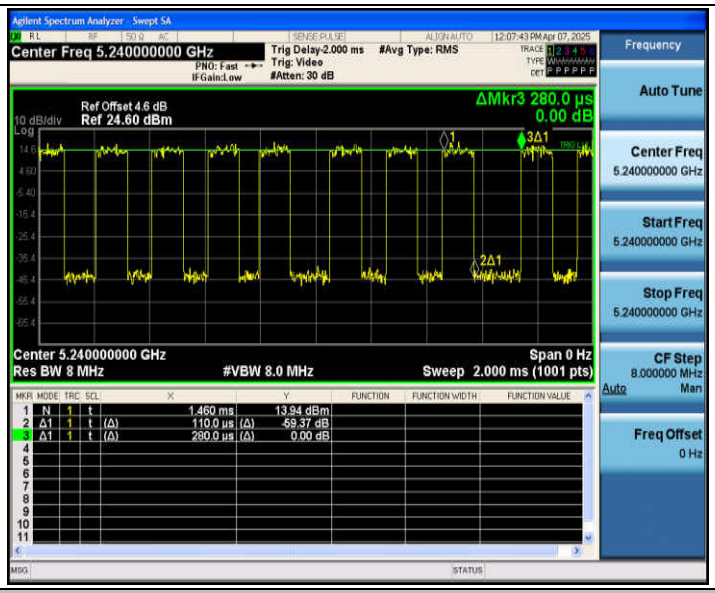
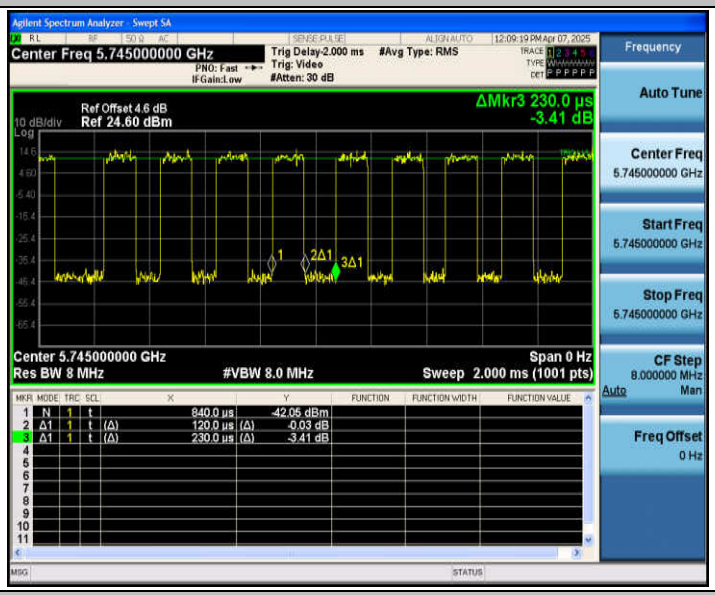


11A_Ant1_5745



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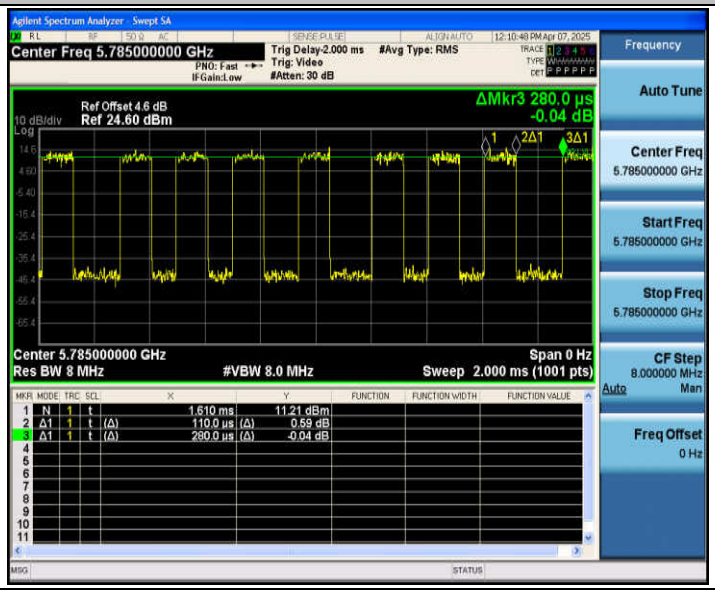

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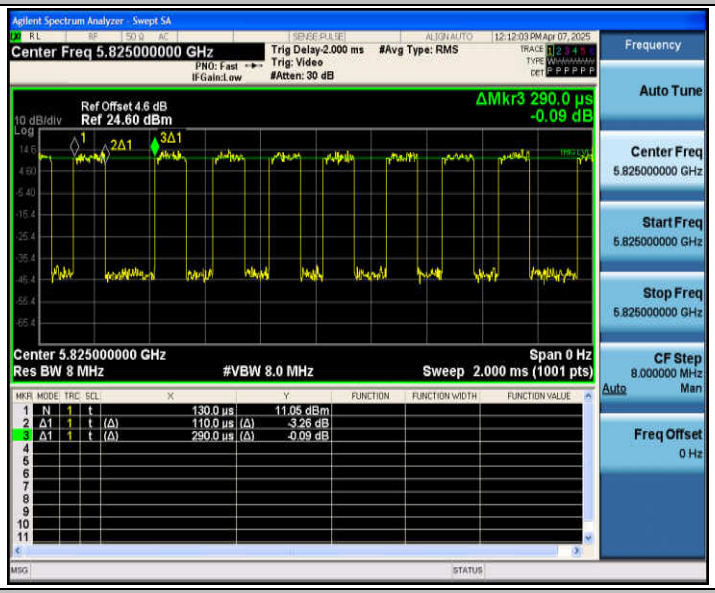

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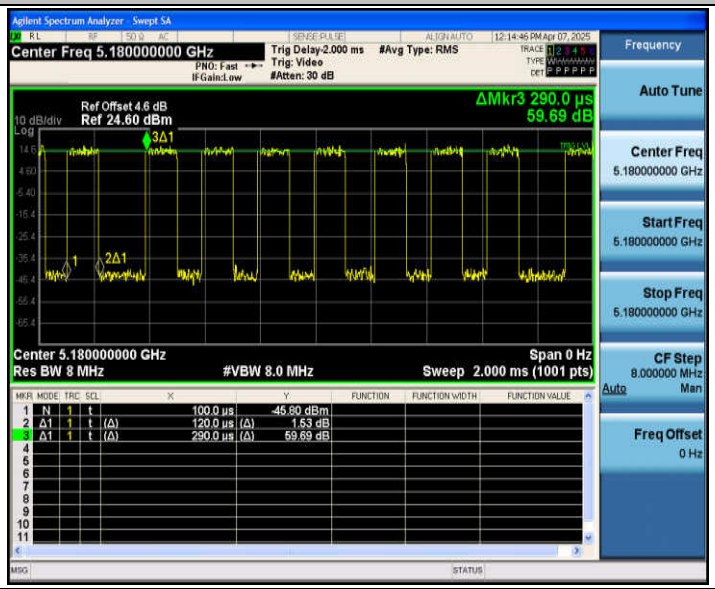

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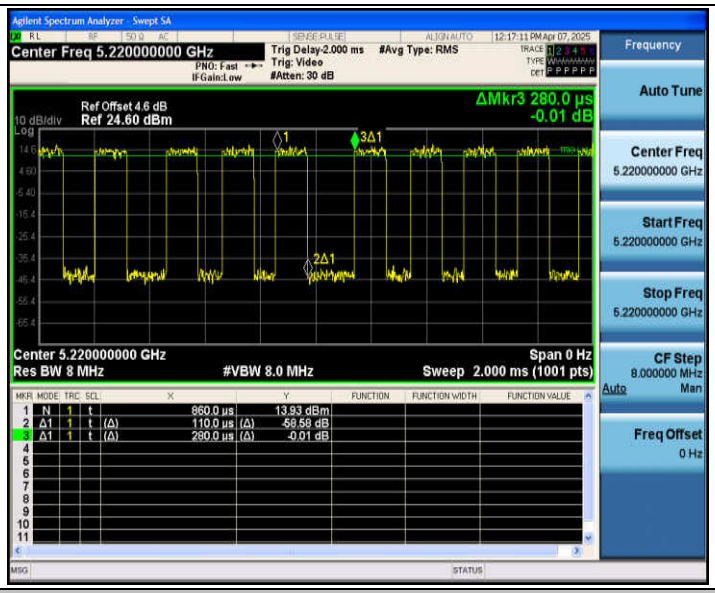

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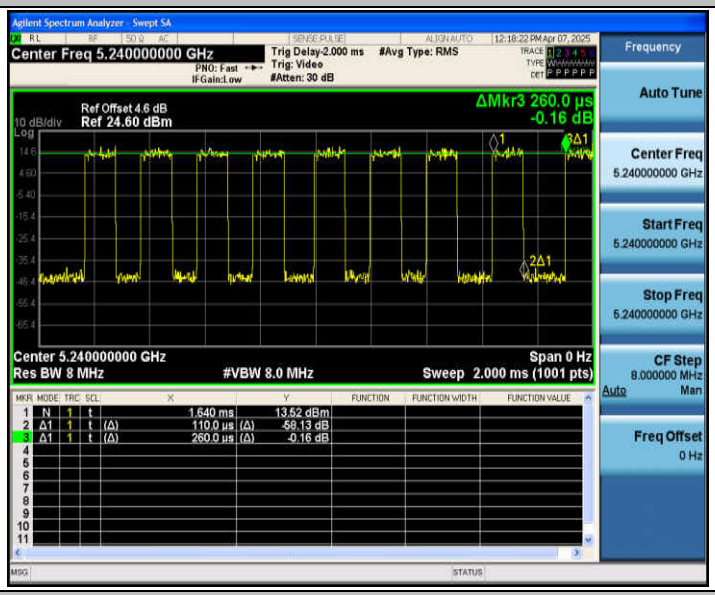

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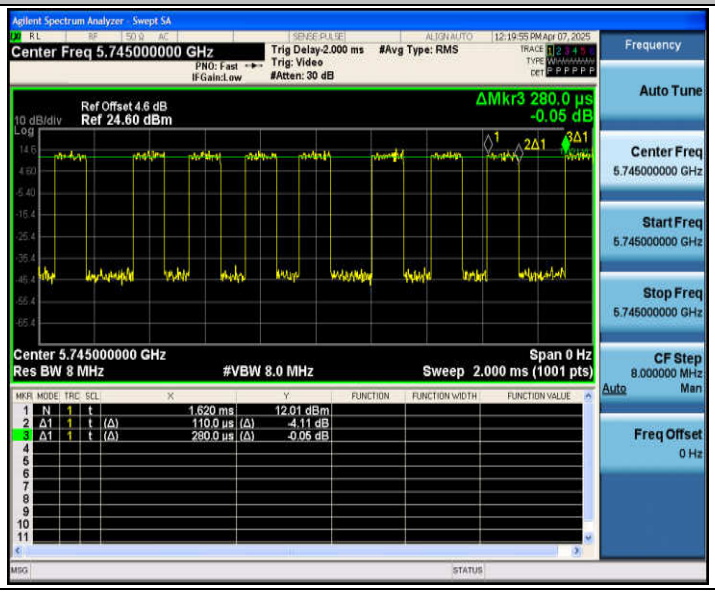

