

Appendix D.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	Ant1	5180	8.22	78.53	1.05	9.27	≤23.98	PASS
		5200	8.81	78.09	1.07	9.88	≤23.98	PASS
		5240	9.36	78.53	1.05	10.41	≤23.98	PASS
11N20SISO	Ant1	5180	7.30	76.92	1.14	8.44	≤23.98	PASS
		5200	7.14	77.38	1.11	8.25	≤23.98	PASS
		5240	7.70	76.92	1.14	8.84	≤23.98	PASS
11N40SISO	Ant1	5190	6.64	63.37	1.98	8.62	≤23.98	PASS
		5230	7.34	63.37	1.98	9.32	≤23.98	PASS
11AC20SISO	Ant1	5180	6.45	62.96	2.01	8.46	≤23.98	PASS
		5200	6.94	63.55	1.97	8.91	≤23.98	PASS
		5240	7.65	63.55	1.97	9.62	≤23.98	PASS
11AC40SISO	Ant1	5190	5.49	47.30	3.25	8.74	≤23.98	PASS
		5230	6.15	47.30	3.25	9.40	≤23.98	PASS
11AC80SISO	Ant1	5210	3.91	32.76	4.85	8.76	≤23.98	PASS
11AX20SISO	Ant1	5180	4.34	36.84	4.34	8.68	≤23.98	PASS
		5200	4.79	37.50	4.26	9.05	≤23.98	PASS
		5240	5.31	35.71	4.47	9.78	≤23.98	PASS
11AX40SISO	Ant1	5190	4.57	35.09	4.55	9.12	≤23.98	PASS
		5230	5.38	36.36	4.39	9.77	≤23.98	PASS
11AX80SISO	Ant1	5210	4.26	32.76	4.85	9.11	≤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	Ant1	5180	4.95	≤11.00	PASS
		5200	5.53	≤11.00	PASS
		5240	6.29	≤11.00	PASS
11N20SISO	Ant1	5180	3.88	≤11.00	PASS
		5200	4.07	≤11.00	PASS
		5240	5.19	≤11.00	PASS
11N40SISO	Ant1	5190	2.96	≤11.00	PASS
		5230	4.21	≤11.00	PASS
11AC20SISO	Ant1	5180	6.33	≤11.00	PASS
		5200	5.69	≤11.00	PASS
		5240	6.67	≤11.00	PASS
11AC40SISO	Ant1	5190	5.32	≤11.00	PASS
		5230	5.97	≤11.00	PASS
11AC80SISO	Ant1	5210	4.29	≤11.00	PASS
11AX20SISO	Ant1	5180	6.27	≤11.00	PASS
		5200	6.33	≤11.00	PASS
		5240	6.25	≤11.00	PASS
11AX40SISO	Ant1	5190	7.21	≤11.00	PASS
		5230	6.93	≤11.00	PASS
11AX80SISO	Ant1	5210	3.94	≤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_5180



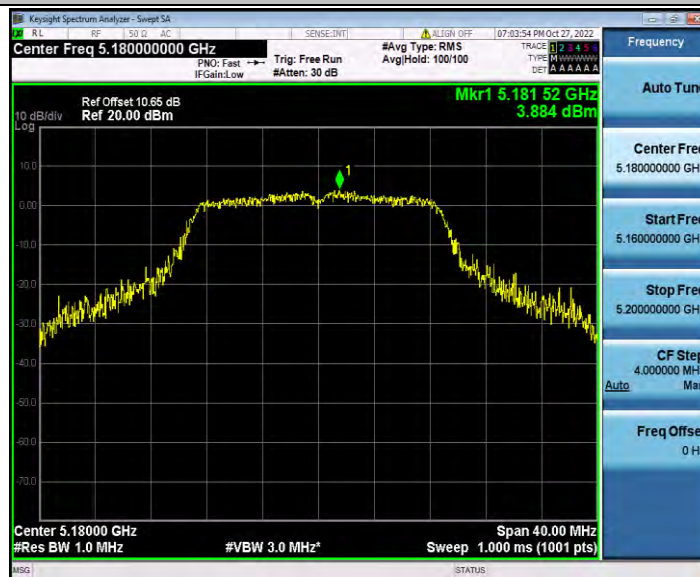
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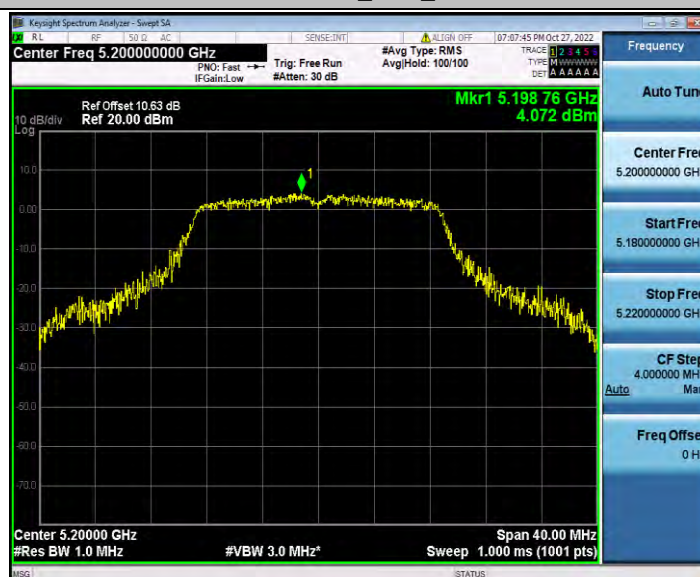
11A_Ant1_5240



11N20SISO_Ant1_5180



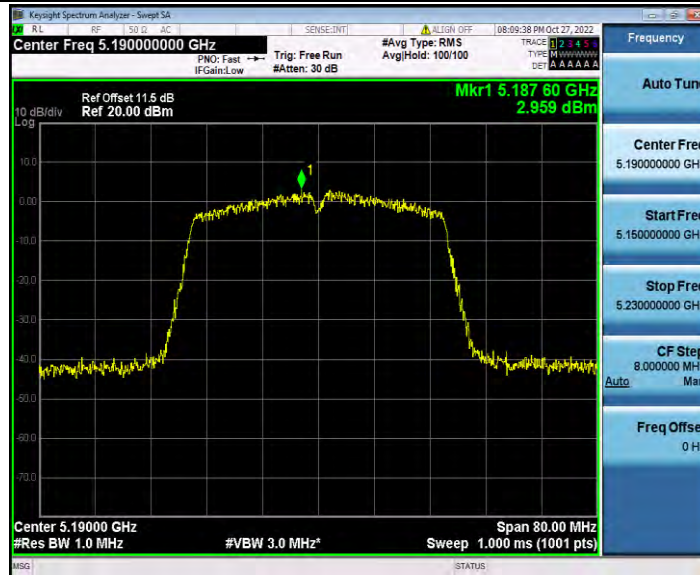
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



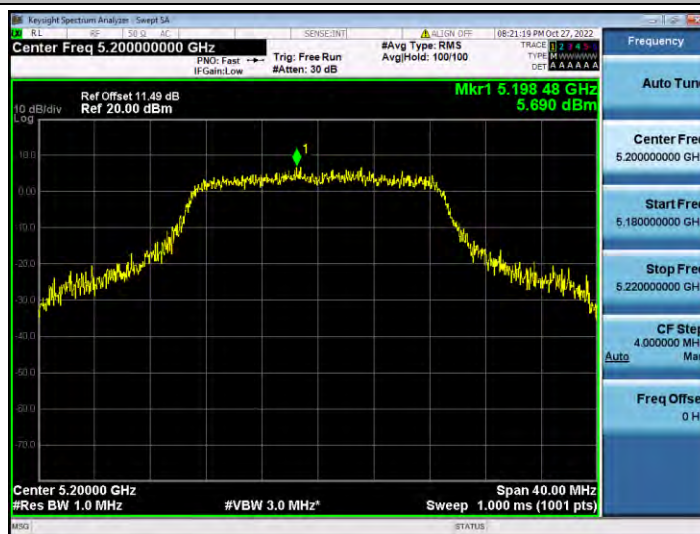
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



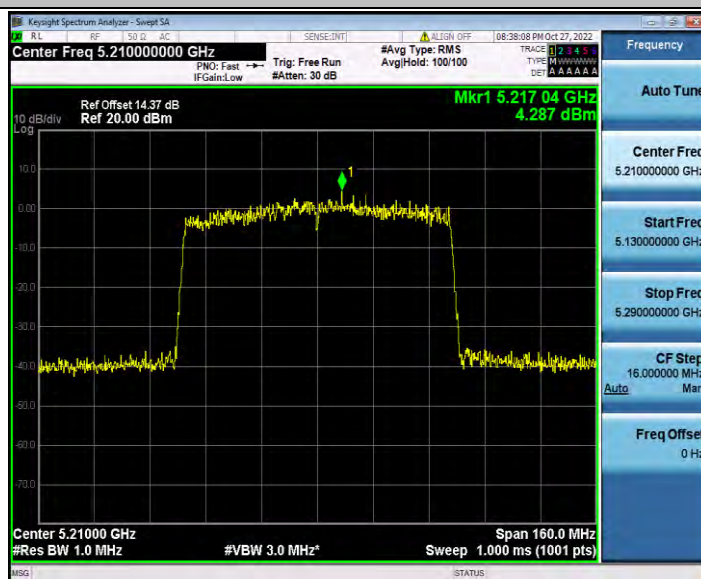
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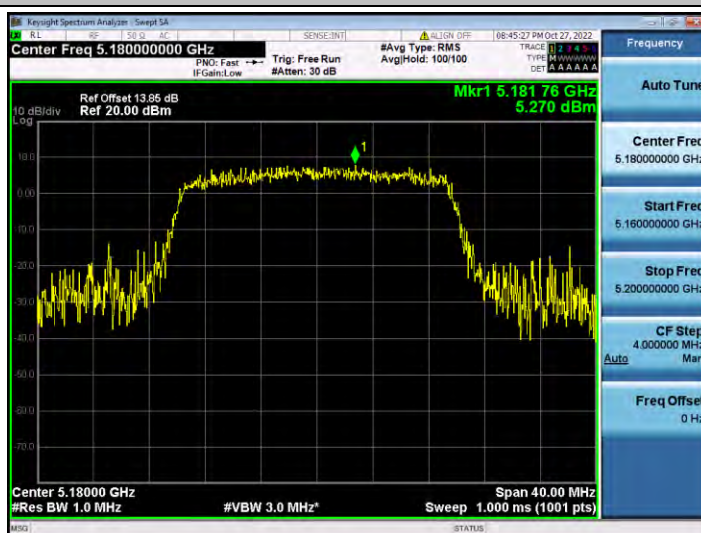
11AC40SISO_Ant1_5230



