

Appendix D.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	Ant2	5180	11.53	96.31	0.16	11.69	≤23.98	PASS
		5200	11.68	95.85	0.18	11.86	≤23.98	PASS
		5240	11.06	95.87	0.18	11.24	≤23.98	PASS
11N20SISO	Ant2	5180	11.34	98.88	0.05	11.39	≤23.98	PASS
		5200	11.78	98.88	0.05	11.83	≤23.98	PASS
		5240	11.04	98.88	0.05	11.09	≤23.98	PASS
11N40SISO	Ant2	5190	12.41	98.88	0.05	12.46	≤23.98	PASS
		5230	10.56	98.88	0.05	10.61	≤23.98	PASS
11AC20SISO	Ant2	5180	11.28	99.00	0.04	11.32	≤23.98	PASS
		5200	11.84	99.00	0.04	11.88	≤23.98	PASS
		5240	11.11	99.00	0.04	11.15	≤23.98	PASS
11AC40SISO	Ant2	5190	12.57	98.88	0.05	12.62	≤23.98	PASS
		5230	10.73	99.00	0.04	10.77	≤23.98	PASS
11AC80SISO	Ant2	5210	11.53	99.00	0.04	11.57	≤23.98	PASS
11AX20SISO	Ant2	5180	10.90	99.01	0.04	10.94	≤23.98	PASS
		5200	11.27	98.88	0.05	11.32	≤23.98	PASS
		5240	11.22	98.88	0.05	11.27	≤23.98	PASS
11AX40SISO	Ant2	5190	11.20	98.88	0.05	11.25	≤23.98	PASS
		5230	10.50	98.88	0.05	10.55	≤23.98	PASS
11AX80SISO	Ant2	5210	11.31	98.88	0.05	11.36	≤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	2.28	≤11.00	PASS
		5200	2.60	≤11.00	PASS
		5240	2.24	≤11.00	PASS
11N20SISO	Ant2	5180	1.80	≤11.00	PASS
		5200	1.67	≤11.00	PASS
		5240	2.04	≤11.00	PASS
11N40SISO	Ant2	5190	4.30	≤11.00	PASS
		5230	2.22	≤11.00	PASS
11AC20SISO	Ant2	5180	1.52	≤11.00	PASS
		5200	2.60	≤11.00	PASS
		5240	2.13	≤11.00	PASS
11AC40SISO	Ant2	5190	4.41	≤11.00	PASS
		5230	2.63	≤11.00	PASS
11AC80SISO	Ant2	5210	0.78	≤11.00	PASS
11AX20SISO	Ant2	5180	5.52	≤11.00	PASS
		5200	5.73	≤11.00	PASS
		5240	5.85	≤11.00	PASS
11AX40SISO	Ant2	5190	4.72	≤11.00	PASS
		5230	3.95	≤11.00	PASS
11AX80SISO	Ant2	5210	2.76	≤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



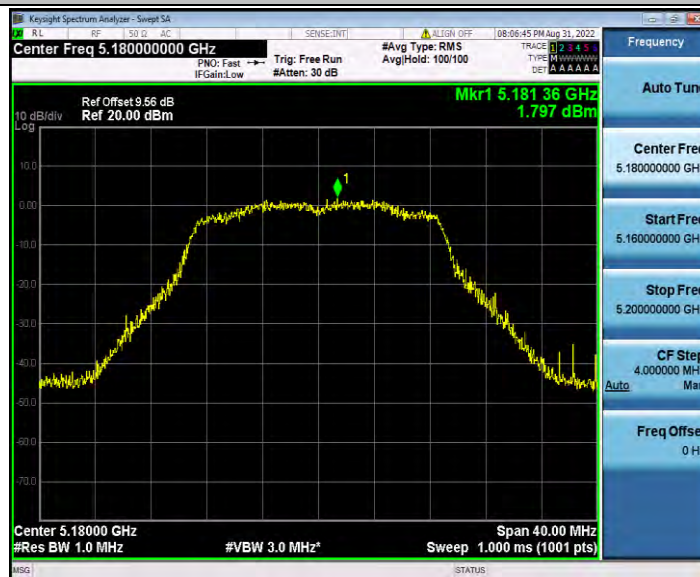
11A_Ant2_5200



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



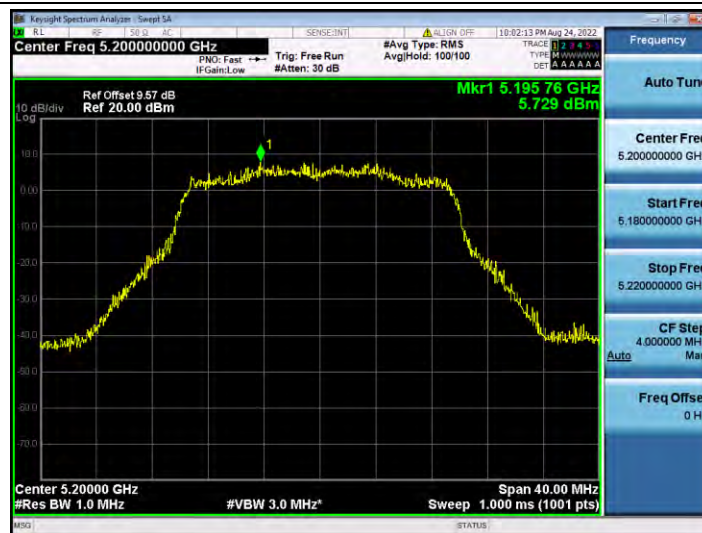
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11AX20SISO_Ant2_5180



11AX20SISO_Ant2_5200



11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40SISO_Ant2_5230



11AX80ISO_Ant2_5210



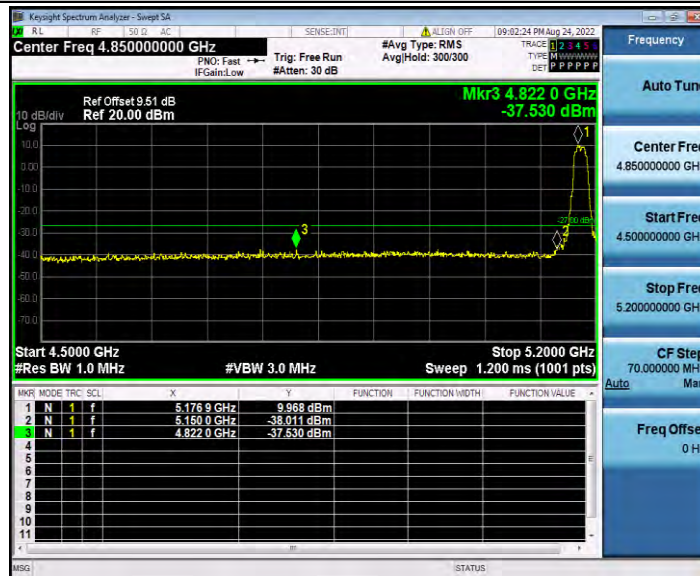
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-37.53	≤ -27	PASS
		High	5240	-37.56	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-37.78	≤ -27	PASS
		High	5240	-38.05	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-32.3	≤ -27	PASS
		High	5230	-38.47	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-37.04	≤ -27	PASS
		High	5240	-37.13	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-32.96	≤ -27	PASS
		High	5230	-37.99	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-35.53	≤ -27	PASS
		High	5210	-37.15	≤ -27	PASS
11AX20SISO	Ant2	Low	5180	-37.39	≤ -27	PASS
		High	5240	-37.9	≤ -27	PASS
11AX40SISO	Ant2	Low	5190	-35.07	≤ -27	PASS
		High	5230	-38.28	≤ -27	PASS
11AX80SISO	Ant2	Low	5210	-35.18	≤ -27	PASS
		High	5210	-37.8	≤ -27	PASS

