

Appendix B.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant3	5180	11.39	95.89	0.18	11.57	≤23.98	PASS
		5200	12.05	95.86	0.18	12.23	≤23.98	PASS
		5240	8.66	95.86	0.18	8.84	≤23.98	PASS
11N20SISO	Ant3	5180	9.13	95.62	0.19	9.32	≤23.98	PASS
		5200	9.04	95.59	0.20	9.24	≤23.98	PASS
		5240	9.05	95.62	0.19	9.24	≤23.98	PASS
11N40SISO	Ant3	5190	9.52	92.86	0.32	9.84	≤23.98	PASS
		5230	9.93	91.43	0.39	10.32	≤23.98	PASS
11AC20SISO	Ant3	5180	10.49	91.89	0.37	10.86	≤23.98	PASS
		5200	14.15	92.00	0.36	14.51	≤23.98	PASS
		5240	9.74	91.89	0.37	10.11	≤23.98	PASS
11AC40SISO	Ant3	5190	9.66	87.50	0.58	10.24	≤23.98	PASS
		5230	9.46	87.50	0.58	10.04	≤23.98	PASS
11AC80SISO	Ant3	5210	5.42	32.73	4.85	10.27	≤23.98	PASS
11AX20SISO	Ant3	5180	10.17	90.00	0.46	10.63	≤23.98	PASS
		5200	10.37	90.00	0.46	10.83	≤23.98	PASS
		5240	9.95	90.00	0.46	10.41	≤23.98	PASS
11AX40SISO	Ant3	5190	9.74	83.33	0.79	10.53	≤23.98	PASS
		5230	13.54	83.33	0.79	14.33	≤23.98	PASS
11AX80SISO	Ant3	5210	5.41	32.08	4.94	10.35	≤23.98	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix B.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant3	5180	0.6	≤11.00	PASS
		5200	1.36	≤11.00	PASS
		5240	-1.96	≤11.00	PASS
11N20SISO	Ant3	5180	-1.78	≤11.00	PASS
		5200	-1.86	≤11.00	PASS
		5240	-1.72	≤11.00	PASS
11N40SISO	Ant3	5190	-3.31	≤11.00	PASS
		5230	-2.82	≤11.00	PASS
11AC20SISO	Ant3	5180	-0.29	≤11.00	PASS
		5200	3.36	≤11.00	PASS
		5240	-0.86	≤11.00	PASS
11AC40SISO	Ant3	5190	-2.89	≤11.00	PASS
		5230	-3.04	≤11.00	PASS
11AC80SISO	Ant3	5210	-5.62	≤11.00	PASS
11AX20SISO	Ant3	5180	-1.06	≤11.00	PASS
		5200	-0.79	≤11.00	PASS
		5240	-1.05	≤11.00	PASS
11AX40SISO	Ant3	5190	-3.14	≤11.00	PASS
		5230	0.83	≤11.00	PASS
11AX80SISO	Ant3	5210	-5.96	≤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_Ant3_5180



