

Appendix F.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	13.45	93.33	0.30	13.75	≤23.98	PASS
		5600	12.92	93.29	0.30	13.22	≤23.98	PASS
		5700	12.70	93.33	0.30	13.00	≤23.98	PASS
11N20SISO	Ant1	5500	8.59	59.26	2.27	10.86	≤23.98	PASS
		5600	8.50	62.96	2.01	10.51	≤23.98	PASS
		5700	8.36	61.54	2.11	10.47	≤23.98	PASS
11N40SISO	Ant1	5510	7.20	50.00	3.01	10.21	≤23.98	PASS
		5590	7.60	50.00	3.01	10.61	≤23.98	PASS
		5670	7.64	50.00	3.01	10.65	≤23.98	PASS
11AC20SISO	Ant1	5500	7.44	58.33	2.34	9.78	≤23.98	PASS
		5600	6.95	60.00	2.22	9.17	≤23.98	PASS
		5700	6.72	60.00	2.22	8.94	≤23.98	PASS
11AC40SISO	Ant1	5510	6.56	47.37	3.24	9.80	≤23.98	PASS
		5590	6.03	42.11	3.76	9.79	≤23.98	PASS
		5670	6.87	47.37	3.24	10.11	≤23.98	PASS
11AC80SISO	Ant1	5530	6.34	37.50	4.26	10.60	≤23.98	PASS
		5610	6.05	37.50	4.26	10.31	≤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	Ant1	5500	8.41	≤11.00	PASS
		5600	7.90	≤11.00	PASS
		5700	7.65	≤11.00	PASS
11N20SISO	Ant1	5500	7.87	≤11.00	PASS
		5600	7.35	≤11.00	PASS
		5700	7.34	≤11.00	PASS
11N40SISO	Ant1	5510	3.23	≤11.00	PASS
		5590	3.84	≤11.00	PASS
		5670	3.07	≤11.00	PASS
11AC20SISO	Ant1	5500	7.62	≤11.00	PASS
		5600	5.94	≤11.00	PASS
		5700	6.68	≤11.00	PASS
11AC40SISO	Ant1	5510	1.45	≤11.00	PASS
		5590	1.56	≤11.00	PASS
		5670	1.08	≤11.00	PASS
11AC80SISO	Ant1	5530	0.31	≤11.00	PASS
		5610	-1.13	≤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_5500



11A_Ant1_5600



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



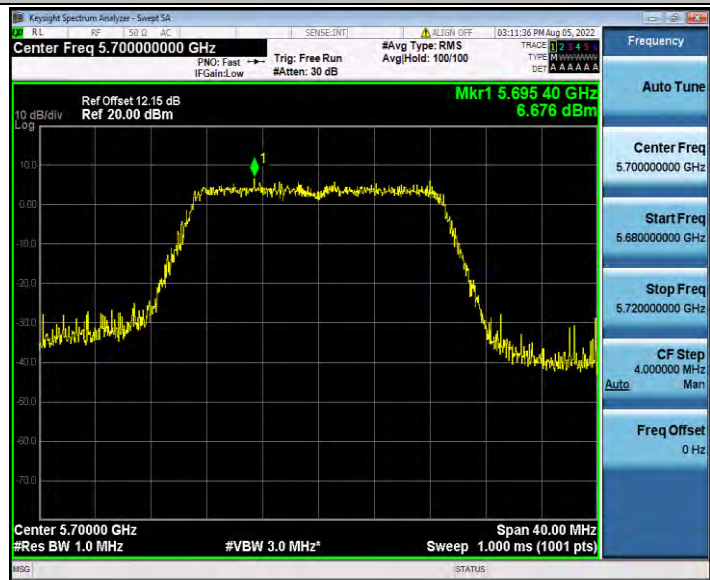
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11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



Appendix F.6: Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-30.12	≤-27	PASS
		High	5700	-27.12	≤-27	PASS
11N20SISO	Ant1	Low	5500	-36.12	≤-27	PASS
		High	5700	-33.7	≤-27	PASS
11N40SISO	Ant1	Low	5510	-34.77	≤-27	PASS
		High	5670	-36.91	≤-27	PASS
11AC20SISO	Ant1	Low	5500	-35.76	≤-27	PASS
		High	5700	-29.17	≤-27	PASS
11AC40SISO	Ant1	Low	5510	-36.37	≤-27	PASS
		High	5670	-36.79	≤-27	PASS
11AC80SISO	Ant1	Low	5530	-35.94	≤-27	PASS
		High	5610	-37.62	≤-27	PASS