Test Graphs B1

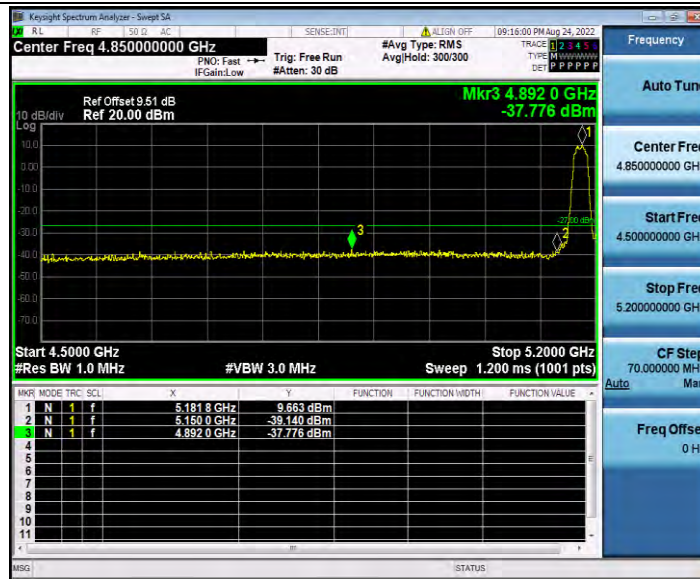
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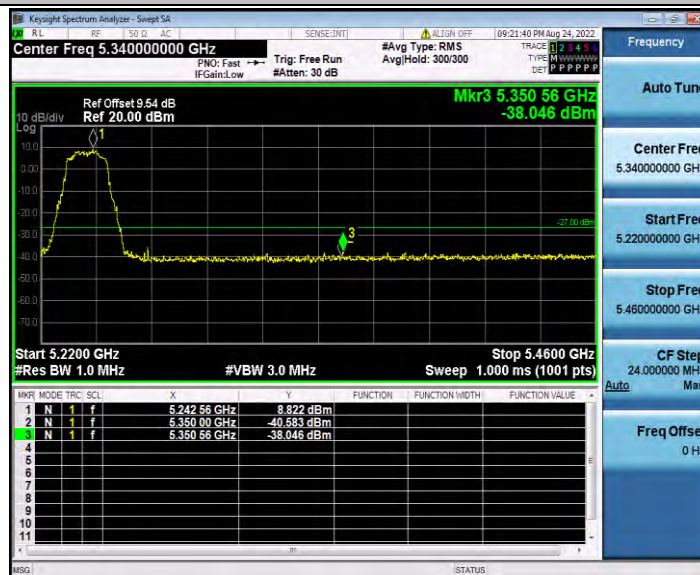
11A_Ant2_High_5240



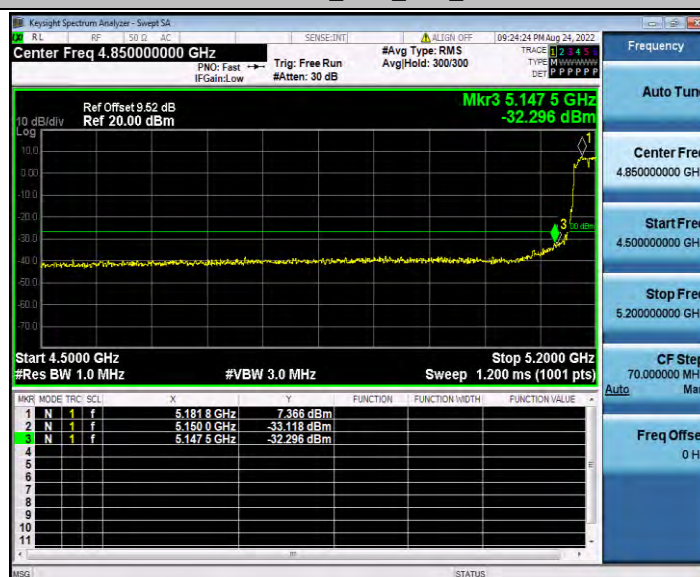
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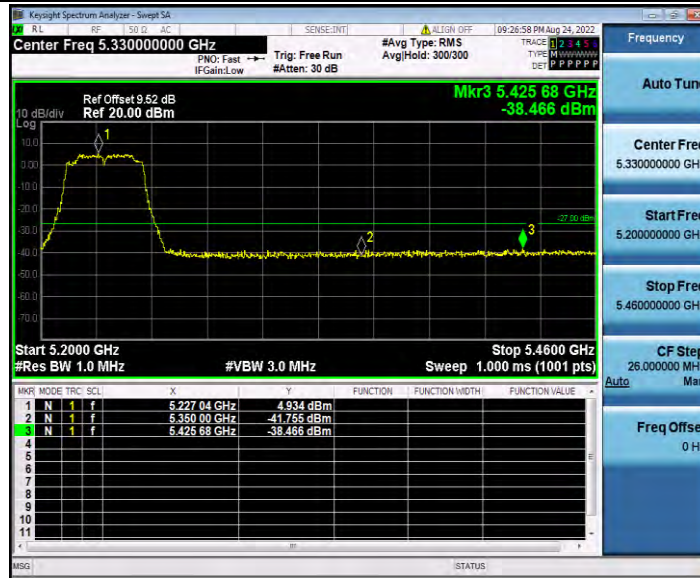
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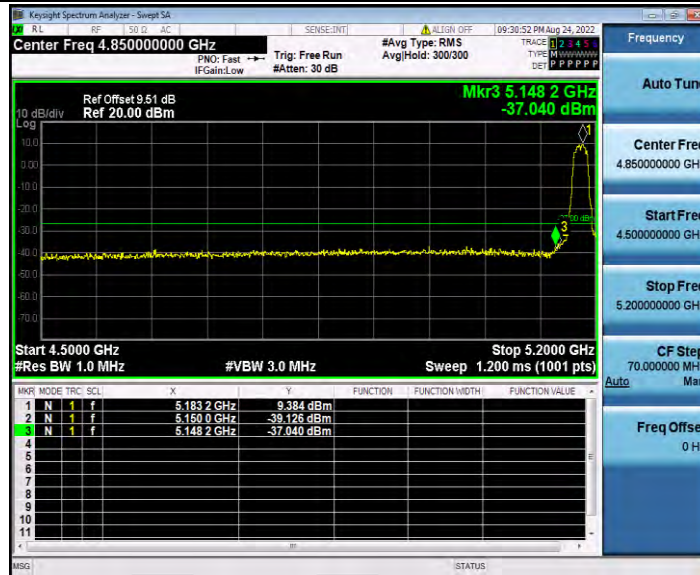
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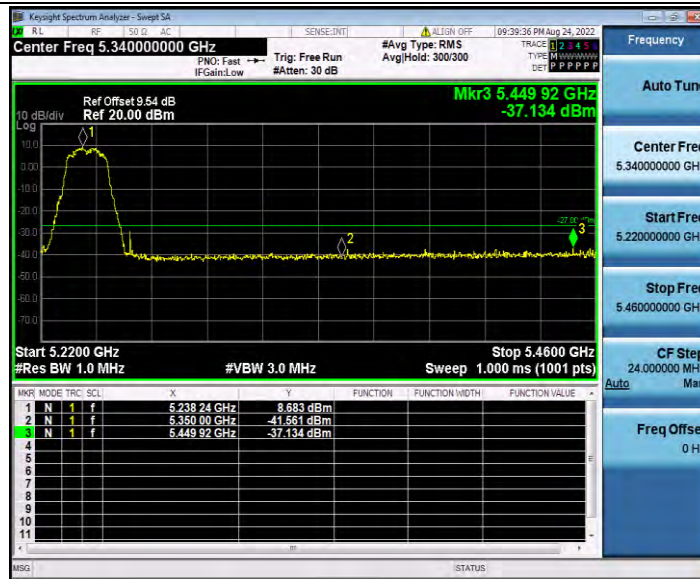
11N40SISO_Ant2_High_5230



