

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	9.33	92.27	0.35	9.68	≤23.98	PASS
		5200	9.61	91.86	0.37	9.98	≤23.98	PASS
		5240	10.45	93.12	0.31	10.76	≤23.98	PASS
11N20SISO	Ant1	5180	9.28	92.65	0.33	9.61	≤23.98	PASS
		5200	9.65	92.20	0.35	10.00	≤23.98	PASS
		5240	10.67	92.20	0.35	11.02	≤23.98	PASS
11N40SISO	Ant1	5190	8.88	86.11	0.65	9.53	≤23.98	PASS
		5230	10.04	86.11	0.65	10.69	≤23.98	PASS
11AC20SISO	Ant1	5180	9.06	91.82	0.37	9.43	≤23.98	PASS
		5200	9.60	88.96	0.51	10.11	≤23.98	PASS
		5240	10.54	90.06	0.45	10.99	≤23.98	PASS
11AC40SISO	Ant1	5190	9.02	84.55	0.73	9.75	≤23.98	PASS
		5230	10.18	83.93	0.76	10.94	≤23.98	PASS
11AX20SISO	Ant1	5180	9.48	88.96	0.51	9.99	≤23.98	PASS
		5200	9.59	89.57	0.48	10.07	≤23.98	PASS
		5240	10.62	89.51	0.48	11.10	≤23.98	PASS
11AX40SISO	Ant1	5190	8.76	81.32	0.90	9.66	≤23.98	PASS
		5230	9.91	81.52	0.89	10.80	≤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	-4.67	≤11.00	PASS
		5200	-4.27	≤11.00	PASS
		5240	-3.4	≤11.00	PASS
11N20SISO	Ant1	5180	-4.91	≤11.00	PASS
		5200	-4.46	≤11.00	PASS
		5240	-3.48	≤11.00	PASS
11N40SISO	Ant1	5190	-7.97	≤11.00	PASS
		5230	-6.85	≤11.00	PASS
11AC20SISO	Ant1	5180	-5.21	≤11.00	PASS
		5200	-4.65	≤11.00	PASS
		5240	-3.8	≤11.00	PASS
11AC40SISO	Ant1	5190	-7.77	≤11.00	PASS
		5230	-6.51	≤11.00	PASS
11AX20SISO	Ant1	5180	-4.88	≤11.00	PASS
		5200	-4.74	≤11.00	PASS
		5240	-3.75	≤11.00	PASS
11AX40SISO	Ant1	5190	-8.06	≤11.00	PASS
		5230	-6.9	≤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



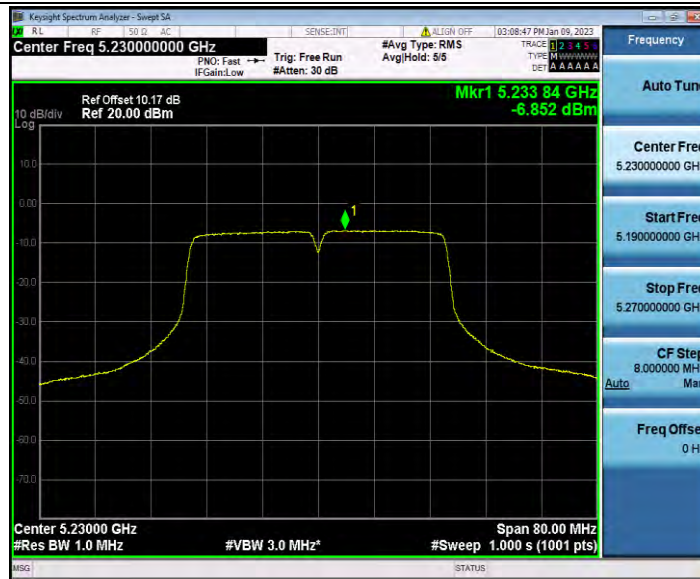
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



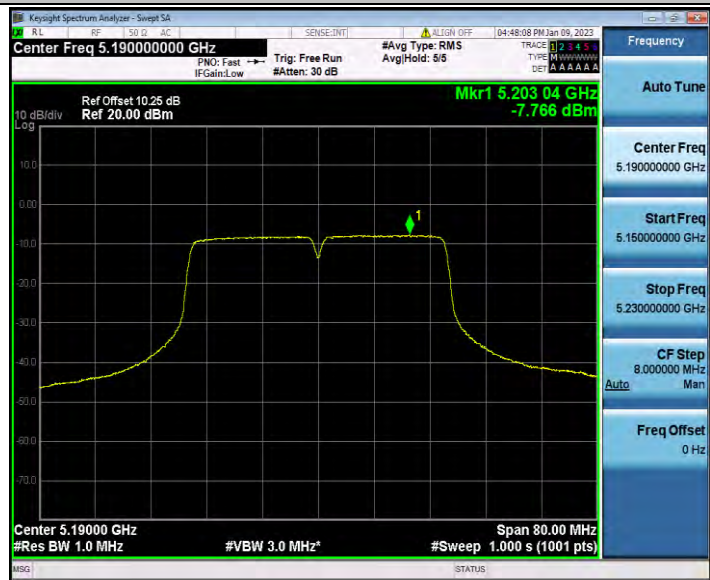
11AC20SISO_Ant1_5200



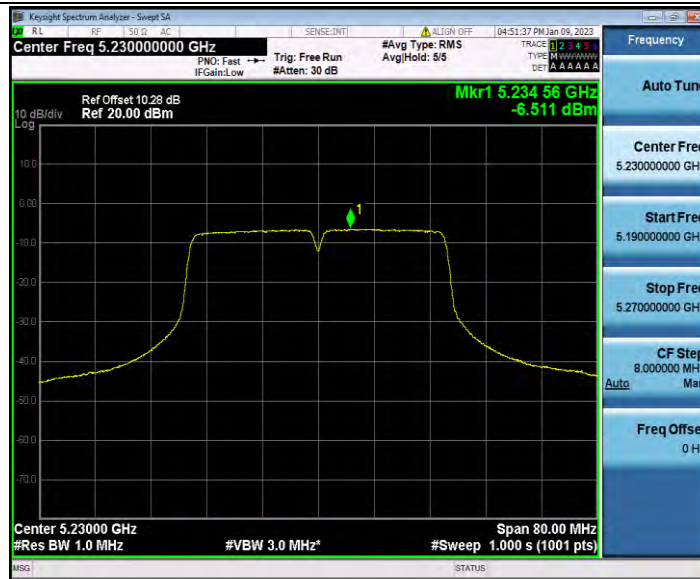
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