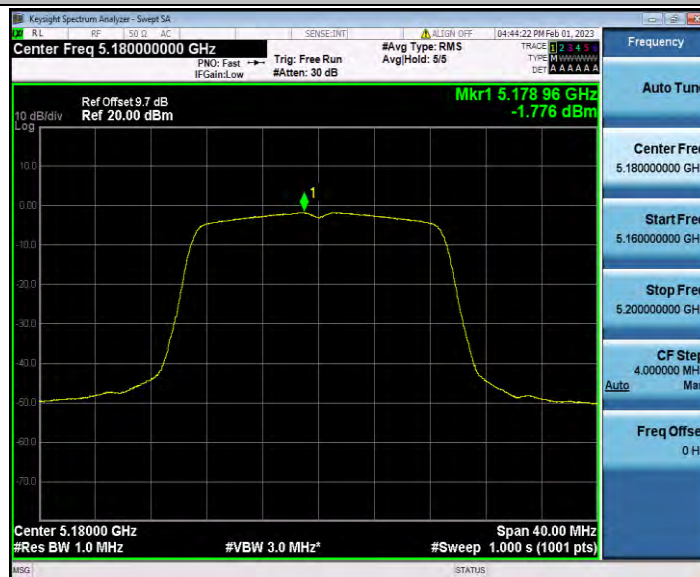
11A_Ant3_5200



11A_Ant3_5240



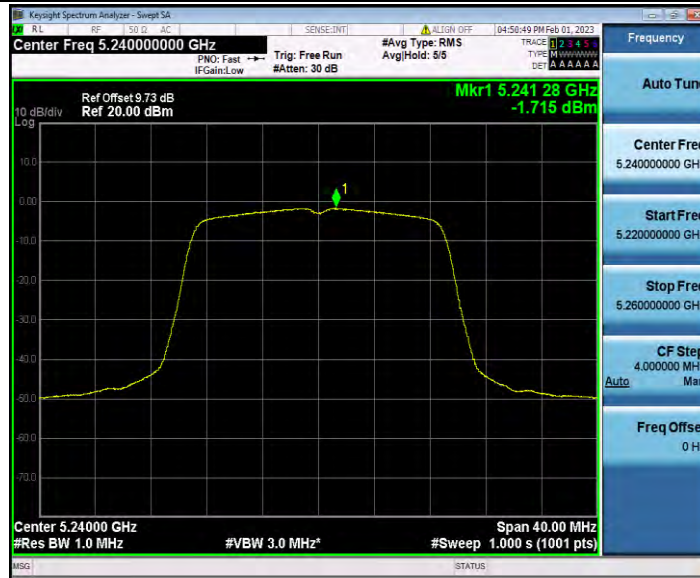
11N20SISO_Ant3_5180



11N20SISO_Ant3_5200



11N20SISO_Ant3_5240



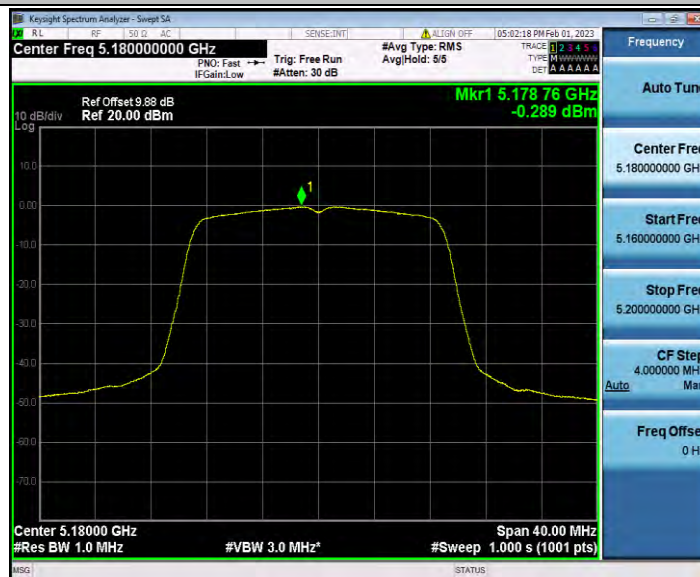
11N40SISO_Ant3_5190



11N40SISO_Ant3_5230



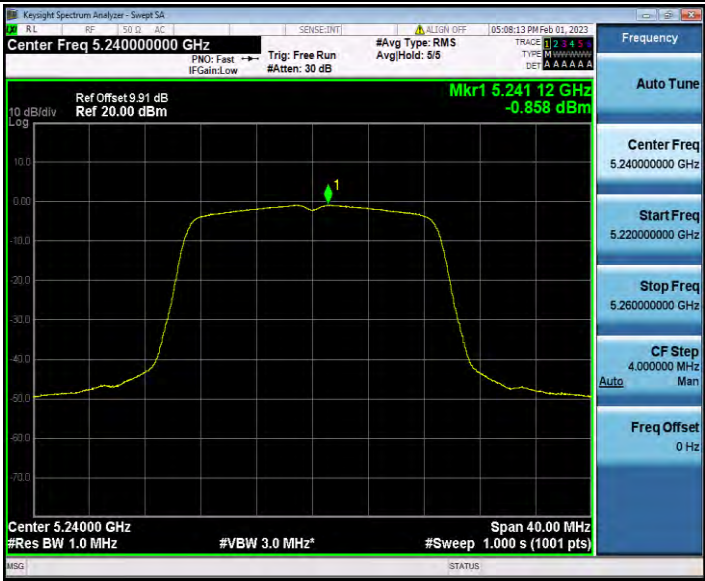
11AC20SISO_Ant3_5180



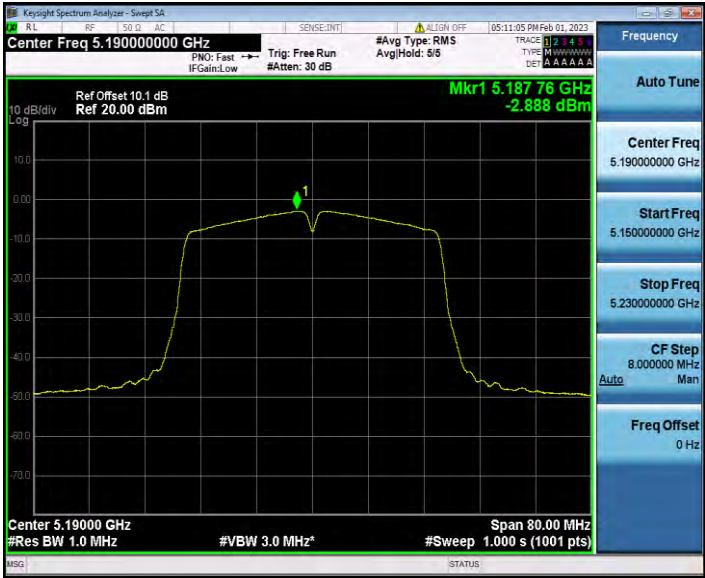
11AC20SISO_Ant3_5200



11AC20SISO_Ant3_5240



11AC40SISO_Ant3_5190



11AC40SISO_Ant3_5230



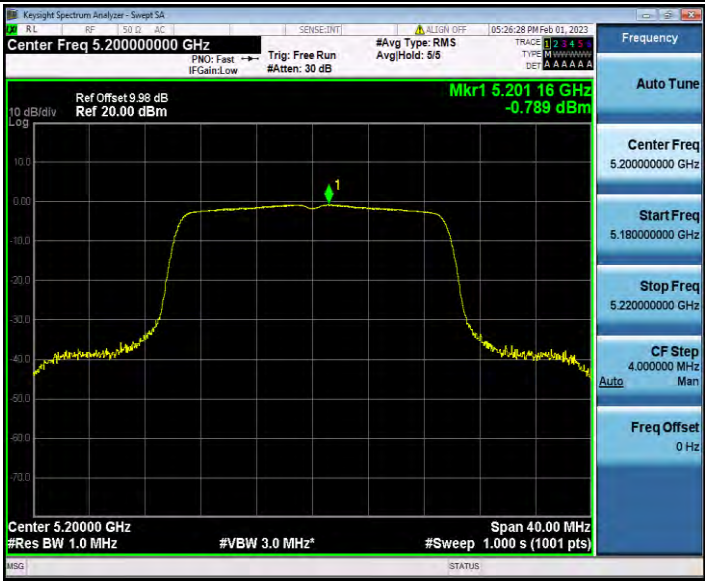
11AC80SISO_Ant3_5210



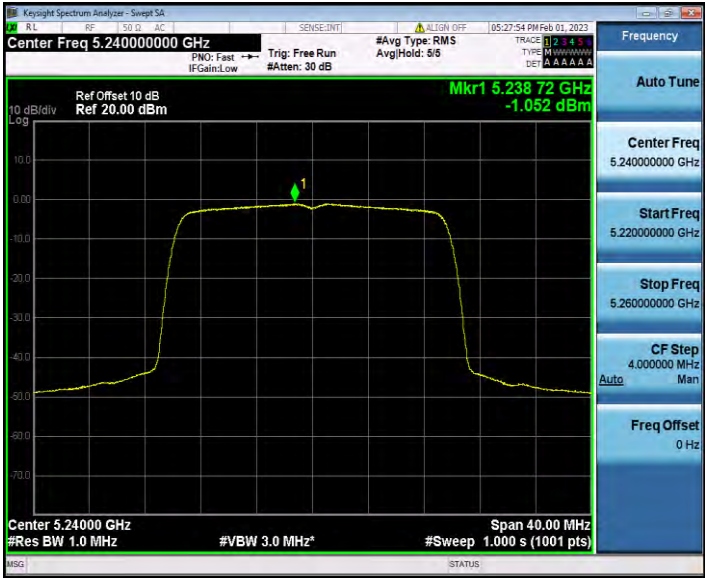
11AX20SISO_Ant3_5180



11AX20SISO_Ant3_5200



11AX20SISO_Ant3_5240



11AX40SISO_Ant3_5190



11AX40SISO_Ant3_5230



11AX80SISO_Ant3_5210



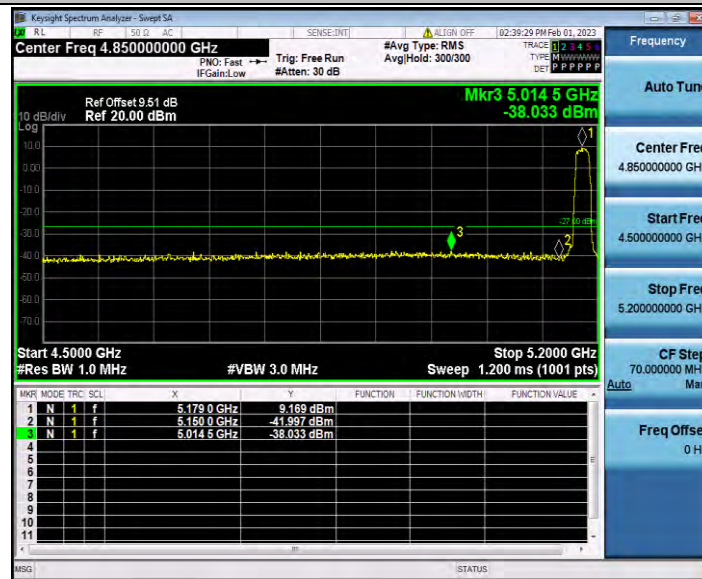
Appendix B.6: Band edge measurements

Test Result B1

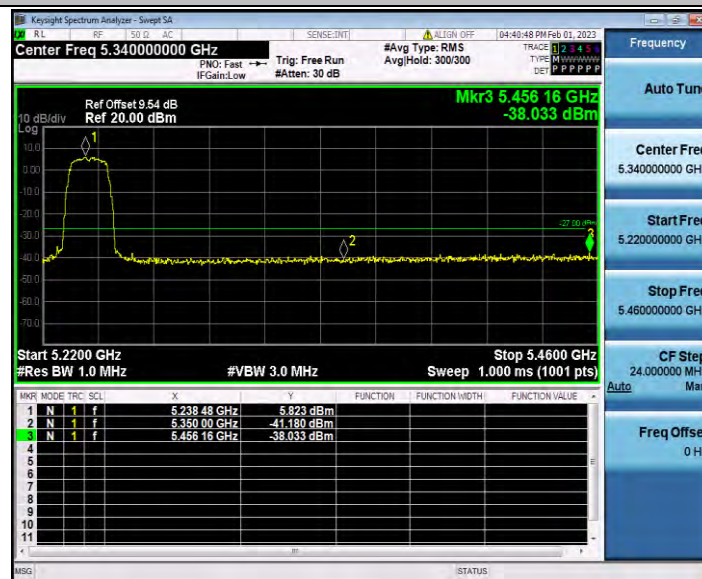
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant3	Low	5180	-38.03	≤ -27	PASS
		High	5240	-38.03	≤ -27	PASS
11N20SISO	Ant3	Low	5180	-37.98	≤ -27	PASS
		High	5240	-37.99	≤ -27	PASS
11N40SISO	Ant3	Low	5190	-38.01	≤ -27	PASS
		High	5230	-37.26	≤ -27	PASS
11AC20SISO	Ant3	Low	5180	-37.73	≤ -27	PASS
		High	5240	-38.16	≤ -27	PASS
11AC40SISO	Ant3	Low	5190	-36.8	≤ -27	PASS
		High	5230	-38.1	≤ -27	PASS
11AC80SISO	Ant3	Low	5210	-37.33	≤ -27	PASS
		High	5210	-37.96	≤ -27	PASS
11AX20SISO	Ant3	Low	5180	-38.12	≤ -27	PASS
		High	5240	-37.51	≤ -27	PASS
11AX40SISO	Ant3	Low	5190	-37.74	≤ -27	PASS
		High	5230	-37.99	≤ -27	PASS
11AX80SISO	Ant3	Low	5210	-36.47	≤ -27	PASS
		High	5210	-38.03	≤ -27	PASS

