Appendix D.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	Ant2	5180	14.22	78.95	1.03	15.25	≤23.98	PASS
		5200	15.31	97.65	0.10	15.41	≤23.98	PASS
		5240	14.82	97.66	0.10	14.92	≤23.98	PASS
11N20SISO	Ant2	5180	15.27	98.12	0.08	15.35	≤23.98	PASS
		5200	15.45	97.66	0.10	15.55	≤23.98	PASS
		5240	15.02	98.76	0.05	15.07	≤23.98	PASS
11N40SISO	Ant2	5190	15.78	99.00	0.04	15.82	≤23.98	PASS
		5230	17.78	99.00	0.04	17.82	≤23.98	PASS
11AC20SISO	Ant2	5180	15.38	99.00	0.04	15.42	≤23.98	PASS
		5200	15.54	99.00	0.04	15.58	≤23.98	PASS
		5240	14.95	99.00	0.04	14.99	≤23.98	PASS
11AC40SISO	Ant2	5190	15.79	98.75	0.05	15.84	≤23.98	PASS
		5230	17.76	98.75	0.05	17.81	≤23.98	PASS
11AC80SISO	Ant2	5210	16.65	98.76	0.05	16.70	≤23.98	PASS
11AX20SISO	Ant2	5180	15.23	98.75	0.05	15.28	≤23.98	PASS
		5200	15.32	98.75	0.05	15.37	≤23.98	PASS
		5240	14.75	99.00	0.04	14.79	≤23.98	PASS
11AX40SISO	Ant2	5190	15.47	99.00	0.04	15.51	≤23.98	PASS
		5230	17.46	98.75	0.05	17.51	≤23.98	PASS
11AX80SISO	Ant2	5210	16.40	98.75	0.05	16.45	≤23.98	PASS

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

Appendix D.5: Maximum power spectral density

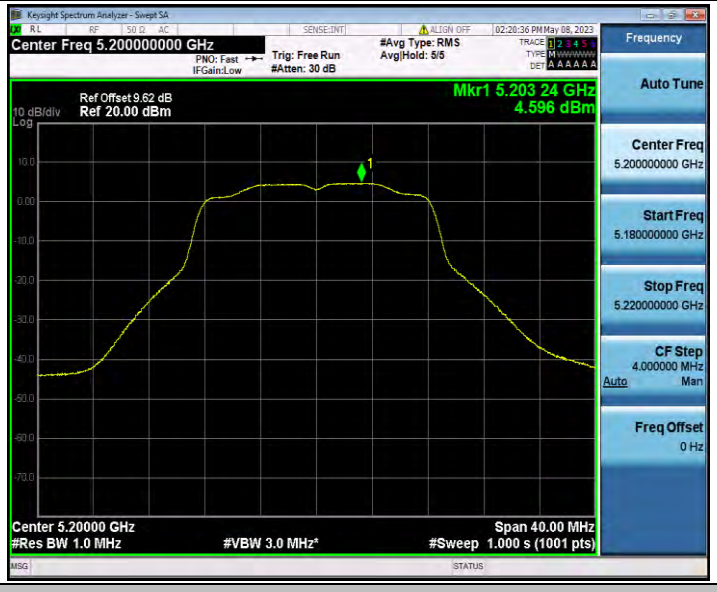
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	4.37	≤11.00	PASS
		5200	4.6	≤11.00	PASS
		5240	4.26	≤11.00	PASS
11N20SISO	Ant2	5180	4.56	≤11.00	PASS
		5200	4.92	≤11.00	PASS
		5240	4.02	≤11.00	PASS
11N40SISO	Ant2	5190	1.46	≤11.00	PASS
		5230	3.49	≤11.00	PASS
11AC20SISO	Ant2	5180	4.25	≤11.00	PASS
		5200	4.5	≤11.00	PASS
		5240	3.95	≤11.00	PASS
11AC40SISO	Ant2	5190	1.47	≤11.00	PASS
		5230	3.52	≤11.00	PASS
11AC80SISO	Ant2	5210	-0.47	≤11.00	PASS
11AX20SISO	Ant2	5180	3.91	≤11.00	PASS
		5200	4.12	≤11.00	PASS
		5240	3.49	≤11.00	PASS
11AX40SISO	Ant2	5190	0.98	≤11.00	PASS
		5230	3	≤11.00	PASS
11AX80SISO	Ant2	5210	-0.81	≤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

