Appendix E.4: 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	5260	16.08	97.51	0.11	16.19	≤23.98	PASS
		5280	16.34	97.51	0.11	16.45	≤23.98	PASS
		5320	16.27	98.00	0.09	16.36	≤23.98	PASS
11N20SISO	Ant1	5260	15.99	97.51	0.11	16.10	≤23.98	PASS
		5280	16.26	98.01	0.09	16.35	≤23.98	PASS
		5320	16.20	97.52	0.11	16.31	≤23.98	PASS
11N40SISO	Ant1	5270	17.78	97.52	0.11	17.89	≤23.98	PASS
		5310	17.54	97.52	0.11	17.65	≤23.98	PASS
11AC20SISO	Ant1	5260	16.01	97.50	0.11	16.12	≤23.98	PASS
		5280	16.25	97.50	0.11	16.36	≤23.98	PASS
		5320	16.19	97.50	0.11	16.30	≤23.98	PASS
11AC40SISO	Ant1	5270	17.82	97.51	0.11	17.93	≤23.98	PASS
		5310	17.58	98.00	0.09	17.67	≤23.98	PASS
11AC80SISO	Ant1	5290	17.20	97.51	0.11	17.31	≤23.98	PASS
11AX20SISO	Ant1	5260	15.80	97.50	0.11	15.91	≤23.98	PASS
		5280	16.07	97.51	0.11	16.18	≤23.98	PASS
		5320	16.01	97.51	0.11	16.12	≤23.98	PASS
11AX40SISO	Ant1	5270	17.49	97.50	0.11	17.60	≤23.98	PASS
		5310	17.23	97.51	0.11	17.34	≤23.98	PASS
11AX80SISO	Ant1	5290	16.92	97.50	0.11	17.03	≤23.98	PASS

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

Appendix E.5: Maximum power spectral density

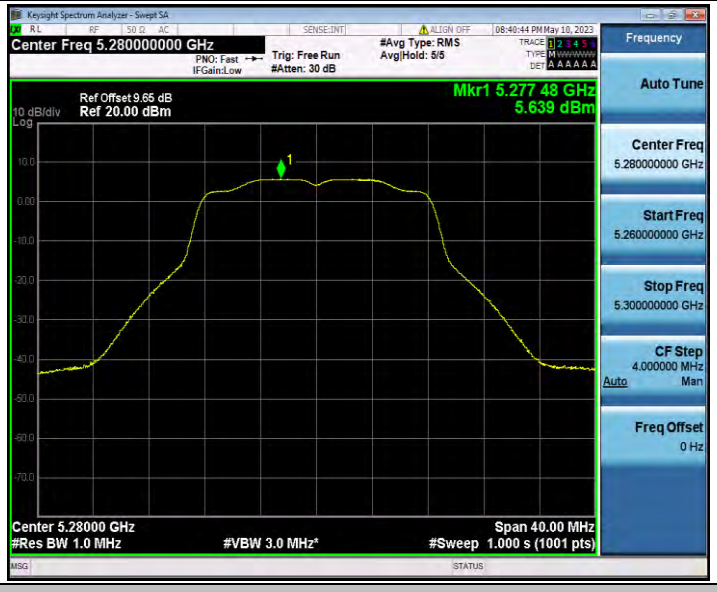
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	5.34	≤11.00	PASS
		5280	5.64	≤11.00	PASS
		5320	5.62	≤11.00	PASS
11N20SISO	Ant1	5260	5.06	≤11.00	PASS
		5280	5.36	≤11.00	PASS
		5320	5.28	≤11.00	PASS
11N40SISO	Ant1	5270	3.58	≤11.00	PASS
		5310	3.33	≤11.00	PASS
11AC20SISO	Ant1	5260	5.06	≤11.00	PASS
		5280	5.38	≤11.00	PASS
		5320	5.27	≤11.00	PASS
11AC40SISO	Ant1	5270	3.62	≤11.00	PASS
		5310	3.33	≤11.00	PASS
11AC80SISO	Ant1	5290	-0.19	≤11.00	PASS
11AX20SISO	Ant1	5260	4.67	≤11.00	PASS
		5280	4.91	≤11.00	PASS
		5320	4.91	≤11.00	PASS
11AX40SISO	Ant1	5270	3.08	≤11.00	PASS
		5310	2.83	≤11.00	PASS
11AX80SISO	Ant1	5290	-0.61	≤11.00	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

