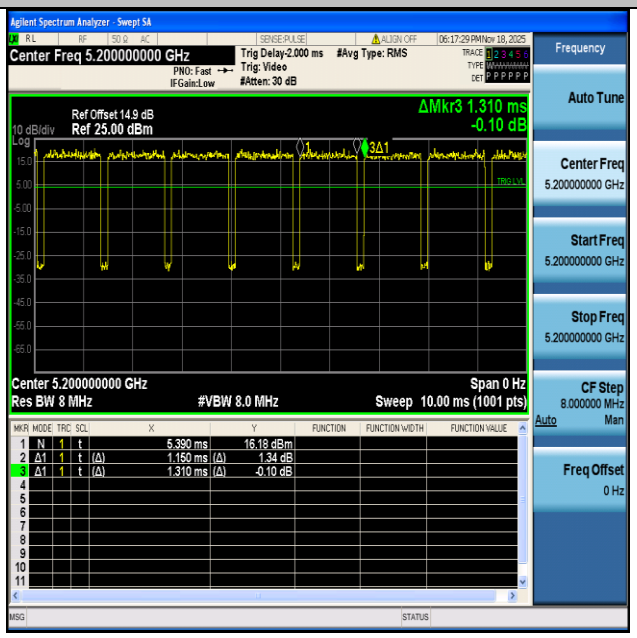

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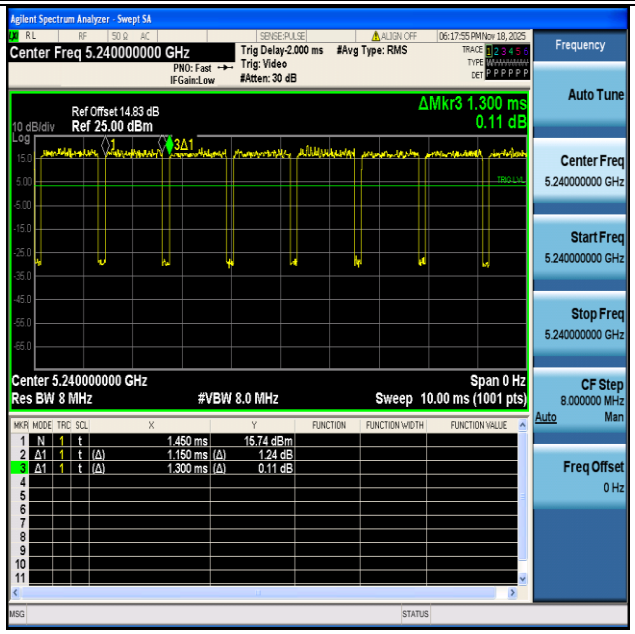

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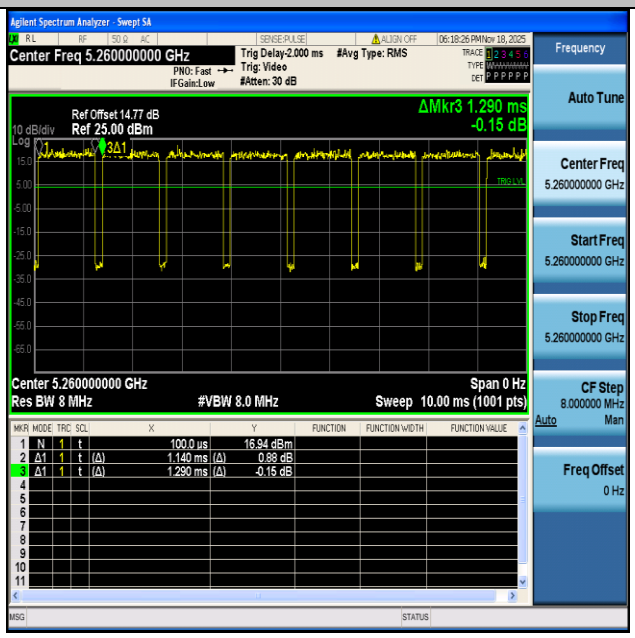

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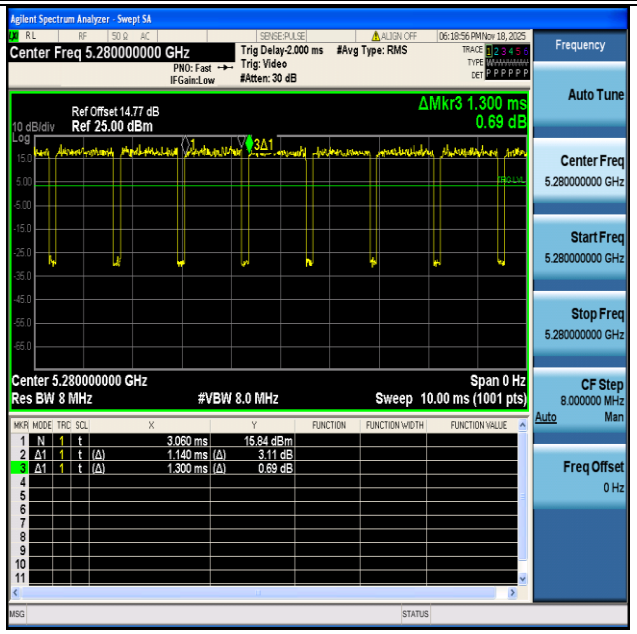

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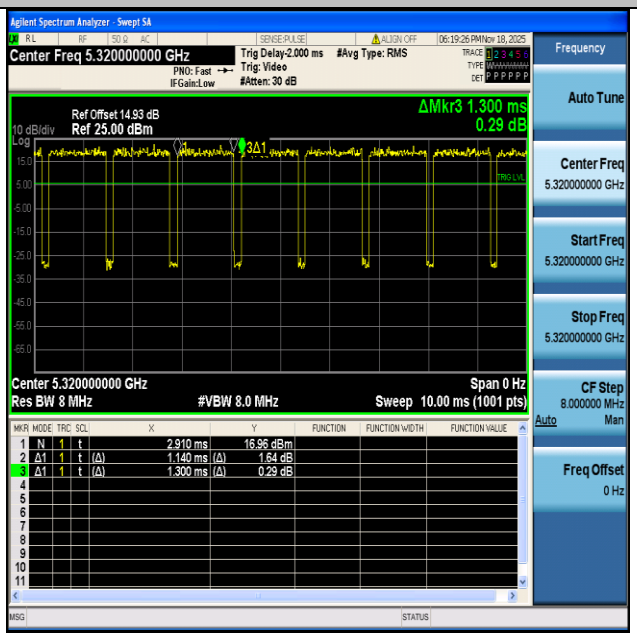

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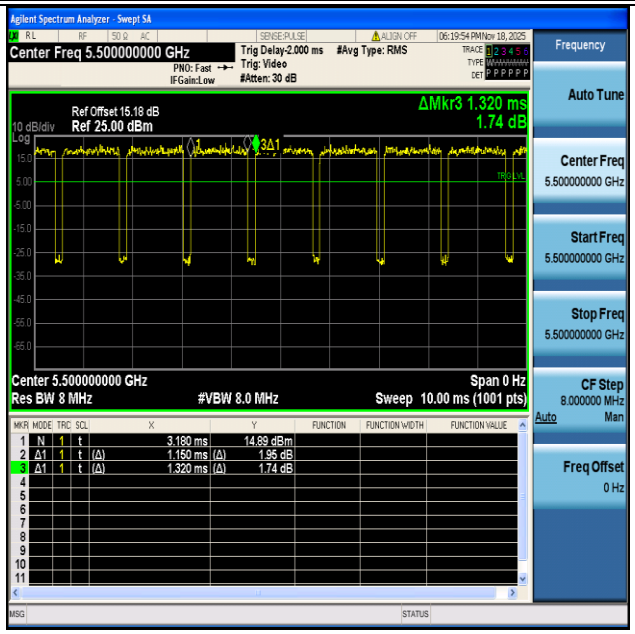

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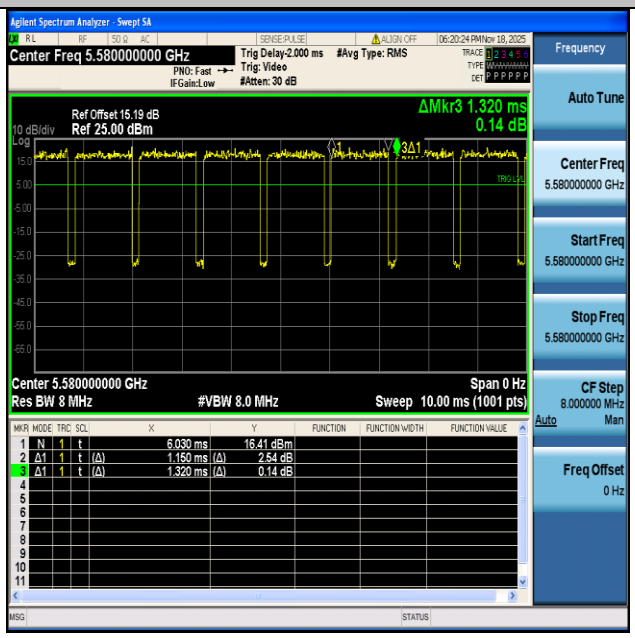

