

Appendix F.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5500	16.66	98.12	0.08	16.74	≤23.98	PASS
		5600	16.17	98.12	0.08	16.25	≤23.98	PASS
		5700	16.57	97.65	0.10	16.67	≤23.98	PASS
11N20SISO	Ant2	5500	16.62	98.76	0.05	16.67	≤23.98	PASS
		5600	16.28	99.00	0.04	16.32	≤23.98	PASS
		5700	16.43	98.76	0.05	16.48	≤23.98	PASS
11N40SISO	Ant2	5510	18.13	99.00	0.04	18.17	≤23.98	PASS
		5590	17.68	98.76	0.05	17.73	≤23.98	PASS
		5670	15.68	98.76	0.05	15.73	≤23.98	PASS
11AC20SISO	Ant2	5500	15.49	98.75	0.05	15.54	≤23.98	PASS
		5600	15.05	98.75	0.05	15.10	≤23.98	PASS
		5700	15.28	98.75	0.05	15.33	≤23.98	PASS
11AC40SISO	Ant2	5510	15.51	98.75	0.05	15.56	≤23.98	PASS
		5590	14.93	99.00	0.04	14.97	≤23.98	PASS
		5670	15.67	98.75	0.05	15.72	≤23.98	PASS
11AC80SISO	Ant2	5530	15.30	98.75	0.05	15.35	≤23.98	PASS
		5610	14.82	98.76	0.05	14.87	≤23.98	PASS
11AX20SISO	Ant2	5500	15.24	98.75	0.05	15.29	≤23.98	PASS
		5600	14.77	98.75	0.05	14.82	≤23.98	PASS
		5700	15.02	98.75	0.05	15.07	≤23.98	PASS
11AX40SISO	Ant2	5510	15.21	98.75	0.05	15.26	≤23.98	PASS
		5590	14.53	98.75	0.05	14.58	≤23.98	PASS
		5670	15.24	99.00	0.04	15.28	≤23.98	PASS
11AX80SISO	Ant2	5530	15.01	98.75	0.05	15.06	≤23.98	PASS
		5610	14.49	99.00	0.04	14.53	≤23.98	PASS

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

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5500	5.69	≤11.00	PASS
		5600	5.22	≤11.00	PASS
		5700	5.75	≤11.00	PASS
11N20SISO	Ant2	5500	5.36	≤11.00	PASS
		5600	4.98	≤11.00	PASS
		5700	5.31	≤11.00	PASS
11N40SISO	Ant2	5510	3.88	≤11.00	PASS
		5590	2.45	≤11.00	PASS
		5670	1.27	≤11.00	PASS
11AC20SISO	Ant2	5500	4.22	≤11.00	PASS
		5600	3.82	≤11.00	PASS
		5700	4.1	≤11.00	PASS
11AC40SISO	Ant2	5510	1.3	≤11.00	PASS
		5590	0.67	≤11.00	PASS
		5670	1.25	≤11.00	PASS
11AC80SISO	Ant2	5530	-1.65	≤11.00	PASS
		5610	-2.03	≤11.00	PASS
11AX20SISO	Ant2	5500	3.68	≤11.00	PASS
		5600	3.36	≤11.00	PASS
		5700	3.64	≤11.00	PASS
11AX40SISO	Ant2	5510	0.8	≤11.00	PASS
		5590	0.12	≤11.00	PASS
		5670	0.69	≤11.00	PASS
11AX80SISO	Ant2	5530	-2.05	≤11.00	PASS
		5610	-2.44	≤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



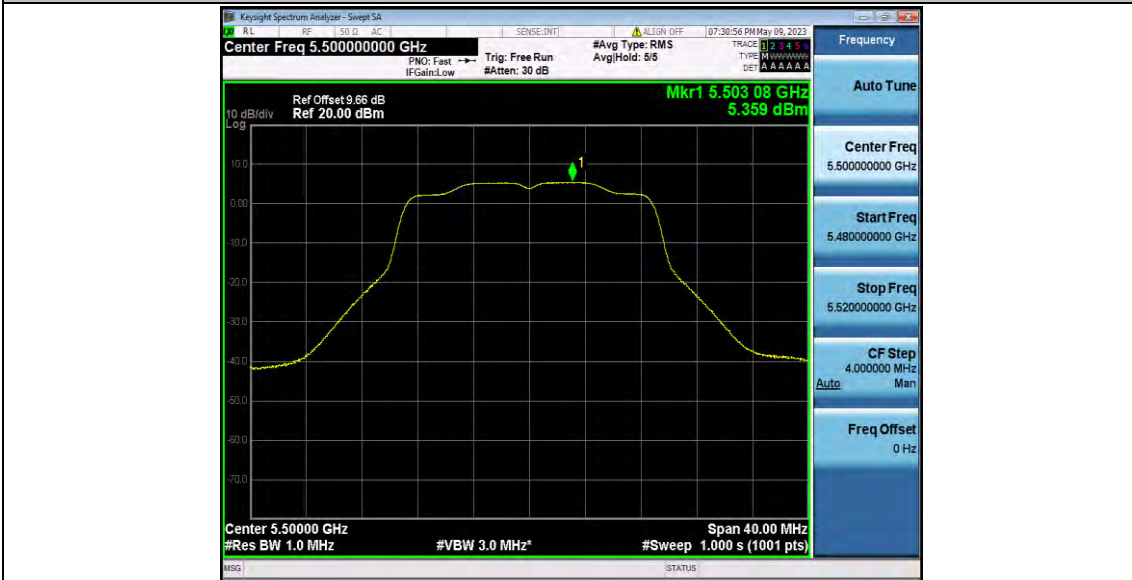
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11A_Ant2_5600



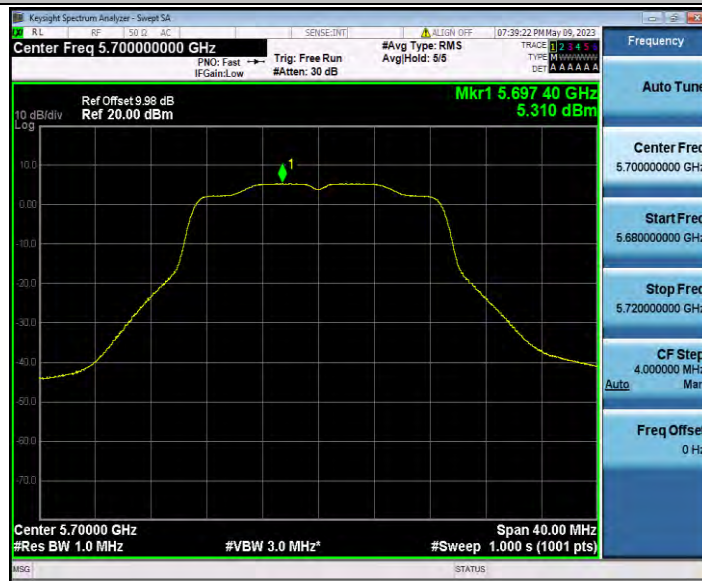
11A_Ant2_5700



11N20SISO_Ant2_5500



11N20SISO_Ant2_5600



11N20SISO_Ant2_5700



11N40SISO_Ant2_5510



11N40SISO_Ant2_5590



11N40SISO_Ant2_5670



11AC20SISO_Ant2_5500



11AC20SISO_Ant2_5600



11AC20SISO_Ant2_5700



11AC40SISO_Ant2_5510



11AC40SISO_Ant2_5590



11AC40SISO_Ant2_5670



11AC80SISO_Ant2_5530



11AC80SISO_Ant2_5610



11AX20SISO_Ant2_5500



11AX20SISO_Ant2_5600



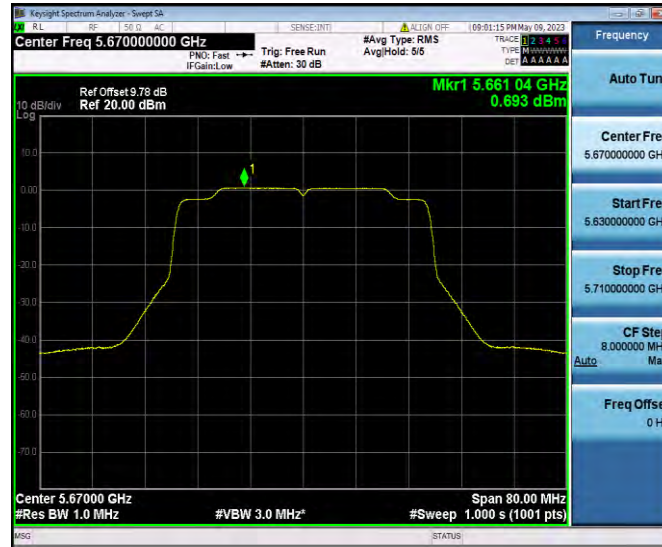
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11AX40SISO_Ant2_5510



