

Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.60	41.18	3.85	16.45	≤23.98	PASS
		5200	12.88	37.50	4.26	17.14	≤23.98	PASS
		5240	12.72	41.18	3.85	16.57	≤23.98	PASS
11N20SISO	Ant1	5180	13.01	41.18	3.85	16.86	≤23.98	PASS
		5200	13.14	44.44	3.52	16.66	≤23.98	PASS
		5240	13.03	44.44	3.52	16.55	≤23.98	PASS
11N40SISO	Ant1	5190	11.19	37.50	4.26	15.45	≤23.98	PASS
		5230	11.52	40.00	3.98	15.50	≤23.98	PASS
11AC20SISO	Ant1	5180	13.10	50.00	3.01	16.11	≤23.98	PASS
		5200	13.05	50.00	3.01	16.06	≤23.98	PASS
		5240	13.00	50.00	3.01	16.01	≤23.98	PASS
11AC40SISO	Ant1	5190	12.20	43.75	3.59	15.79	≤23.98	PASS
		5230	12.14	43.75	3.59	15.73	≤23.98	PASS
11AC80SISO	Ant1	5210	10.85	40.00	3.98	14.83	≤23.98	PASS
11AX20SISO	Ant1	5180	12.89	50.00	3.01	15.90	≤23.98	PASS
		5200	12.92	50.00	3.01	15.93	≤23.98	PASS
		5240	12.85	50.00	3.01	15.86	≤23.98	PASS
11AX40SISO	Ant1	5190	12.42	50.00	3.01	15.43	≤23.98	PASS
		5230	12.37	47.06	3.27	15.64	≤23.98	PASS
11AX80SISO	Ant1	5210	11.36	43.75	3.59	14.95	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	5.71	≤11.00	PASS
		5200	6.27	≤11.00	PASS
		5240	5.81	≤11.00	PASS
11N20SISO	Ant1	5180	5.88	≤11.00	PASS
		5200	5.65	≤11.00	PASS
		5240	5.58	≤11.00	PASS
11N40SISO	Ant1	5190	3.40	≤11.00	PASS
		5230	2.04	≤11.00	PASS
11AC20SISO	Ant1	5180	5.11	≤11.00	PASS
		5200	5.20	≤11.00	PASS
		5240	5.21	≤11.00	PASS
11AC40SISO	Ant1	5190	2.38	≤11.00	PASS
		5230	2.33	≤11.00	PASS
11AC80SISO	Ant1	5210	-2.07	≤11.00	PASS
11AX20SISO	Ant1	5180	4.93	≤11.00	PASS
		5200	4.93	≤11.00	PASS
		5240	4.97	≤11.00	PASS
11AX40SISO	Ant1	5190	1.68	≤11.00	PASS
		5230	1.92	≤11.00	PASS
11AX80SISO	Ant1	5210	-1.94	≤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



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



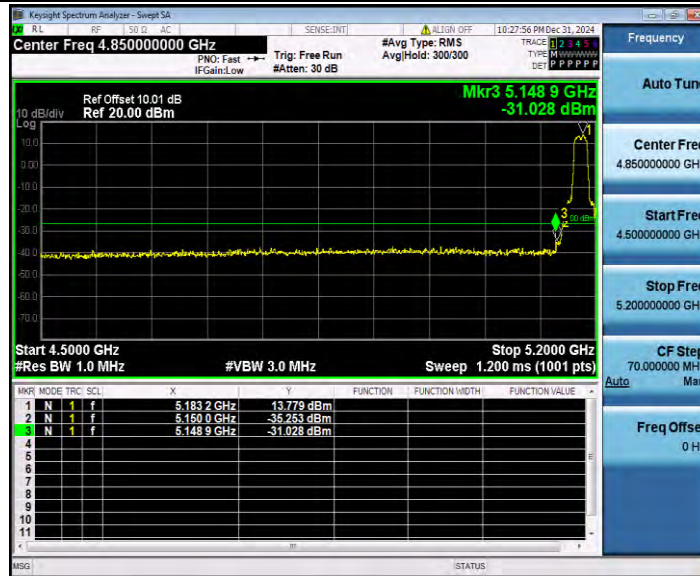
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-31.03	≤ -27	PASS
		High	5240	-37.32	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-34.11	≤ -27	PASS
		High	5240	-37.34	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.62	≤ -27	PASS
		High	5230	-37.76	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-34.91	≤ -27	PASS
		High	5240	-37.39	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-28.04	≤ -27	PASS
		High	5230	-37.24	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-35.71	≤ -27	PASS
		High	5210	-37.77	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-36.63	≤ -27	PASS
		High	5240	-37.85	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-28.41	≤ -27	PASS
		High	5230	-37.4	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-28.14	≤ -27	PASS
		High	5210	-37.47	≤ -27	PASS