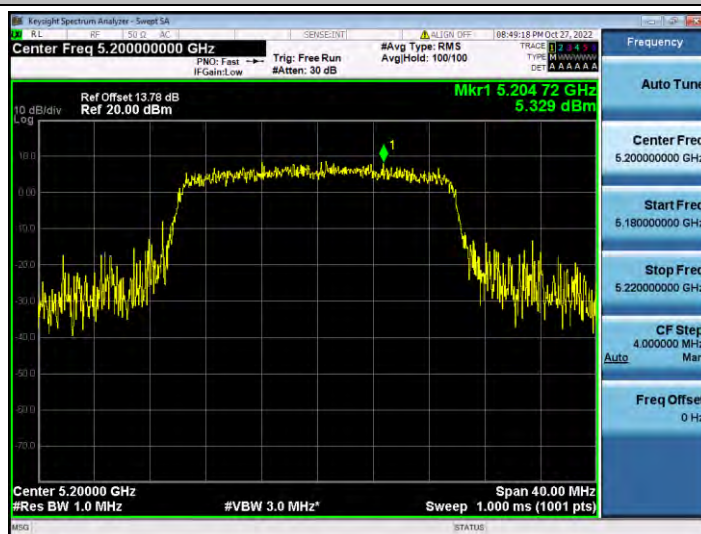
11AC80SISO_Ant1_5210



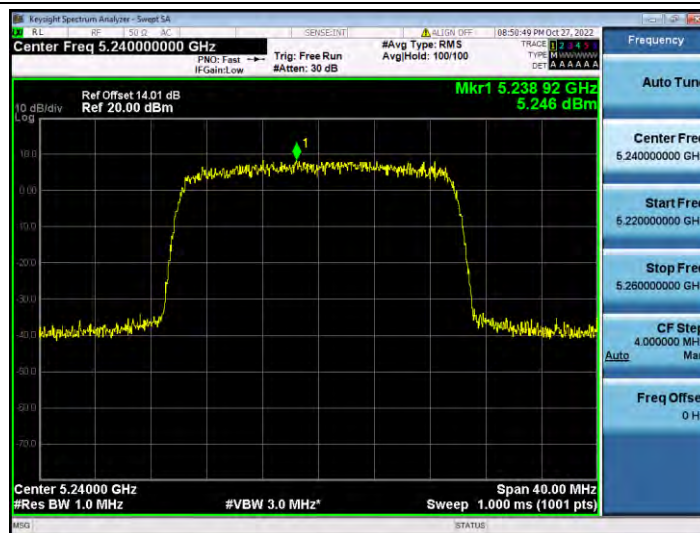
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



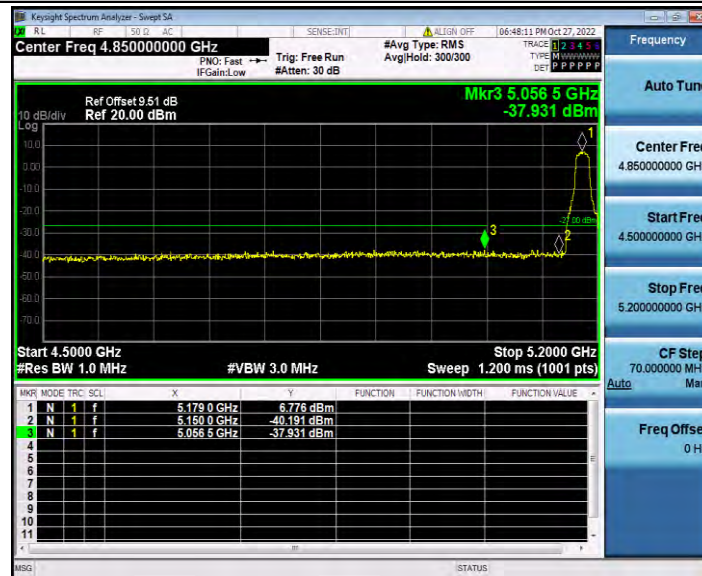
Appendix D.6: Band edge measurements

Test Result B1

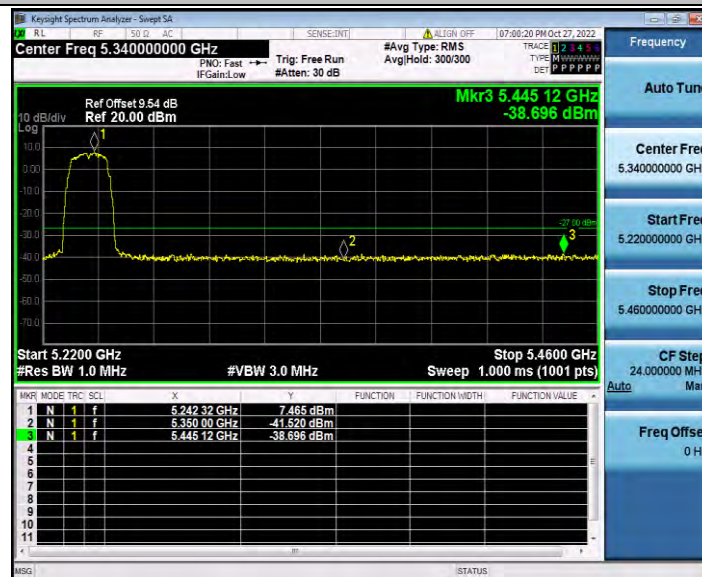
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.93	≤ -27	PASS
		High	5240	-38.7	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-37.12	≤ -27	PASS
		High	5240	-37.98	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.47	≤ -27	PASS
		High	5230	-38.38	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.54	≤ -27	PASS
		High	5240	-38.1	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-37.06	≤ -27	PASS
		High	5230	-36.89	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-38	≤ -27	PASS
		High	5210	-37.32	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-38.23	≤ -27	PASS
		High	5240	-37.79	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-37.25	≤ -27	PASS
		High	5230	-37.68	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-38.06	≤ -27	PASS
		High	5210	-37.89	≤ -27	PASS