11AX40SISO_Ant2_5590



11AX40SISO_Ant2_5670



11AX80SISO_Ant2_5530



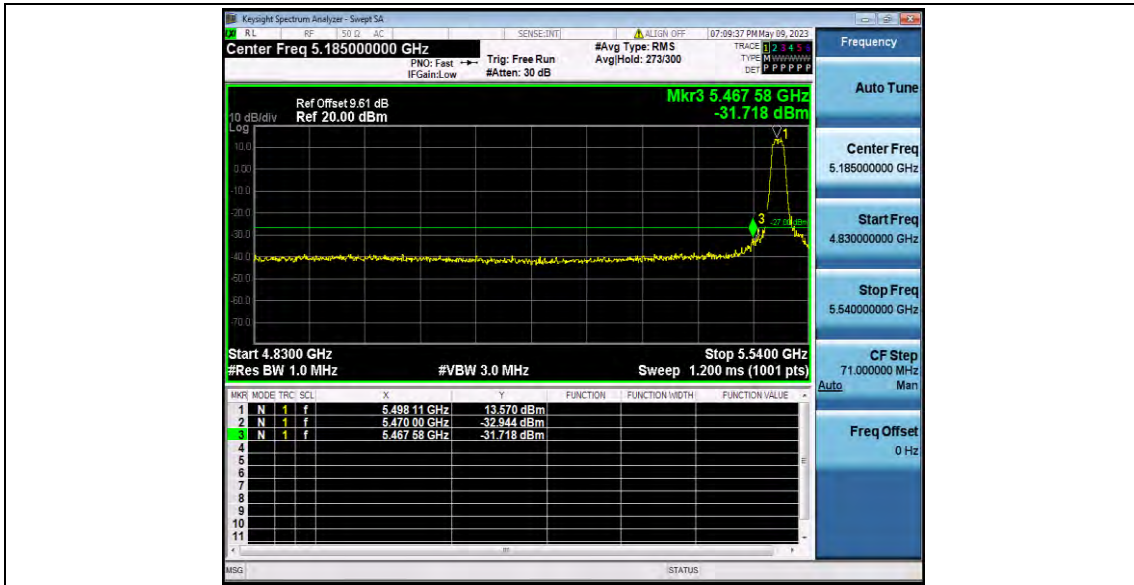
11AX80SISO_Ant2_5610

Appendix F.6: Band edge measurements

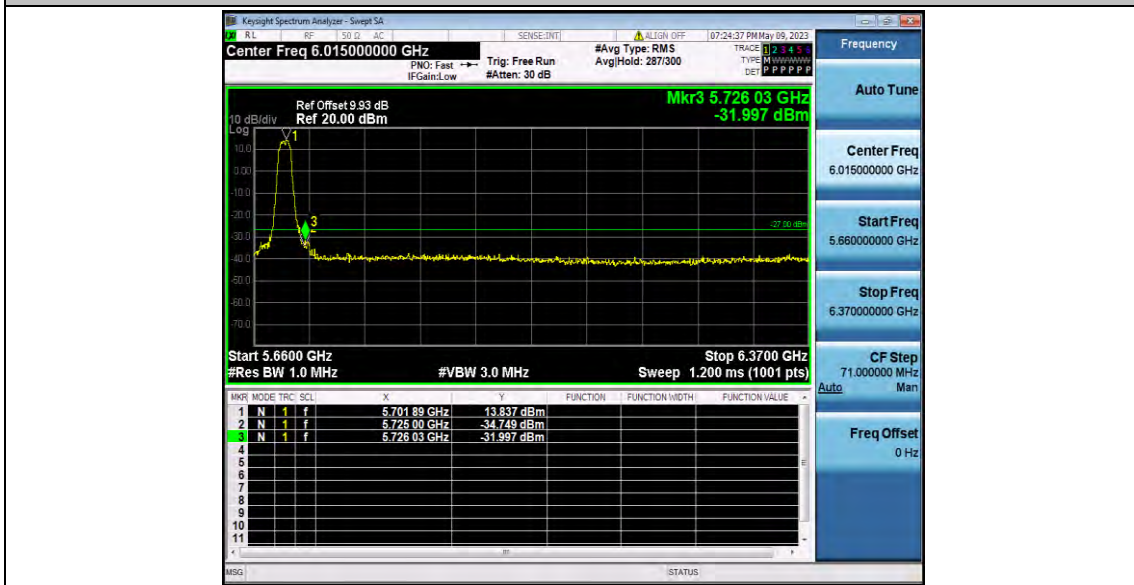
Test Result B3

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5500	-31.72	≤-27	PASS
		High	5700	-32	≤-27	PASS
11N20SISO	Ant2	Low	5500	-33.28	≤-27	PASS
		High	5700	-32.94	≤-27	PASS
11N40SISO	Ant2	Low	5510	-33.99	≤-27	PASS
		High	5670	-36.84	≤-27	PASS
11AC20SISO	Ant2	Low	5500	-35.4	≤-27	PASS
		High	5700	-37.31	≤-27	PASS
11AC40SISO	Ant2	Low	5510	-33.24	≤-27	PASS
		High	5670	-36.06	≤-27	PASS
11AC80SISO	Ant2	Low	5530	-34.39	≤-27	PASS
		High	5610	-37.61	≤-27	PASS
11AX20SISO	Ant2	Low	5500	-36.71	≤-27	PASS
		High	5700	-35.13	≤-27	PASS
11AX40SISO	Ant2	Low	5510	-33.4	≤-27	PASS
		High	5670	-37.87	≤-27	PASS
11AX80SISO	Ant2	Low	5530	-34.55	≤-27	PASS
		High	5610	-37.42	≤-27	PASS

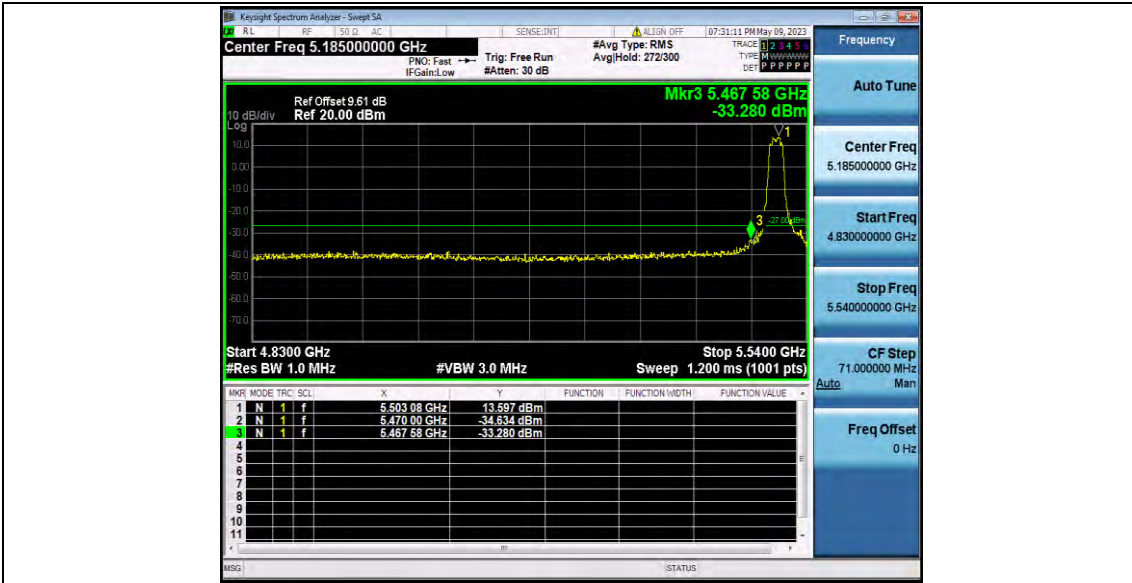
Test Graphs B3



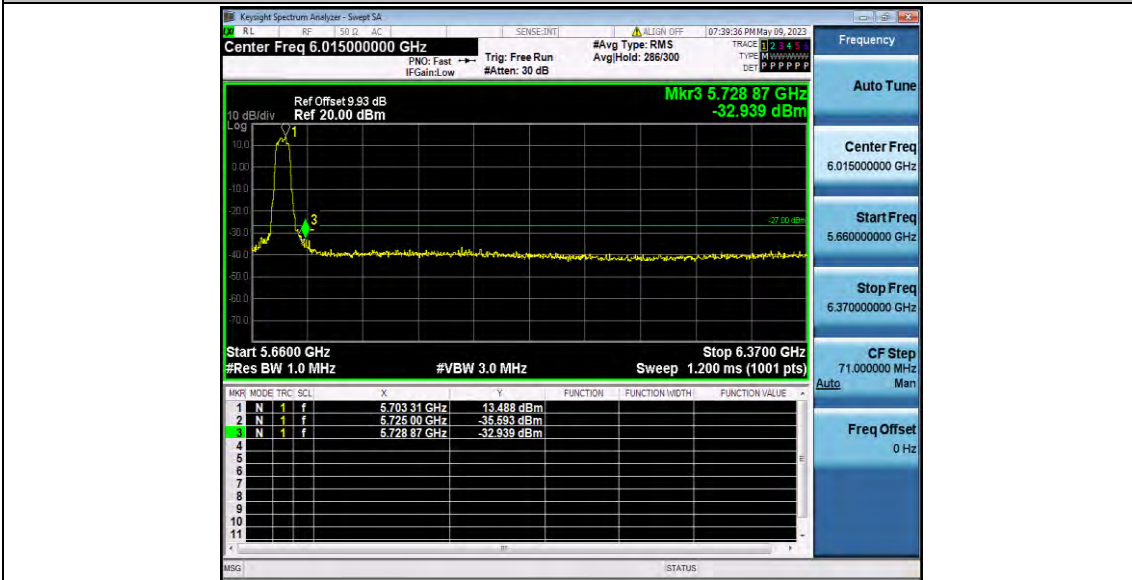
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11A_Ant2_High_5700