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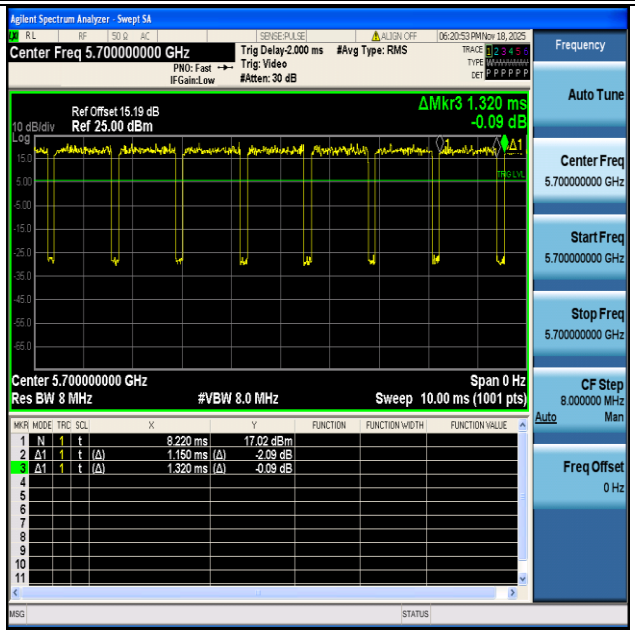

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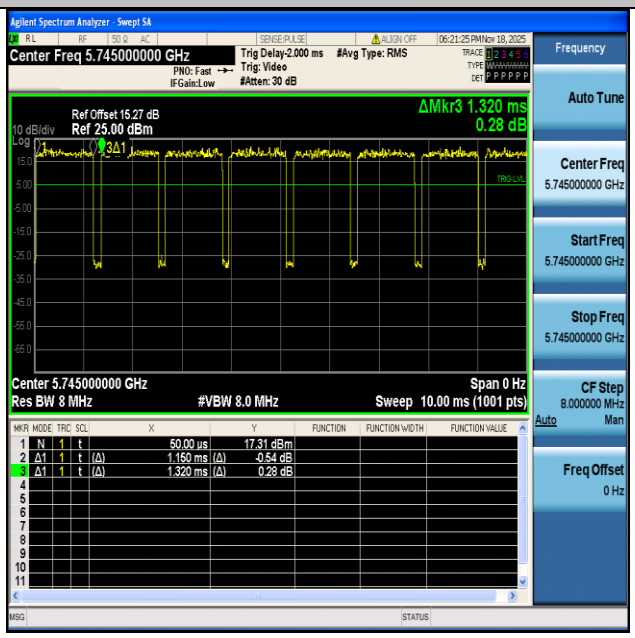

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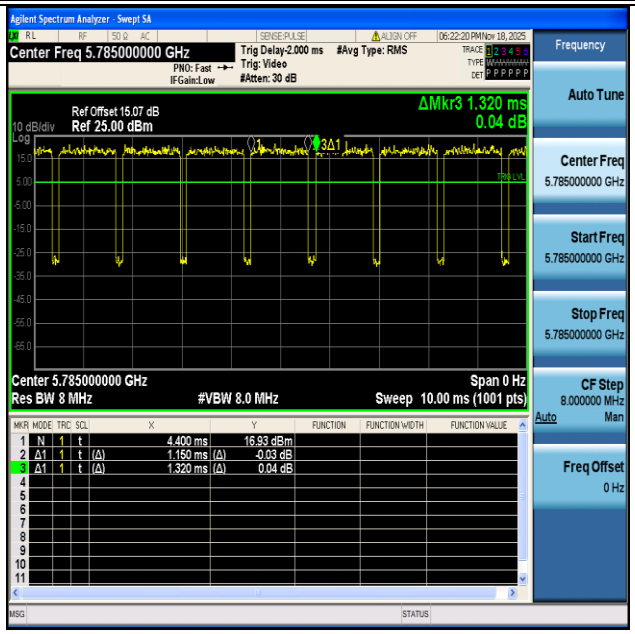

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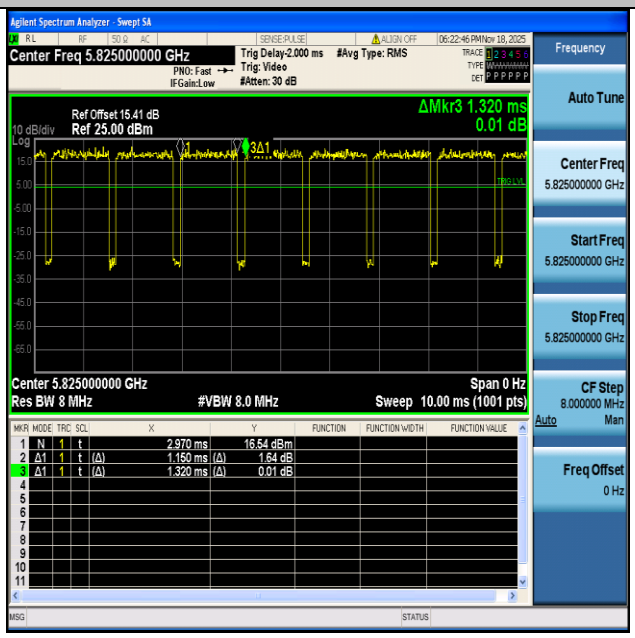

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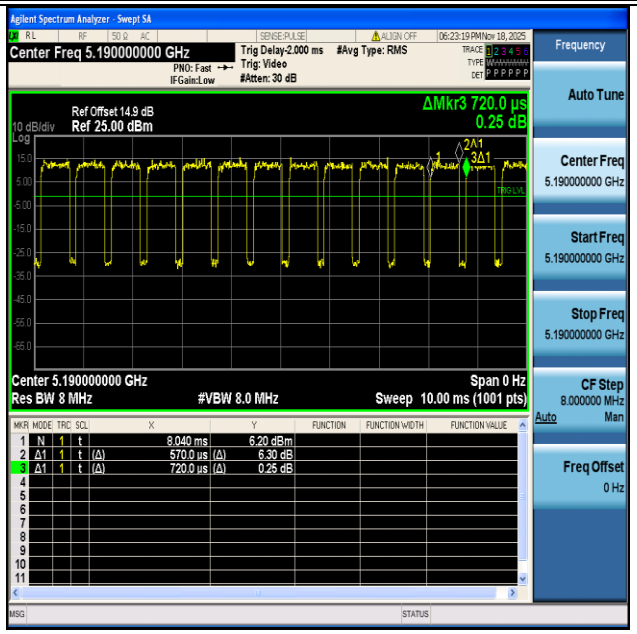

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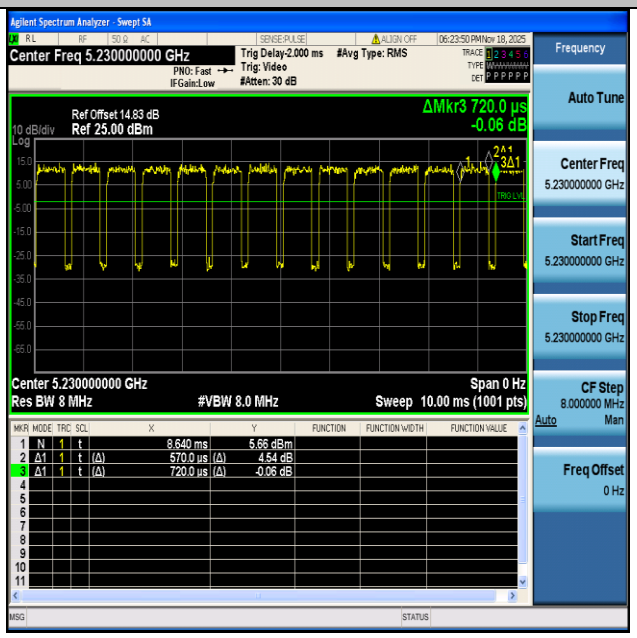

