

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	Ant1	5180	14.38	98.76	0.05	14.43	≤23.98	PASS
		5200	14.33	98.76	0.05	14.38	≤23.98	PASS
		5240	13.07	98.76	0.05	13.12	≤23.98	PASS
11N20SISO	Ant1	5180	14.35	98.76	0.05	14.40	≤23.98	PASS
		5200	14.38	99.00	0.04	14.42	≤23.98	PASS
		5240	10.72	98.76	0.05	10.77	≤23.98	PASS
11N40SISO	Ant1	5190	15.86	98.76	0.05	15.91	≤23.98	PASS
		5230	15.57	99.00	0.04	15.61	≤23.98	PASS
11AC20SISO	Ant1	5180	14.46	98.75	0.05	14.51	≤23.98	PASS
		5200	14.46	99.00	0.04	14.50	≤23.98	PASS
		5240	13.29	99.00	0.04	13.33	≤23.98	PASS
11AC40SISO	Ant1	5190	15.92	99.00	0.04	15.96	≤23.98	PASS
		5230	15.59	99.00	0.04	15.63	≤23.98	PASS
11AC80SISO	Ant1	5210	16.10	98.76	0.05	16.15	≤23.98	PASS
11AX20SISO	Ant1	5180	14.30	98.77	0.05	14.35	≤23.98	PASS
		5200	11.29	98.77	0.05	11.34	≤23.98	PASS
		5240	10.80	98.77	0.05	10.85	≤23.98	PASS
11AX40SISO	Ant1	5190	11.20	98.75	0.05	11.25	≤23.98	PASS
		5230	10.83	98.75	0.05	10.88	≤23.98	PASS
11AX80SISO	Ant1	5210	11.21	98.75	0.05	11.26	≤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	9.16	≤11.00	PASS
		5200	9.23	≤11.00	PASS
		5240	7.83	≤11.00	PASS
11N20SISO	Ant1	5180	8.73	≤11.00	PASS
		5200	8.83	≤11.00	PASS
		5240	5.28	≤11.00	PASS
11N40SISO	Ant1	5190	7.76	≤11.00	PASS
		5230	8.42	≤11.00	PASS
11AC20SISO	Ant1	5180	9.23	≤11.00	PASS
		5200	8.29	≤11.00	PASS
		5240	8.13	≤11.00	PASS
11AC40SISO	Ant1	5190	7.74	≤11.00	PASS
		5230	7.49	≤11.00	PASS
11AC80SISO	Ant1	5210	5.3	≤11.00	PASS
11AX20SISO	Ant1	5180	6.88	≤11.00	PASS
		5200	8.71	≤11.00	PASS
		5240	7.89	≤11.00	PASS
11AX40SISO	Ant1	5190	4.7	≤11.00	PASS
		5230	4.41	≤11.00	PASS
11AX80SISO	Ant1	5210	1.81	≤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_Ant1_5180



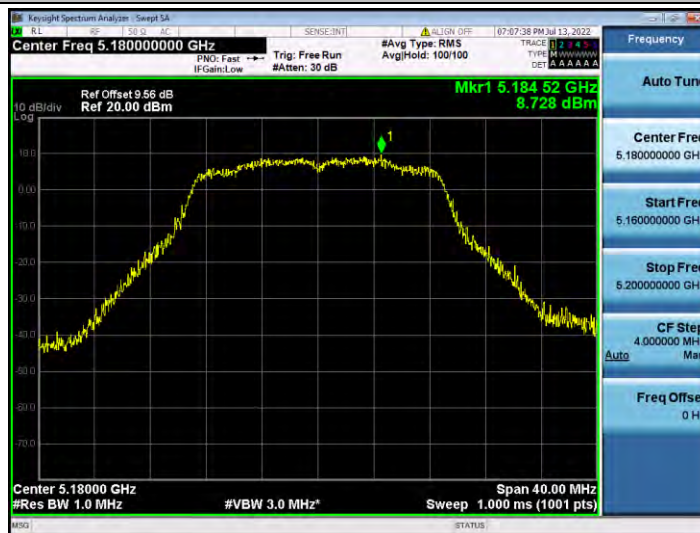
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



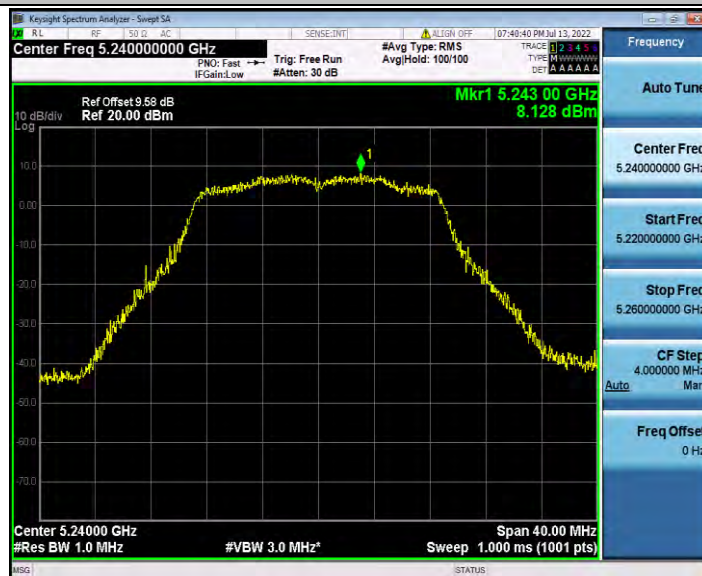
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



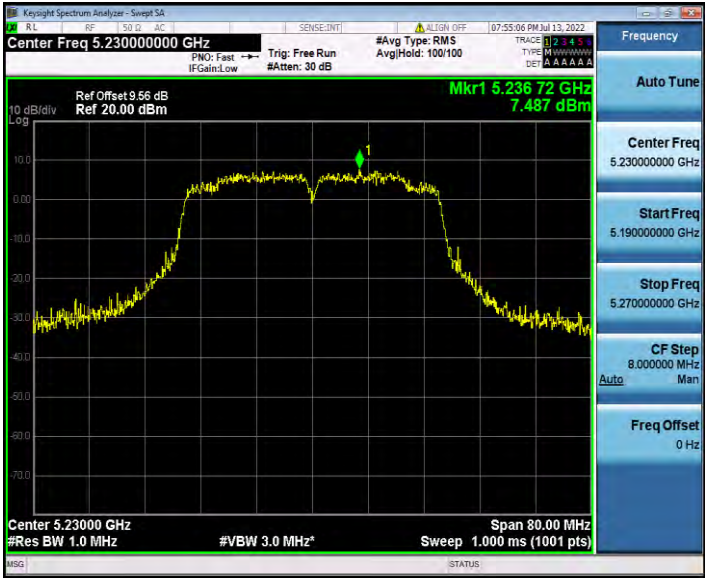
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



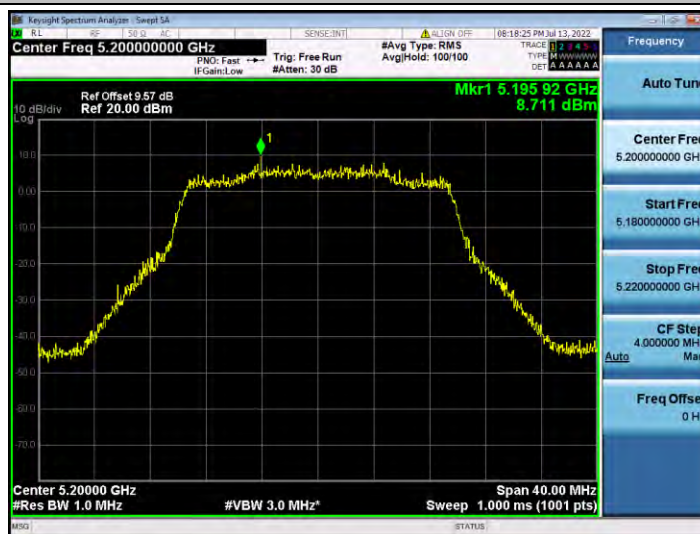
11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