Test Graphs B1

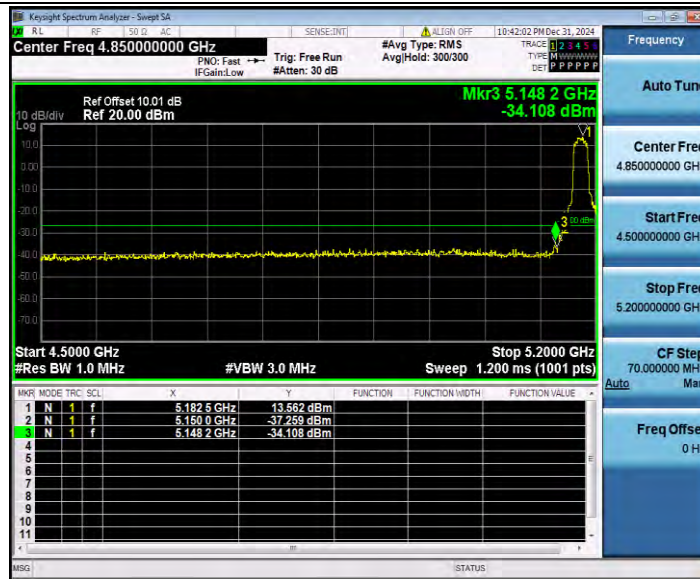
11A_Ant1_Low_5180



11A_Ant1_High_5240



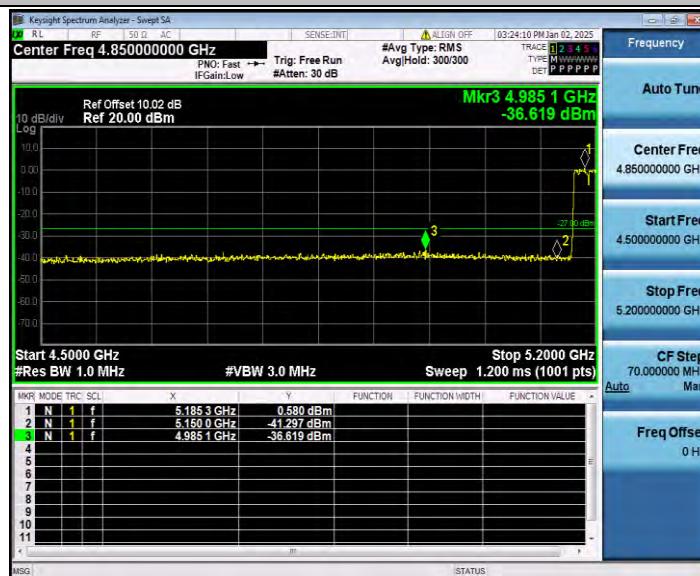
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



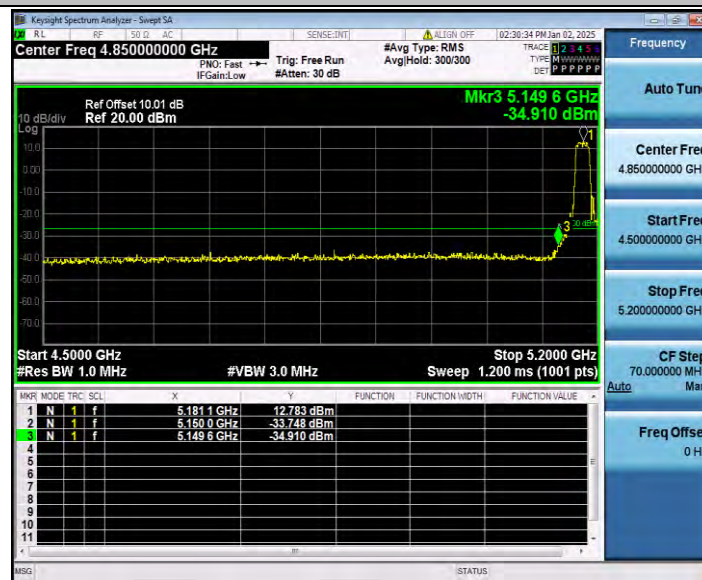
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