Test Graphs B3

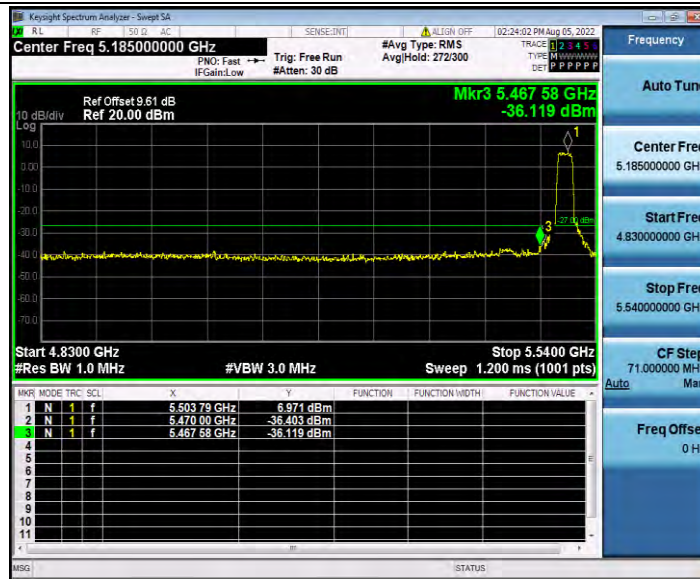
11A_Ant1_Low_5500



11A_Ant1_High_5700



11N20SISO_Ant1_Low_5500



11N20SISO_Ant1_High_5700



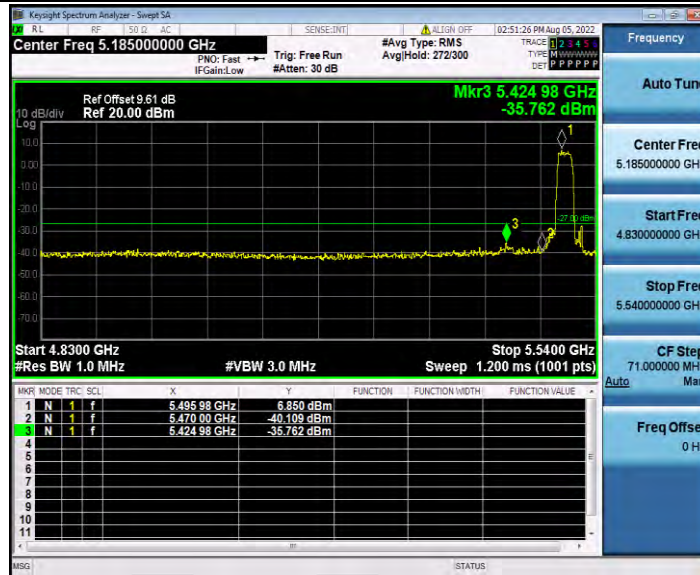
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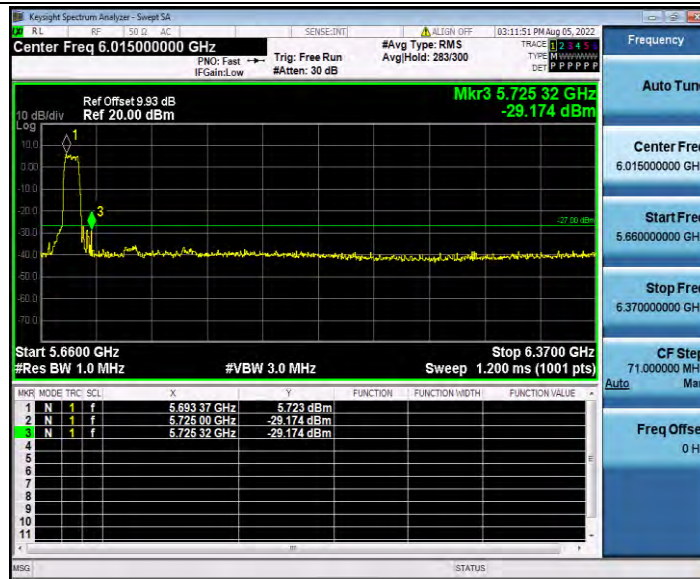
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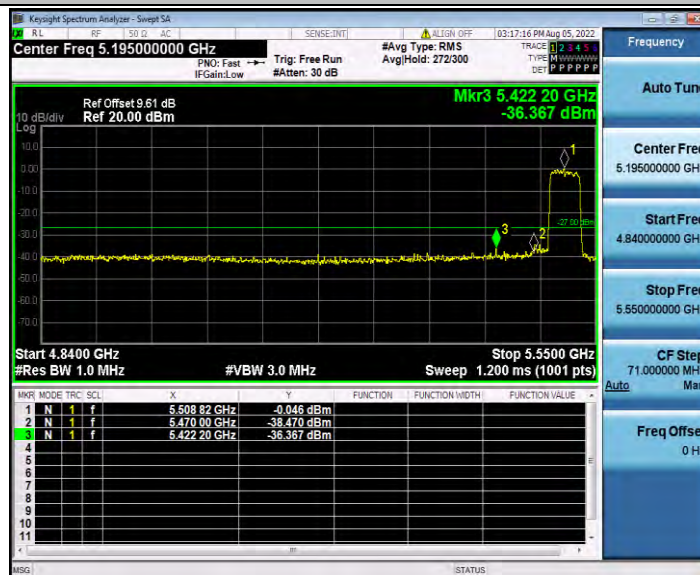
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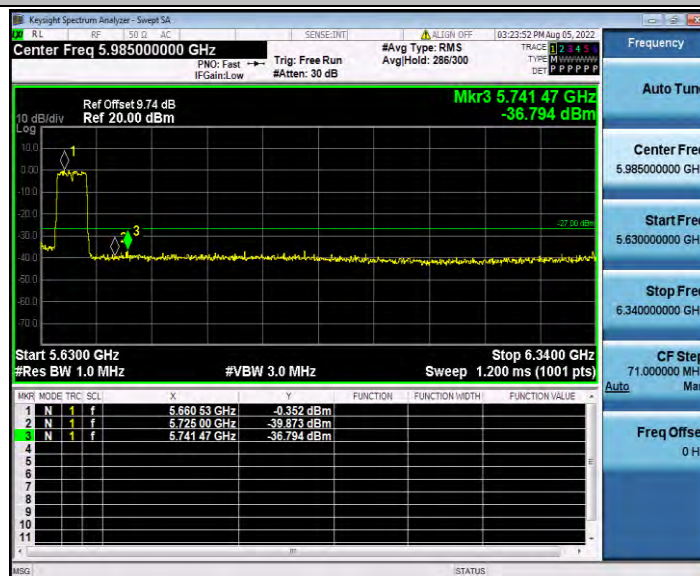
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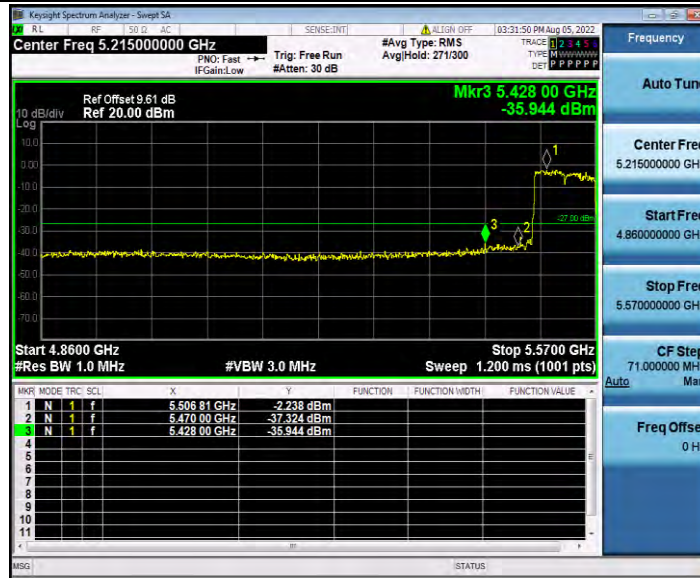
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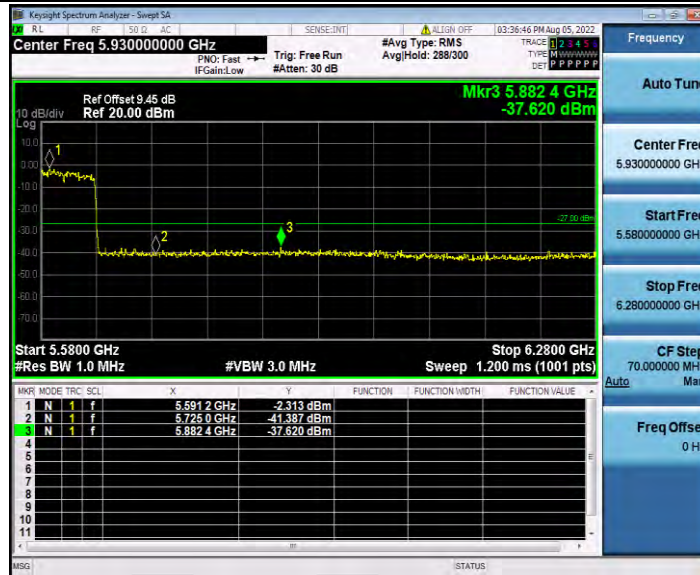
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11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