11N20SISO_Ant2_Low_5500



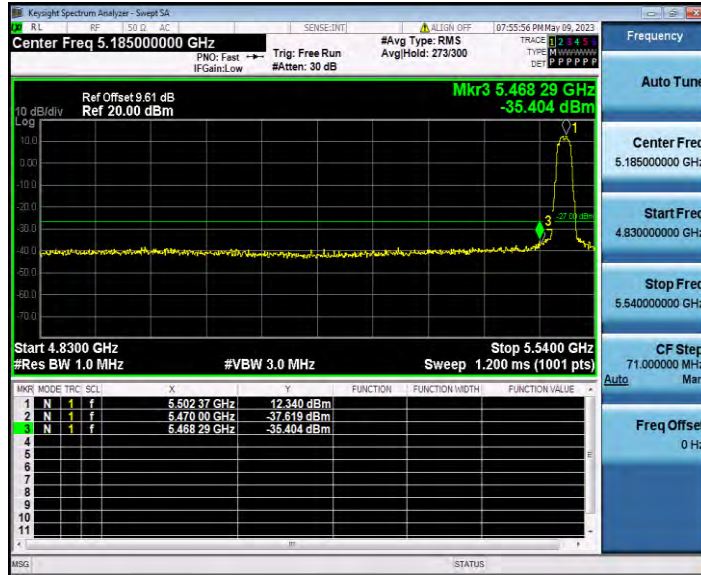
11N20SISO_Ant2_High_5700



11N40SISO_Ant2_Low_5510



11N40SISO_Ant2_High_5670



11AC20SISO_Ant2_Low_5500



11AC20SISO_Ant2_High_5700



11AC40SISO_Ant2_Low_5510



11AC40SISO_Ant2_High_5670



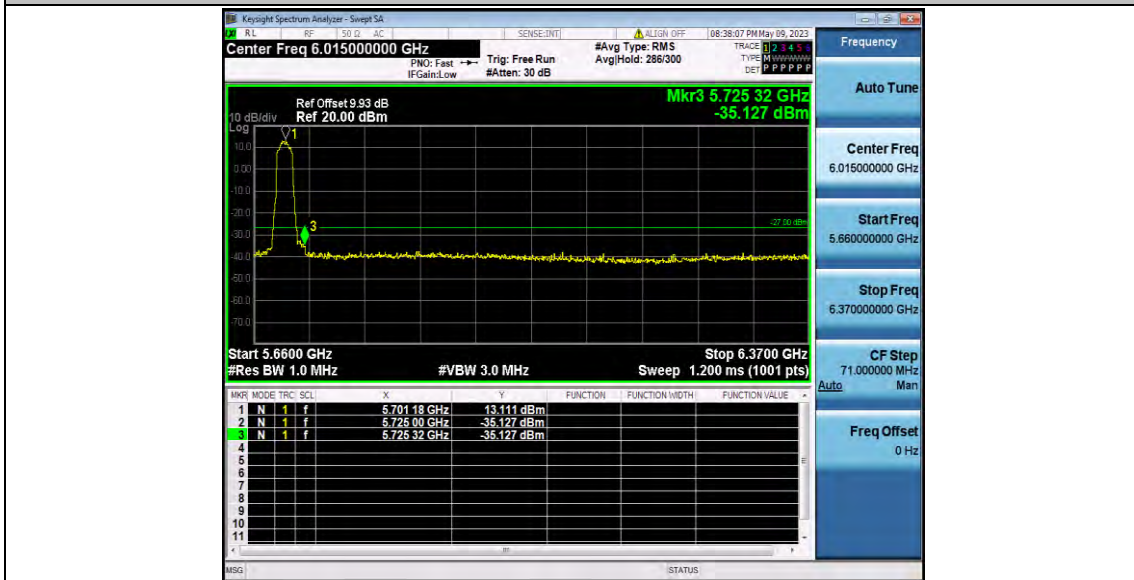
11AC80SISO_Ant2_Low_5530



11AC80SISO_Ant2_High_5610



11AX20SISO_Ant2_Low_5500



11AX20SISO_Ant2_High_5700



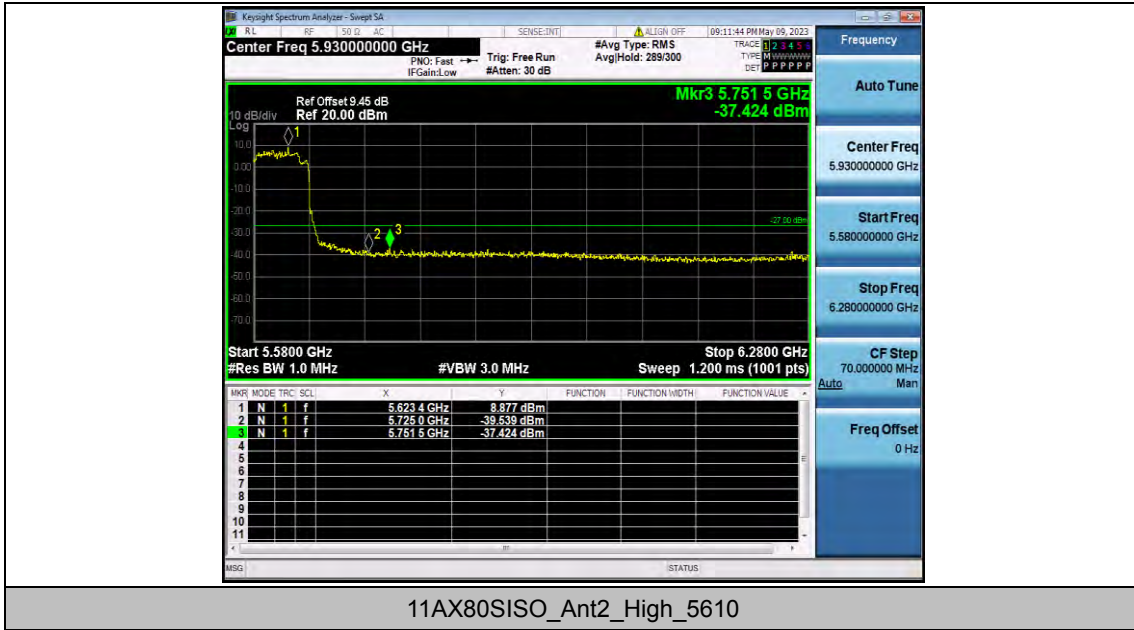
11AX40SISO_Ant2_Low_5510



11AX40SISO_Ant2_High_5670



11AX80SISO_Ant2_Low_5530



11AX80SISO_Ant2_High_5610

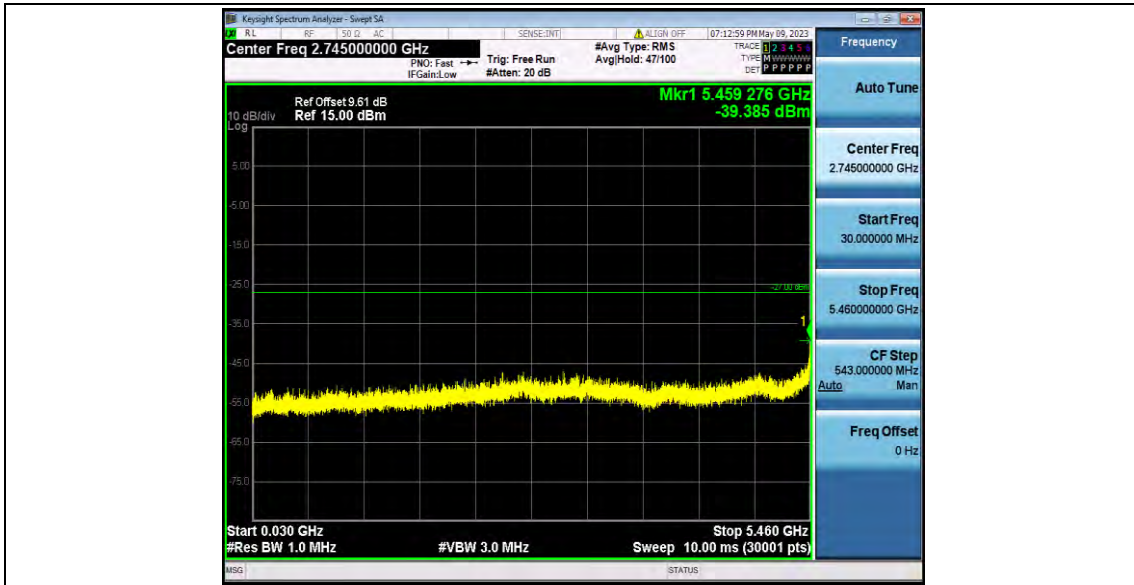
Appendix F.7: Conducted Spurious Emission