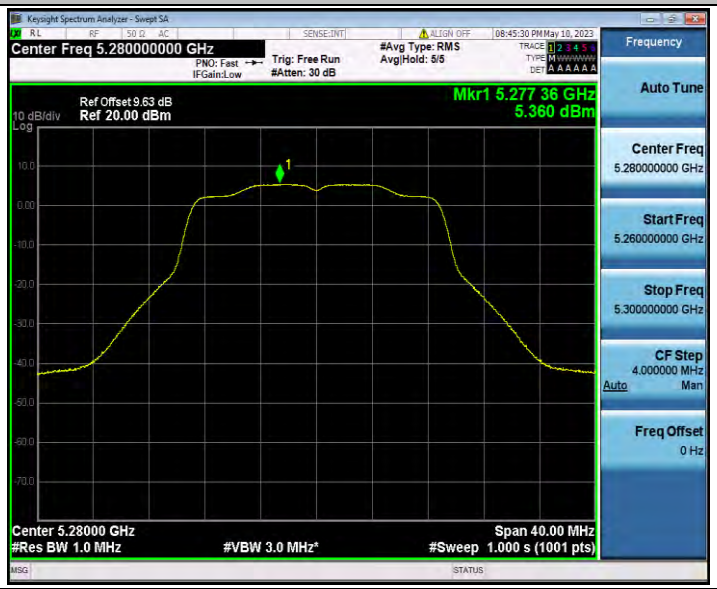
11A_Ant1_5260



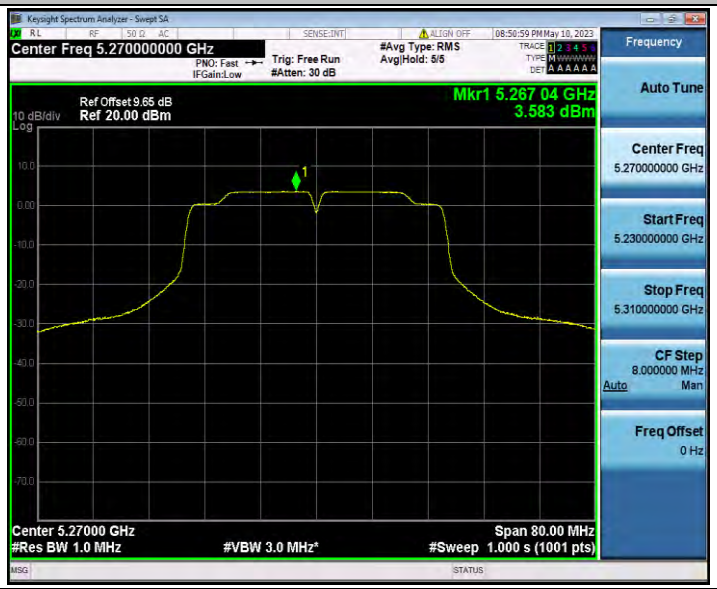
11A_Ant1_5280

11A_Ant1_5320

11N20SISO_Ant1_5260

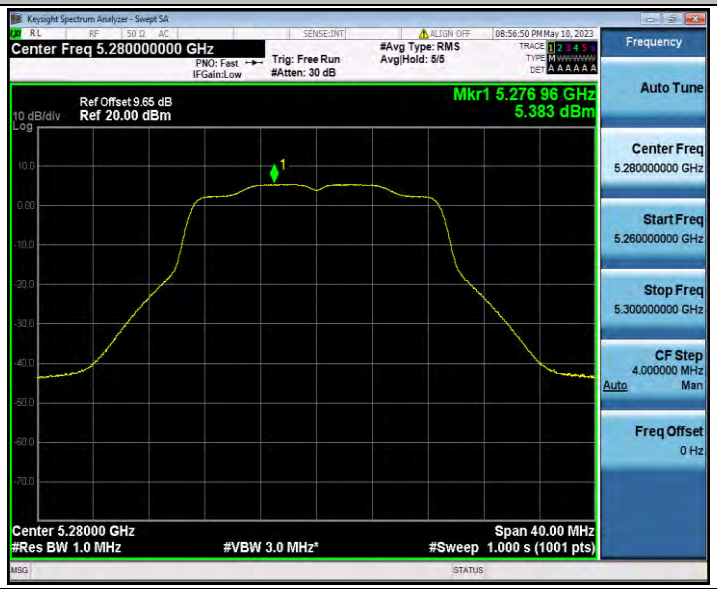


11N20SISO_Ant1_5280

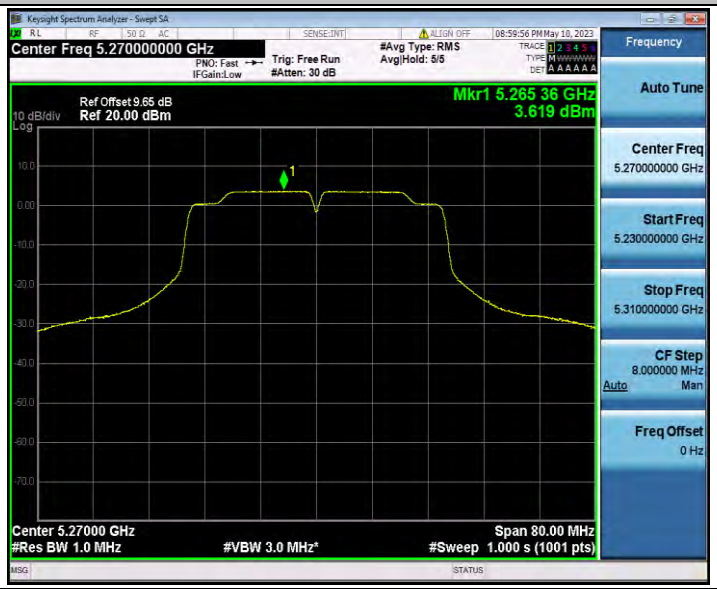
11N20SISO_Ant1_5320

11N40SISO_Ant1_5270

11N40SISO_Ant1_5310

11AC20SISO_Ant1_5260



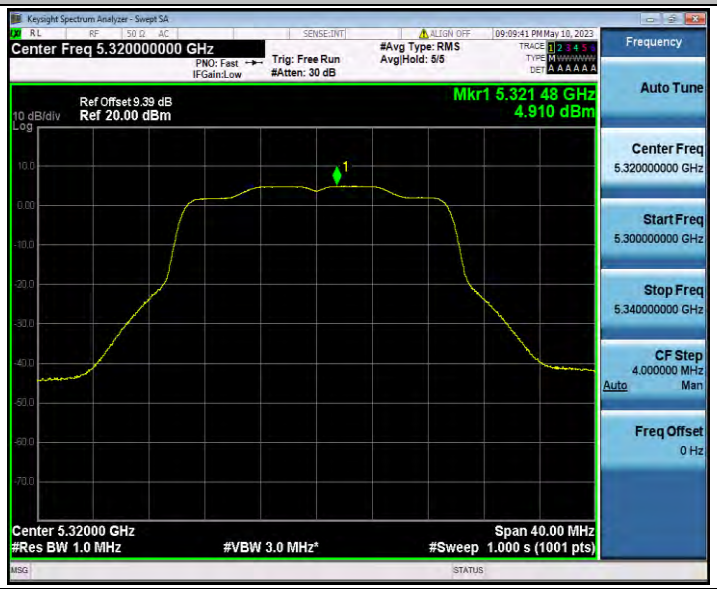
11AC20SISO_Ant1_5280

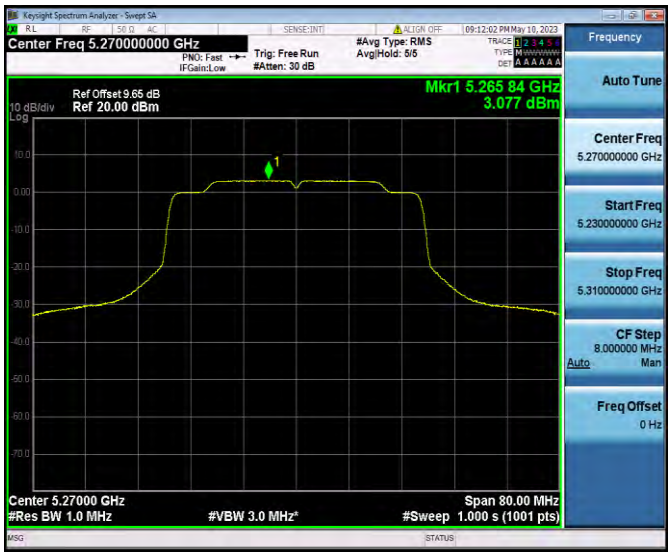
11AC20SISO_Ant1_5320

11AC40SISO_Ant1_5270

11AC40SISO_Ant1_5310

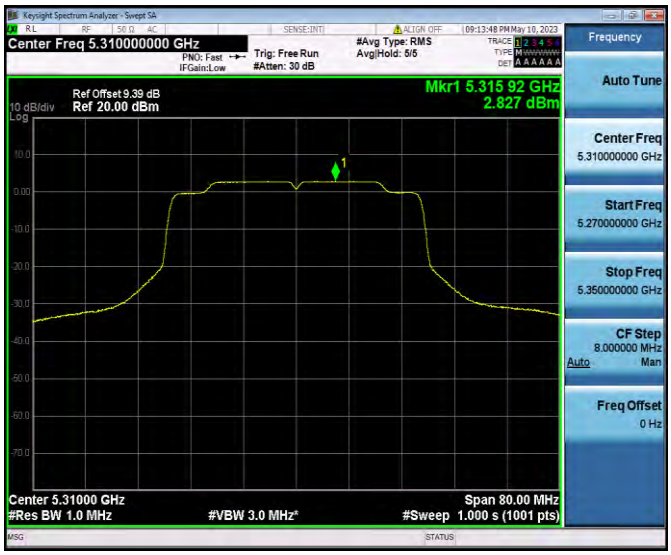
11AC80SISO_Ant1_5290

11AX20SISO_Ant1_5260

11AX20SISO_Ant1_5280

11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310

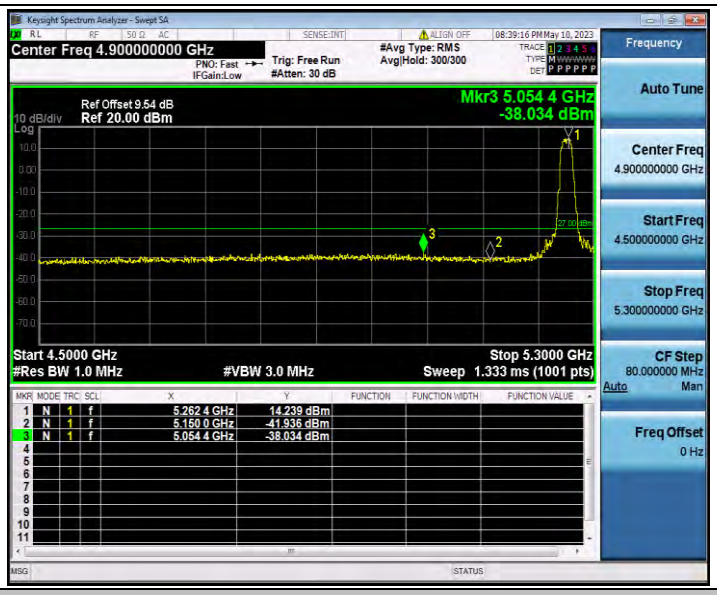
11AX80SISO_Ant1_5290

Appendix E.6: Band edge measurements

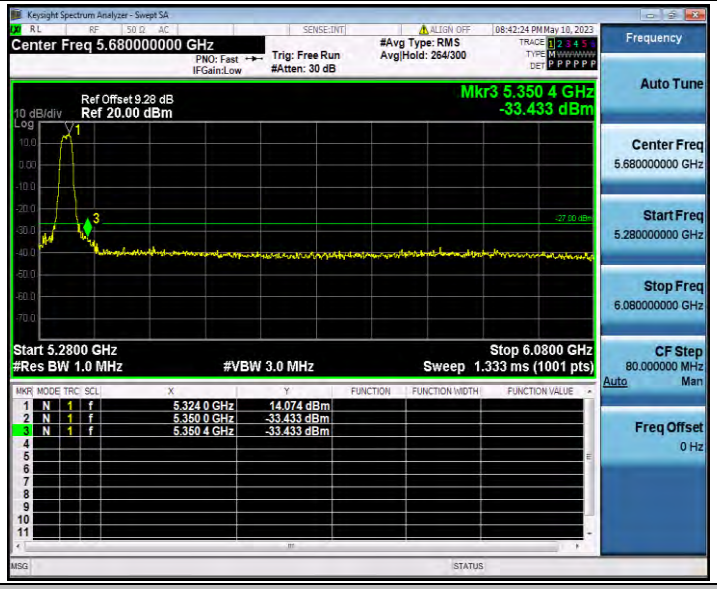
Test Result B2

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5260	-38.03	≤-27	PASS
		High	5320	-33.43	≤-27	PASS
11N20SISO	Ant1	Low	5260	-37.82	≤-27	PASS
		High	5320	-33.25	≤-27	PASS
11N40SISO	Ant1	Low	5270	-38.02	≤-27	PASS
		High	5310	-37.53	≤-27	PASS
11AC20SISO	Ant1	Low	5260	-36.77	≤-27	PASS
		High	5320	-32.06	≤-27	PASS
11AC40SISO	Ant1	Low	5270	-38.24	≤-27	PASS
		High	5310	-37.59	≤-27	PASS
11AC80SISO	Ant1	Low	5290	-35.37	≤-27	PASS
		High	5290	-38.96	≤-27	PASS
11AX20SISO	Ant1	Low	5260	-37.85	≤-27	PASS
		High	5320	-34.12	≤-27	PASS
11AX40SISO	Ant1	Low	5270	-37.95	≤-27	PASS
		High	5310	-38.18	≤-27	PASS
11AX80SISO	Ant1	Low	5290	-36.25	≤-27	PASS
		High	5290	-34.69	≤-27	PASS