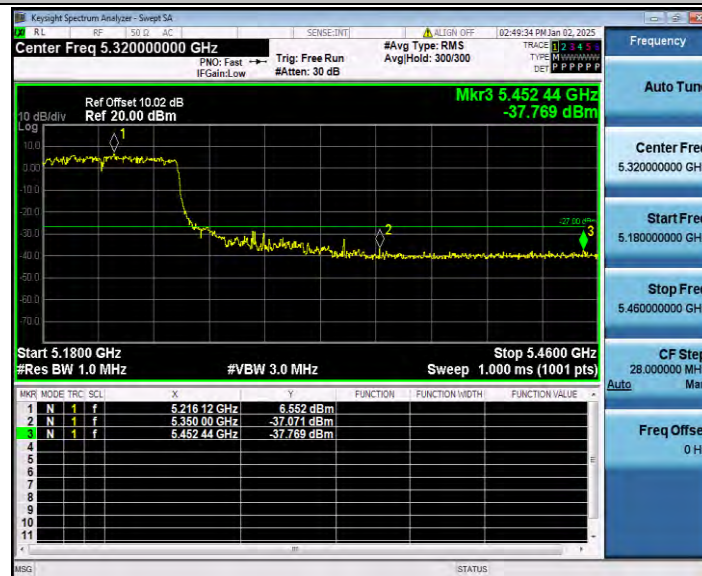
11AC40SISO_Ant1_High_5230



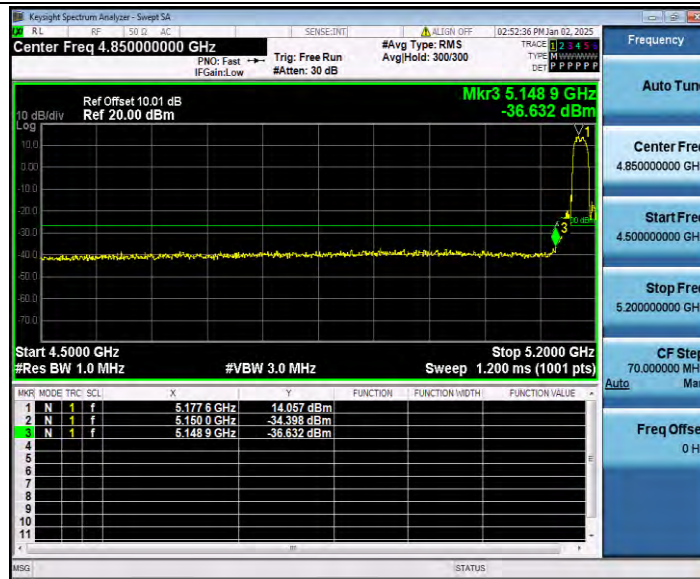
11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