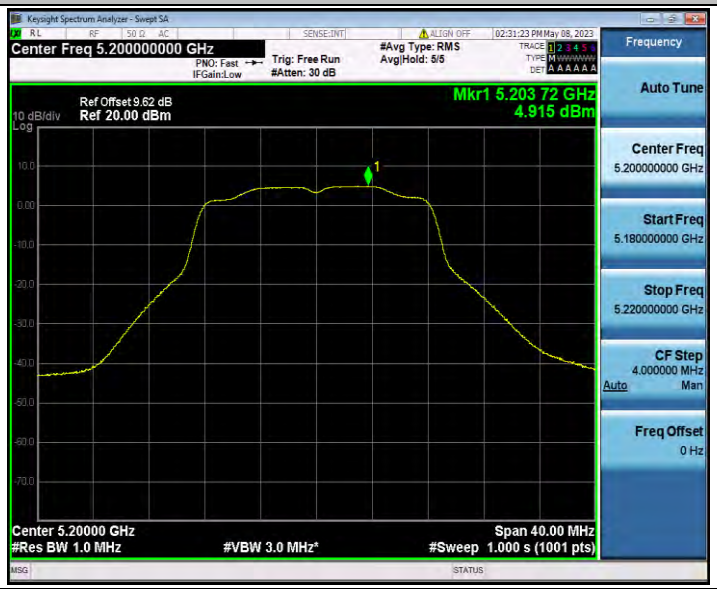
11A_Ant2_5180



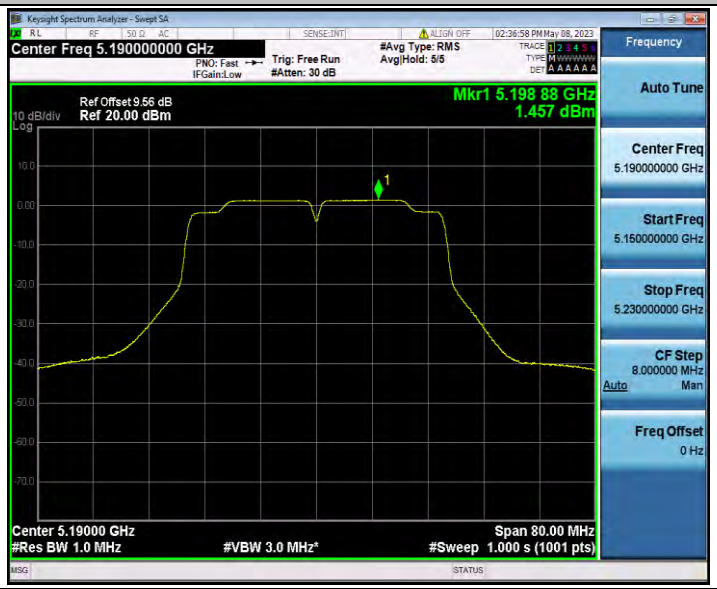
11A_Ant2_5200

11A_Ant2_5240

11N20SISO_Ant2_5180

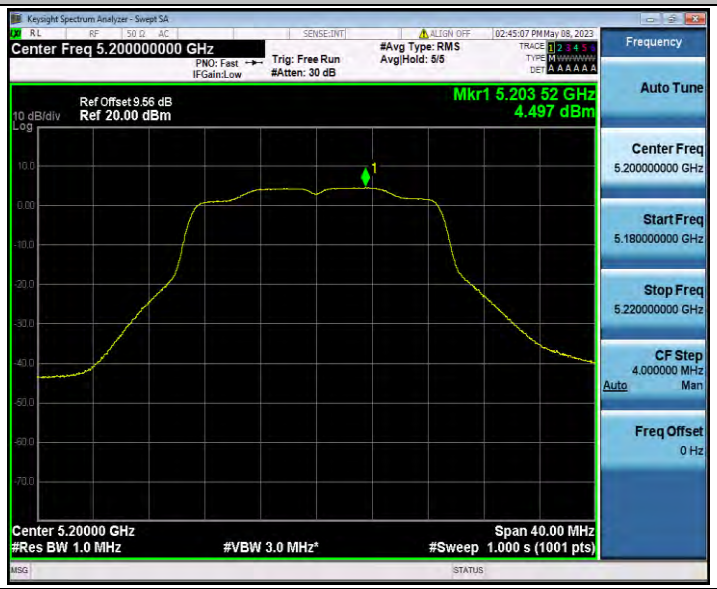


11N20SISO_Ant2_5200

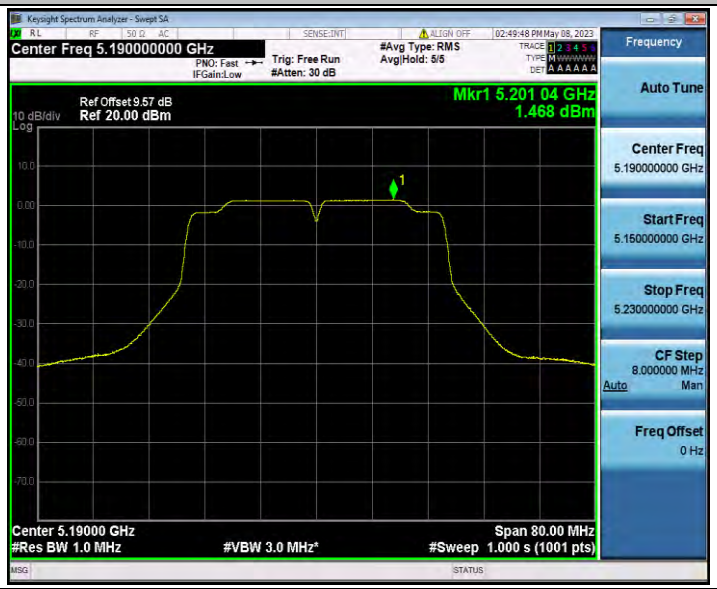
11N20SISO_Ant2_5240

11N40SISO_Ant2_5190

11N40SISO_Ant2_5230

11AC20SISO_Ant2_5180

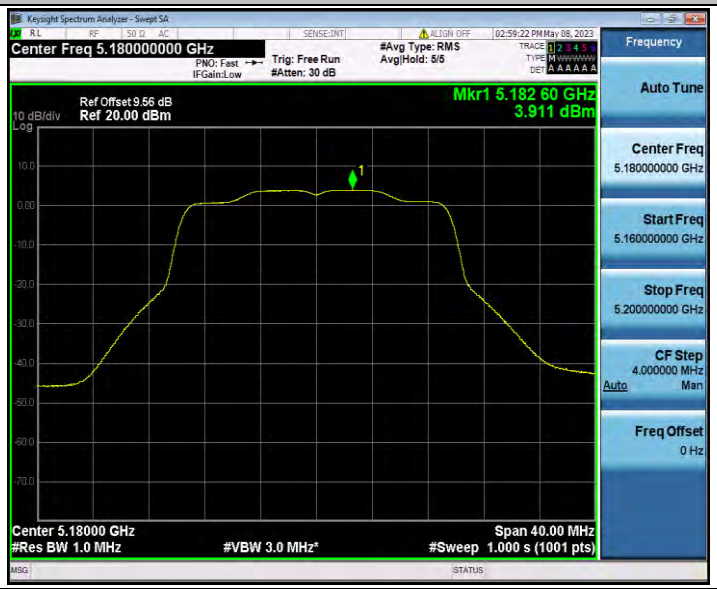


11AC20SISO_Ant2_5200

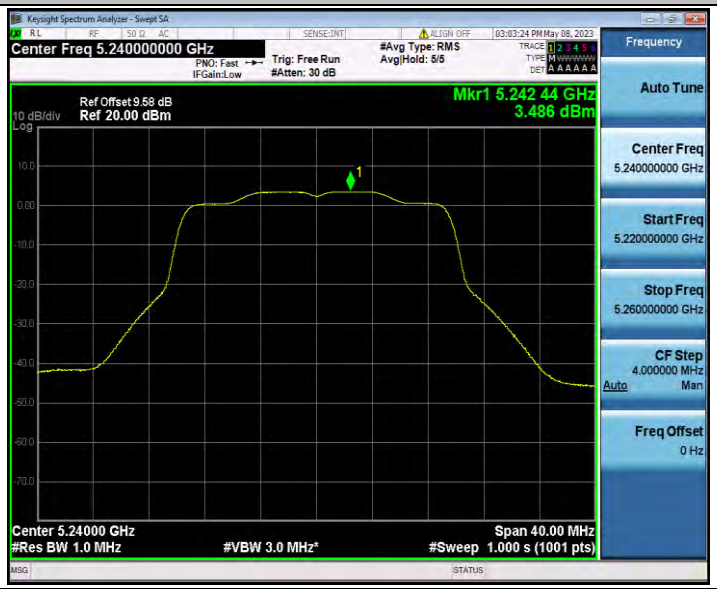
11AC20SISO_Ant2_5240

11AC40SISO_Ant2_5190

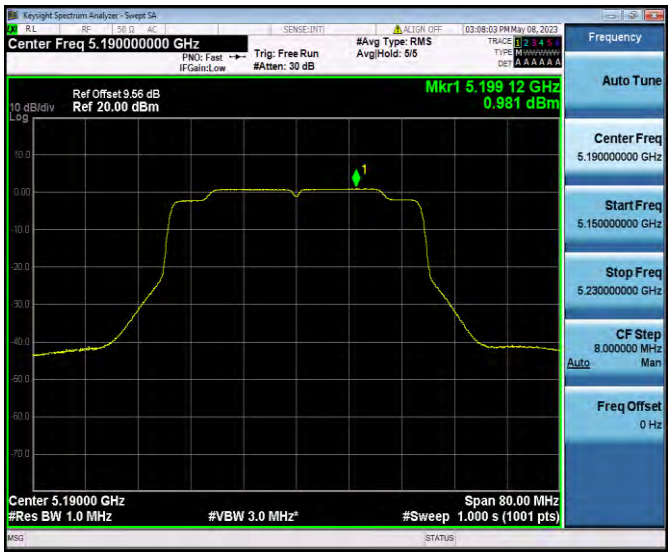
11AC40SISO_Ant2_5230

11AC80SISO_Ant2_5210

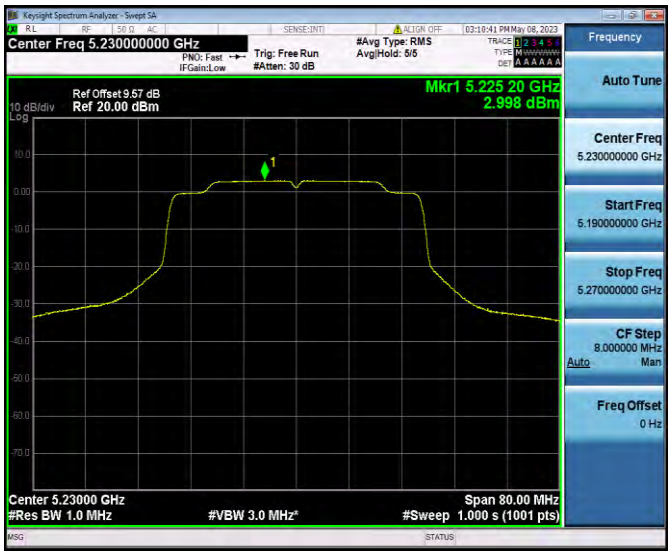


11AX20SISO_Ant2_5180

11AX20SISO_Ant2_5200

11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230

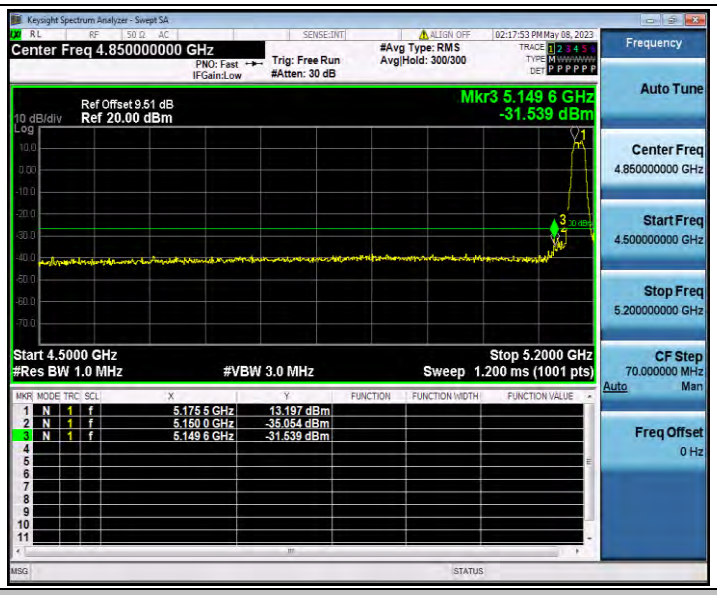