Test Result

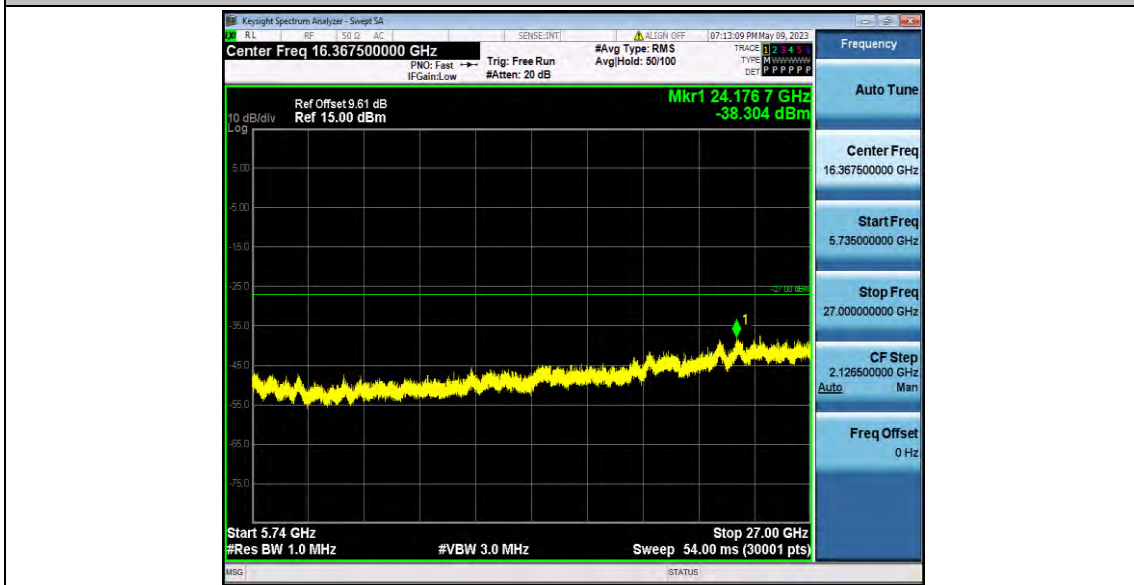
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5500	30~5460	5459.28	-39.39	≤-27	PASS
			5735~40000	24176.72	-38.3	≤-27	PASS
		5600	30~5460	5366.97	-46.55	≤-27	PASS
			5735~40000	26978.03	-38.26	≤-27	PASS
		5700	30~5460	2636.76	-46.37	≤-27	PASS
			5735~40000	24152.62	-37.6	≤-27	PASS
11N20SISO	Ant2	5500	30~5460	5458.55	-34.83	≤-27	PASS
			5735~40000	26070.72	-38	≤-27	PASS
		5600	30~5460	5439.91	-45.71	≤-27	PASS
			5735~40000	26982.99	-38.28	≤-27	PASS
		5700	30~5460	5440.09	-45.01	≤-27	PASS
			5735~40000	24275.95	-37.45	≤-27	PASS
11N40SISO	Ant2	5510	30~5460	5458.55	-43.72	≤-27	PASS
			5735~40000	24837.35	-38.31	≤-27	PASS
		5590	30~5460	5457.29	-41.07	≤-27	PASS
			5735~40000	24301.47	-37.98	≤-27	PASS
		5670	30~5460	5334.93	-46.3	≤-27	PASS
			5735~40000	26411.67	-38.08	≤-27	PASS
11AC20SISO	Ant2	5500	30~5460	5458.55	-43.72	≤-27	PASS
			5735~40000	25240.68	-38.16	≤-27	PASS
		5600	30~5460	5383.8	-46.91	≤-27	PASS
			5735~40000	24229.17	-38	≤-27	PASS
		5700	30~5460	5433.76	-46.03	≤-27	PASS
			5735~40000	24296.51	-37.21	≤-27	PASS
11AC40SISO	Ant2	5510	30~5460	5458.37	-40.44	≤-27	PASS
			5735~40000	24182.39	-37.16	≤-27	PASS
		5590	30~5460	5452.76	-44.68	≤-27	PASS
			5735~40000	26456.32	-37.23	≤-27	PASS
		5670	30~5460	5441.9	-45.71	≤-27	PASS
			5735~40000	26027.48	-37.7	≤-27	PASS
11AC80SISO	Ant2	5530	30~5460	5457.1	-37.22	≤-27	PASS
			5735~40000	26880.92	-37.71	≤-27	PASS
		5610	30~5460	5450.95	-40.55	≤-27	PASS
			5735~40000	23492.69	-37.74	≤-27	PASS
11AX20SISO	Ant2	5500	30~5460	5456.38	-41.85	≤-27	PASS
			5735~40000	25296.67	-37.93	≤-27	PASS

		5600	30~5460	5379.27	-46.51	≤ -27	PASS
			5735~40000	23548.69	-37.93	≤ -27	PASS
		5700	30~5460	5444.43	-46.84	≤ -27	PASS
			5735~40000	26605.18	-38.28	≤ -27	PASS
11AX40SISO	Ant2	5510	30~5460	5452.58	-40.68	≤ -27	PASS
			5735~40000	26517.28	-38.09	≤ -27	PASS
		5590	30~5460	5447.87	-44.88	≤ -27	PASS
			5735~40000	24258.94	-37.99	≤ -27	PASS
		5670	30~5460	5420.18	-45.93	≤ -27	PASS
			5735~40000	26860.36	-37.05	≤ -27	PASS
11AX80SISO	Ant2	5530	30~5460	5446.06	-36.21	≤ -27	PASS
			5735~40000	26032.44	-37.12	≤ -27	PASS
		5610	30~5460	5459.1	-39.65	≤ -27	PASS
			5735~40000	26039.53	-38.58	≤ -27	PASS

Test Graphs



11A_Ant2_5500_30~5460



11A_Ant2_5500_5735~40000



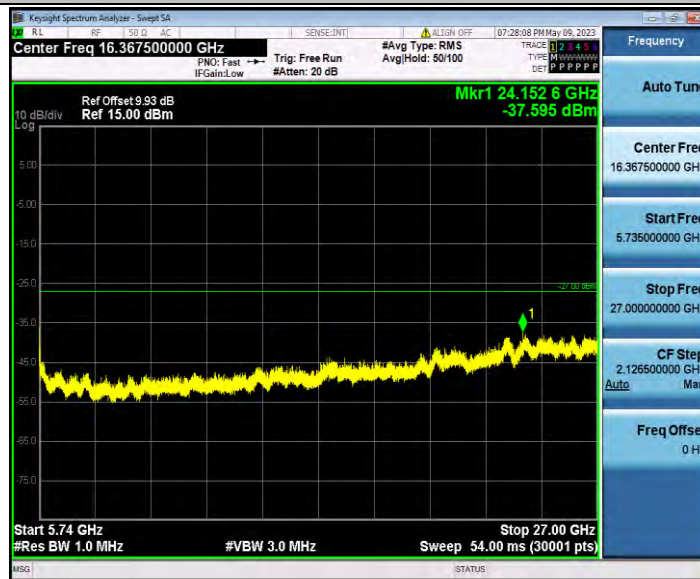
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11A_Ant2_5600_5735~40000



11A_Ant2_5700_30~5460



11A_Ant2_5700_5735~40000



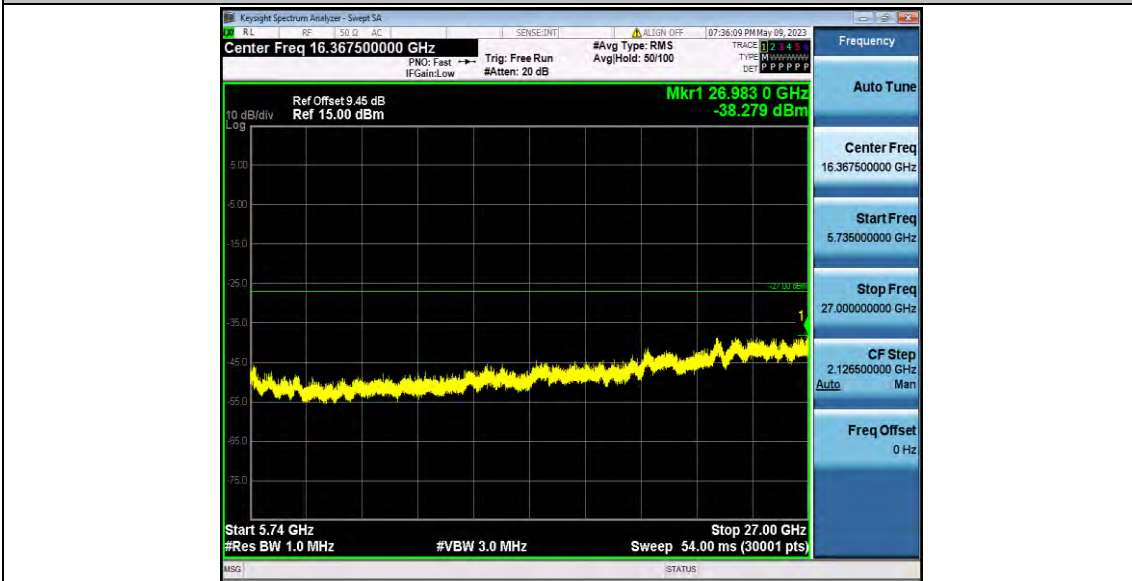
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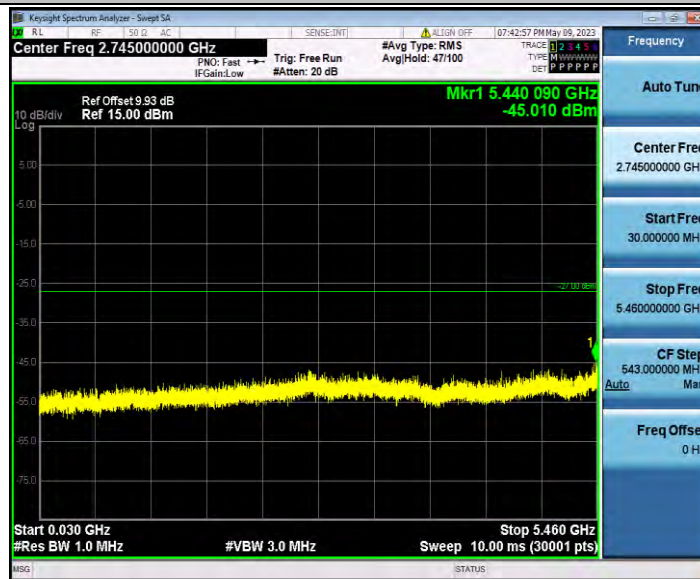
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11N20SISO_Ant2_5600_30-5460



