

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	11.93	98.88	0.05	11.98	≤23.98	PASS
		5200	12.32	98.88	0.05	12.37	≤23.98	PASS
		5240	11.84	99.00	0.04	11.88	≤23.98	PASS
11N20SISO	Ant1	5180	12.26	98.88	0.05	12.31	≤23.98	PASS
		5200	12.48	99.00	0.04	12.52	≤23.98	PASS
		5240	11.89	98.88	0.05	11.94	≤23.98	PASS
11N40SISO	Ant1	5190	12.45	99.00	0.04	12.49	≤23.98	PASS
		5230	12.35	98.88	0.05	12.40	≤23.98	PASS
11AC20SISO	Ant1	5180	12.05	98.88	0.05	12.10	≤23.98	PASS
		5200	13.52	98.88	0.05	13.57	≤23.98	PASS
		5240	11.90	99.00	0.04	11.94	≤23.98	PASS
11AC40SISO	Ant1	5190	12.41	99.00	0.04	12.45	≤23.98	PASS
		5230	12.33	98.88	0.05	12.38	≤23.98	PASS
11AC80SISO	Ant1	5210	12.54	98.88	0.05	12.59	≤23.98	PASS
11AX20SISO	Ant1	5180	8.82	87.88	0.56	9.38	≤23.98	PASS
		5200	8.84	88.24	0.54	9.38	≤23.98	PASS
		5240	8.94	87.88	0.56	9.50	≤23.98	PASS
11AX40SISO	Ant1	5190	8.48	88.24	0.54	9.02	≤23.98	PASS
		5230	8.60	87.88	0.56	9.16	≤23.98	PASS
11AX80SISO	Ant1	5210	8.53	88.24	0.54	9.07	≤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	4.01	≤11.00	PASS
		5200	3.7	≤11.00	PASS
		5240	2.74	≤11.00	PASS
11N20SISO	Ant1	5180	2.72	≤11.00	PASS
		5200	3.04	≤11.00	PASS
		5240	2.03	≤11.00	PASS
11N40SISO	Ant1	5190	-0.29	≤11.00	PASS
		5230	-0.41	≤11.00	PASS
11AC20SISO	Ant1	5180	2.37	≤11.00	PASS
		5200	3.19	≤11.00	PASS
		5240	2.42	≤11.00	PASS
11AC40SISO	Ant1	5190	0.25	≤11.00	PASS
		5230	-0.47	≤11.00	PASS
11AC80SISO	Ant1	5210	-3.03	≤11.00	PASS
11AX20SISO	Ant1	5180	5.47	≤11.00	PASS
		5200	7.43	≤11.00	PASS
		5240	6.18	≤11.00	PASS
11AX40SISO	Ant1	5190	3.63	≤11.00	PASS
		5230	2.59	≤11.00	PASS
11AX80SISO	Ant1	5210	0.01	≤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



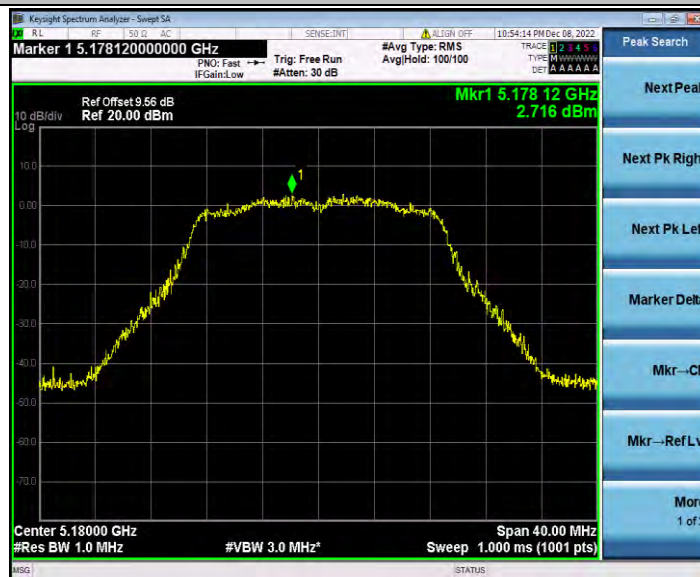
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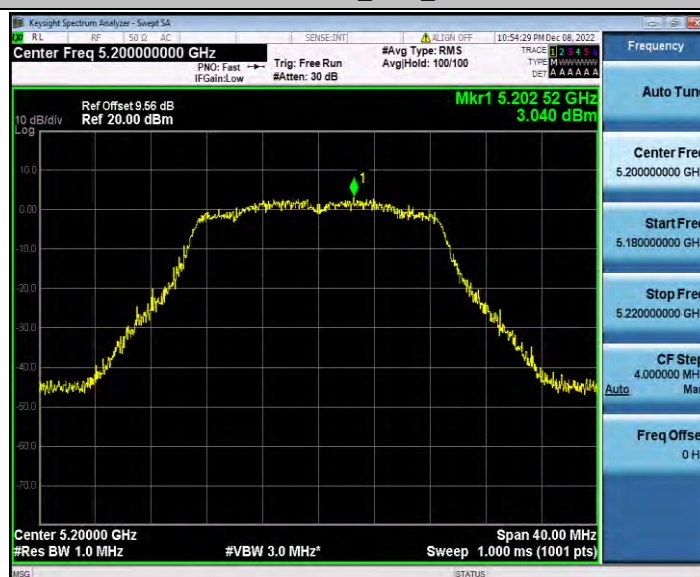
11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



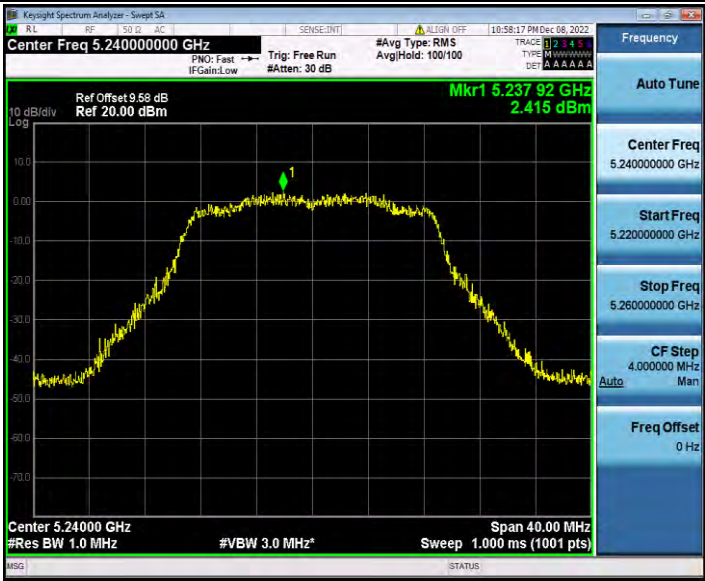
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



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



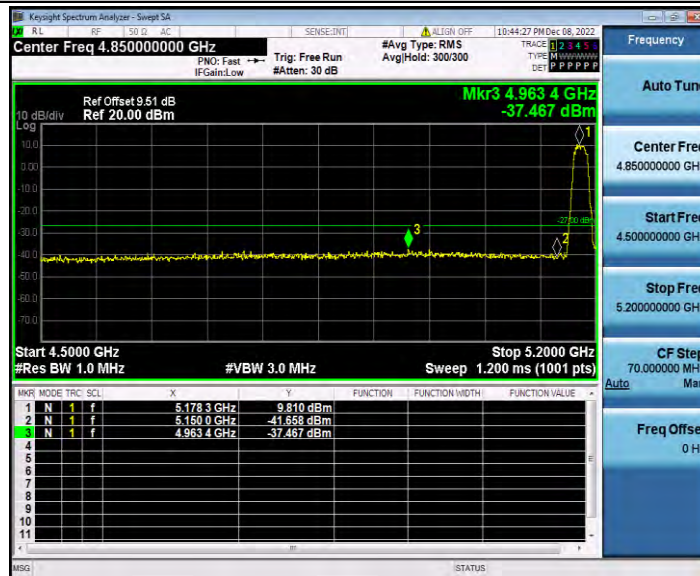
Appendix D.6: Band edge measurements

Test Result B1

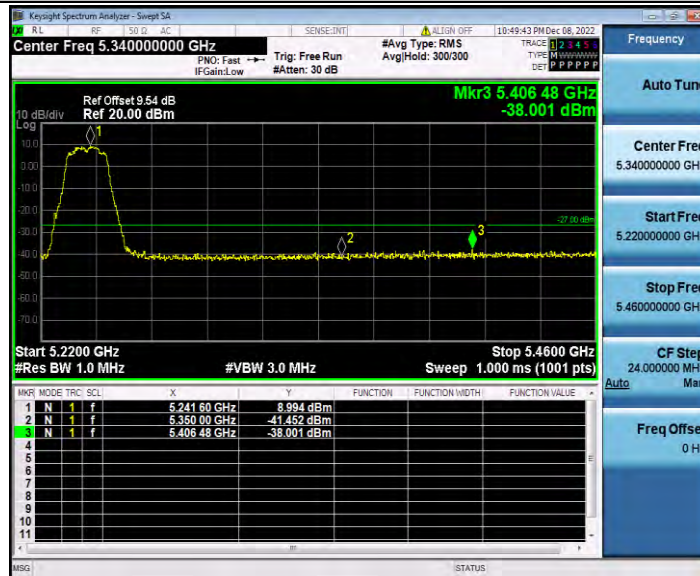
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.47	≤-27	PASS
		High	5240	-38	≤-27	PASS
11N20SISO	Ant1	Low	5180	-37.8	≤-27	PASS
		High	5240	-37.51	≤-27	PASS
11N40SISO	Ant1	Low	5190	-37.98	≤-27	PASS
		High	5230	-38.74	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-37.24	≤-27	PASS
		High	5240	-37.87	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-37.28	≤-27	PASS
		High	5230	-37.44	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-38.11	≤-27	PASS
		High	5210	-38.01	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-37.22	≤-27	PASS
		High	5240	-37.19	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-37.05	≤-27	PASS
		High	5230	-37.76	≤-27	PASS
11AX80SISO	Ant1	Low	5210	-37.32	≤-27	PASS
		High	5210	-38.23	≤-27	PASS