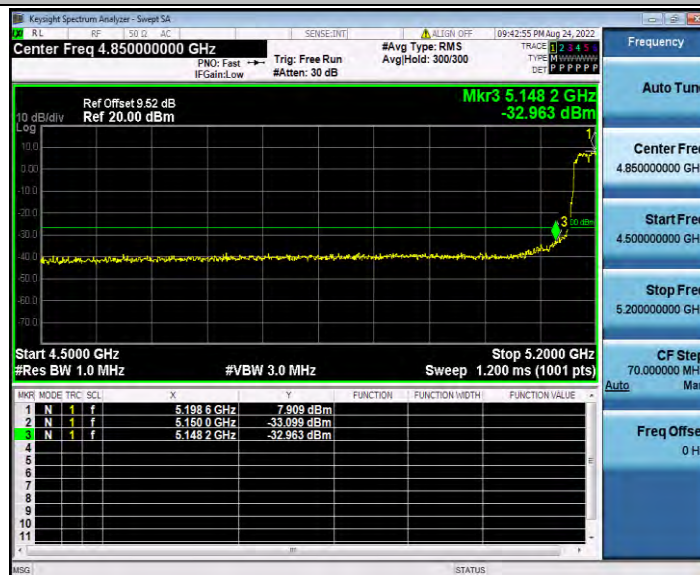
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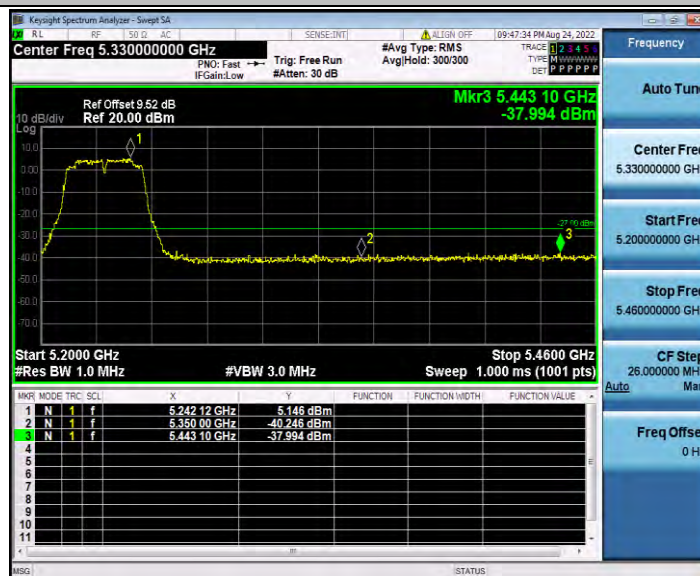
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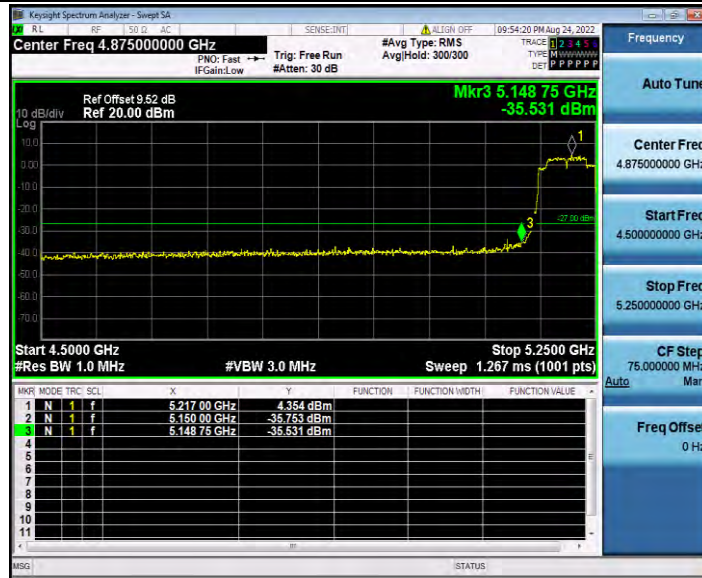
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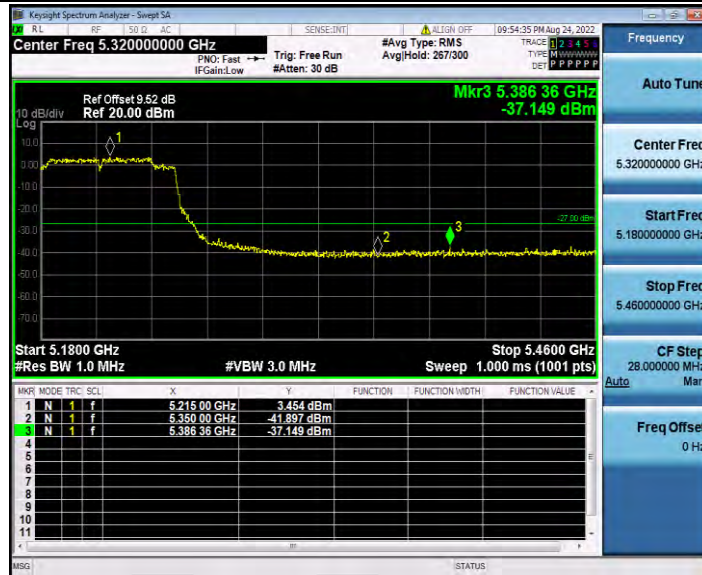
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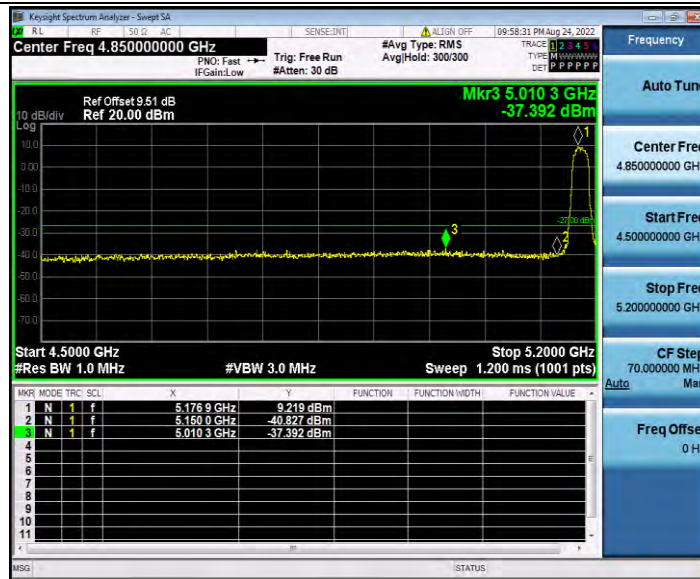
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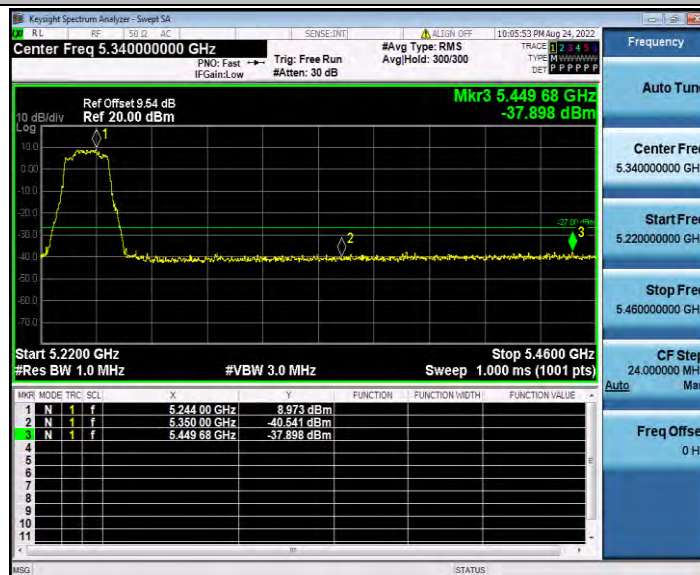
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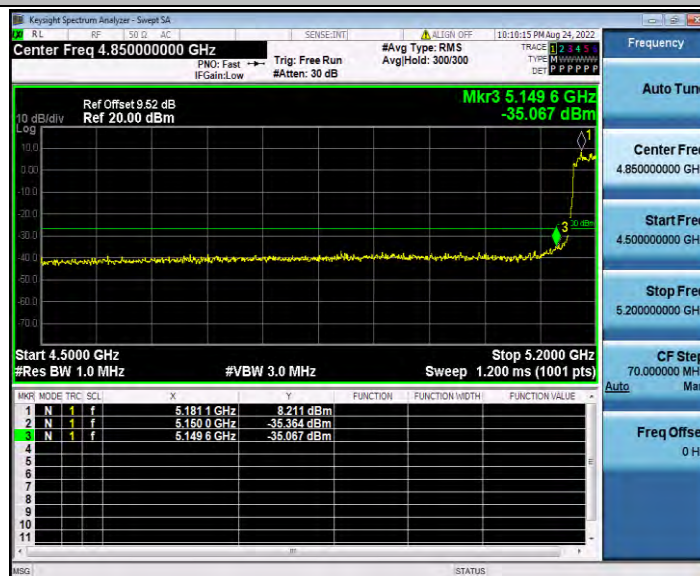
11AX20SISO_Ant2_Low_5180