Test Graphs B1

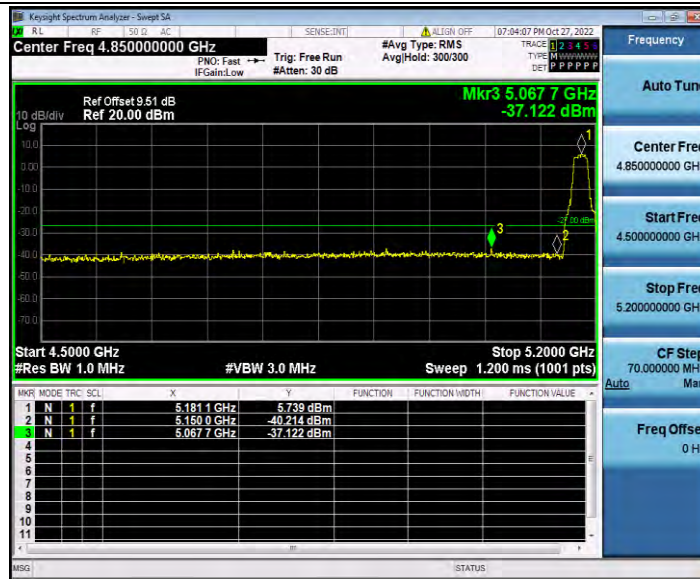
11A_Ant1_Low_5180



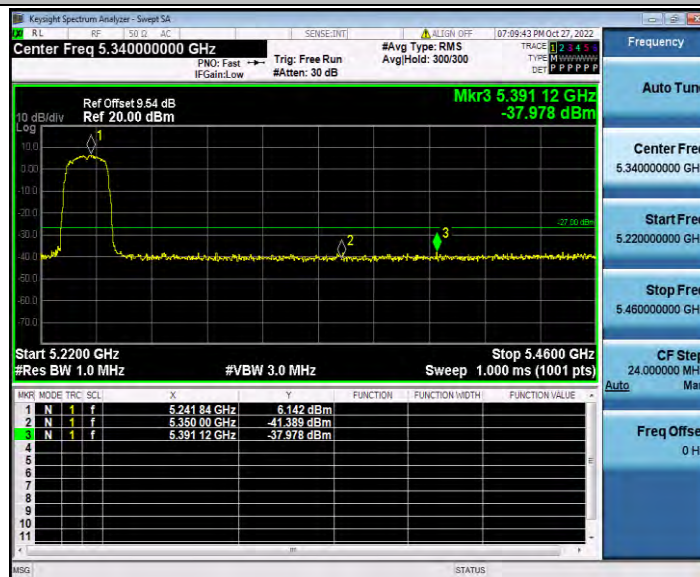
11A_Ant1_High_5240



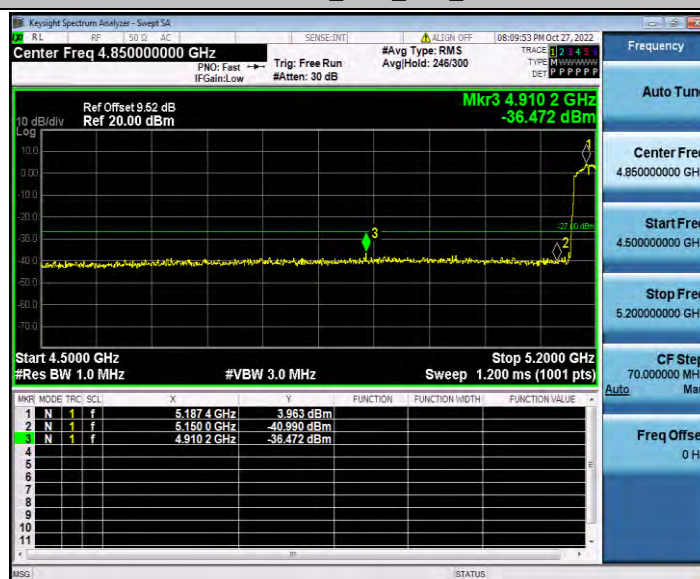
11N20SISO_Ant1_Low_5180



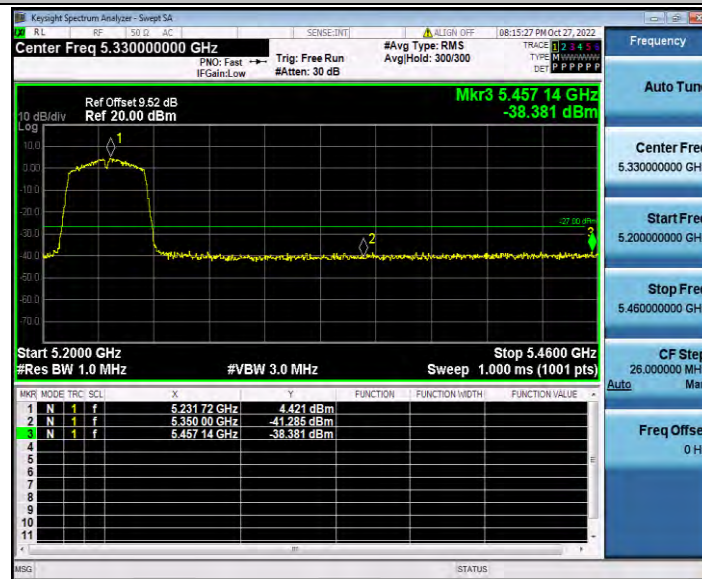
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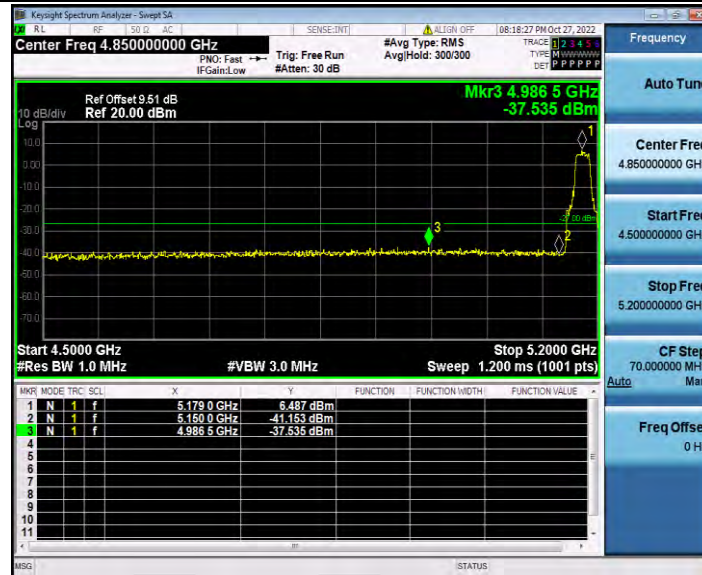
11N40SISO_Ant1_Low_5190



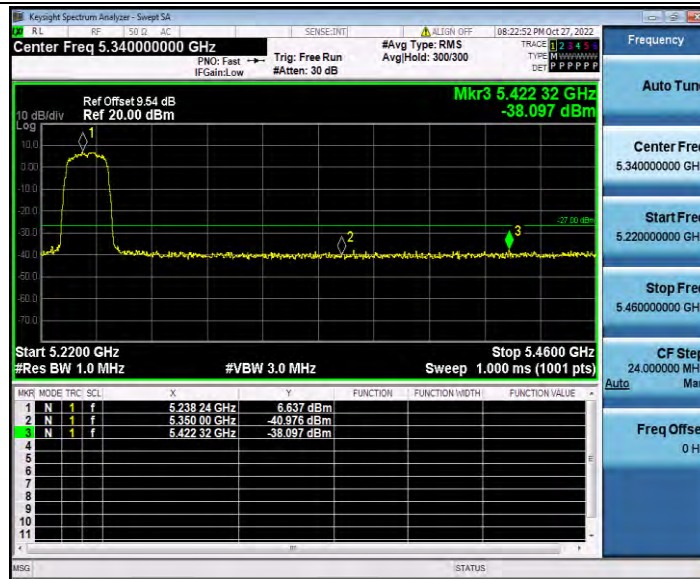
11N40SISO_Ant1_High_5230



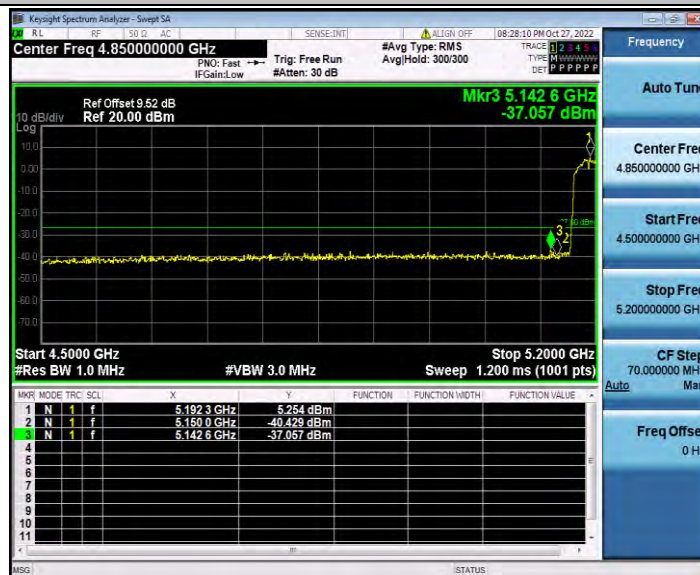
11AC20SISO_Ant1_Low_5180



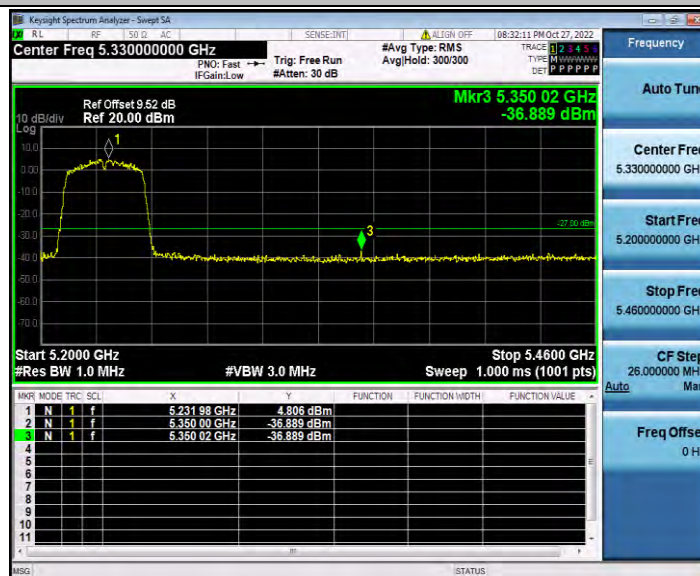
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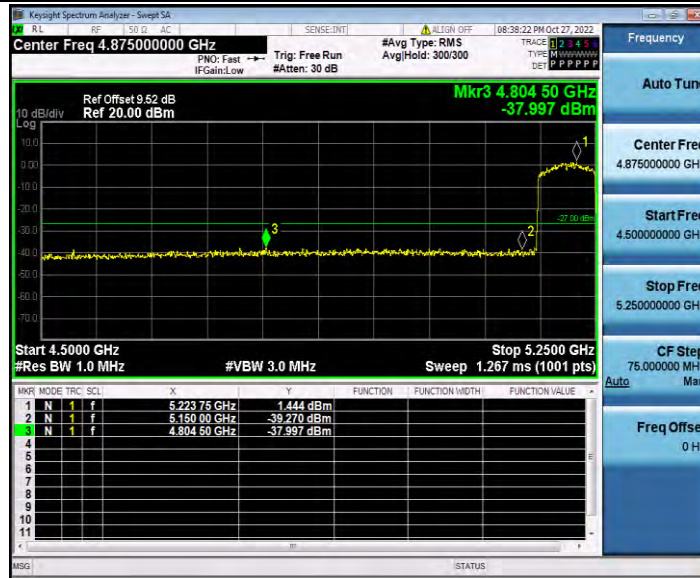
11AC40SISO_Ant1_Low_5190