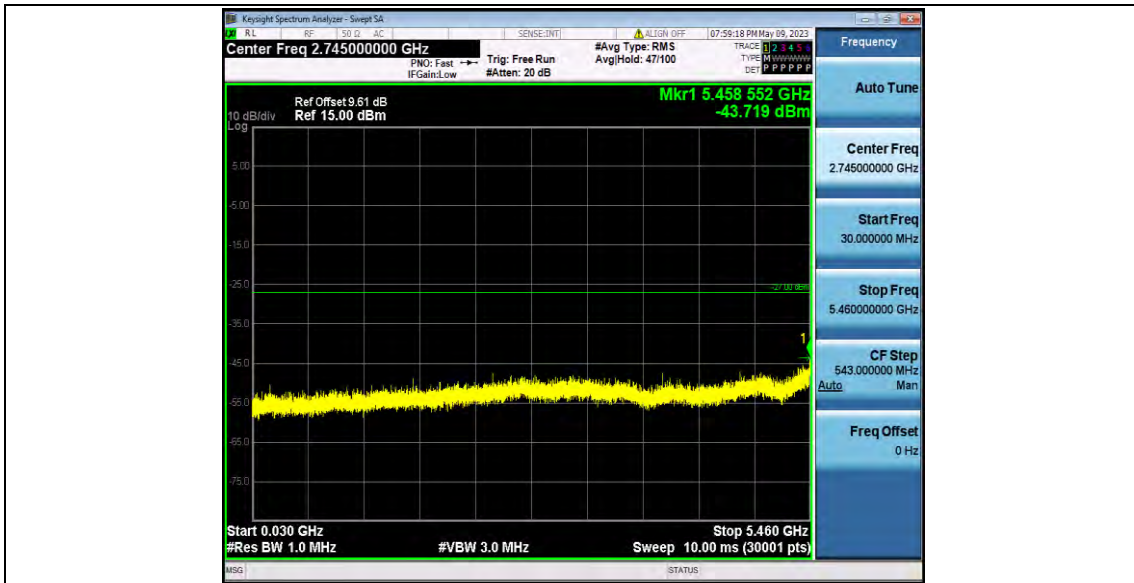
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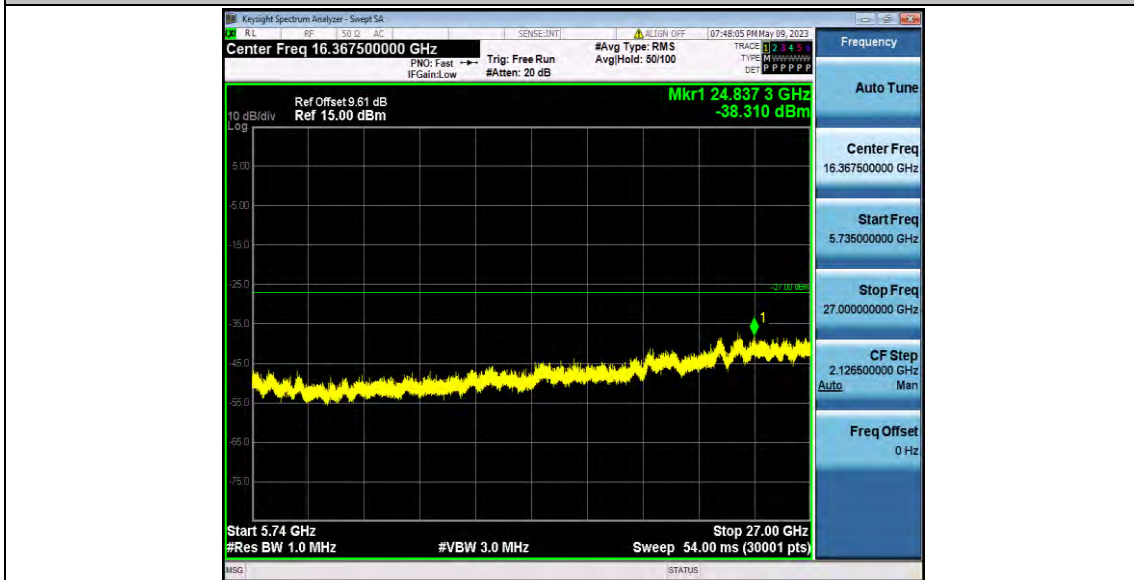
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11N20SISO_Ant2_5700_5735~40000



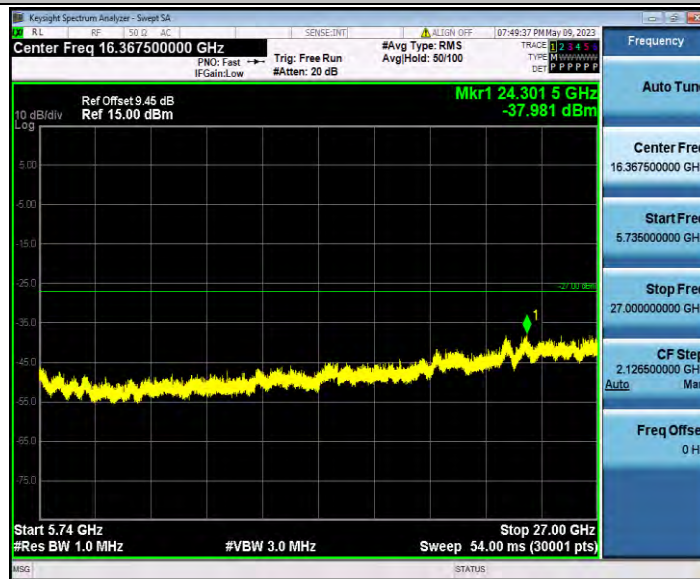
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11N40SISO_Ant2_5510_5735~40000



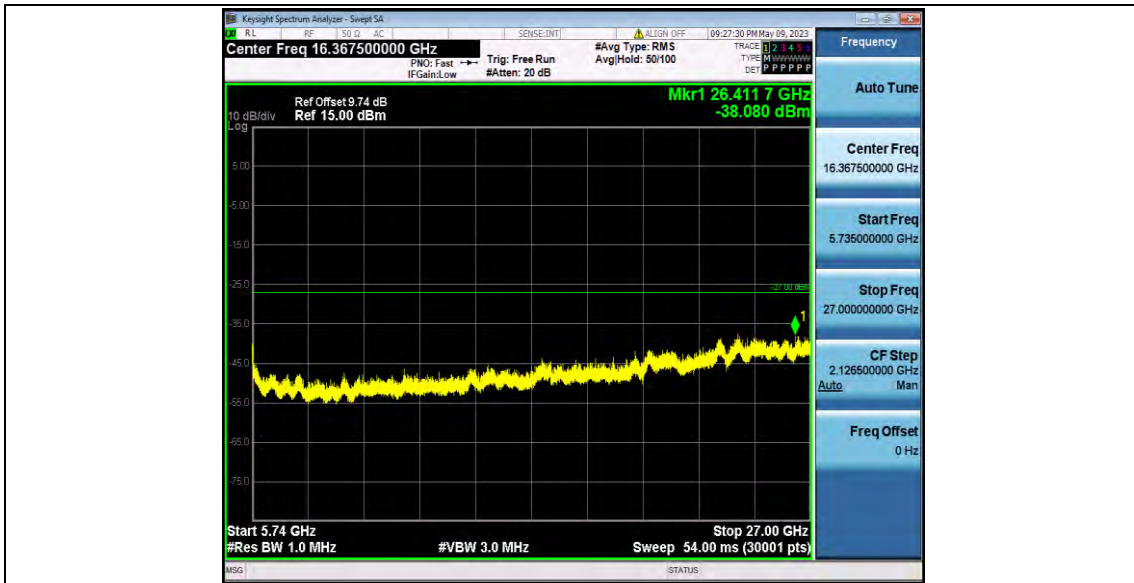
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11N40SISO_Ant2_5590_5735~40000