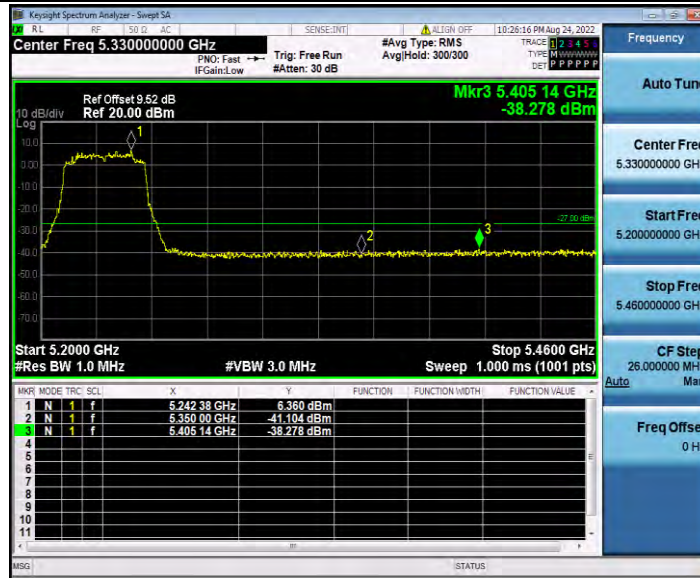
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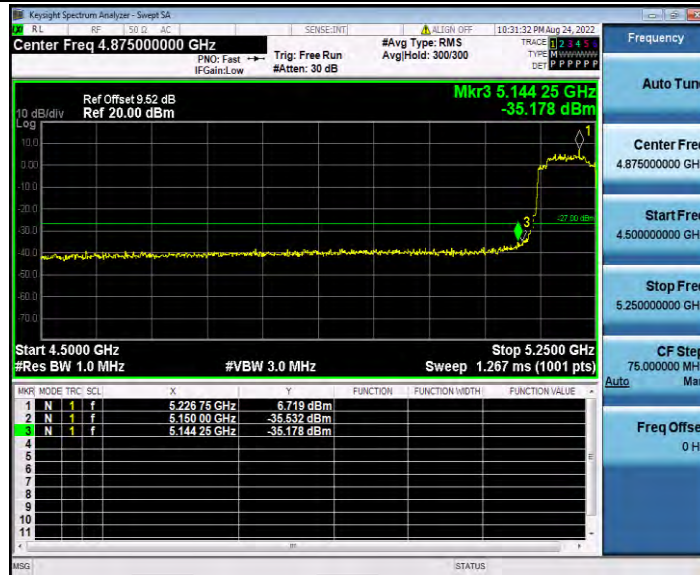
11AX40SISO_Ant2_Low_5190



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	4907.15	-46.56	≤-27	PASS
			5360~40000	26067.32	-37.78	≤-27	PASS
		5200	30~5140	4973.93	-47.04	≤-27	PASS
			5360~40000	26690.55	-37.73	≤-27	PASS
		5240	30~5140	3011.17	-46.89	≤-27	PASS
			5360~40000	24205.55	-37.9	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	2716.67	-47.26	≤-27	PASS
			5360~40000	24278.41	-37.59	≤-27	PASS
		5200	30~5140	5073.57	-46.99	≤-27	PASS
			5360~40000	24296.44	-37.48	≤-27	PASS
		5240	30~5140	4952.97	-46.9	≤-27	PASS
			5360~40000	24261.1	-38.07	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5134.21	-38.49	≤-27	PASS
			5360~40000	24227.92	-37.63	≤-27	PASS
		5230	30~5140	2662.67	-46.94	≤-27	PASS
			5360~40000	24142.8	-37.79	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	4824.03	-46.7	≤-27	PASS
			5360~40000	26481.36	-38.17	≤-27	PASS
		5200	30~5140	5025.54	-47.35	≤-27	PASS
			5360~40000	24975.94	-37.96	≤-27	PASS
		5240	30~5140	4987.21	-47.14	≤-27	PASS
			5360~40000	24170.93	-38.03	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5138.47	-37.64	≤-27	PASS
			5360~40000	23567.9	-38.29	≤-27	PASS
		5230	30~5140	4876.84	-47.68	≤-27	PASS
			5360~40000	26589.56	-37.8	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5137.62	-39.22	≤-27	PASS
			5360~40000	24200.51	-37.47	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	2647.34	-46.74	≤-27	PASS
			5360~40000	23567.17	-38.03	≤-27	PASS
		5200	30~5140	5074.93	-46.93	≤-27	PASS
			5360~40000	26056.5	-38.1	≤-27	PASS
		5240	30~5140	5000.84	-47.2	≤-27	PASS
			5360~40000	24293.56	-37.56	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	5137.45	-39.25	≤-27	PASS
			5360~40000	26497.95	-37.4	≤-27	PASS

		5230	30~5140	5061.31	-47.23	≤-27	PASS
			5360~40000	24292.11	-37.93	≤-27	PASS
11AX80SISO	Ant2	5210	30~5140	5137.62	-39.68	≤-27	PASS
			5360~40000	24223.59	-38.32	≤-27	PASS

Test Graphs

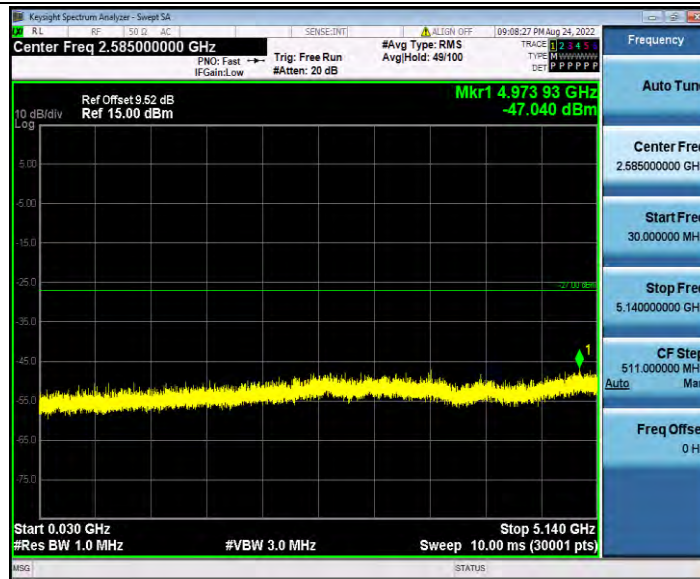
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11A_Ant2_5180_5360~40000