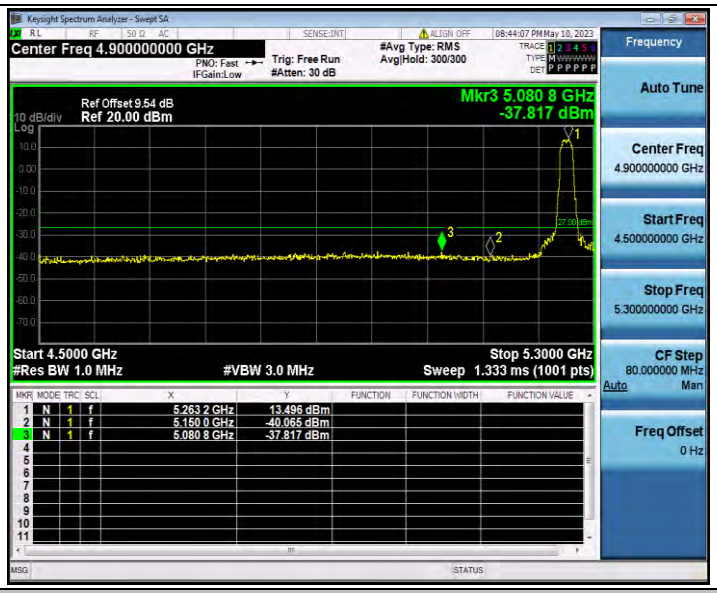
Test Graphs B2



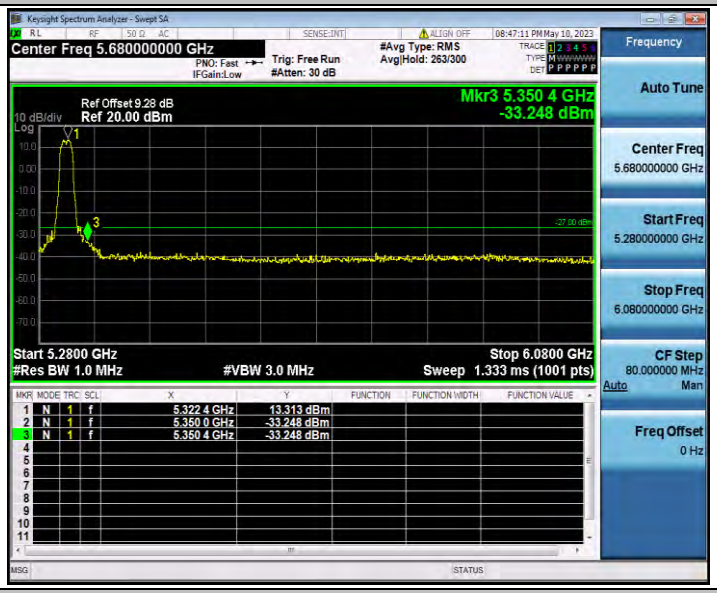
11A_Ant1_Low_5260



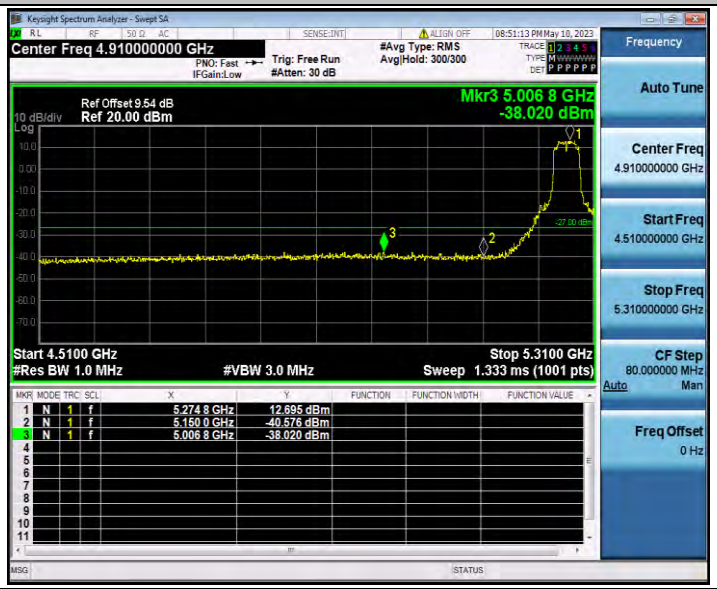
11A_Ant1_High_5320

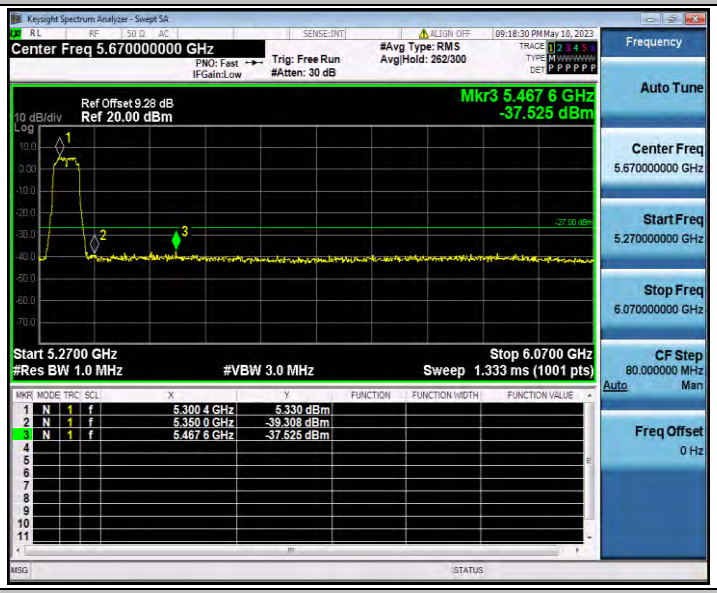
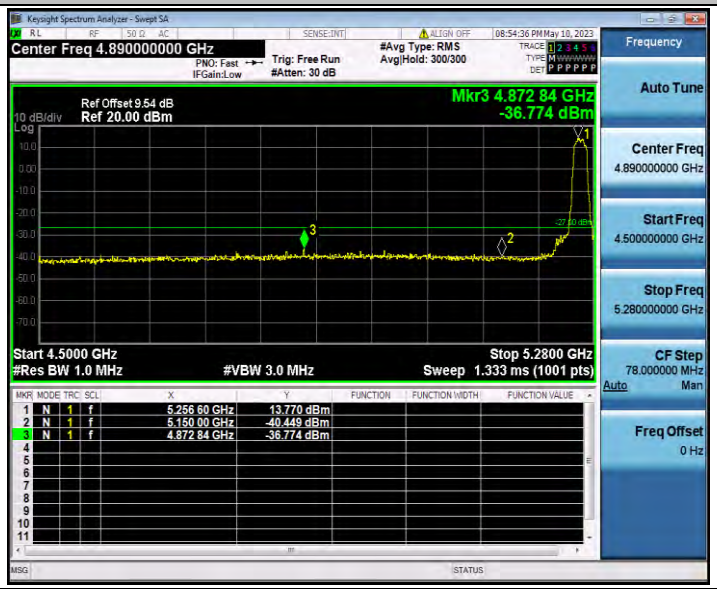