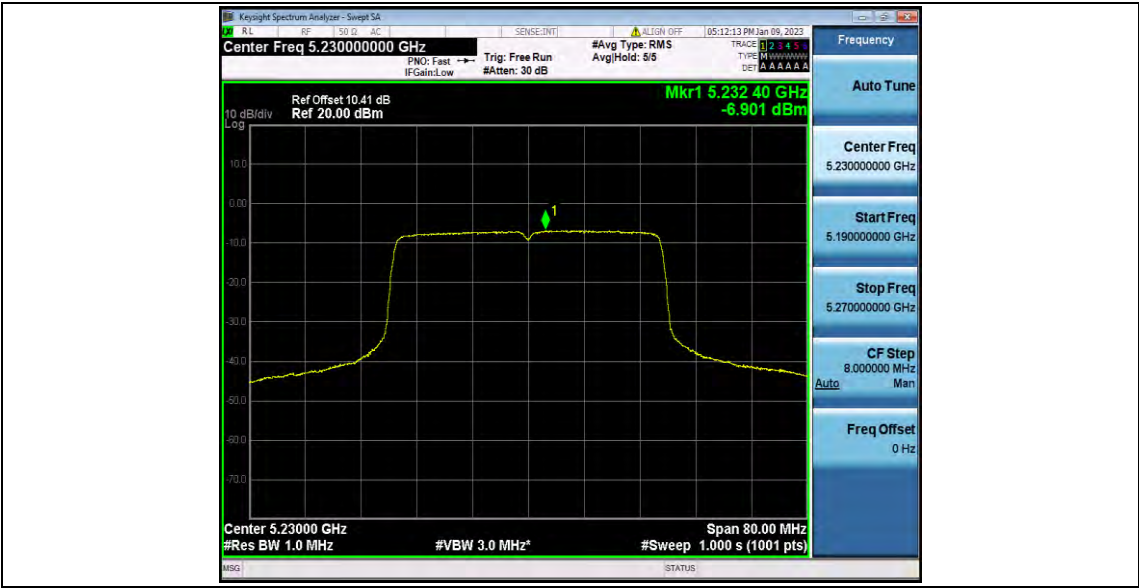
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



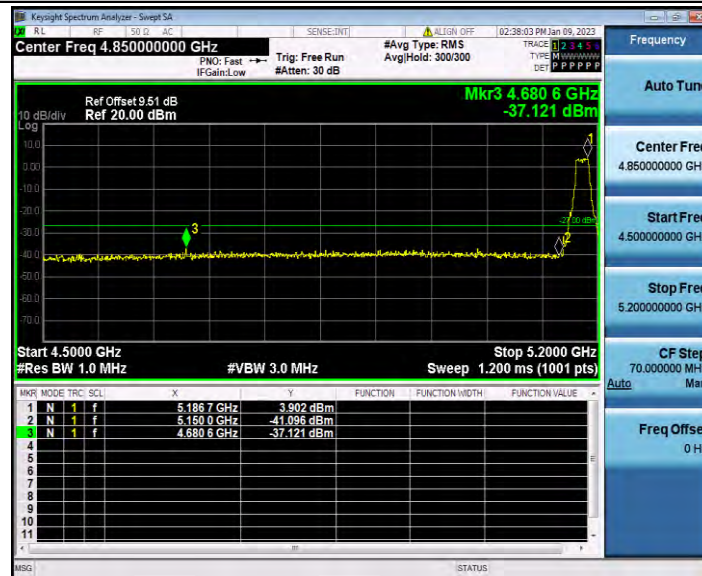
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.12	≤-27	PASS
		High	5240	-37.89	≤-27	PASS
11N20SISO	Ant1	Low	5180	-37.22	≤-27	PASS
		High	5240	-37.9	≤-27	PASS
11N40SISO	Ant1	Low	5190	-35.99	≤-27	PASS
		High	5230	-38.1	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-37.54	≤-27	PASS
		High	5240	-37.82	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-33.84	≤-27	PASS
		High	5230	-37.67	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-37.47	≤-27	PASS
		High	5240	-37.89	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-34.27	≤-27	PASS
		High	5230	-37.23	≤-27	PASS

Test Graphs B1/2/3

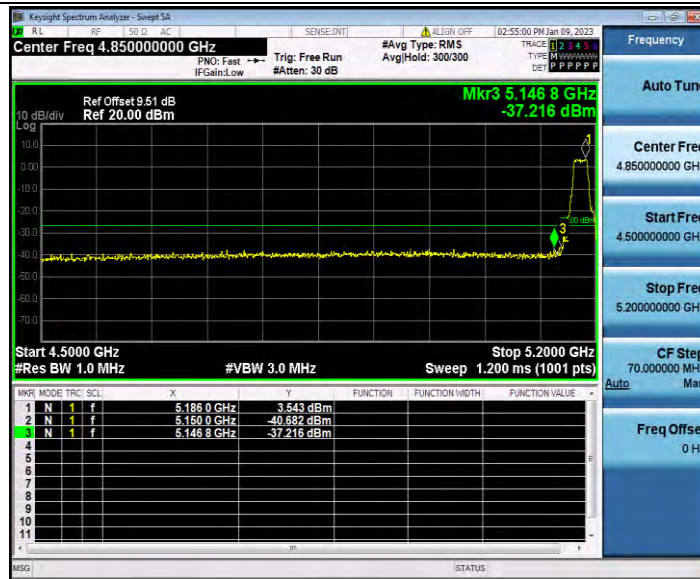
11A_Ant1_Low_5180



11A_Ant1_High_5240



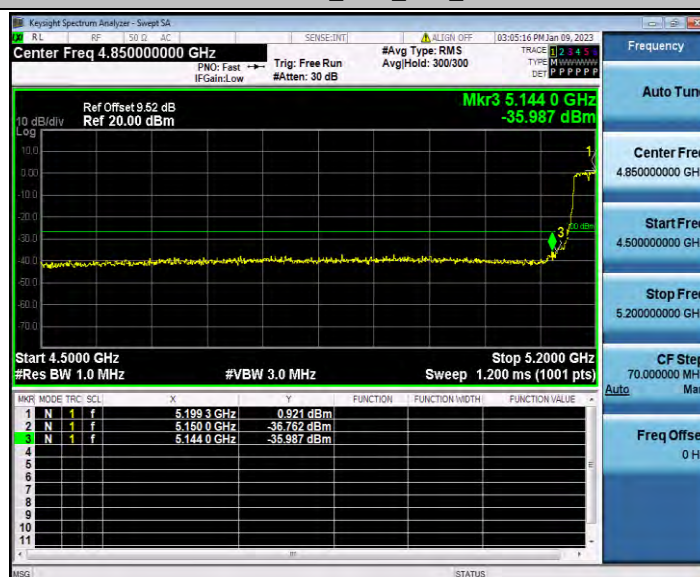
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