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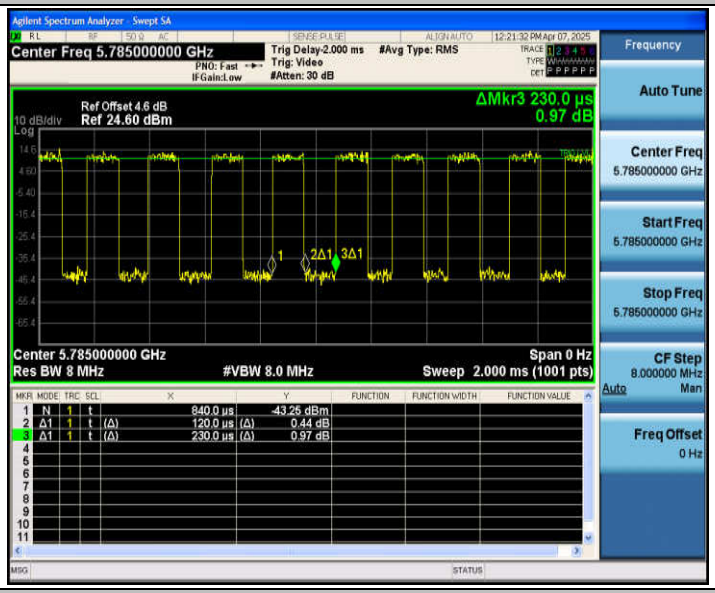

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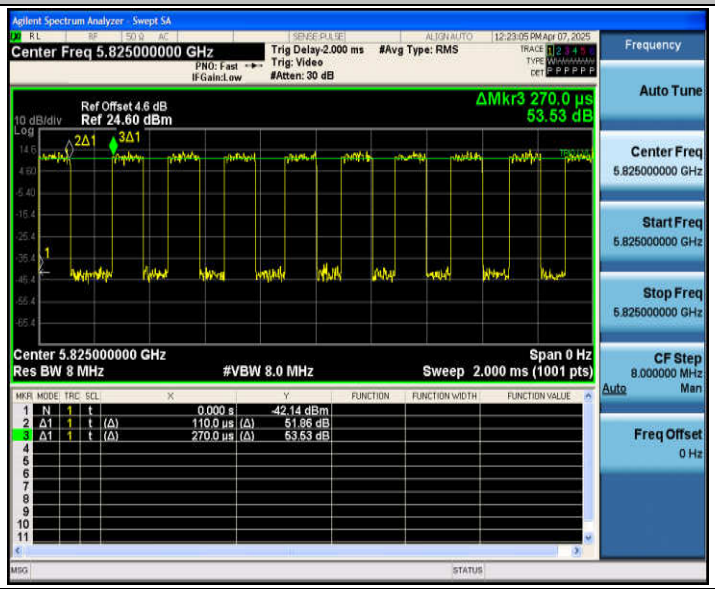

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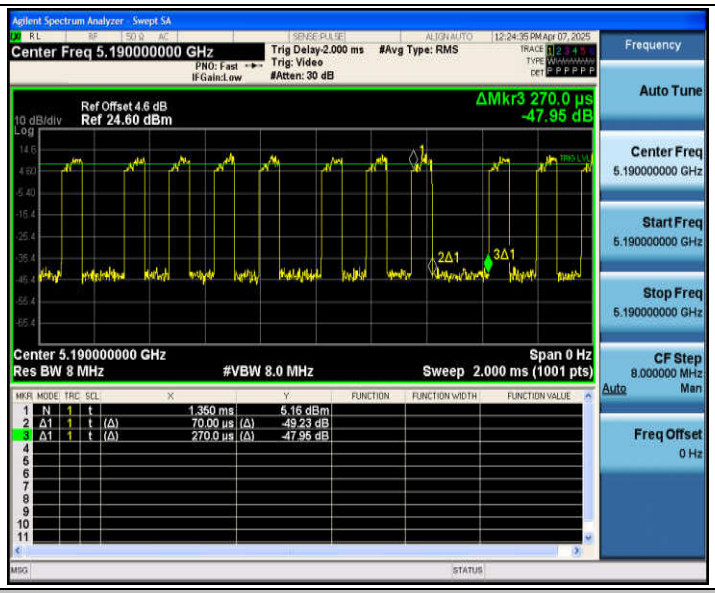

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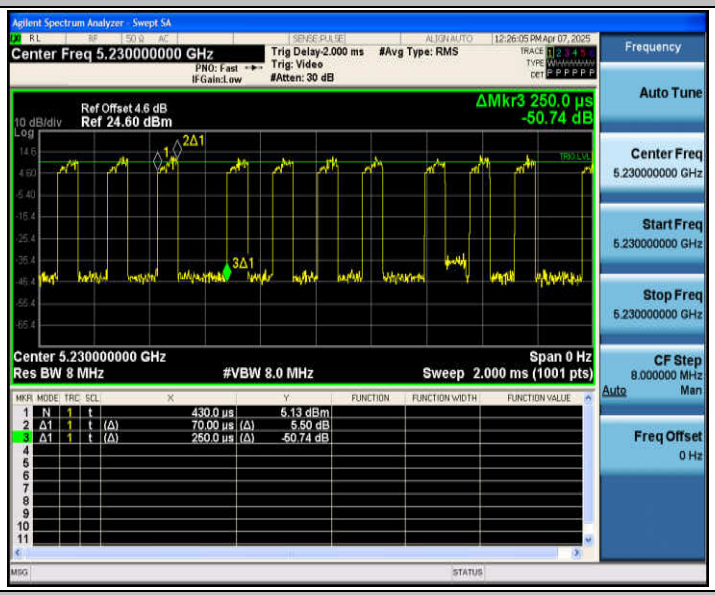

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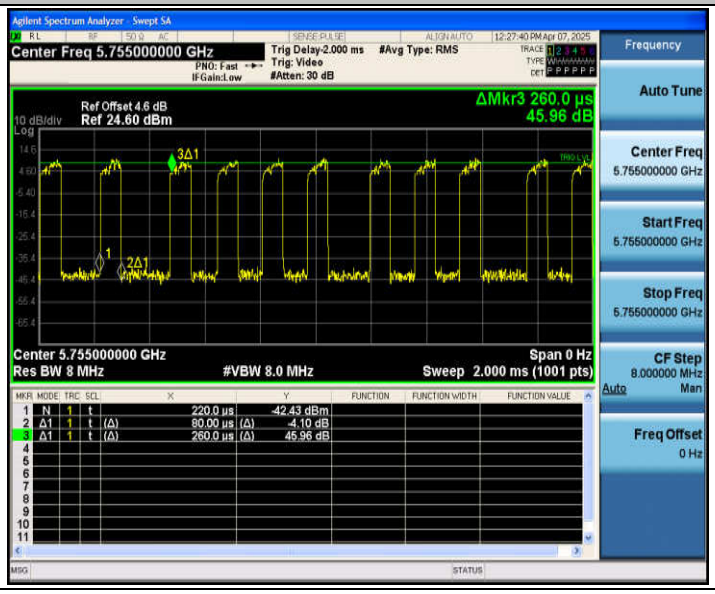

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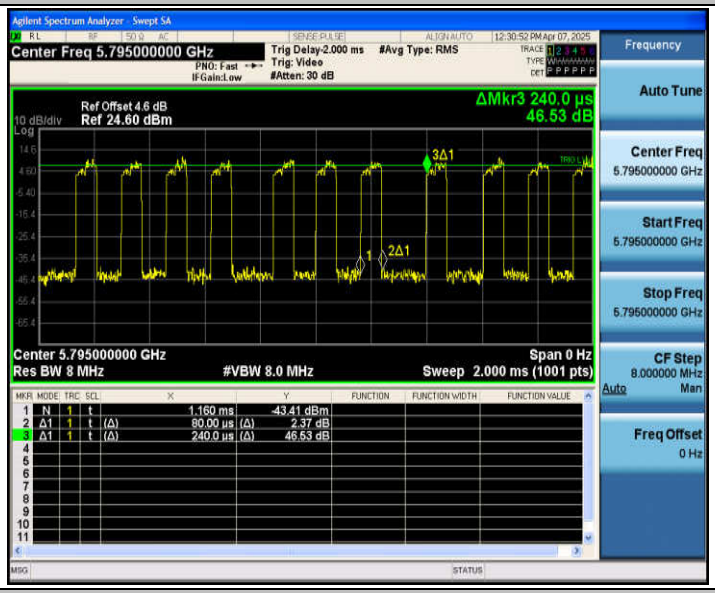

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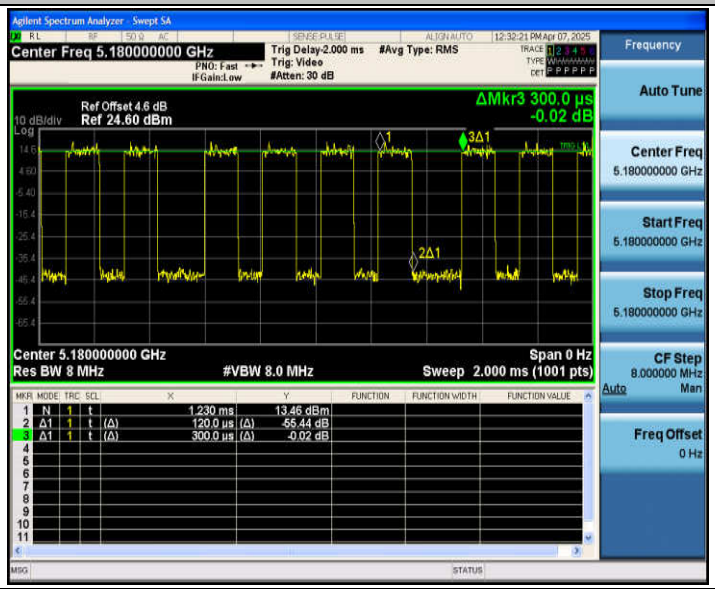

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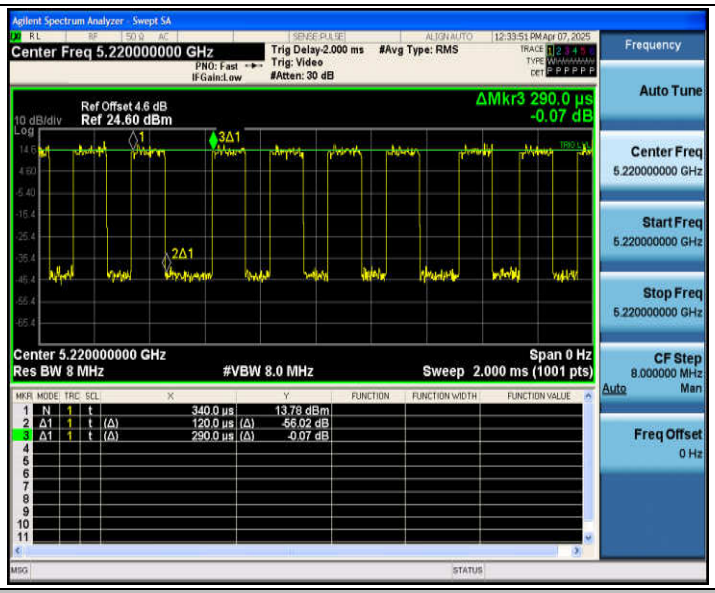

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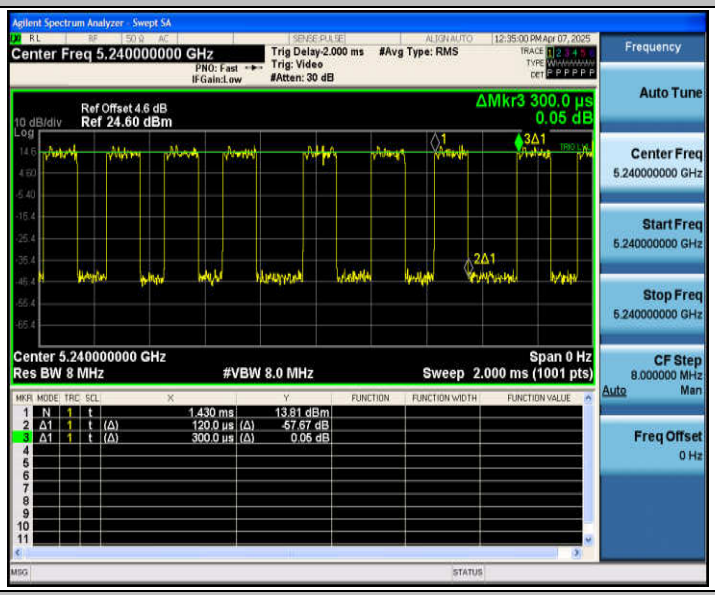