Test Graphs B1

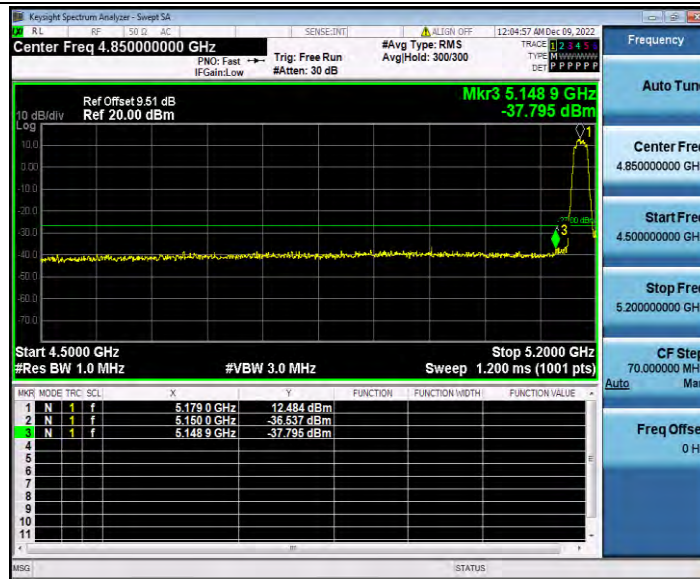
11A_Ant1_Low_5180



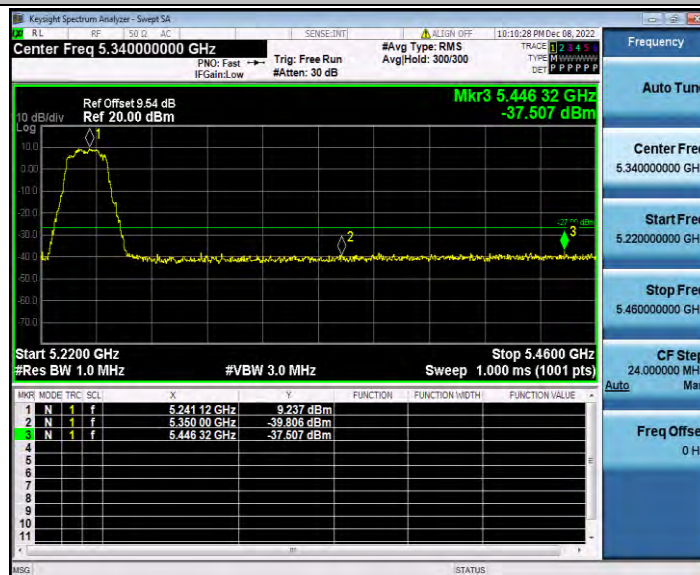
11A_Ant1_High_5240



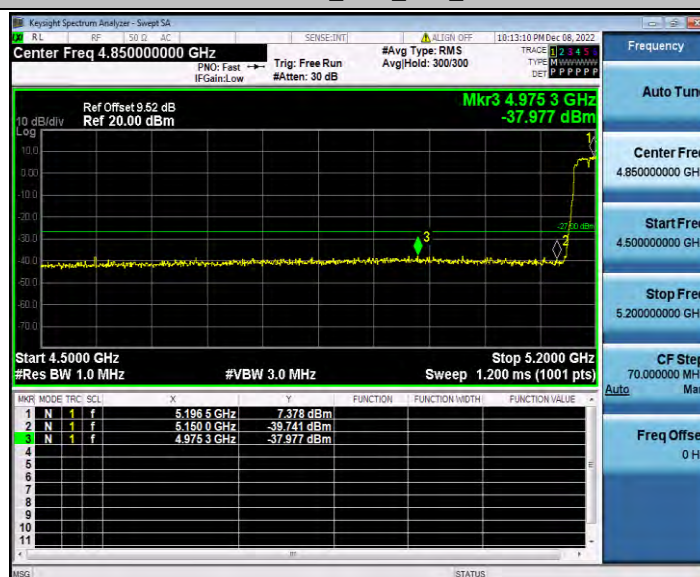
11N20SISO_Ant1_Low_5180



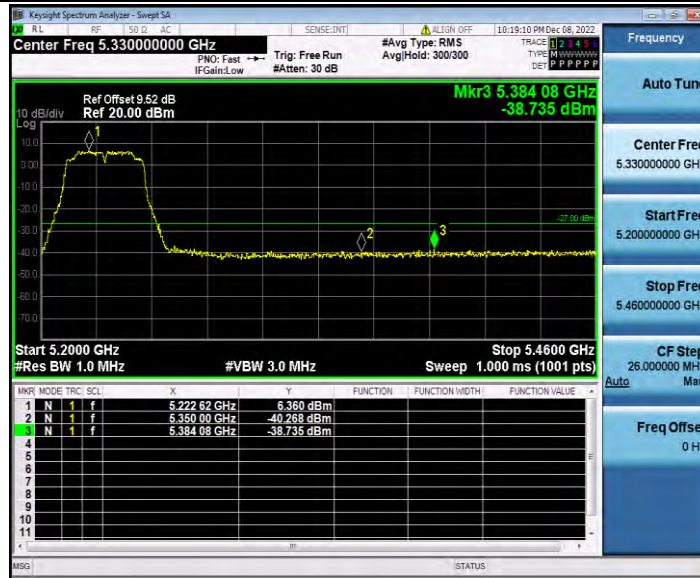
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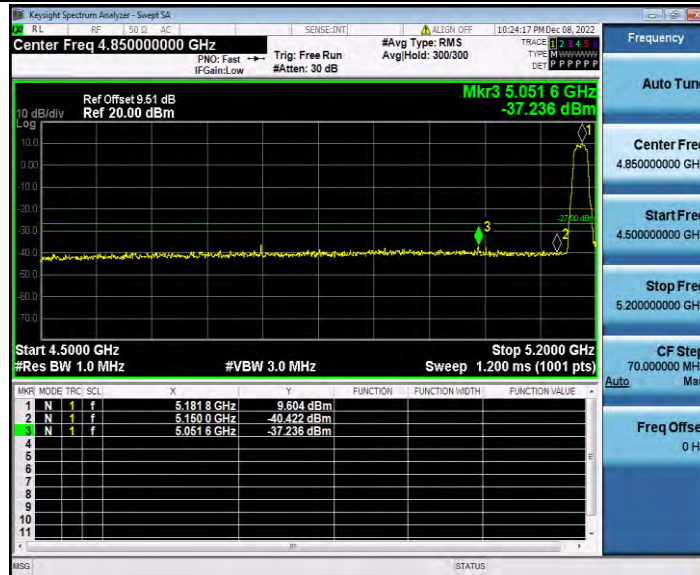
11N40SISO_Ant1_Low_5190