11AX80SISO_Ant2_5210

Appendix D.6: Band edge measurements

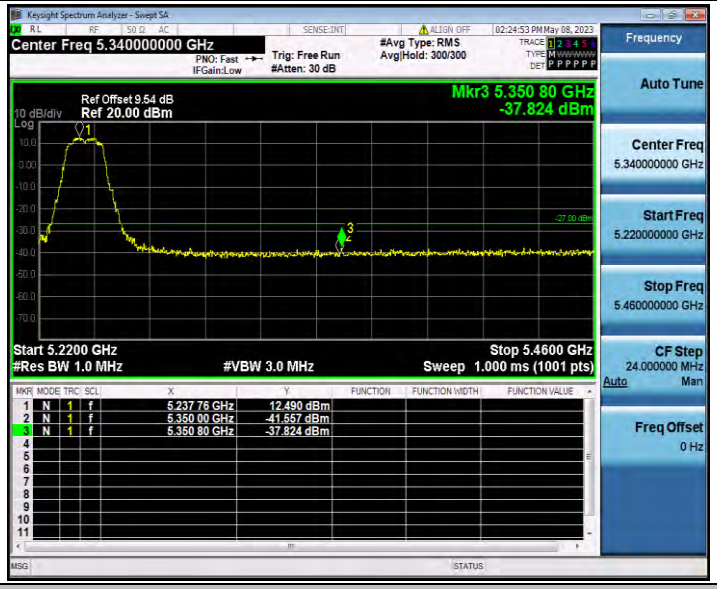
Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-31.54	≤-27	PASS
		High	5240	-37.82	≤-27	PASS
11N20SISO	Ant2	Low	5180	-34.84	≤-27	PASS
		High	5240	-37.14	≤-27	PASS
11N40SISO	Ant2	Low	5190	-29.36	≤-27	PASS
		High	5230	-37.63	≤-27	PASS
11AC20SISO	Ant2	Low	5180	-33.21	≤-27	PASS
		High	5240	-37.32	≤-27	PASS
11AC40SISO	Ant2	Low	5190	-29.24	≤-27	PASS
		High	5230	-36.98	≤-27	PASS
11AC80SISO	Ant2	Low	5210	-28.04	≤-27	PASS
		High	5210	-34.01	≤-27	PASS
11AX20SISO	Ant2	Low	5180	-35.32	≤-27	PASS
		High	5240	-37.23	≤-27	PASS
11AX40SISO	Ant2	Low	5190	-31.55	≤-27	PASS
		High	5230	-37.54	≤-27	PASS
11AX80SISO	Ant2	Low	5210	-30.77	≤-27	PASS
		High	5210	-35.6	≤-27	PASS