11N40SISO_Ant2_5670_30~5460



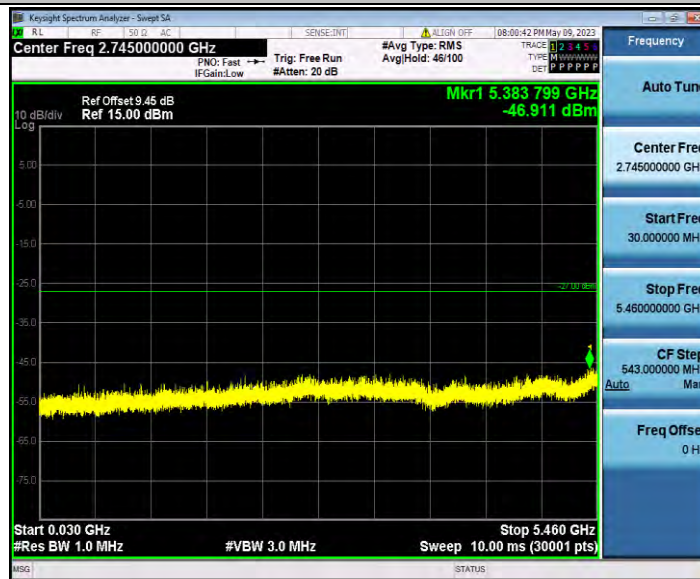
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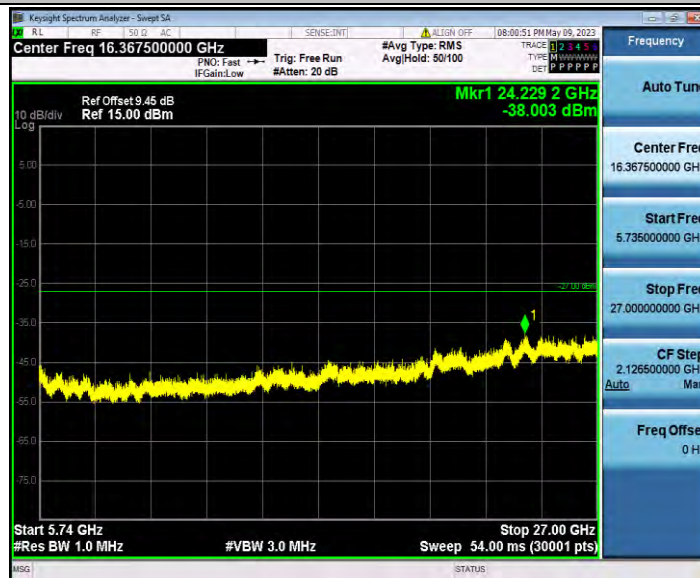
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11AC20SISO_Ant2_5500_5735~40000



11AC20SISO_Ant2_5600_30~5460



11AC20SISO_Ant2_5600_5735~40000



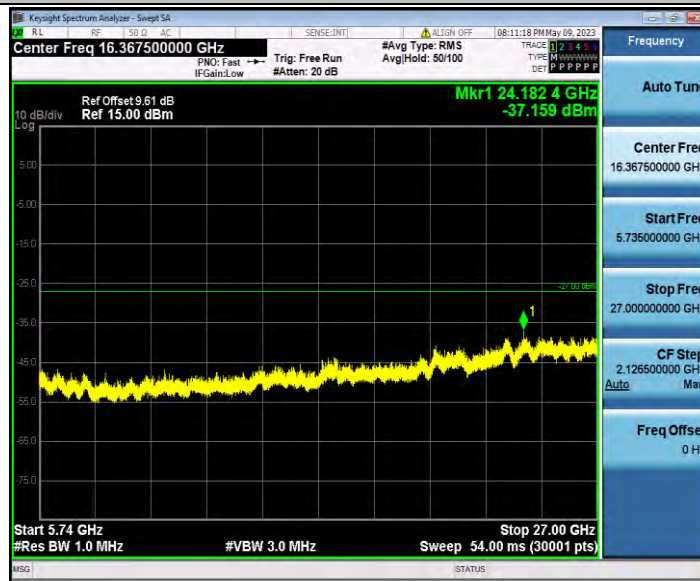
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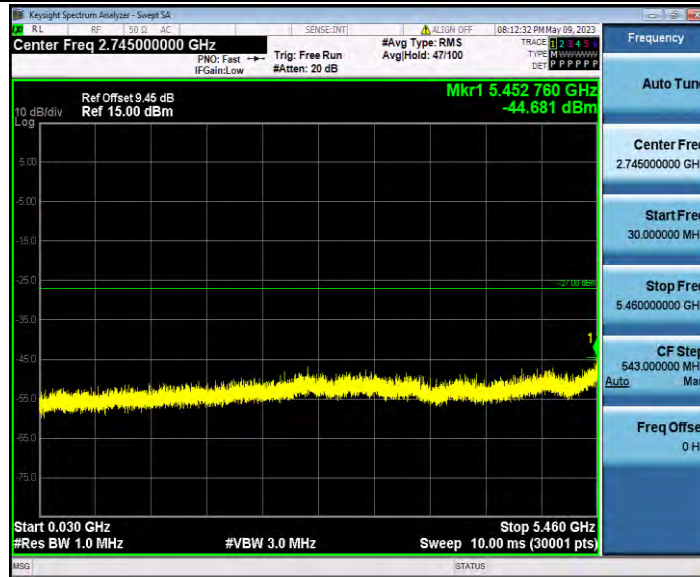
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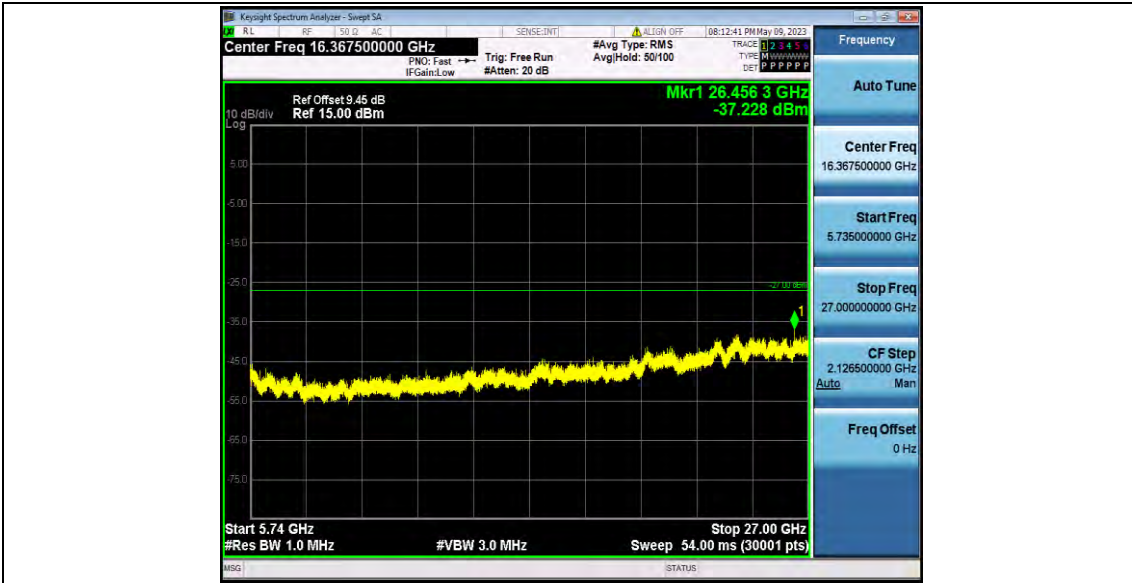
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11AC40SISO_Ant2_5510_5735~40000