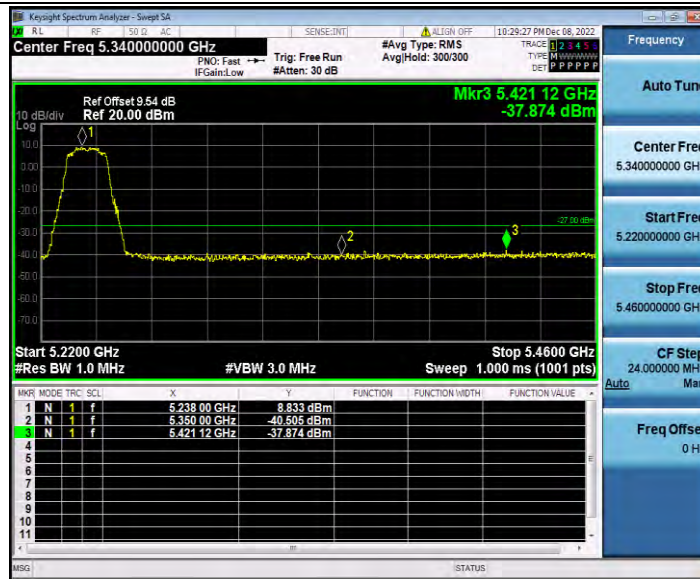
11N40SISO_Ant1_High_5230



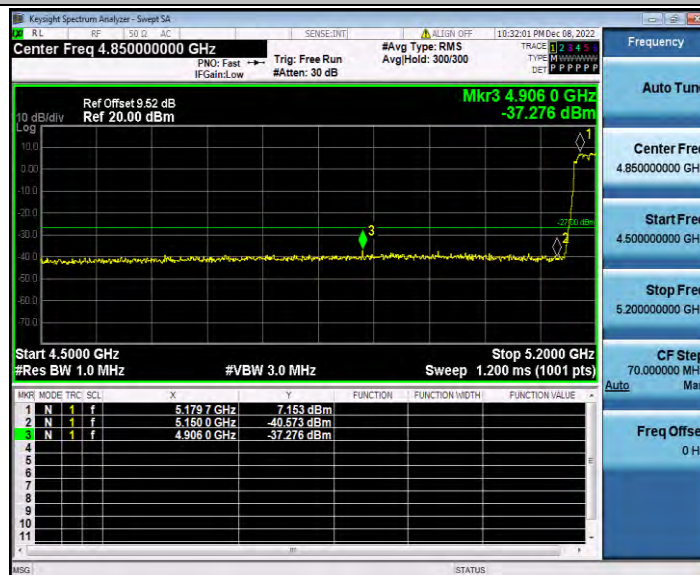
11AC20SISO_Ant1_Low_5180



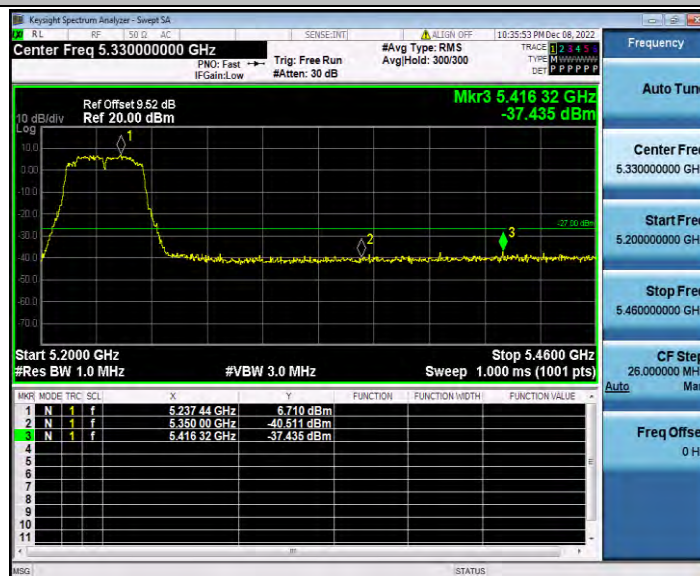
11AC20SISO_Ant1_High_5240



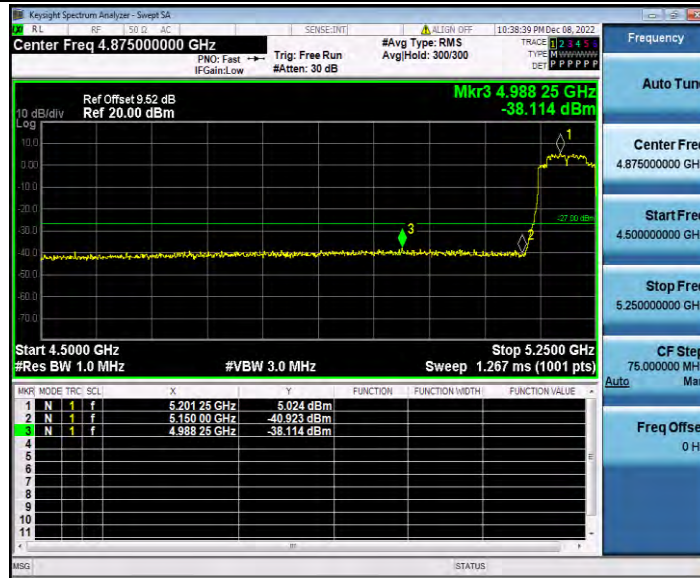
11AC40SISO_Ant1_Low_5190



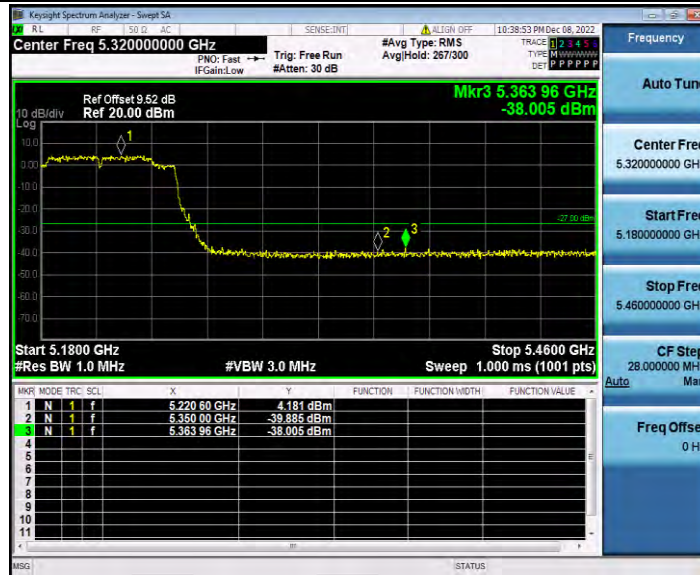
11AC40SISO_Ant1_High_5230



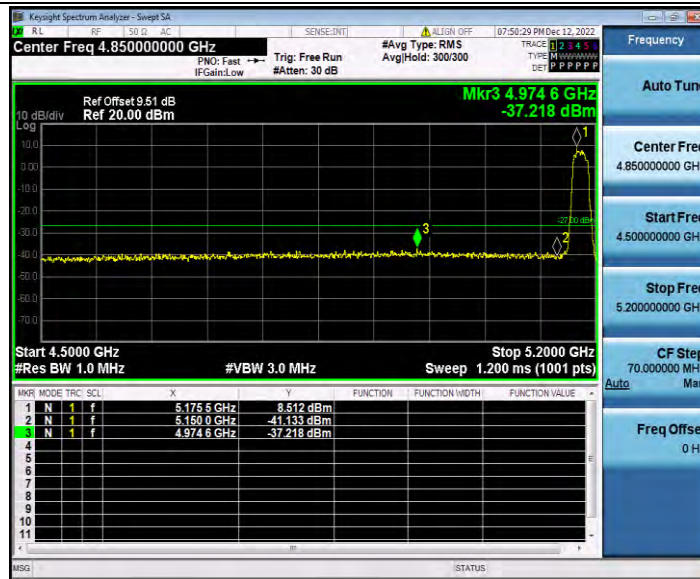
11AC80SISO_Ant1_Low_5210



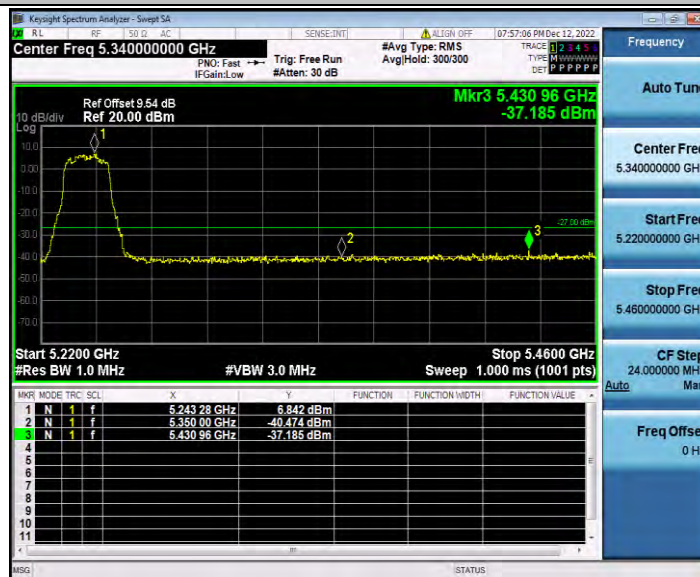
11AC80SISO_Ant1_High_5210



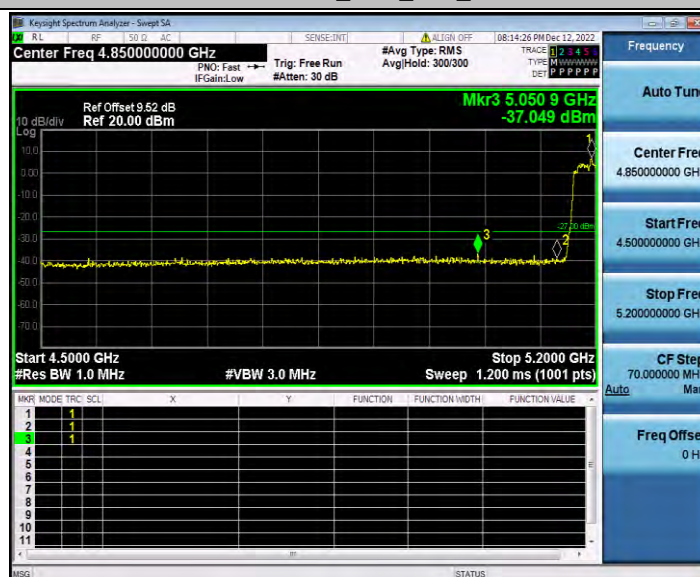
11AX20SISO_Ant1_Low_5180



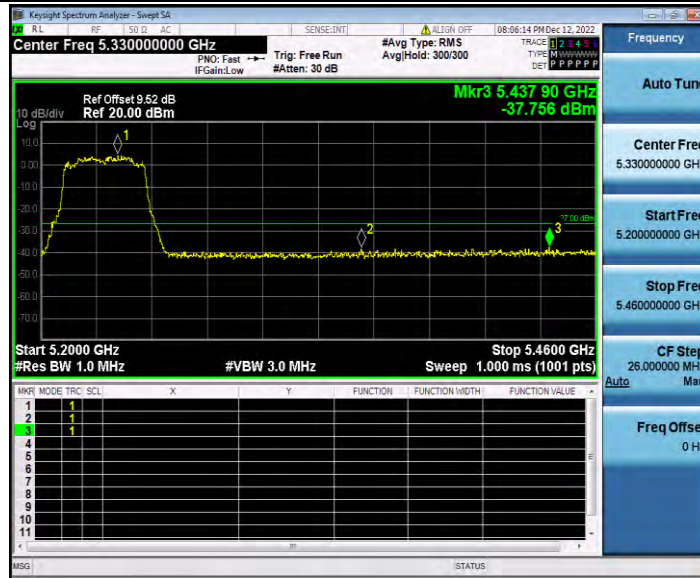
11AX20SISO_Ant1_High_5240



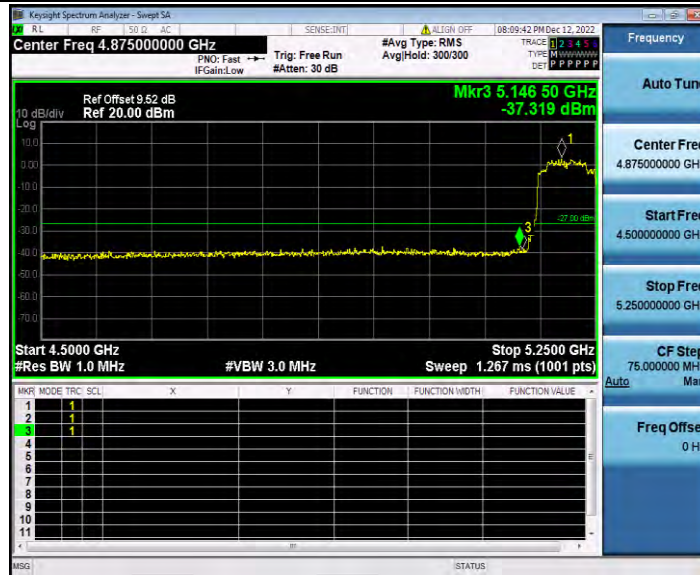
11AX40SISO_Ant1_Low_5190



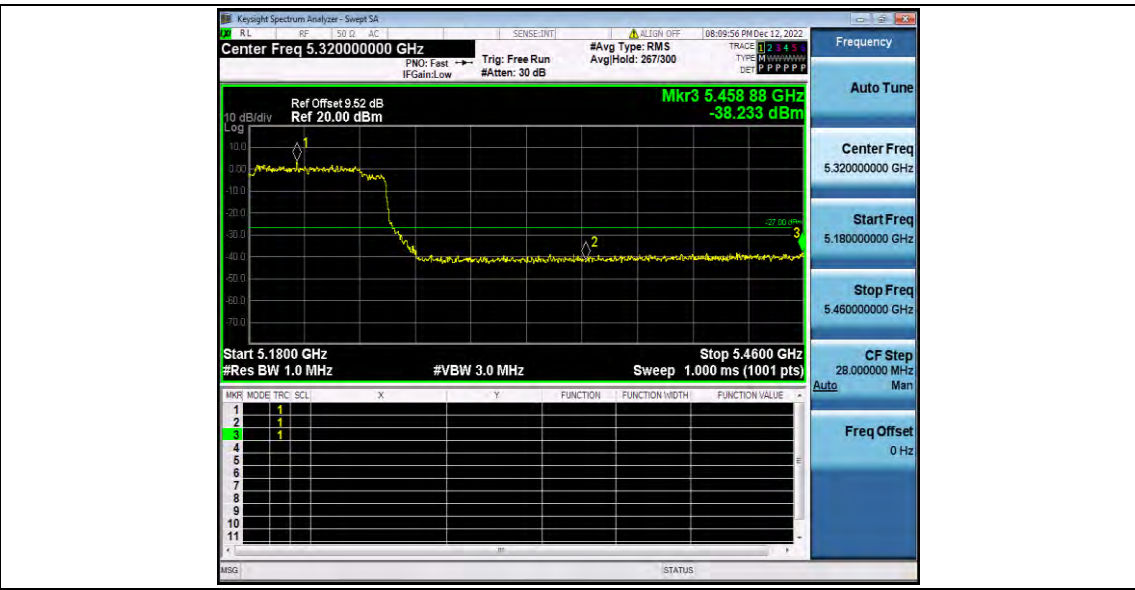
11AX40SISO_Ant1_High_5230



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	5139.15	-46.49	≤-27	PASS
			5360~40000	26933.64	-38.08	≤-27	PASS
		5200	30~5140	5014.46	-47.14	≤-27	PASS
			5360~40000	26956.72	-38.28	≤-27	PASS
		5240	30~5140	1737.93	-39.85	≤-27	PASS
			5360~40000	24271.92	-38.62	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5086.69	-46.08	≤-27	PASS
			5360~40000	23485.66	-38.66	≤-27	PASS
		5200	30~5140	3038.77	-47.06	≤-27	PASS
			5360~40000	26075.97	-39	≤-27	PASS
		5240	30~5140	2647	-46.46	≤-27	PASS
			5360~40000	23536.16	-38.61	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	3045.58	-46.98	≤-27	PASS