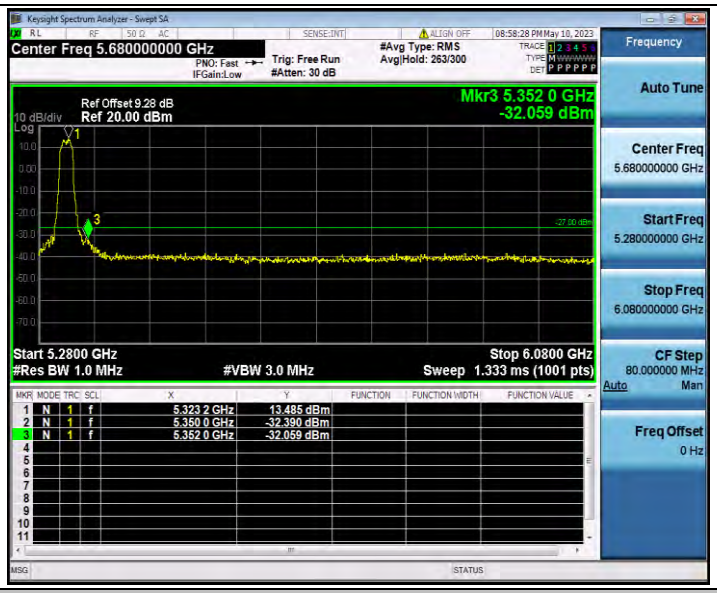
11N20SISO_Ant1_Low_5260



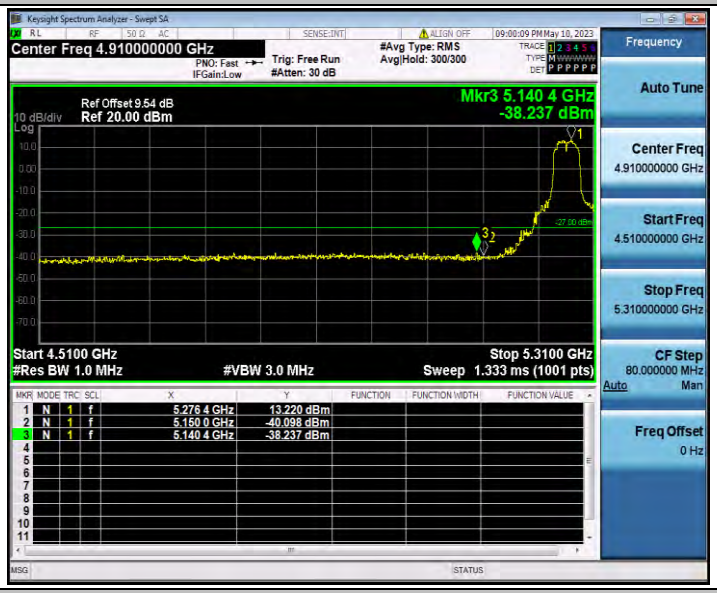
11N20SISO_Ant1_High_5320



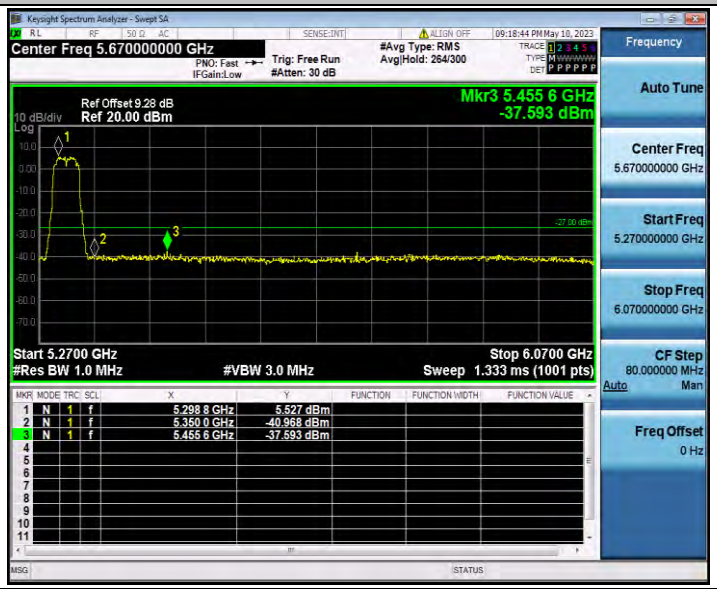
11N40SISO_Ant1_Low_5270

11N40SISO_Ant1_High_5310

11AC20SISO_Ant1_Low_5260



11AC20SISO_Ant1_High_5320

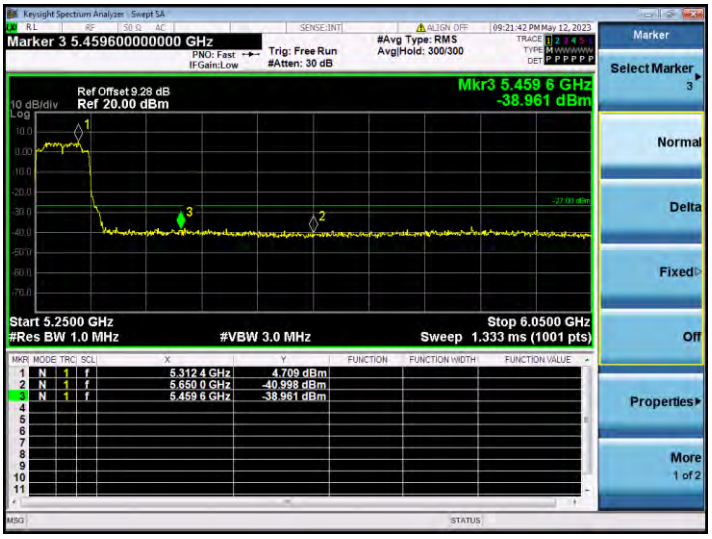


11AC40SISO_Ant1_Low_5270

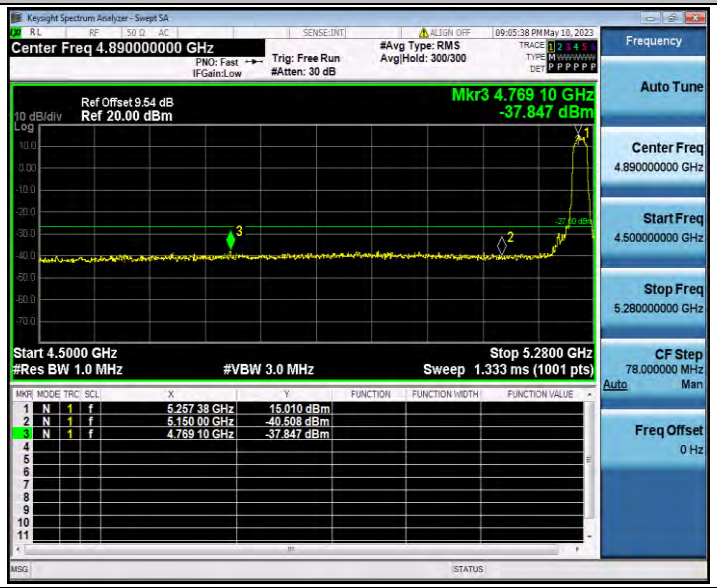


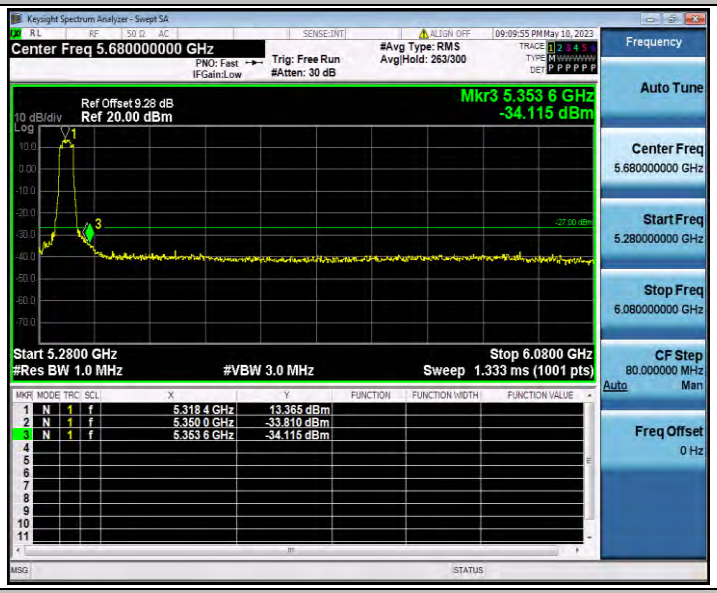
11AC40SISO_Ant1_High_5310

11AC80SISO_Ant1_Low_5290



11AC80SISO_Ant1_ High_5290



11AX20SISO_Ant1_Low_5260

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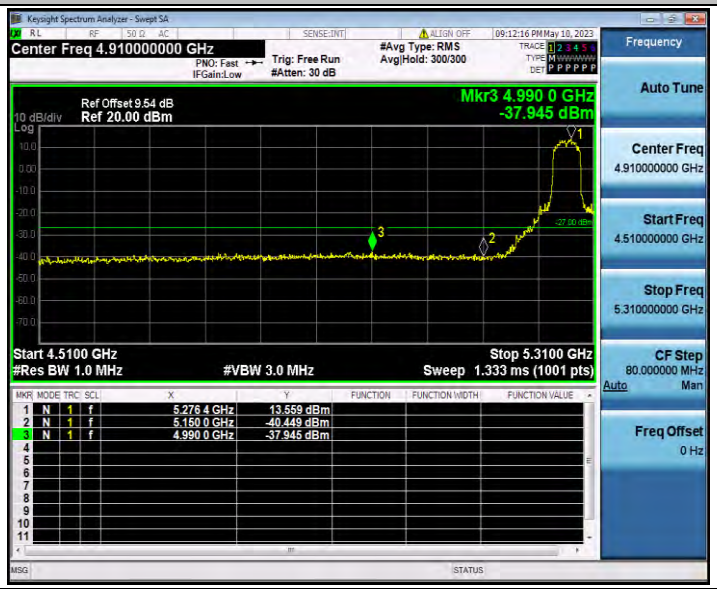
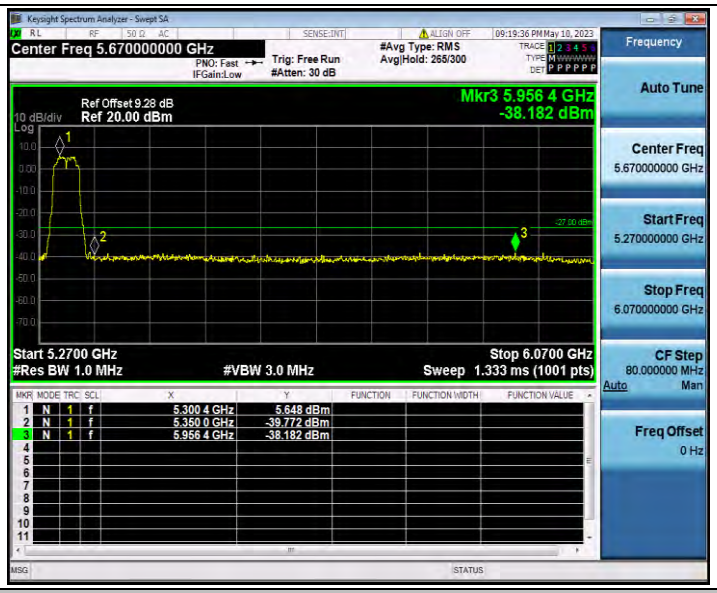
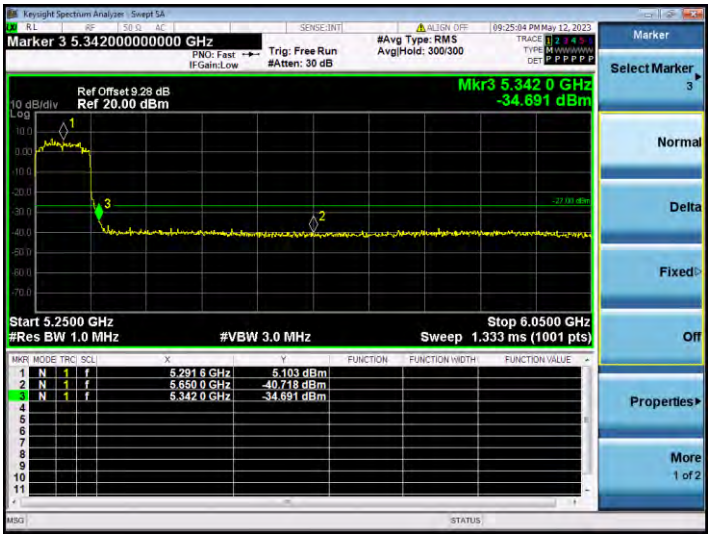