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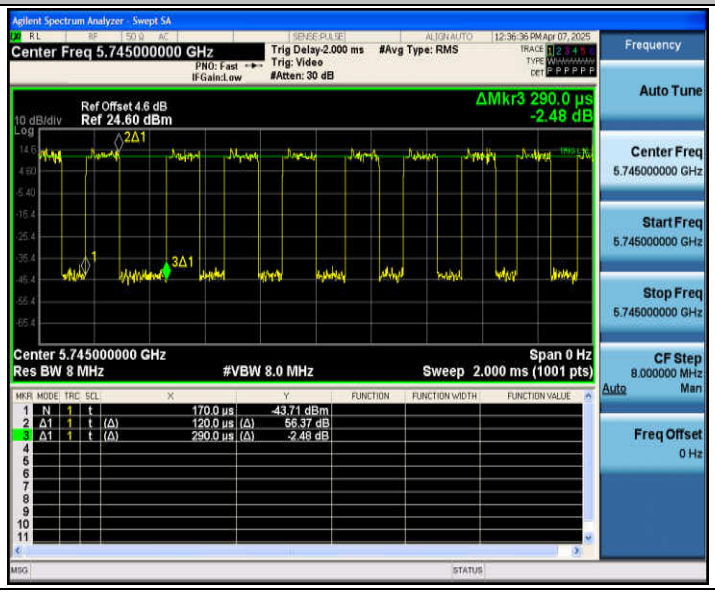

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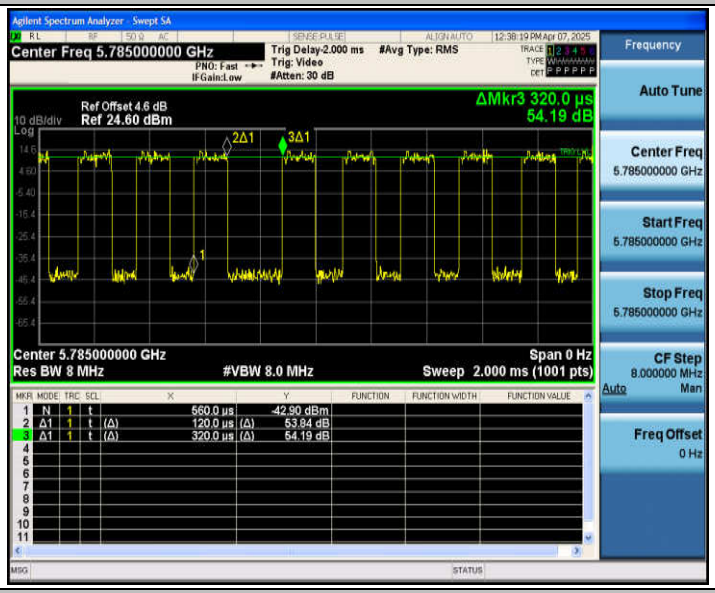

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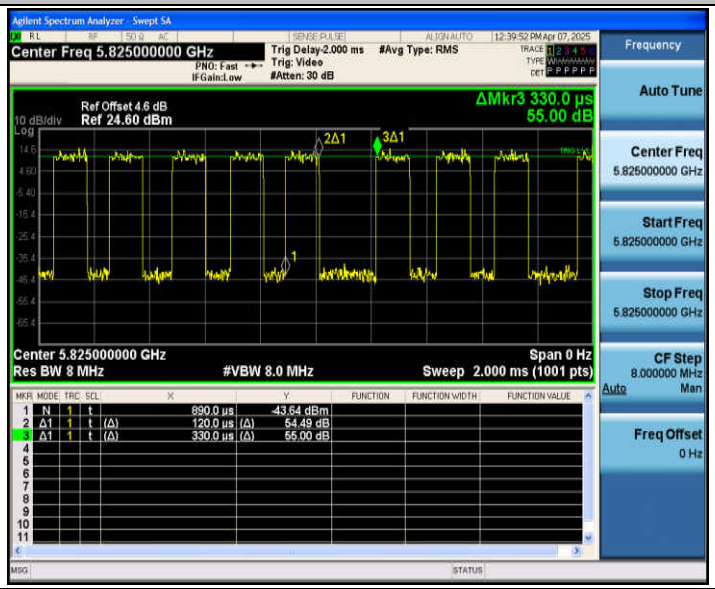

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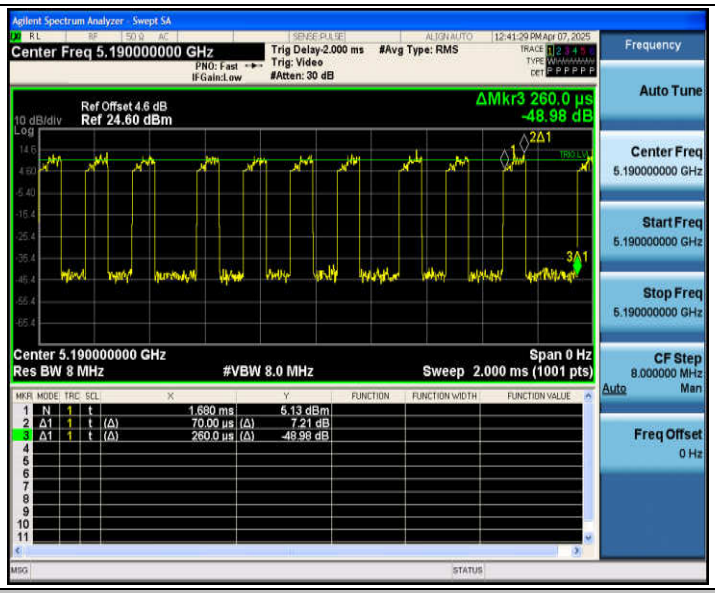

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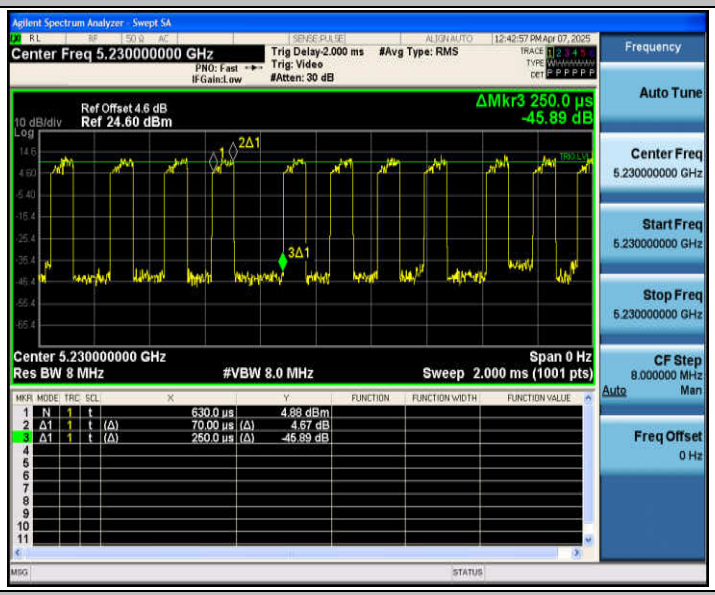

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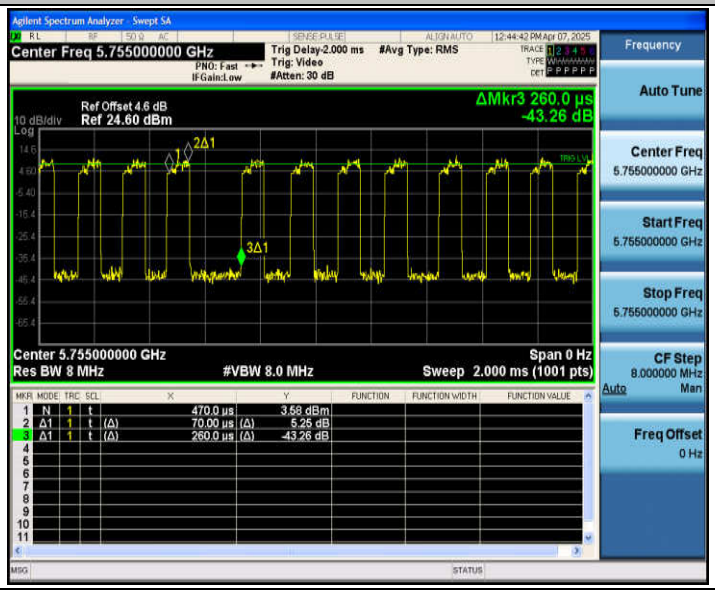

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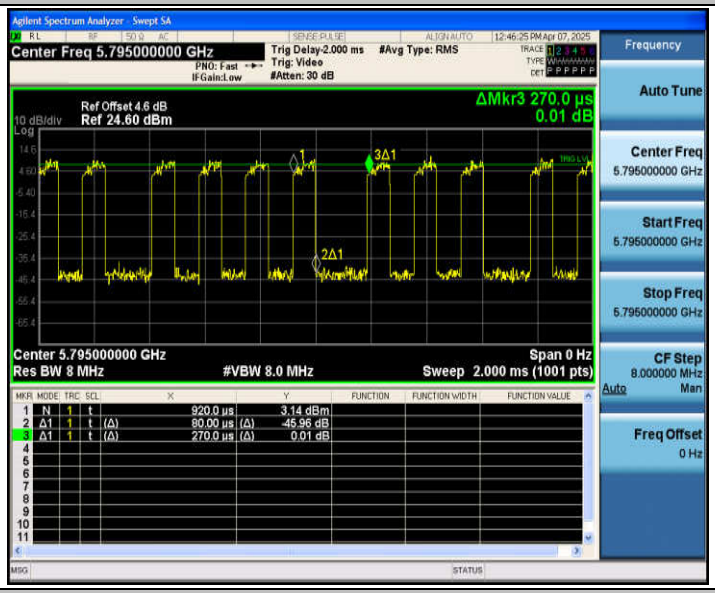

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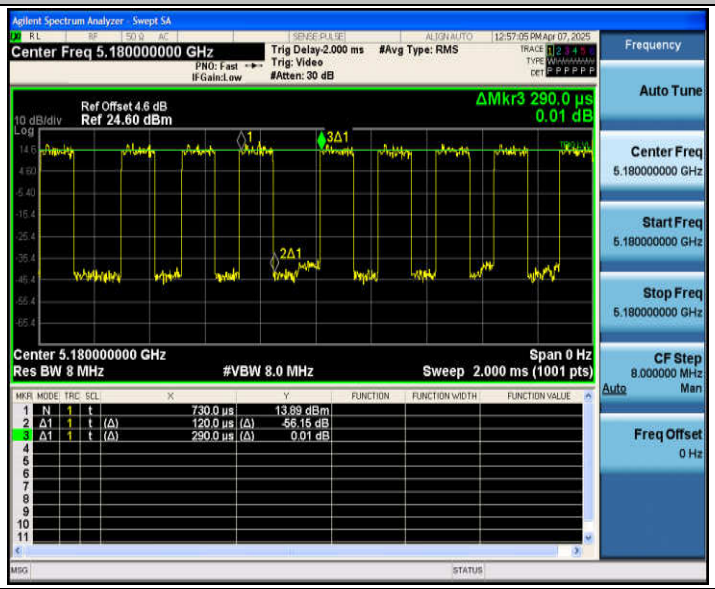