			5360~40000	23494.32	-38.43	≤-27	PASS
		5230	30~5140	4988.57	-47.14	≤-27	PASS
			5360~40000	26639.33	-38.3	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5008.33	-46.9	≤-27	PASS
			5360~40000	24190.41	-38.18	≤-27	PASS
		5200	30~5140	2658.41	-45.73	≤-27	PASS
			5360~40000	24218.54	-37.71	≤-27	PASS
		5240	30~5140	4876.49	-45.95	≤-27	PASS
			5360~40000	25036.53	-38.45	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	1747.64	-42.99	≤-27	PASS
			5360~40000	26453.23	-38.65	≤-27	PASS
		5230	30~5140	1738.27	-41	≤-27	PASS
			5360~40000	25261.59	-38.47	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	1738.44	-41.34	≤-27	PASS
			5360~40000	24810.75	-38.62	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	1744.58	-41.18	≤-27	PASS
			5360~40000	24195.46	-37.7	≤-27	PASS
		5200	30~5140	2521.81	-46.48	≤-27	PASS
			5360~40000	26052.89	-38.37	≤-27	PASS
		5240	30~5140	5033.88	-46.84	≤-27	PASS
			5360~40000	24170.21	-38.42	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5128.42	-46.51	≤-27	PASS

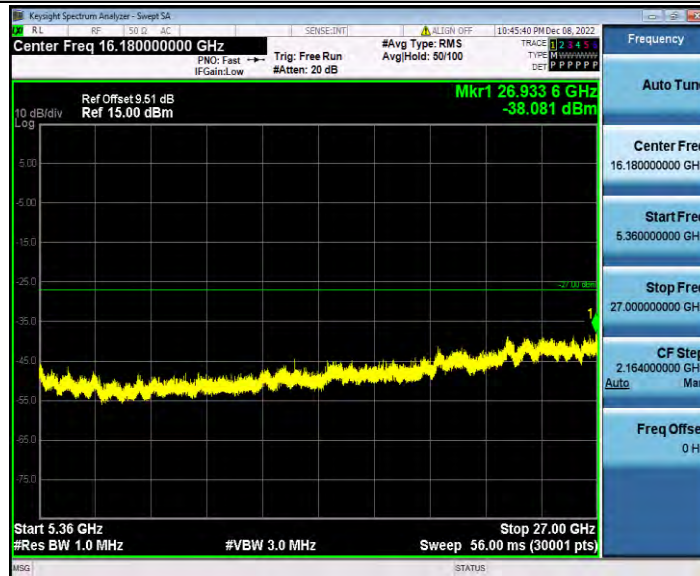
			5360~40000	24764.59	-37.88	≤-27	PASS
		5230	30~5140	4996.07	-46.74	≤-27	PASS
			5360~40000	23484.94	-37.83	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5138.81	-42.37	≤-27	PASS
			5360~40000	26516.71	-37.87	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~40000