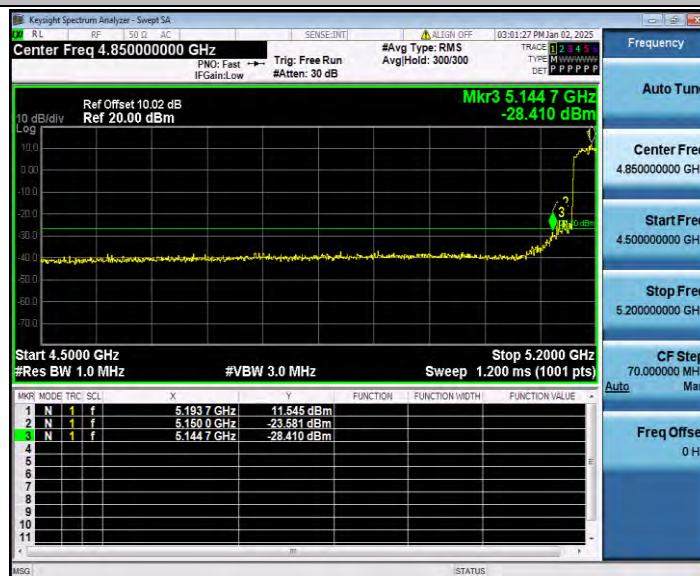
11AX20SISO_Ant1_Low_5180



11AX20SISO_Ant1_High_5240



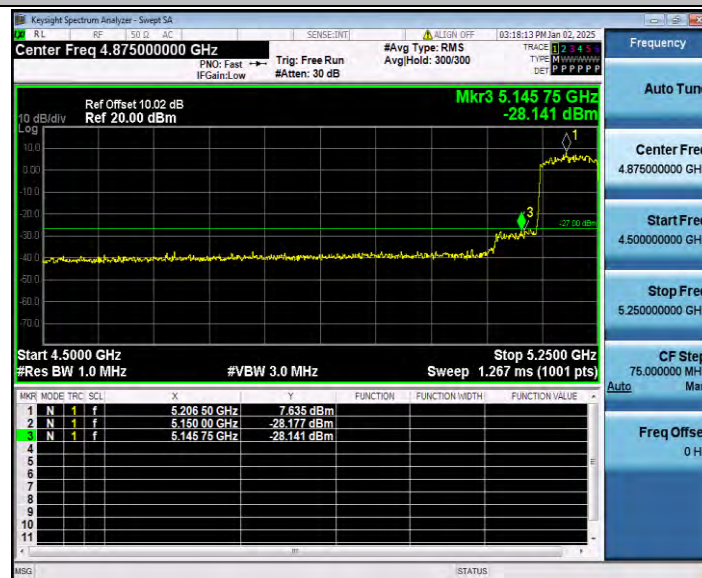
11AX40SISO_Ant1_Low_5190



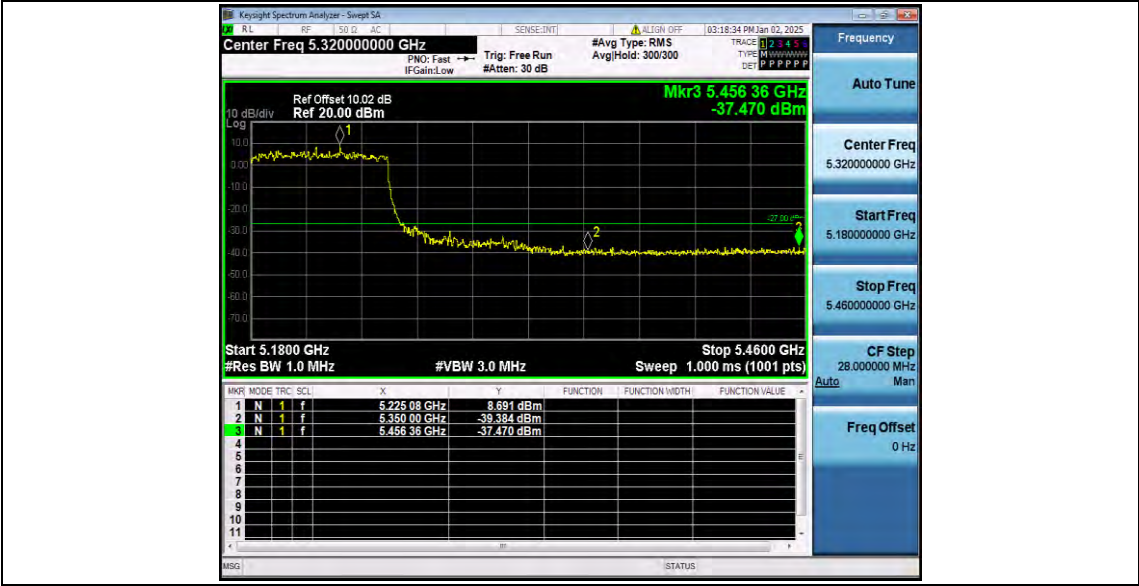
11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