11AC40SISO_Ant2_5590_30~5460



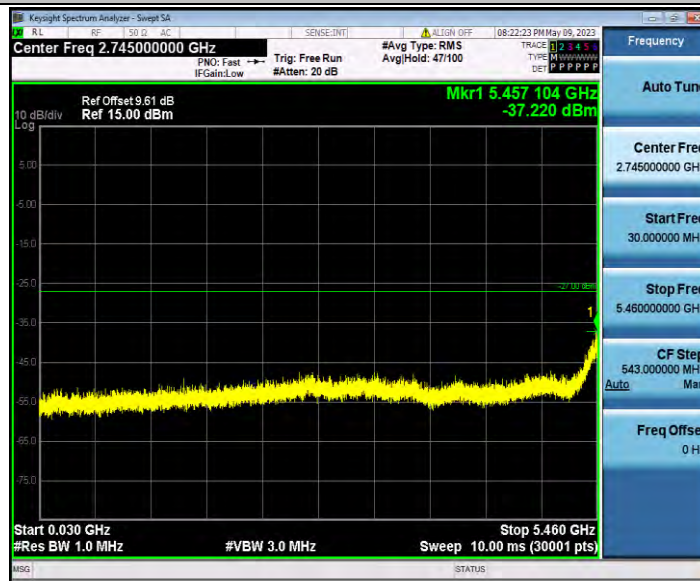
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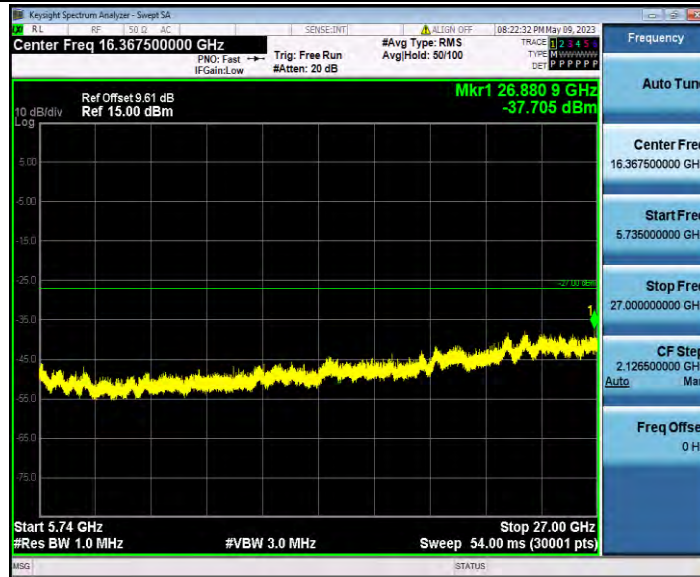
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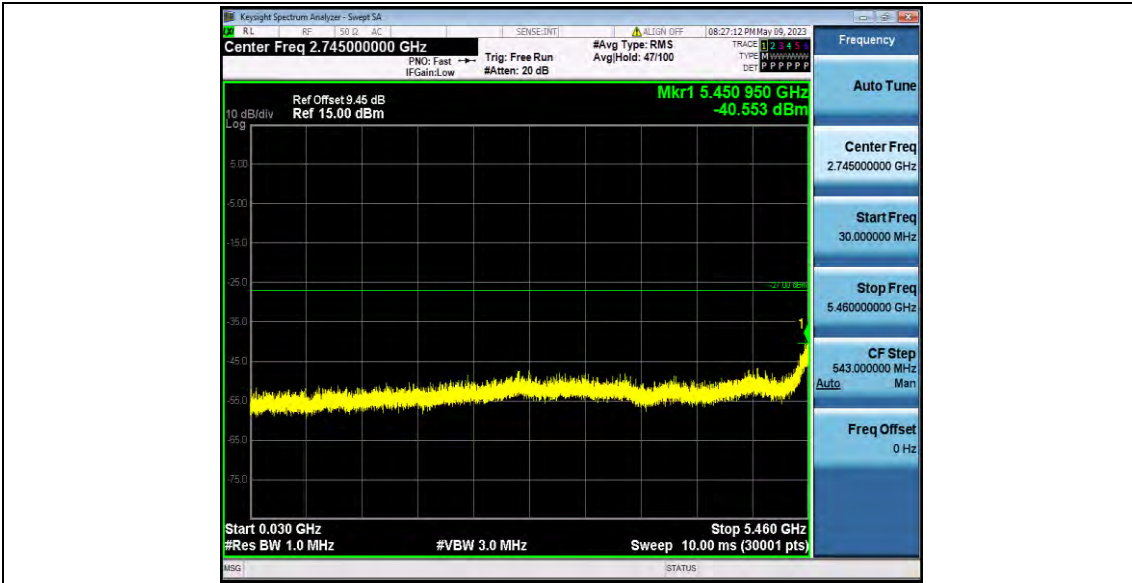
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11AC80SISO_Ant2_5530_30~5460



11AC80SISO_Ant2_5530_5735~40000



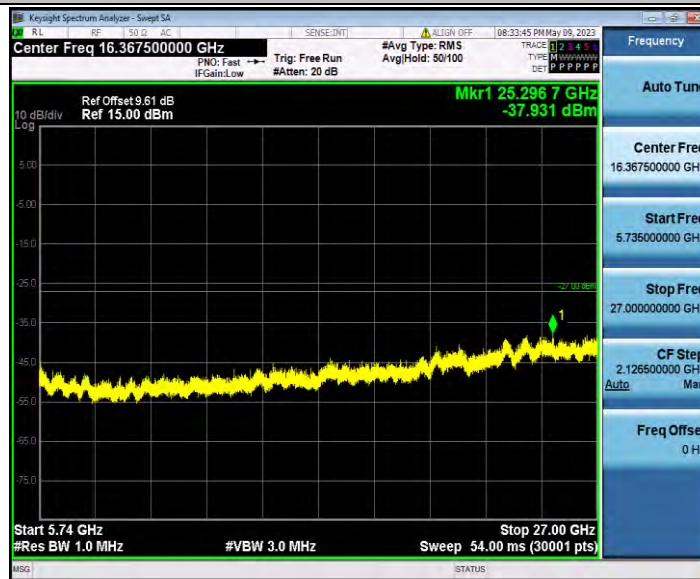
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11AC80SISO_Ant2_5610_5735~40000



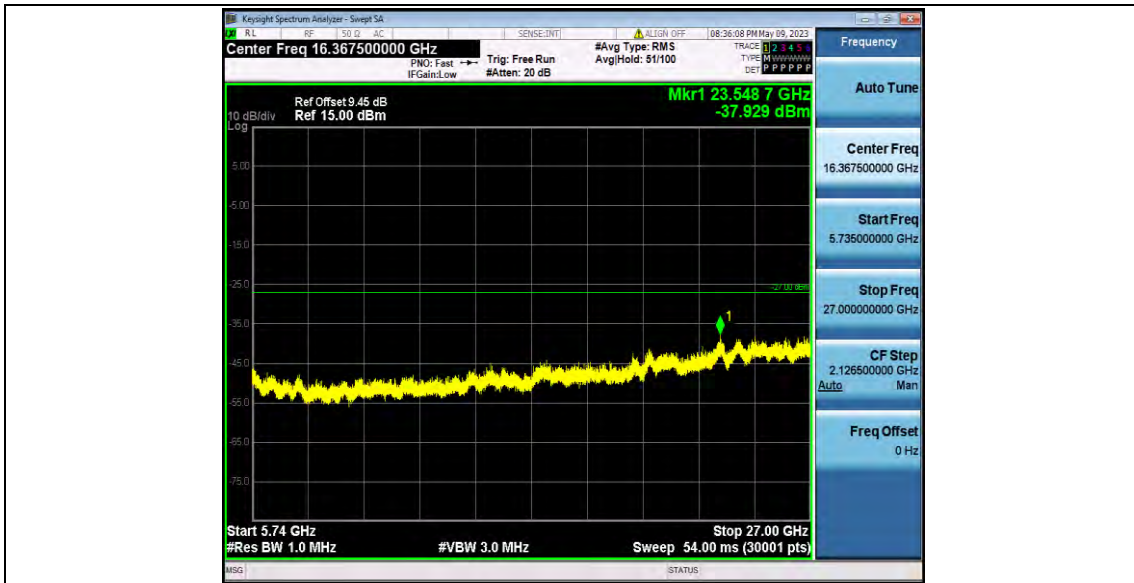
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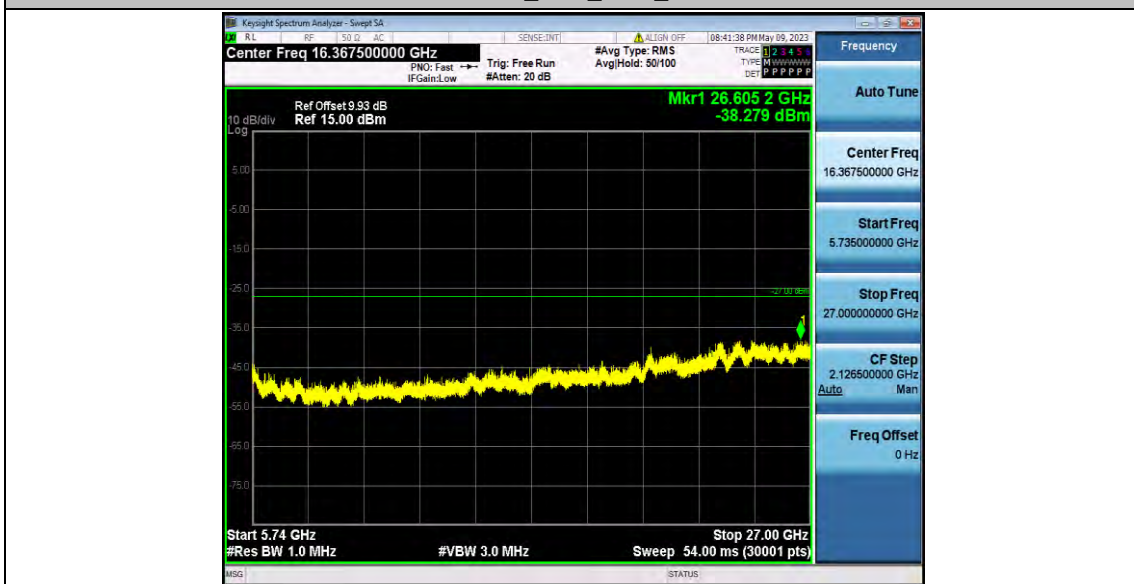
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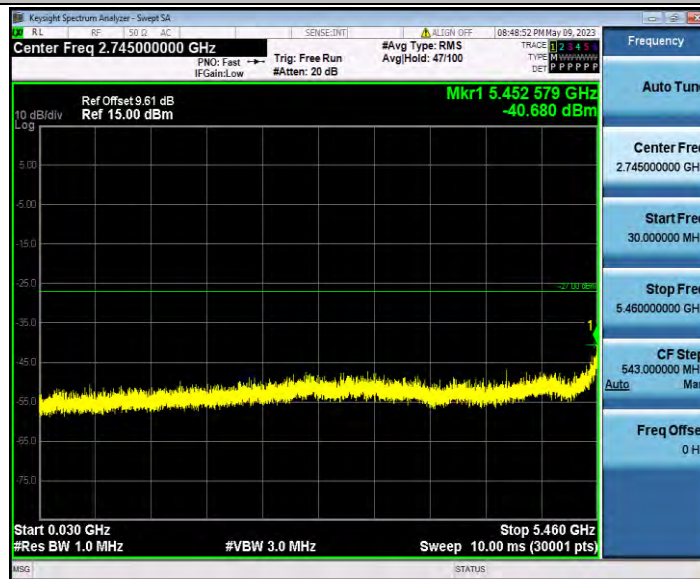
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11AX20SISO_Ant2_5700_30~5460