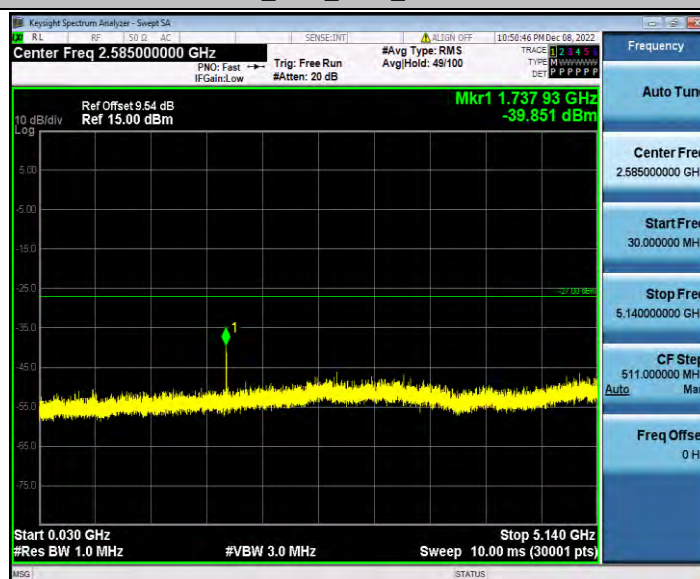
11A_Ant1_5200_30~5140



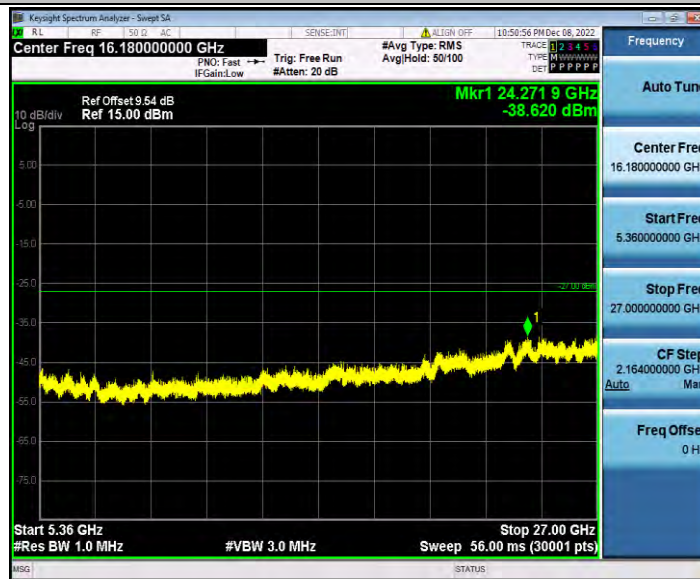
11A_Ant1_5200_5360~40000



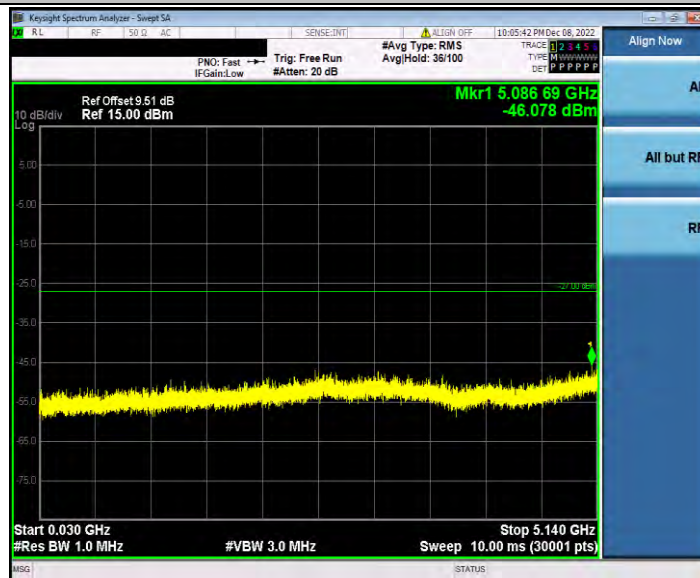
11A_Ant1_5240_30~5140



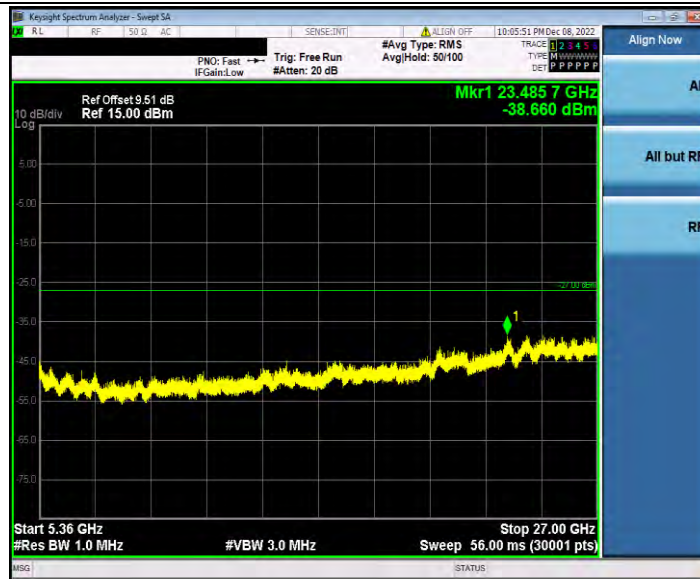
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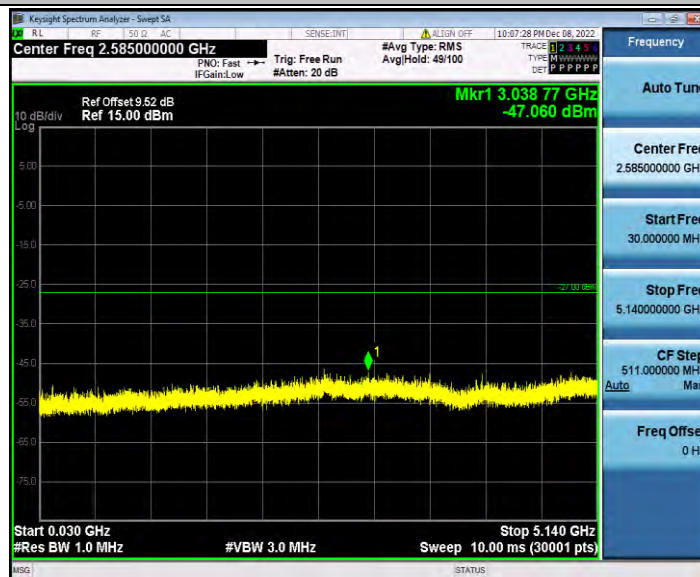
11N20SISO_Ant1_5180_30~5140



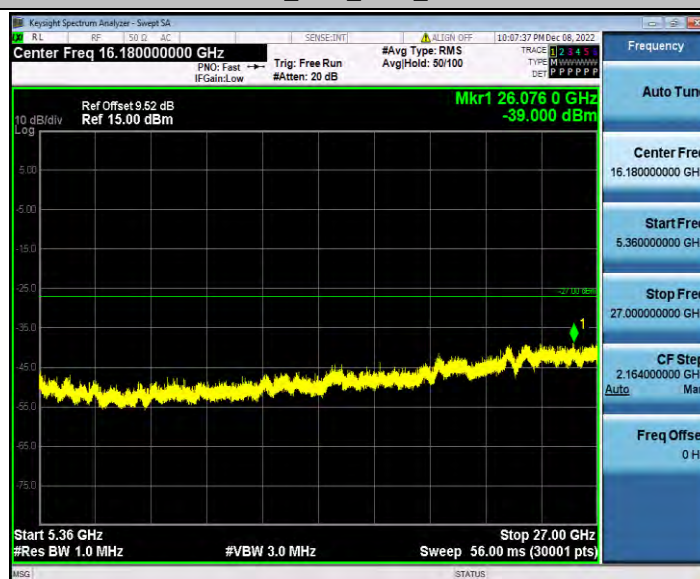
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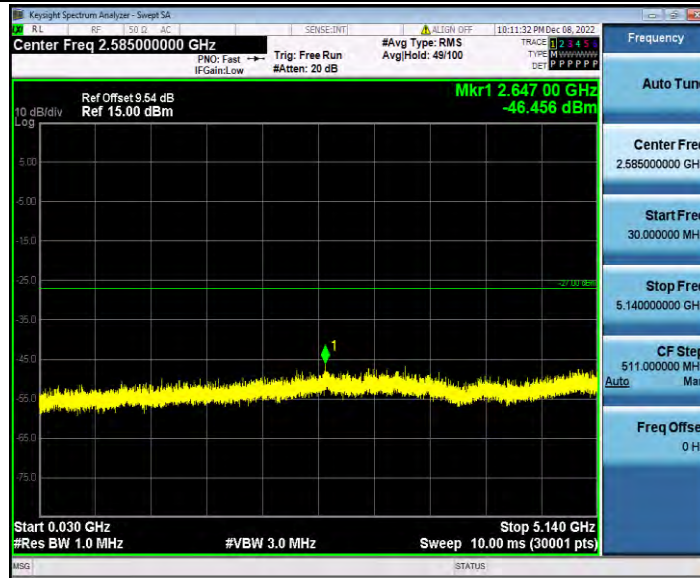
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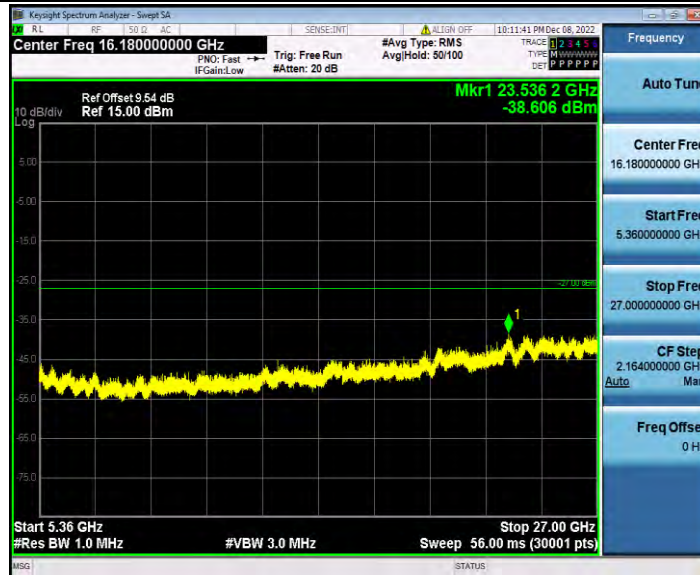
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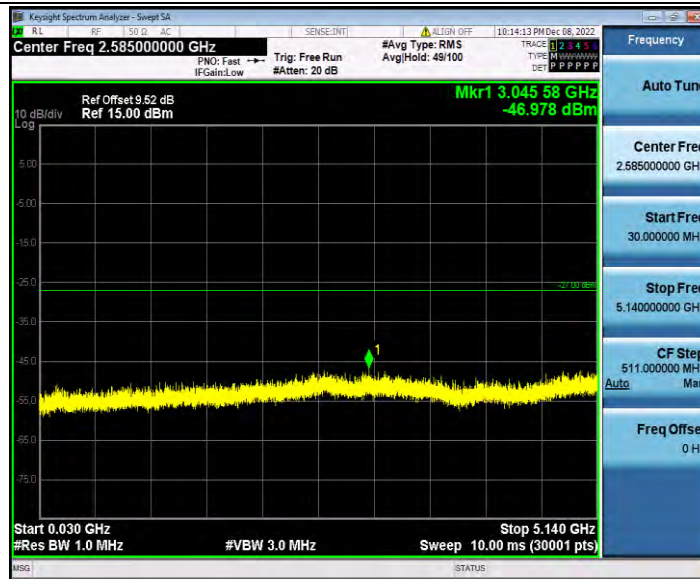
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~40000