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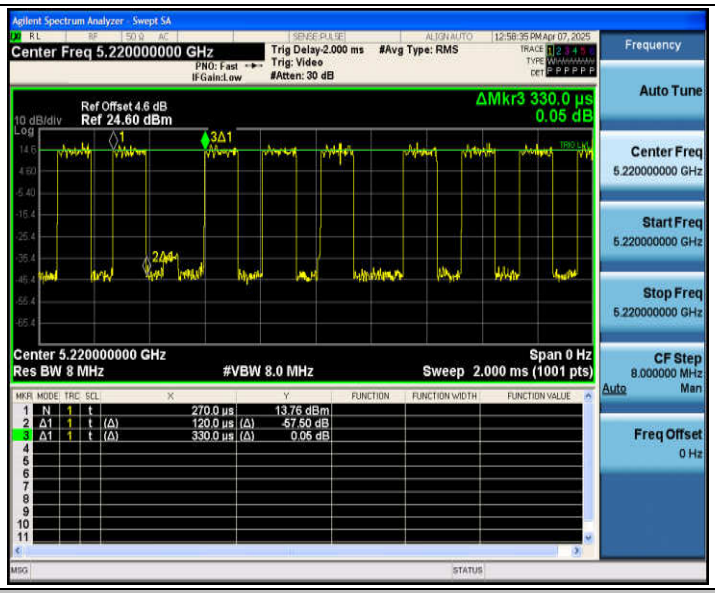

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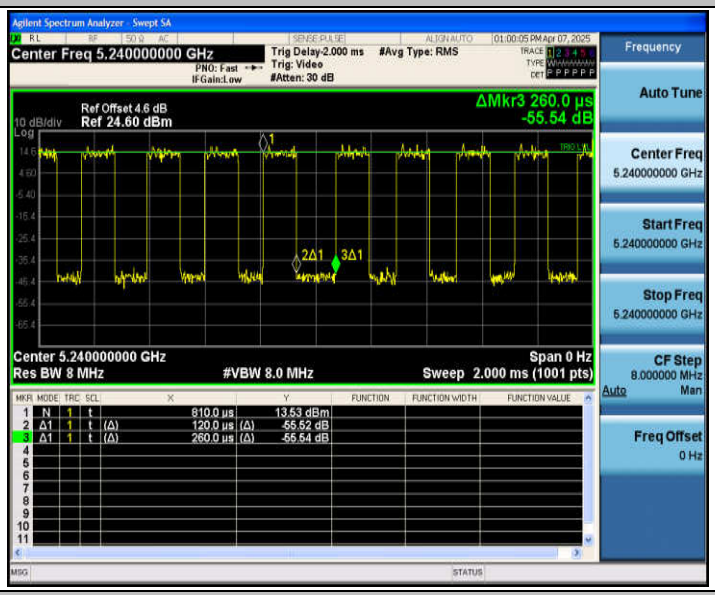

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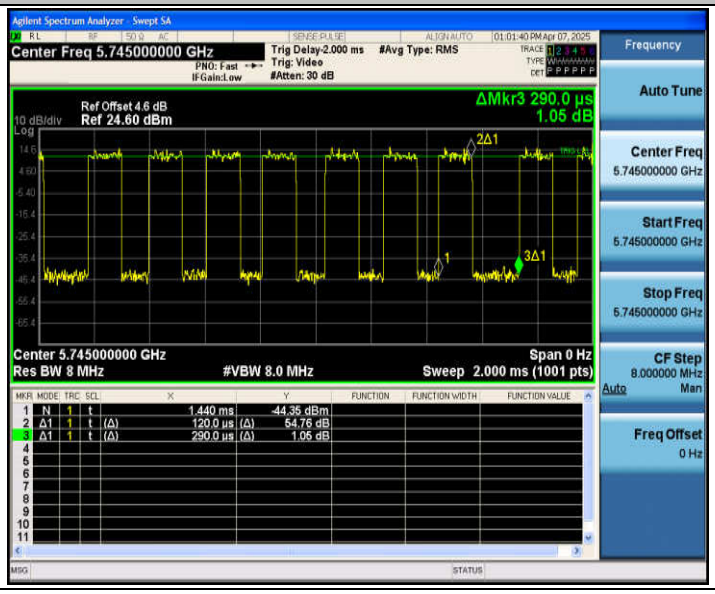

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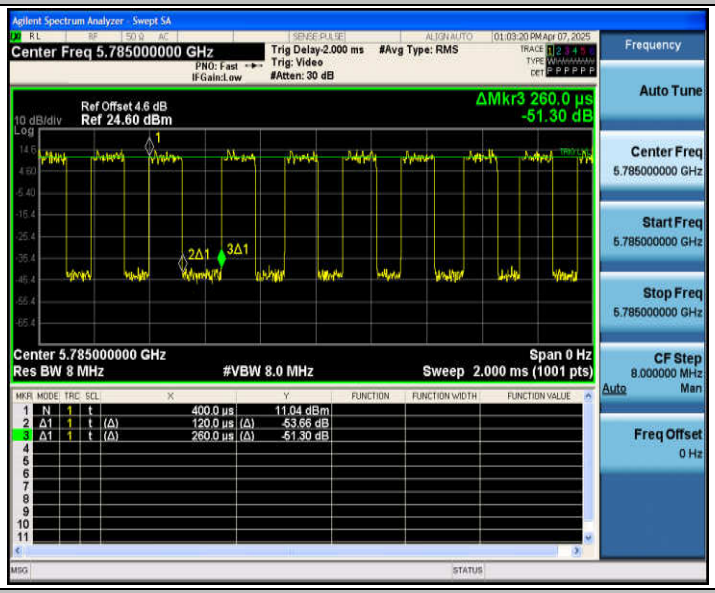

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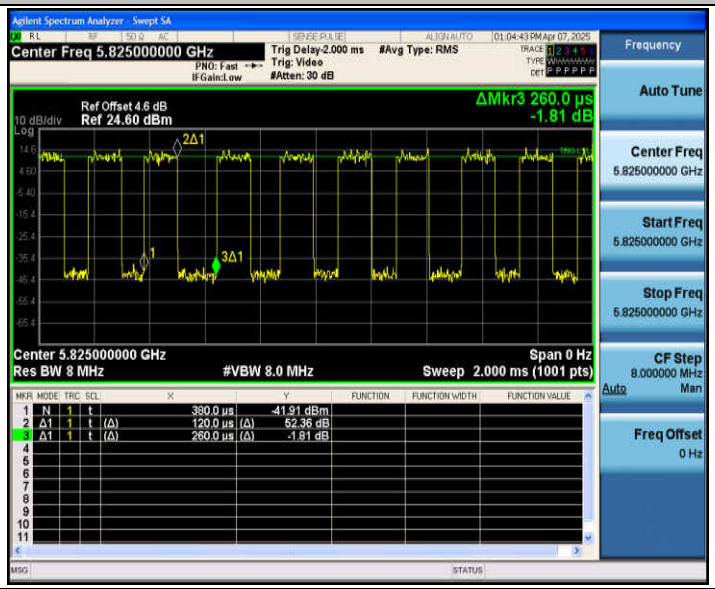

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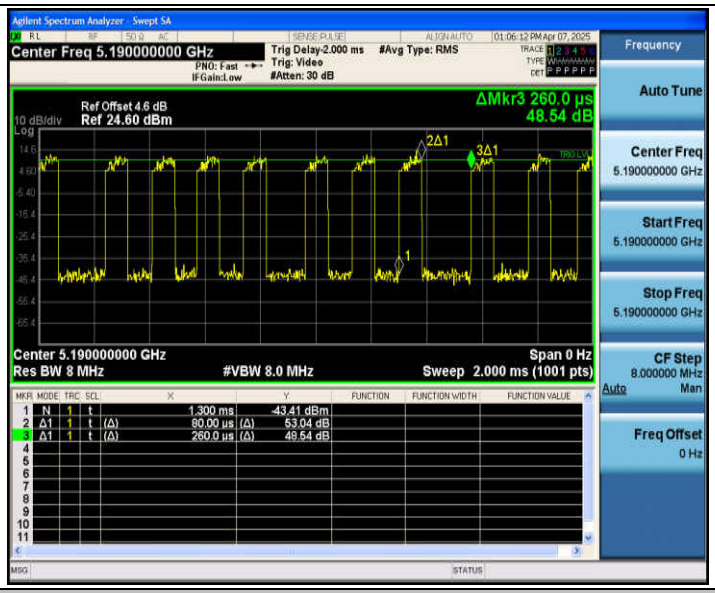

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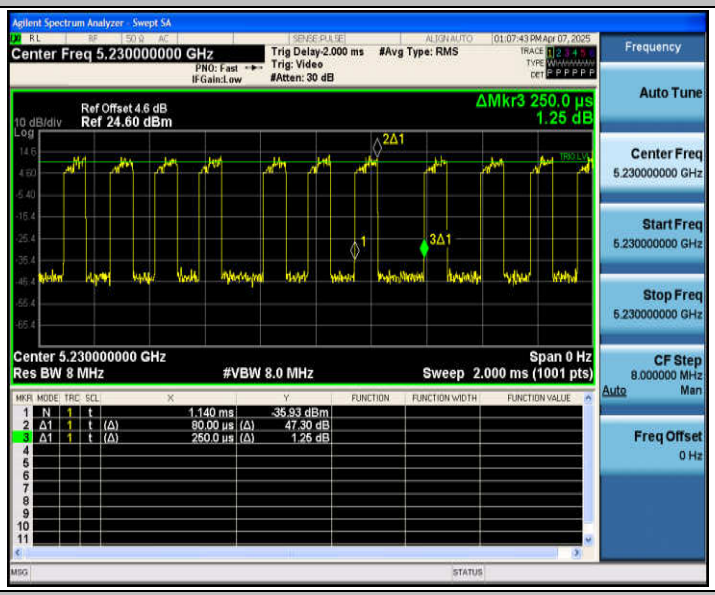

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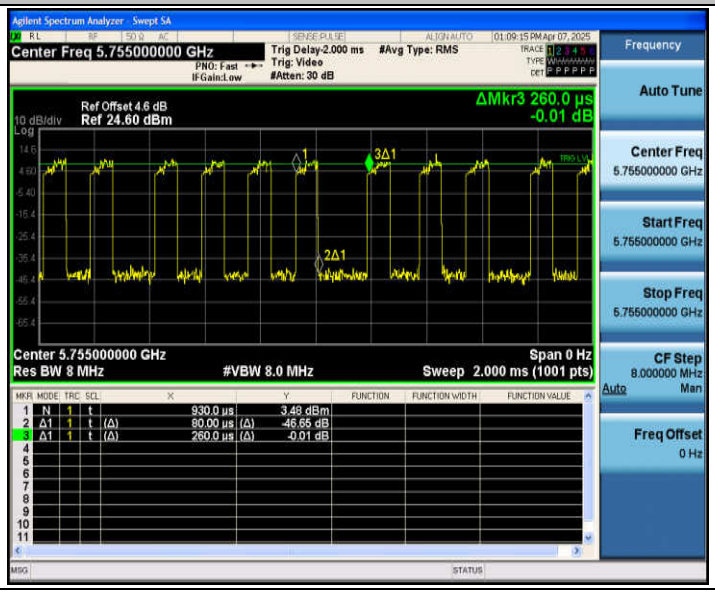

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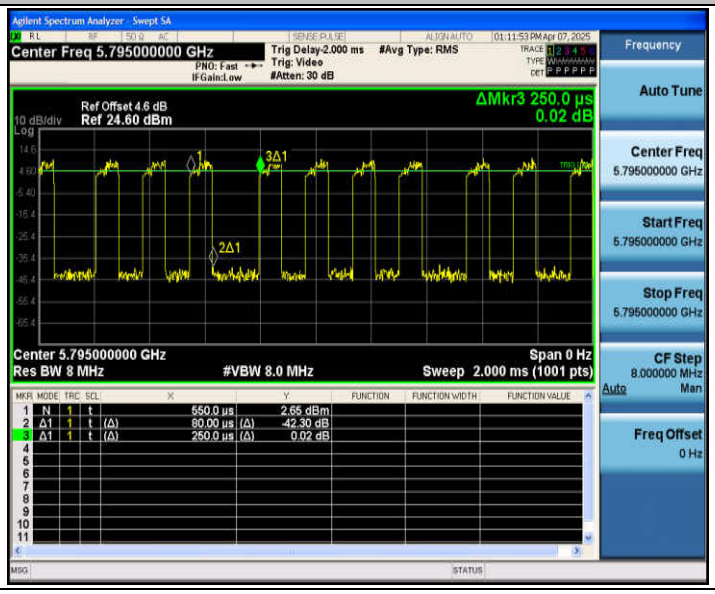