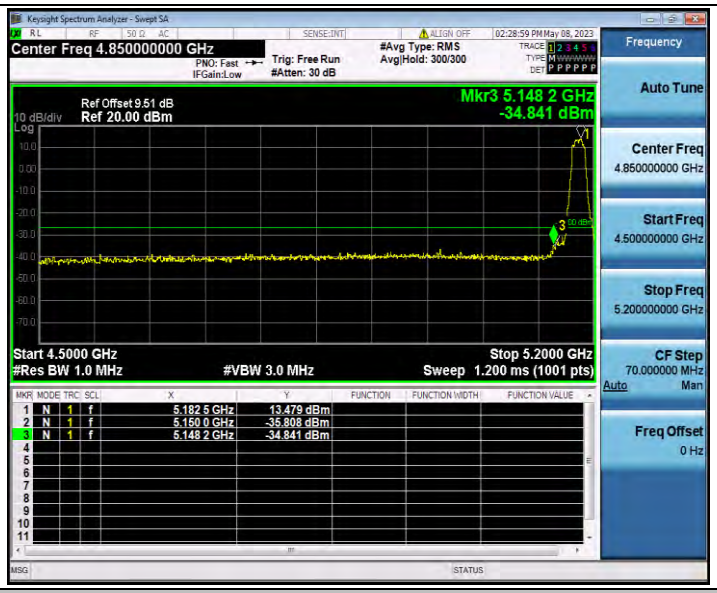
Test Graphs B1



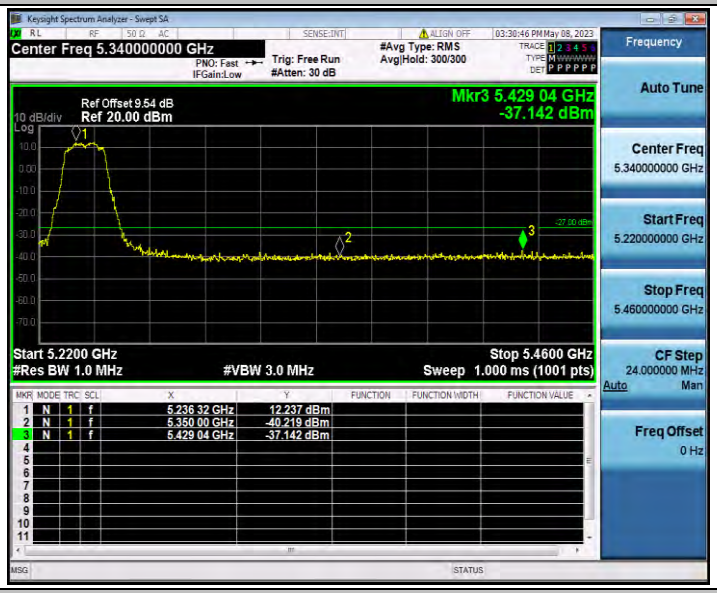
11A_Ant2_Low_5180



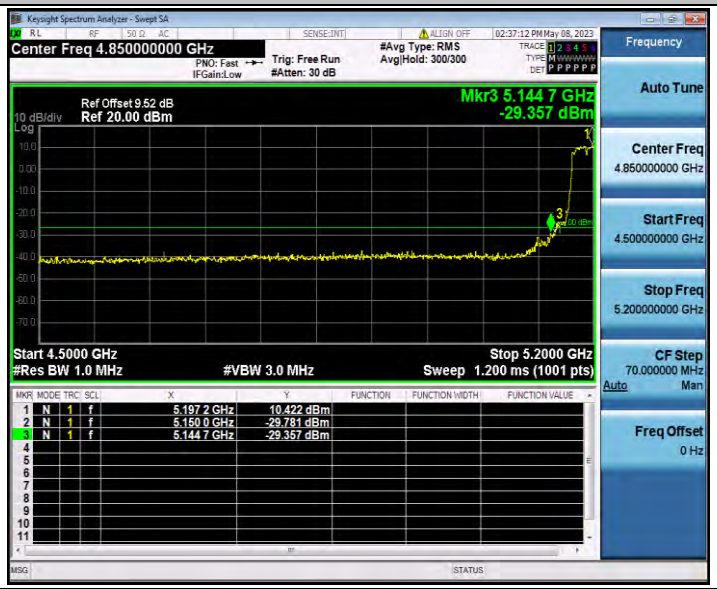
11A_Ant2_High_5240



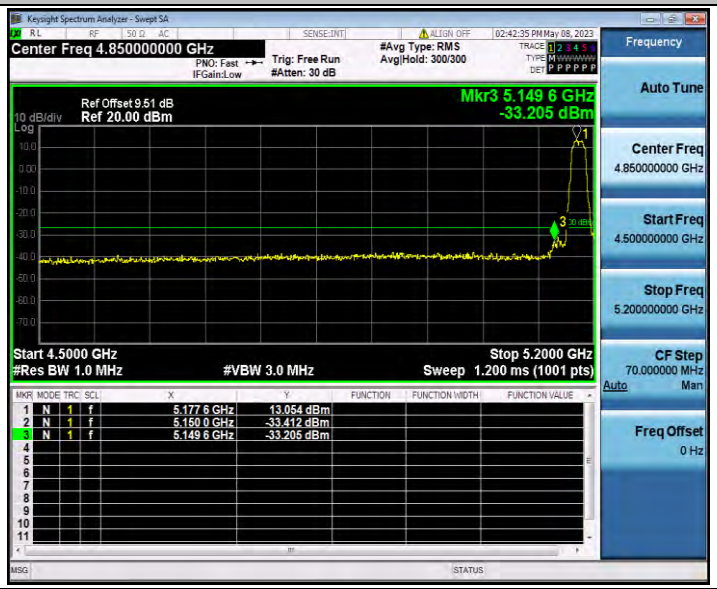
11N20SISO_Ant2_Low_5180

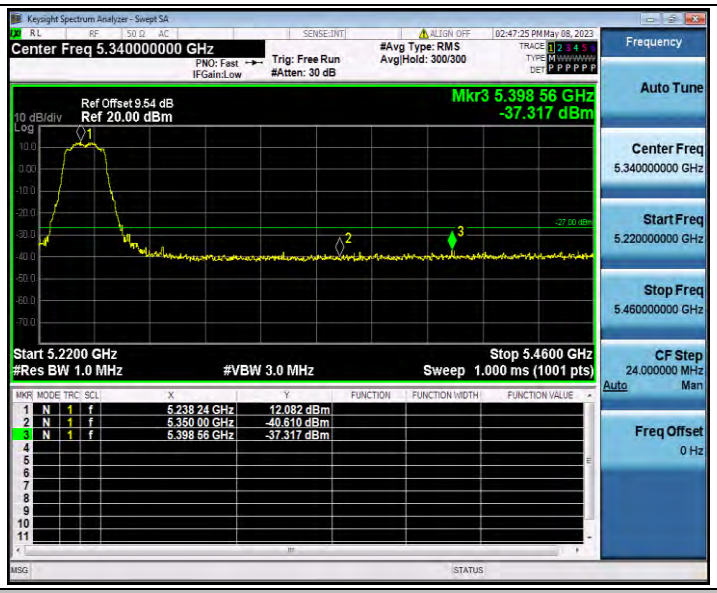


11N20SISO_Ant2_High_5240



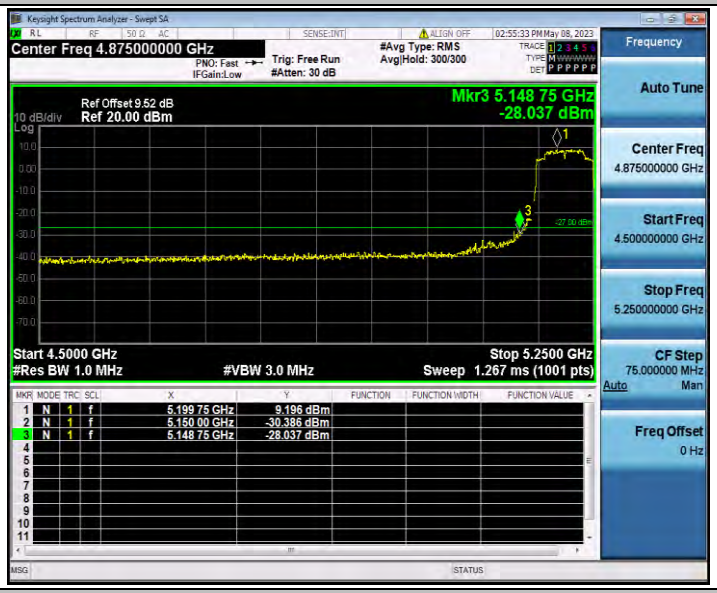
11N40SISO_Ant2_Low_5190

11N40SISO_Ant2_High_5230

11AC20SISO_Ant2_Low_5180

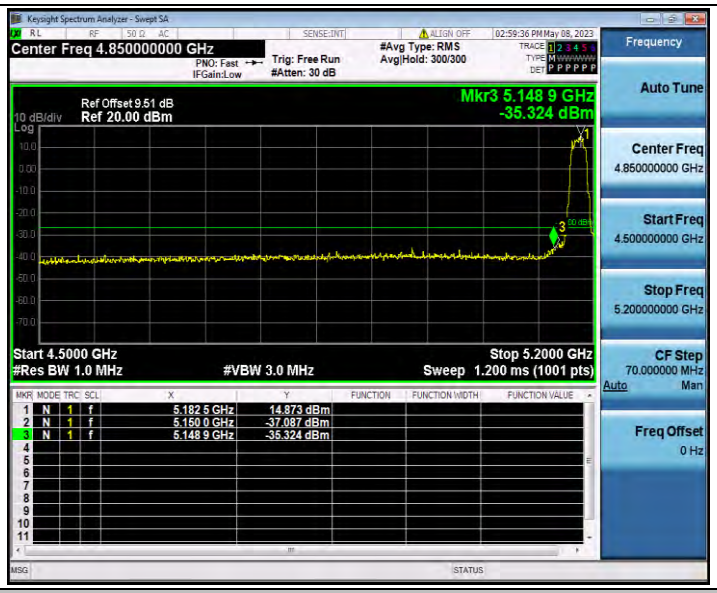


11AC20SISO_Ant2_High_5240

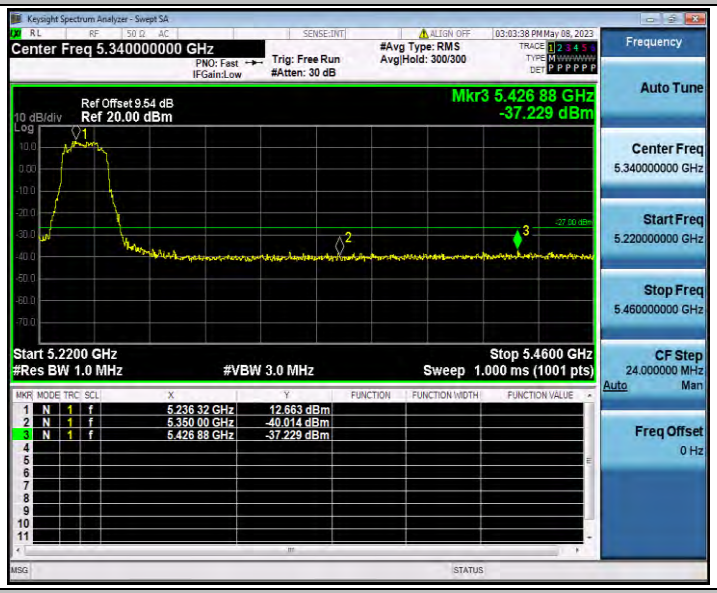
11AC40SISO_Ant2_Low_5190

11AC40SISO_Ant2_High_5230

11AC80SISO_Ant2_Low_5210

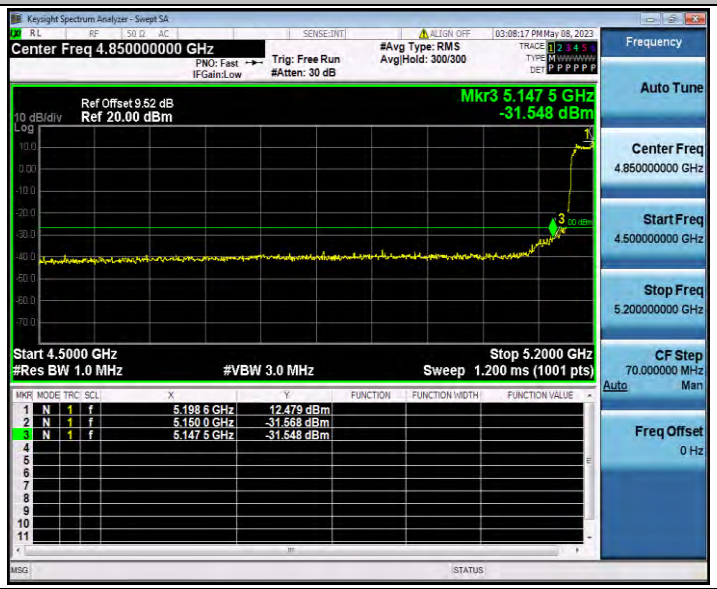
11AC80SISO_Ant2_High_5210



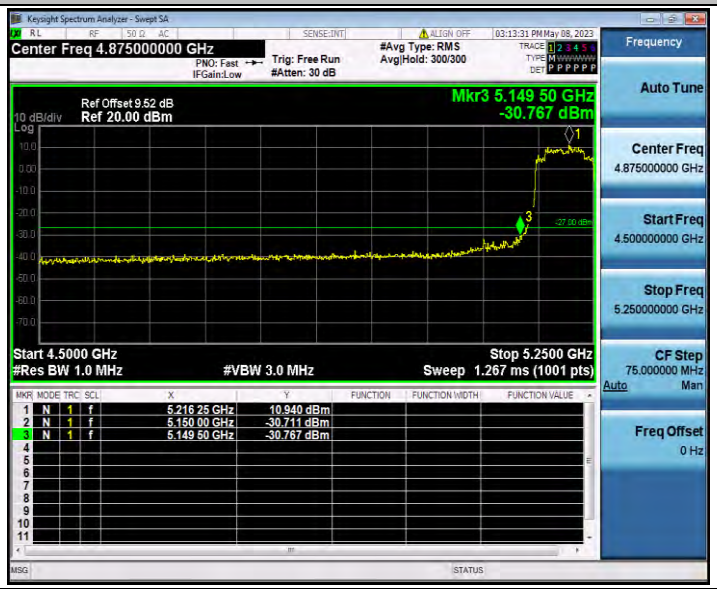
11AX20SISO_Ant2_Low_5180

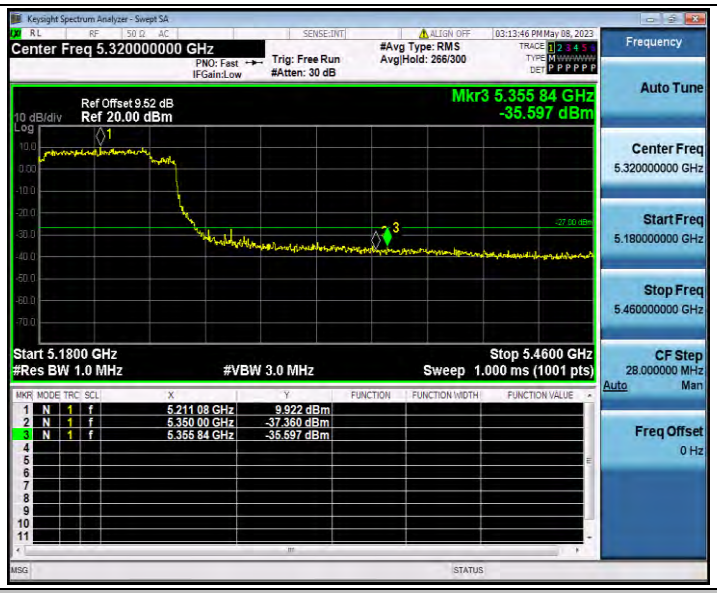


11AX20SISO_Ant2_High_5240



11AX40SISO_Ant2_Low_5190

11AX40SISO_Ant2_High_5230

11AX80SISO_Ant2_Low_5210



11AX80SISO_Ant2_High_5210

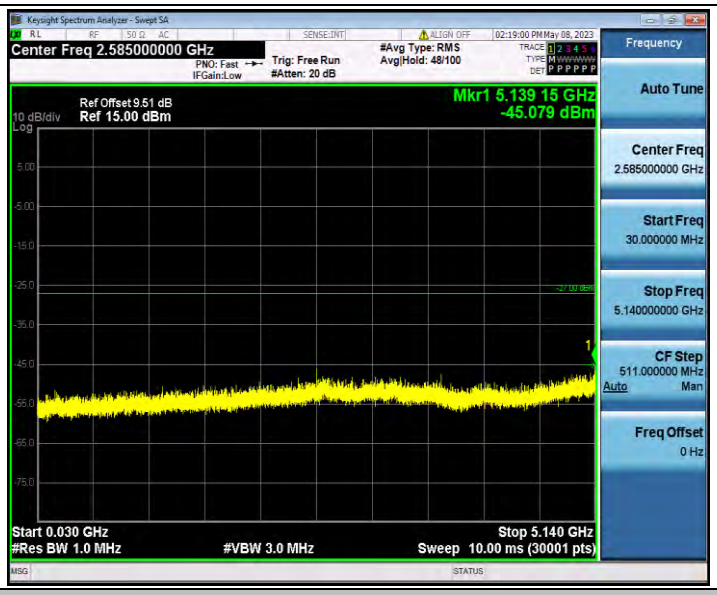
Appendix D.7: Conducted Spurious Emission

Test Result

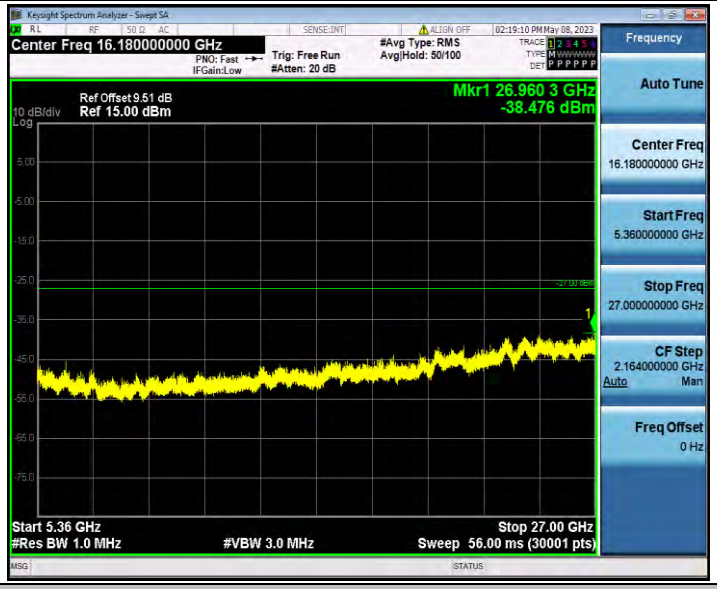
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	5139.15	-45.08	≤-27	PASS
			5360~40000	26960.33	-38.48	≤-27	PASS
		5200	30~5140	5079.87	-45.96	≤-27	PASS
			5360~40000	25180.8	-39.03	≤-27	PASS
		5240	30~5140	5094.18	-47.42	≤-27	PASS
			5360~40000	26847.8	-38.1	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5138.47	-45.48	≤-27	PASS
			5360~40000	25198.83	-37.83	≤-27	PASS