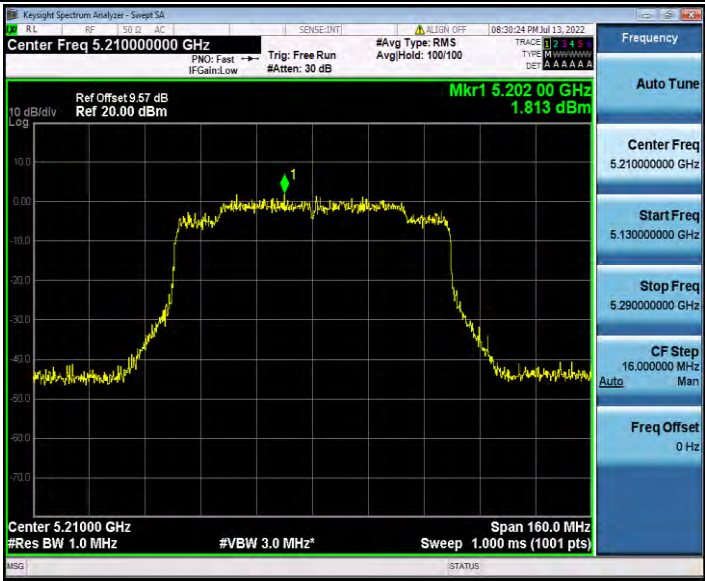
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



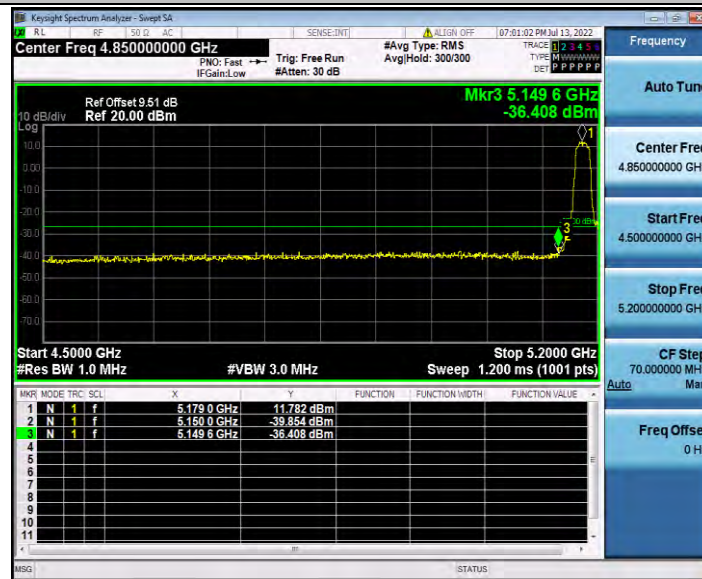
Appendix D.6: Band edge measurements

Test Result B1

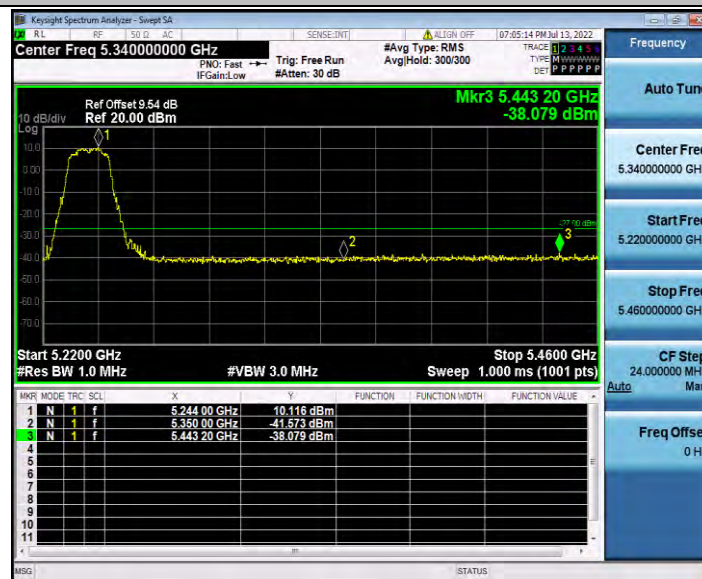
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.41	≤-27	PASS
		High	5240	-38.08	≤-27	PASS
11N20SISO	Ant1	Low	5180	-37.23	≤-27	PASS
		High	5240	-37.48	≤-27	PASS
11N40SISO	Ant1	Low	5190	-28.05	≤-27	PASS
		High	5230	-38.17	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-38.08	≤-27	PASS
		High	5240	-37.97	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-28.04	≤-27	PASS
		High	5230	-37.4	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-37.28	≤-27	PASS
		High	5210	-37.24	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-37.7	≤-27	PASS
		High	5240	-38.22	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-37.48	≤-27	PASS
		High	5230	-37.93	≤-27	PASS
11AX80SISO	Ant1	Low	5210	-37.11	≤-27	PASS
		High	5210	-37.98	≤-27	PASS

Test Graphs B1

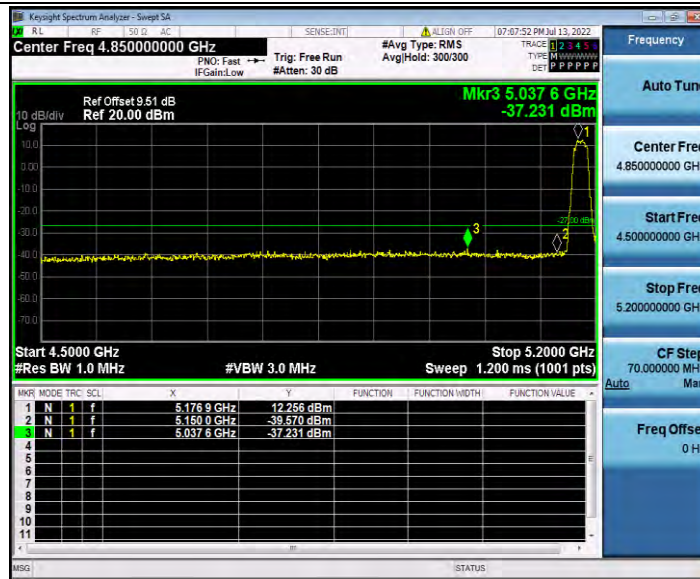
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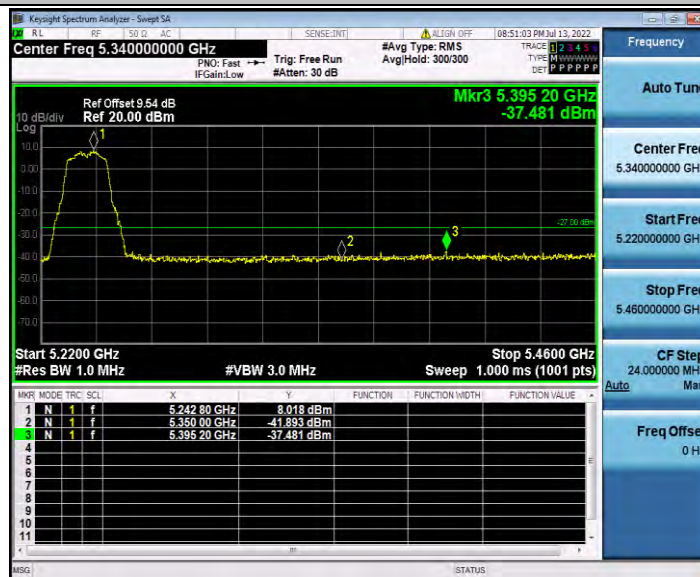
11A_Ant1_High_5240