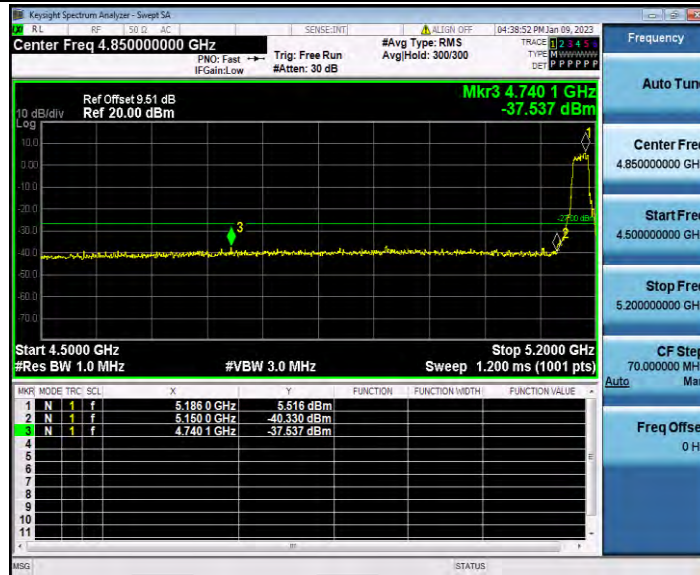
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



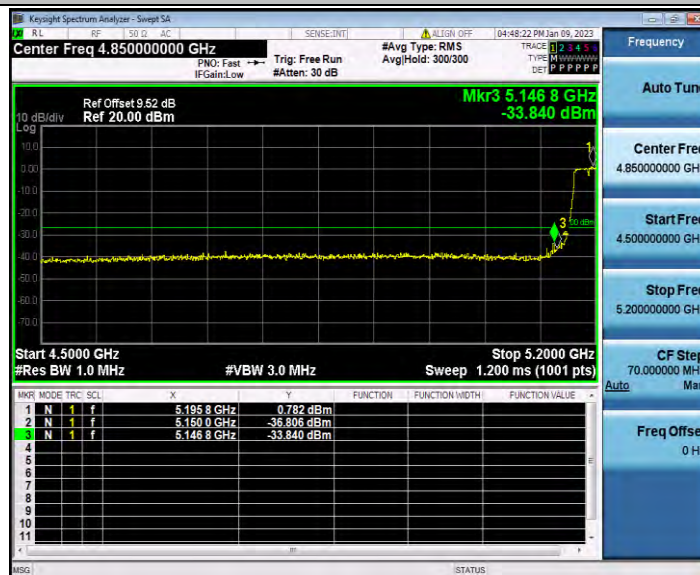
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