11AX80SISO_Ant1_High_5210



Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5022.64	-43.21	≤-27	PASS
			5360~27000	26525.36	-37.27	≤-27	PASS
		5200	30~5140	5125.01	-43.85	≤-27	PASS
			5360~27000	23516.68	-36.99	≤-27	PASS
		5240	30~5140	5079.19	-43.6	≤-27	PASS
			5360~27000	24839.61	-37.31	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5102.36	-43.74	≤-27	PASS
			5360~27000	24784.06	-36.75	≤-27	PASS
		5200	30~5140	5042.57	-43.46	≤-27	PASS
			5360~27000	26079.58	-37.29	≤-27	PASS
		5240	30~5140	5076.81	-44.84	≤-27	PASS
			5360~27000	25143.29	-37.81	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5138.3	-29.78	≤-27	PASS
			5360~27000	24877.12	-36.6	≤-27	PASS
		5230	30~5140	5137.62	-36.62	≤-27	PASS
			5360~27000	26003.84	-37.58	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5096.22	-43.74	≤-27	PASS
			5360~27000	24276.25	-37.54	≤-27	PASS
		5200	30~5140	5120.92	-44.87	≤-27	PASS
			5360~27000	24246.67	-37.73	≤-27	PASS
		5240	30~5140	5079.19	-44.55	≤-27	PASS
			5360~27000	23505.86	-37.59	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5140	-32.24	≤-27	PASS
			5360~27000	24196.9	-37.07	≤-27	PASS
		5230	30~5140	5064.03	-44.69	≤-27	PASS
			5360~27000	24222.15	-37.6	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5128.08	-28.53	≤-27	PASS
			5360~27000	25252.21	-37.7	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	5137.27	-39.49	≤-27	PASS
			5360~27000	24331.07	-37.73	≤-27	PASS
		5200	30~5140	5041.21	-43.57	≤-27	PASS
			5360~27000	24237.29	-37.02	≤-27	PASS
		5240	30~5140	5082.77	-44.96	≤-27	PASS
			5360~27000	24844.66	-37.55	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5133.19	-34.84	≤-27	PASS
			5360~27000	26047.84	-37.31	≤-27	PASS

		5230	30~5140	5075.78	-45.32	≤ -27	PASS
			5360~27000	26986.29	-37.63	≤ -27	PASS
11AX80SISO	Ant1	5210	30~5140	5118.54	-29.04	≤ -27	PASS
			5360~27000	26828.32	-36.66	≤ -27	PASS