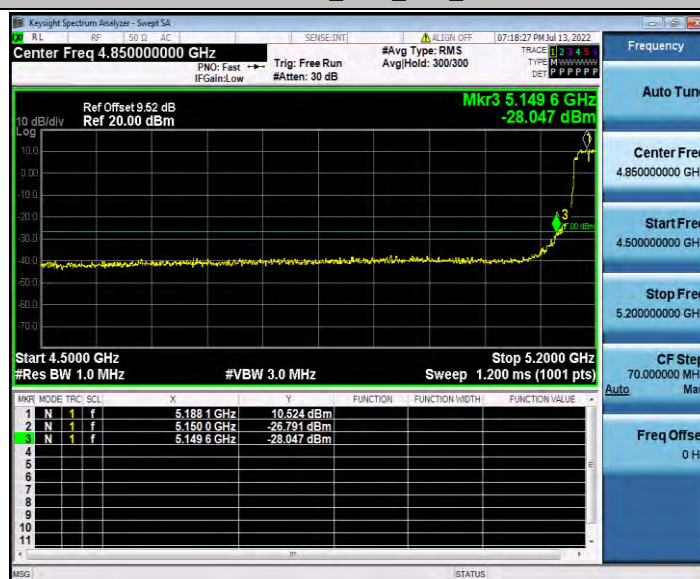
11N20SISO_Ant1_Low_5180



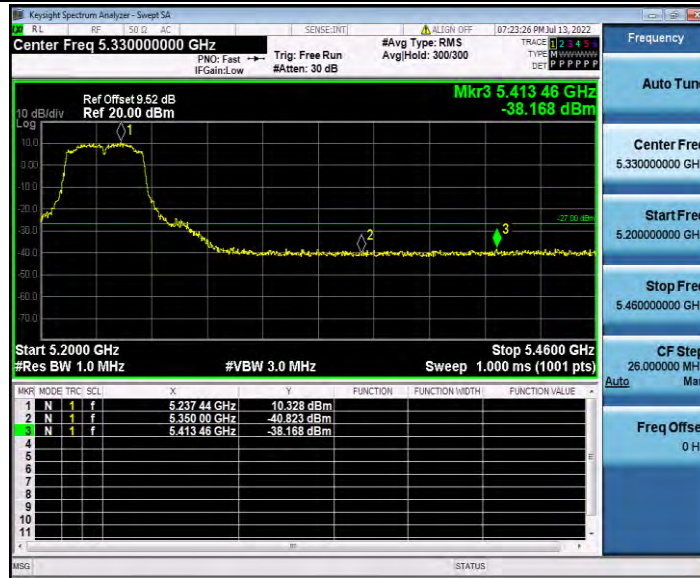
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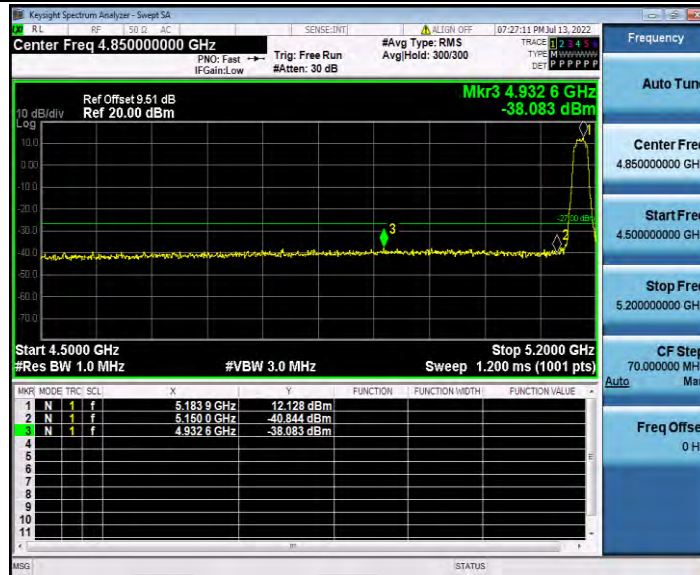
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



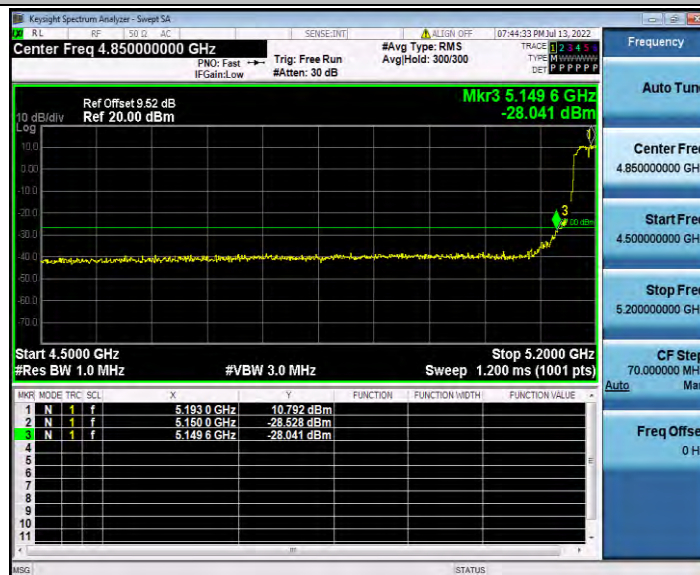
11AC20SISO_Ant1_Low_5180



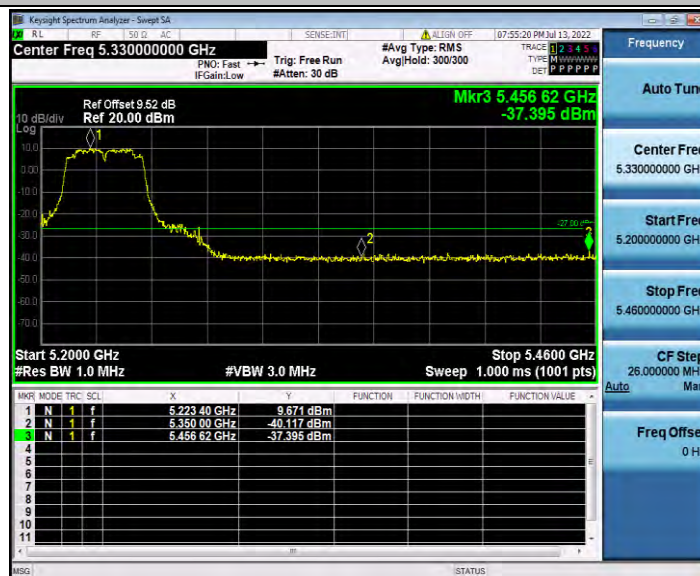
11AC20SISO_Ant1_High_5240



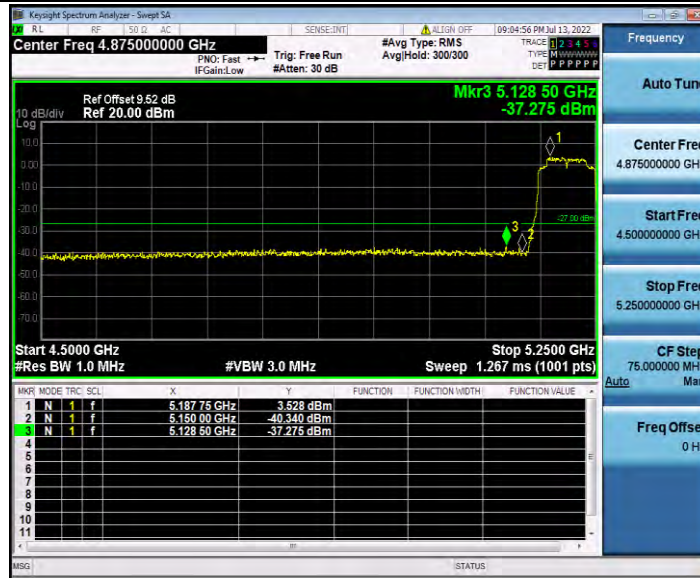
11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