Appendix C: Maximum conducted output power

Test Mode	Antenna	Freq(MHz)	Conducted Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	9.19	39.29	4.06	13.25	≤23.98	PASS
		5220	9.07	39.29	4.06	13.13	≤23.98	PASS
		5240	9.15	39.29	4.06	13.21	≤23.98	PASS
		5745	7.13	52.17	2.83	9.96	≤30.00	PASS
		5785	6.46	39.29	4.06	10.52	≤30.00	PASS
		5825	6.47	37.93	4.21	10.68	≤30.00	PASS
11N20SISO	Ant1	5180	9.10	41.38	3.83	12.93	≤23.98	PASS
		5220	8.96	39.29	4.06	13.02	≤23.98	PASS
		5240	9.07	42.31	3.74	12.81	≤23.98	PASS
		5745	7.12	39.29	4.06	11.18	≤30.00	PASS
		5785	6.46	52.17	2.83	9.29	≤30.00	PASS
		5825	6.46	40.74	3.90	10.36	≤30.00	PASS
11N40SISO	Ant1	5190	7.41	25.93	5.86	13.27	≤23.98	PASS
		5230	7.44	28.00	5.53	12.97	≤23.98	PASS
		5755	5.19	30.77	5.12	10.31	≤30.00	PASS
		5795	4.78	33.33	4.77	9.55	≤30.00	PASS
11AC20SISO	Ant1	5180	9.29	40.00	3.98	13.27	≤23.98	PASS
		5220	9.10	41.38	3.83	12.93	≤23.98	PASS
		5240	9.26	40.00	3.98	13.24	≤23.98	PASS
		5745	7.26	41.38	3.83	11.09	≤30.00	PASS
		5785	6.63	37.50	4.26	10.89	≤30.00	PASS
		5825	6.63	36.36	4.39	11.02	≤30.00	PASS
11AC40SISO	Ant1	5190	7.60	26.92	5.70	13.30	≤23.98	PASS
		5230	7.69	28.00	5.53	13.22	≤23.98	PASS
		5755	5.52	26.92	5.70	11.22	≤30.00	PASS
		5795	4.99	29.63	5.28	10.27	≤30.00	PASS
11AX20SISO	Ant1	5180	9.28	41.38	3.83	13.11	≤23.98	PASS
		5220	9.12	36.36	4.39	13.51	≤23.98	PASS
		5240	9.26	46.15	3.36	12.62	≤23.98	PASS
		5745	7.29	41.38	3.83	11.12	≤30.00	PASS
		5785	6.68	46.15	3.36	10.04	≤30.00	PASS
		5825	6.65	46.15	3.36	10.01	≤30.00	PASS
11AX40SISO	Ant1	5190	7.59	30.77	5.12	12.71	≤23.98	PASS
		5230	7.63	32.00	4.95	12.58	≤23.98	PASS
		5755	5.53	30.77	5.12	10.65	≤30.00	PASS
		5795	5.04	32.00	4.95	9.99	≤30.00	PASS

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

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.54	≤11.00	PASS
		5220	2.54	≤11.00	PASS
		5240	2.39	≤11.00	PASS
		5745	-2.25	≤30.00	PASS
		5785	-2.35	≤30.00	PASS
		5825	-2.41	≤30.00	PASS
11N20SISO	Ant1	5180	1.97	≤11.00	PASS
		5220	2.59	≤11.00	PASS
		5240	2.00	≤11.00	PASS
		5745	-1.69	≤30.00	PASS
		5785	-3.28	≤30.00	PASS
		5825	-2.11	≤30.00	PASS
11N40SISO	Ant1	5190	0.00	≤11.00	PASS
		5230	-0.70	≤11.00	PASS
		5755	-4.65	≤30.00	PASS
		5795	-5.07	≤30.00	PASS
11AC20SISO	Ant1	5180	2.78	≤11.00	PASS
		5220	1.92	≤11.00	PASS
		5240	2.27	≤11.00	PASS
		5745	-1.97	≤30.00	PASS
		5785	-1.96	≤30.00	PASS
		5825	-2.30	≤30.00	PASS
11AC40SISO	Ant1	5190	0.57	≤11.00	PASS
		5230	-0.12	≤11.00	PASS
		5755	-4.02	≤30.00	PASS
		5795	-5.36	≤30.00	PASS
11AX20SISO	Ant1	5180	2.59	≤11.00	PASS
		5220	3.12	≤11.00	PASS
		5240	2.14	≤11.00	PASS
		5745	-1.76	≤30.00	PASS
		5785	-2.64	≤30.00	PASS
		5825	-3.05	≤30.00	PASS
11AX40SISO	Ant1	5190	-0.16	≤11.00	PASS
		5230	-1.10	≤11.00	PASS
		5755	-3.94	≤30.00	PASS
		5795	-5.25	≤30.00	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz).

2. RBW factor = 10 log (500 KHz / 300 KHz) = 2.22 dB

3. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

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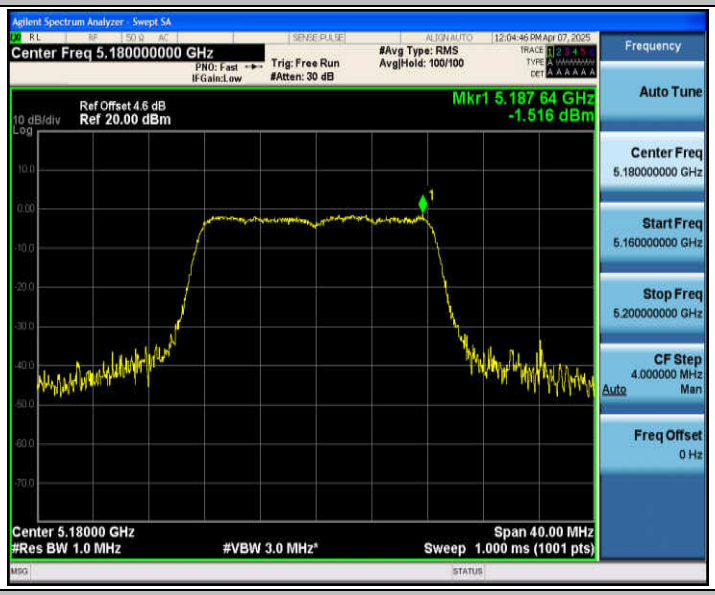
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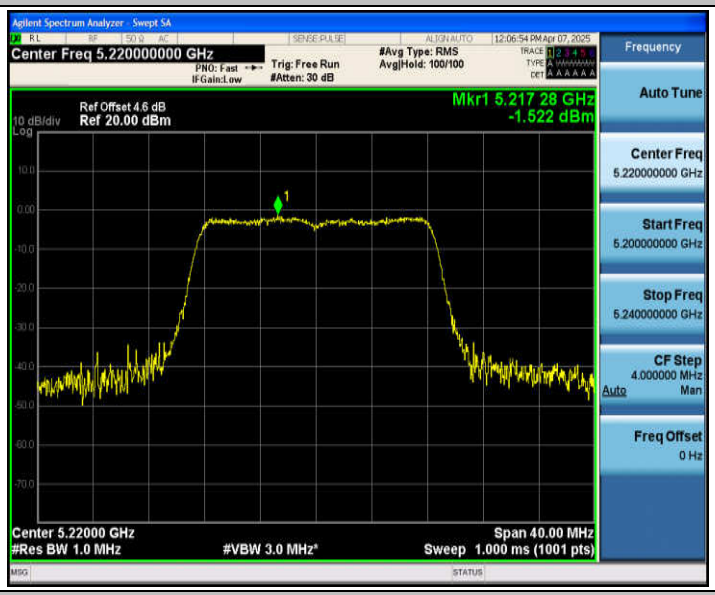
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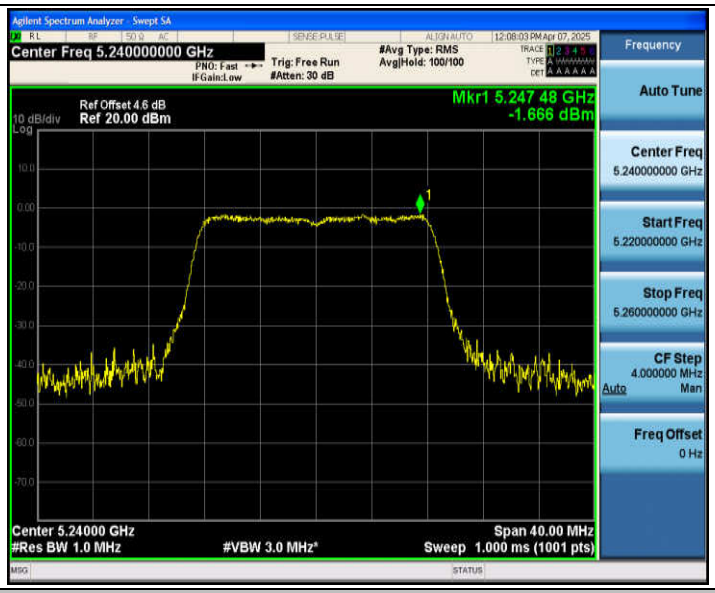
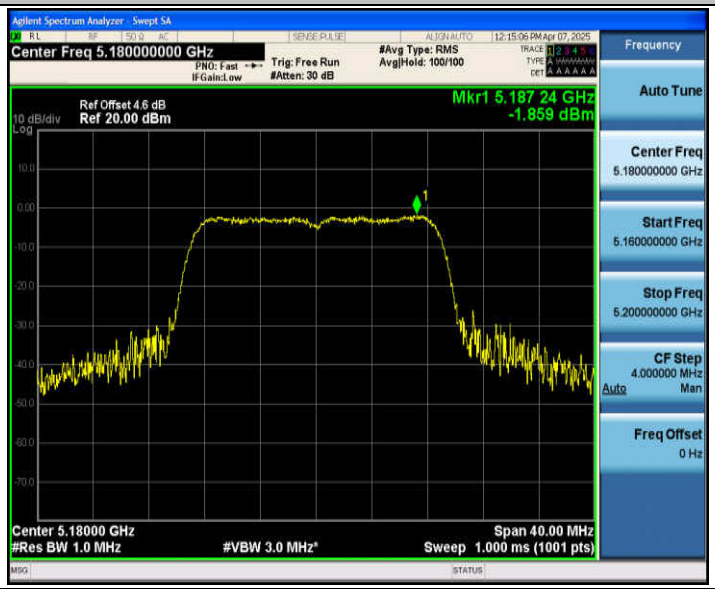


11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20SISO_Ant1_5180



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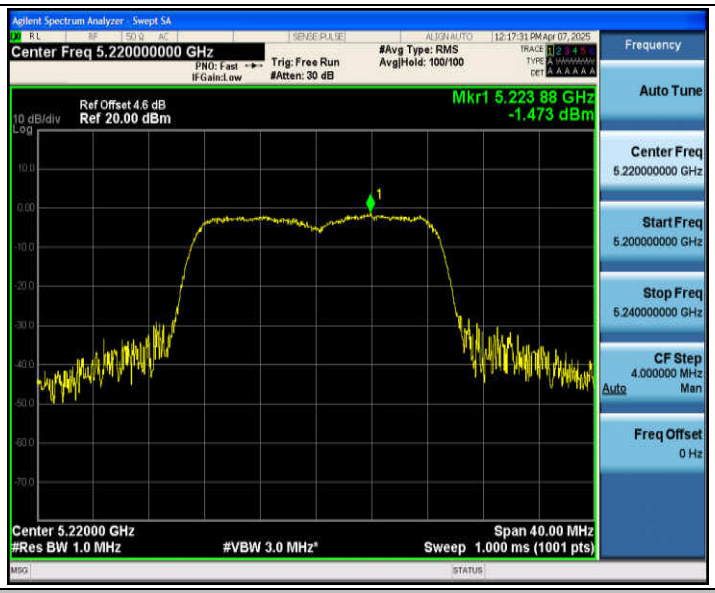