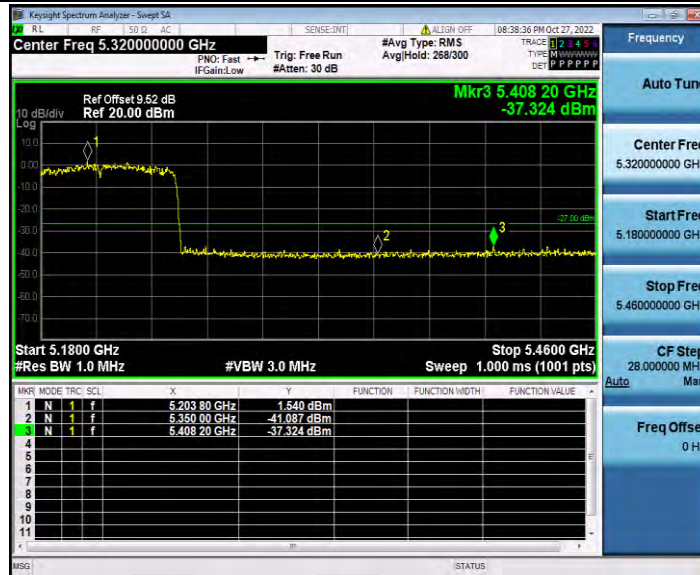
11AC40SISO_Ant1_High_5230



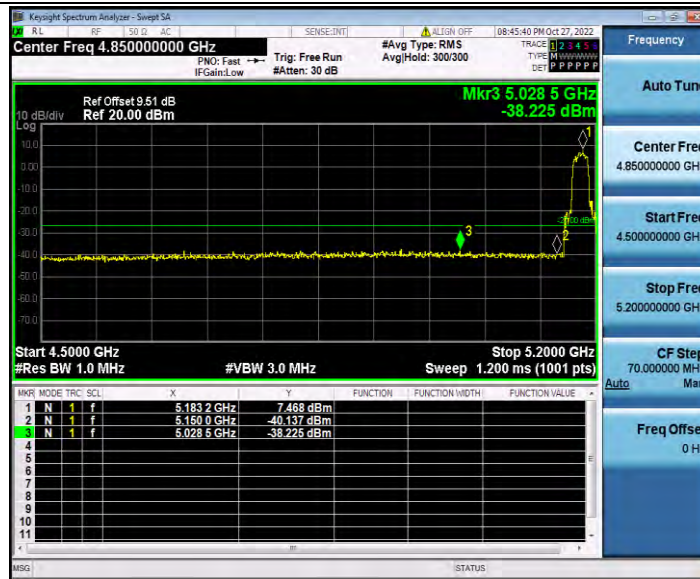
11AC80SISO_Ant1_Low_5210



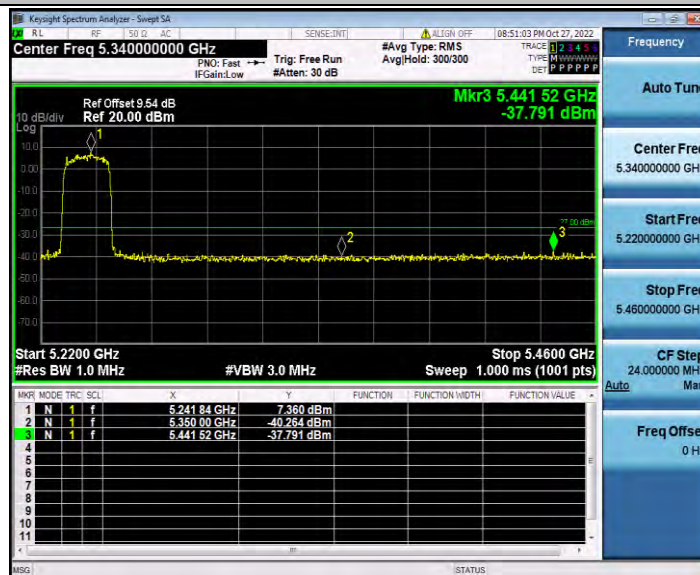
11AC80SISO_Ant1_High_5210



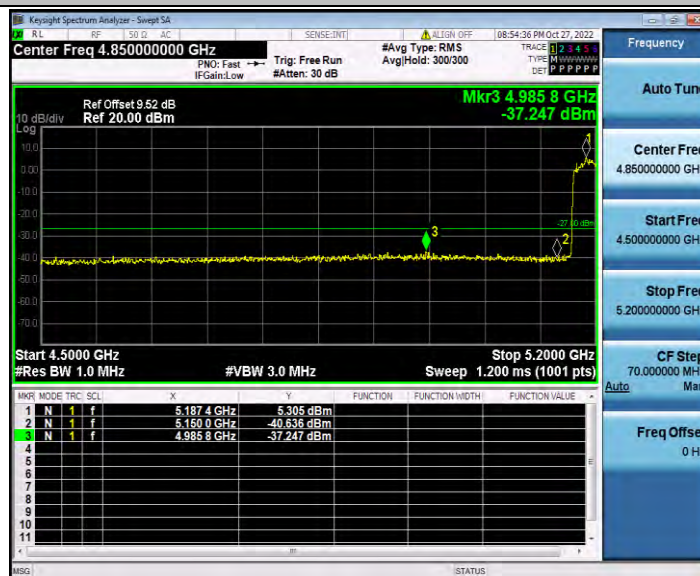
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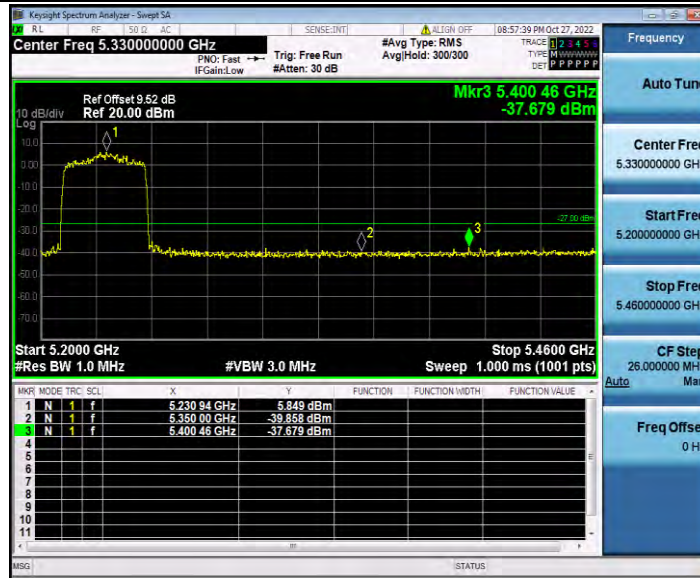
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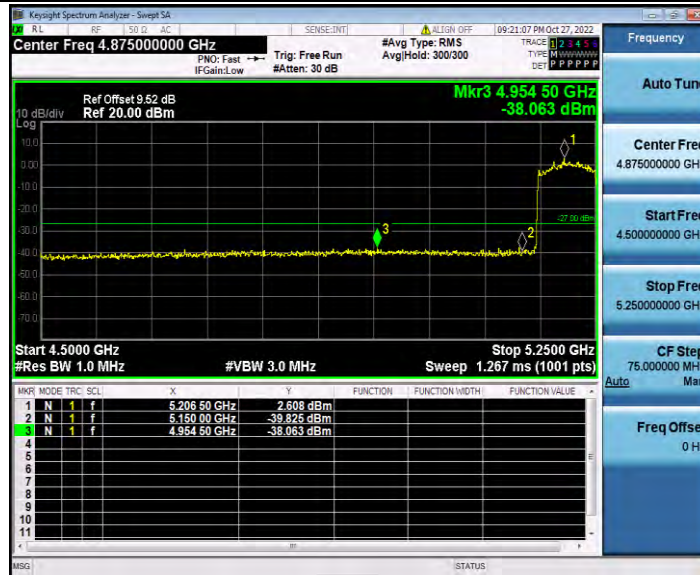
11AX40SISO_Ant1_Low_5190



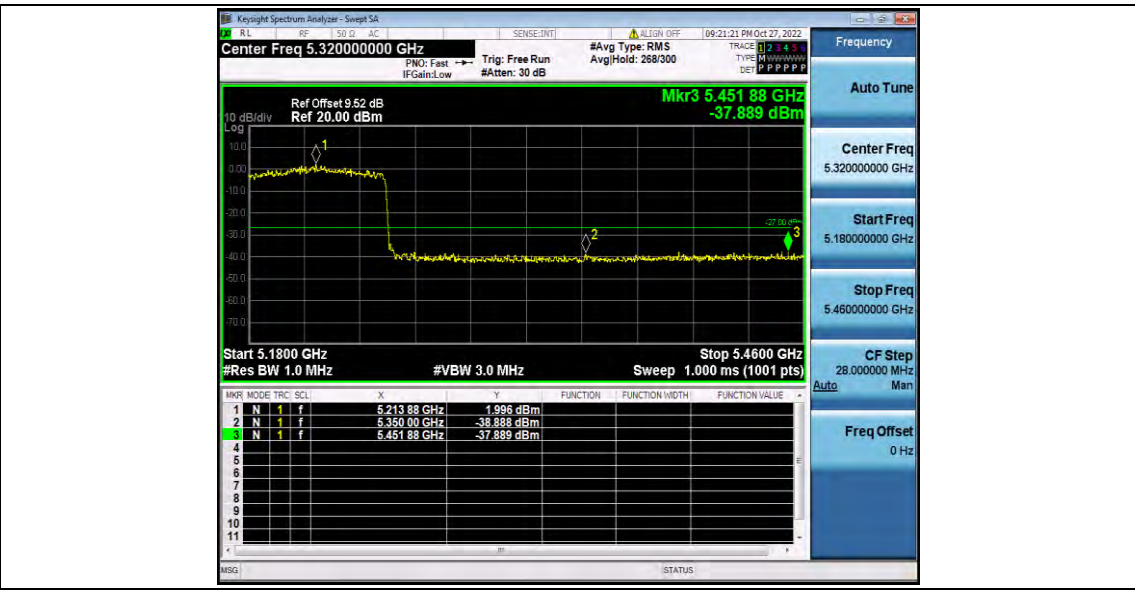
11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