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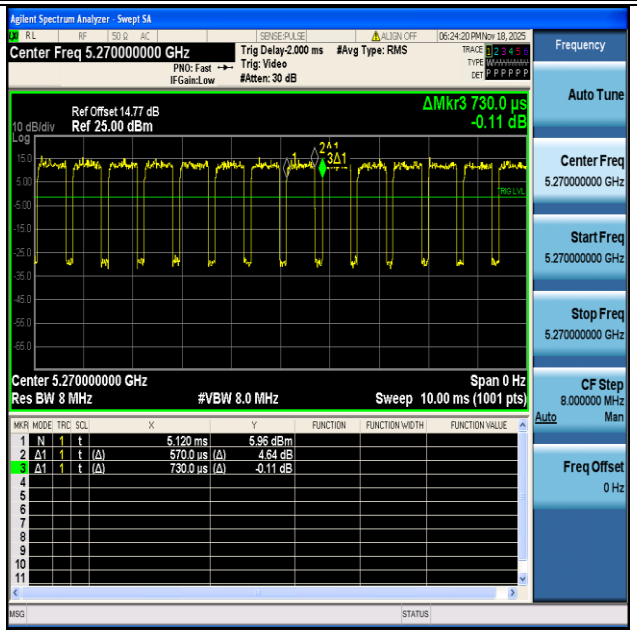

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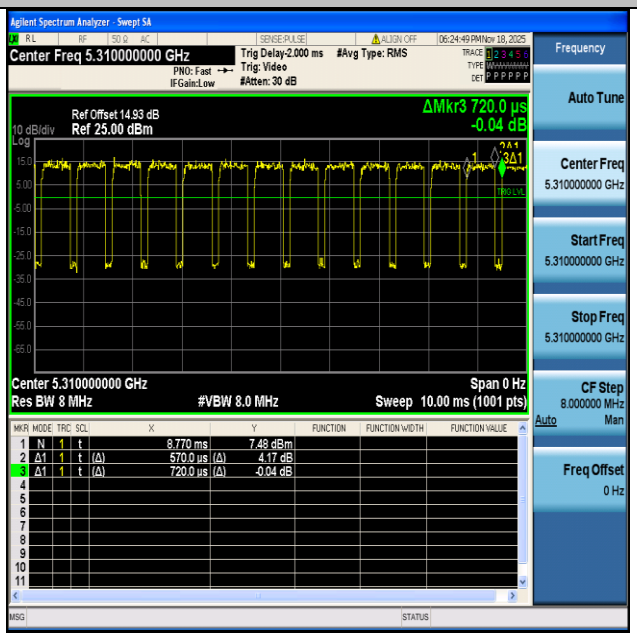

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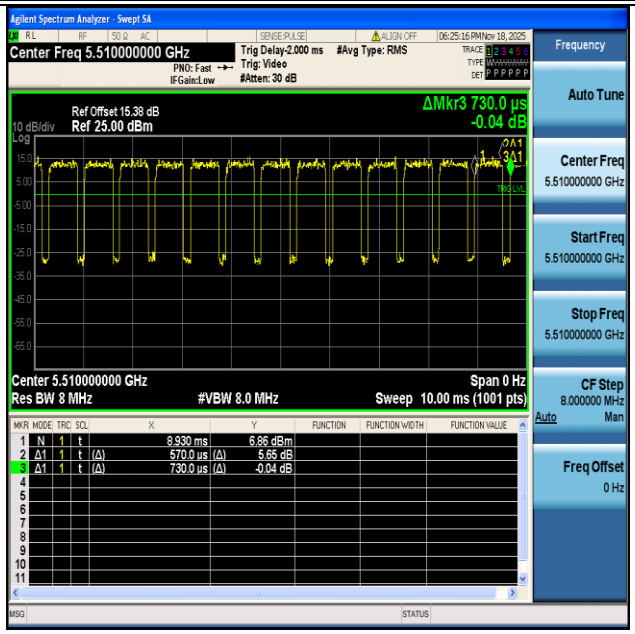

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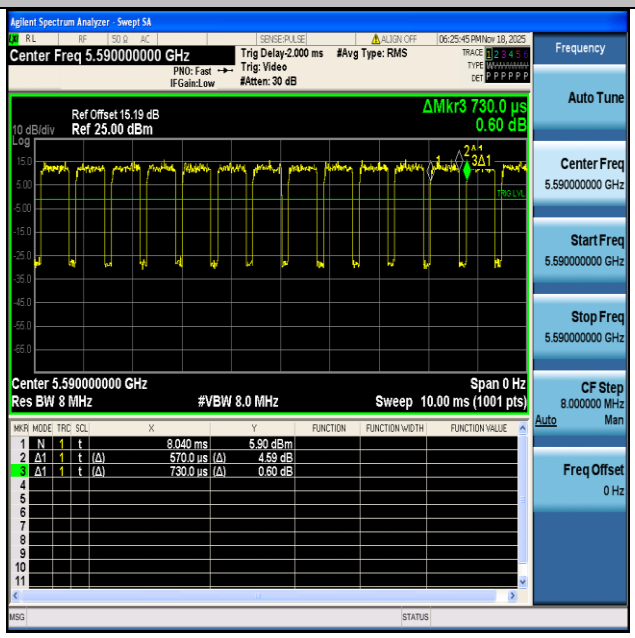

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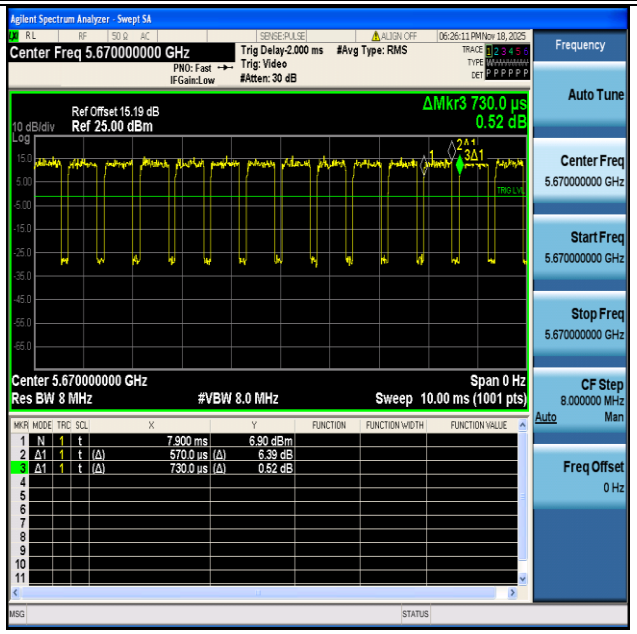

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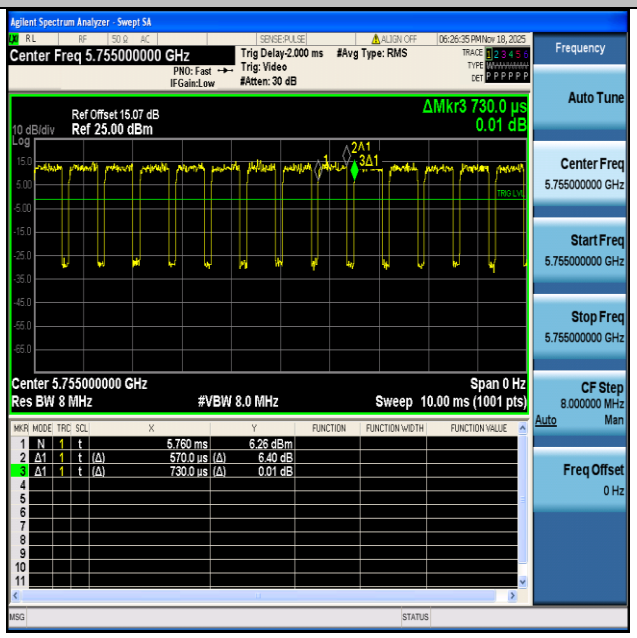

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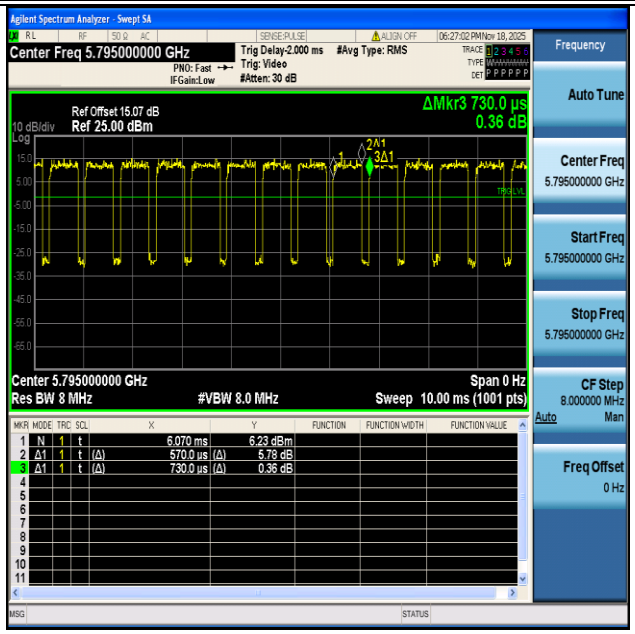