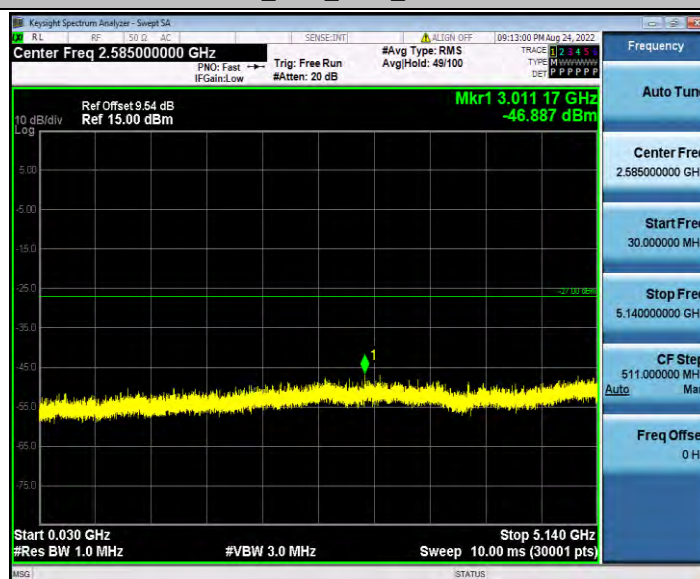
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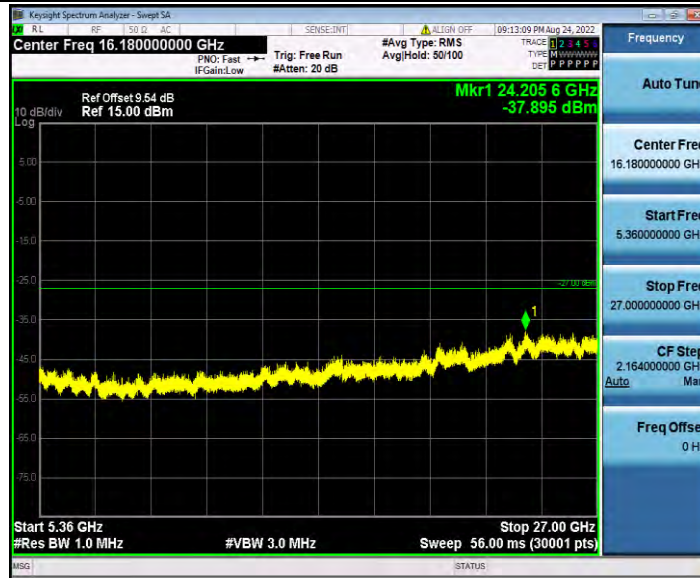
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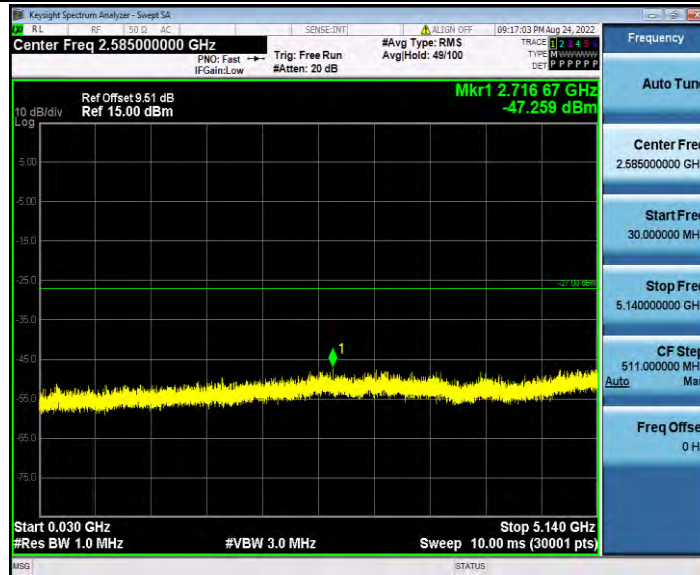
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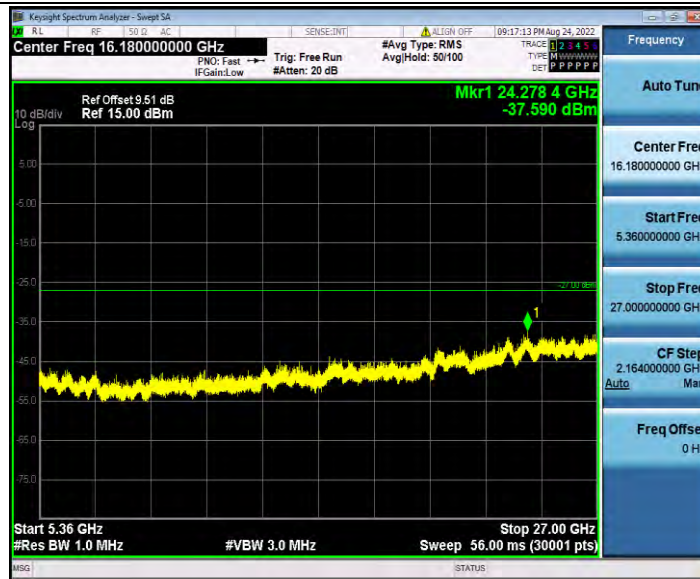
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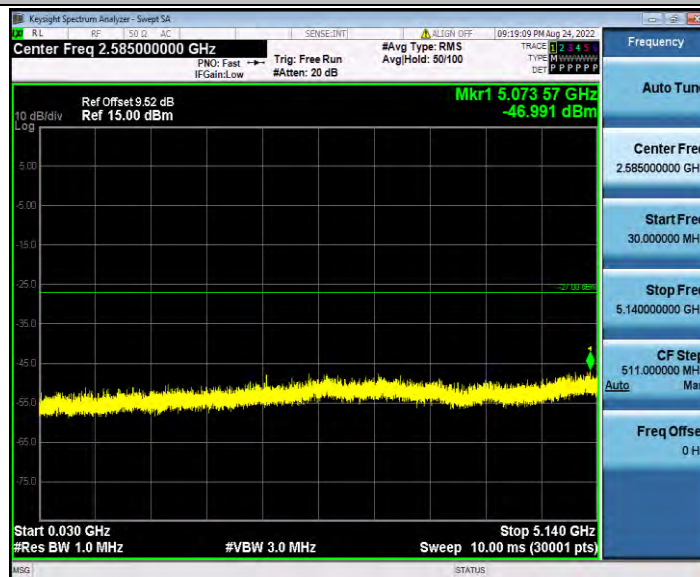
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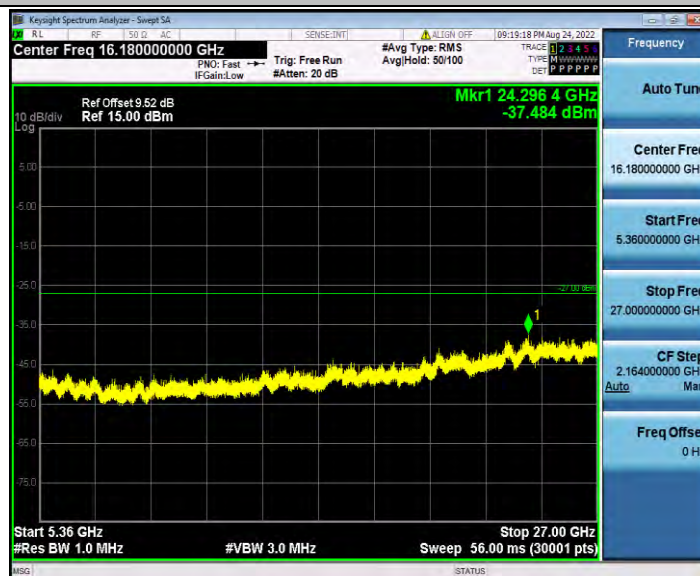
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11N20SISO_Ant2_5200_30~5140



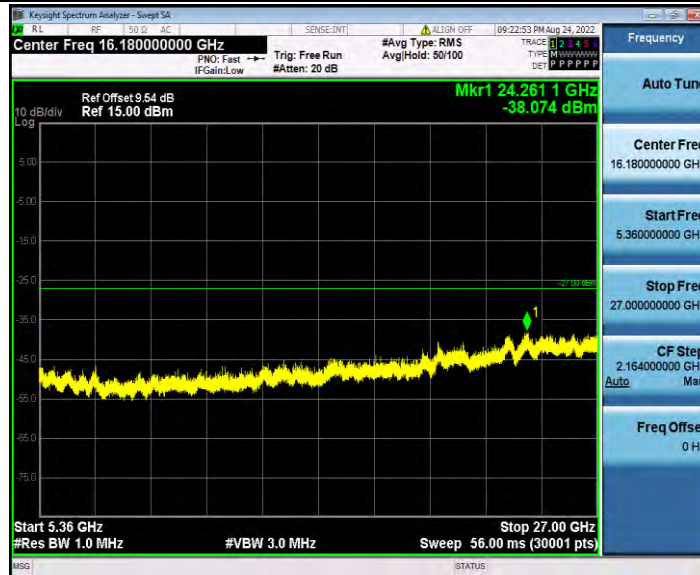
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11N20SISO_Ant2_5240_30~5140