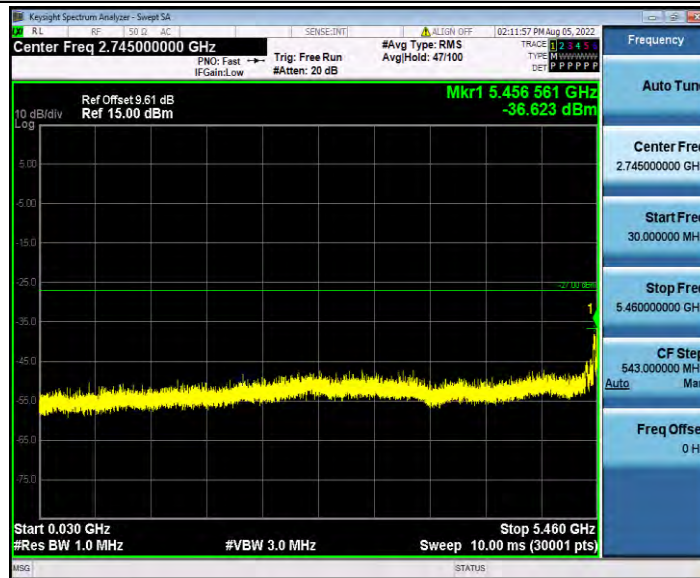
Appendix F.7: Conducted Spurious Emission

Test Result

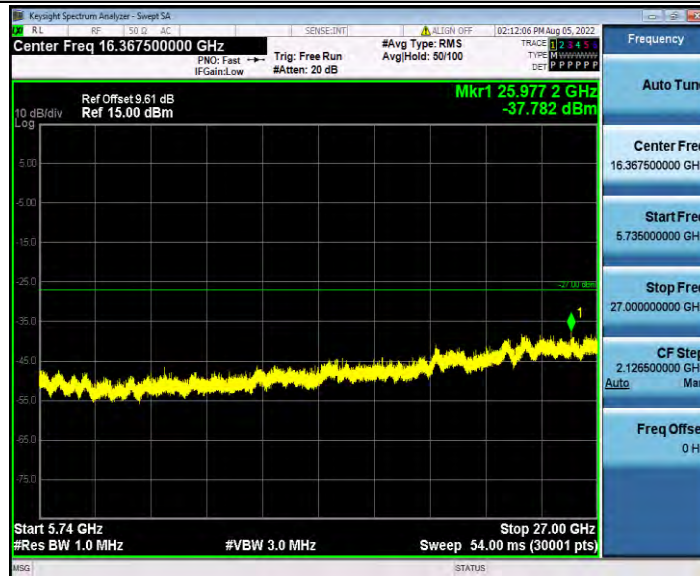
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5456.56	-36.62	≤-27	PASS
			5735~40000	25977.15	-37.78	≤-27	PASS
		5600	30~5460	5444.98	-43.9	≤-27	PASS
			5735~40000	24288	-37.2	≤-27	PASS
		5700	30~5460	5454.21	-44.89	≤-27	PASS
			5735~40000	5777.53	-34.86	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5418.73	-40.37	≤-27	PASS
			5735~40000	24211.45	-37.72	≤-27	PASS
		5600	30~5460	5449.86	-44.58	≤-27	PASS
			5735~40000	26046.62	-37.63	≤-27	PASS
		5700	30~5460	5412.94	-45.97	≤-27	PASS
			5735~40000	5777.53	-37.62	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5454.39	-41.38	≤-27	PASS
			5735~40000	24846.56	-38.06	≤-27	PASS
		5590	30~5460	5433.57	-47.06	≤-27	PASS
			5735~40000	26021.81	-37.37	≤-27	PASS
		5670	30~5460	5289.5	-46.54	≤-27	PASS
			5735~40000	24340.46	-38.01	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5422.17	-41.43	≤-27	PASS
			5735~40000	24867.12	-37.47	≤-27	PASS
		5600	30~5460	5452.58	-46.08	≤-27	PASS
			5735~40000	24740.95	-38.13	≤-27	PASS
		5700	30~5460	5431.4	-46.47	≤-27	PASS
			5735~40000	26980.15	-37.77	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5430.14	-44.7	≤-27	PASS
			5735~40000	26678.19	-37.62	≤-27	PASS
		5590	30~5460	5455.29	-46.88	≤-27	PASS
			5735~40000	24212.87	-37.38	≤-27	PASS
		5670	30~5460	5426.15	-46.24	≤-27	PASS
			5735~40000	25614.23	-38.14	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5446.24	-38.69	≤-27	PASS
			5735~40000	24189.48	-38.25	≤-27	PASS
		5610	30~5460	5452.76	-47.18	≤-27	PASS
			5735~40000	26673.23	-37.64	≤-27	PASS

Test Graphs

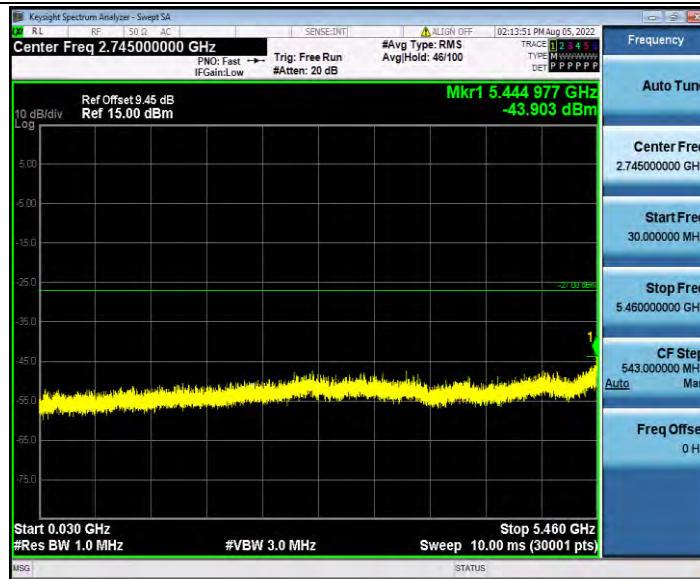
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11A_Ant1_5500_5735~40000