11AX40SISO_Ant1_Low_5270



11AX40SISO_Ant1_High_5310

11AX80SISO_Ant1_Low_5290



11AX80SISO_Ant1_ High _5290

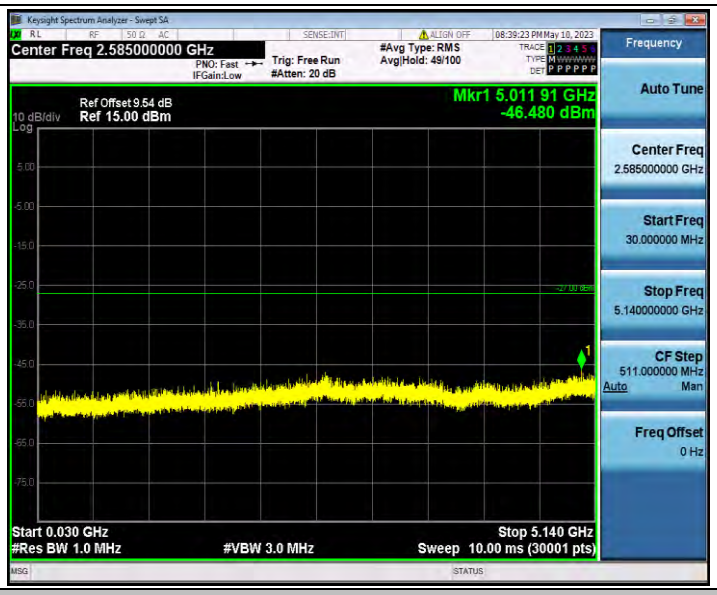
Appendix E.7: Conducted Spurious Emission

Test Result

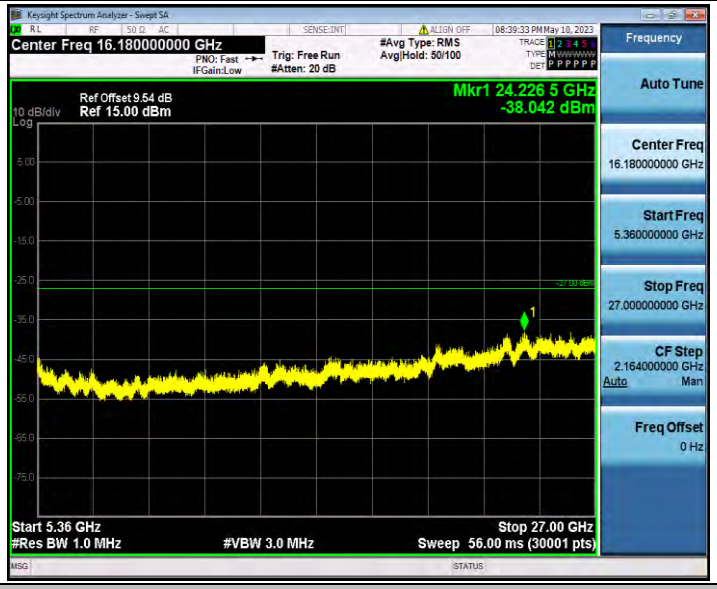
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	30~5140	5011.91	-46.48	≤-27	PASS
			5360~40000	24226.47	-38.04	≤-27	PASS
		5280	30~5140	2643.25	-46.03	≤-27	PASS
			5360~40000	26545.56	-38.47	≤-27	PASS
		5320	30~5140	5046.15	-47.4	≤-27	PASS
			5360~40000	26482.8	-37.79	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	2659.1	-47.37	≤-27	PASS
			5360~40000	26127.19	-38.03	≤-27	PASS
		5280	30~5140	2672.04	-46.8	≤-27	PASS
			5360~40000	23512.35	-37.63	≤-27	PASS
		5320	30~5140	4966.94	-47.52	≤-27	PASS
			5360~40000	24342.61	-37.98	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	3047.11	-47.18	≤-27	PASS
			5360~40000	5377.31	-36.57	≤-27	PASS
		5310	30~5140	5081.06	-47.17	≤-27	PASS
			5360~40000	5365.77	-28.14	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	4934.58	-45.97	≤-27	PASS
			5360~40000	24305.1	-37.84	≤-27	PASS
		5280	30~5140	4972.73	-47.48	≤-27	PASS
			5360~40000	24232.24	-38.44	≤-27	PASS
		5320	30~5140	4782.13	-48.02	≤-27	PASS
			5360~40000	5366.49	-36.22	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	5072.55	-46.98	≤-27	PASS
			5360~40000	5382.36	-36.74	≤-27	PASS
		5310	30~5140	4901.19	-47.45	≤-27	PASS
			5360~40000	5360.72	-27.95	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	2660.46	-47.25	≤-27	PASS
			5360~40000	25969.94	-37.63	≤-27	PASS
11AX20SISO	Ant1	5260	30~5140	4950.76	-47.27	≤-27	PASS
			5360~40000	24251.72	-37.58	≤-27	PASS
		5280	30~5140	4917.37	-47.1	≤-27	PASS
			5360~40000	24265.43	-37.63	≤-27	PASS
		5320	30~5140	2639.85	-47.46	≤-27	PASS
			5360~40000	5360.72	-35.45	≤-27	PASS
11AX40SISO	Ant1	5270	30~5140	4985.68	-46.89	≤-27	PASS
			5360~40000	5389.57	-35.93	≤-27	PASS

		5310	30~5140	4992.66	-47.12	≤-27	PASS
			5360~40000	5360	-30.76	≤-27	PASS
11AX80SISO	Ant1	5290	30~5140	5138.64	-42.07	≤-27	PASS
			5360~40000	5362.89	-28.48	≤-27	PASS