		5200	30~5140	5137.96	-46.05	≤-27	PASS
			5360~40000	24240.9	-37.46	≤-27	PASS
		5240	30~5140	4926.57	-47.42	≤-27	PASS
			5360~40000	26070.92	-37.84	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5133.7	-33.29	≤-27	PASS
			5360~40000	24212.77	-37.76	≤-27	PASS
		5230	30~5140	5137.27	-43.27	≤-27	PASS
			5360~40000	24248.11	-38.11	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	5137.27	-45.03	≤-27	PASS
			5360~40000	26510.21	-38.02	≤-27	PASS
		5200	30~5140	5139.66	-46.42	≤-27	PASS
			5360~40000	24197.62	-37.71	≤-27	PASS
		5240	30~5140	5131.31	-46.83	≤-27	PASS
			5360~40000	24736.46	-37.59	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5139.32	-32.99	≤-27	PASS
			5360~40000	24245.23	-37.46	≤-27	PASS
		5230	30~5140	5137.96	-44.13	≤-27	PASS
			5360~40000	24253.16	-38.41	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5137.27	-33.46	≤-27	PASS
			5360~40000	5365.05	-36.55	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	5136.93	-44	≤-27	PASS
			5360~40000	23521.73	-38.16	≤-27	PASS
		5200	30~5140	5036.44	-47.12	≤-27	PASS
			5360~40000	24302.93	-38.36	≤-27	PASS
		5240	30~5140	5042.74	-47.67	≤-27	PASS
			5360~40000	24322.41	-38.06	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	5134.72	-35.77	≤-27	PASS
			5360~40000	25758.59	-38.04	≤-27	PASS

		5230	30~5140	5139.32	-43	≤-27	PASS
			5360~40000	24988.92	-37.98	≤-27	PASS
11AX80SISO	Ant2	5210	30~5140	5139.32	-34.12	≤-27	PASS
			5360~40000	5374.43	-37.64	≤-27	PASS