Test Graphs B1

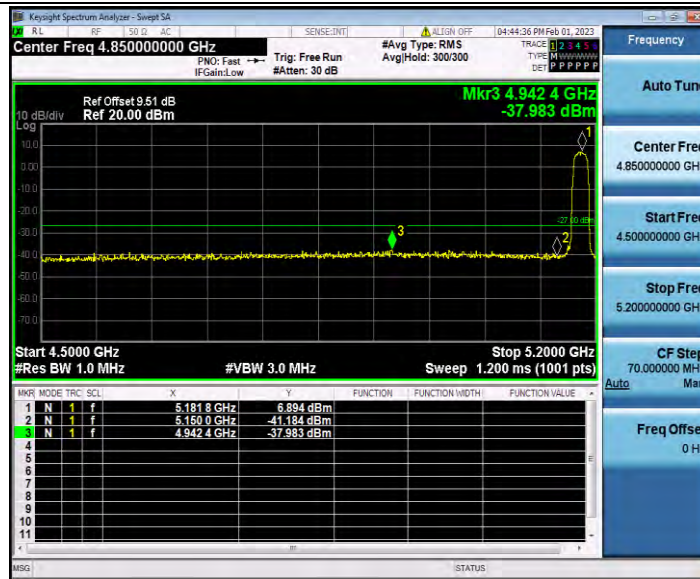
11A_Ant3_Low_5180



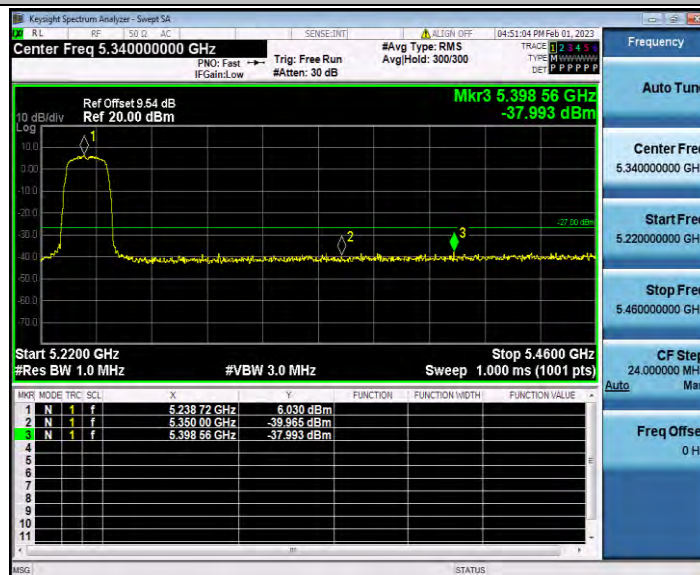
11A_Ant3_High_5240



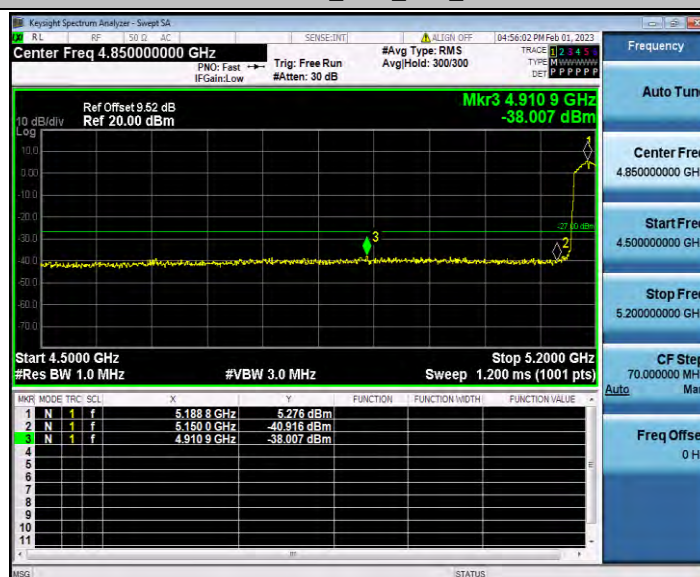
11N20SISO_Ant3_Low_5180



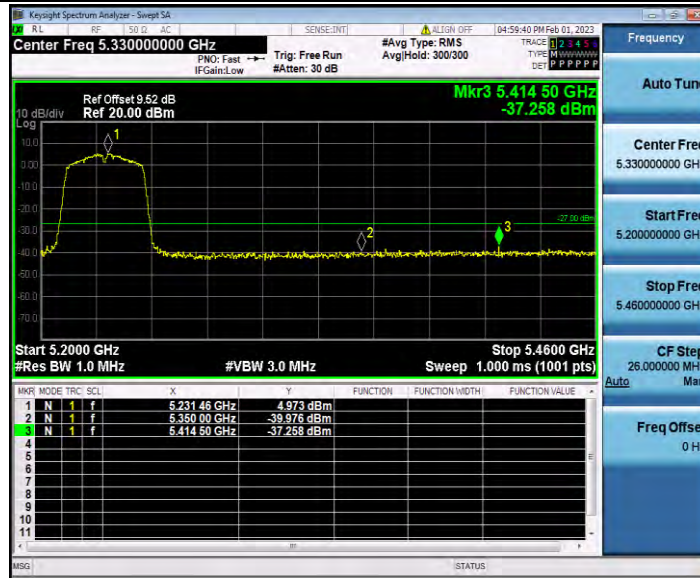
11N20SISO_Ant3_High_5240



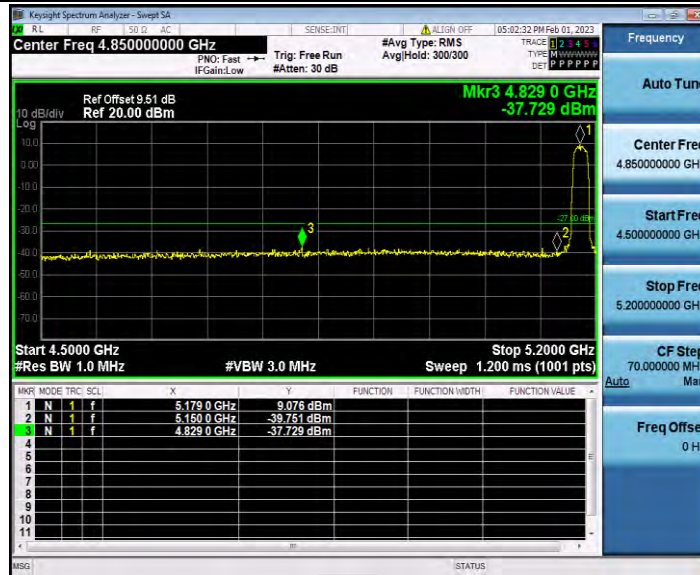
11N40SISO_Ant3_Low_5190



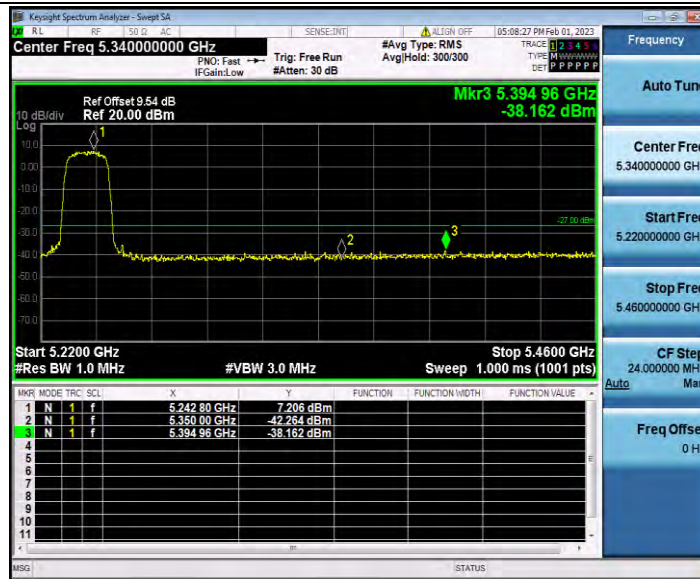
11N40SISO_Ant3_High_5230



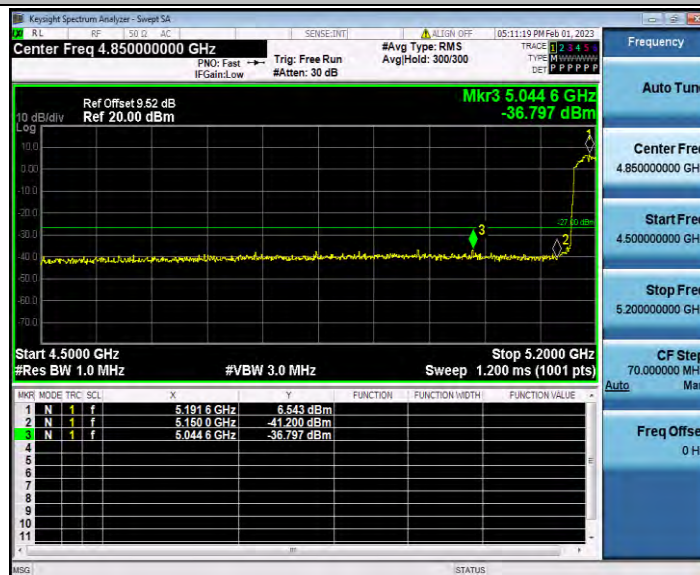
11AC20SISO_Ant3_Low_5180



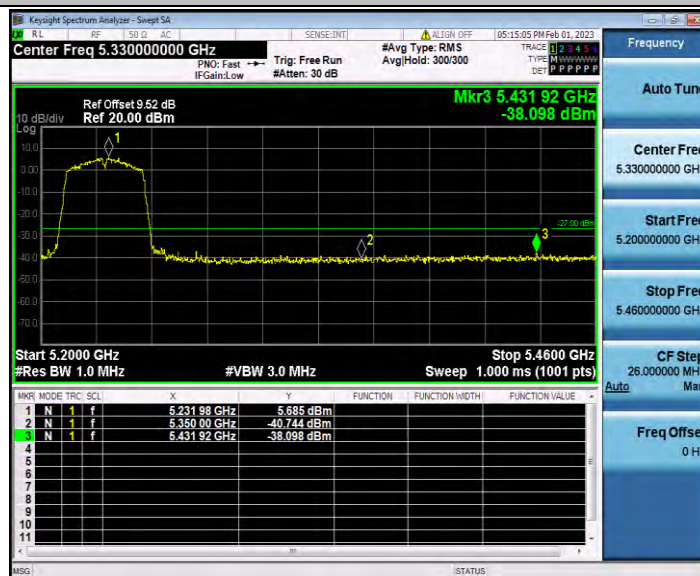
11AC20SISO_Ant3_High_5240



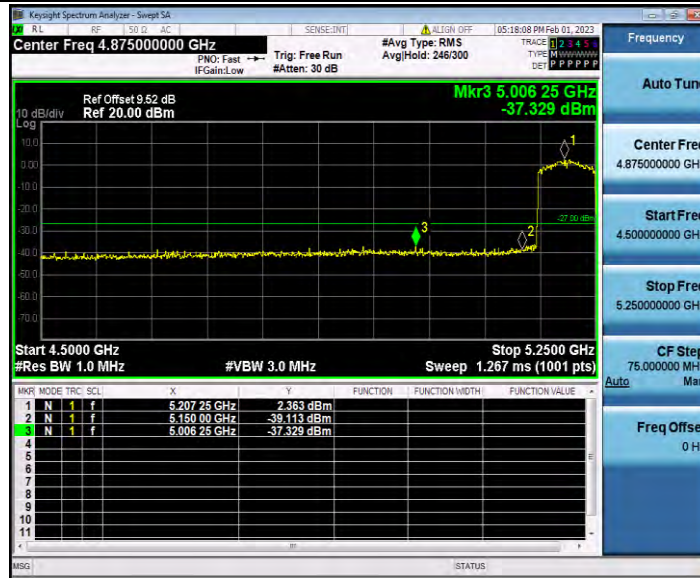
11AC40SISO_Ant3_Low_5190



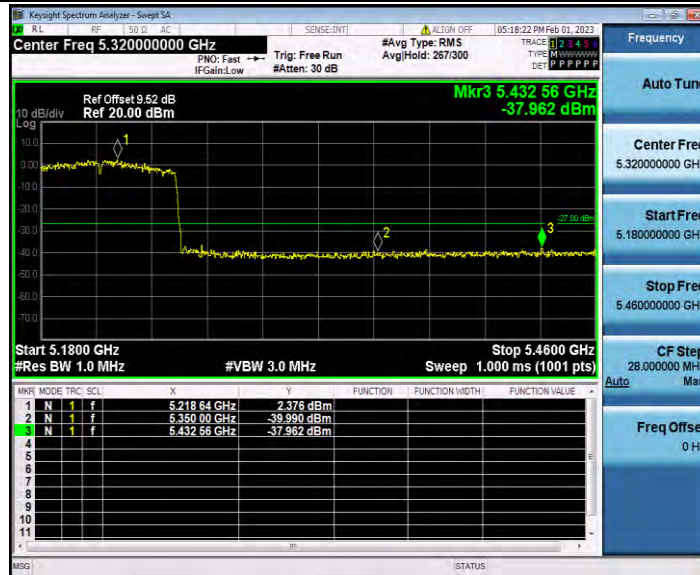
11AC40SISO_Ant3_High_5230



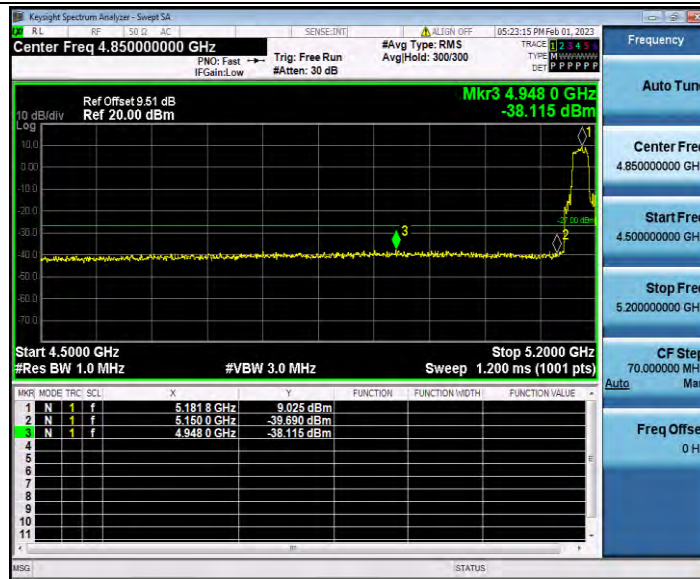
11AC80SISO_Ant3_Low_5210



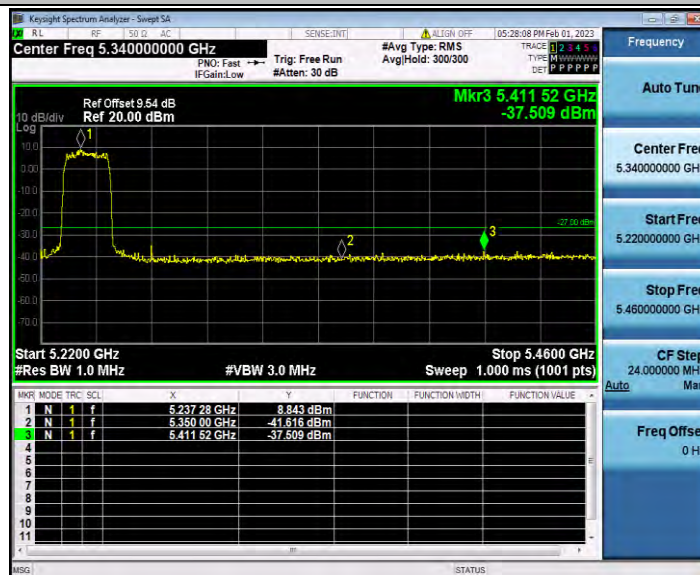
11AC80SISO_Ant3_High_5210



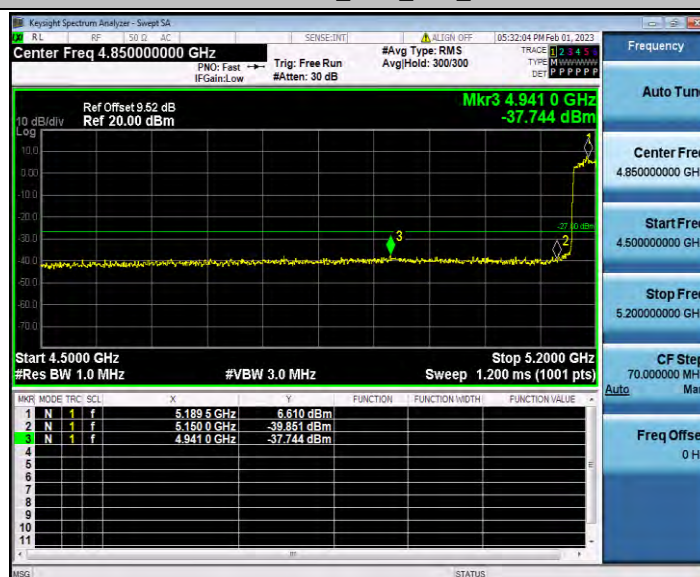
11AX20SISO_Ant3_Low_5180



11AX20SISO_Ant3_High_5240



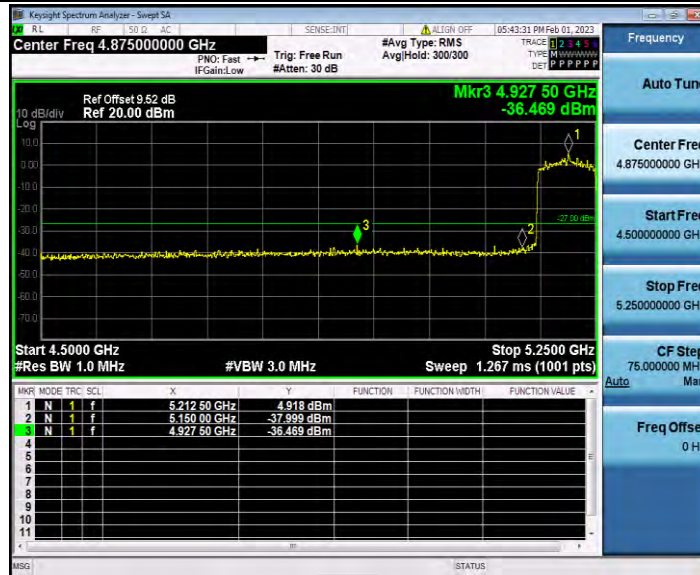
11AX40SISO_Ant3_Low_5190