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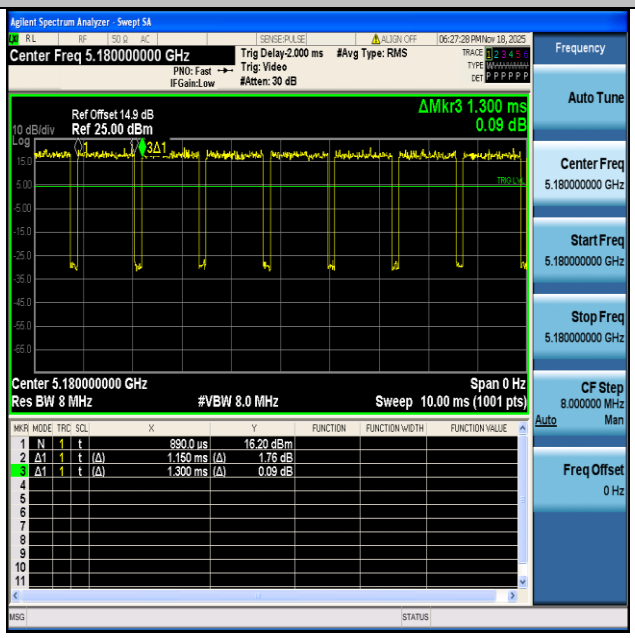

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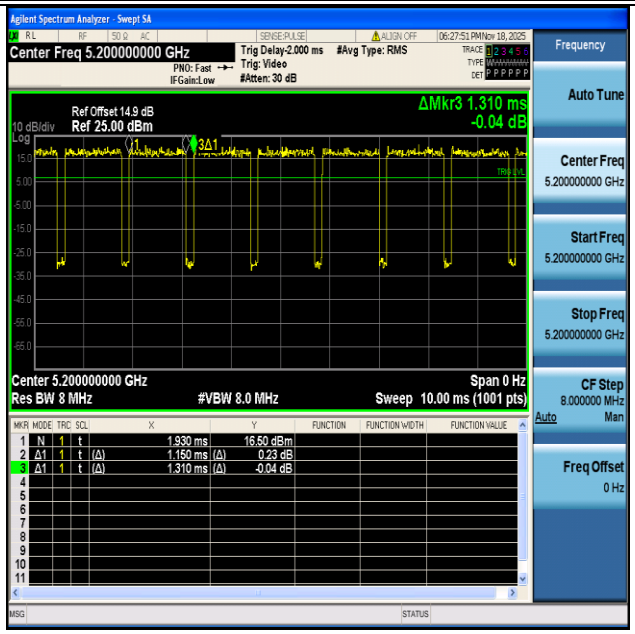

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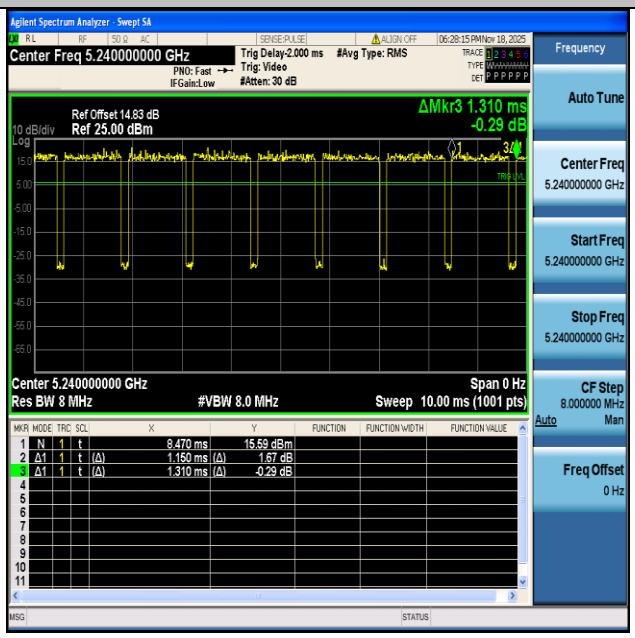

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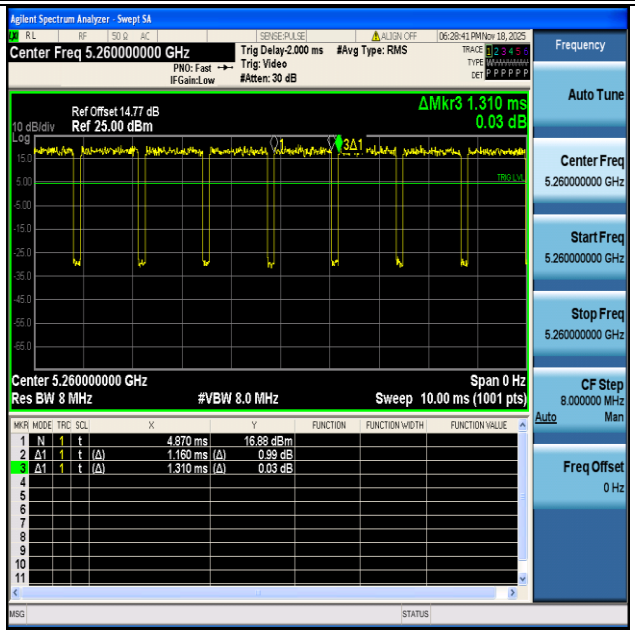

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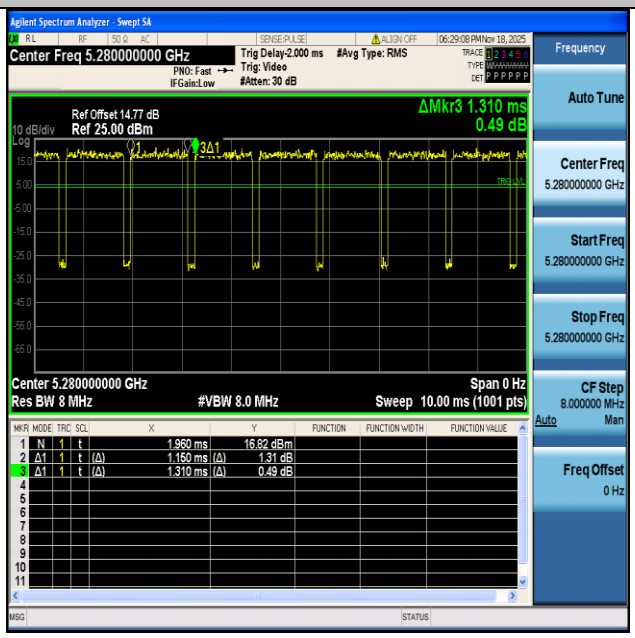

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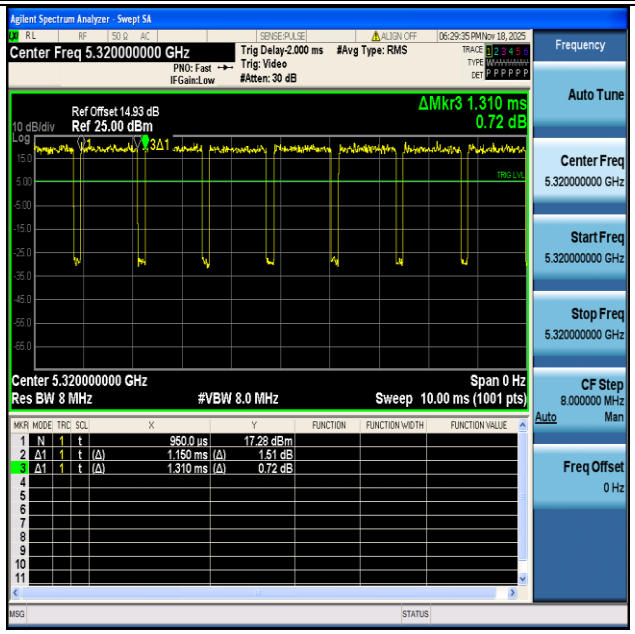