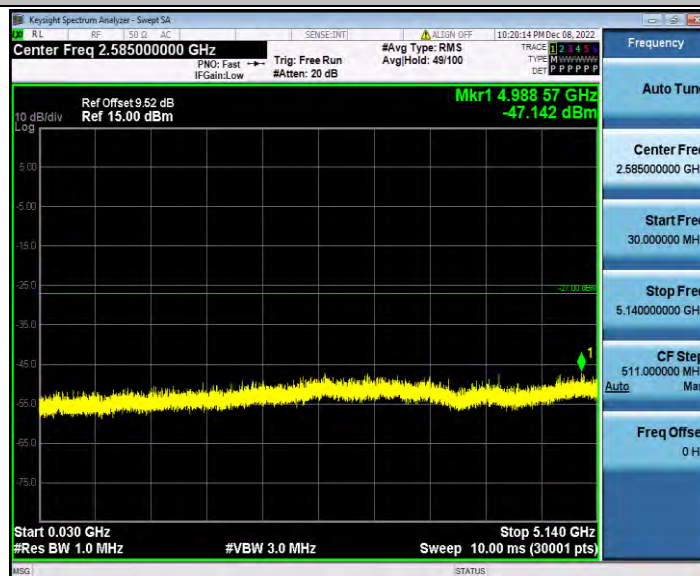
11N40SISO_Ant1_5190_30~5140



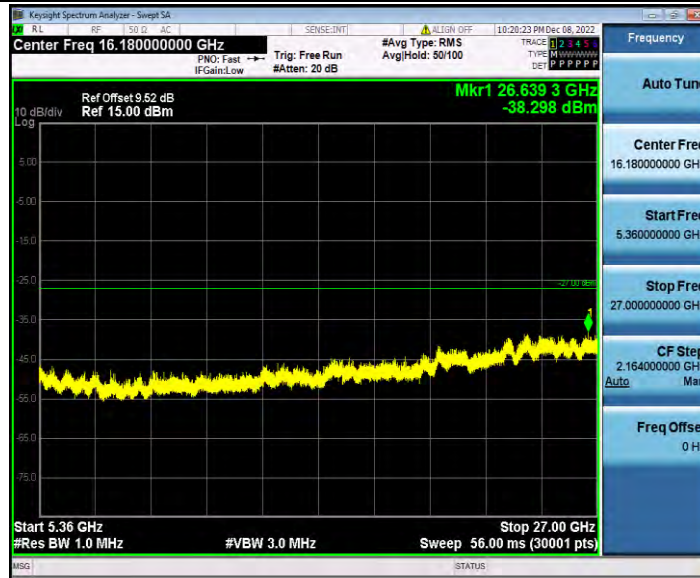
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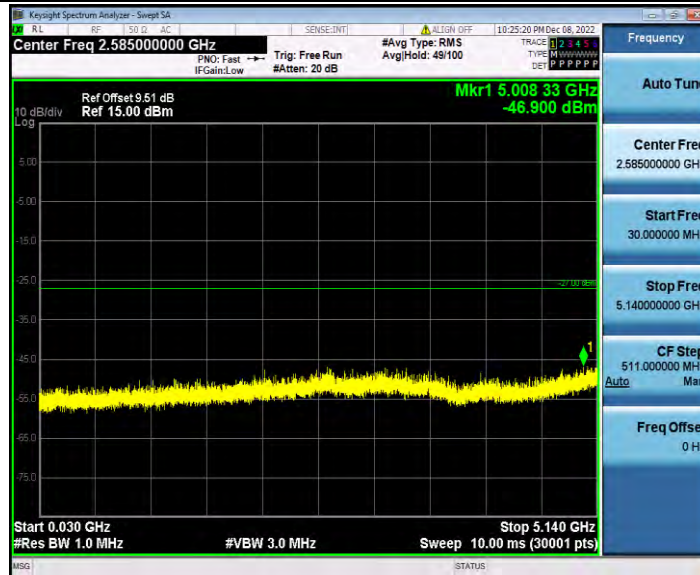
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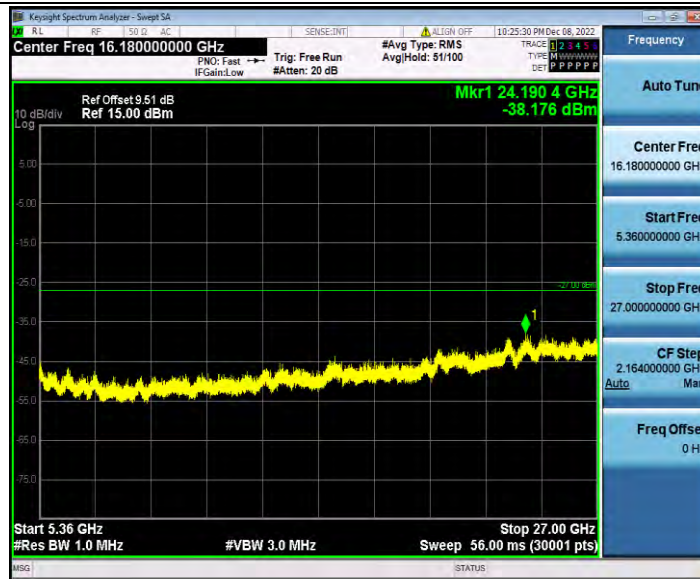
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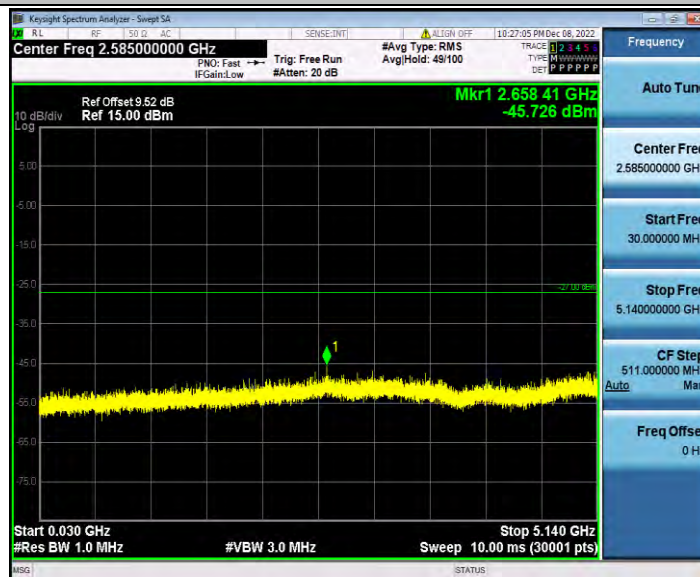
11AC20SISO_Ant1_5180_30~5140