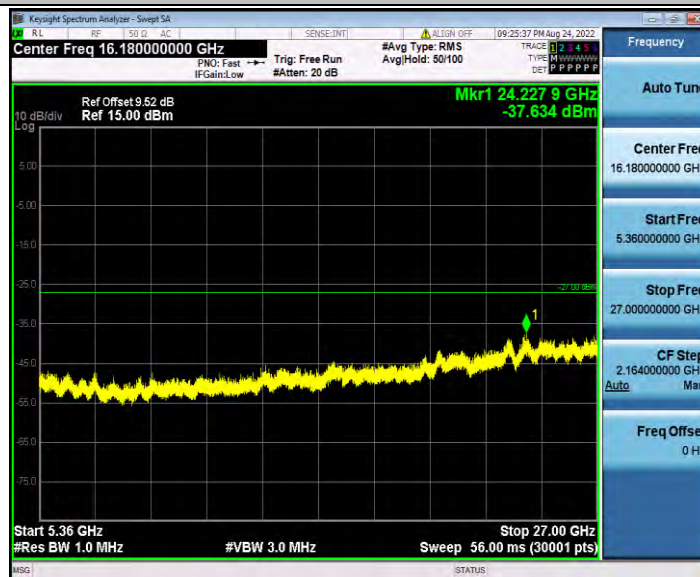
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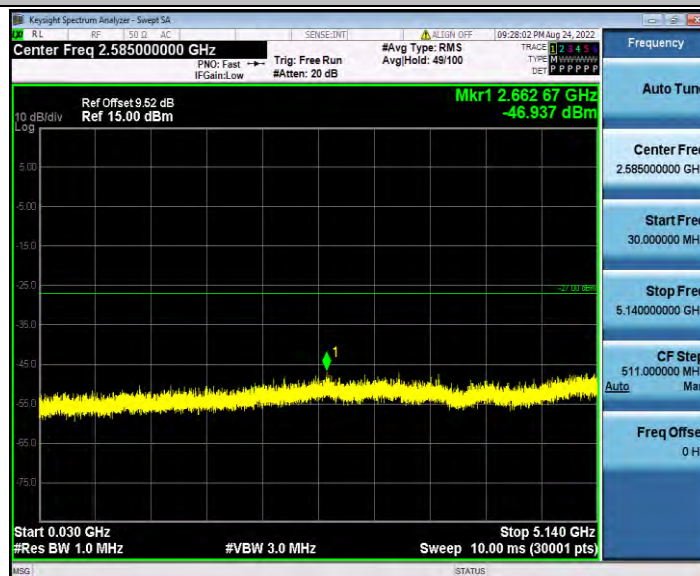
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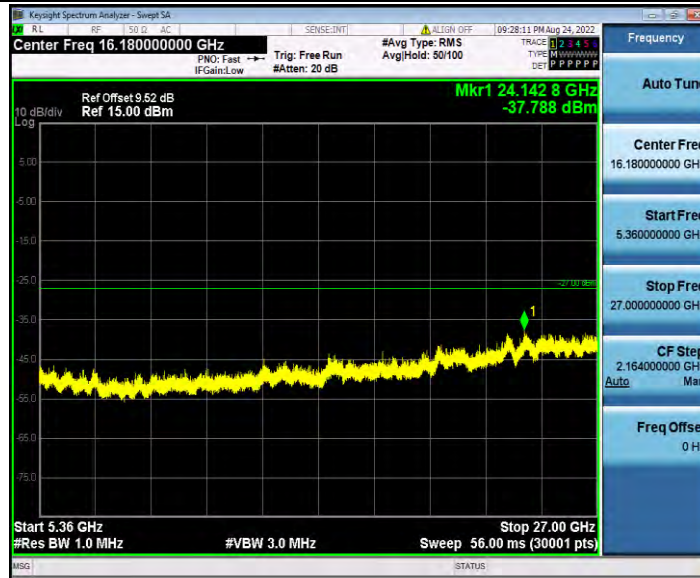
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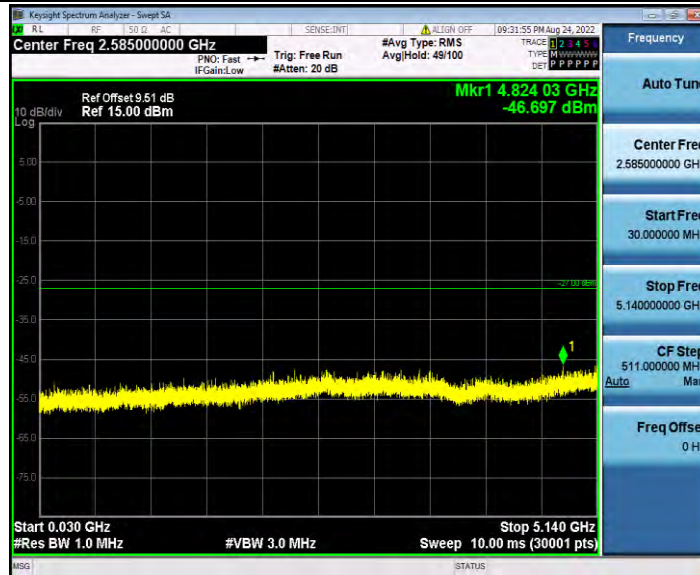
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11N40SISO_Ant2_5230_5360~40000



11AC20SISO_Ant2_5180_30~5140



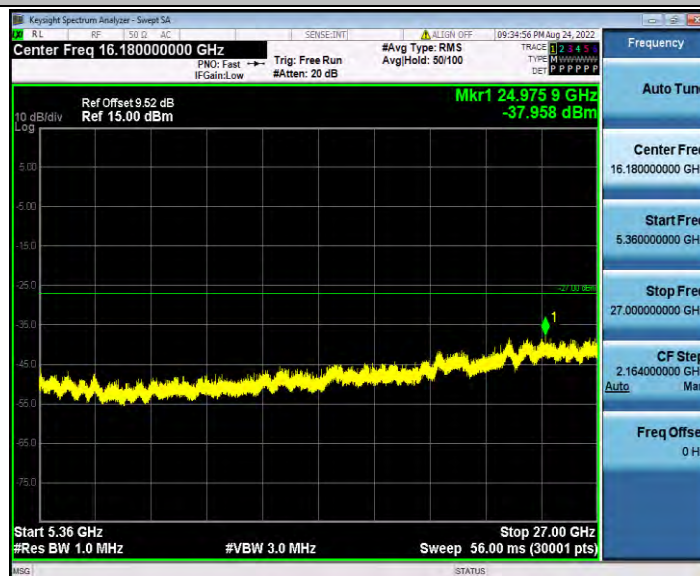
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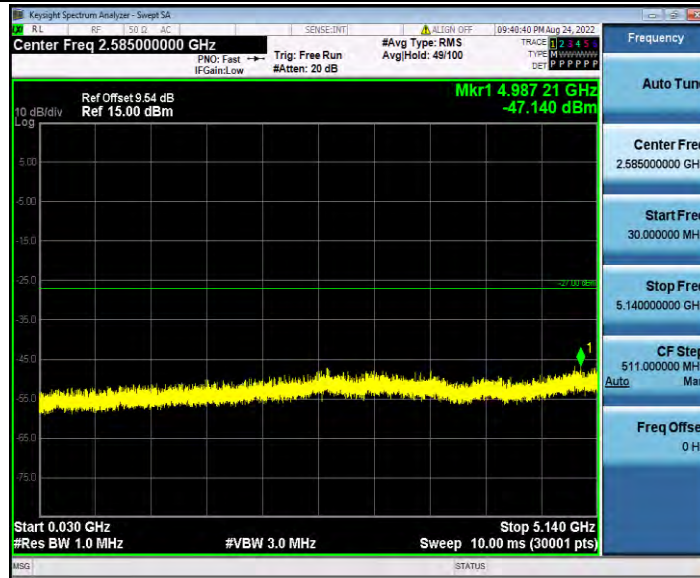
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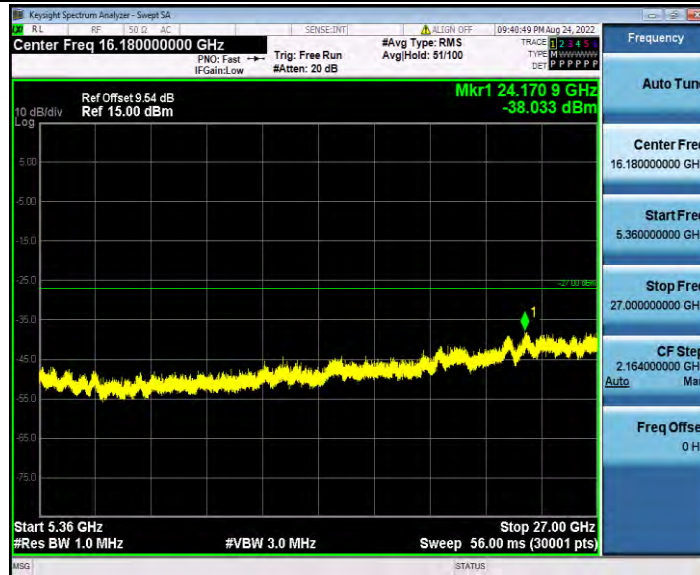
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11AC20SISO_Ant2_5240_30~5140