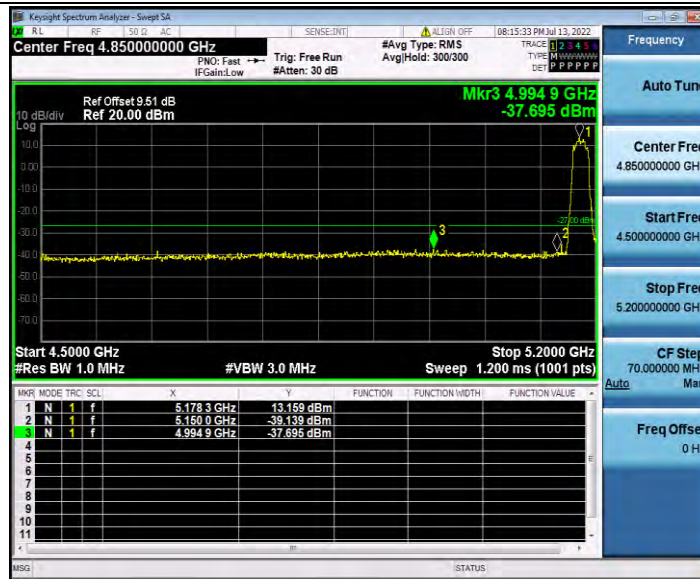
11AC80SISO_Ant1_Low_5210



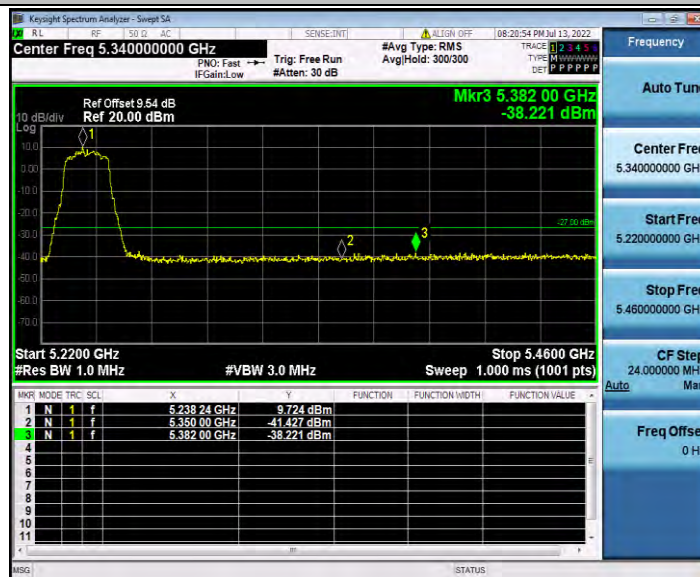
11AC80SISO_Ant1_High_5210



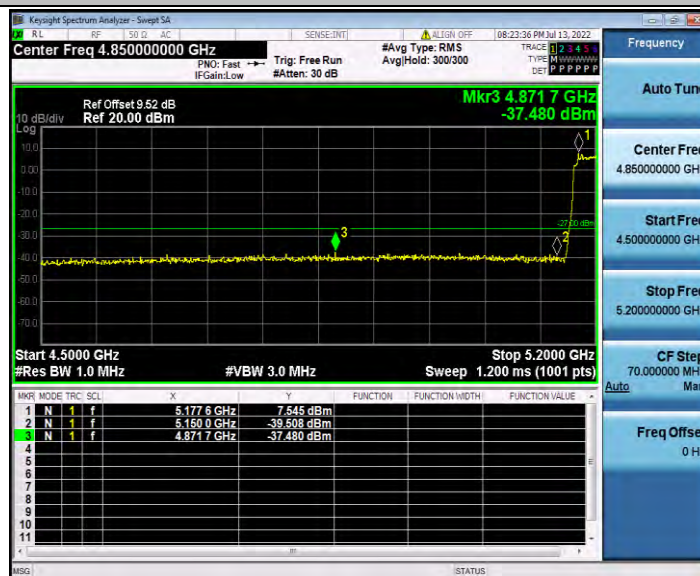
11AX20SISO_Ant1_Low_5180



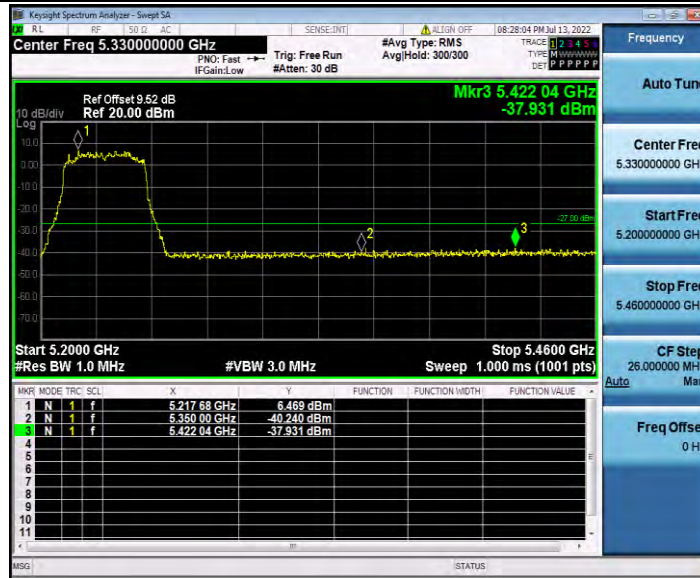
11AX20SISO_Ant1_High_5240



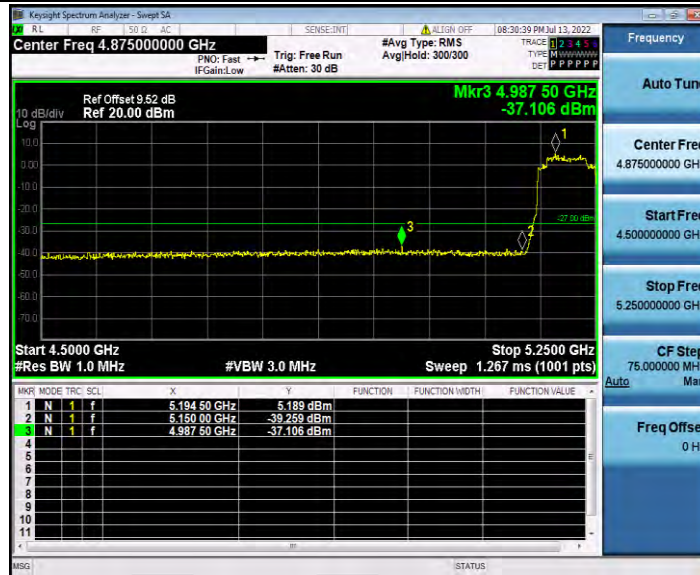
11AX40SISO_Ant1_Low_5190



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	5137.27	-46.72	≤-27	PASS
			5360~40000	24227.19	-38.16	≤-27	PASS
		5200	30~5140	5092.14	-46.57	≤-27	PASS
			5360~40000	24245.95	-38.66	≤-27	PASS
		5240	30~5140	4949.4	-47.39	≤-27	PASS
			5360~40000	26500.12	-38.19	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5131.65	-46.14	≤-27	PASS
			5360~40000	24262.54	-37.63	≤-27	PASS
		5200	30~5140	4965.58	-46.75	≤-27	PASS
			5360~40000	24218.54	-38.27	≤-27	PASS
		5240	30~5140	2688.9	-45.93	≤-27	PASS
			5360~40000	24240.18	-37	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5133.36	-36.24	≤-27	PASS
			5360~40000	26907.67	-37.54	≤-27	PASS
		5230	30~5140	5129.95	-45.72	≤-27	PASS
			5360~40000	24774.69	-38.38	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5135.06	-46.3	≤-27	PASS
			5360~40000	25612.88	-37.72	≤-27	PASS
		5200	30~5140	833.12	-45.51	≤-27	PASS
			5360~40000	24261.82	-38.15	≤-27	PASS
		5240	30~5140	4904.6	-46.62	≤-27	PASS
			5360~40000	26044.23	-38.1	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5137.79	-34.23	≤-27	PASS
			5360~40000	25628.75	-38	≤-27	PASS
		5230	30~5140	5132.85	-44.29	≤-27	PASS
			5360~40000	24267.59	-38.38	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5137.1	-29.63	≤-27	PASS
			5360~40000	26962.49	-38.5	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	5038.31	-46.46	≤-27	PASS
			5360~40000	26491.46	-37.82	≤-27	PASS
		5200	30~5140	2649.73	-47.03	≤-27	PASS
			5360~40000	24809.31	-38.51	≤-27	PASS
		5240	30~5140	2652.96	-46.85	≤-27	PASS
			5360~40000	24300.05	-37.39	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	3190.02	-46.18	≤-27	PASS

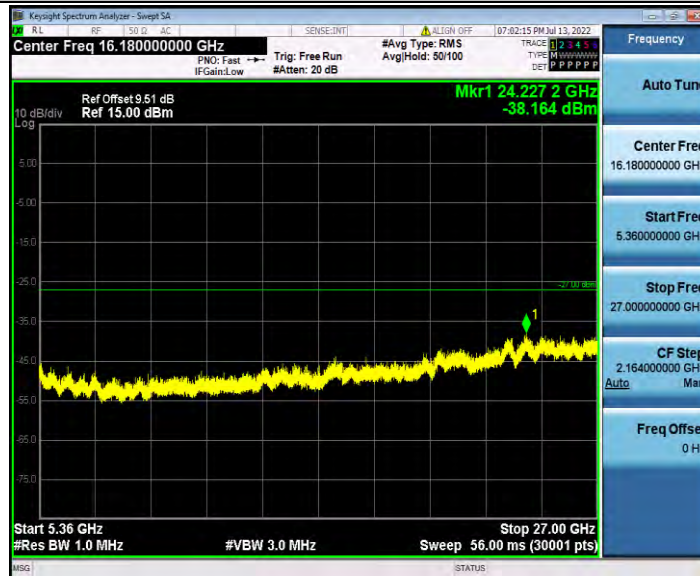
			5360~40000	24298.61	-38.18	≤-27	PASS
		5230	30~5140	2545.14	-46.59	≤-27	PASS
			5360~40000	24872.79	-38.25	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5097.76	-45.92	≤-27	PASS
			5360~40000	25557.33	-37.2	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~40000