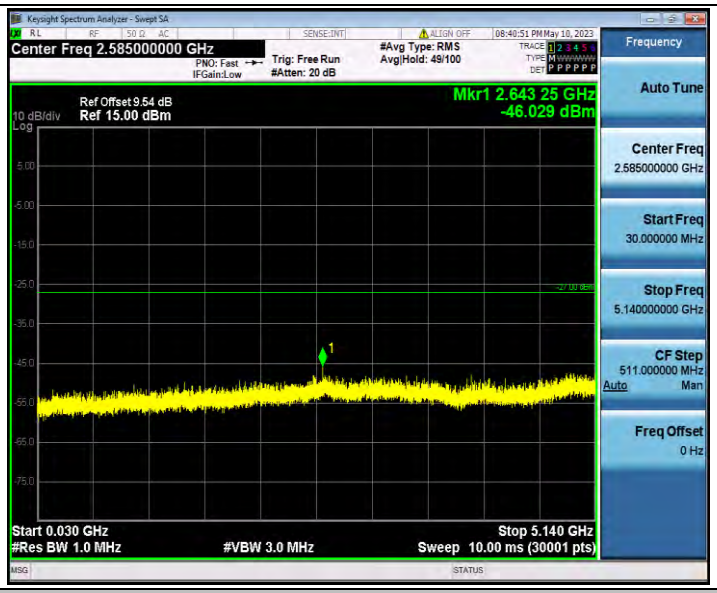
Test Graphs



11A_Ant1_5260_30~5140

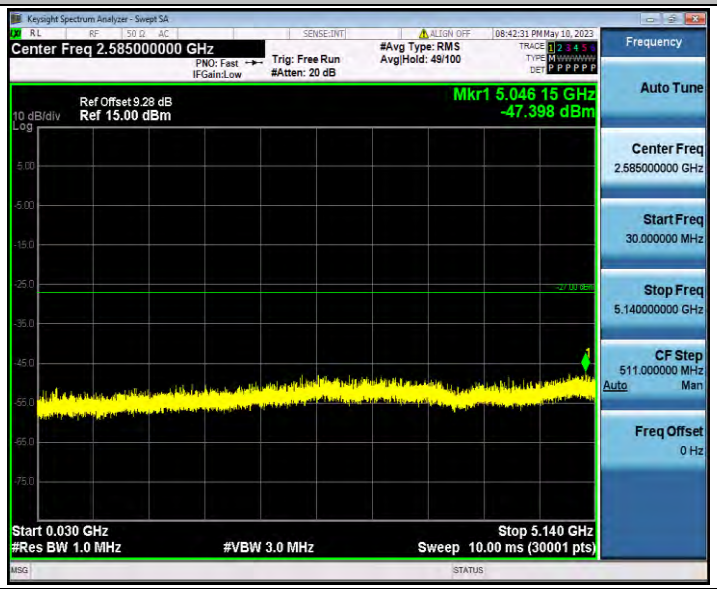


11A_Ant1_5260_5360~40000

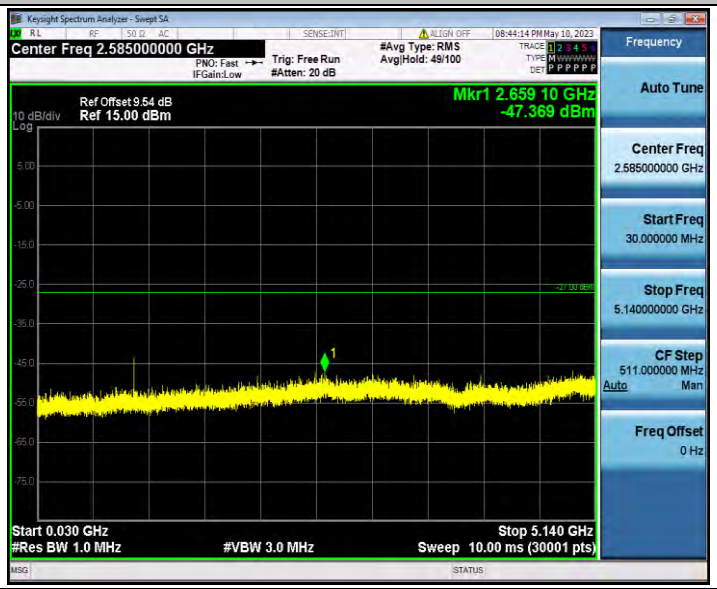


11A_Ant1_5280_30~5140

11A_Ant1_5280_5360~40000

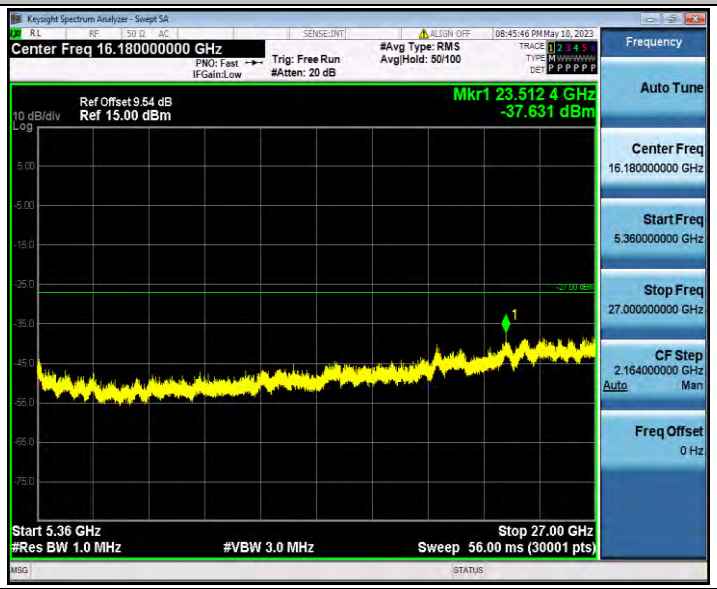


11A_Ant1_5320_30~5140

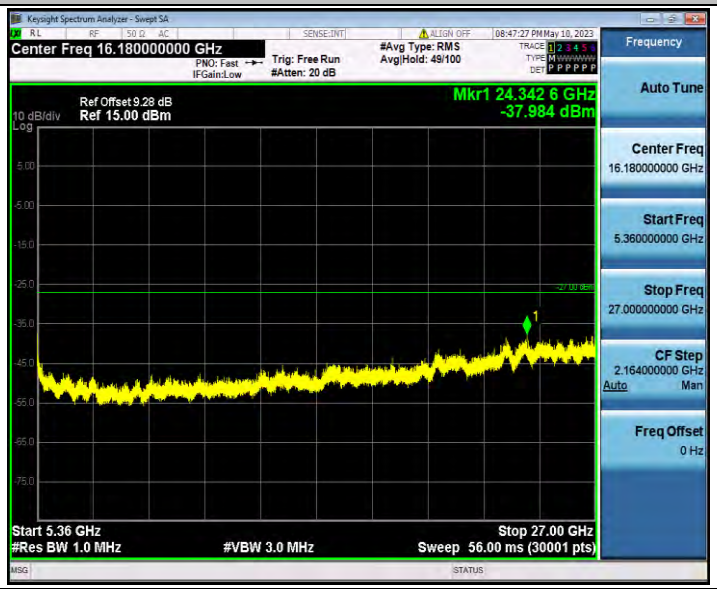
11A_Ant1_5320_5360~40000

11N20SISO_Ant1_5260_30~5140

11N20SISO_Ant1_5260_5360~40000

11N20SISO_Ant1_5280_30~5140

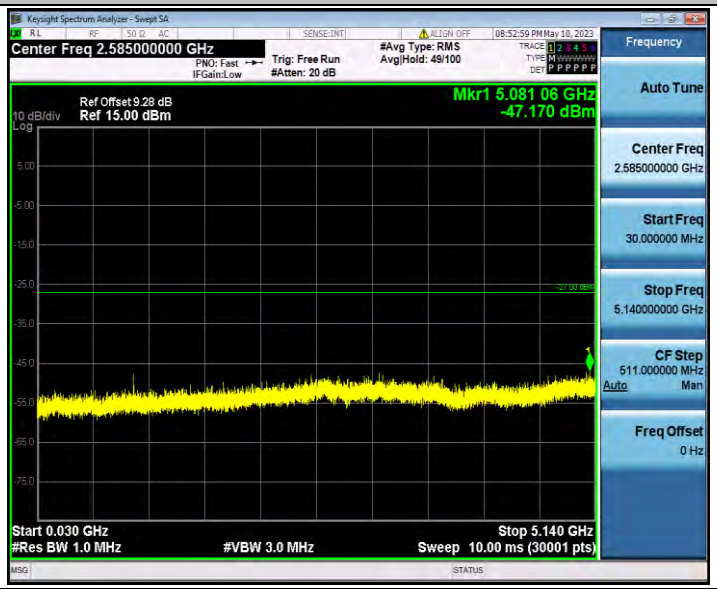


11N20SISO_Ant1_5280_5360~40000

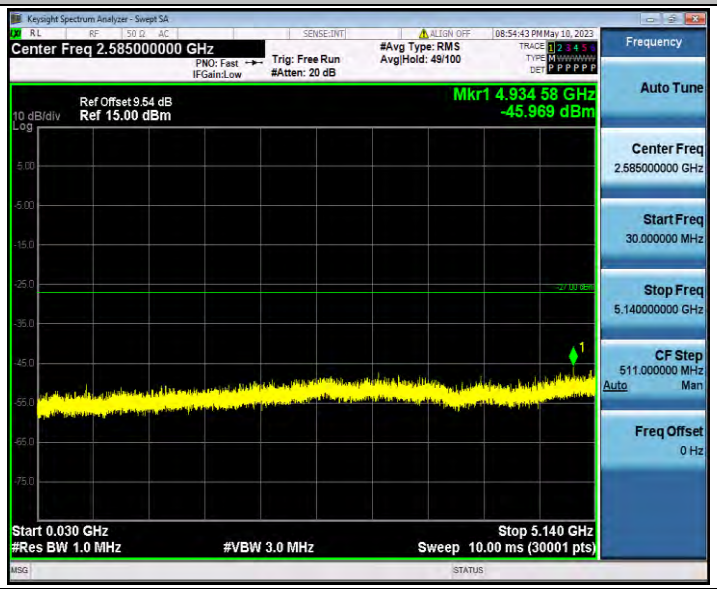
11N20SISO_Ant1_5320_30~5140

11N20SISO_Ant1_5320_5360~40000

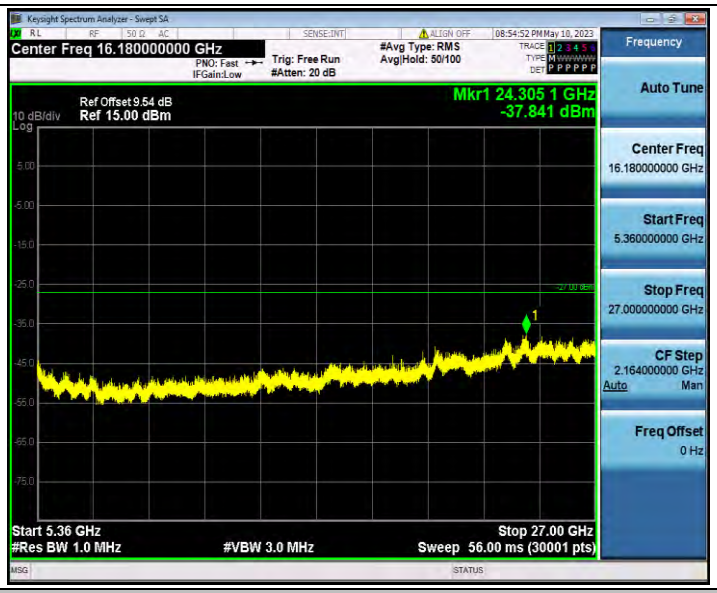
11N40SISO_Ant1_5270_30~5140