11AX80SISO_Ant1_High_5210



Appendix D.7: Conducted Spurious Emission

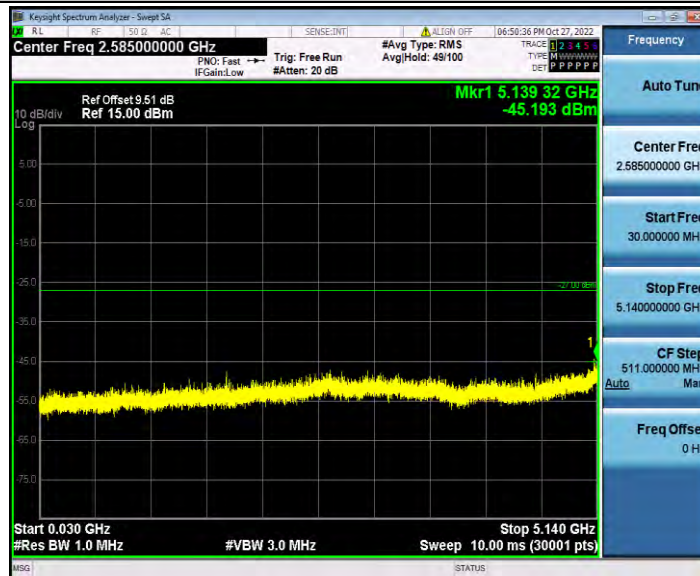
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5139.32	-45.19	≤-27	PASS
			5360~40000	25599.17	-36.9	≤-27	PASS
		5200	30~5140	5131.99	-45.69	≤-27	PASS
			5360~40000	26548.45	-37.74	≤-27	PASS
		5240	30~5140	2411.77	-45.79	≤-27	PASS
			5360~40000	24733.57	-37.57	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5119.56	-45.68	≤-27	PASS
			5360~40000	26051.45	-38.02	≤-27	PASS
		5200	30~5140	3132.62	-46.51	≤-27	PASS
			5360~40000	26659.53	-37.84	≤-27	PASS
		5240	30~5140	2797.75	-46.45	≤-27	PASS
			5360~40000	25489.53	-38.4	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5046.15	-47.16	≤-27	PASS
			5360~40000	26057.22	-38.19	≤-27	PASS
		5230	30~5140	5137.27	-46.76	≤-27	PASS
			5360~40000	24799.21	-38.18	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5061.31	-44.83	≤-27	PASS
			5360~40000	24196.18	-37.71	≤-27	PASS
		5200	30~5140	5097.42	-44.83	≤-27	PASS
			5360~40000	26708.58	-37.87	≤-27	PASS
		5240	30~5140	5121.43	-46.35	≤-27	PASS
			5360~40000	25098.57	-37.47	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5123.31	-43.89	≤-27	PASS
			5360~40000	24280.57	-38.27	≤-27	PASS
		5230	30~5140	2414.84	-45.78	≤-27	PASS
			5360~40000	23554.91	-36.48	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5136.08	-44.82	≤-27	PASS
			5360~40000	23478.45	-37.7	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	5124.67	-46.05	≤-27	PASS
			5360~40000	24222.87	-38.25	≤-27	PASS
		5200	30~5140	2441.41	-46.03	≤-27	PASS
			5360~40000	25212.54	-38.12	≤-27	PASS
		5240	30~5140	4942.24	-46.64	≤-27	PASS
			5360~40000	24305.82	-37.39	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	4900.34	-45.77	≤-27	PASS
			5360~40000	26006.72	-38.2	≤-27	PASS

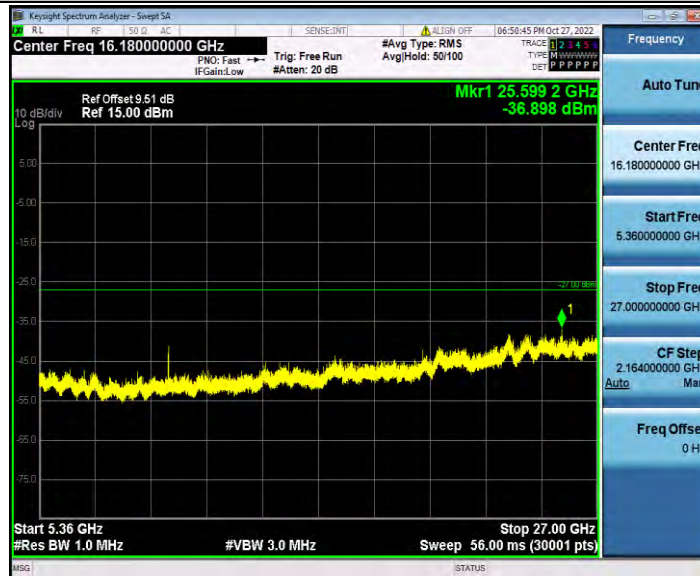
		5230	30~5140	1761.27	-39.34	≤-27	PASS
			5360~40000	24287.07	-37.67	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5136.08	-44.82	≤-27	PASS
			5360~40000	23478.45	-37.7	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~40000



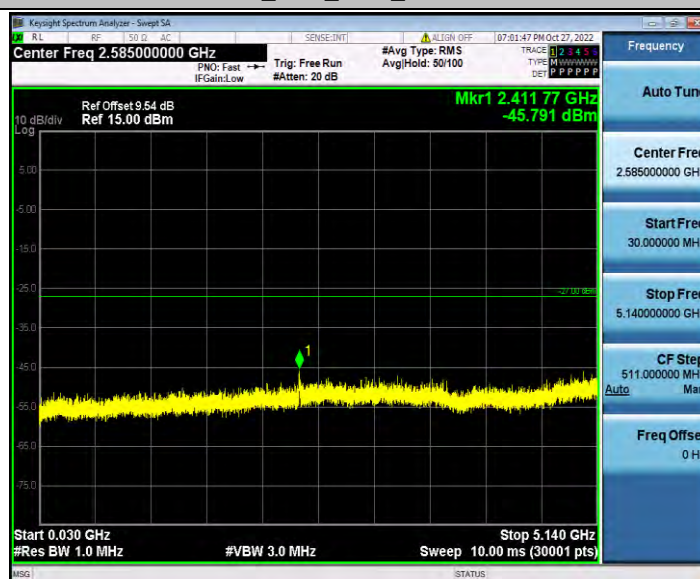
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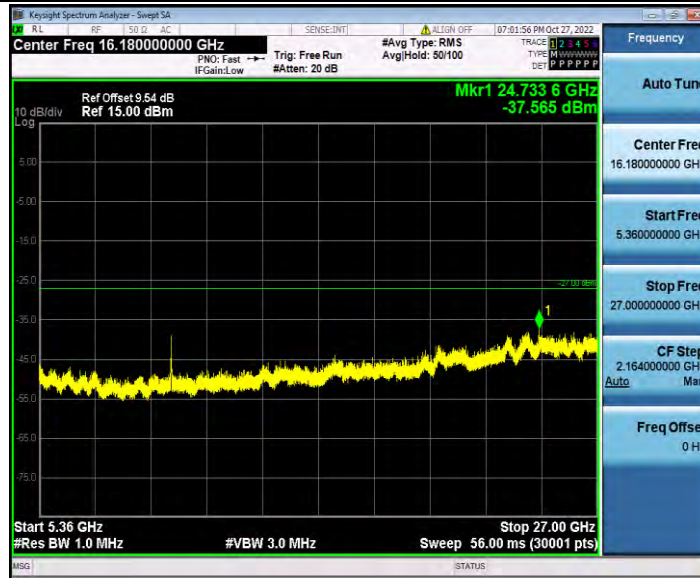
11A_Ant1_5200_5360~40000



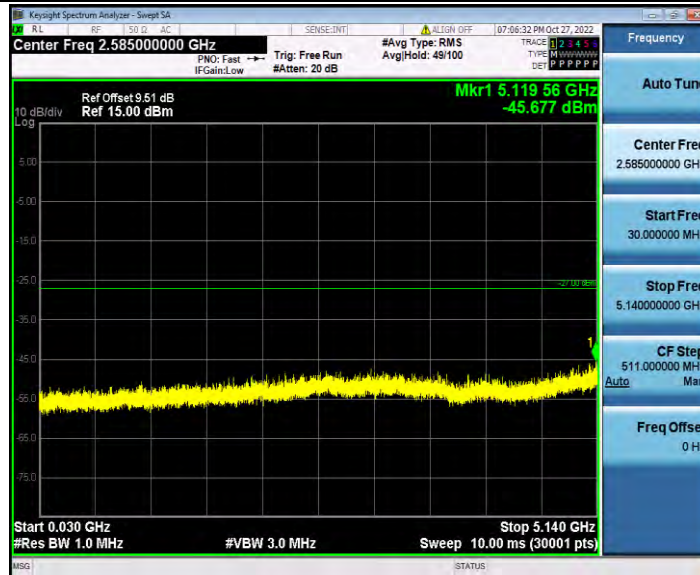
11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~40000