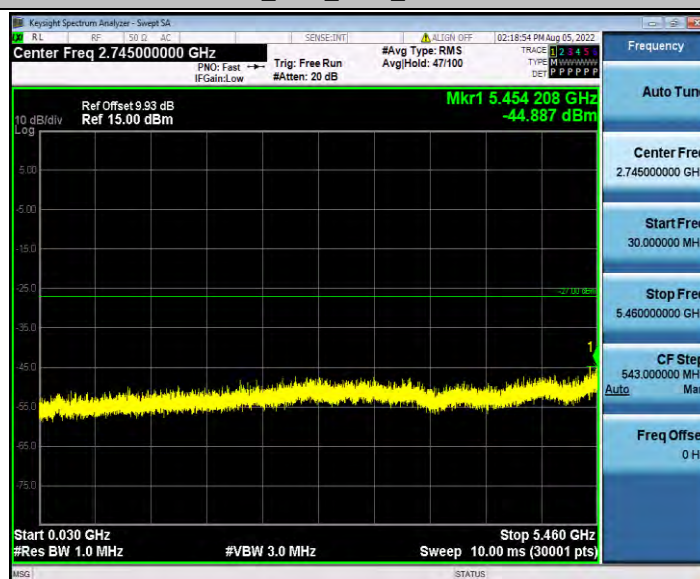
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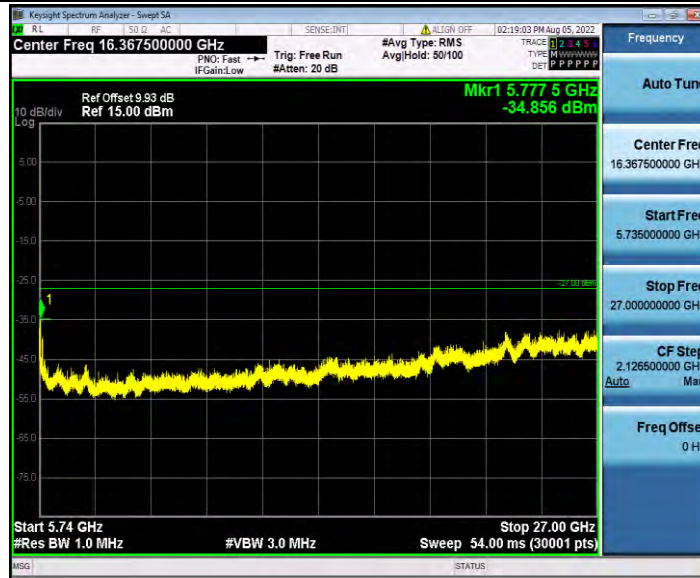
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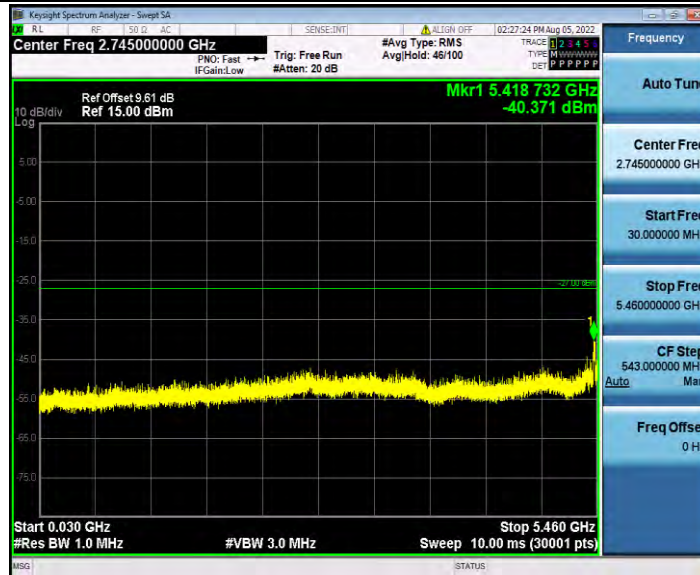
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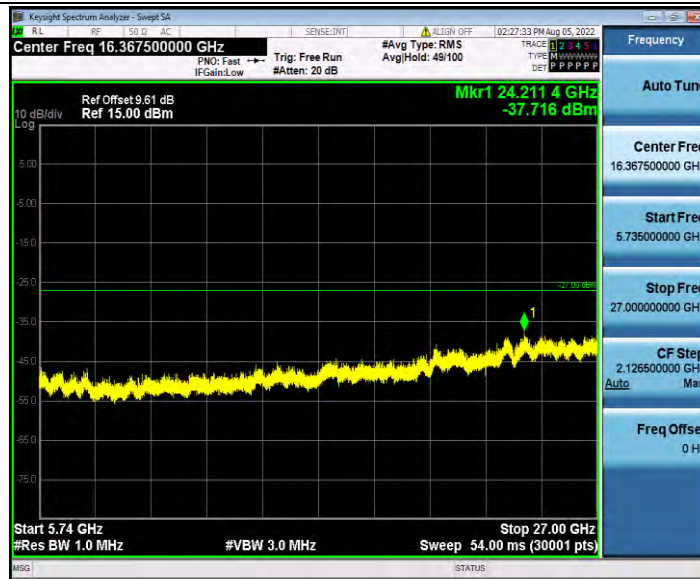
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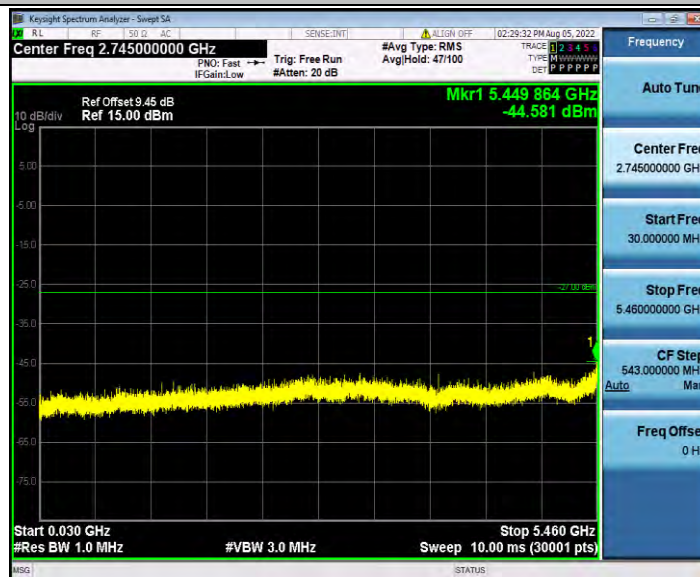
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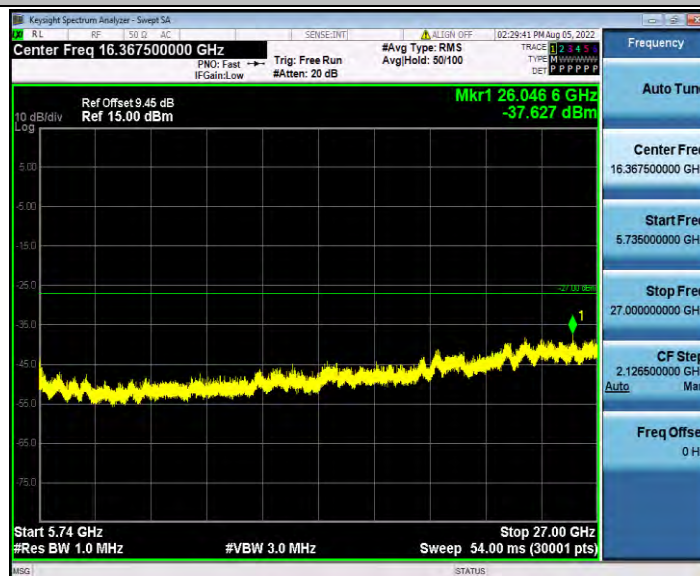
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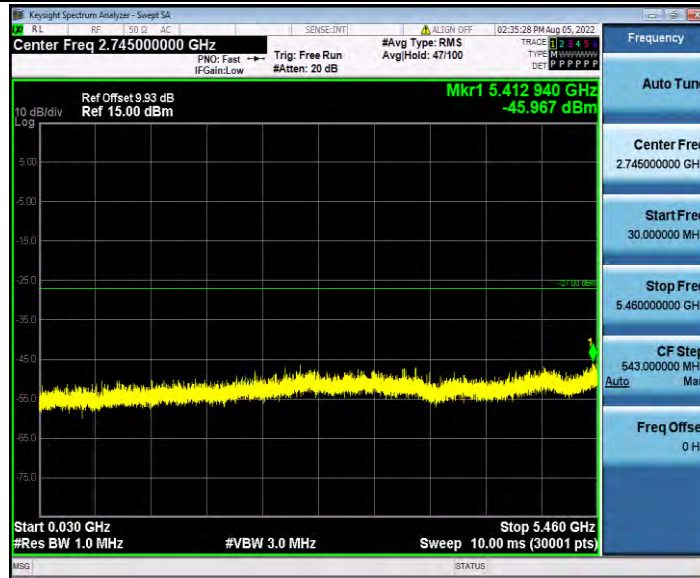
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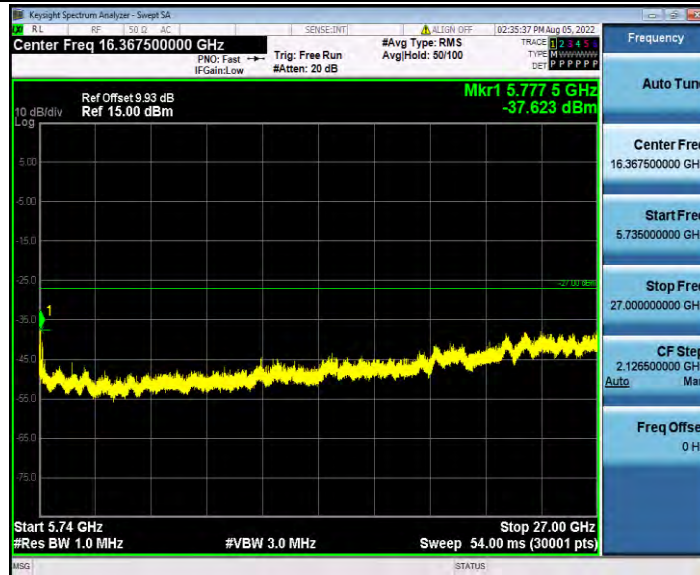
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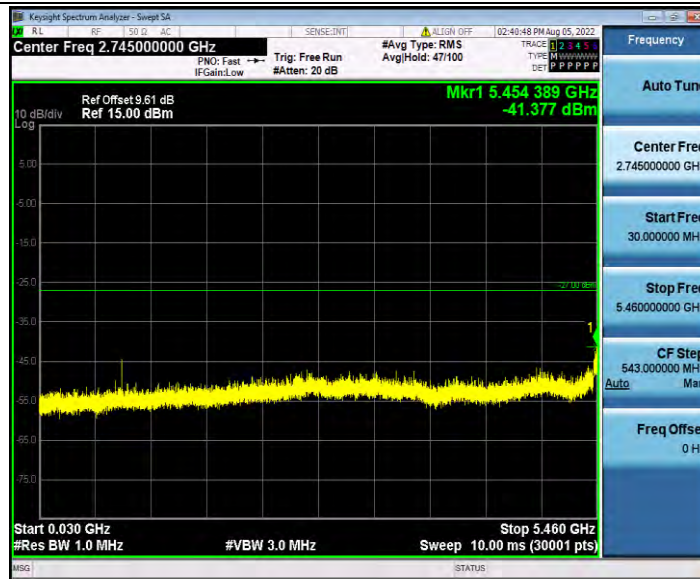
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11N20SISO_Ant1_5700_5735~40000