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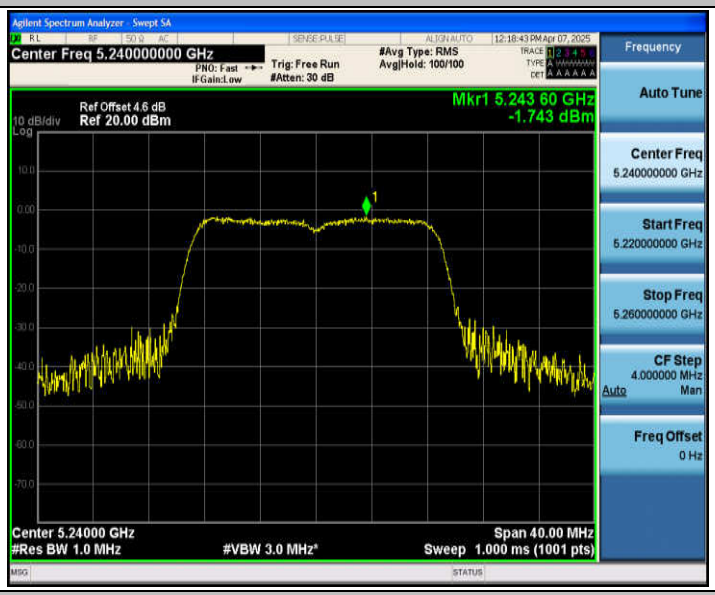
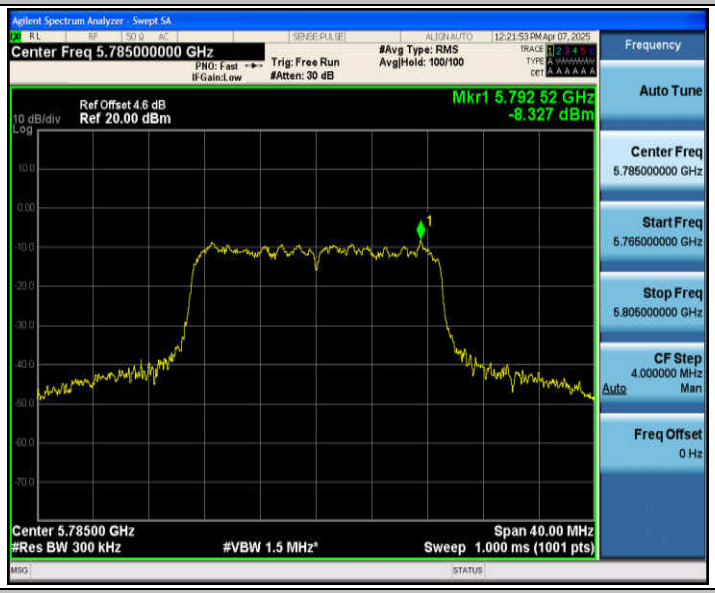


11N20SISO_Ant1_5745

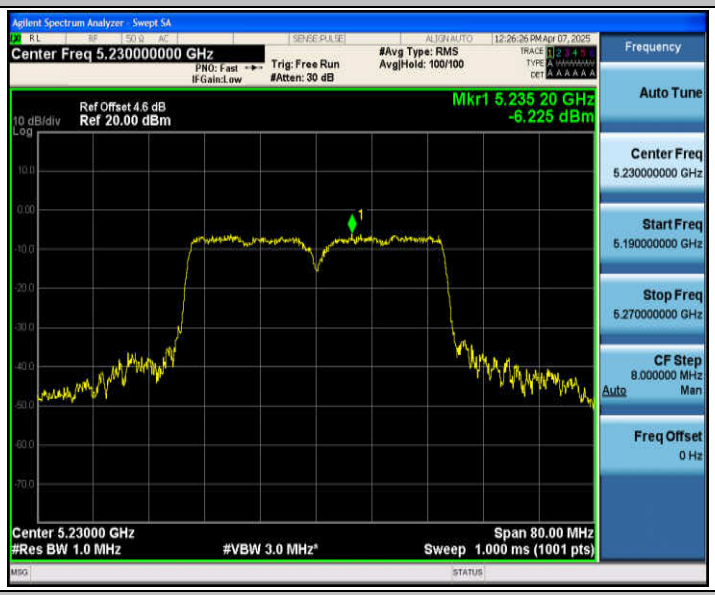
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825

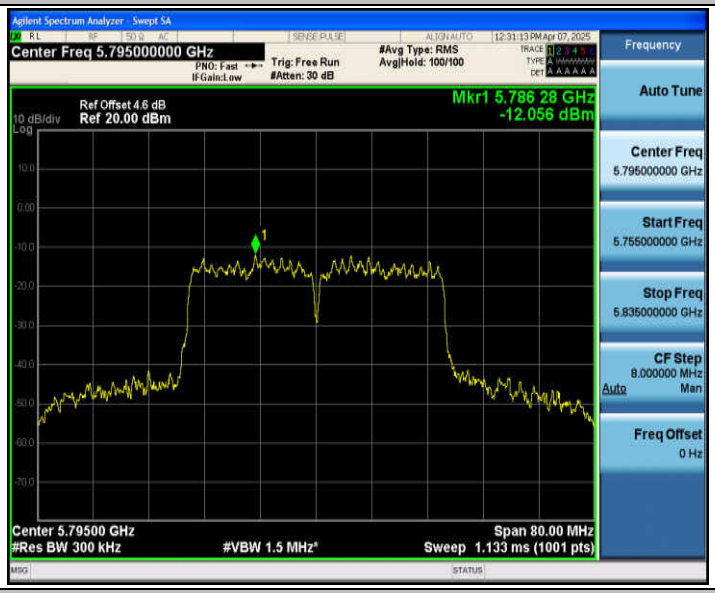
11N40SISO_Ant1_5190

11N40SISO_Ant1_5230



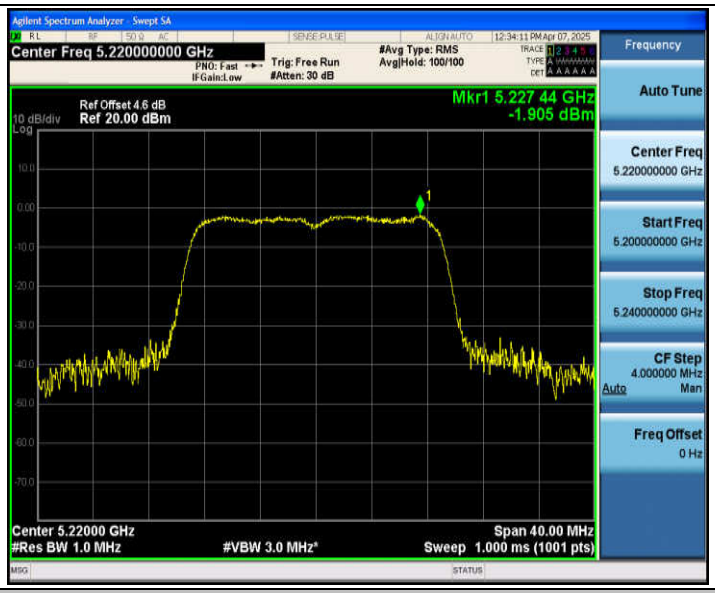
11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

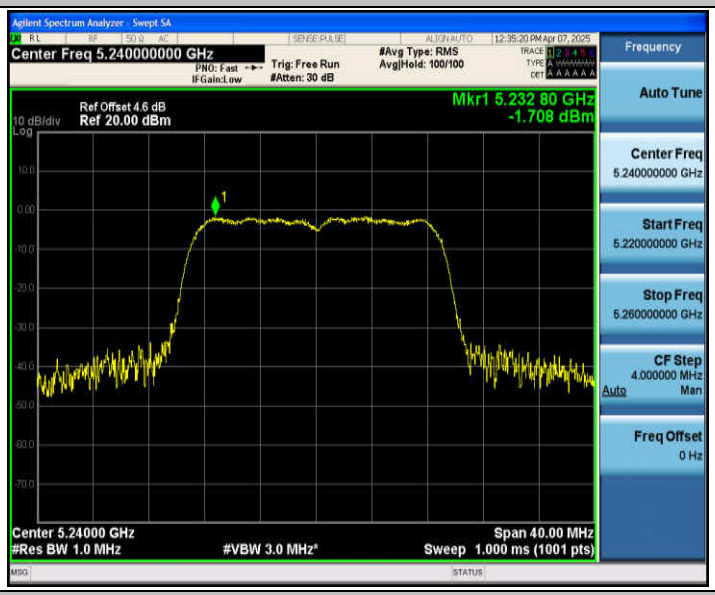


11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5220



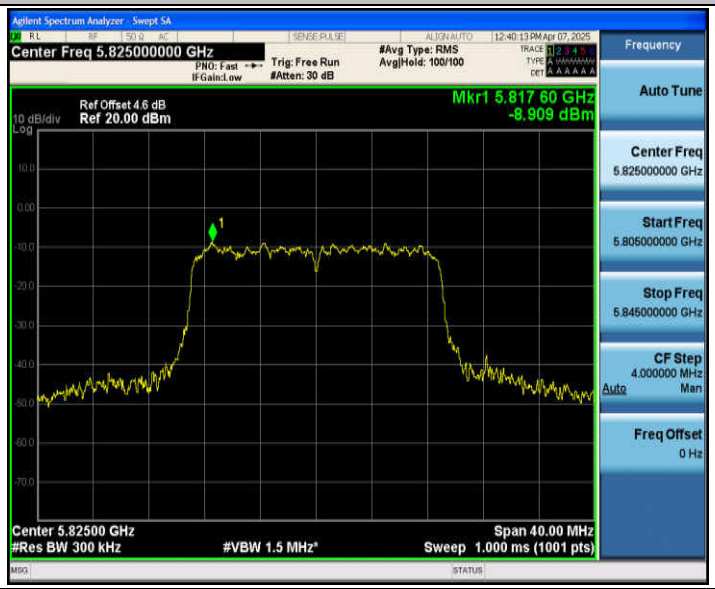
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745