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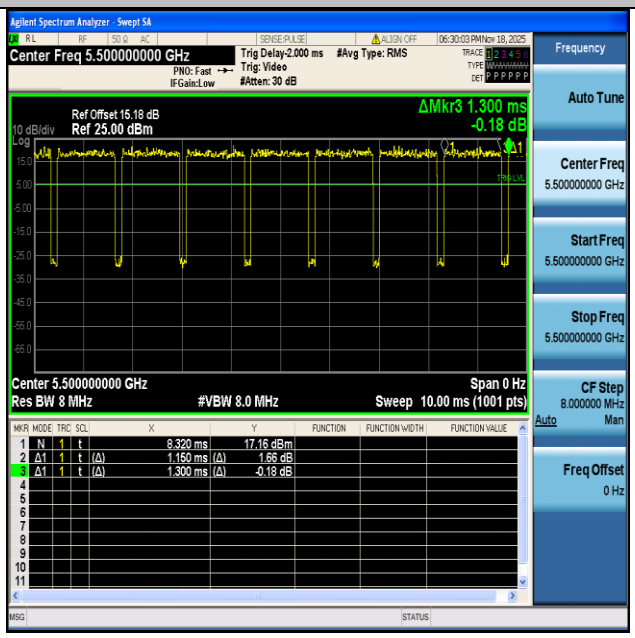

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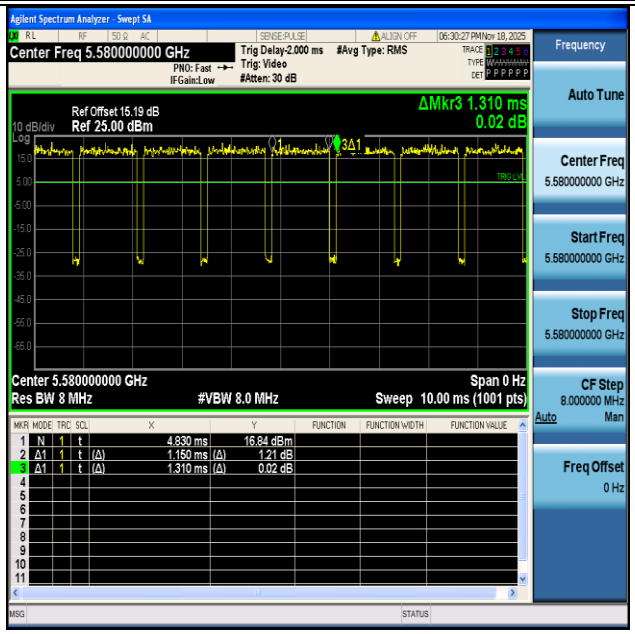

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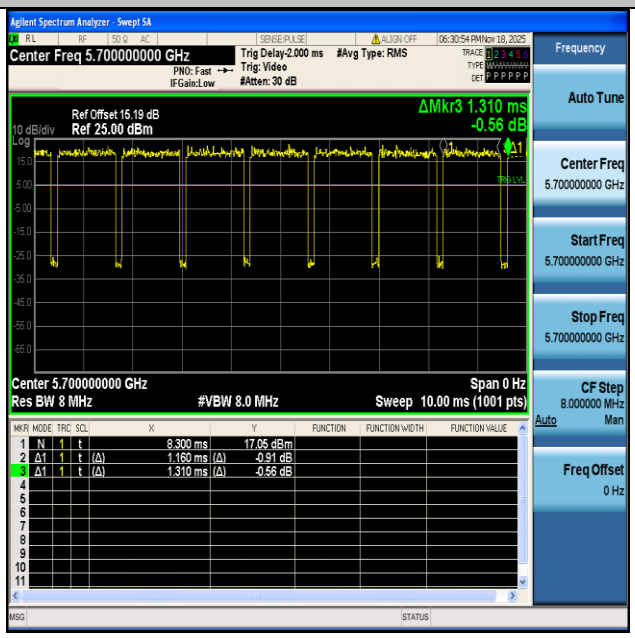
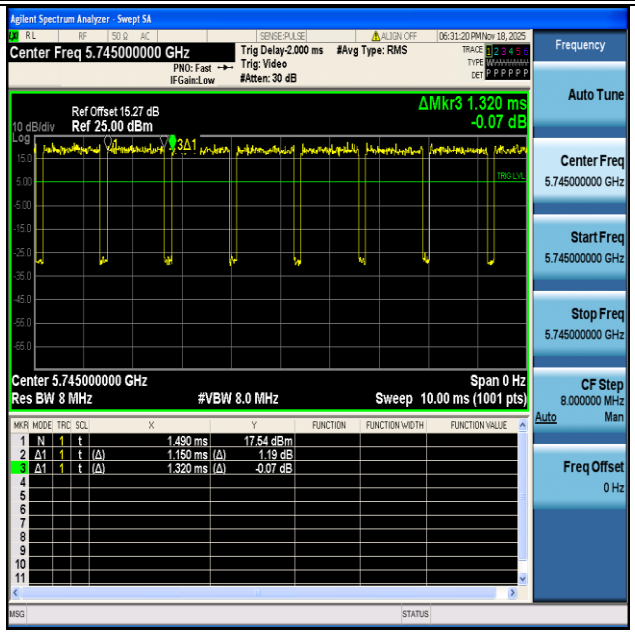


NTNV-11AC20SISO-Ant1-5700



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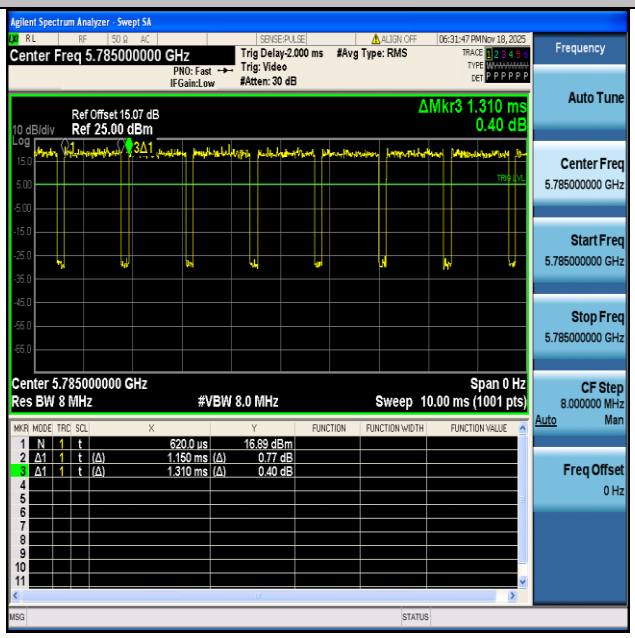

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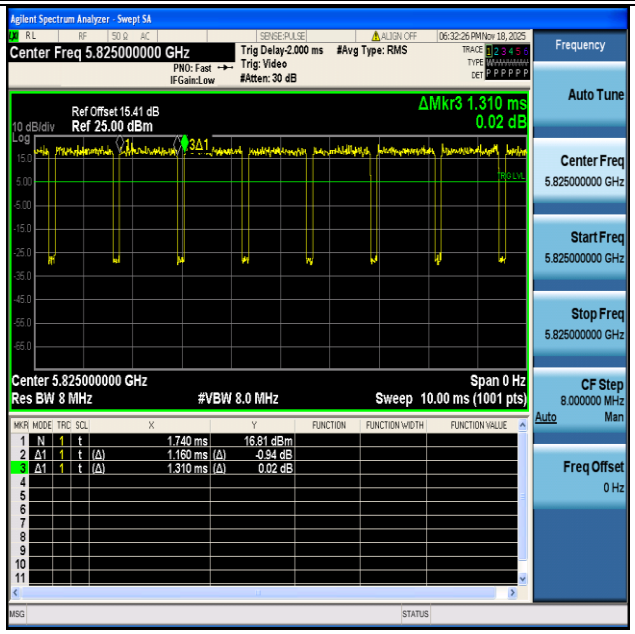

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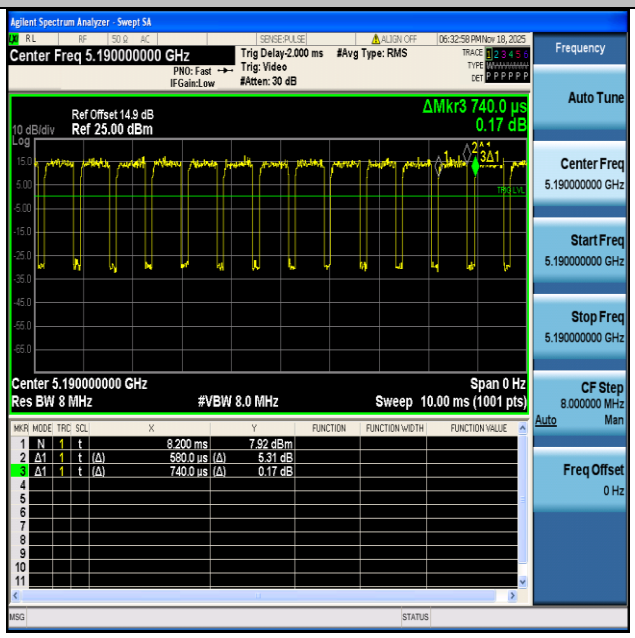