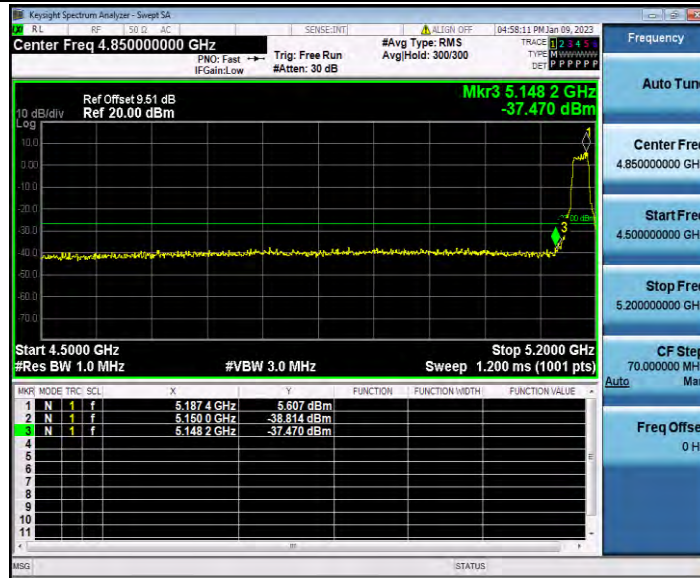
11AC40SISO_Ant1_Low_5190



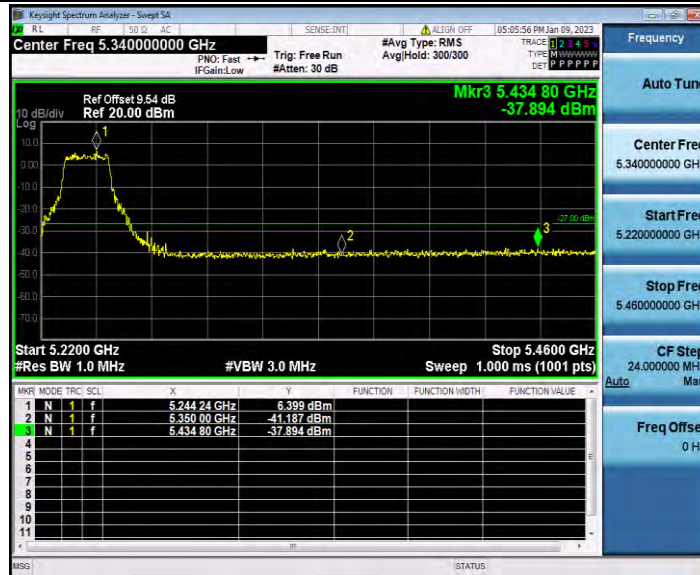
11AC40SISO_Ant1_High_5230



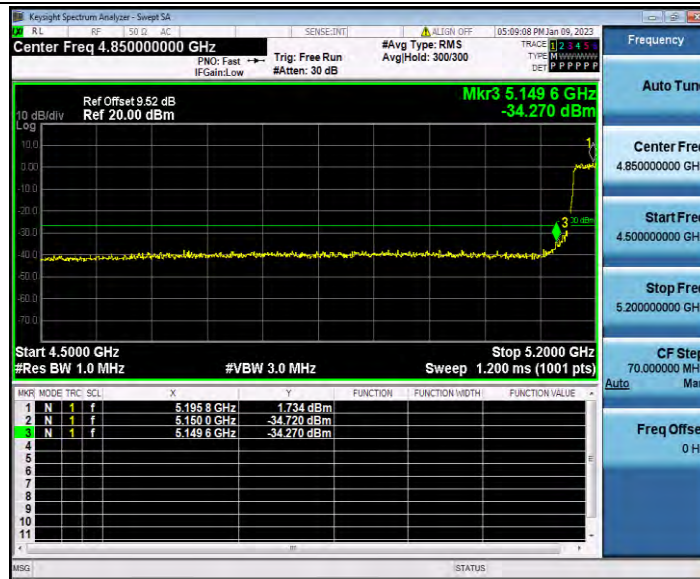
11AX20SISO_Ant1_Low_5180



11AX20SISO_Ant1_High_5240



11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



Appendix D.7: Conducted Spurious Emission

Test Result

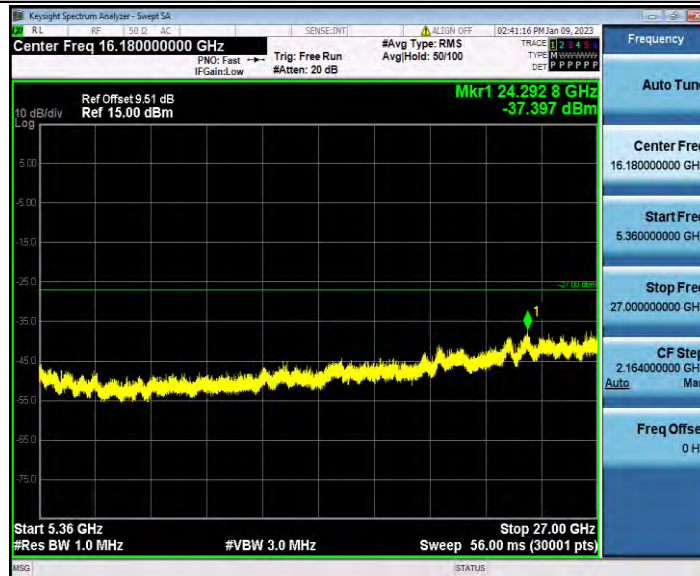
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	4693.22	-46.14	≤-27	PASS
			5360~40000	24292.84	-37.4	≤-27	PASS
		5200	30~5140	4815.86	-45.39	≤-27	PASS
			5360~40000	24911.74	-38.2	≤-27	PASS
		5240	30~5140	4184.6	-46.64	≤-27	PASS
			5360~40000	26958.88	-38.17	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	4136.06	-45.53	≤-27	PASS
			5360~40000	25671.3	-37.71	≤-27	PASS
		5200	30~5140	4717.23	-46.06	≤-27	PASS
			5360~40000	25636.68	-37.38	≤-27	PASS
		5240	30~5140	4781.45	-44.26	≤-27	PASS
			5360~40000	24221.42	-38.11	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5137.45	-42.69	≤-27	PASS
			5360~40000	25102.17	-38.24	≤-27	PASS
		5230	30~5140	4198.91	-44.49	≤-27	PASS
			5360~40000	25603.5	-37.86	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5005.1	-45.41	≤-27	PASS
			5360~40000	26890.36	-38.03	≤-27	PASS
		5200	30~5140	4736.31	-45.31	≤-27	PASS
			5360~40000	25581.86	-37.99	≤-27	PASS
		5240	30~5140	4184.6	-45.42	≤-27	PASS
			5360~40000	24201.23	-37.61	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5136.59	-43.01	≤-27	PASS
			5360~40000	25555.17	-37.8	≤-27	PASS
		5230	30~5140	4200.78	-42.44	≤-27	PASS
			5360~40000	24159.39	-37.11	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	4722.17	-45.78	≤-27	PASS
			5360~40000	25974.26	-37.48	≤-27	PASS
		5200	30~5140	2410.58	-43.33	≤-27	PASS
			5360~40000	26637.17	-38.12	≤-27	PASS
		5240	30~5140	4994.02	-45.62	≤-27	PASS
			5360~40000	26585.23	-37.59	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5138.13	-43.25	≤-27	PASS
			5360~40000	23539.76	-38.14	≤-27	PASS
		5230	30~5140	4201.46	-41.95	≤-27	PASS
			5360~40000	23584.49	-38.19	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~40000



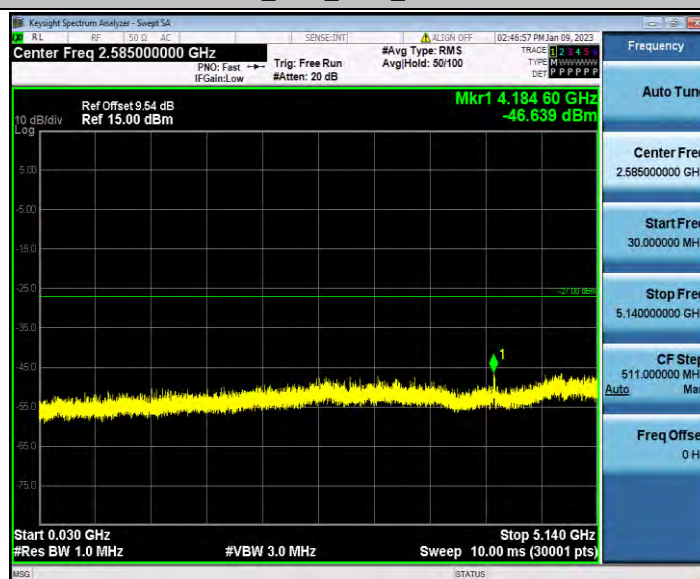
11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~40000



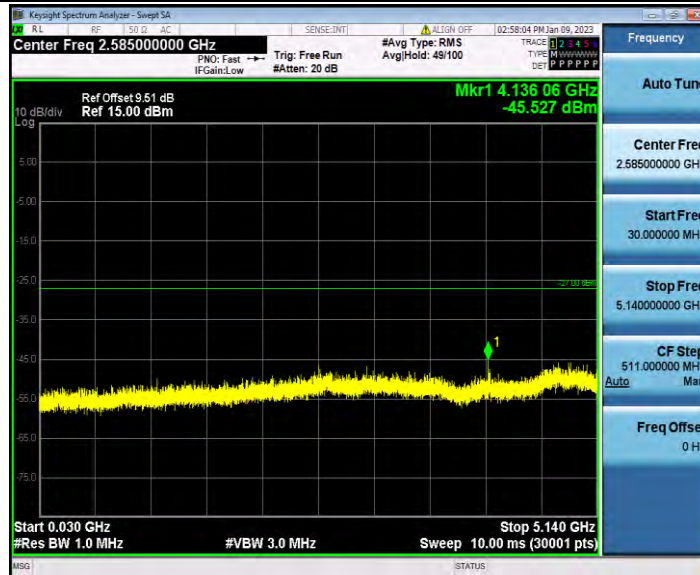
11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~40000