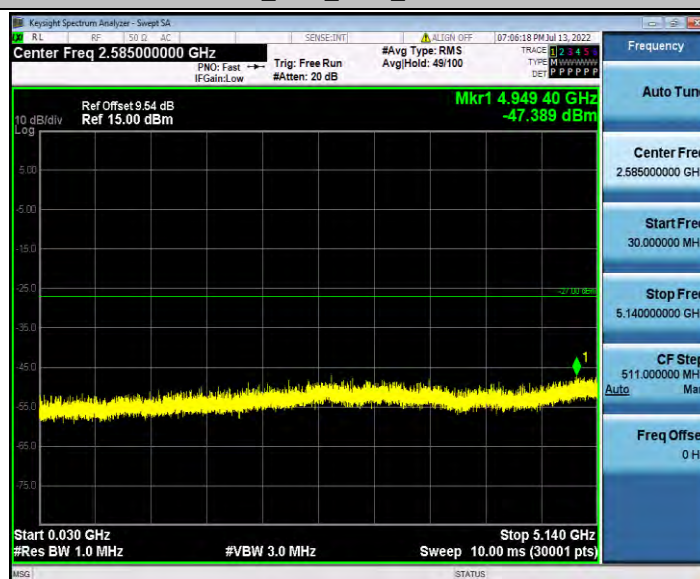
11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~40000



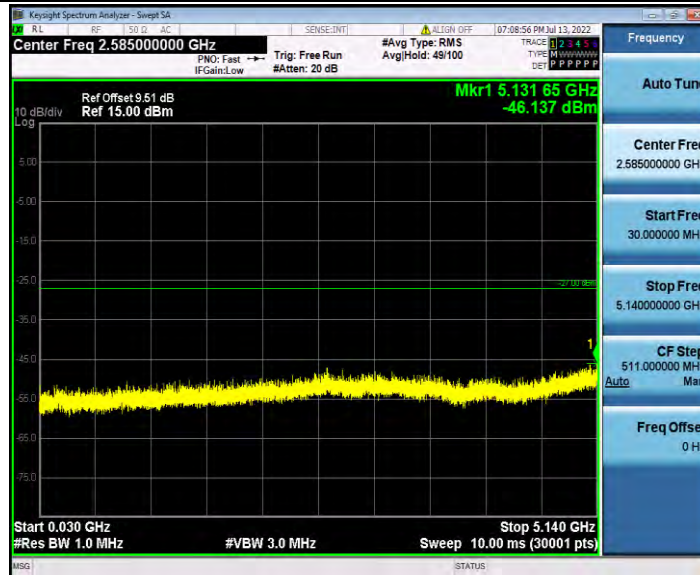
11A_Ant1_5240_30~5140



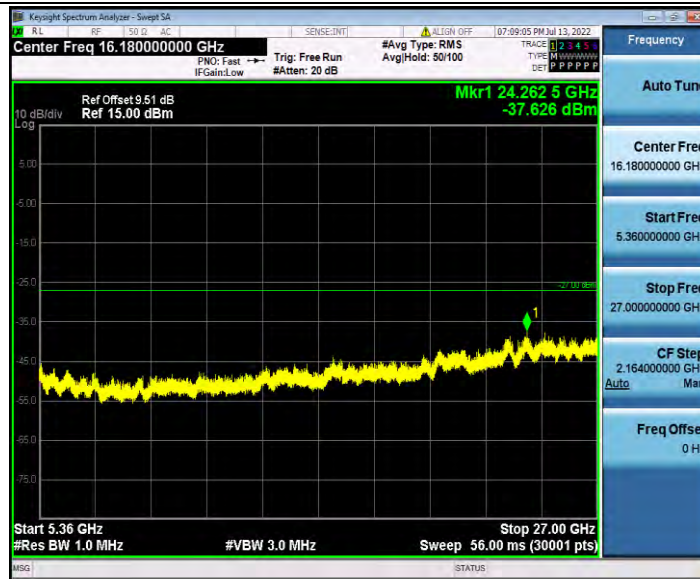
11A_Ant1_5240_5360~40000



11N20SISO_Ant1_5180_30~5140



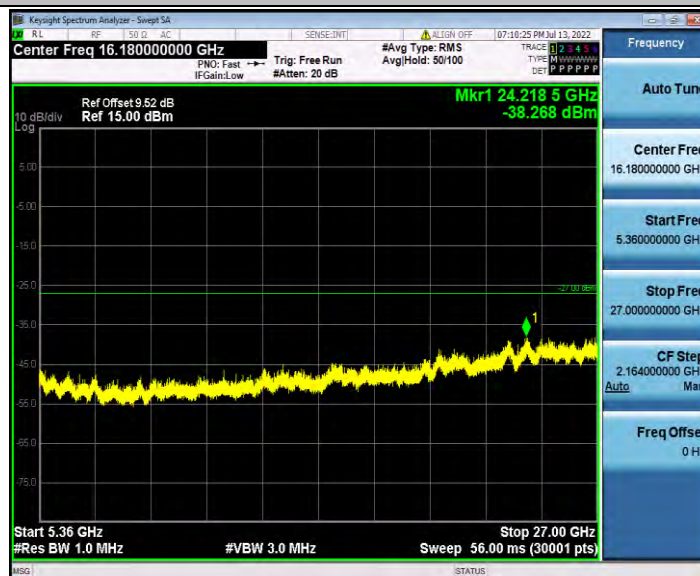
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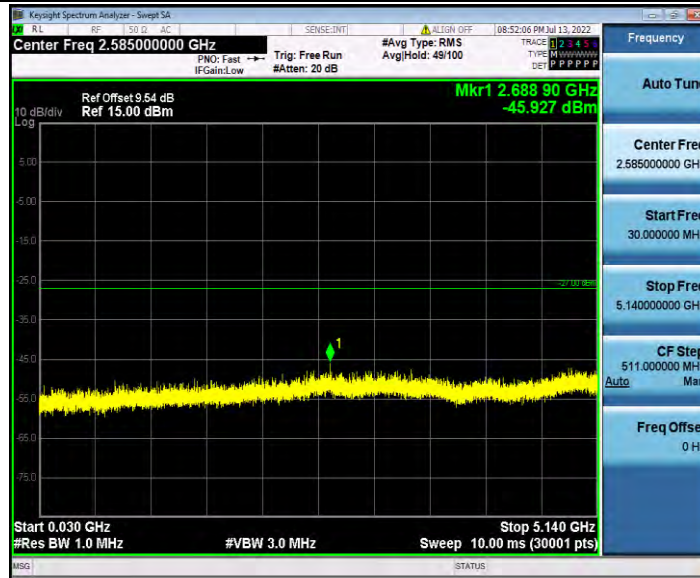
11N20SISO_Ant1_5200_30~5140