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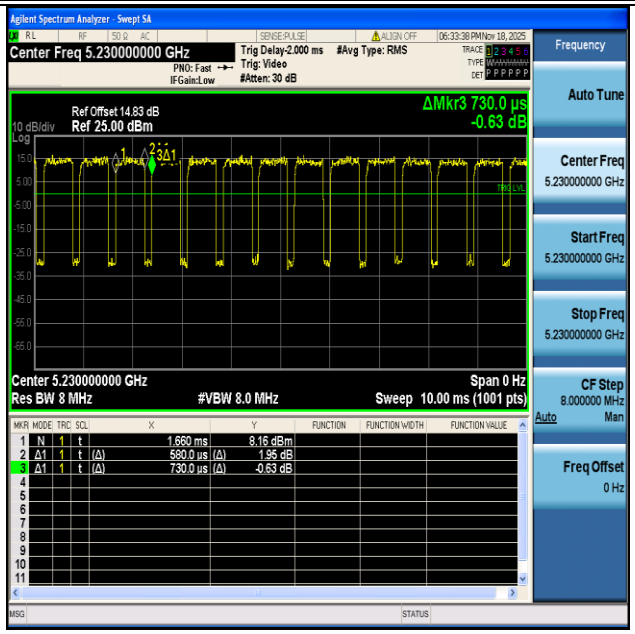

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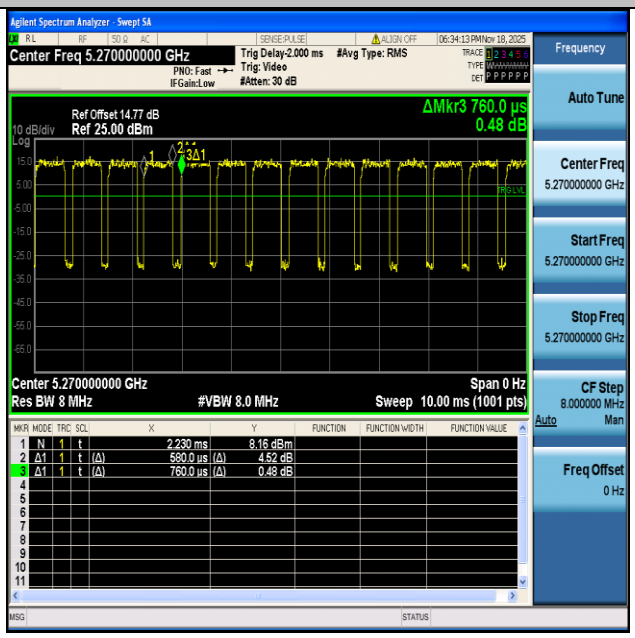

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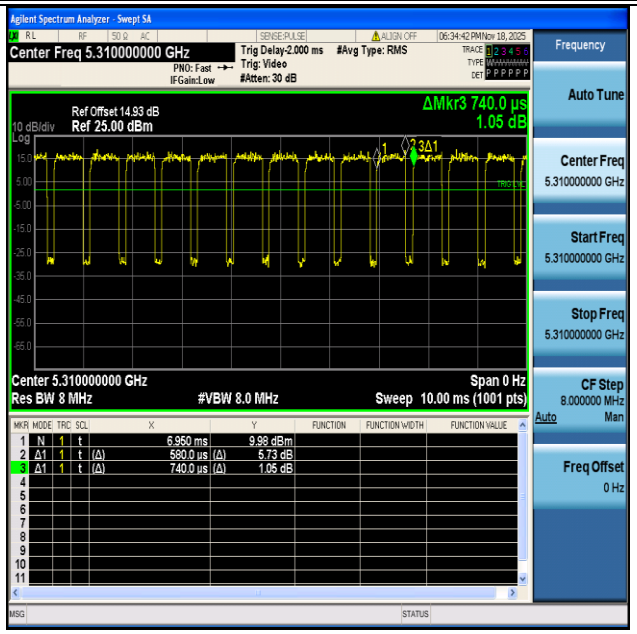

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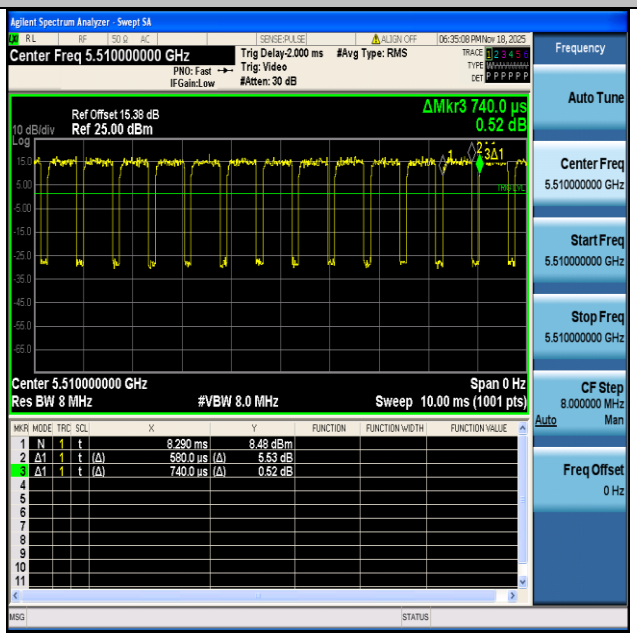

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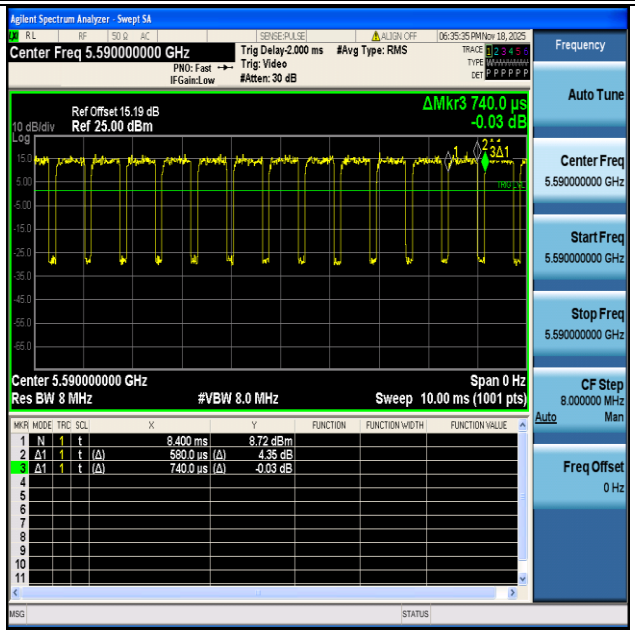

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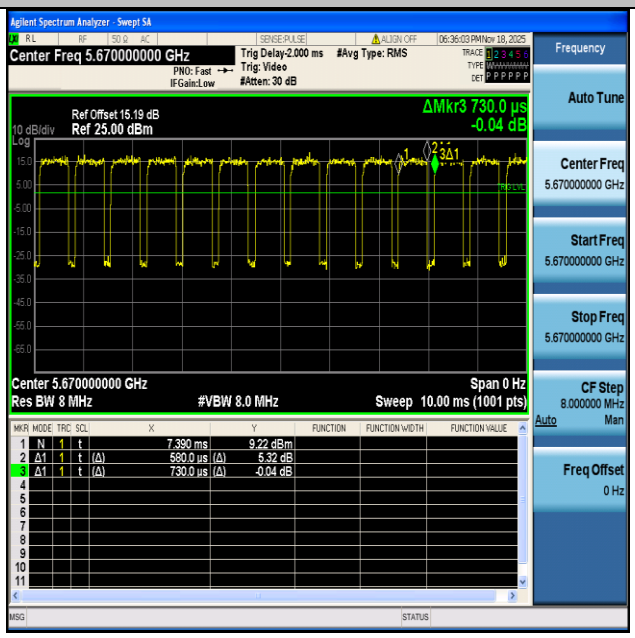