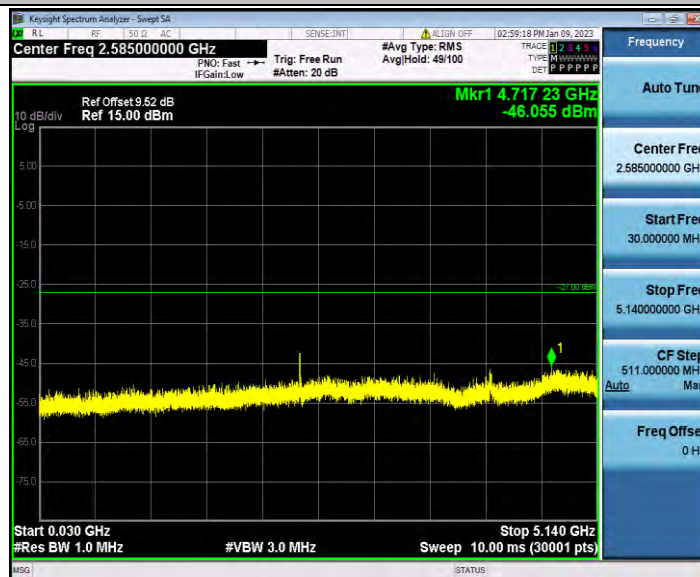
11N20SISO_Ant1_5180_30~5140



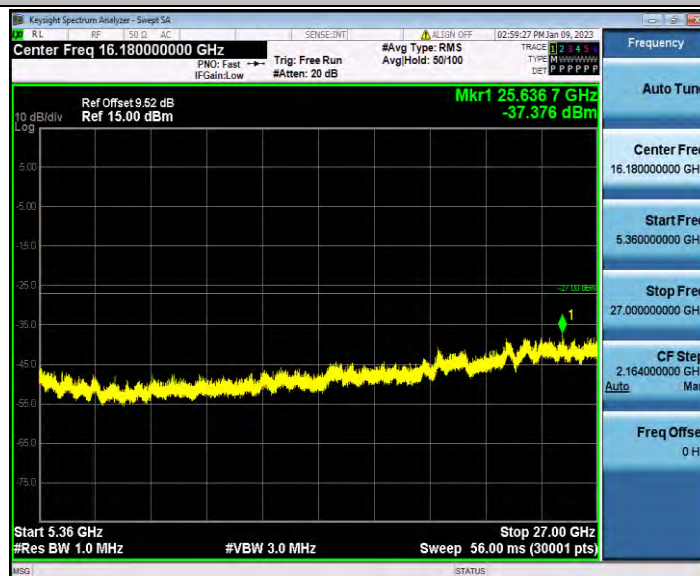
11N20SISO_Ant1_5180_5360~40000



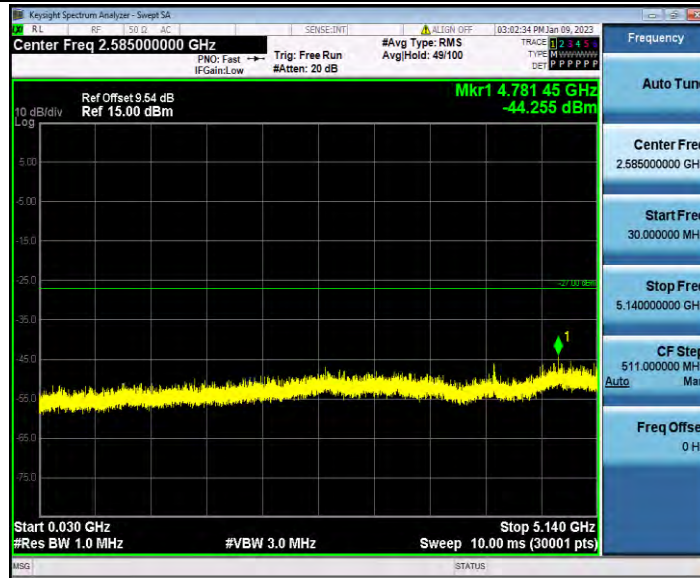
11N20SISO_Ant1_5200_30~5140



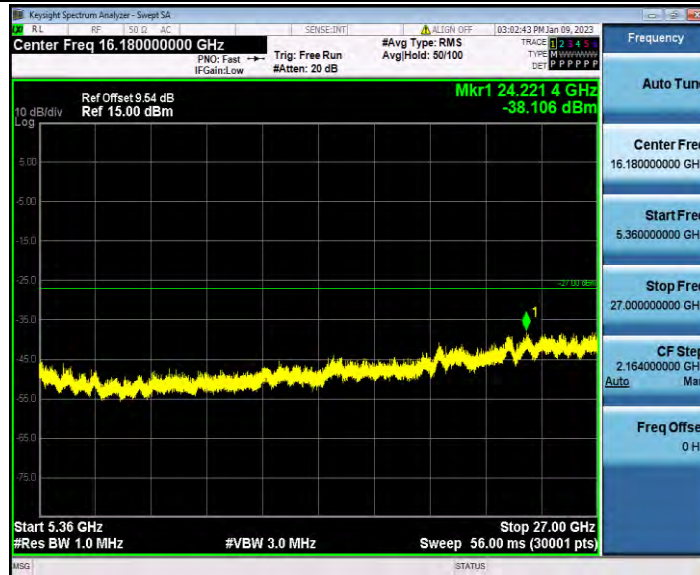
11N20SISO_Ant1_5200_5360~40000



11N20SISO_Ant1_5240_30~5140



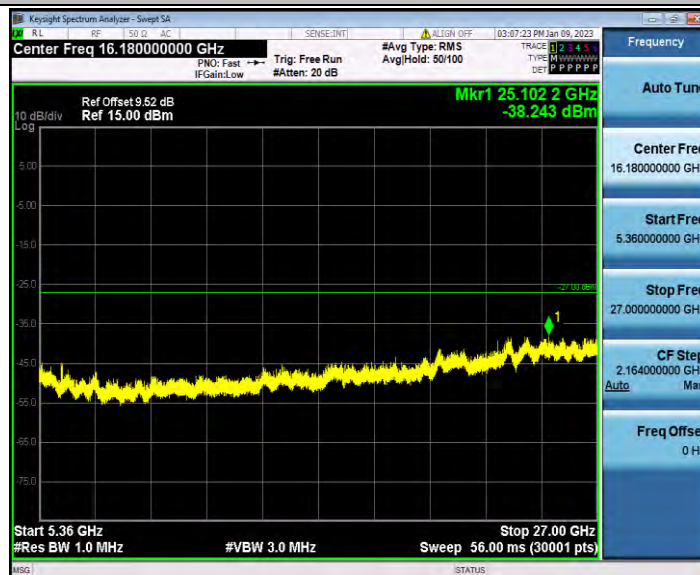
11N20SISO_Ant1_5240_5360~40000



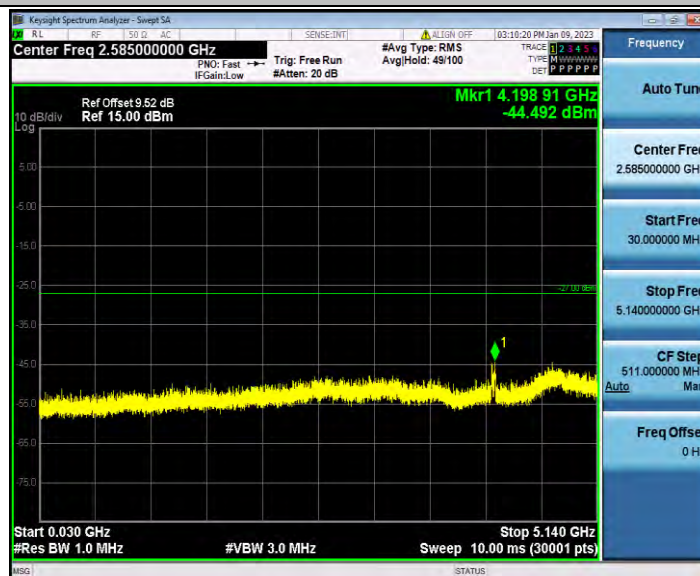