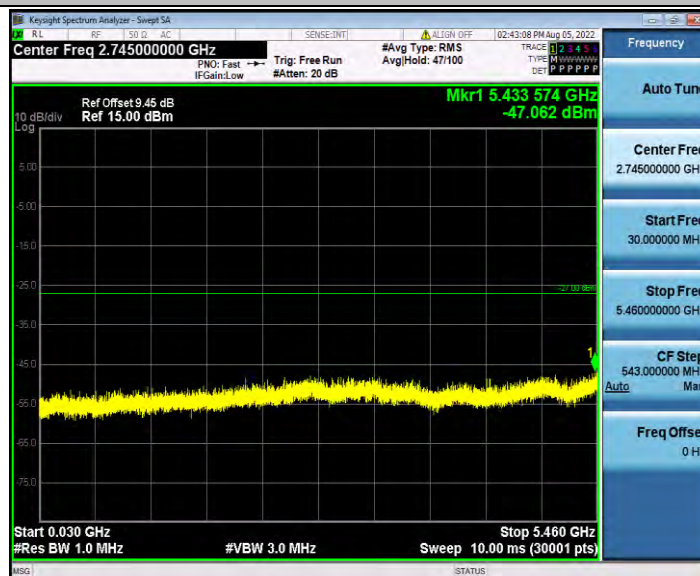
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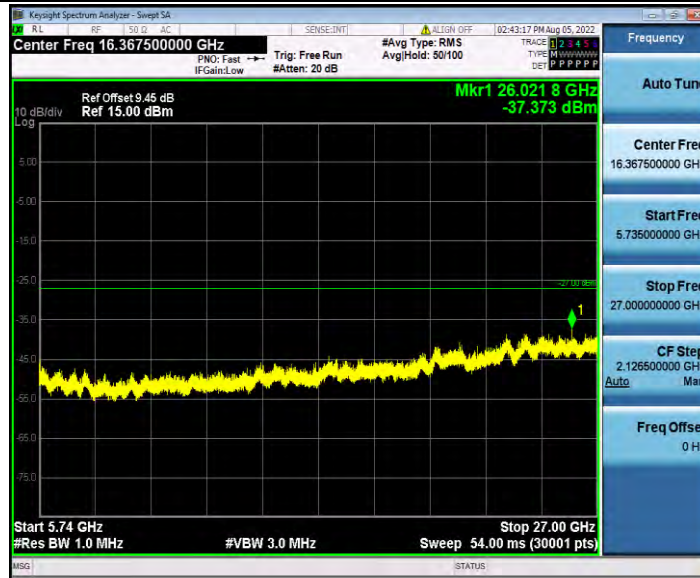
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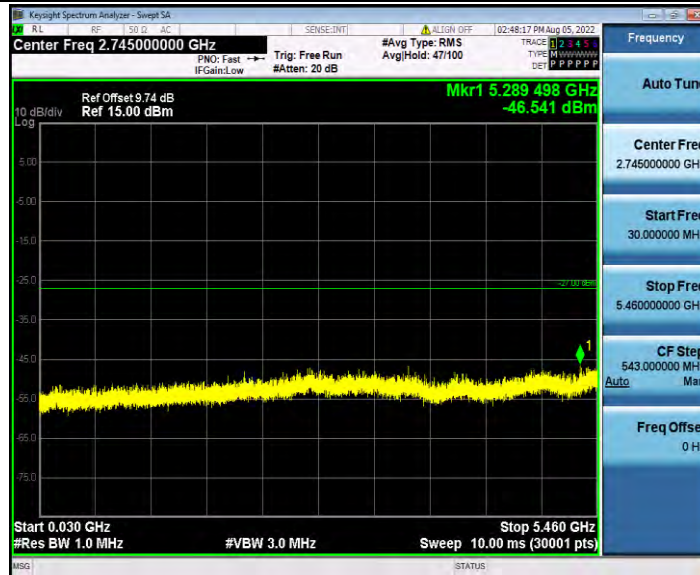
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11N40SISO_Ant1_5590_5735~40000