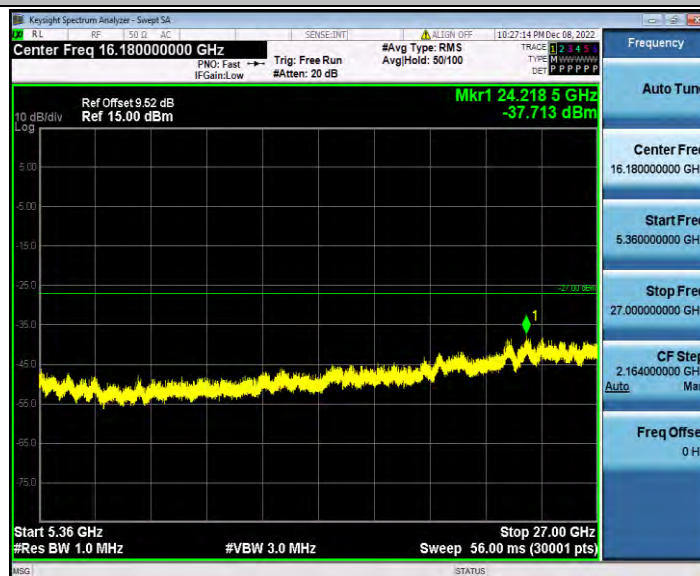
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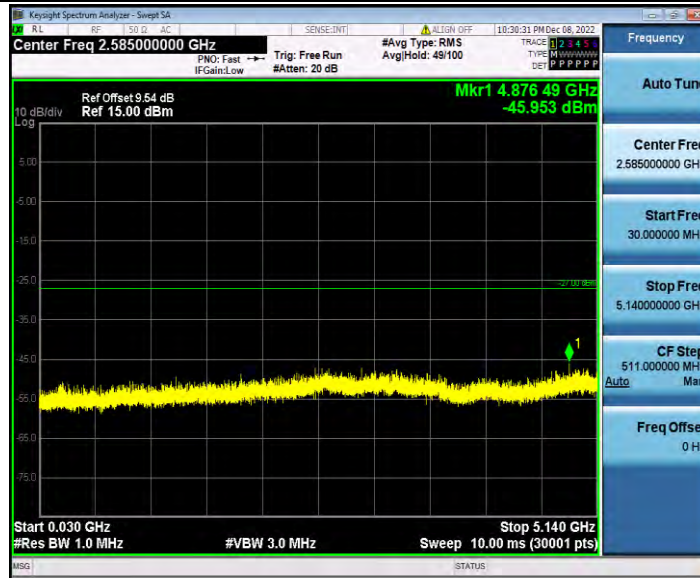
11AC20SISO_Ant1_5200_30~5140



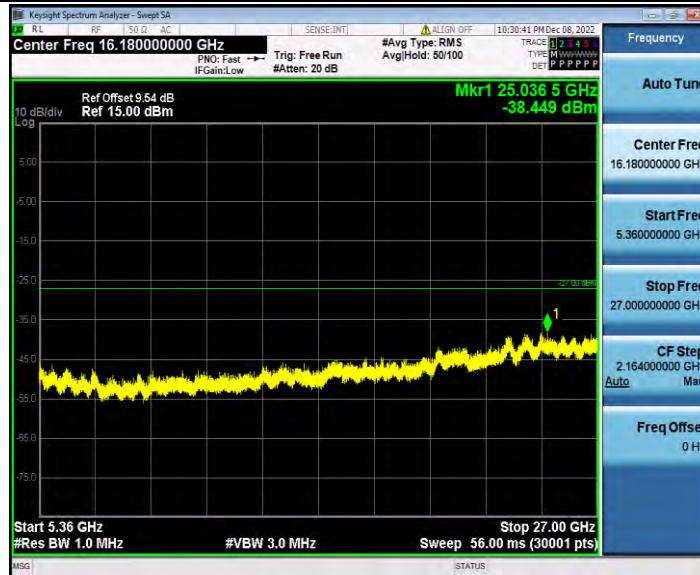
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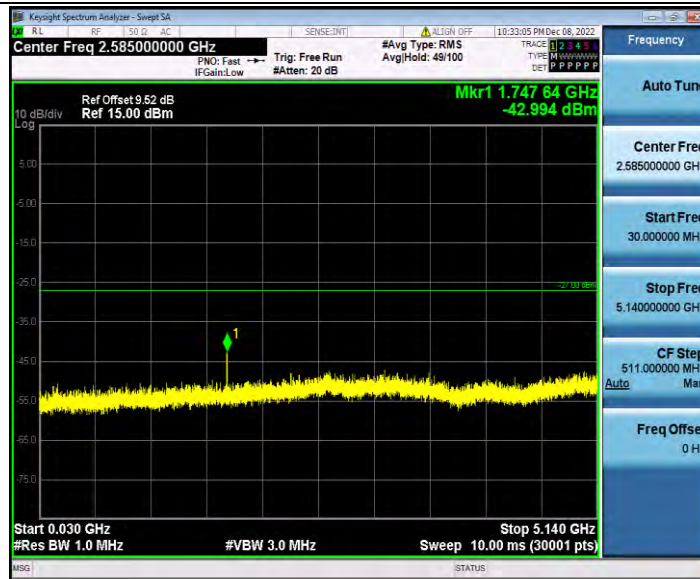
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



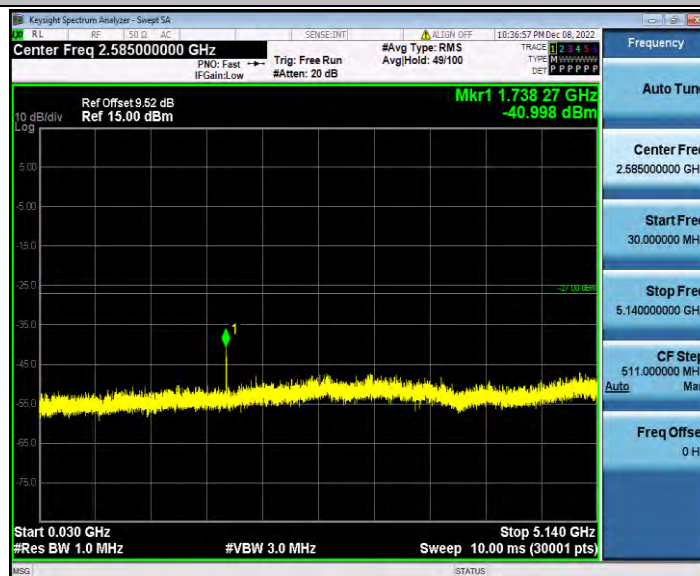
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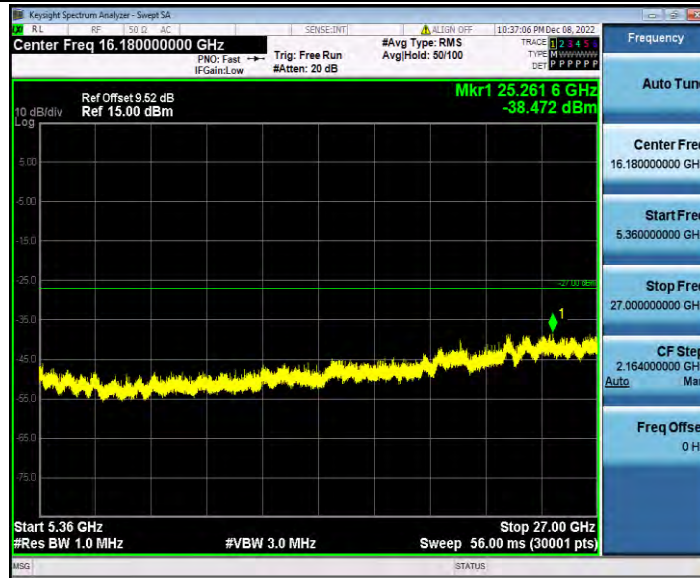
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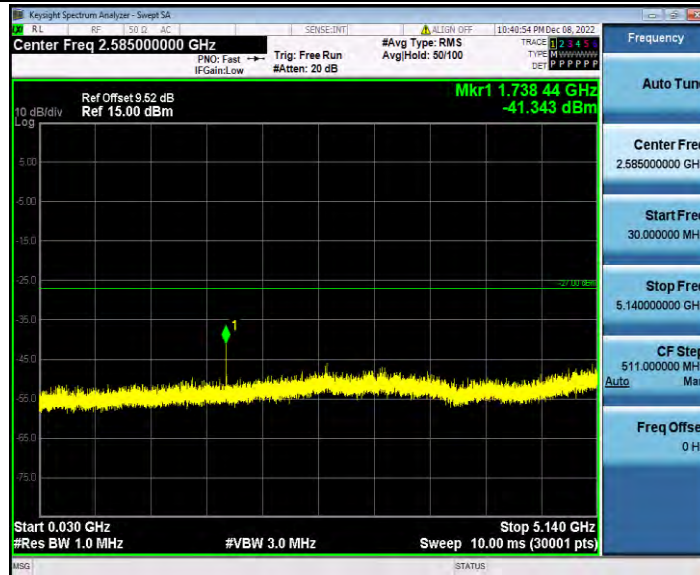
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