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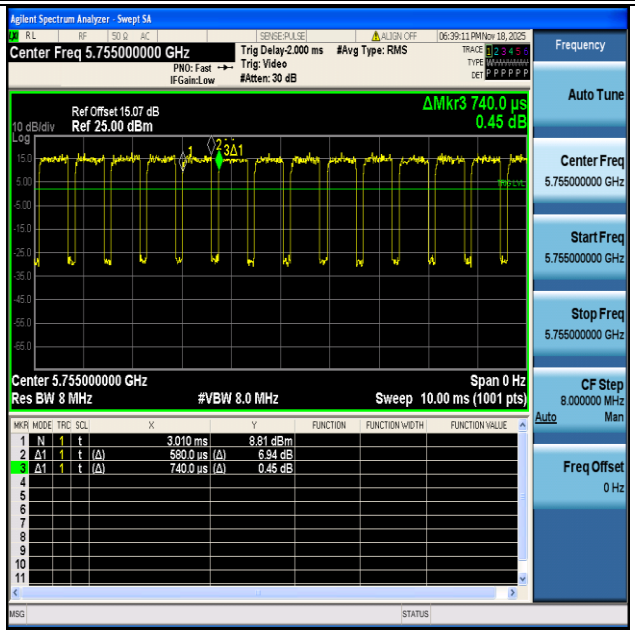

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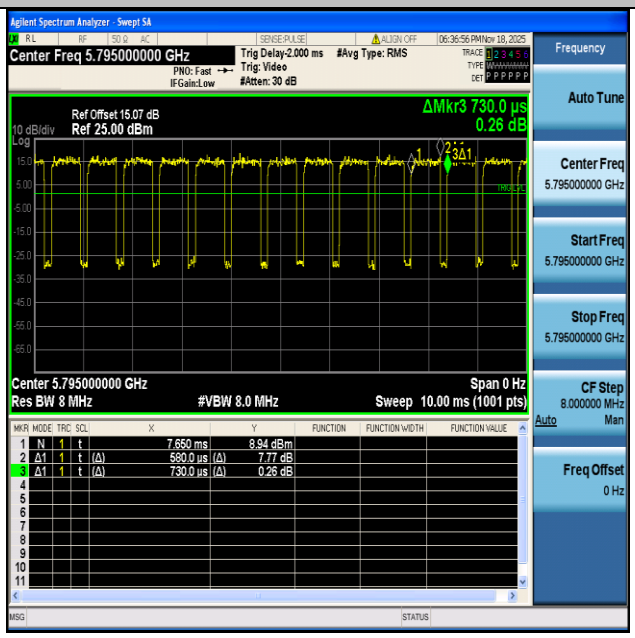

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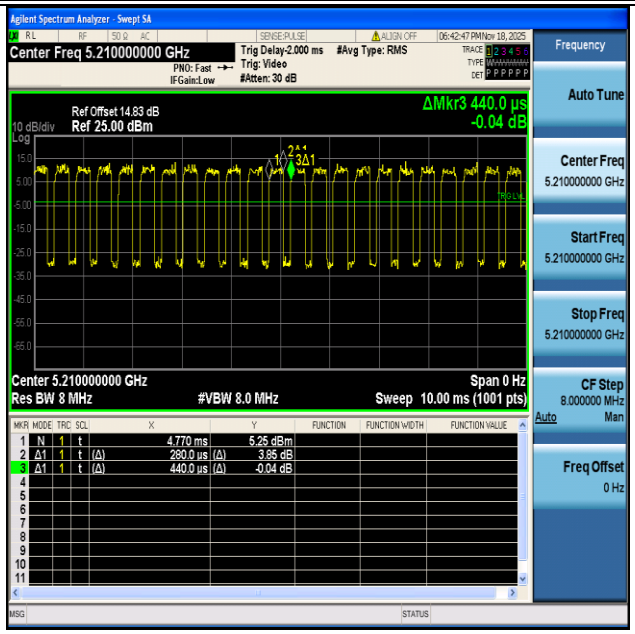

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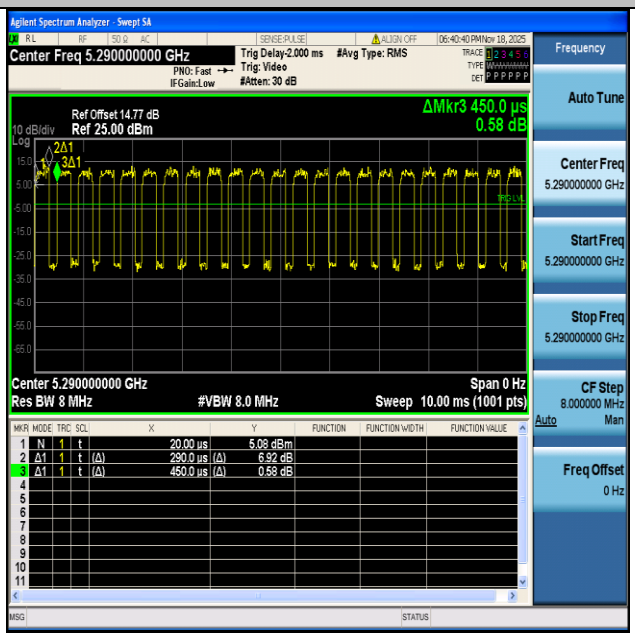

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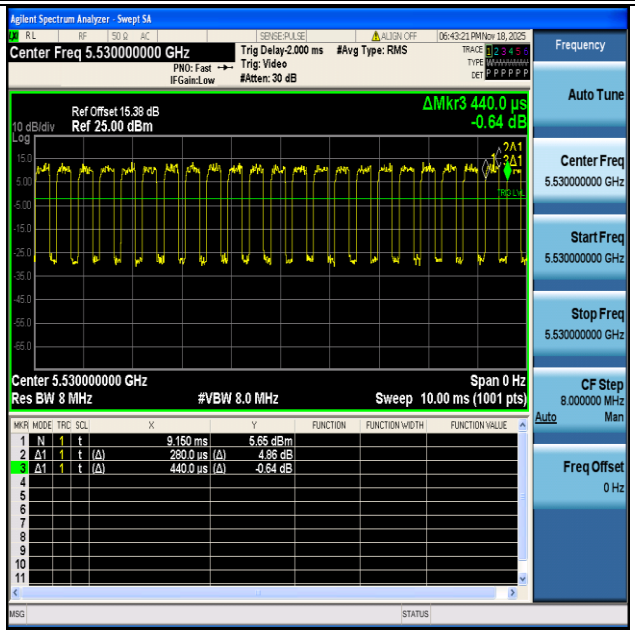

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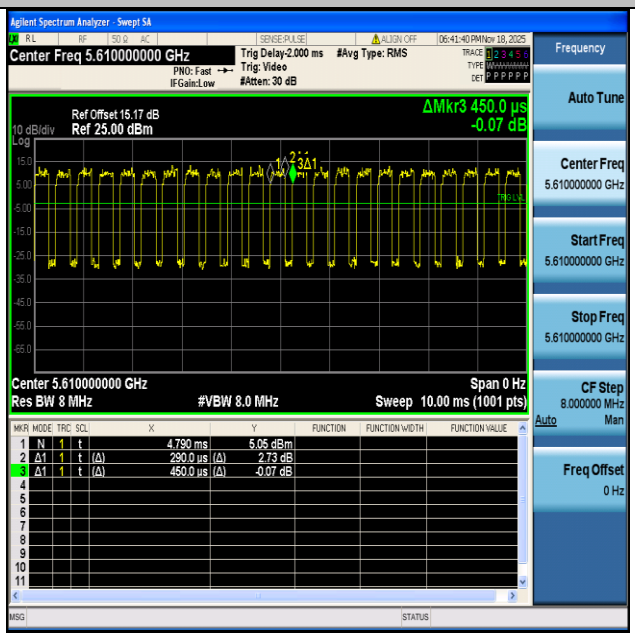

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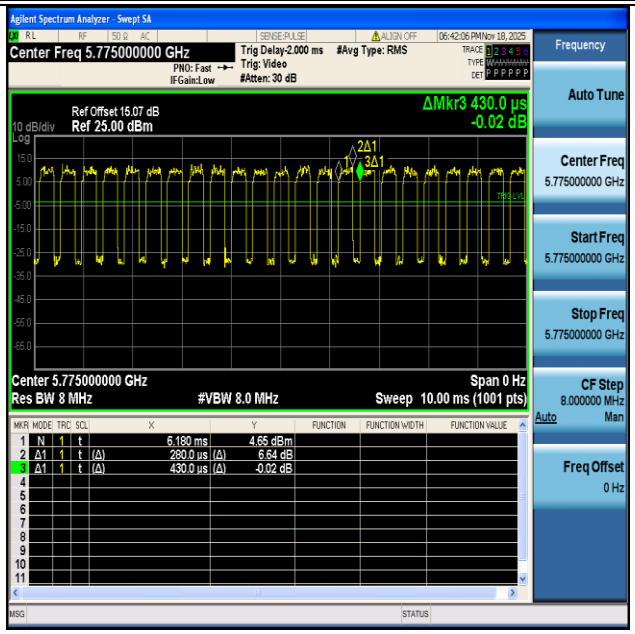