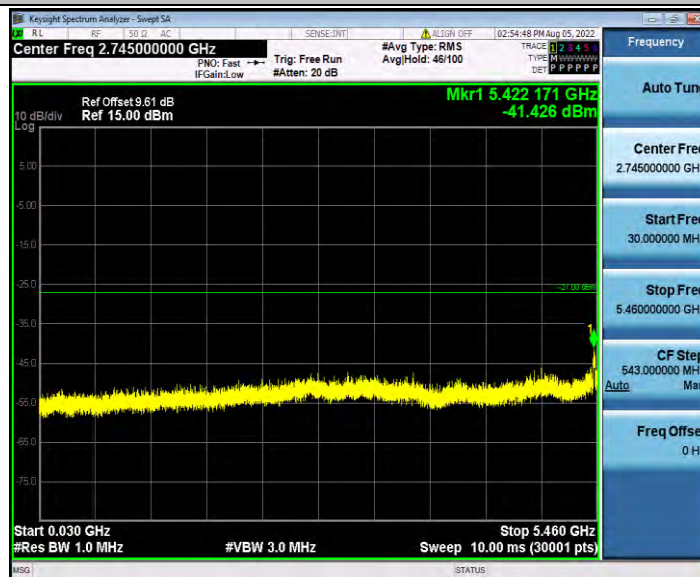
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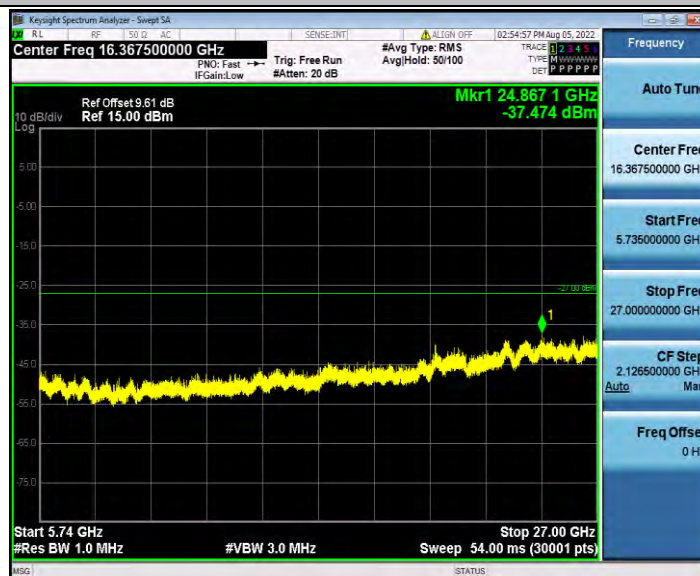
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11AC20SISO_Ant1_5500_30~5460