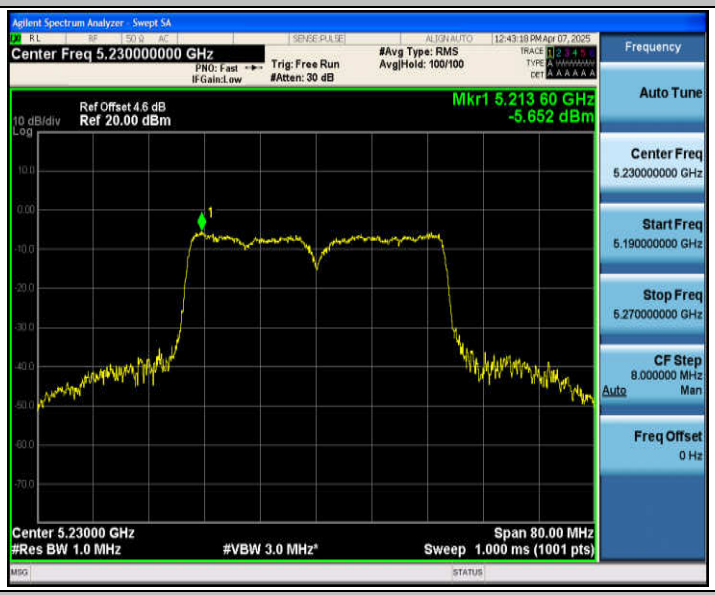
11AC20SISO_Ant1_5785

11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230

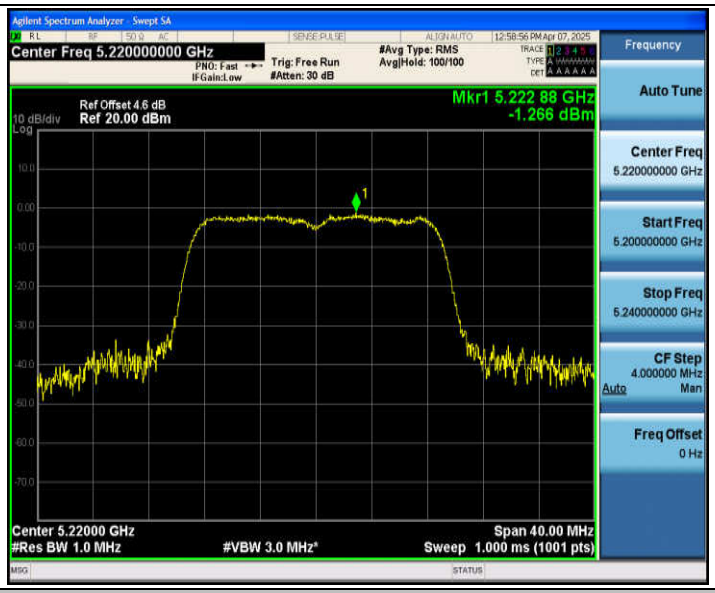


11AC40SISO_Ant1_5755

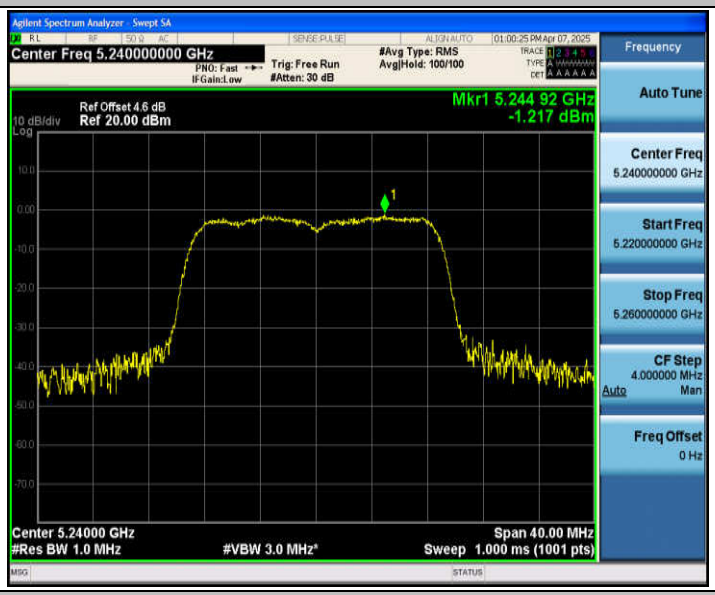
11AC40SISO_Ant1_5795

11AX20SISO_Ant1_5180

11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



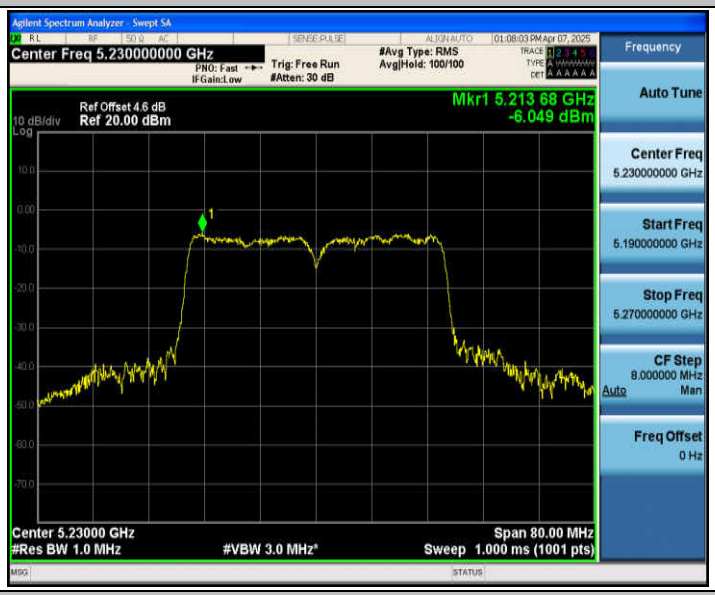
11AX20SISO_Ant1_5745

11AX20SISO_Ant1_5785

11AX20SISO_Ant1_5825

11AX40SISO_Ant1_5190

11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755

11AX40SISO_Ant1_5795

Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.14	≤-27	PASS
		High	5240	-45.43	≤-27	PASS
11N20SISO	Ant1	Low	5180	-35.45	≤-27	PASS
		High	5240	-45.84	≤-27	PASS
11N40SISO	Ant1	Low	5190	-34.42	≤-27	PASS
		High	5230	-45.48	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-36.28	≤-27	PASS
		High	5240	-45.54	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-33.97	≤-27	PASS
		High	5230	-45.54	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-36.08	≤-27	PASS
		High	5240	-45.93	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-35.61	≤-27	PASS
		High	5230	-46.14	≤-27	PASS

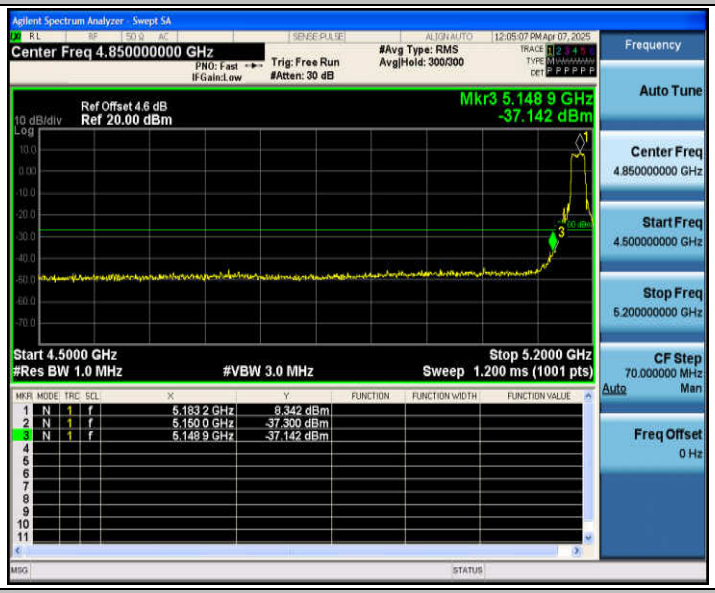
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-48.04	≤-26.87	PASS
				5700~5720	-36.52	≤14.05	PASS
				5720~5725	-26.61	≤23.42	PASS
				5760~5650	-47.76	≤-27	PASS
		High	5825	5850~5855	-34.94	≤20.96	PASS
				5855~5875	-38.62	≤15.24	PASS
				5875~5925	-47.32	≤-26.91	PASS
				5925~5935	-45.25	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-47.53	≤-26.96	PASS
				5700~5720	-36.05	≤15.24	PASS
				5720~5725	-23.25	≤21.32	PASS
				5760~5650	-46.01	≤-27	PASS
		High	5825	5850~5855	-34.67	≤20.03	PASS
				5855~5875	-38.89	≤15.12	PASS
				5875~5925	-46.7	≤-26.71	PASS
				5925~5935	-45.55	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-47.2	≤-26.50	PASS
				5700~5720	-24.07	≤15.01	PASS
				5720~5725	-23.81	≤15.74	PASS

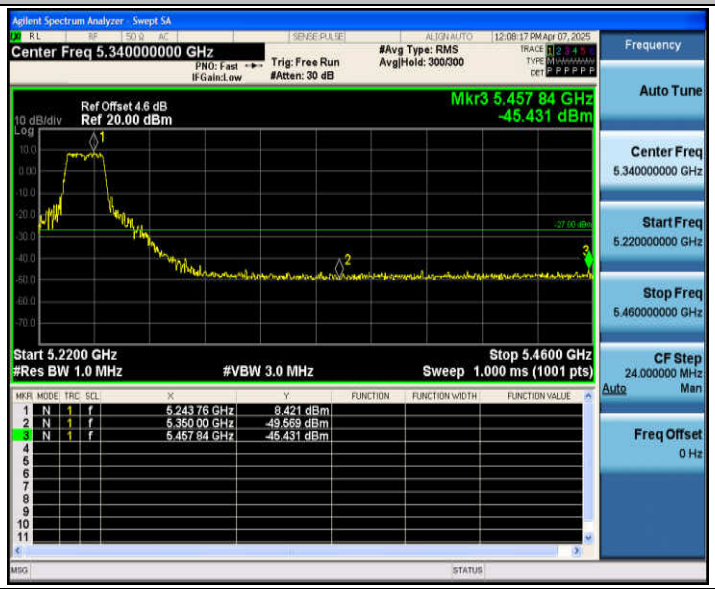
				5780~5650	-44.81	≤-27	PASS
		High	5795	5850~5855	-43.84	≤16.79	PASS
				5855~5875	-46.47	≤10.20	PASS
				5875~5925	-46.32	≤-26.10	PASS
				5925~5935	-44.93	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-46.07	≤-26.62	PASS
				5700~5720	-35.58	≤15.56	PASS
				5720~5725	-25.32	≤20.54	PASS
				5760~5650	-45.93	≤-27	PASS
		High	5825	5850~5855	-36.01	≤16.34	PASS
				5855~5875	-38.79	≤14.41	PASS
				5875~5925	-47.08	≤-26.71	PASS
				5925~5935	-44.83	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-47.42	≤-26.60	PASS
				5700~5720	-26.25	≤14.37	PASS
				5720~5725	-24.76	≤18.20	PASS
				5780~5650	-46.75	≤-27	PASS
		High	5795	5850~5855	-45.3	≤15.66	PASS
				5855~5875	-45.82	≤10.06	PASS
				5875~5925	-46.5	≤-26.59	PASS
				5925~5935	-45.39	≤-27	PASS
11AX20S ISO	Ant1	Low	5745	5650~5700	-47.87	≤-26.27	PASS
				5700~5720	-34.18	≤15.59	PASS
				5720~5725	-28.16	≤17.65	PASS
				5760~5650	-47.34	≤-27	PASS
		High	5825	5850~5855	-38.28	≤16.34	PASS
				5855~5875	-39.38	≤14.82	PASS
				5875~5925	-47.05	≤-26.81	PASS
				5925~5935	-46.44	≤-27	PASS
11AX40S ISO	Ant1	Low	5755	5650~5700	-47.06	≤-26.90	PASS
				5700~5720	-25.29	≤15.28	PASS
				5720~5725	-25.57	≤16.97	PASS
				5780~5650	-47.23	≤-27	PASS
		High	5795	5850~5855	-44.54	≤15.66	PASS
				5855~5875	-43.89	≤11.82	PASS
				5875~5925	-46.3	≤-26.59	PASS
				5925~5935	-46.07	≤-27	PASS