Test Graphs

11A_Ant1_5180_30~5140



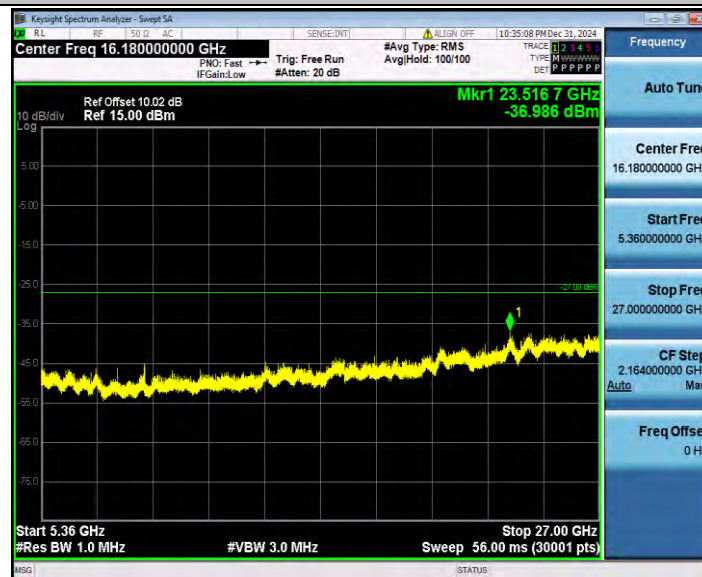
11A_Ant1_5180_5360~27000



11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



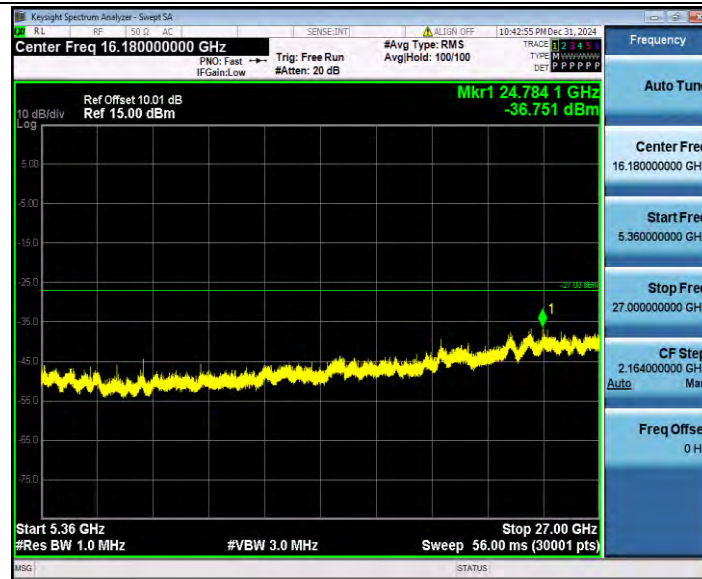
11A_Ant1_5240_5360~27000



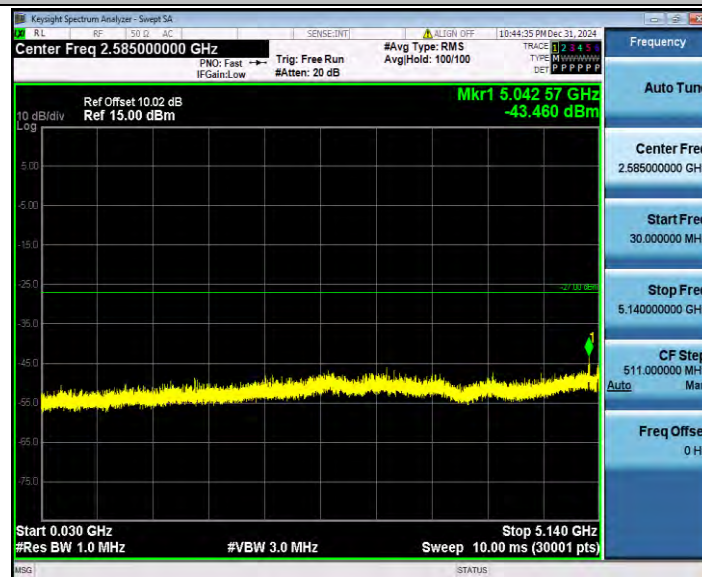
11N20SISO_Ant1_5180_30~5140



11N20SISO_Ant1_5180_5360~27000



11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



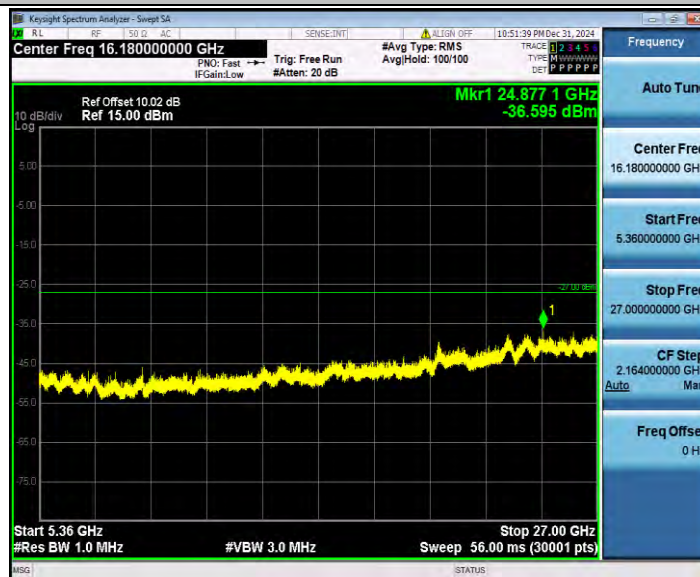
11N20SISO_Ant1_5240_5360~27000



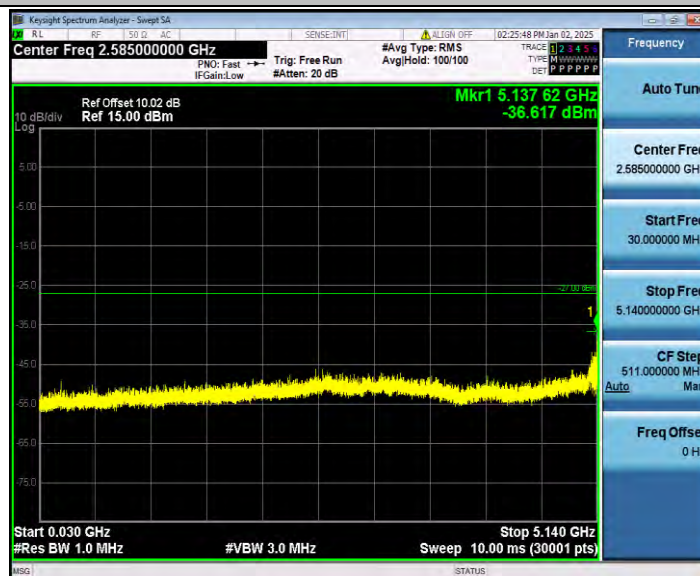
11N40SISO_Ant1_5190_30~5140

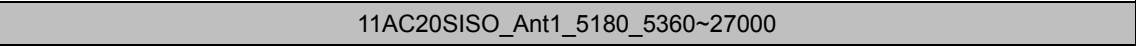
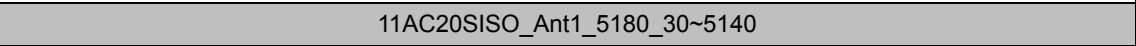