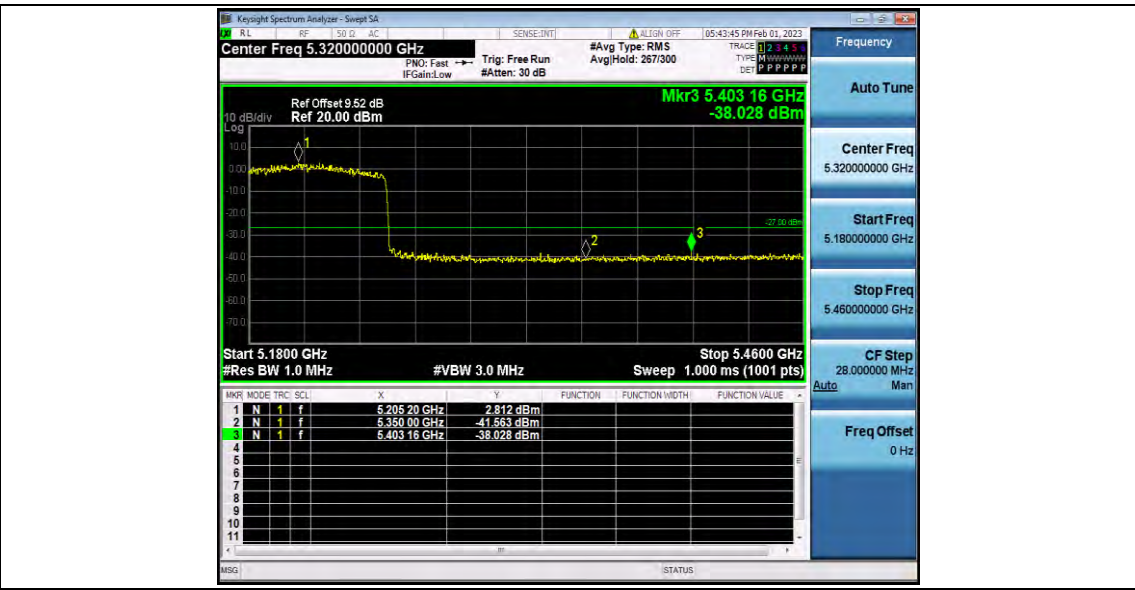
11AX40SISO_Ant3_High_5230



11AX80SISO_Ant3_Low_5210



11AX80SISO_Ant3_High_5210



Appendix B.7: Conducted Spurious Emission

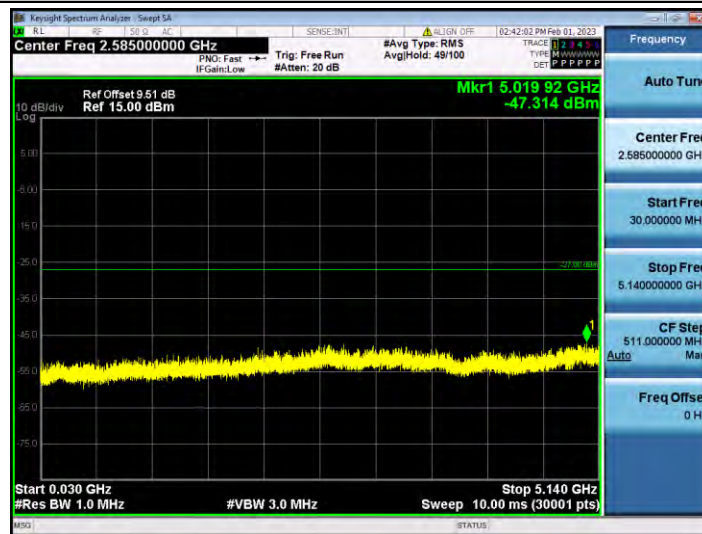
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant3	5180	30~5140	5019.92	-47.31	≤-27	PASS
			5360~40000	24194.73	-37.74	≤-27	PASS
		5200	30~5140	4901.36	-46.78	≤-27	PASS
			5360~40000	24784.06	-37.88	≤-27	PASS
		5240	30~5140	1748.49	-40.99	≤-27	PASS
			5360~40000	26488.57	-37.28	≤-27	PASS
11N20SISO	Ant3	5180	30~5140	4998.28	-46.65	≤-27	PASS
			5360~40000	26547.72	-37.85	≤-27	PASS
		5200	30~5140	5084.47	-47.22	≤-27	PASS
			5360~40000	23651.57	-37.38	≤-27	PASS
		5240	30~5140	2360.33	-46.82	≤-27	PASS
			5360~40000	26839.14	-37.7	≤-27	PASS
11N40SISO	Ant3	5190	30~5140	5005.1	-46.62	≤-27	PASS
			5360~40000	24293.56	-37.73	≤-27	PASS
		5230	30~5140	1737.42	-45.31	≤-27	PASS
			5360~40000	24277.69	-37.88	≤-27	PASS
11AC20SISO	Ant3	5180	30~5140	2642.06	-46.98	≤-27	PASS