Test Graphs



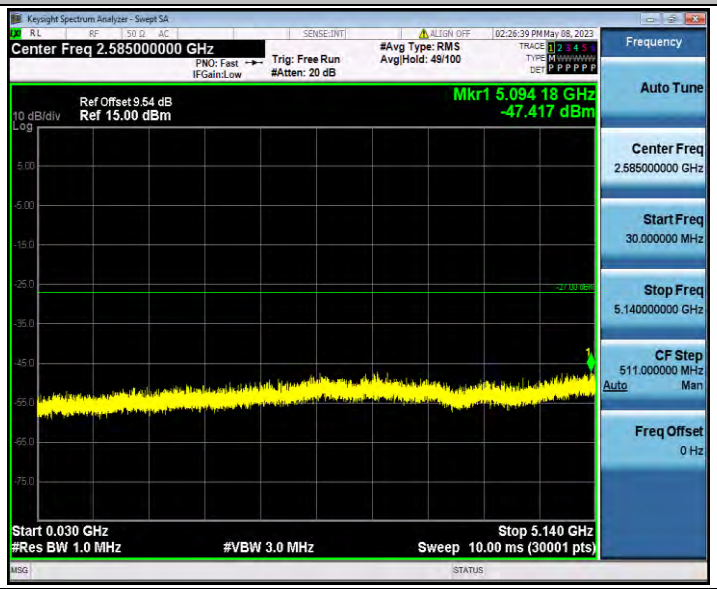
11A_Ant2_5180_30~5140



11A_Ant2_5180_5360~40000

11A_Ant2_5200_30~5140

11A_Ant2_5200_5360~40000



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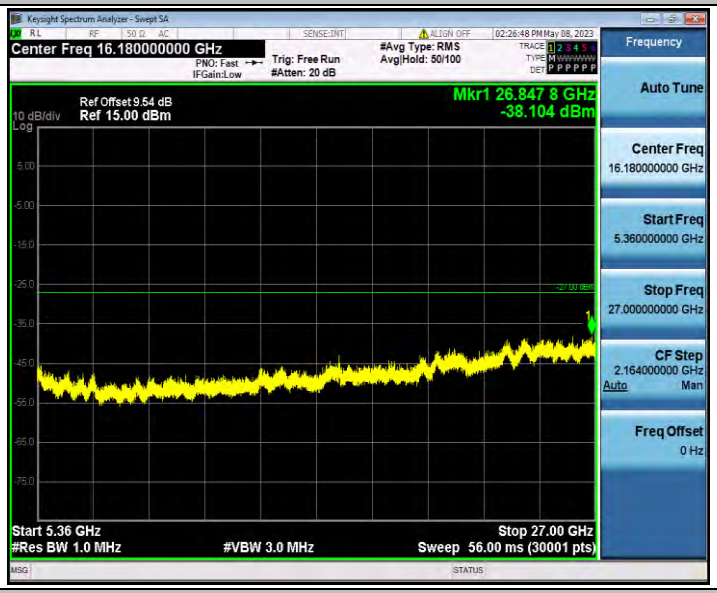
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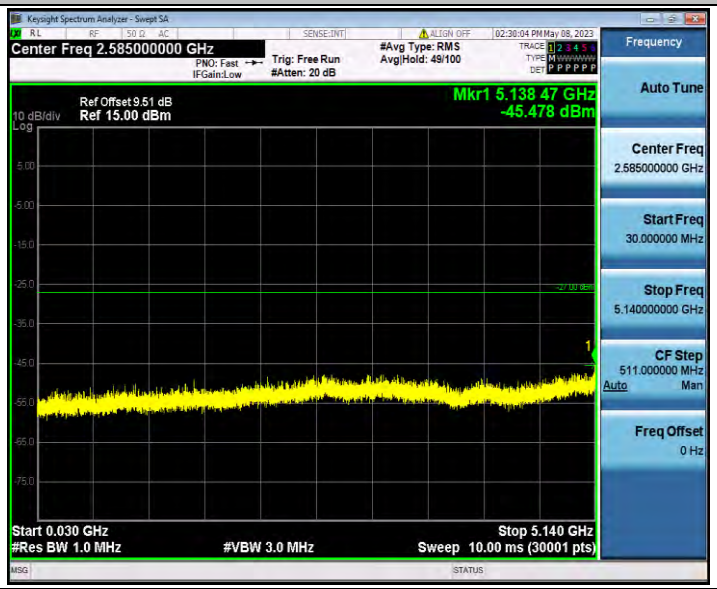
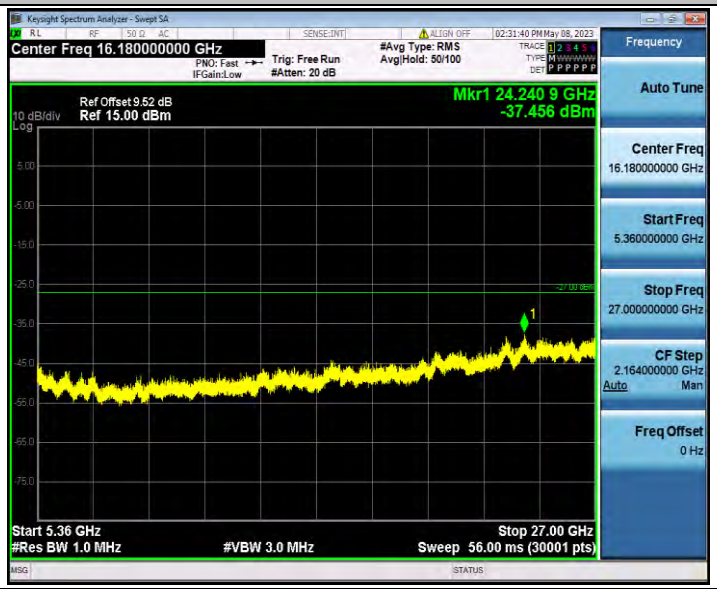
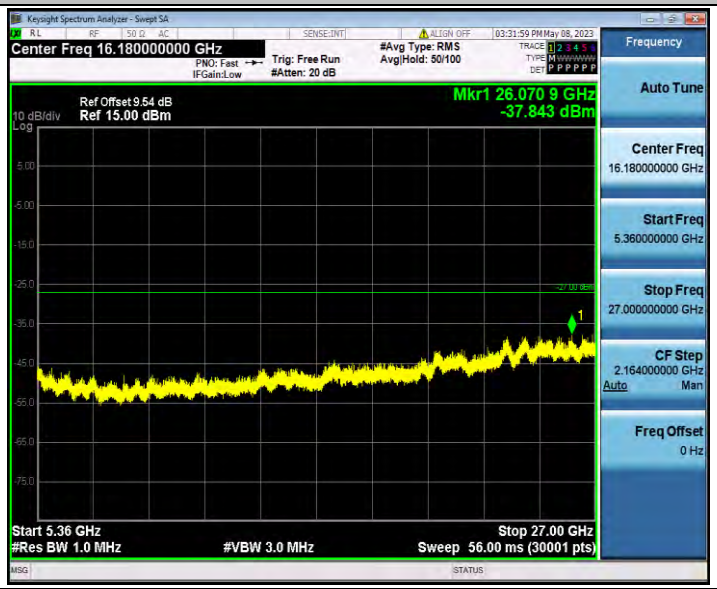

11N20SISO_Ant2_5180_30~5140

11N20SISO_Ant2_5180_5360~40000

11N20SISO_Ant2_5200_30~5140



11N20SISO_Ant2_5200_5360~40000

11N20SISO_Ant2_5240_30~5140

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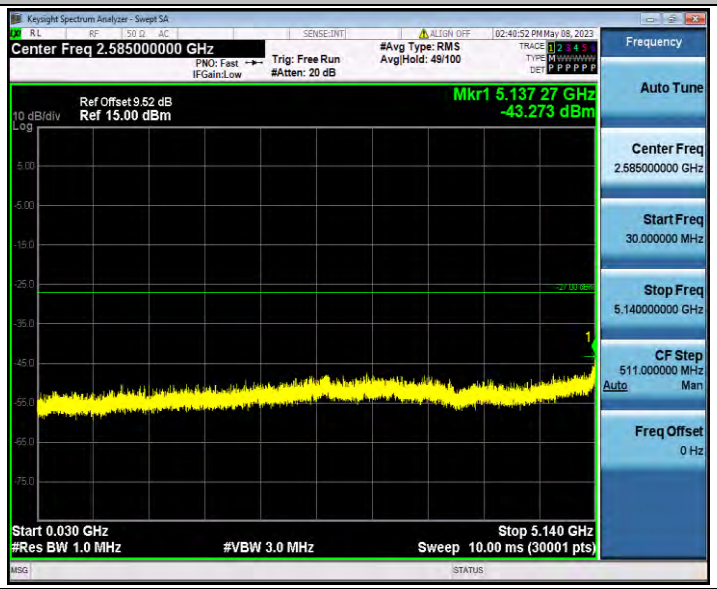
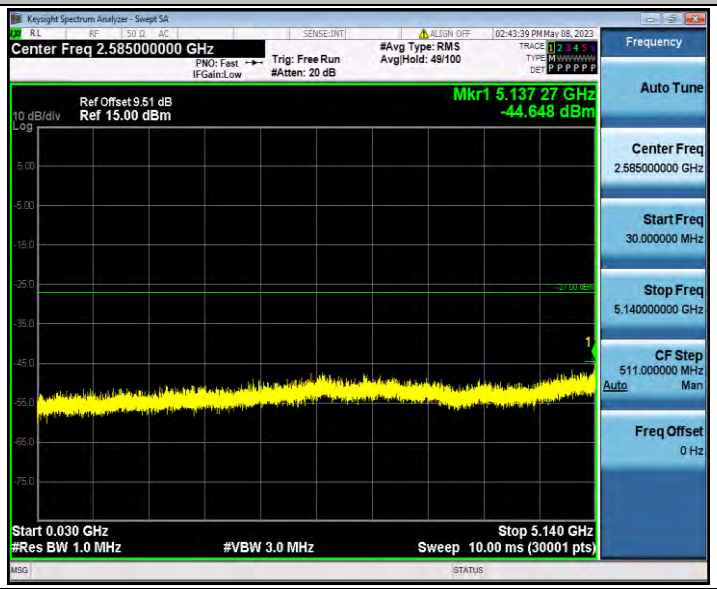
11N40SISO_Ant2_5190_30~5140