11N40SISO_Ant1_5190_30~5140



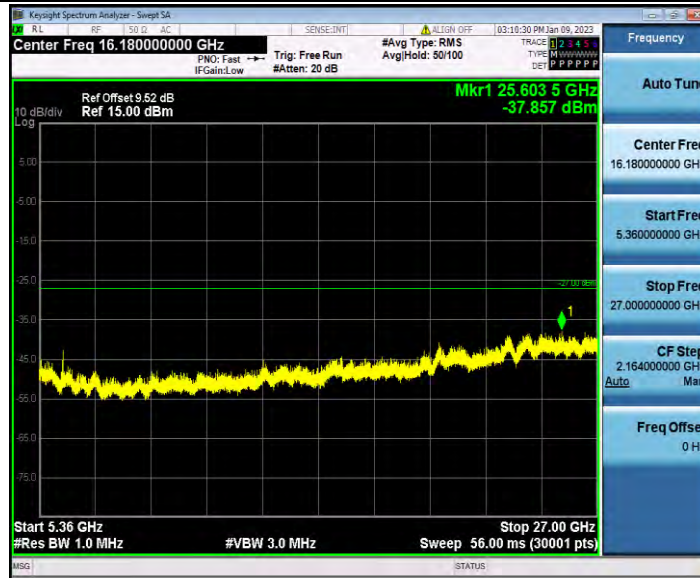
11N40SISO_Ant1_5190_5360~40000



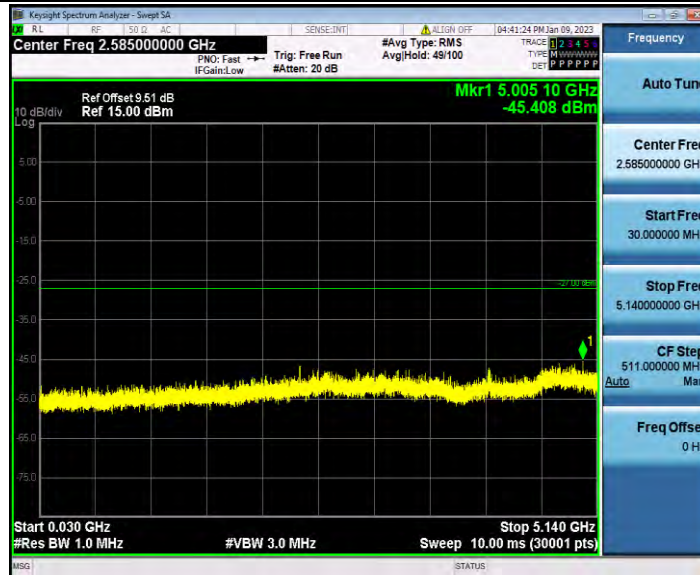
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



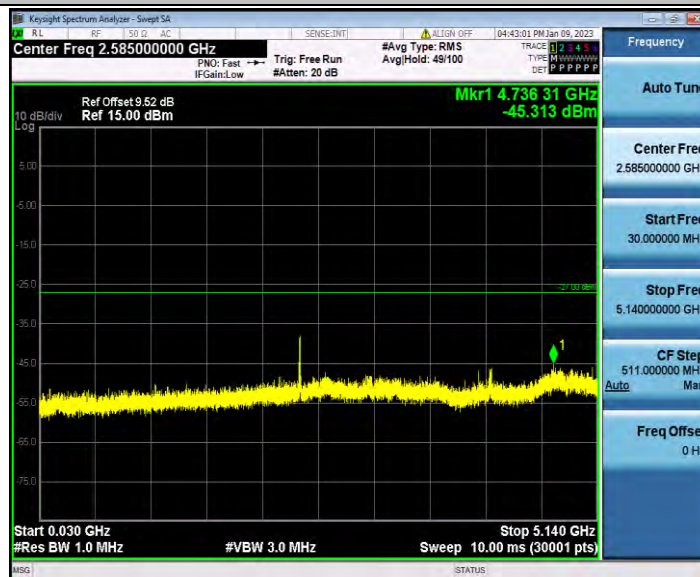
11AC20SISO_Ant1_5180_30~5140



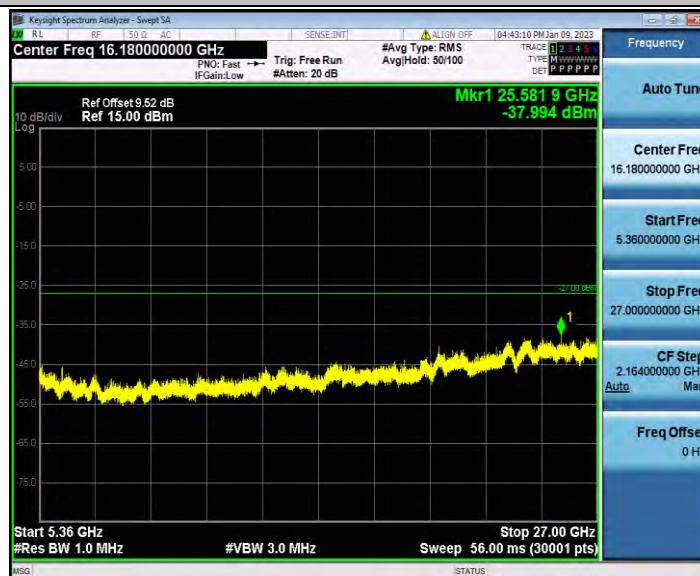
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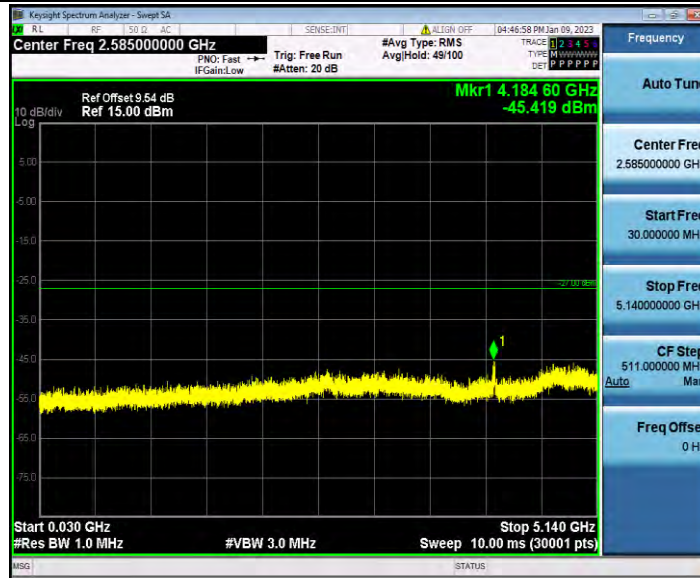
11AC20SISO_Ant1_5200_30~5140