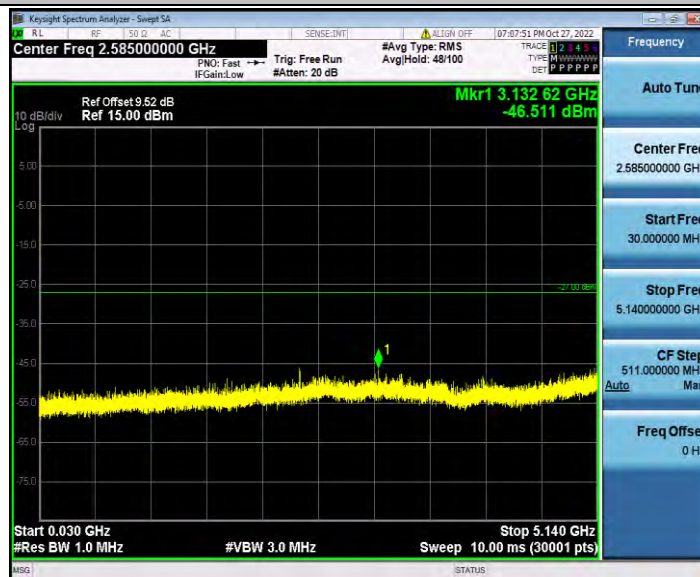
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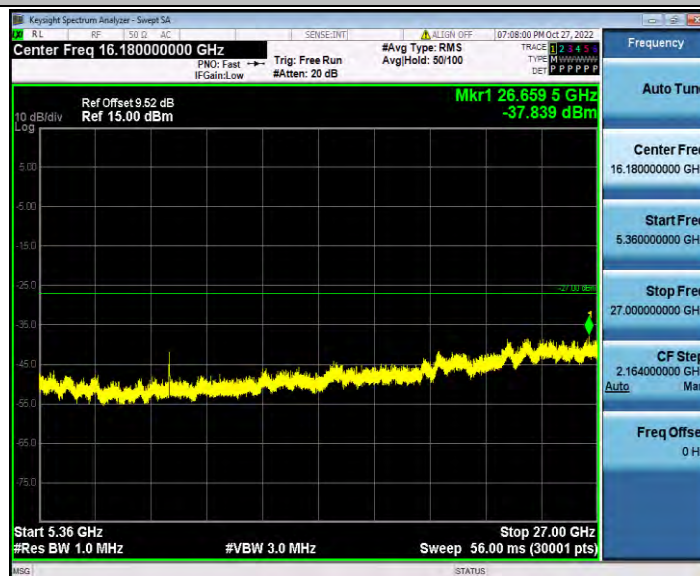
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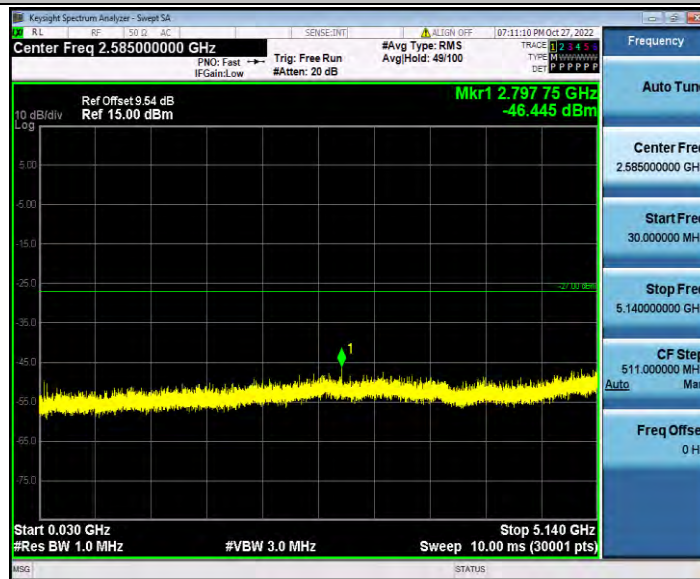
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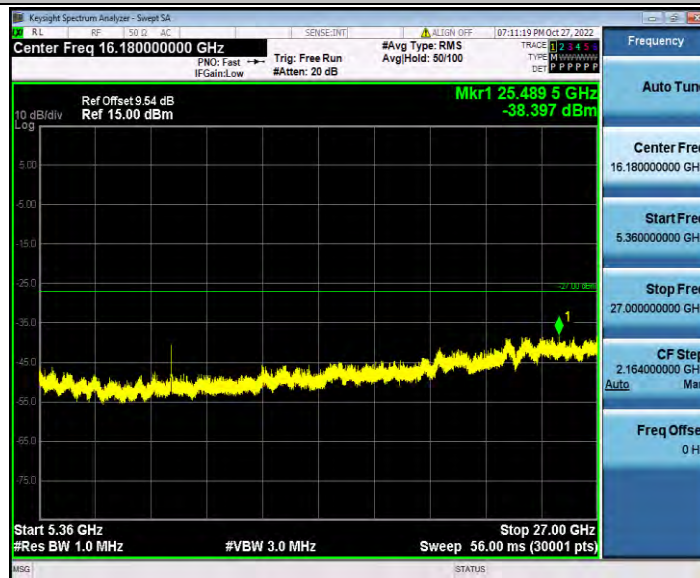
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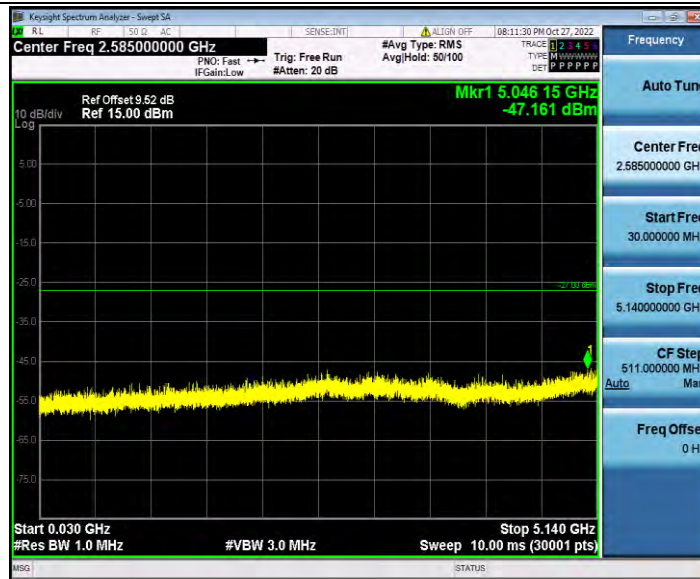
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11N20SISO_Ant1_5240_5360~40000



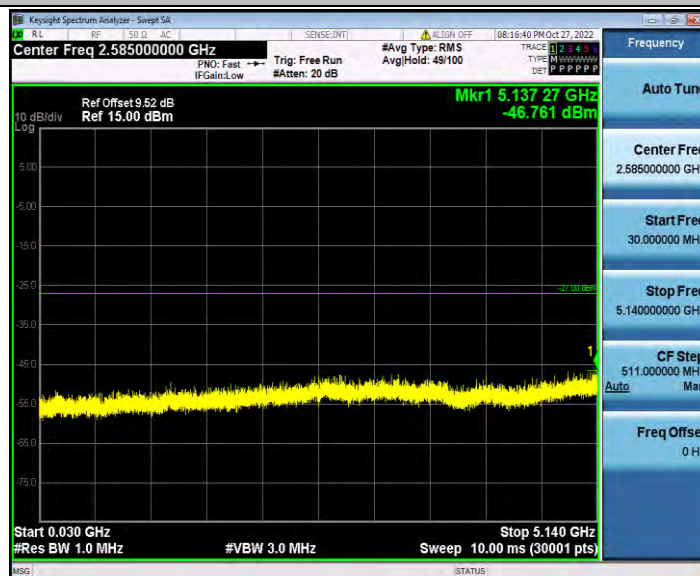
11N40SISO_Ant1_5190_30~5140



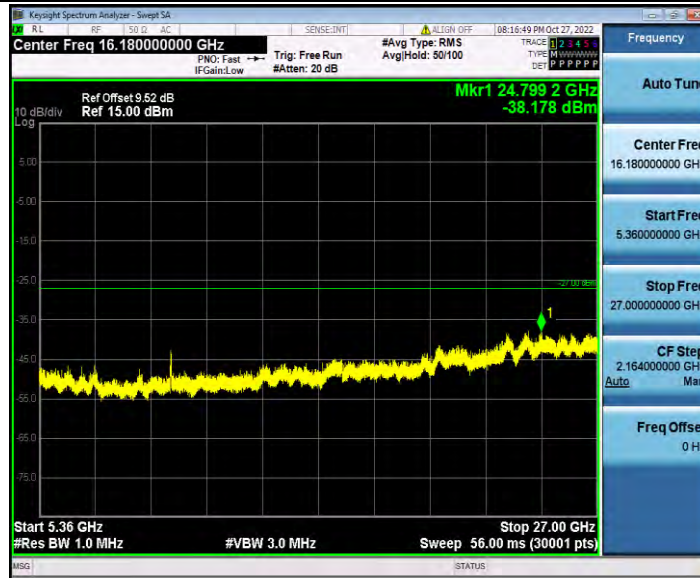
11N40SISO_Ant1_5190_5360~40000



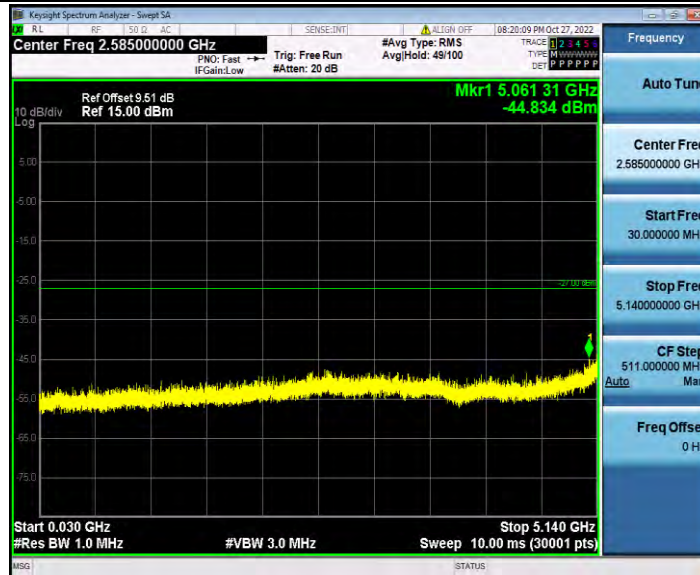
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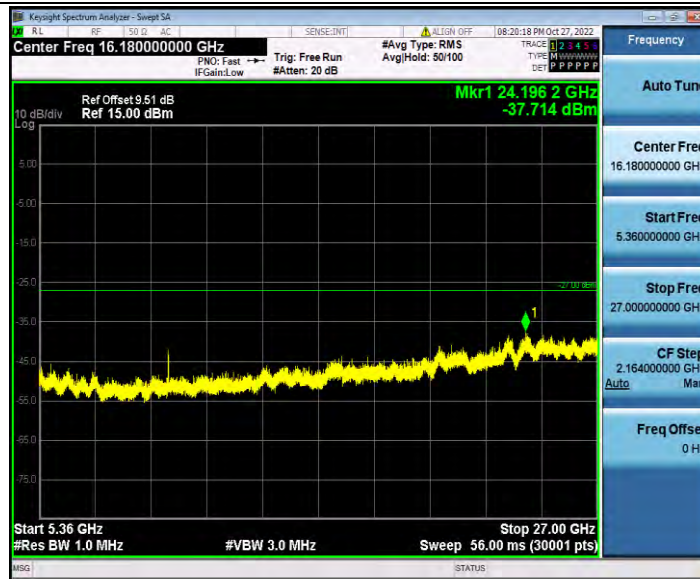
11N40SISO_Ant1_5230_5360~40000