			5360~40000	26008.17	-38.01	≤-27	PASS
		5200	30~5140	5138.64	-43.34	≤-27	PASS
			5360~40000	25863.9	-38.35	≤-27	PASS
		5240	30~5140	2632.86	-46.66	≤-27	PASS
			5360~40000	26686.22	-38.29	≤-27	PASS
11AC40SISO	Ant3	5190	30~5140	5130.63	-45.2	≤-27	PASS
			5360~40000	24234.41	-37.73	≤-27	PASS
		5230	30~5140	3159.7	-45.32	≤-27	PASS
			5360~40000	24269.03	-37.87	≤-27	PASS
11AC80SISO	Ant3	5210	30~5140	5134.55	-41.4	≤-27	PASS
			5360~40000	26888.91	-37.56	≤-27	PASS
11AX20SISO	Ant3	5180	30~5140	3411.97	-46.5	≤-27	PASS
			5360~40000	26046.4	-38.27	≤-27	PASS
		5200	30~5140	2808.82	-46.9	≤-27	PASS
			5360~40000	26088.96	-37.71	≤-27	PASS
		5240	30~5140	3044.9	-46.84	≤-27	PASS
			5360~40000	24201.95	-37.48	≤-27	PASS
11AX40SISO	Ant3	5190	30~5140	5140	-45.15	≤-27	PASS
			5360~40000	26630.68	-38.41	≤-27	PASS

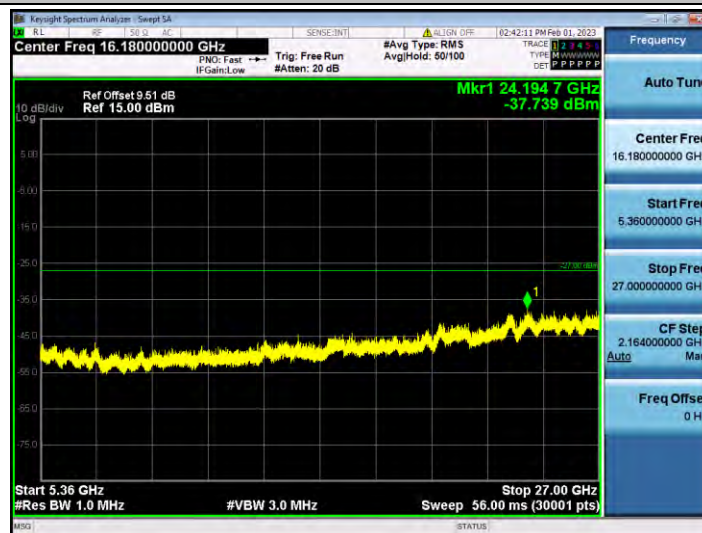
		5230	30~5140	5134.55	-39.98	≤-27	PASS
			5360~40000	26878.09	-38.21	≤-27	PASS
11AX80SISO	Ant3	5210	30~5140	5137.96	-42.02	≤-27	PASS
			5360~40000	24217.82	-37.22	≤-27	PASS