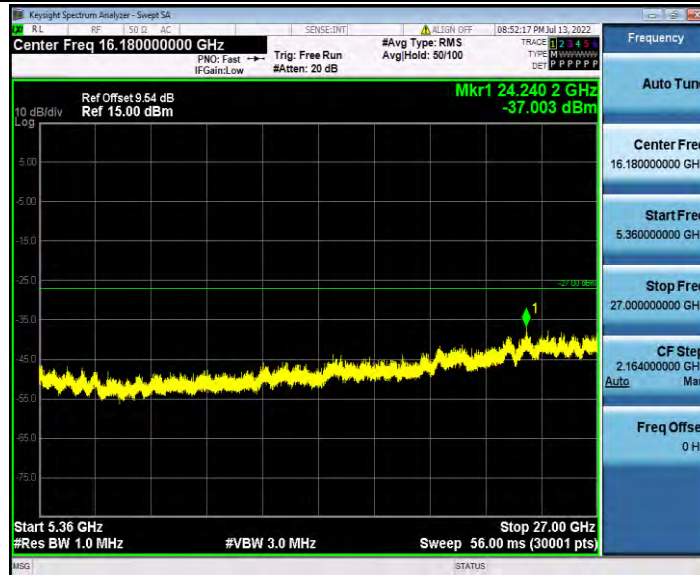
11N20SISO_Ant1_5200_5360~40000



11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~40000



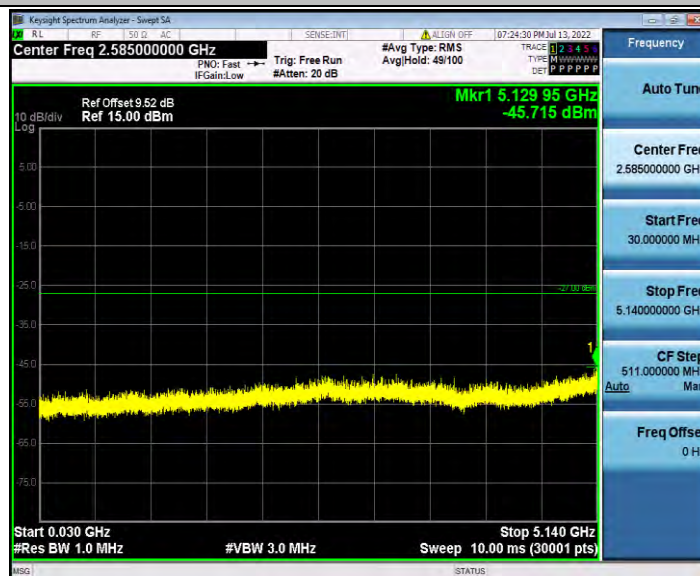
11N40SISO_Ant1_5190_30~5140



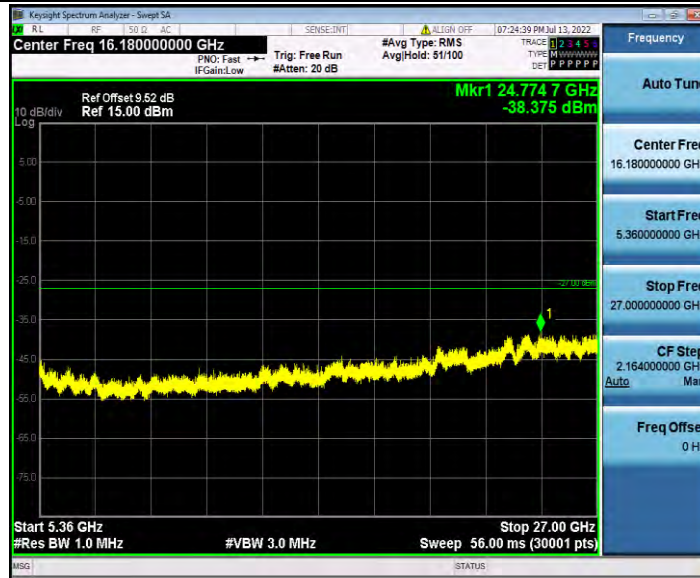
11N40SISO_Ant1_5190_5360~40000



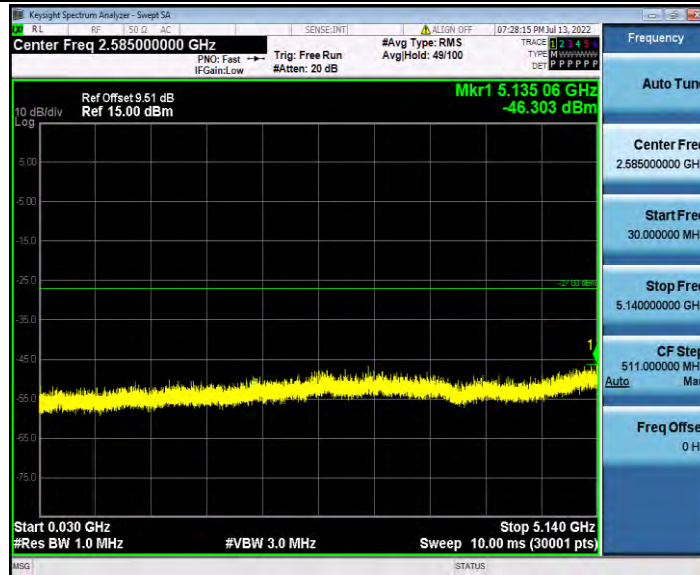
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



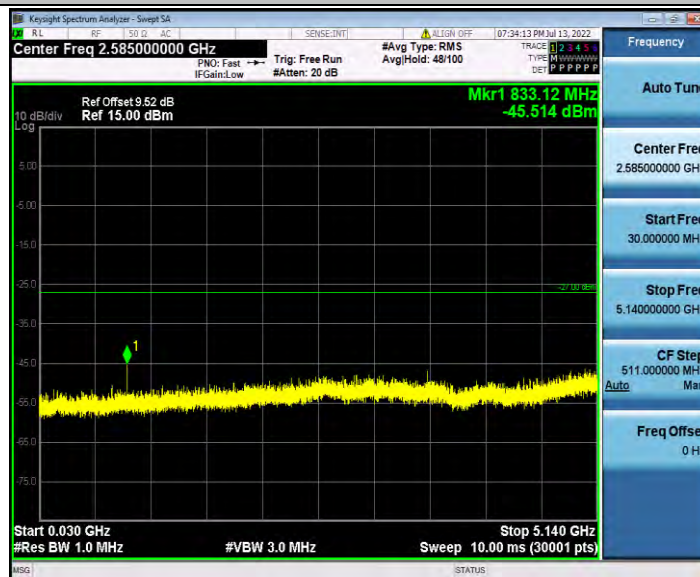
11AC20SISO_Ant1_5180_30~5140



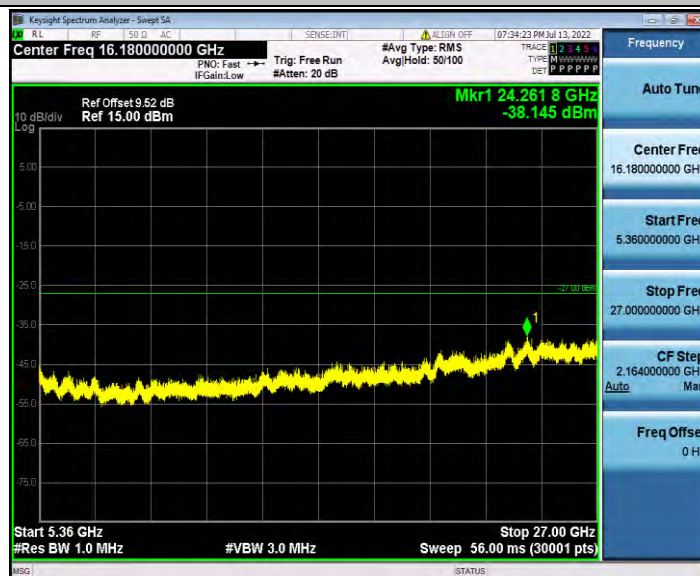
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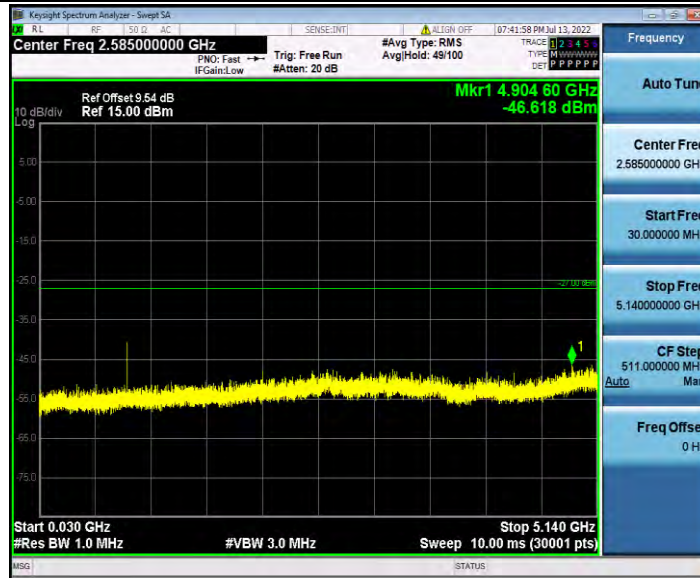
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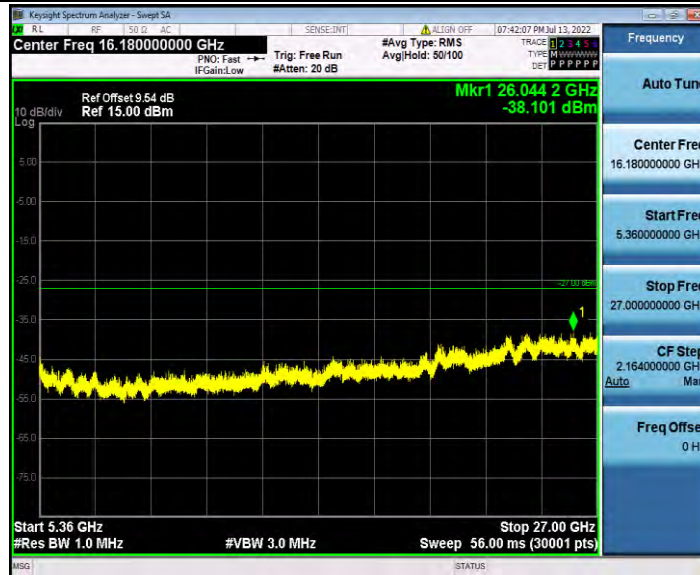
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11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