11N40SISO_Ant1_5270_5360~40000



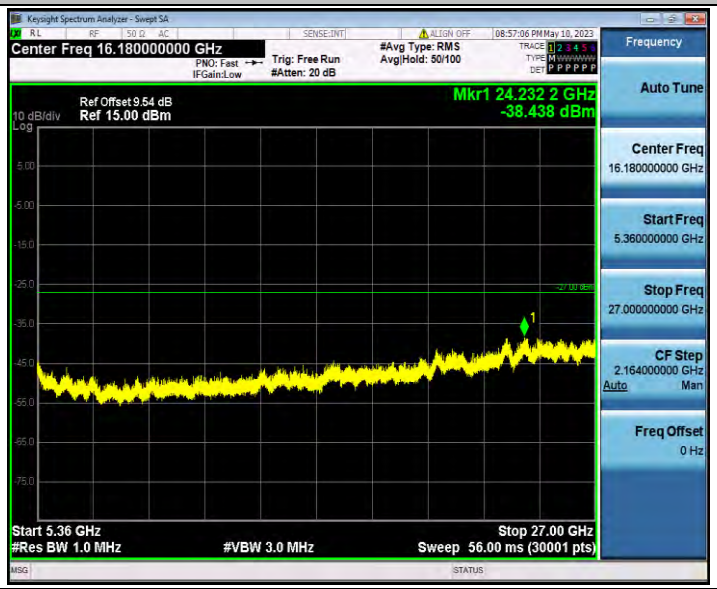
11N40SISO_Ant1_5310_30~5140

11N40SISO_Ant1_5310_5360~40000

11AC20SISO_Ant1_5260_30~5140



11AC20SISO_Ant1_5260_5360~40000

11AC20SISO_Ant1_5280_30~5140



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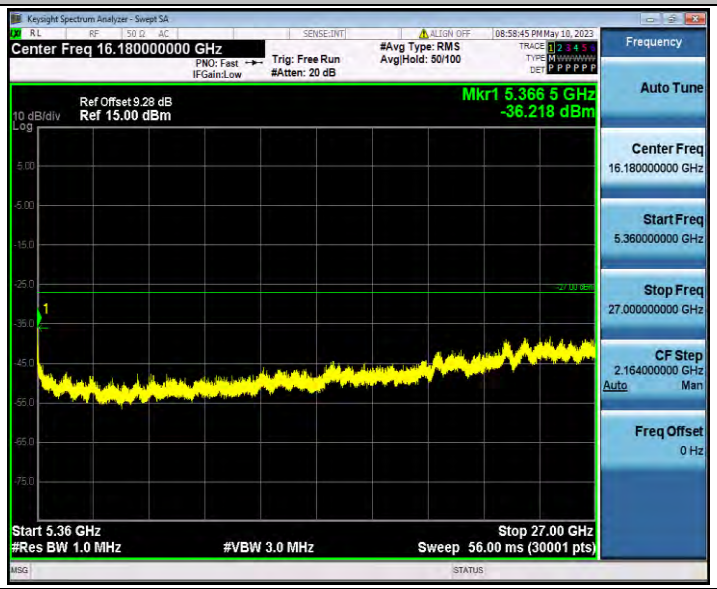
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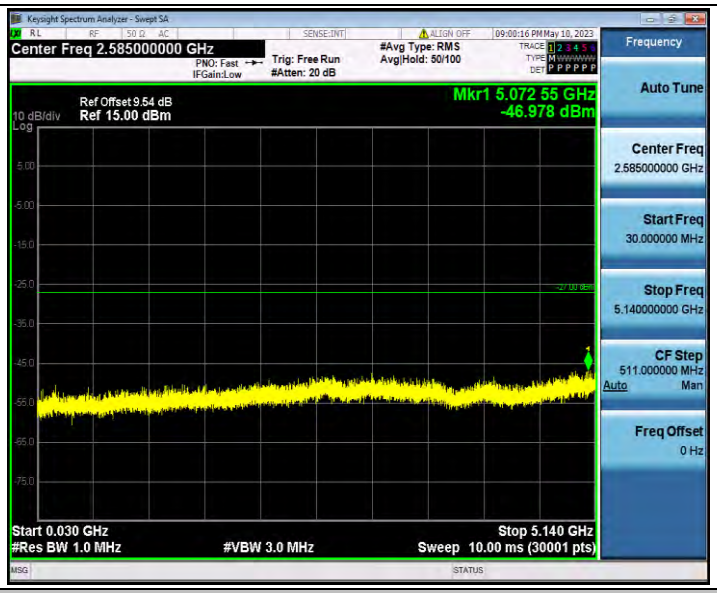

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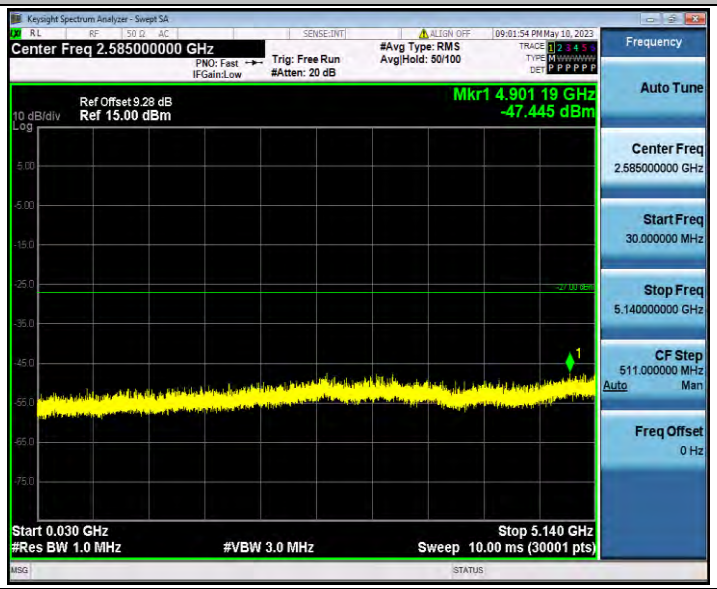

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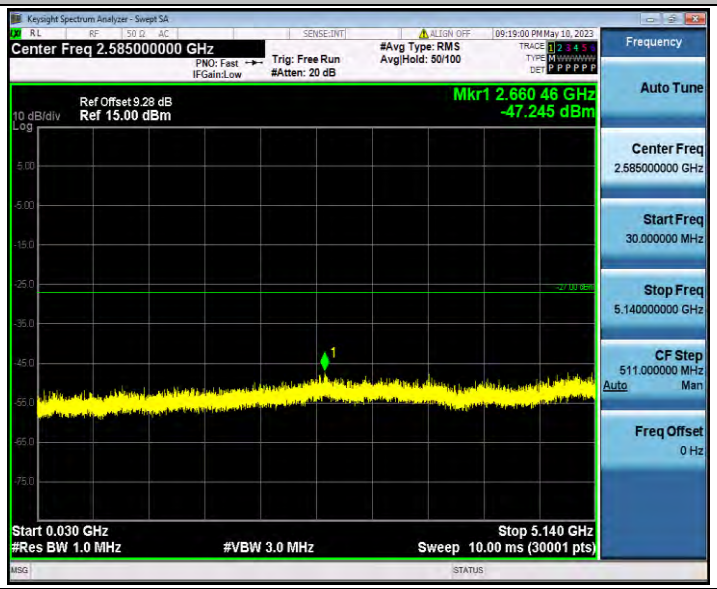
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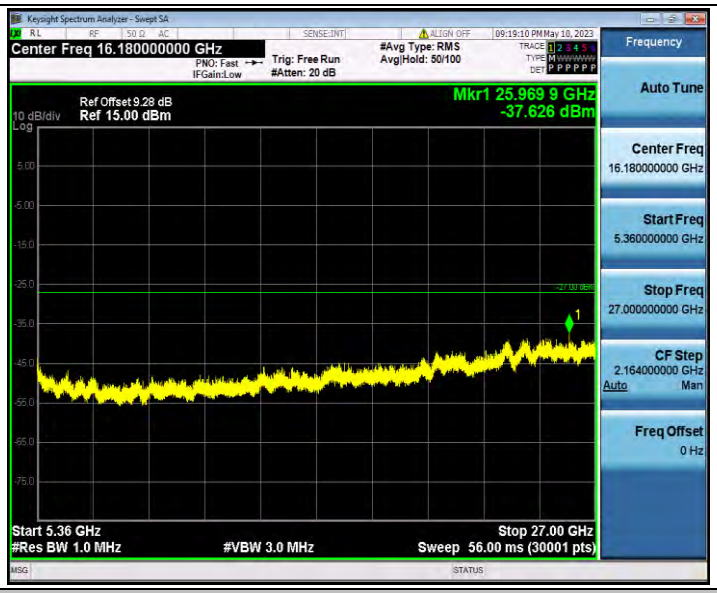