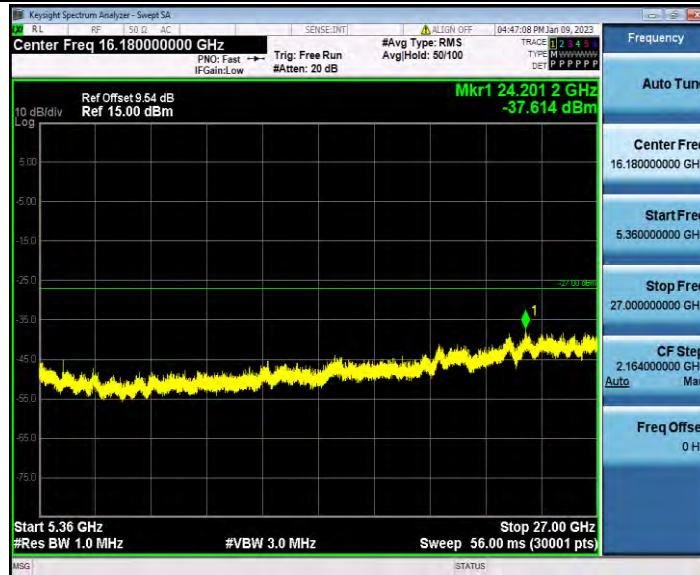
11AC20SISO_Ant1_5200_5360~40000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



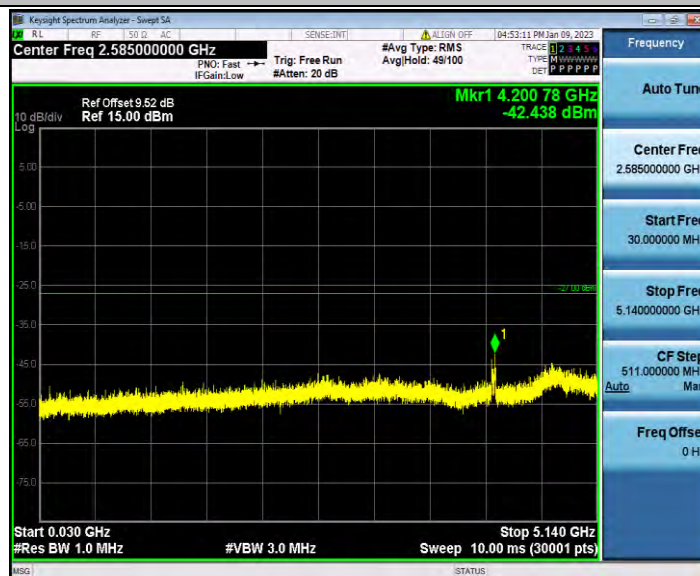
11AC40SISO_Ant1_5190_30~5140



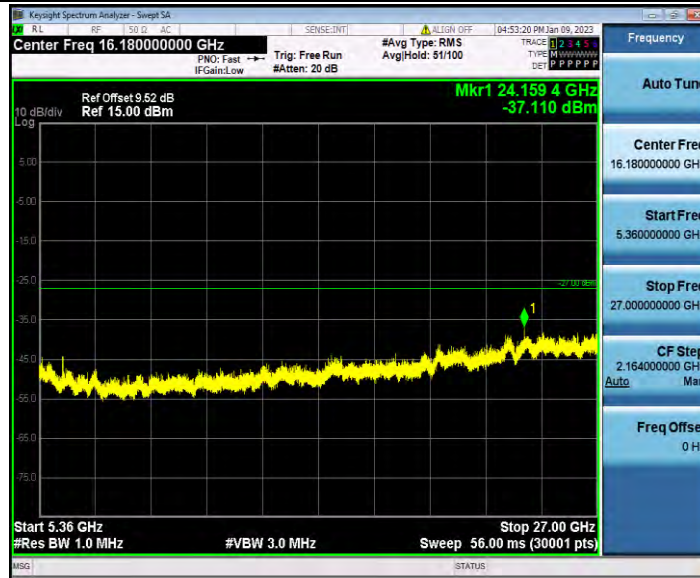
11AC40SISO_Ant1_5190_5360~40000



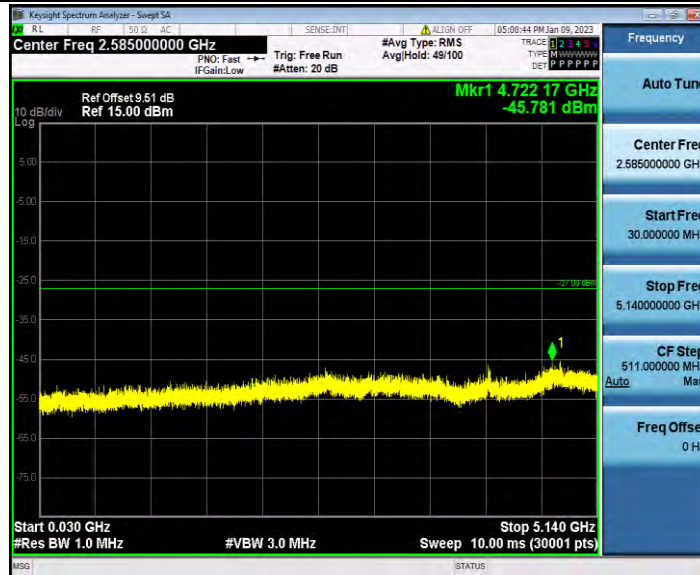
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