11AC20SISO_Ant1_5180_30~5140



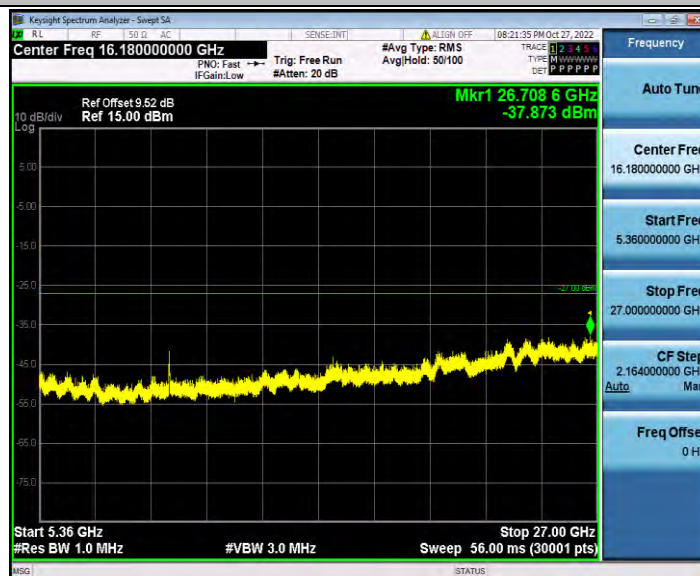
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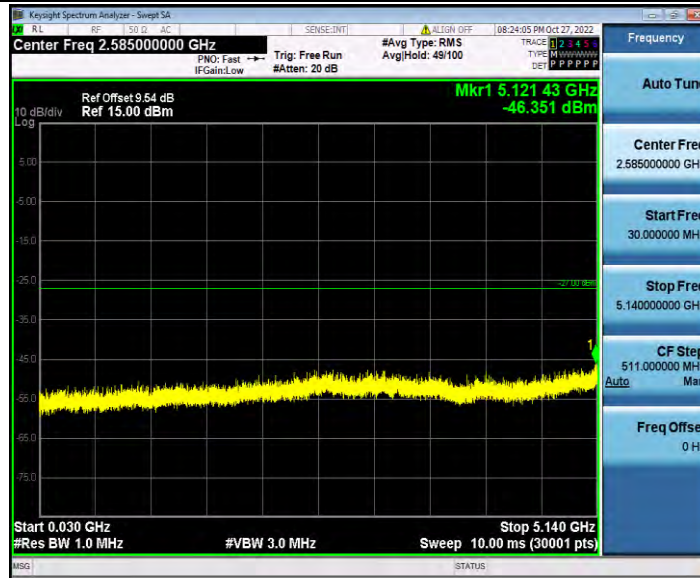
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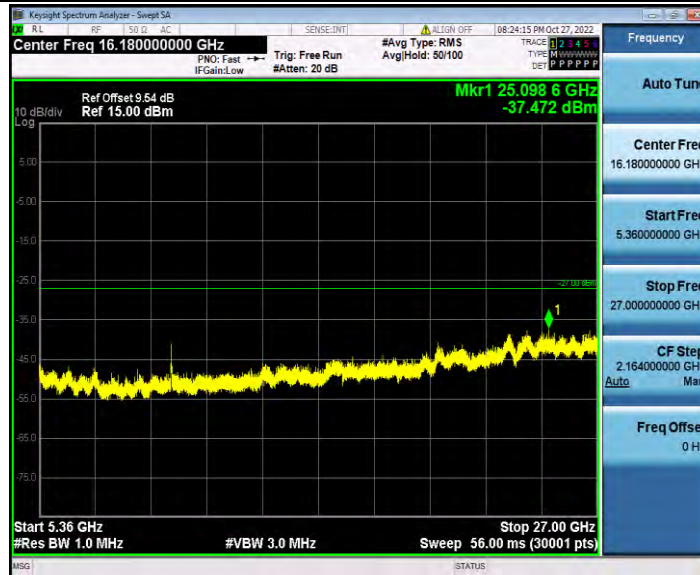
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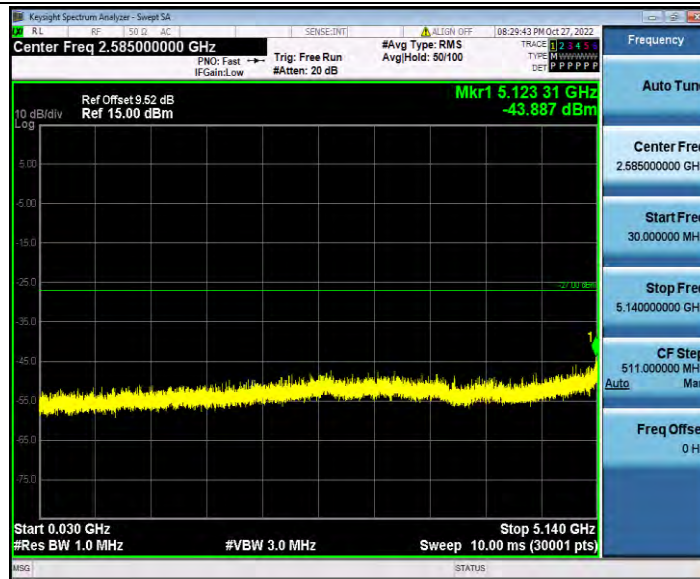
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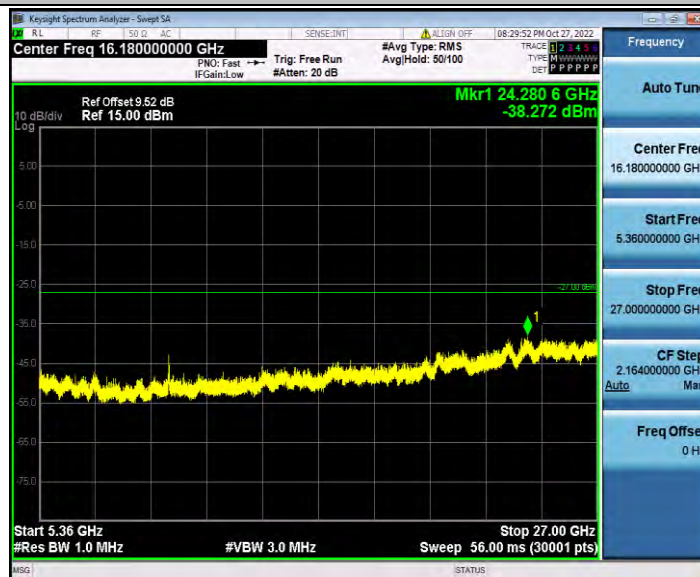
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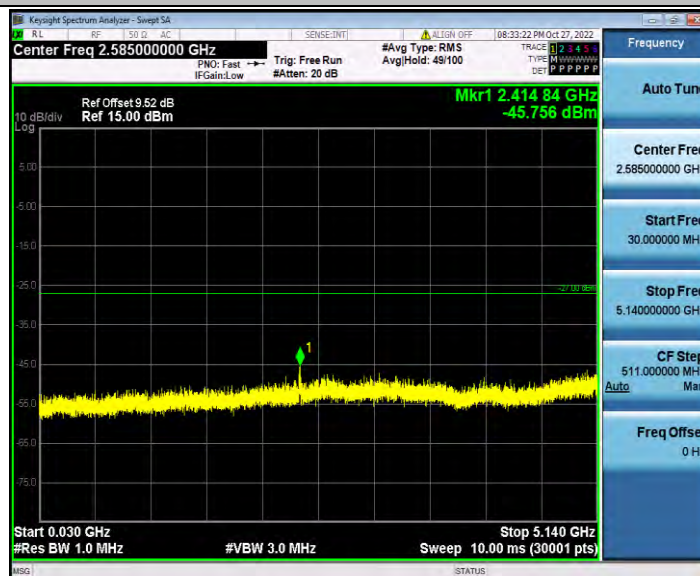
11AC40SISO_Ant1_5190_30~5140



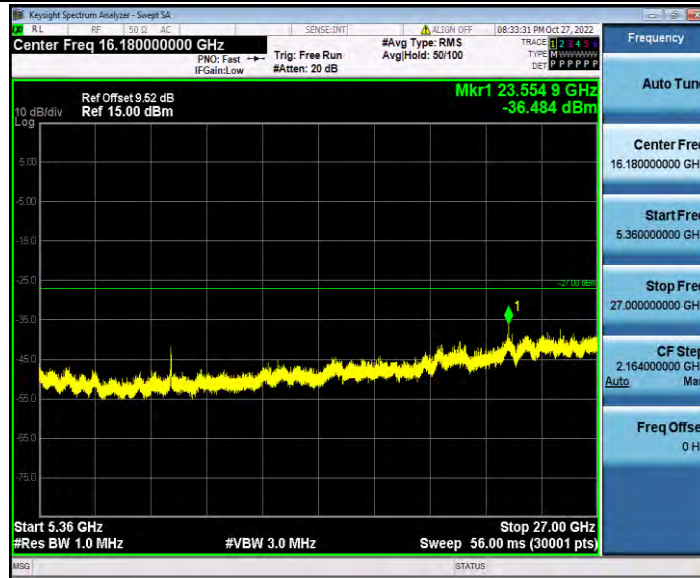
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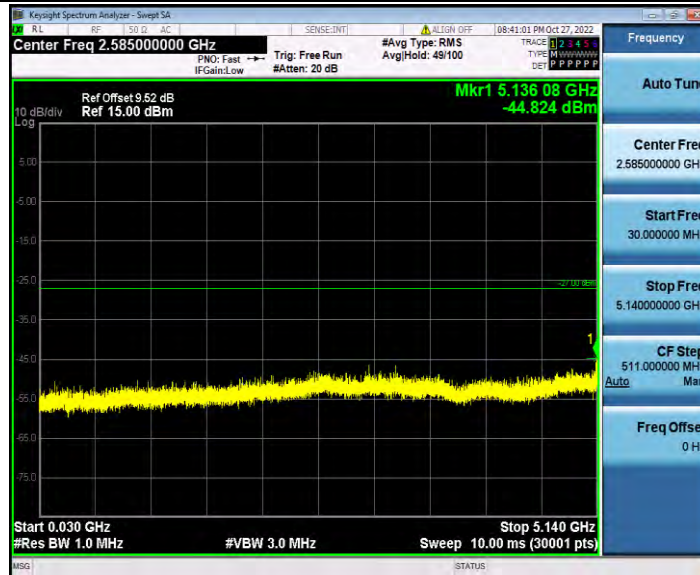
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