11AC20SISO_Ant2_5240_5360~40000



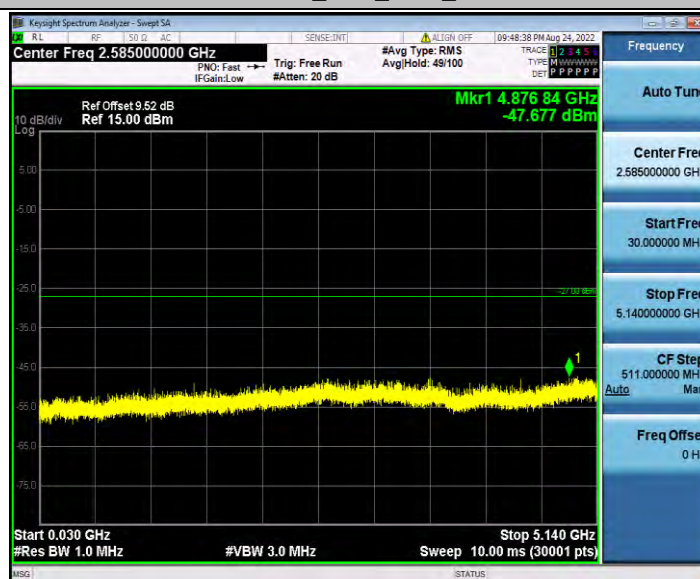
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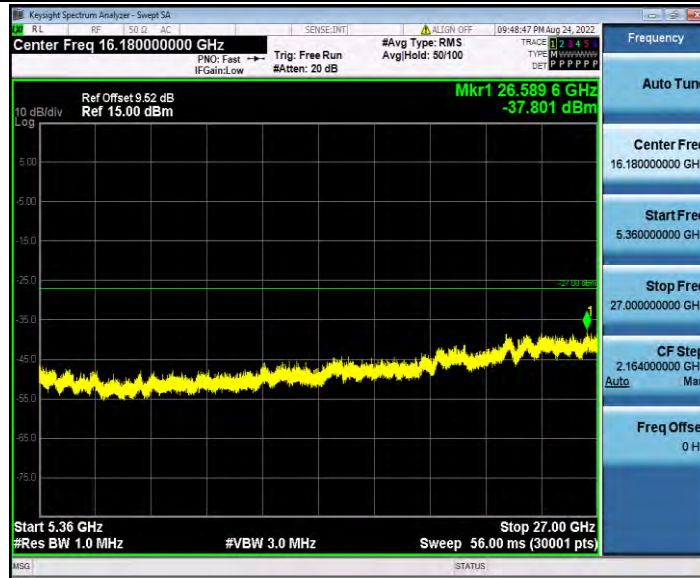
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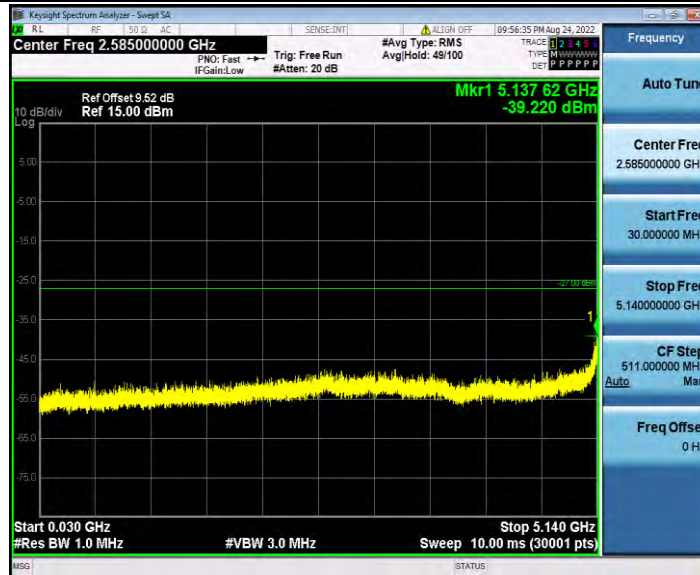
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11AC40SISO_Ant2_5230_5360~40000



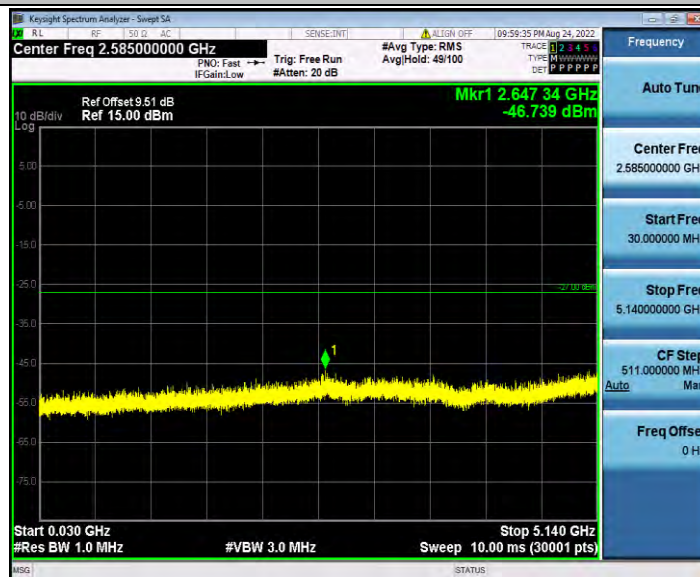
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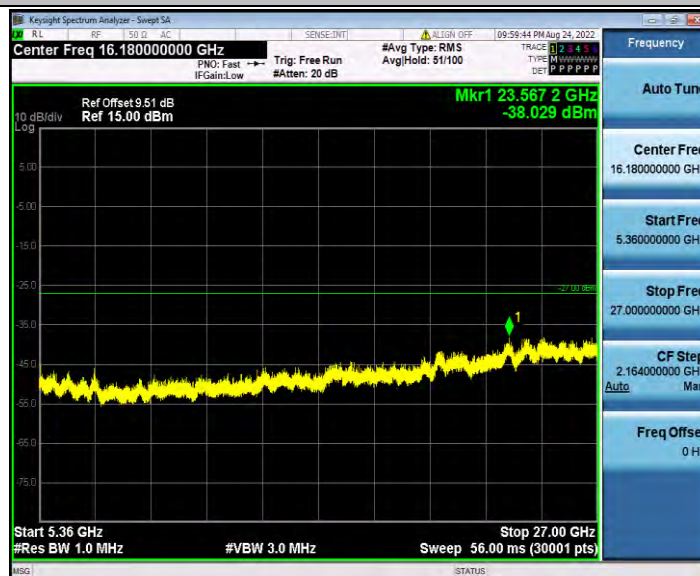
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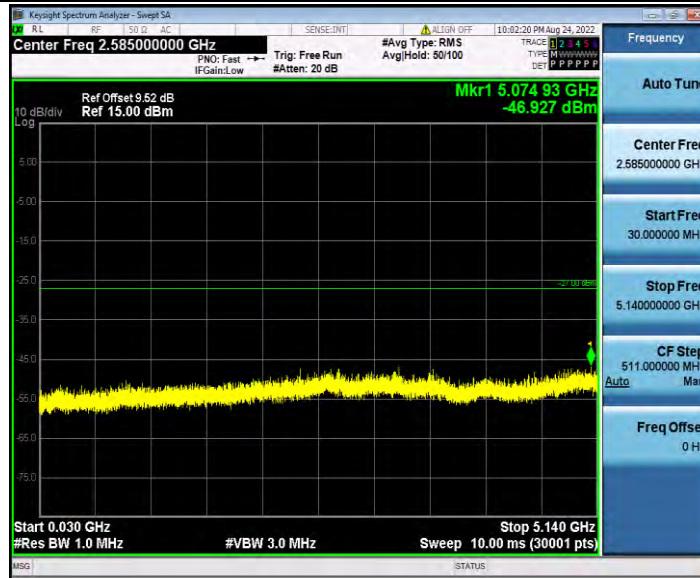
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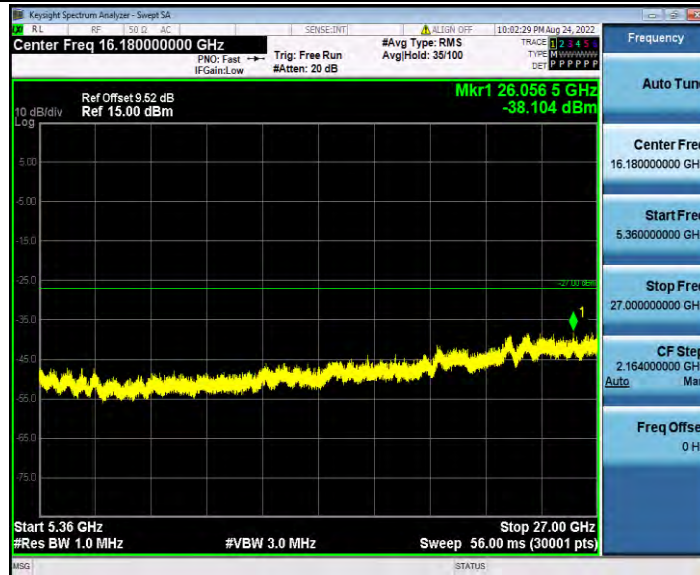
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11AX20SISO_Ant2_5200_30~5140