Test Graphs B1

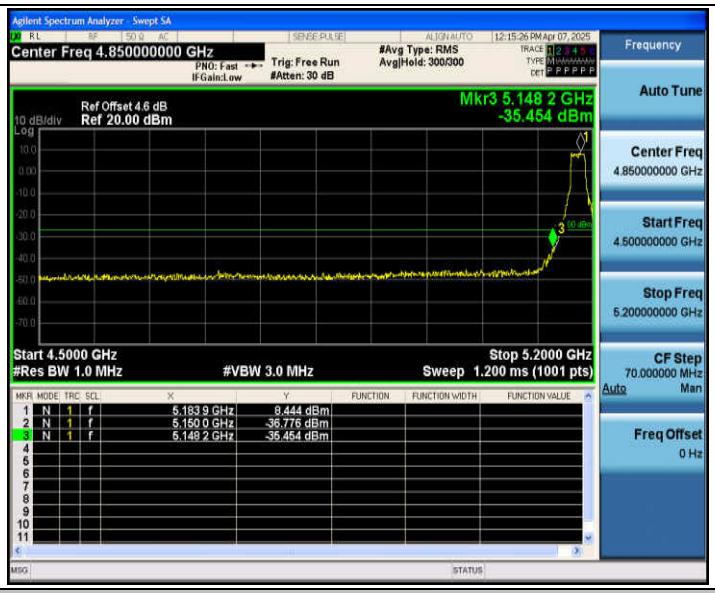
11A_Ant1_Low_5180



11A_Ant1_High_5240

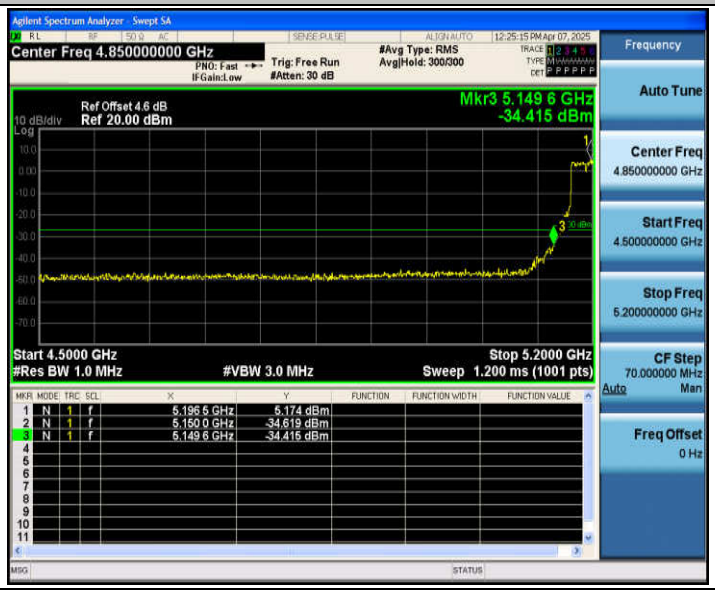


11N20SISO_Ant1_Low_5180



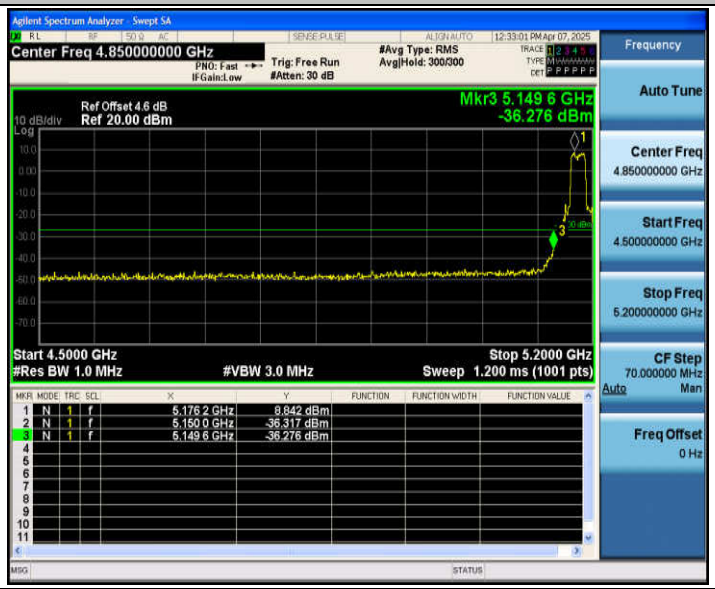
11N20SISO_Ant1_High_5240

11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230

11AC20SISO_Ant1_Low_5180



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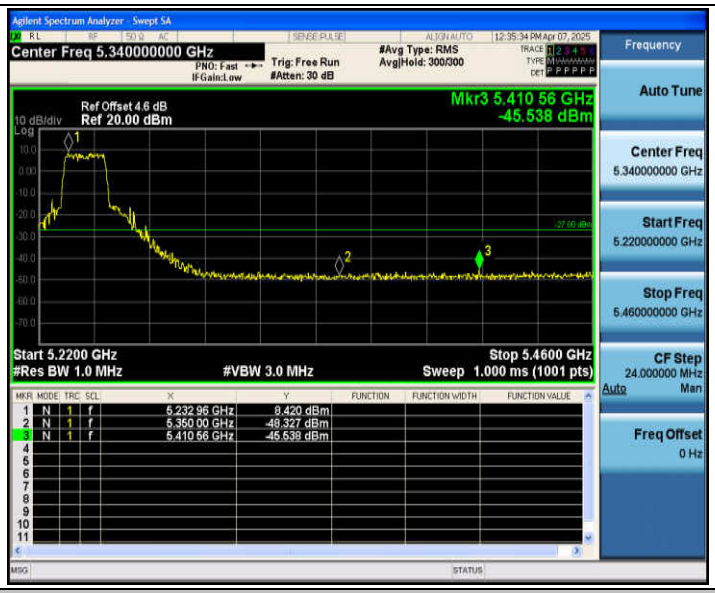
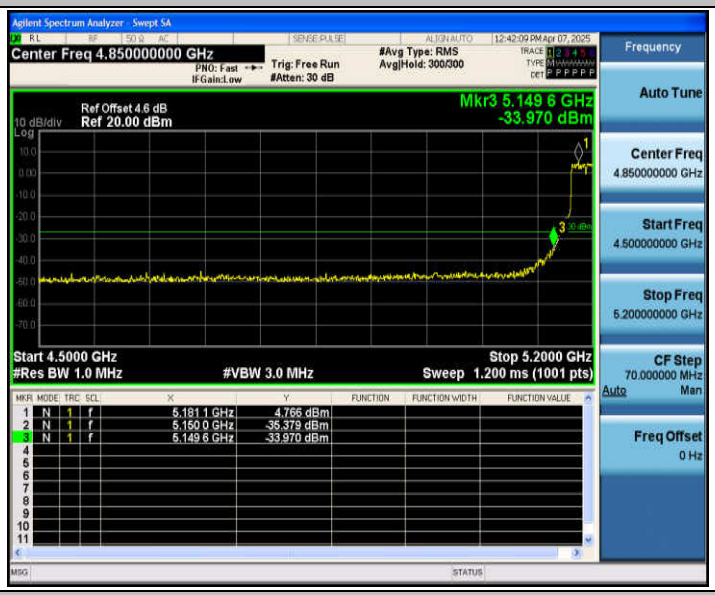
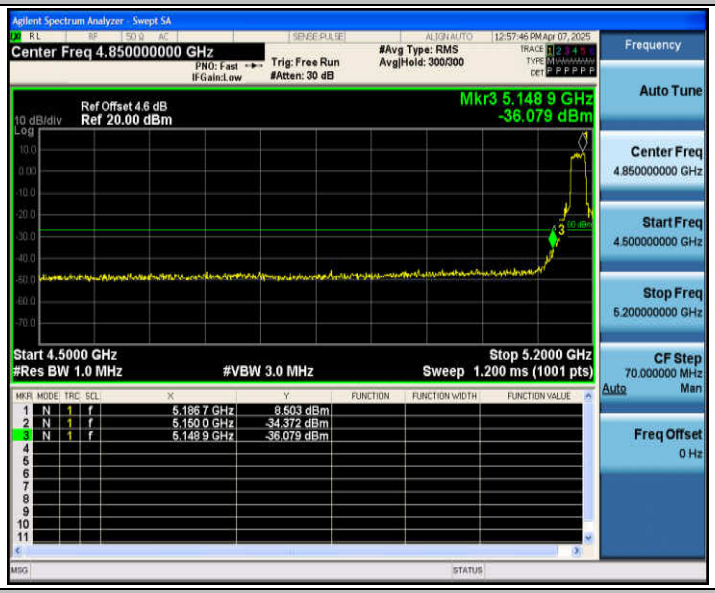


11AC40SISO_Ant1_Low_5190

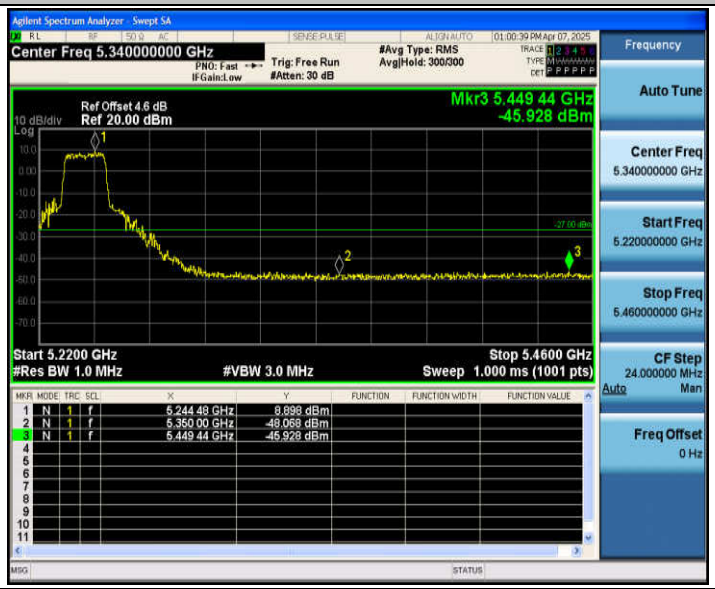


11AC40SISO_Ant1_High_5230

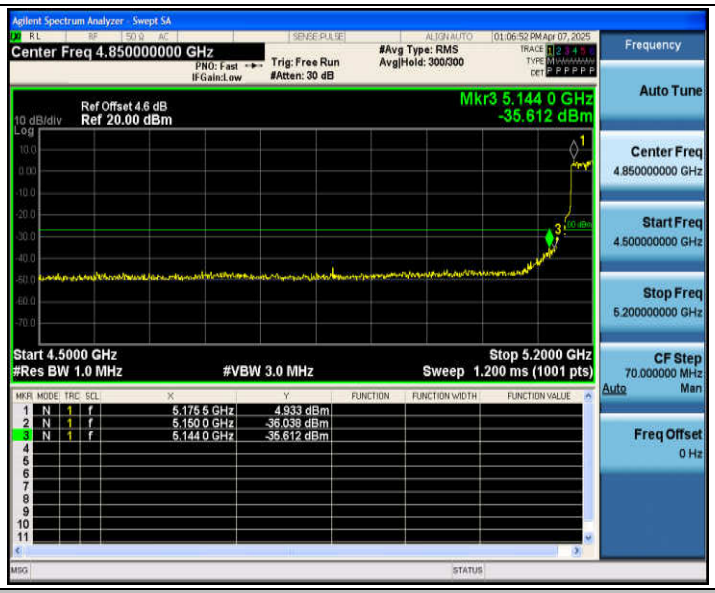
11AX20SISO_Ant1_Low_5180



11AX20SISO_Ant1_High_5240



11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230

Test Graphs B4

11A_Ant1_Low_5745

11A_Ant1_High_5825

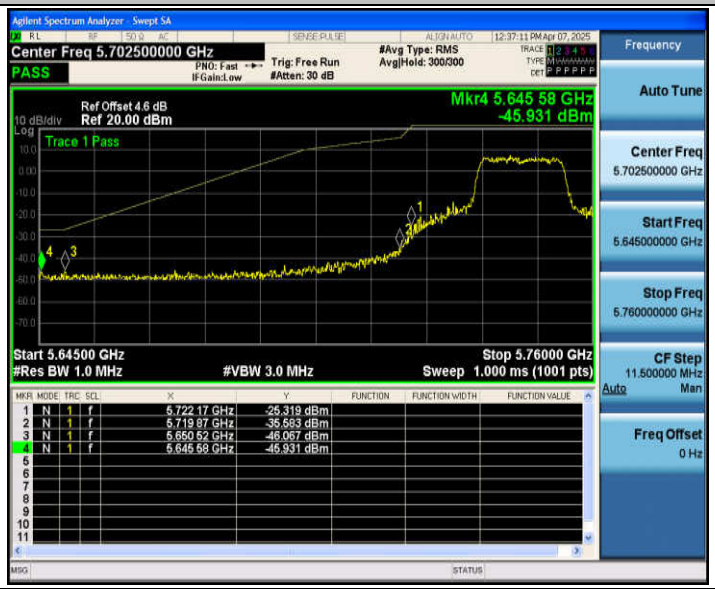
11N20SISO_Ant1_Low_5745

11N20SISO_Ant1_High_5825

11N40SISO_Ant1_Low_5755

11N40SISO_Ant1_High_5795

11AC20SISO_Ant1_Low_5745



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