Test Graphs

11A_Ant3_5180_30~5140



11A_Ant3_5180_5360~40000



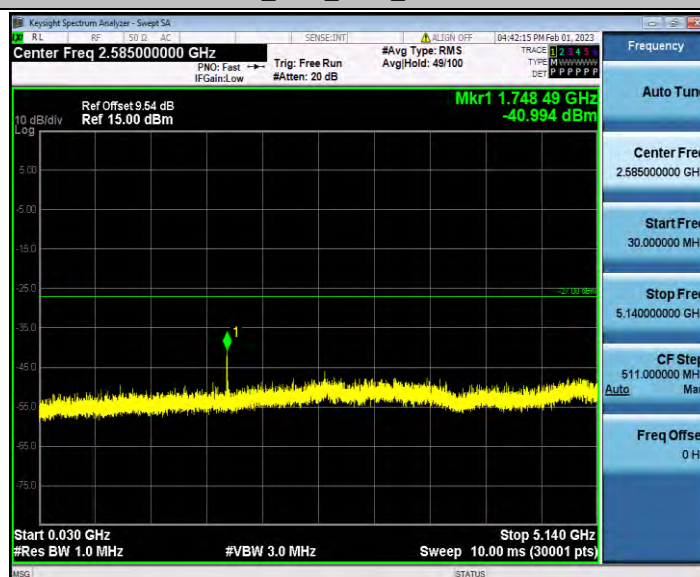
11A_Ant3_5200_30~5140



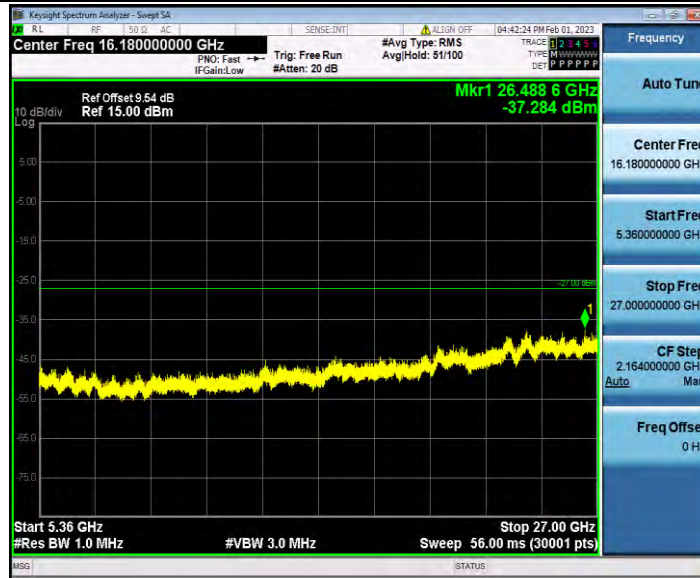
11A_Ant3_5200_5360~40000



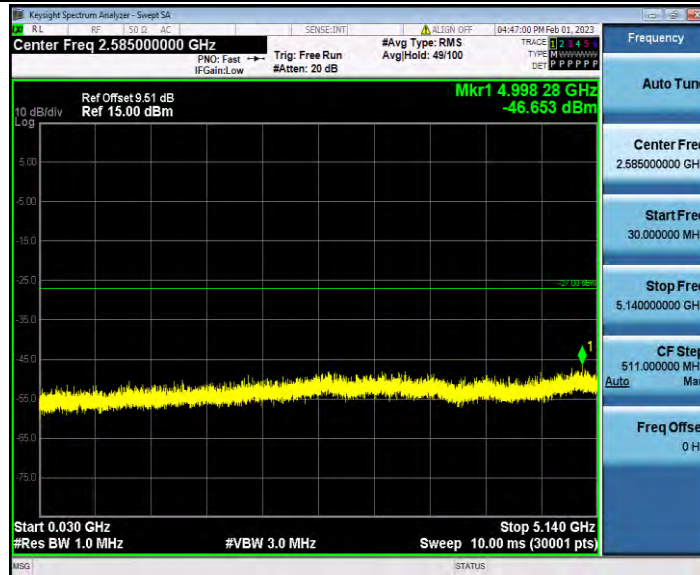
11A_Ant3_5240_30~5140



11A_Ant3_5240_5360~40000



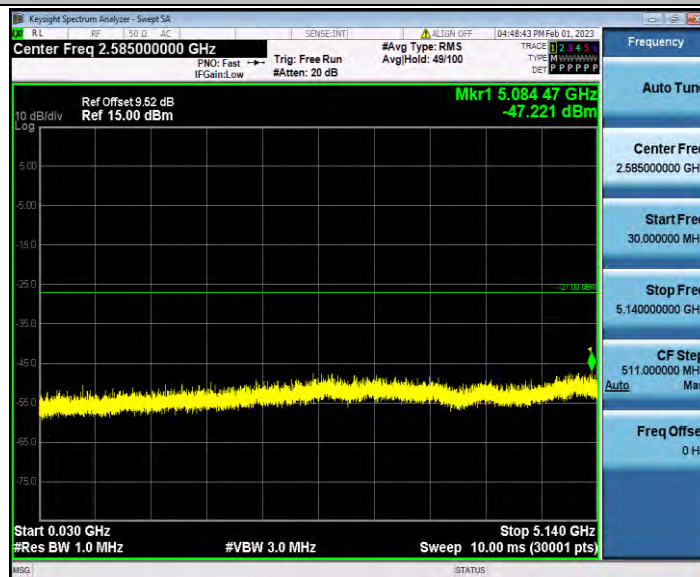
11N20SISO_Ant3_5180_30~5140



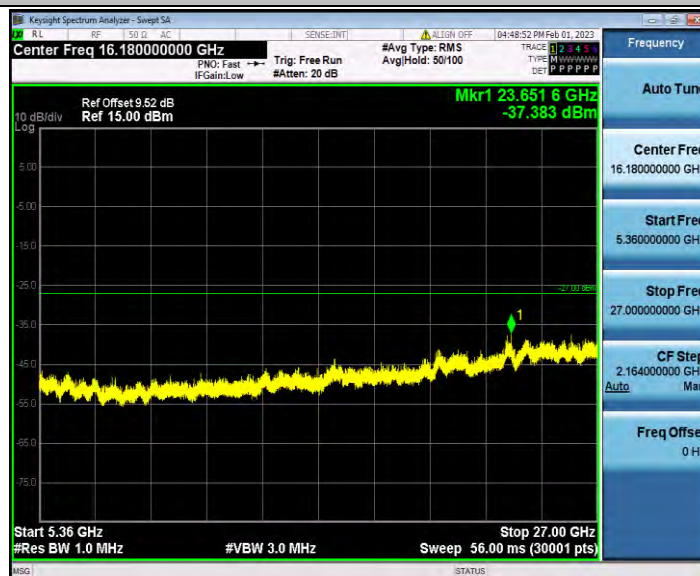
11N20SISO_Ant3_5180_5360~40000



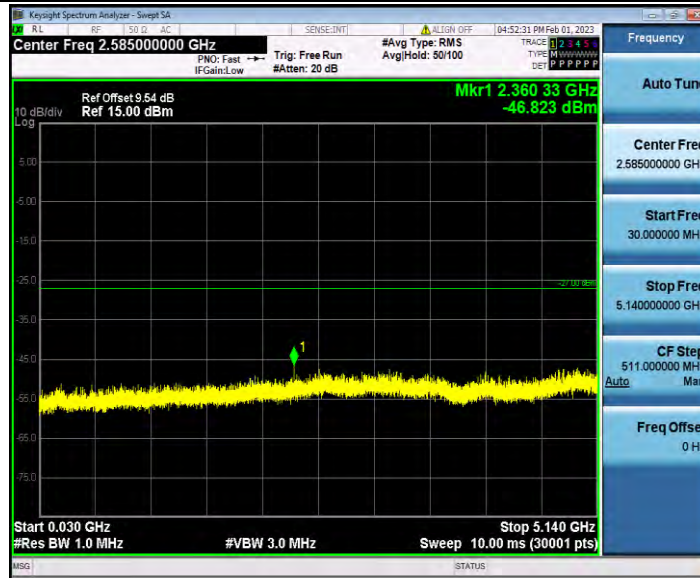
11N20SISO_Ant3_5200_30~5140



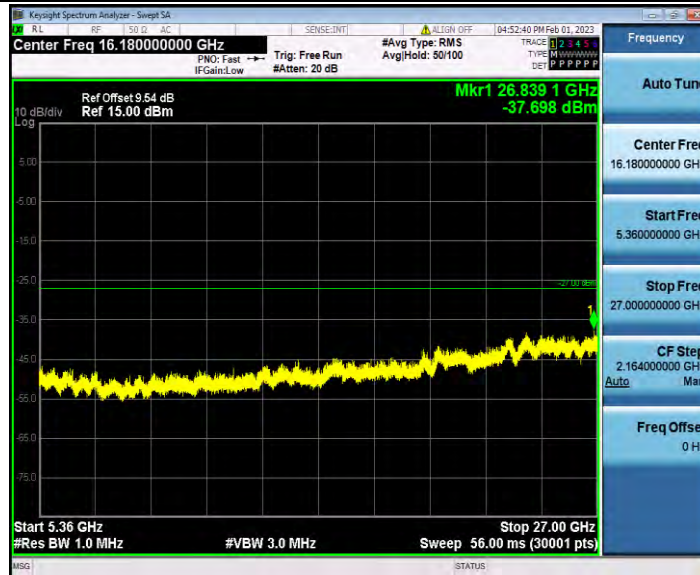
11N20SISO_Ant3_5200_5360~40000



11N20SISO_Ant3_5240_30~5140



11N20SISO_Ant3_5240_5360~40000



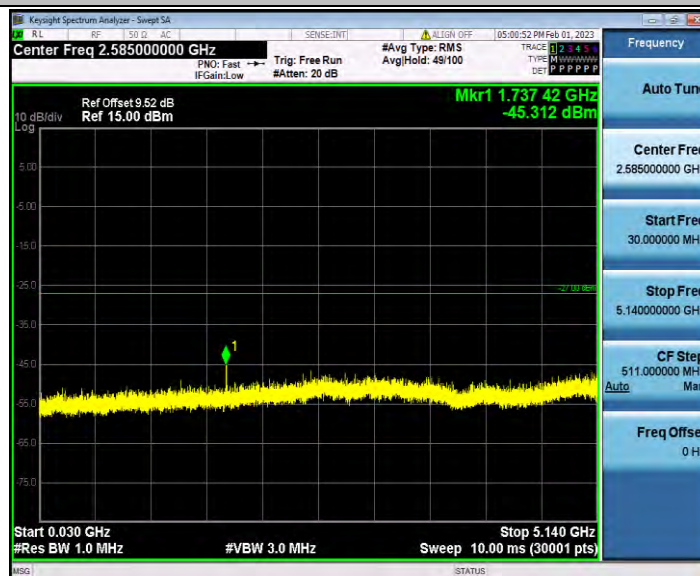
11N40SISO_Ant3_5190_30~5140



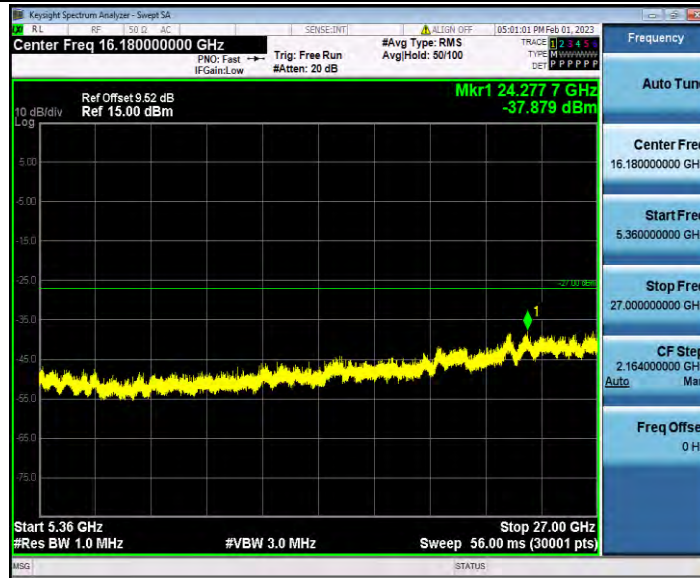