NTNV-11AC80SISO-Ant1-5775

Maximum Conducted Output Power

Mode	Channel	Frequency (MHz)	Measure result (dBm)	Limit (dBm)	Verdict
11A	36	5180	16.49	≤24.00	Pass
	40	5200	**16.67**	≤24.00	Pass
	48	5240	16.37	≤24.00	Pass
	52	5260	16.88	≤24.00	Pass
	56	5280	16.69	≤24.00	Pass
	64	5320	**17.59**	≤24.00	Pass
	100	5500	**17.28**	≤24.00	Pass
	116	5580	17.00	≤24.00	Pass
	140	5700	16.67	≤24.00	Pass
	149	5745	16.92	≤30.00	Pass
	157	5785	**17.25**	≤30.00	Pass
	165	5825	16.80	≤30.00	Pass
11N20	36	5180	15.13	≤24.00	Pass
	40	5200	15.52	≤24.00	Pass
	48	5240	15.02	≤24.00	Pass
	52	5260	15.64	≤24.00	Pass
	56	5280	15.44	≤24.00	Pass
	64	5320	16.46	≤24.00	Pass
	100	5500	16.06	≤24.00	Pass
	116	5580	15.54	≤24.00	Pass
	140	5700	15.44	≤24.00	Pass
	149	5745	15.64	≤30.00	Pass
	157	5785	15.95	≤30.00	Pass
	165	5825	15.52	≤30.00	Pass
11N40	38	5190	13.64	≤24.00	Pass
	46	5230	12.98	≤24.00	Pass
	54	5270	13.51	≤24.00	Pass
	62	5310	14.53	≤24.00	Pass
	102	5510	13.86	≤24.00	Pass
	110	5550	13.20	≤24.00	Pass
	134	5670	13.63	≤24.00	Pass
	151	5755	13.86	≤30.00	Pass
	159	5795	13.68	≤30.00	Pass
11AC20	36	5180	15.36	≤24.00	Pass
	40	5200	15.64	≤24.00	Pass
	48	5240	15.29	≤24.00	Pass
	52	5260	15.82	≤24.00	Pass
	56	5280	15.60	≤24.00	Pass
	64	5320	16.53	≤24.00	Pass
	100	5500	16.22	≤24.00	Pass
	116	5580	15.64	≤24.00	Pass
	140	5700	15.72	≤24.00	Pass
	149	5745	15.86	≤30.00	Pass
	157	5785	16.09	≤30.00	Pass
	165	5825	15.74	≤30.00	Pass
11AC40	38	5190	15.14	≤24.00	Pass

	46	5230	14.25	≤24.00	Pass
	54	5270	14.93	≤24.00	Pass
	62	5310	15.80	≤24.00	Pass
	102	5510	15.25	≤24.00	Pass
	110	5550	14.77	≤24.00	Pass
	134	5670	14.93	≤24.00	Pass
	151	5755	15.48	≤30.00	Pass
	159	5795	15.25	≤30.00	Pass
11AC80	42	5210	13.70	≤24.00	Pass
	58	5290	14.11	≤24.00	Pass
	106	5530	14.33	≤24.00	Pass
	122	5610	13.48	≤24.00	Pass
	155	5775	14.20	≤30.00	Pass

Note 1: Limit = limit – (Directional gain -6dBi)
Note 2: Measure result = Conducted Power + Duty Cycle Factor

Maximum power spectral density
Test Result

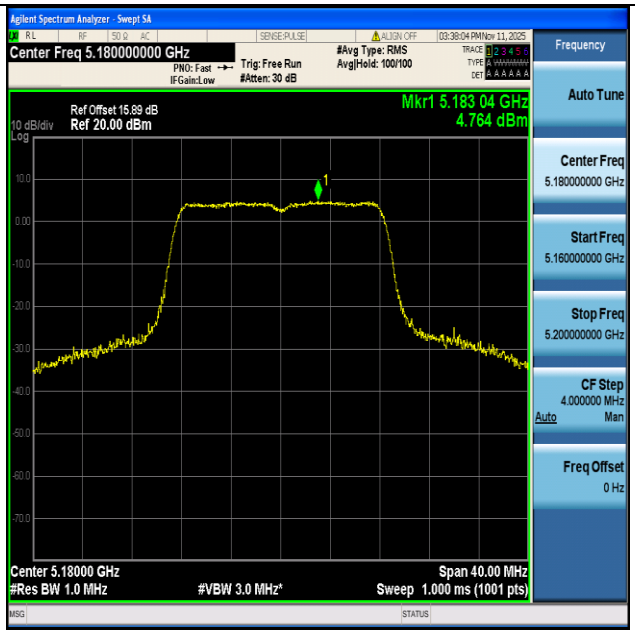
TestMode	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	5180	4.76	≤11.00	PASS
11A	5200	5.94	≤11.00	PASS
11A	5240	4.89	≤11.00	PASS
11A	5260	5.49	≤11.00	PASS
11A	5280	6.11	≤11.00	PASS
11A	5320	6.69	≤11.00	PASS
11A	5500	6.22	≤11.00	PASS
11A	5580	5.21	≤11.00	PASS
11A	5700	3.51	≤11.00	PASS
11A	5745	2.27	≤30.00	PASS
11A	5785	1.38	≤30.00	PASS
11A	5825	1.89	≤30.00	PASS
11N20SISO	5180	3.67	≤11.00	PASS
11N20SISO	5200	3.75	≤11.00	PASS
11N20SISO	5240	3.89	≤11.00	PASS
11N20SISO	5260	4.71	≤11.00	PASS
11N20SISO	5280	3.82	≤11.00	PASS
11N20SISO	5320	6.06	≤11.00	PASS
11N20SISO	5500	4.75	≤11.00	PASS
11N20SISO	5580	3.84	≤11.00	PASS
11N20SISO	5700	-4.07	≤11.00	PASS
11N20SISO	5745	1.61	≤30.00	PASS
11N20SISO	5785	1.44	≤30.00	PASS
11N20SISO	5825	0.03	≤30.00	PASS
11N40SISO	5190	-0.95	≤11.00	PASS
11N40SISO	5230	-0.43	≤11.00	PASS
11N40SISO	5270	0.61	≤11.00	PASS
11N40SISO	5310	1.53	≤11.00	PASS
11N40SISO	5510	-3.37	≤11.00	PASS
11N40SISO	5590	0.64	≤11.00	PASS
11N40SISO	5670	0.79	≤11.00	PASS
11N40SISO	5755	-3.38	≤30.00	PASS
11N40SISO	5795	-3.56	≤30.00	PASS
11AC20SISO	5180	3.71	≤11.00	PASS
11AC20SISO	5200	4.11	≤11.00	PASS
11AC20SISO	5240	4.17	≤11.00	PASS
11AC20SISO	5260	4.73	≤11.00	PASS
11AC20SISO	5280	4.65	≤11.00	PASS
11AC20SISO	5320	6.09	≤11.00	PASS
11AC20SISO	5500	5.06	≤11.00	PASS
11AC20SISO	5580	3.80	≤11.00	PASS
11AC20SISO	5700	-4.06	≤11.00	PASS
11AC20SISO	5745	0.87	≤30.00	PASS
11AC20SISO	5785	0.48	≤30.00	PASS
11AC20SISO	5825	0.76	≤30.00	PASS
11AC40SISO	5190	0.04	≤11.00	PASS
11AC40SISO	5230	0.31	≤11.00	PASS

11AC40SISO	5270	0.34	≤11.00	PASS
11AC40SISO	5310	2.66	≤11.00	PASS
11AC40SISO	5510	-2.26	≤11.00	PASS
11AC40SISO	5590	0.33	≤11.00	PASS
11AC40SISO	5670	1.34	≤11.00	PASS
11AC40SISO	5755	-2.06	≤30.00	PASS
11AC40SISO	5795	-1.96	≤30.00	PASS
11AC80SISO	5210	-1.38	≤11.00	PASS
11AC80SISO	5290	-0.20	≤11.00	PASS
11AC80SISO	5530	-0.34	≤11.00	PASS
11AC80SISO	5610	-2.96	≤11.00	PASS
11AC80SISO	5775	-3.97	≤30.00	PASS

Note：

1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs



11A-Ant1-5180-PASS

11A-Ant1-5200-PASS