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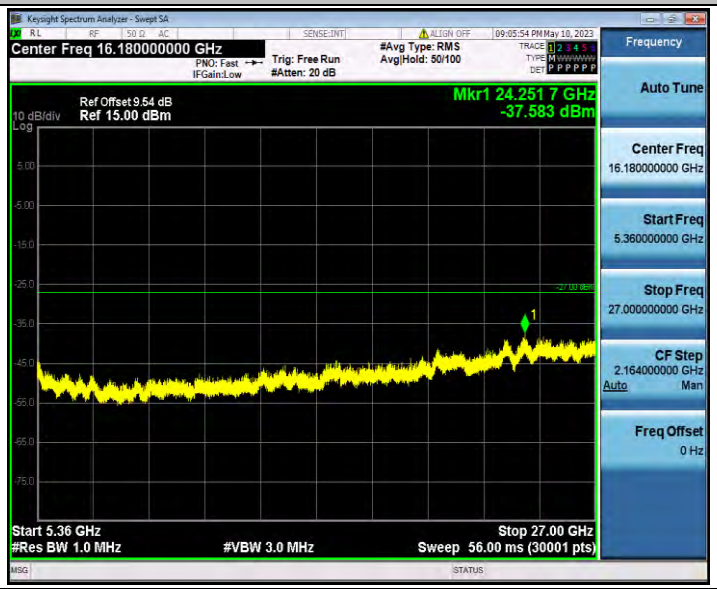

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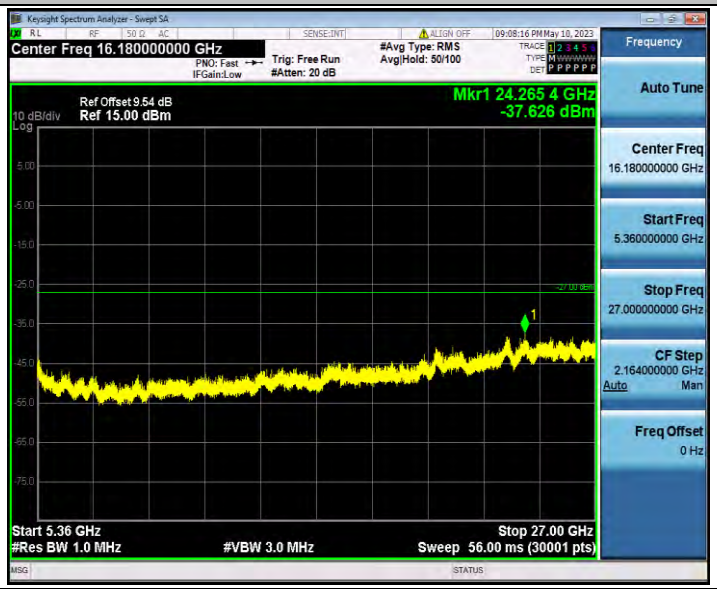
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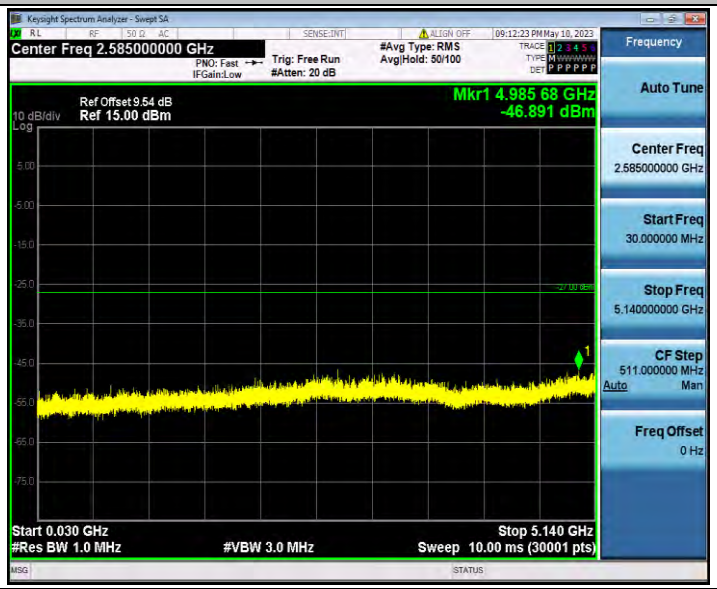

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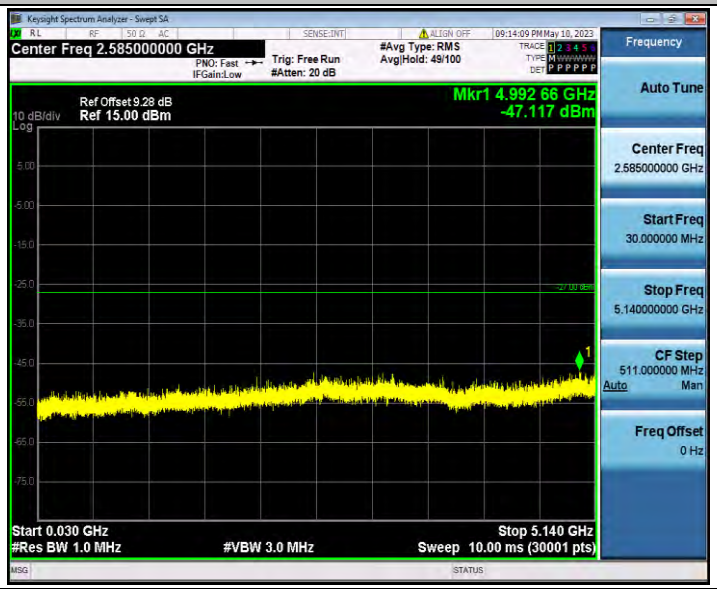
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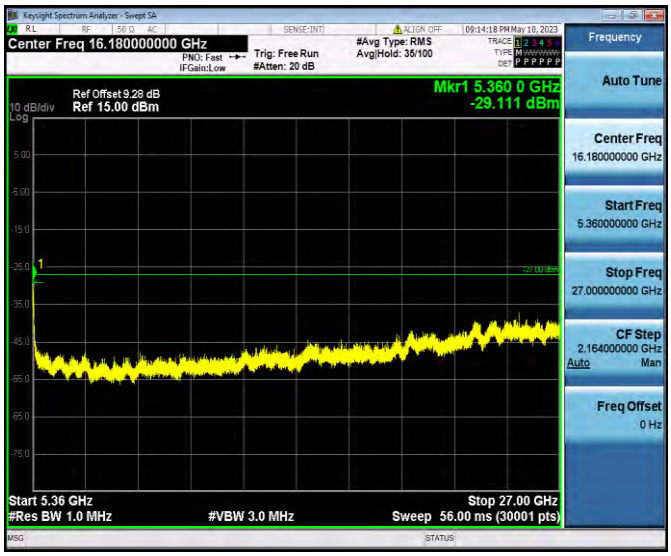

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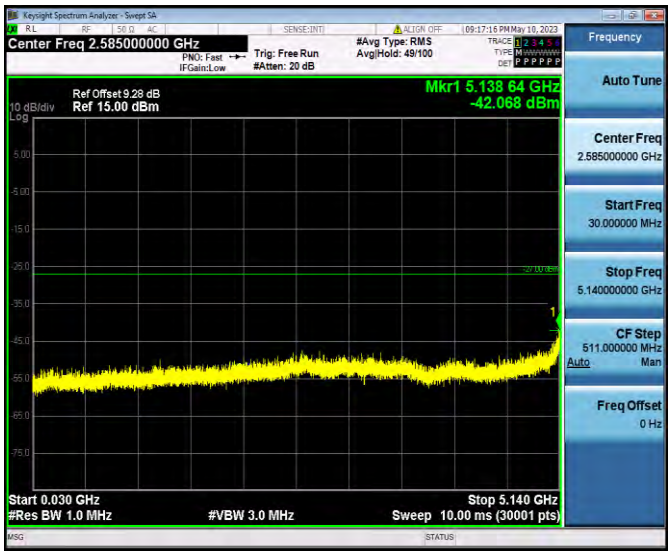

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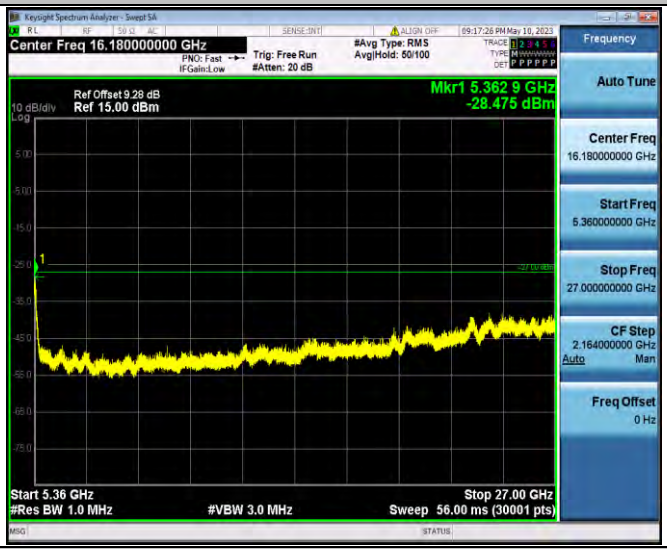

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