11N40SISO_Ant3_5190_5360~40000



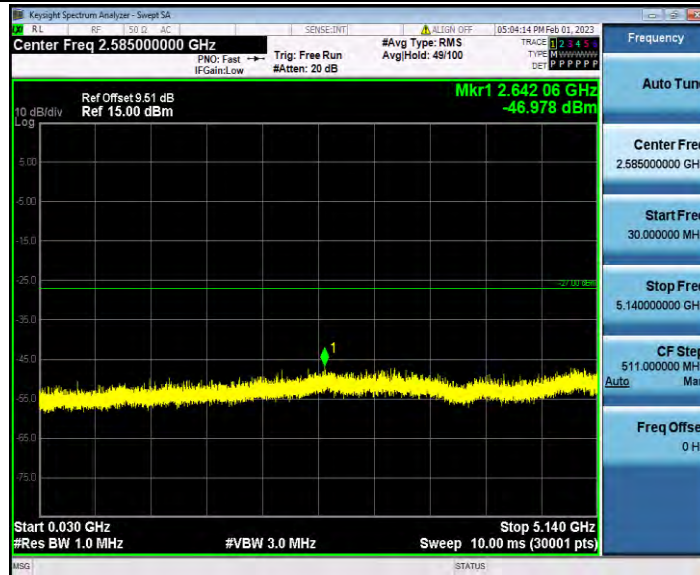
11N40SISO_Ant3_5230_30~5140



11N40SISO_Ant3_5230_5360~40000



11AC20SISO_Ant3_5180_30~5140



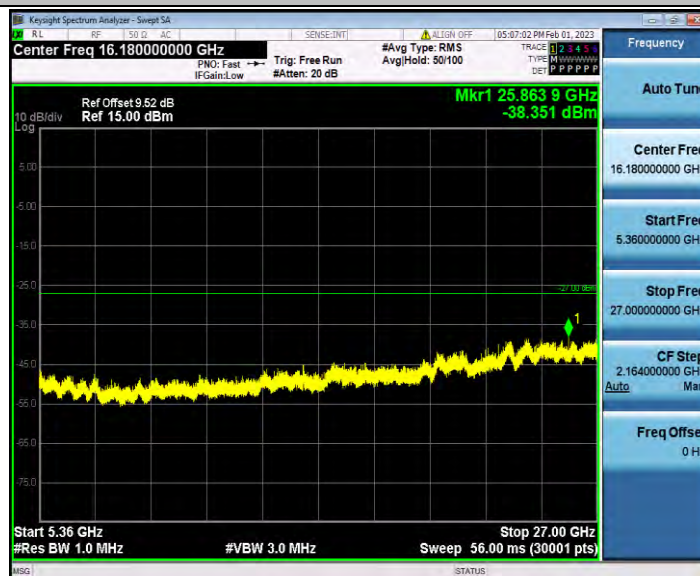
11AC20SISO_Ant3_5180_5360~40000



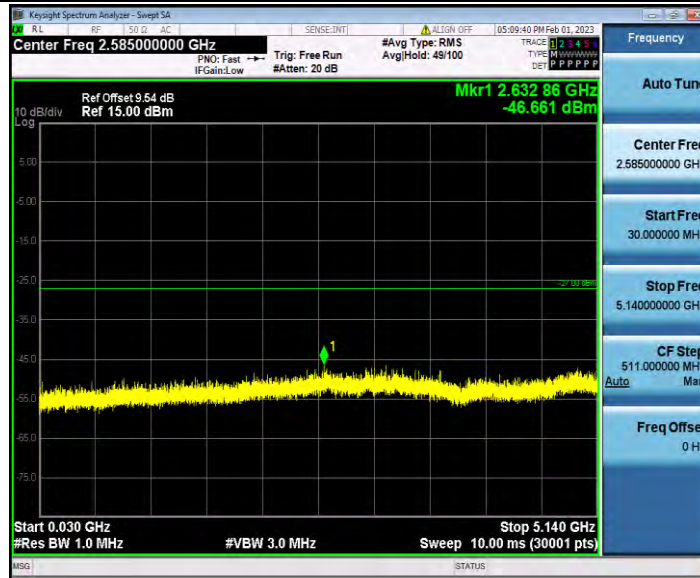
11AC20SISO_Ant3_5200_30~5140



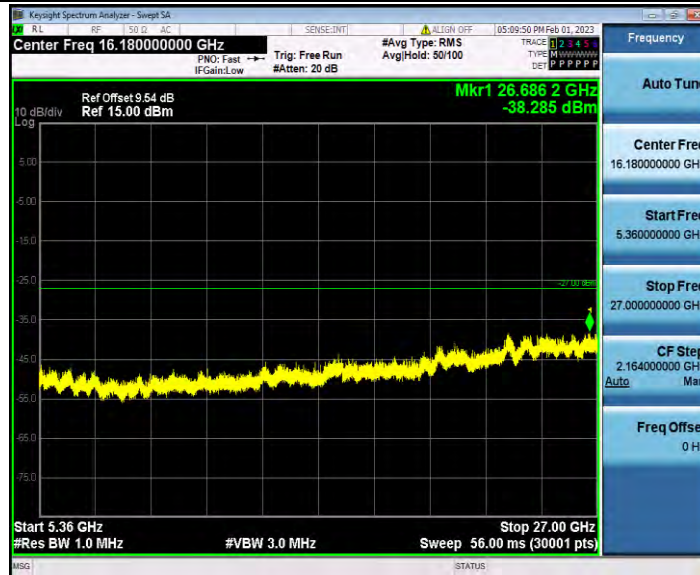
11AC20SISO_Ant3_5200_5360~40000



11AC20SISO_Ant3_5240_30~5140



11AC20SISO_Ant3_5240_5360~40000



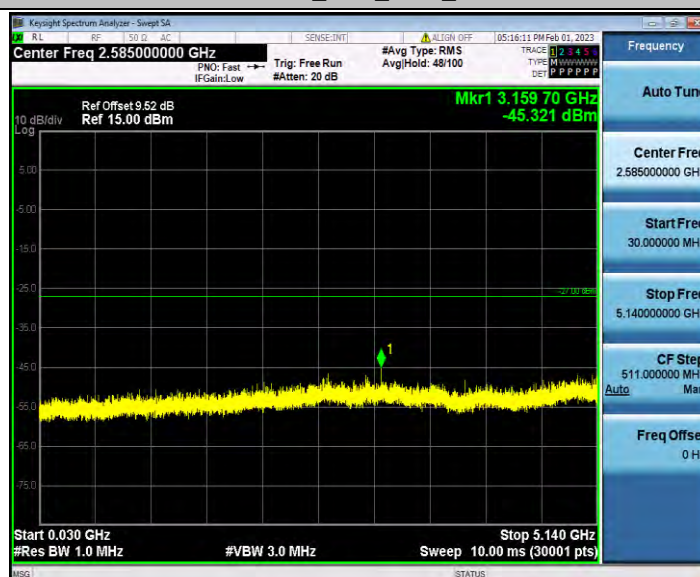
11AC40SISO_Ant3_5190_30~5140



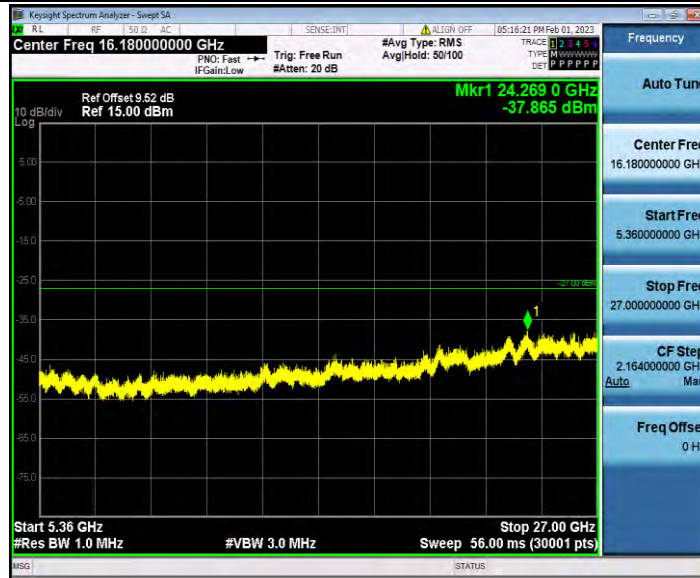
11AC40SISO_Ant3_5190_5360~40000



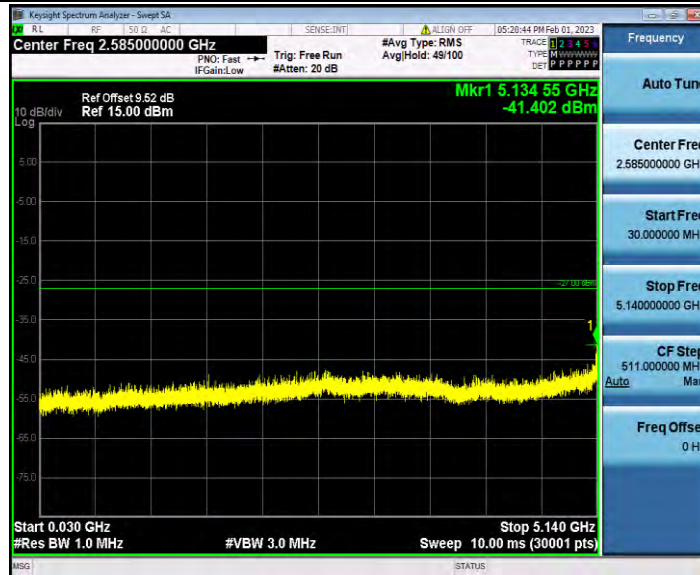
11AC40SISO_Ant3_5230_30~5140



11AC40SISO_Ant3_5230_5360~40000



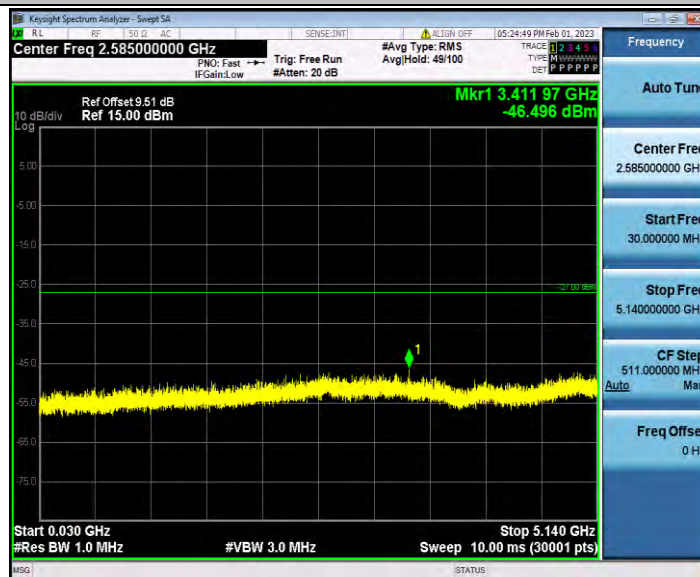