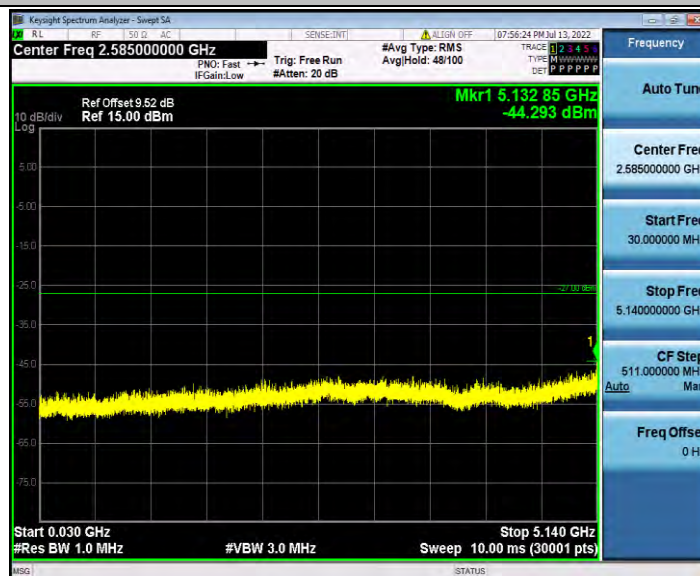
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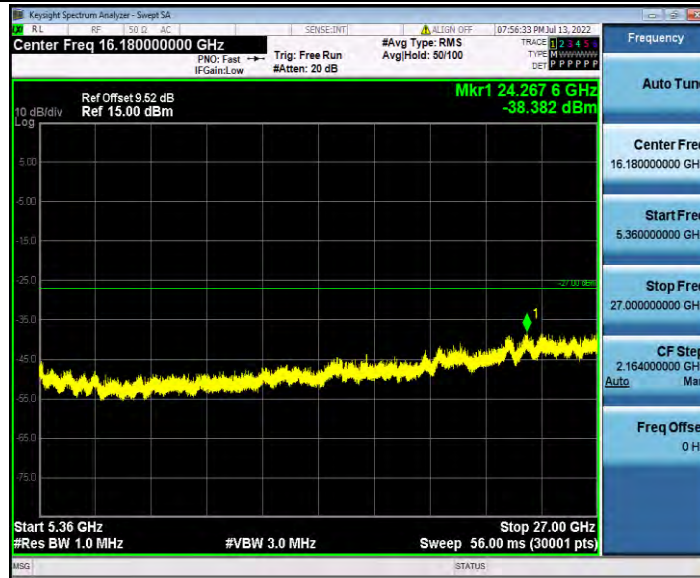
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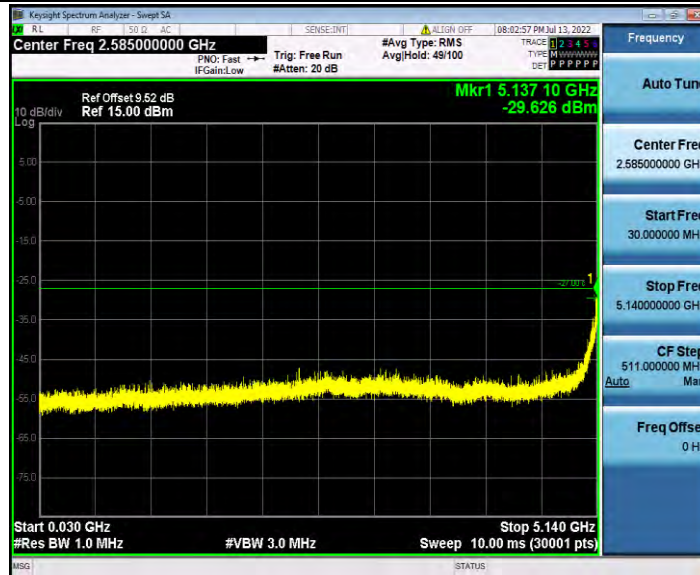
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