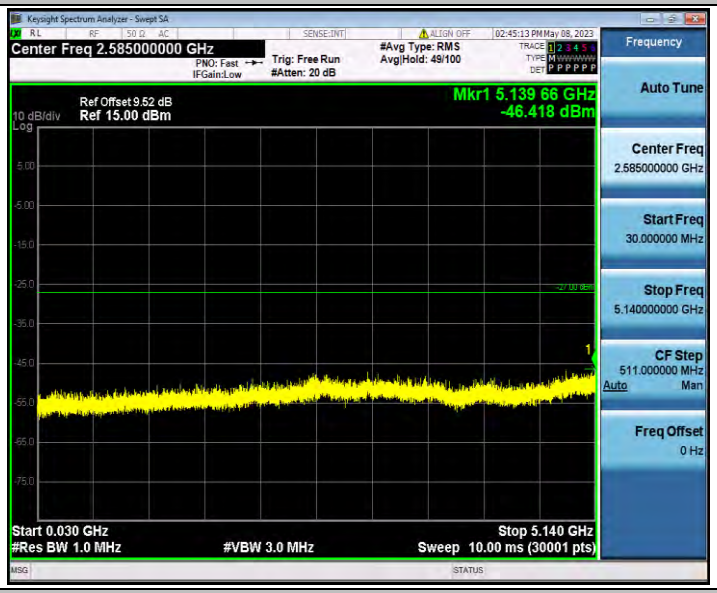
11N40SISO_Ant2_5190_5360~40000



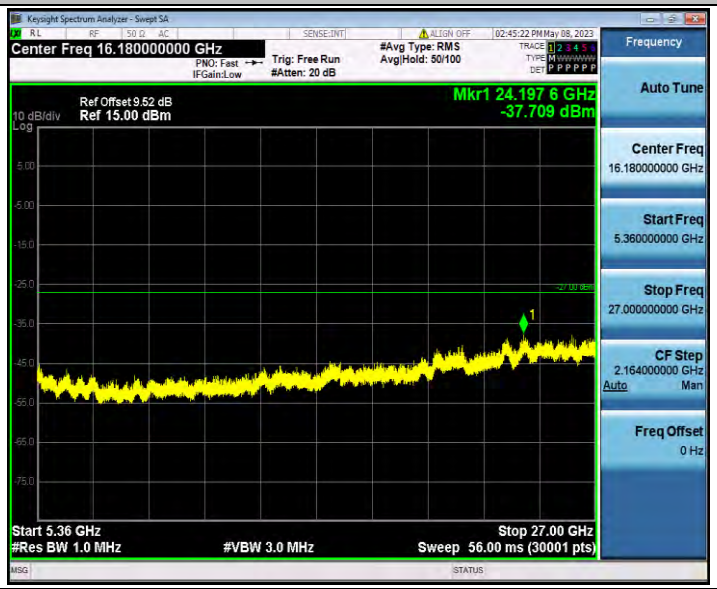
11N40SISO_Ant2_5230_30~5140

11N40SISO_Ant2_5230_5360~40000

11AC20SISO_Ant2_5180_30~5140

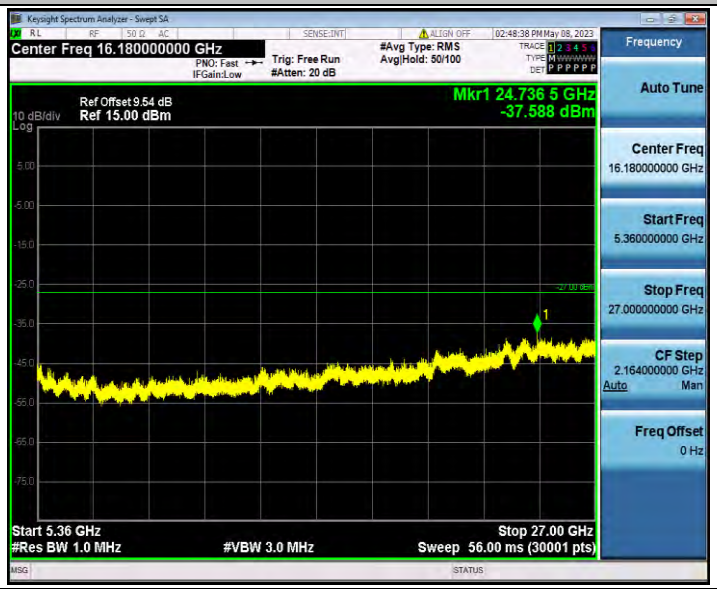
11AC20SISO_Ant2_5180_5360~40000



11AC20SISO_Ant2_5200_30~5140



11AC20SISO_Ant2_5200_5360~40000

11AC20SISO_Ant2_5240_30~5140

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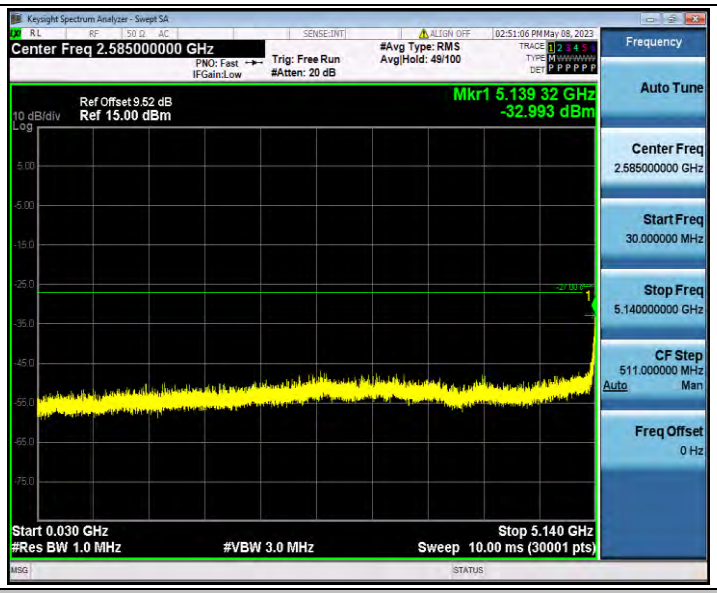

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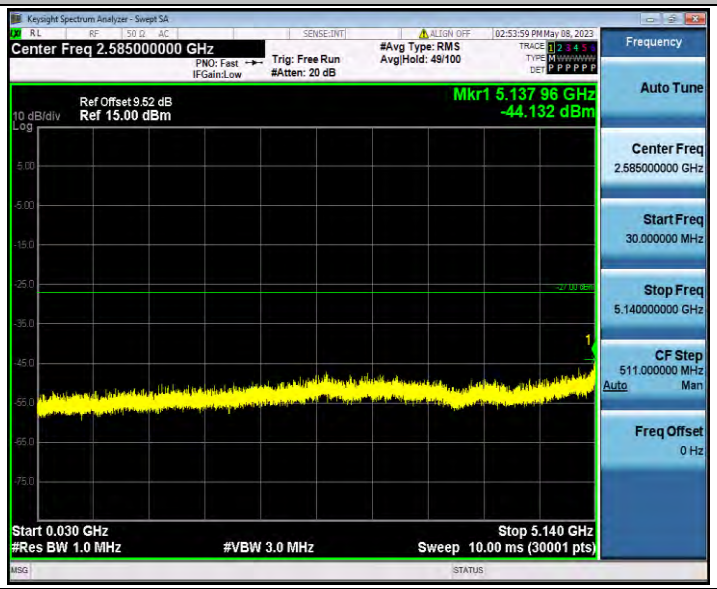

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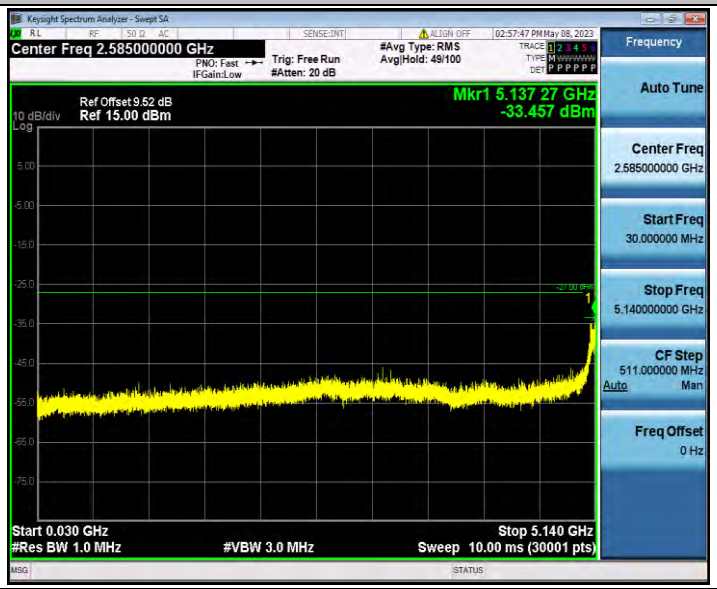
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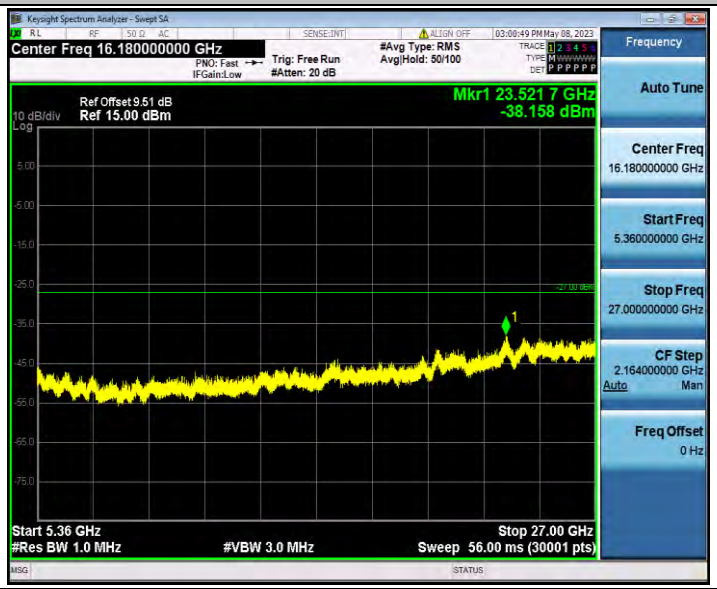