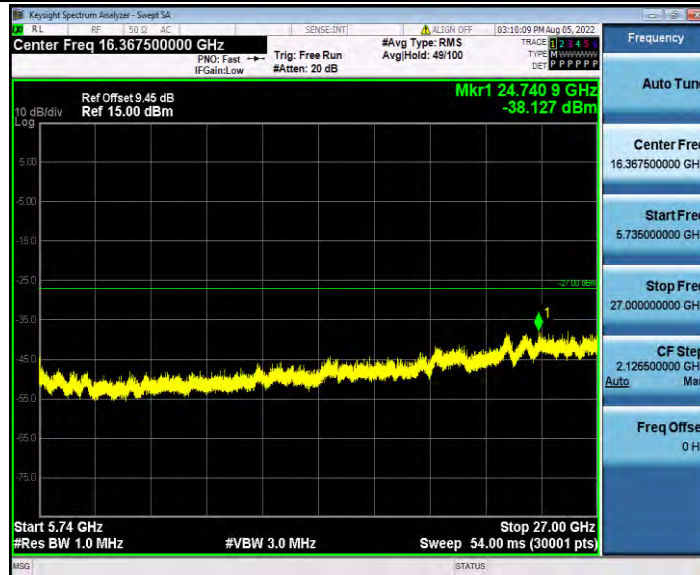
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11AC20SISO_Ant1_5600_30~5460