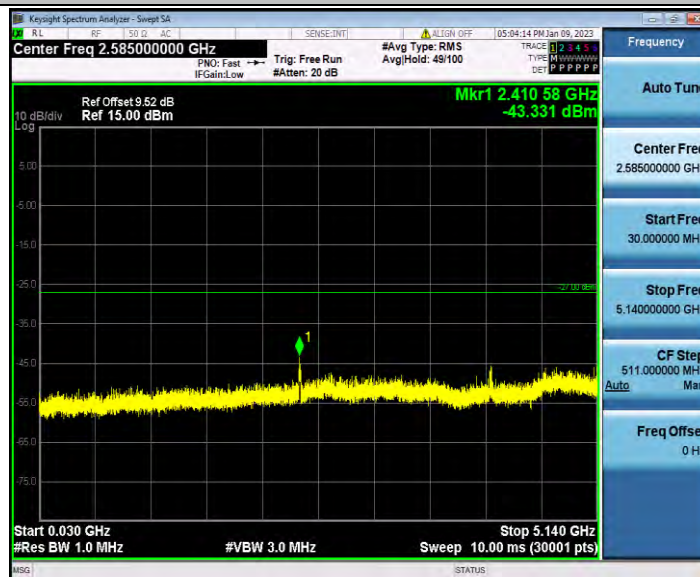
11AX20SISO_Ant1_5180_30~5140



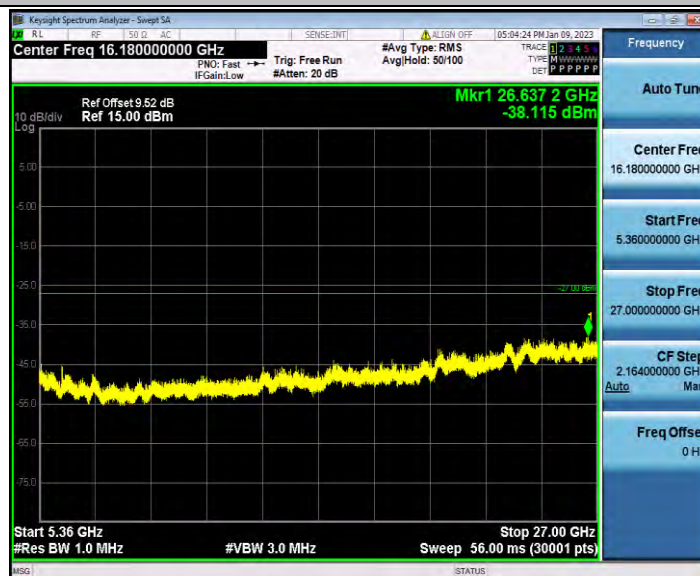
11AX20SISO_Ant1_5180_5360~40000



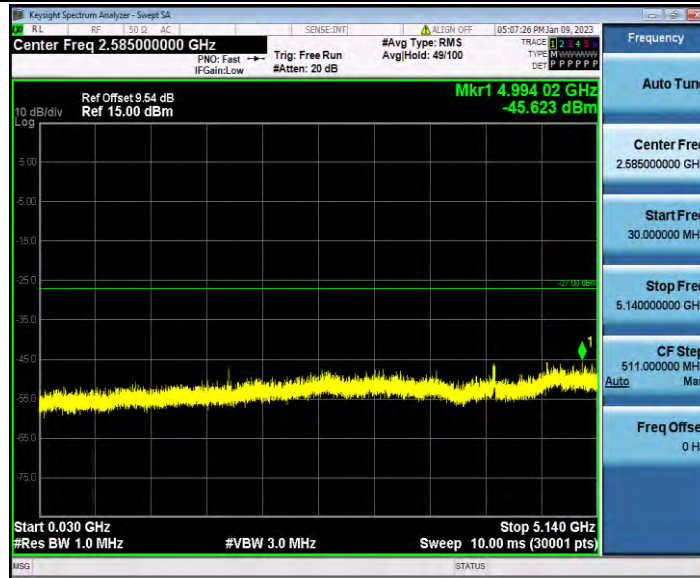
11AX20SISO_Ant1_5200_30~5140



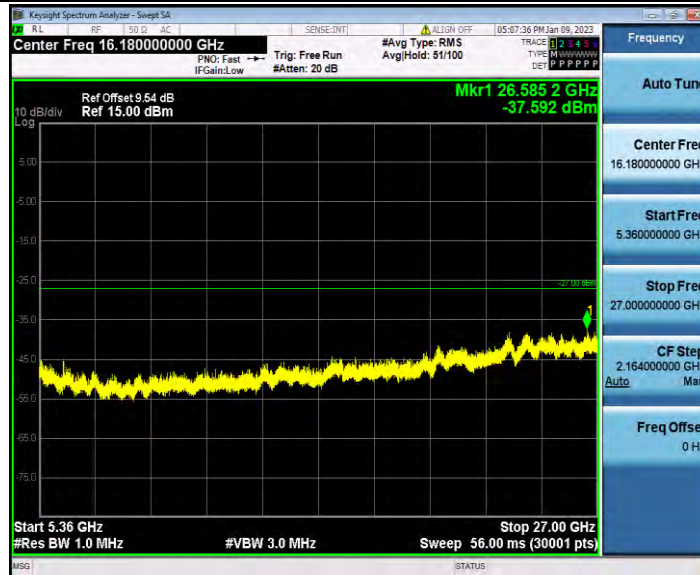
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11AX20SISO_Ant1_5240_30~5140



11AX20SISO_Ant1_5240_5360~40000



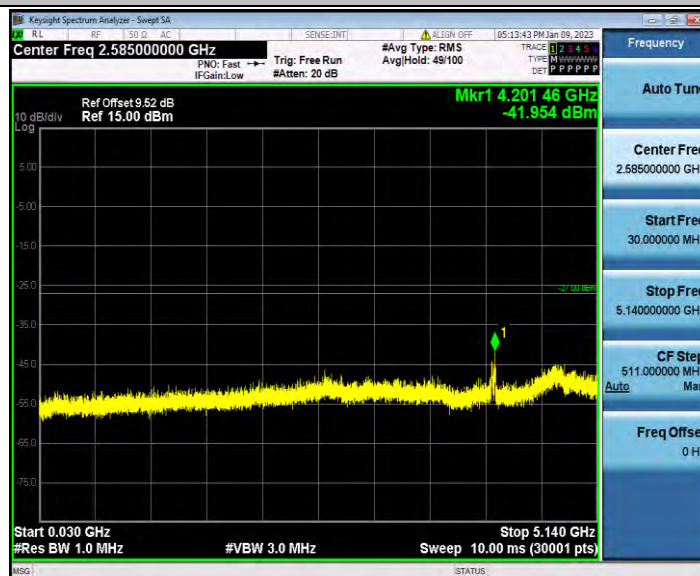
11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000



11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~40000