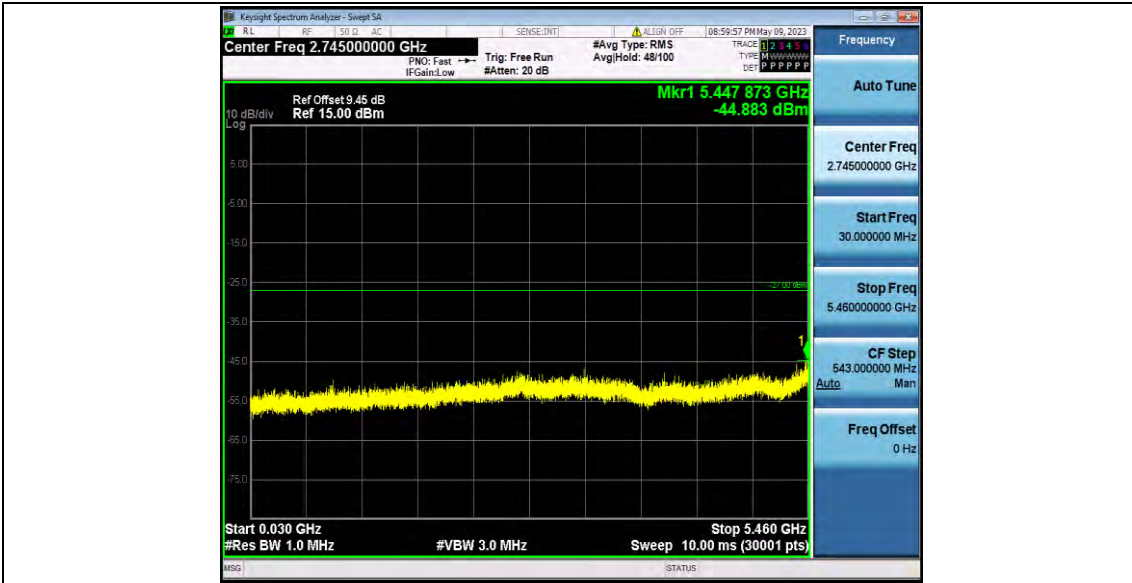
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11AX40SISO_Ant2_5510_30~5460



11AX40SISO_Ant2_5510_5735~40000



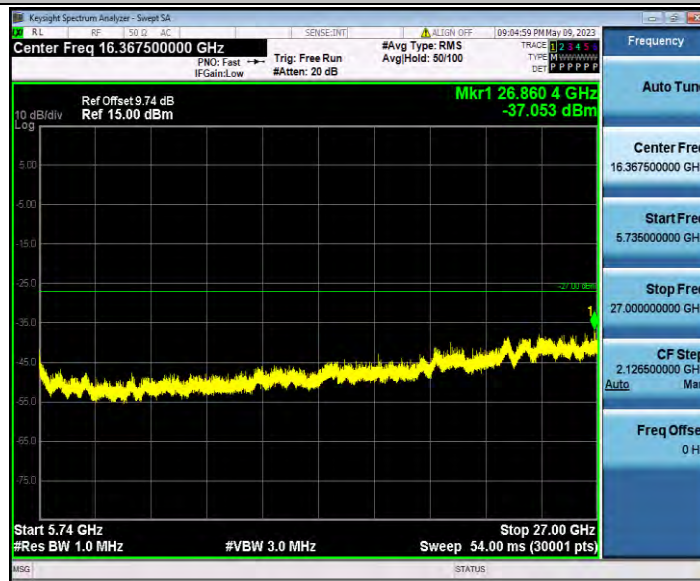
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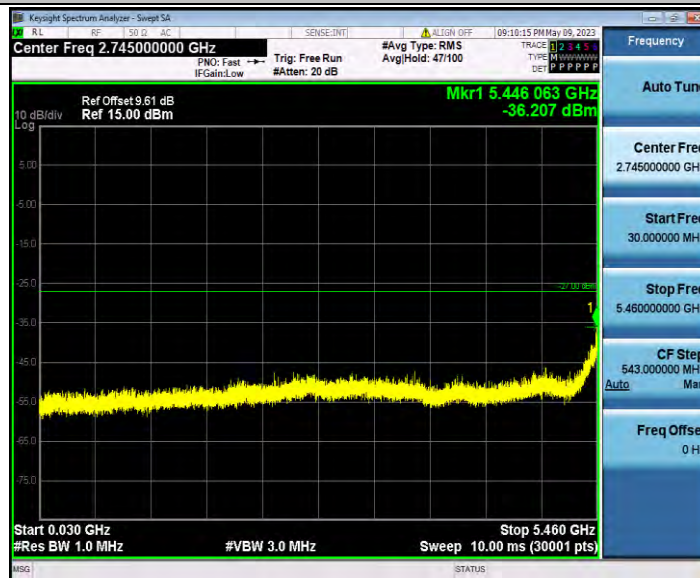
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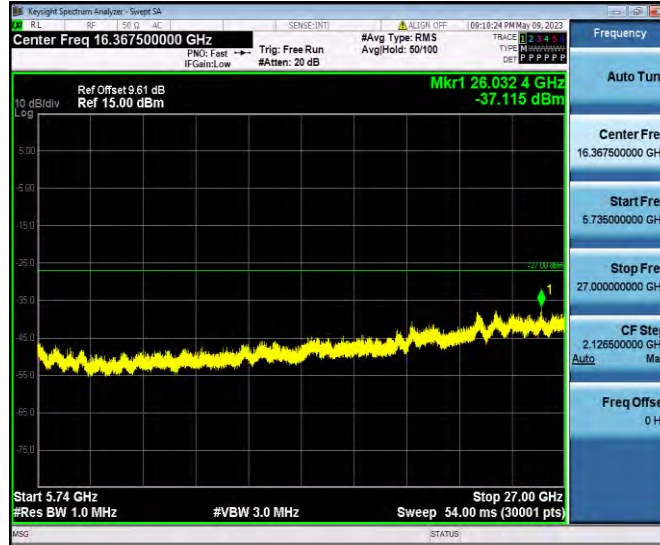
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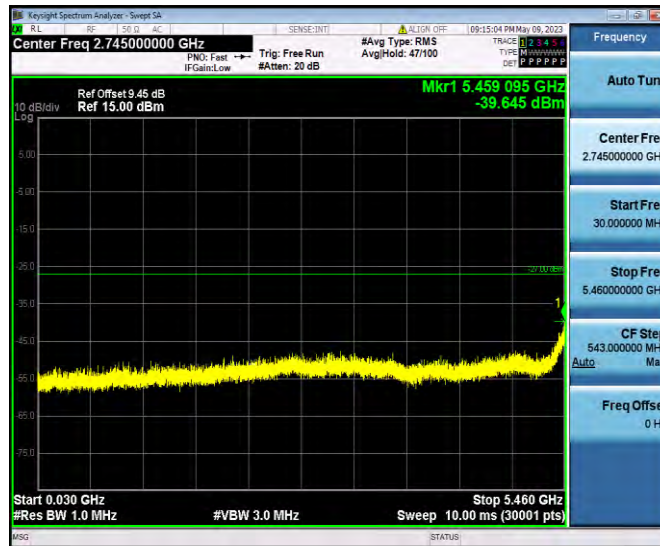
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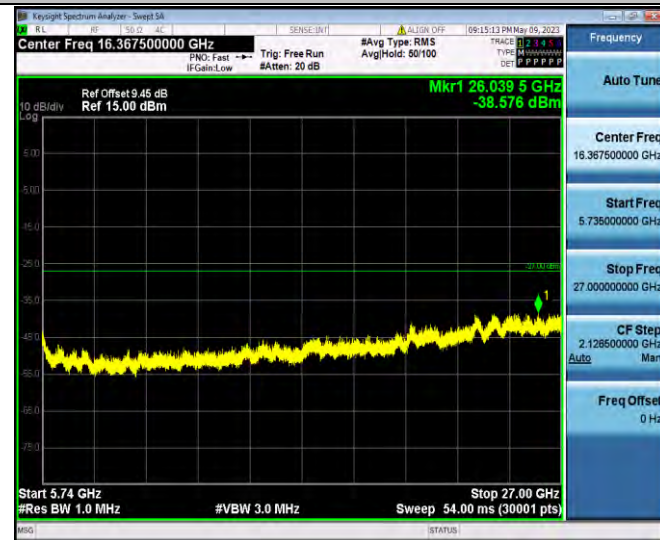
11AX80SISO_Ant2_5530_30~5460



11AX80SISO_Ant2_5530_5735~4000



11AX80SISO_Ant2_5610_30~5460



11AX80SISO_Ant2_5610_5735~4000