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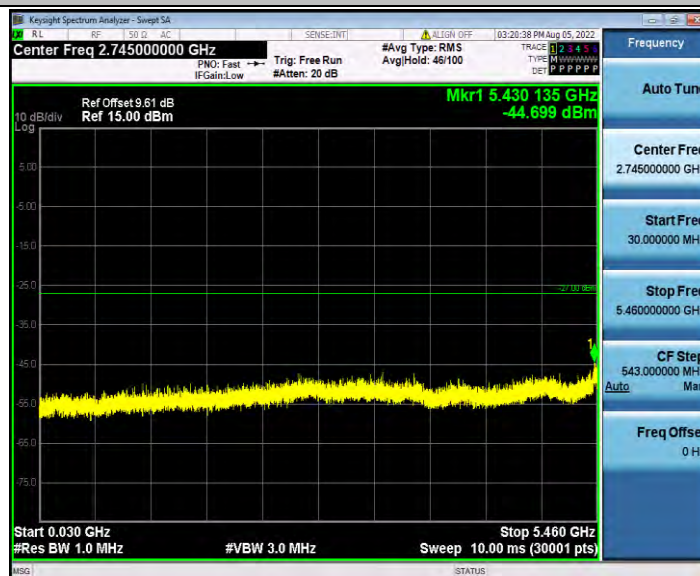
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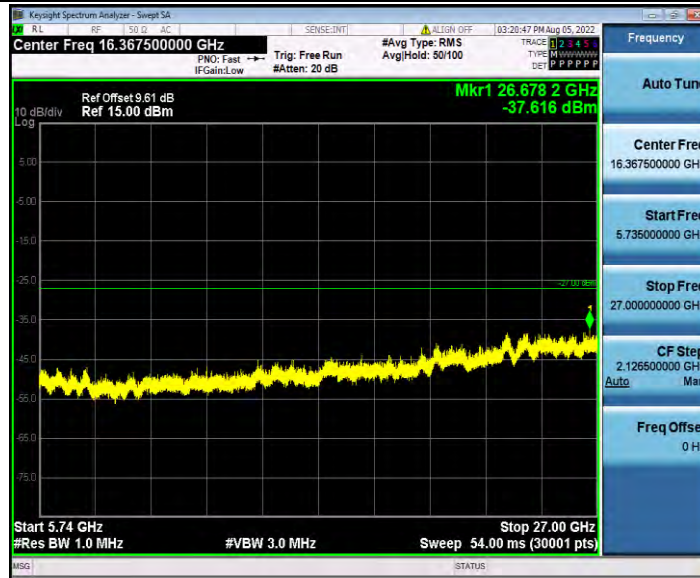
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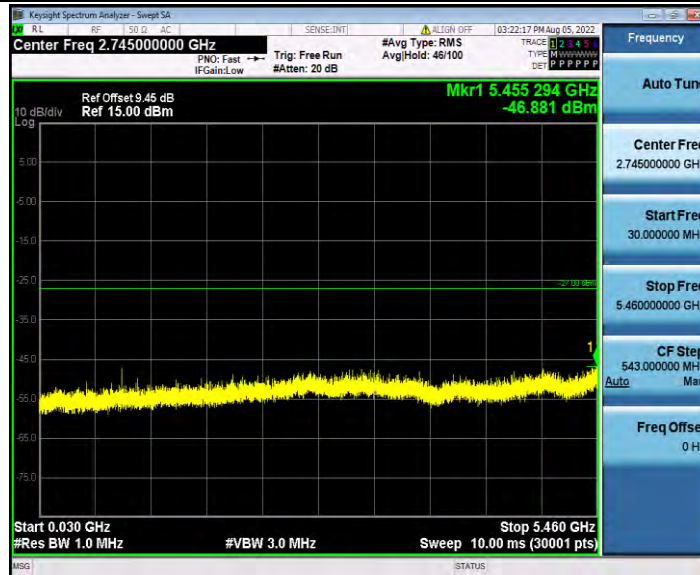
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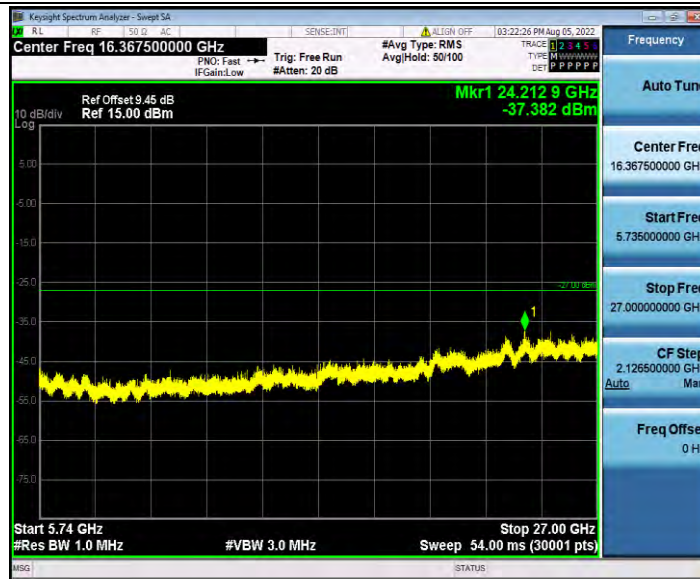
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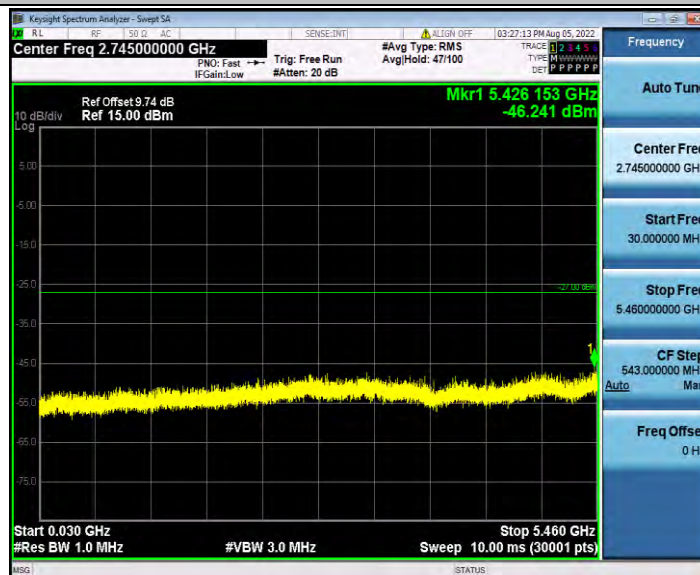
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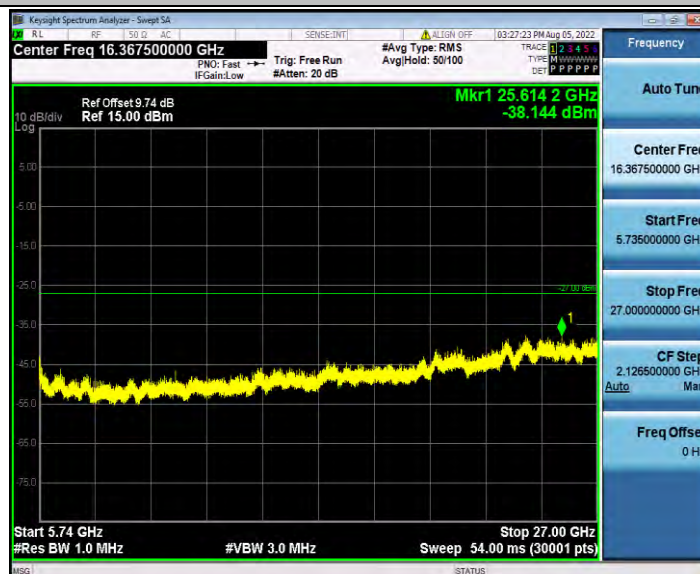
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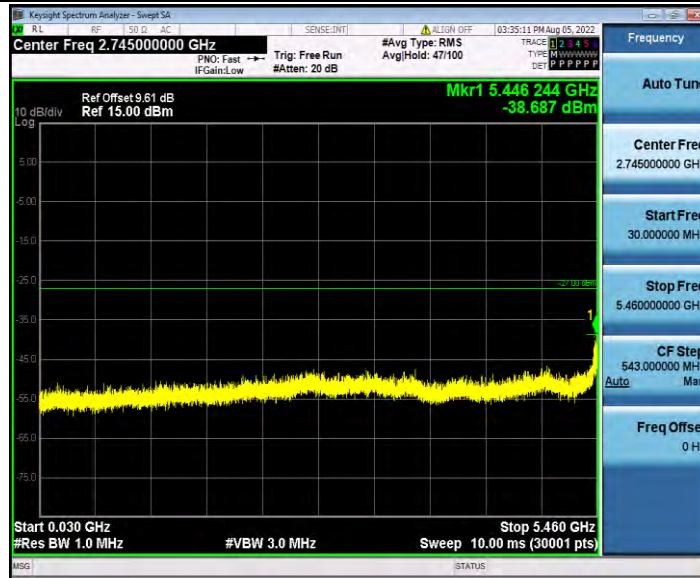
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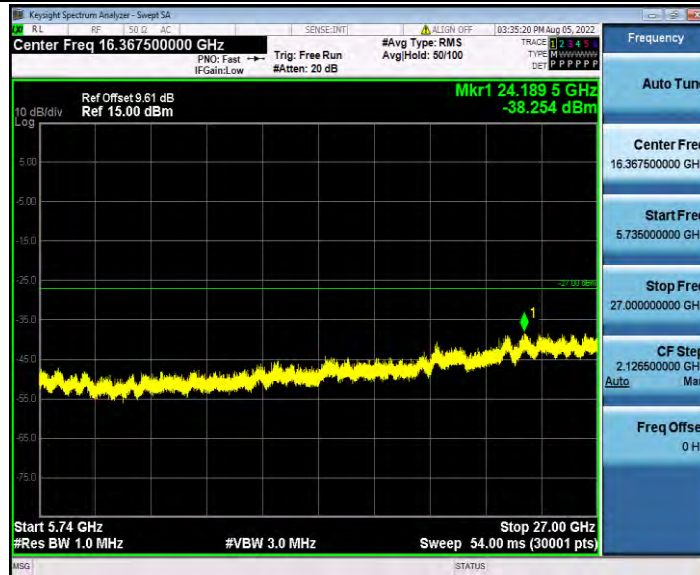
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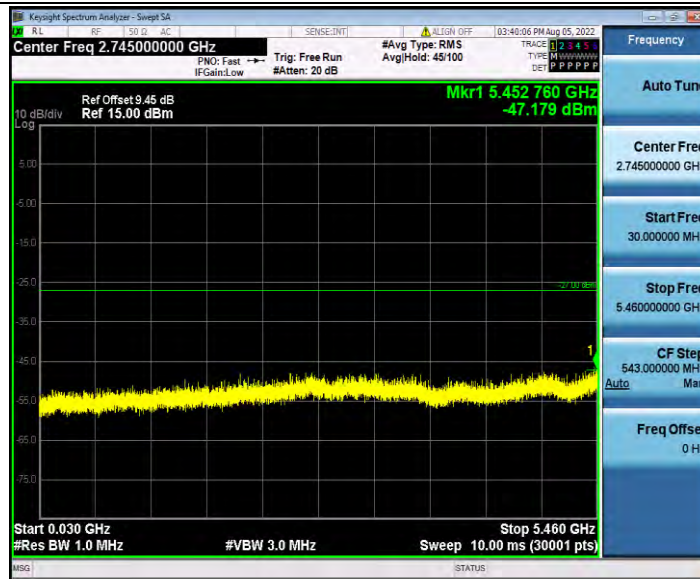
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11AC80SISO_Ant1_5530_5735~40000



11AC80SISO_Ant1_5610_30~5460



11AC80SISO_Ant1_5610_5735~40000