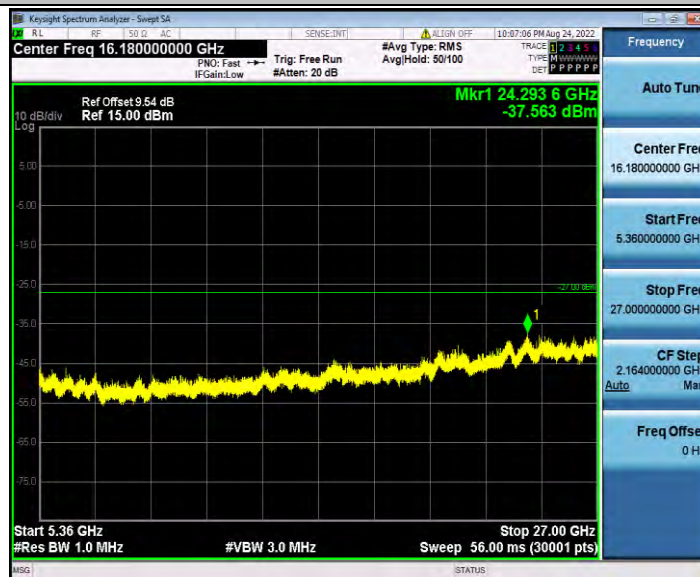
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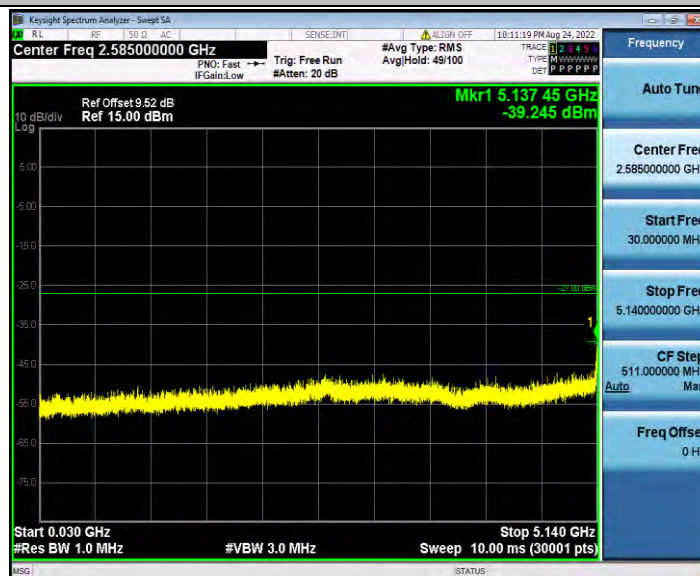
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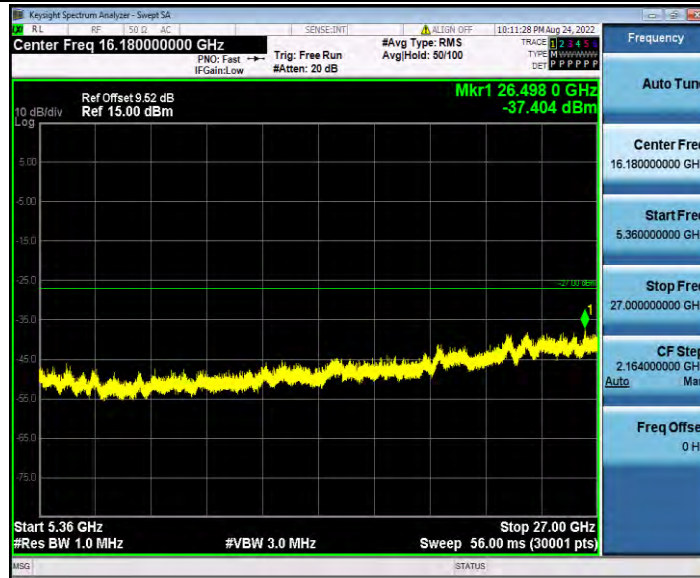
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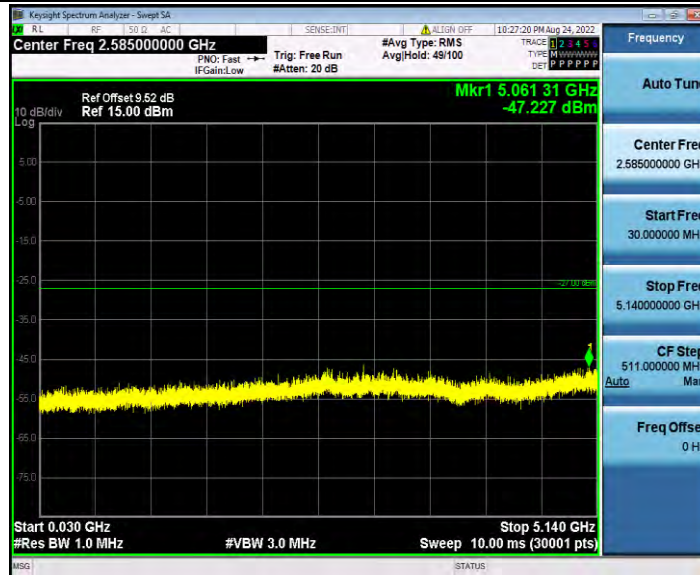
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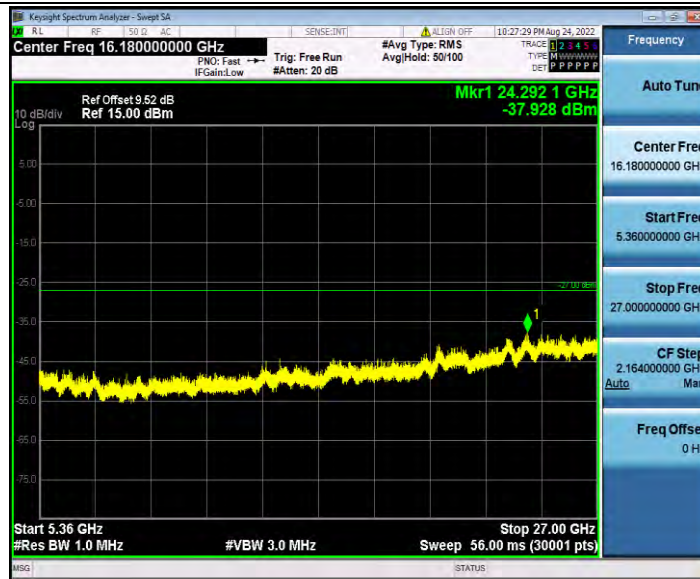
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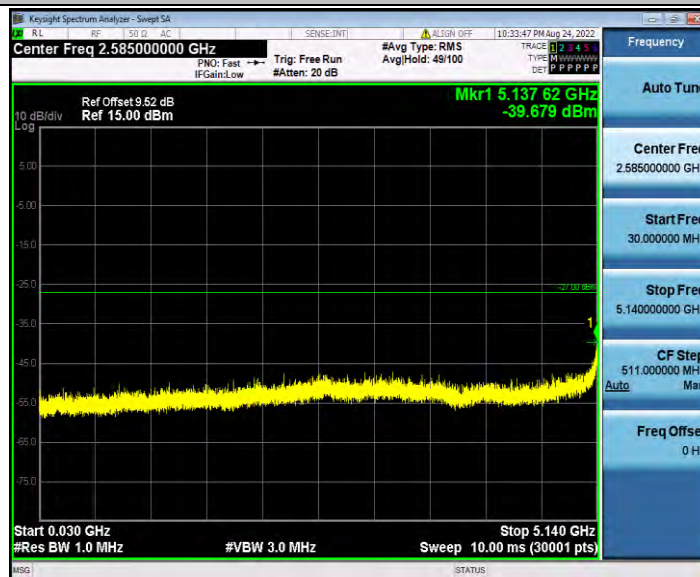
11AX40SISO_Ant2_5230_30~5140



11AX40SISO_Ant2_5230_5360~40000



11AX80SISO_Ant2_5210_30~5140



11AX80SISO_Ant2_5210_5360~40000