11N40SISO_Ant1_5190_5360~27000



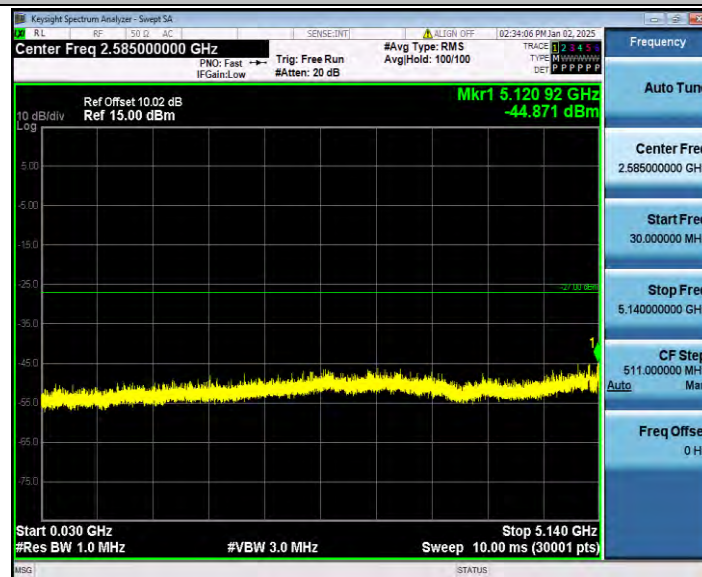
11N40SISO_Ant1_5230_30~5140



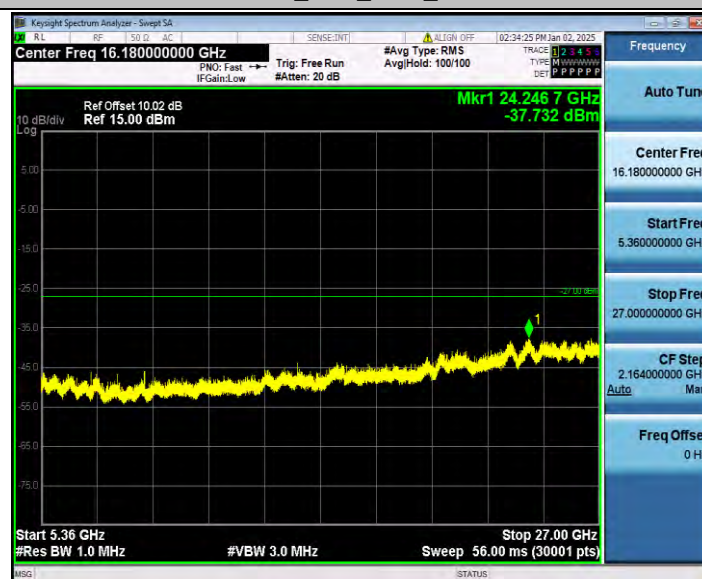




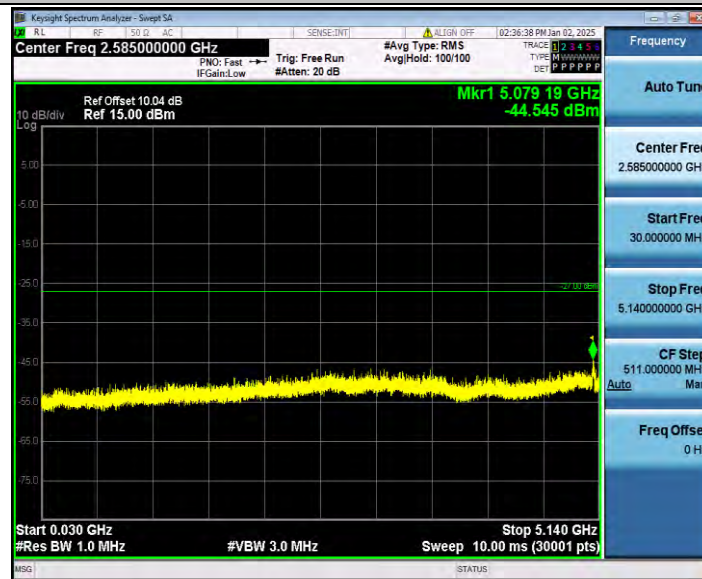
11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