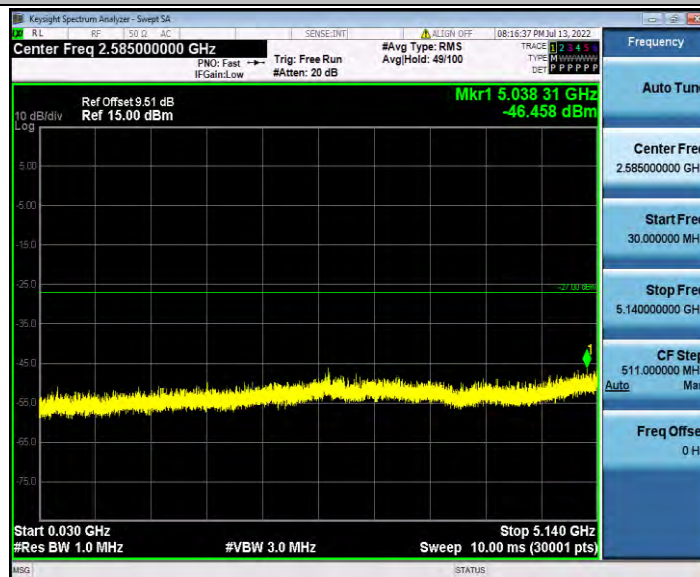
11AC80SISO_Ant1_5210_30~5140



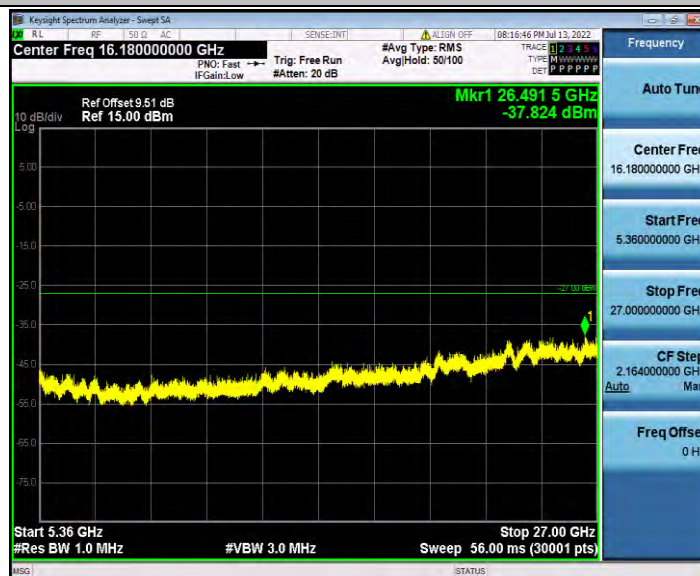
11AC80SISO_Ant1_5210_5360~40000



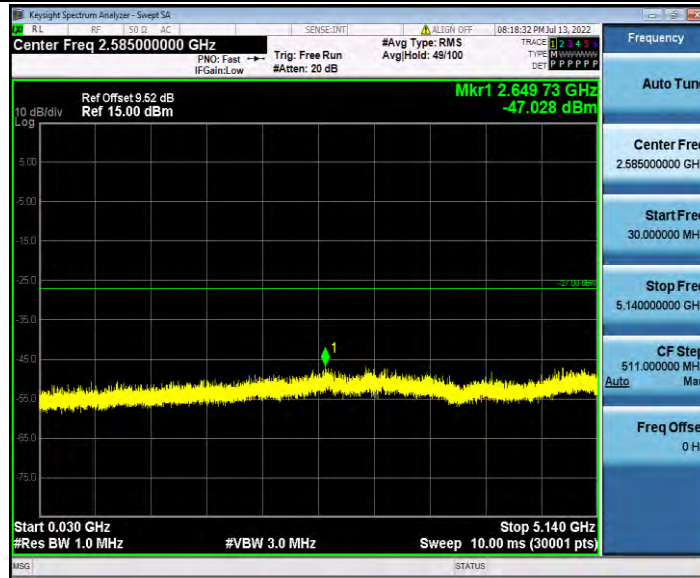
11AX20SISO_Ant1_5180_30~5140



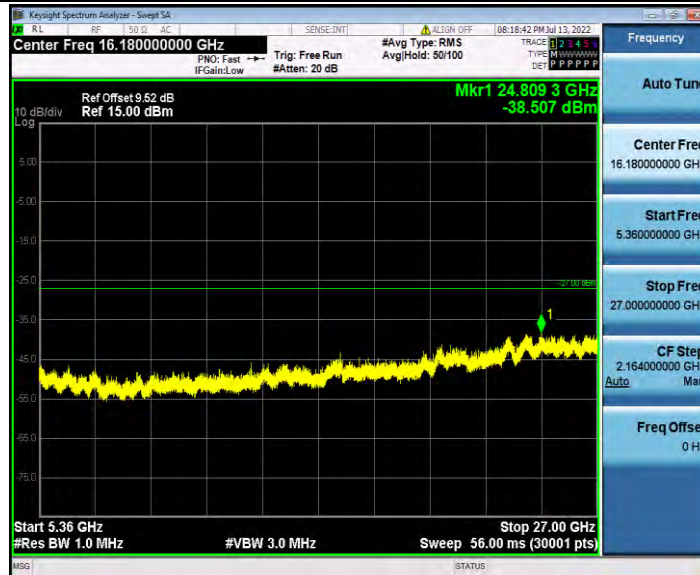
11AX20SISO_Ant1_5180_5360~40000



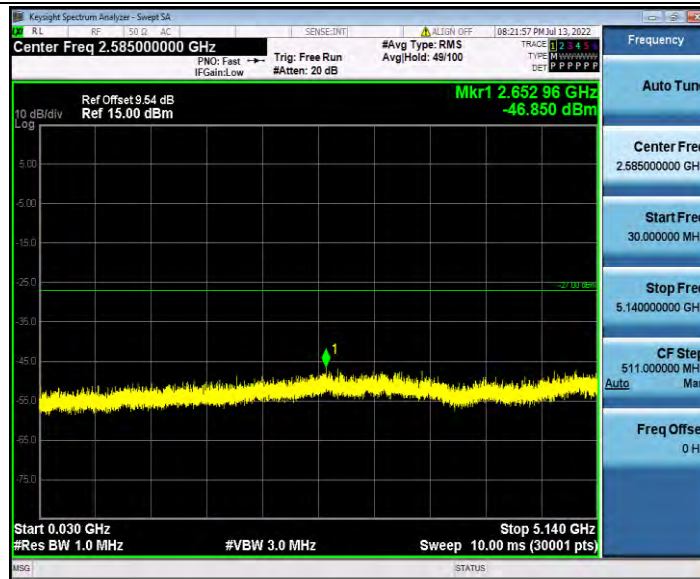
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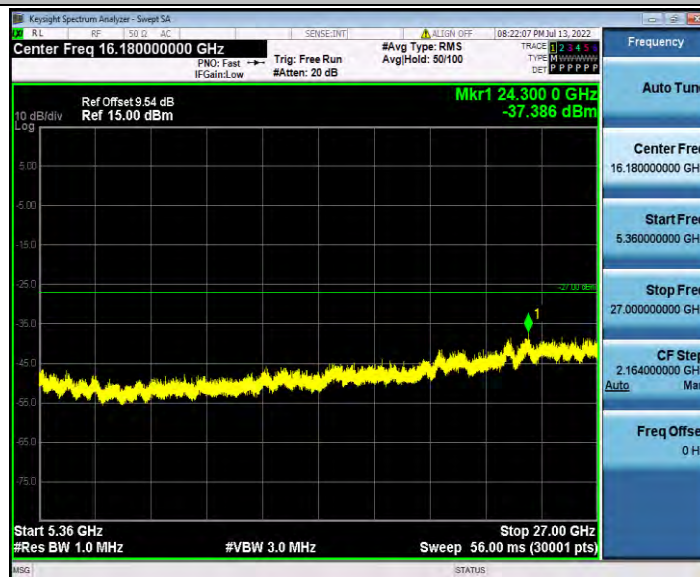
11AX20SISO_Ant1_5200_5360~40000



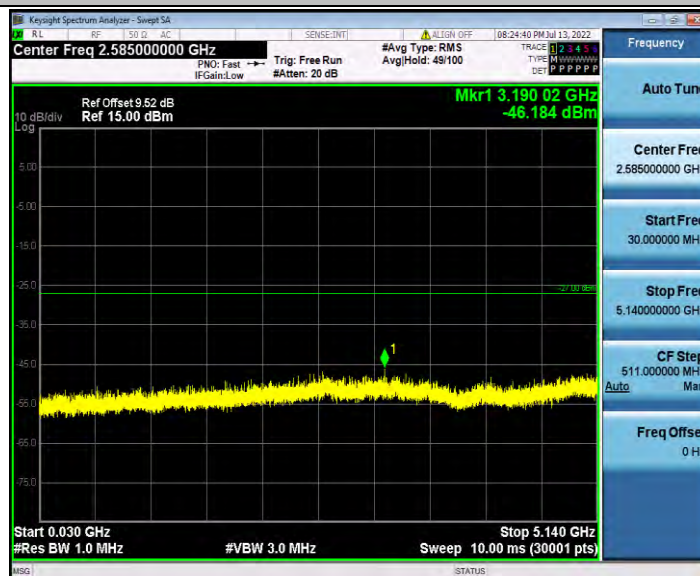
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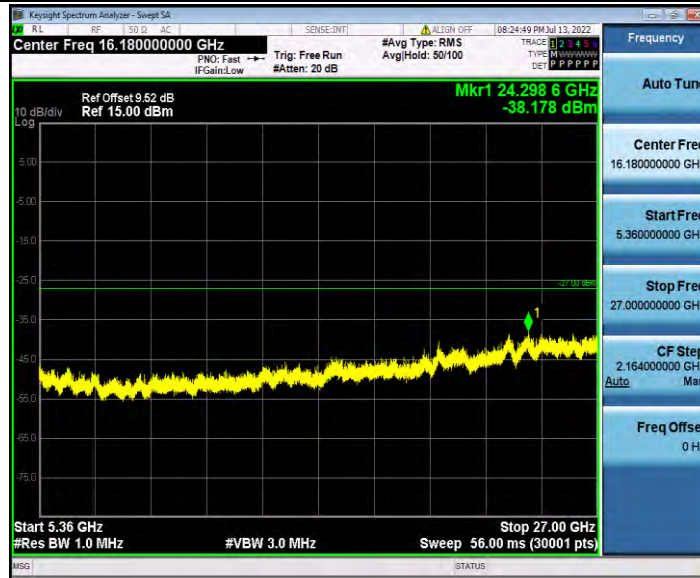
11AX20SISO_Ant1_5240_5360~40000



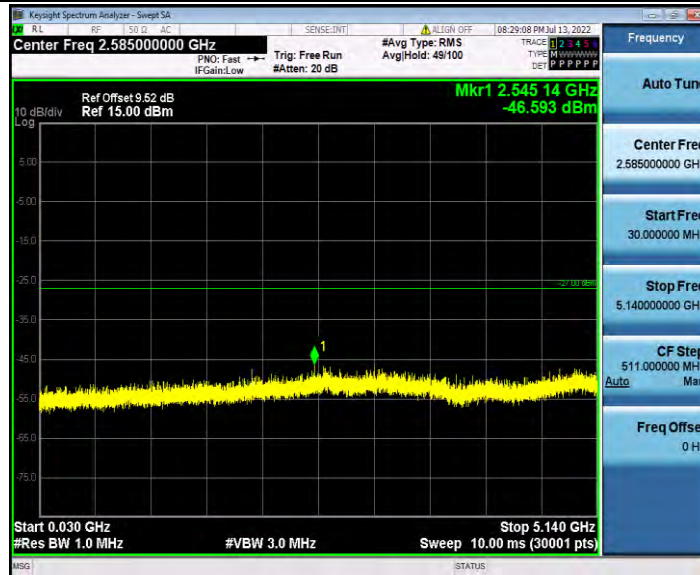
11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000



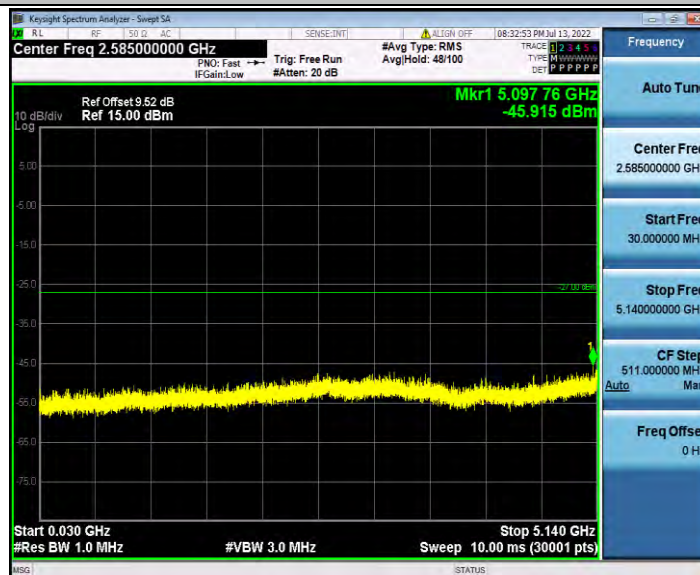
11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~40000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~40000