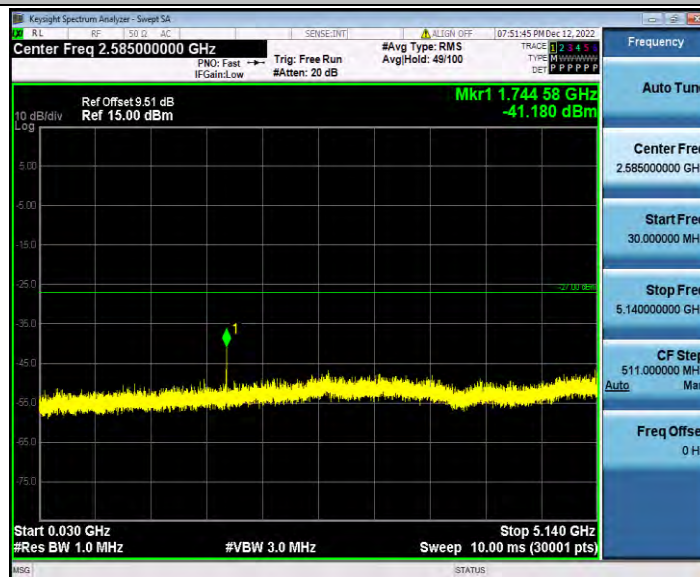
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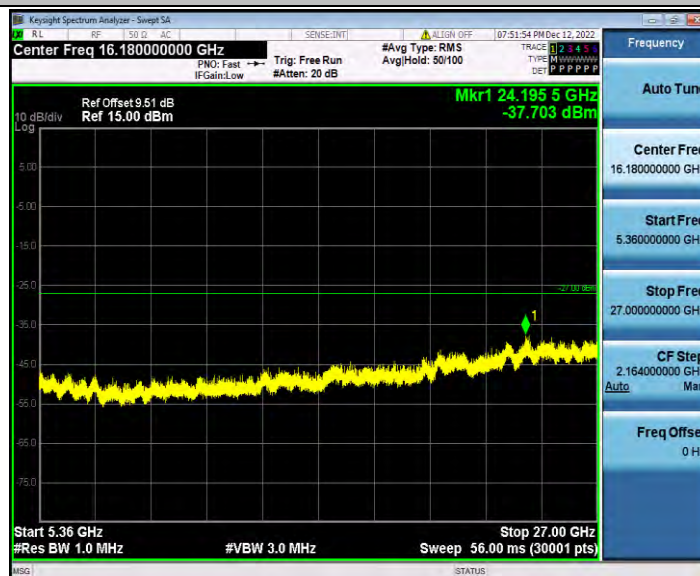
11AC80SISO_Ant1_5210_5360~40000



11AX20SISO_Ant1_5180_30~5140



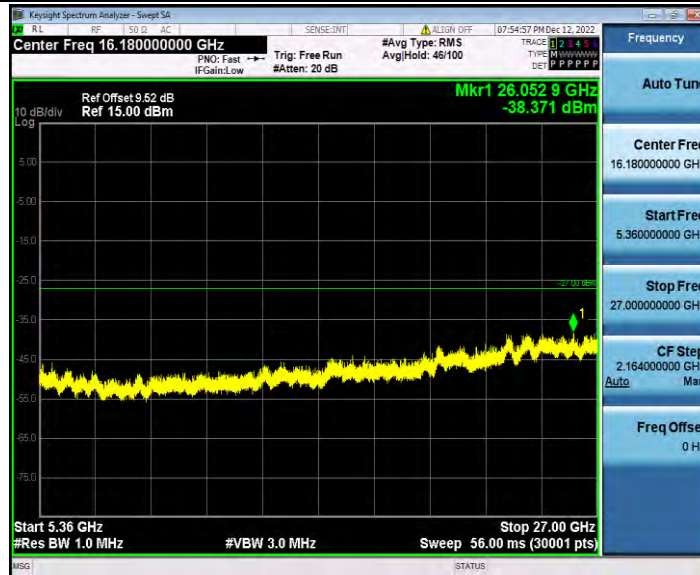
11AX20SISO_Ant1_5180_5360~40000



11AX20SISO_Ant1_5200_30~5140



11AX20SISO_Ant1_5200_5360~40000



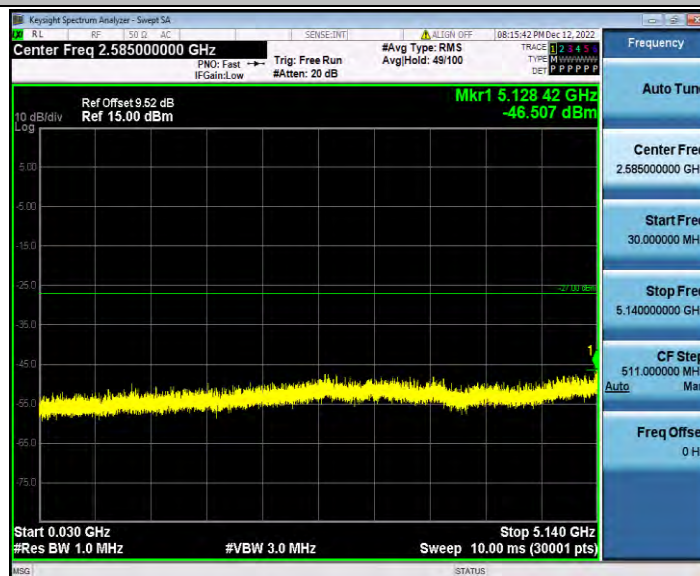
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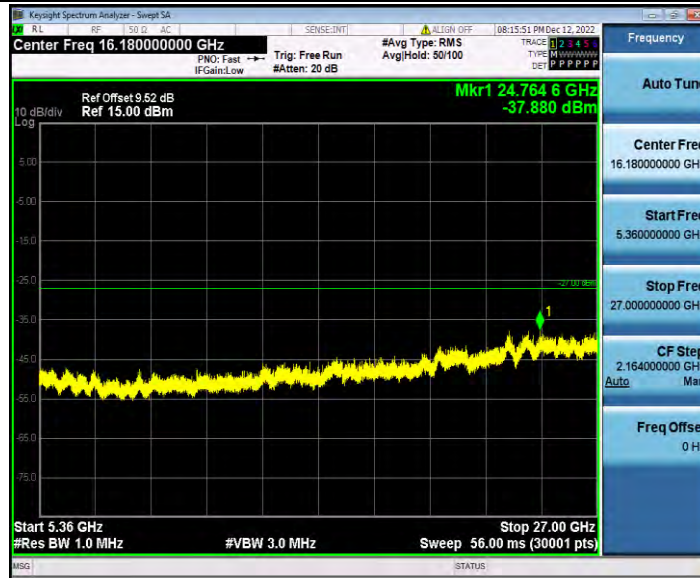
11AX20SISO_Ant1_5240_5360~40000



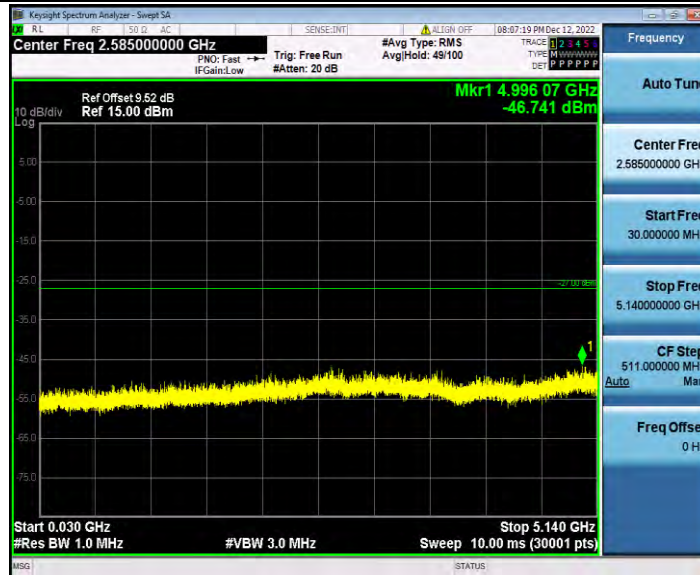
11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000



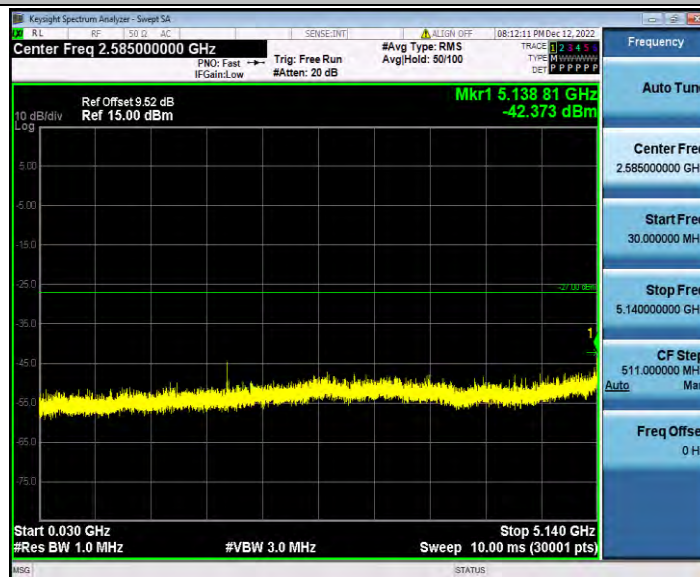
11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~40000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~40000