11AC80SISO_Ant3_5210_30~5140



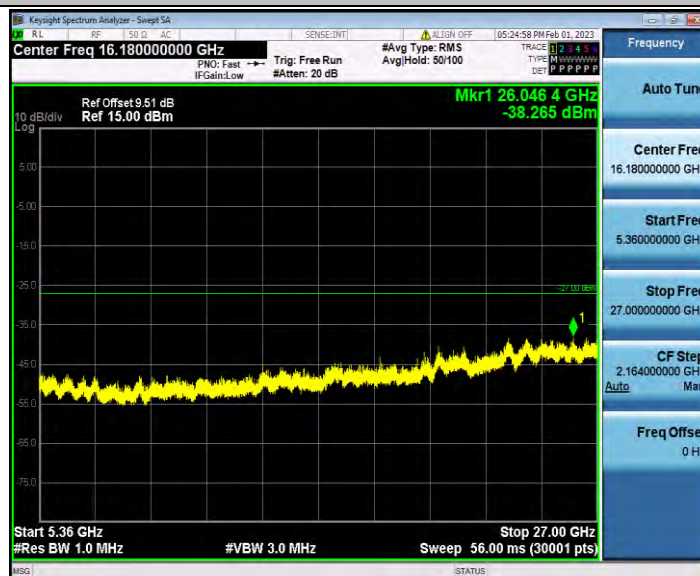
11AC80SISO_Ant3_5210_5360~40000



11AX20SISO_Ant3_5180_30~5140



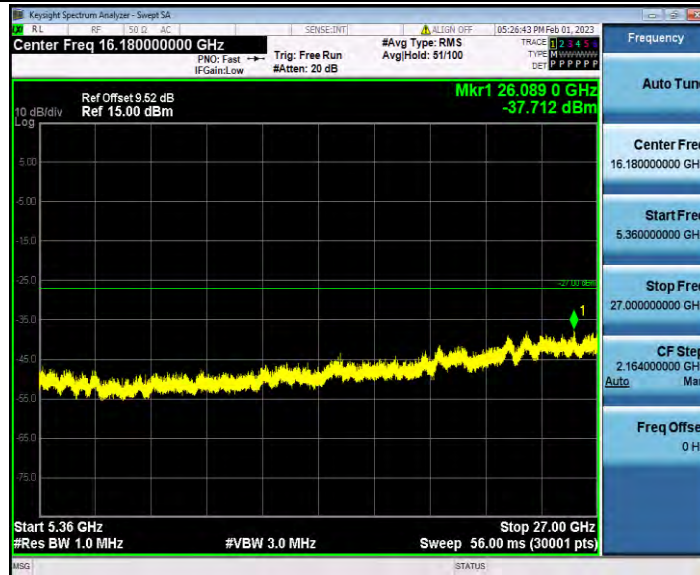
11AX20SISO_Ant3_5180_5360~40000



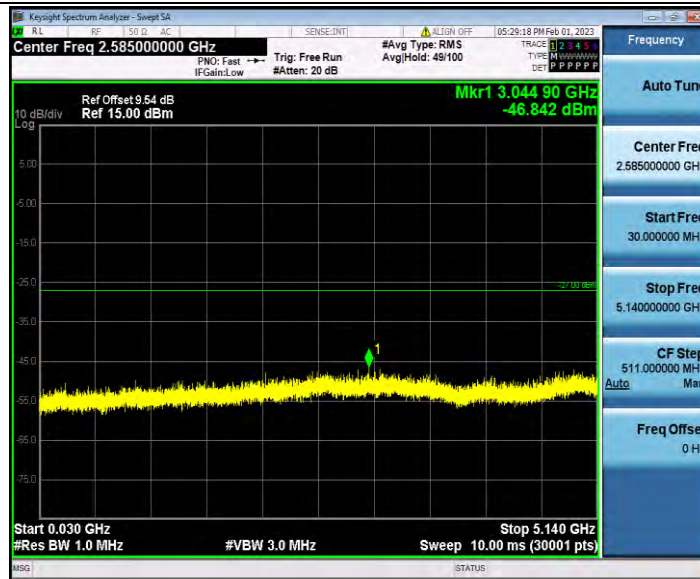
11AX20SISO_Ant3_5200_30~5140



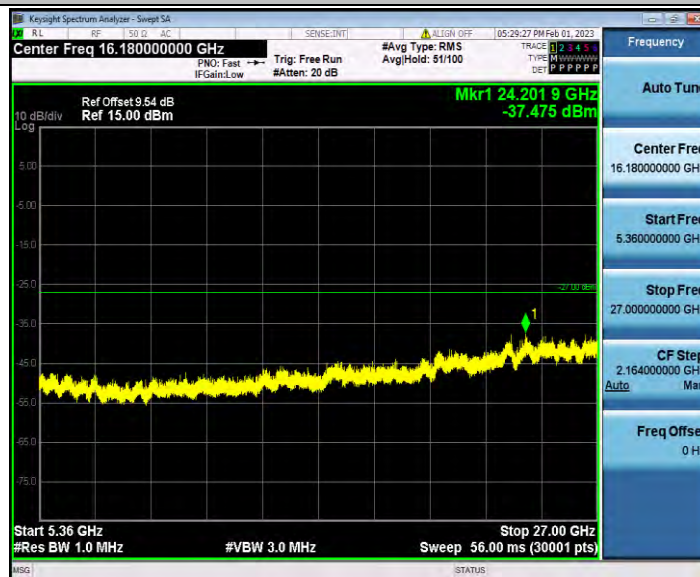
11AX20SISO_Ant3_5200_5360~40000



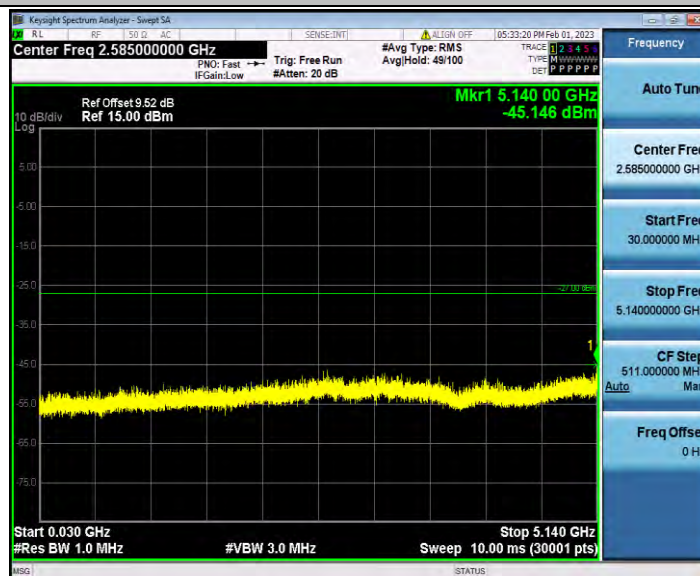
11AX20SISO_Ant3_5240_30~5140



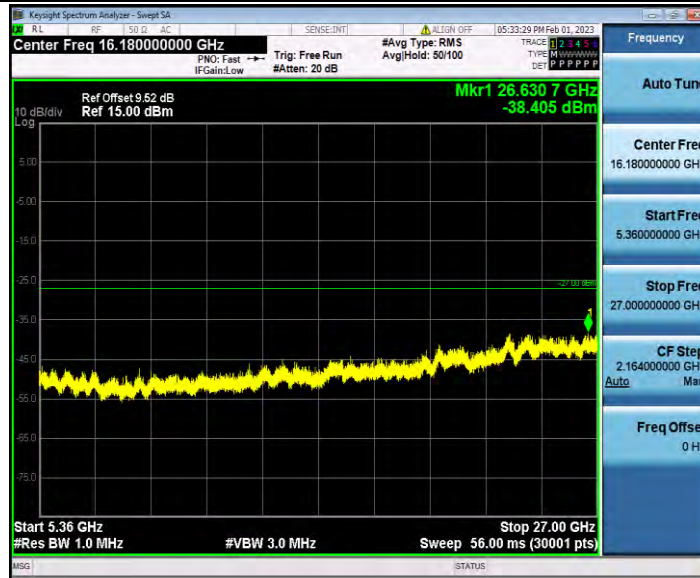
11AX20SISO_Ant3_5240_5360~40000



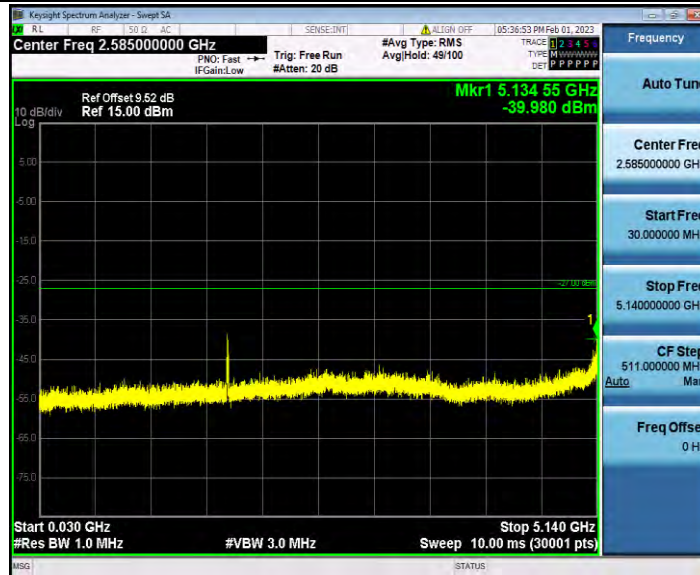
11AX40SISO_Ant3_5190_30~5140



11AX40SISO_Ant3_5190_5360~40000



11AX40SISO_Ant3_5230_30~5140



11AX40SISO_Ant3_5230_5360~40000



11AX80SISO_Ant3_5210_30~5140



11AX80SISO_Ant3_5210_5360~40000