11AC80SISO_Ant1_5210_30~5140



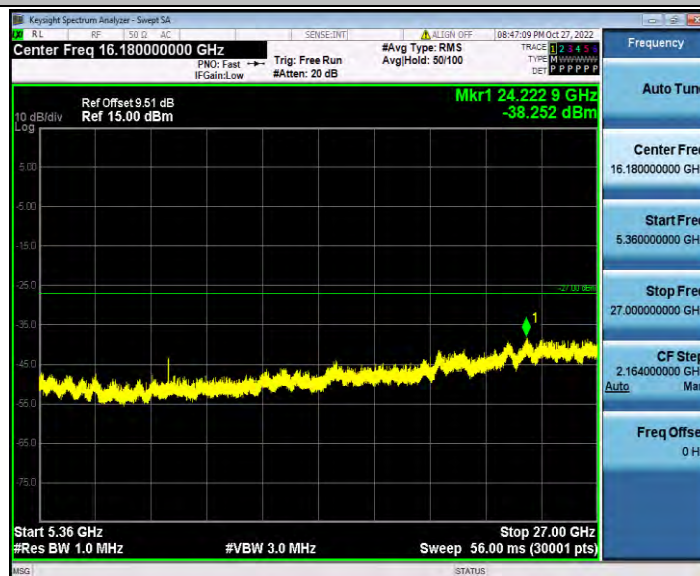
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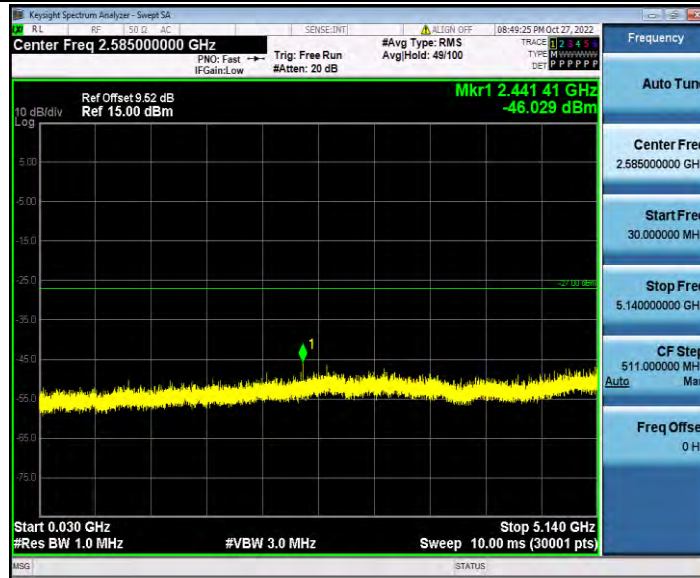
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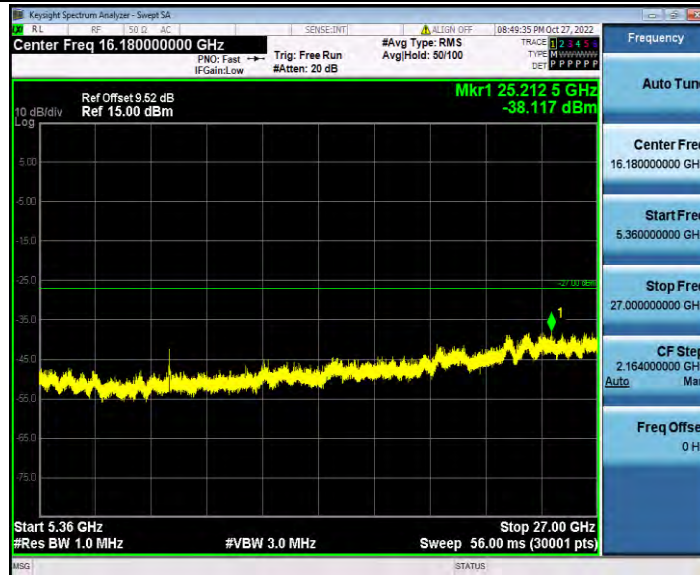
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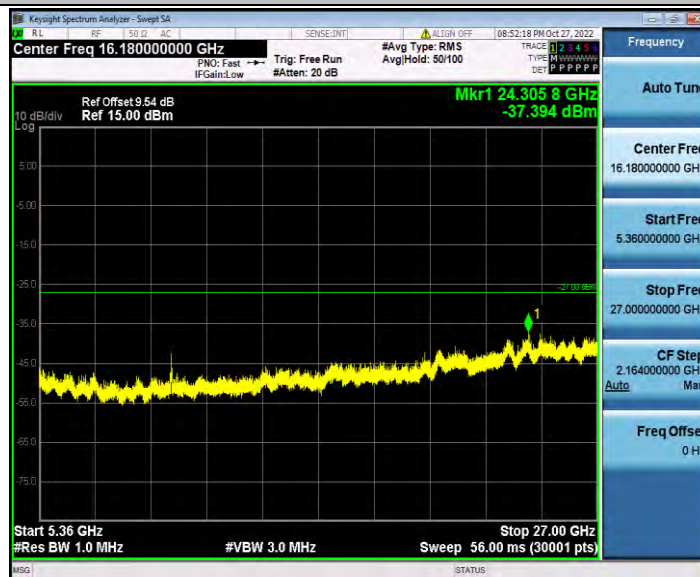
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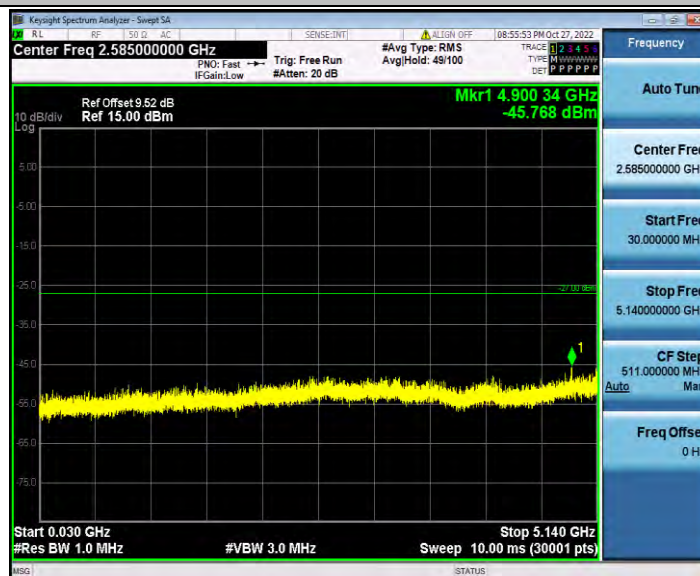
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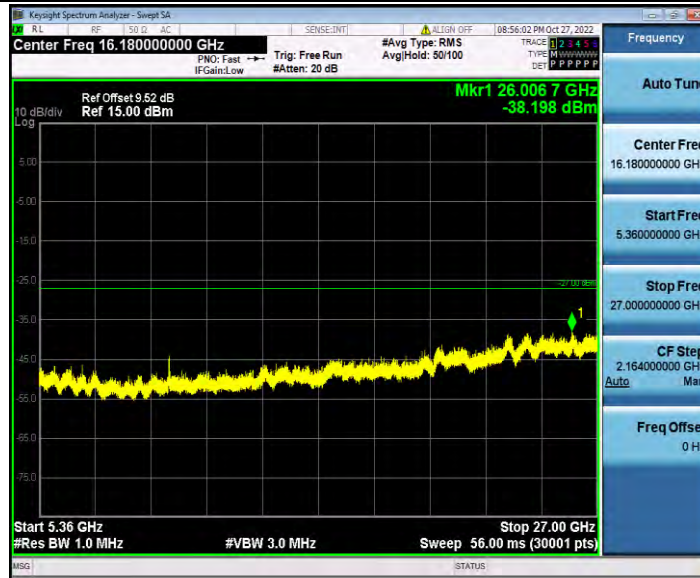
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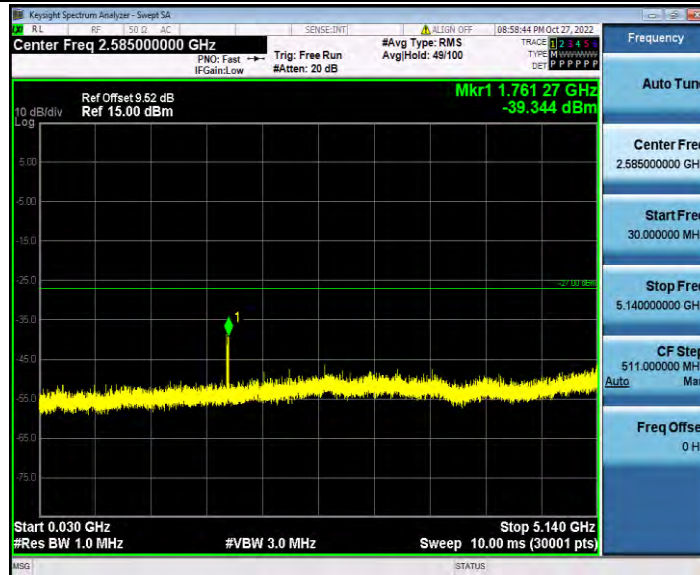
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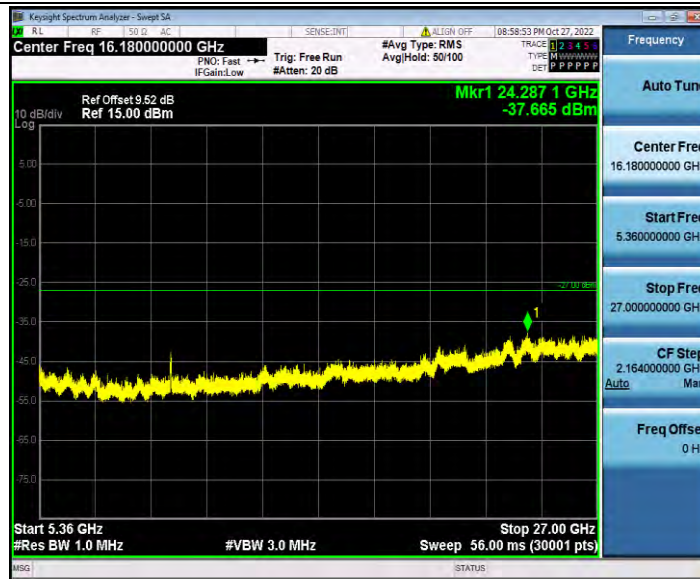
11AX40SISO_Ant1_5190_5360~40000



11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~40000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~40000