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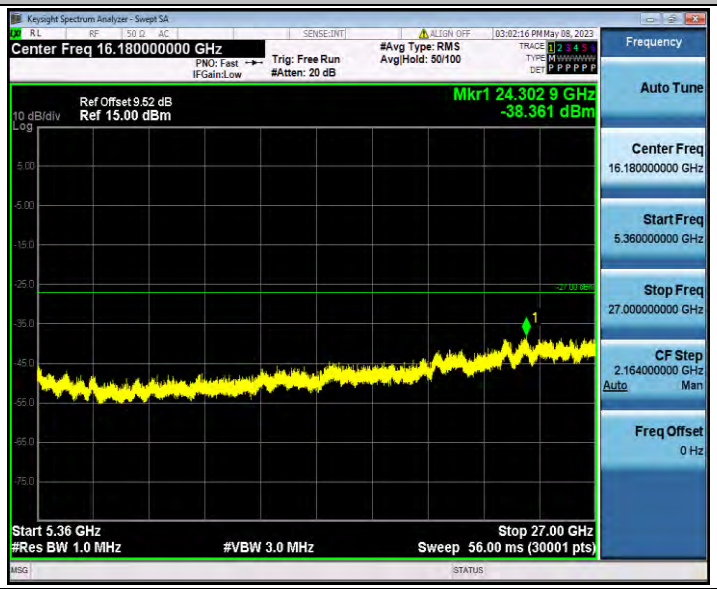
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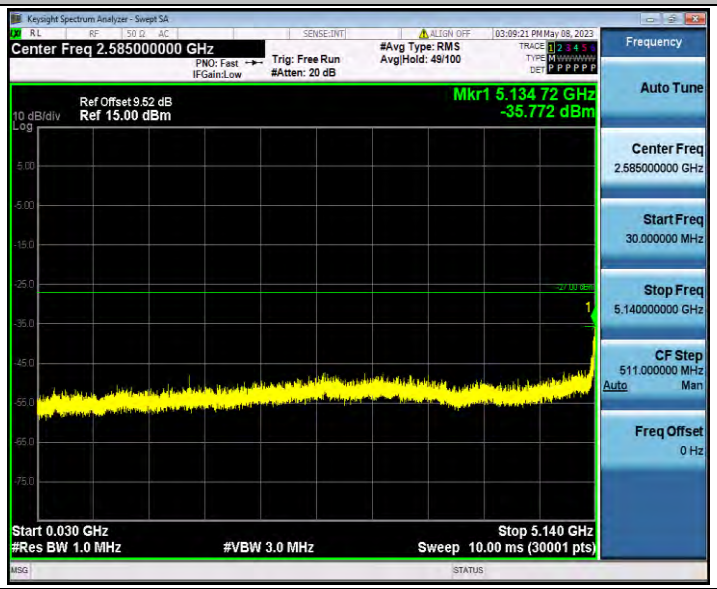

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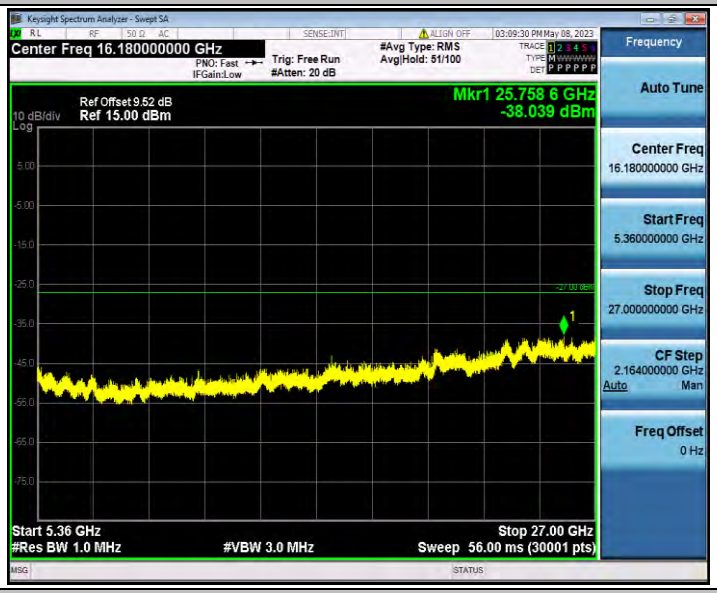
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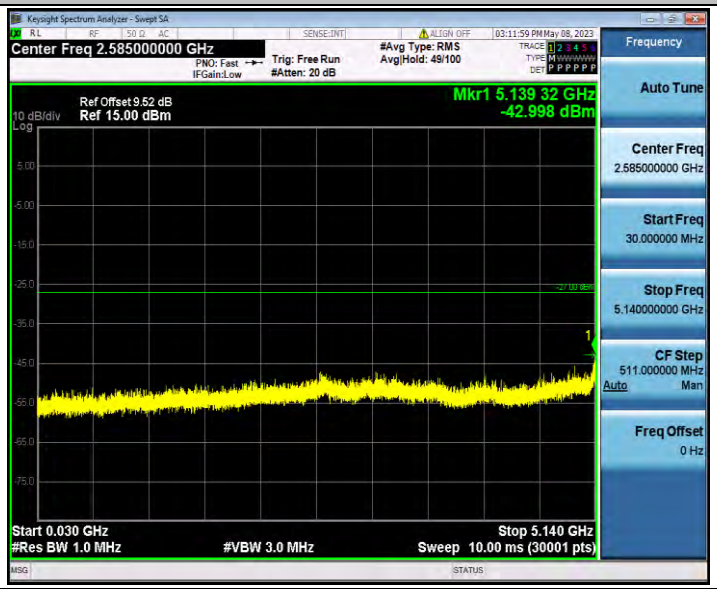
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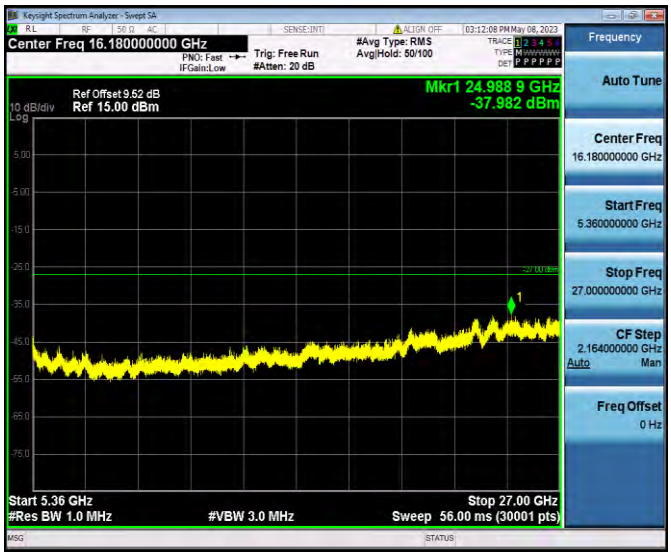

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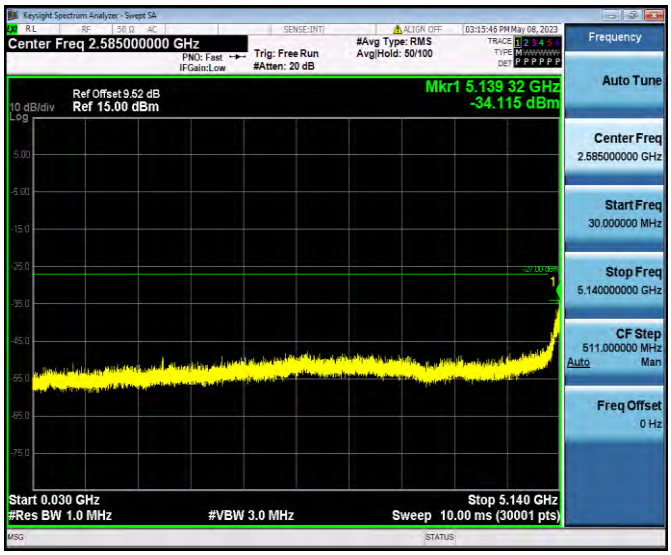

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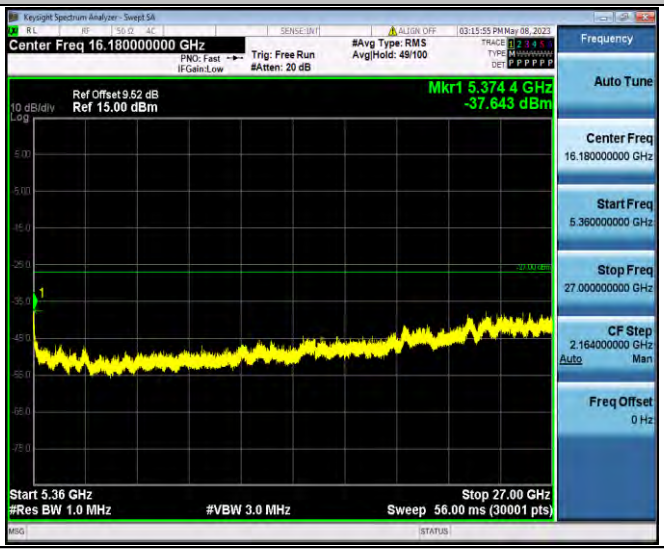

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