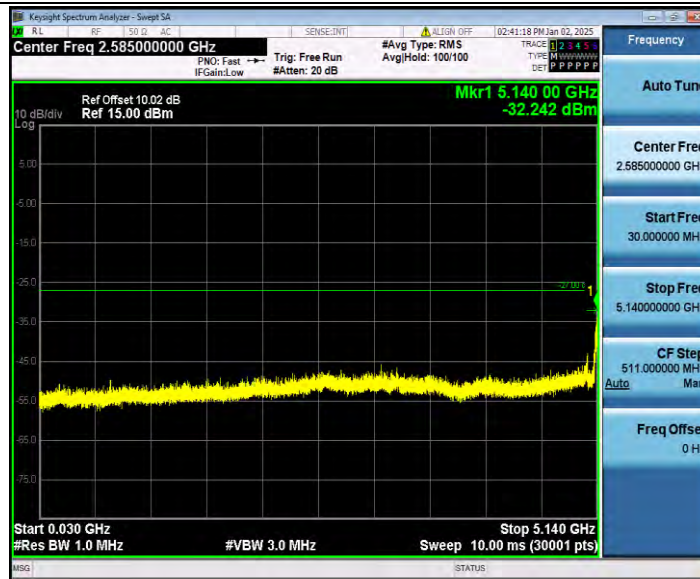
11AC20SISO_Ant1_5240_30~5140



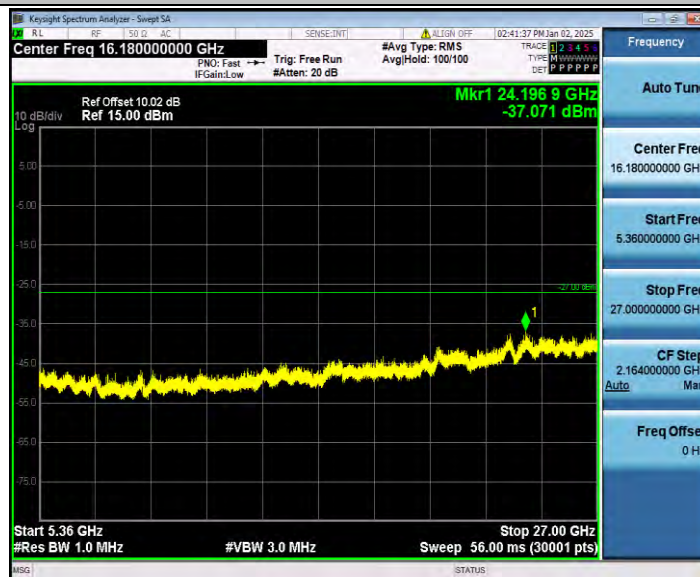
11AC20SISO_Ant1_5240_5360~27000



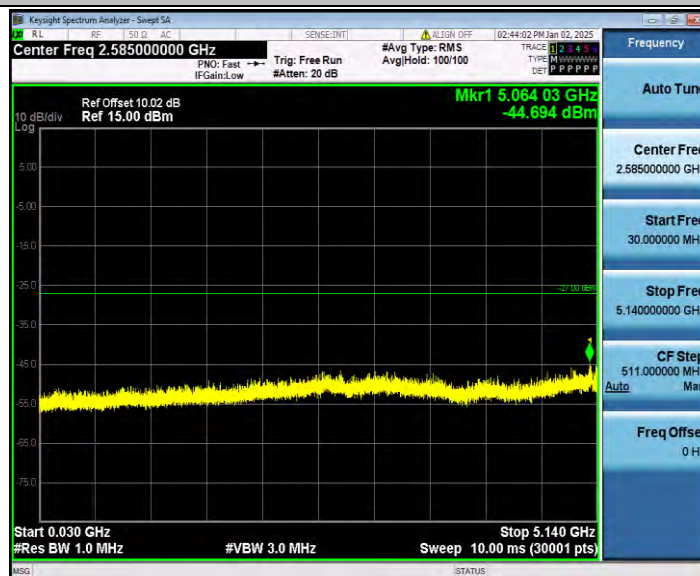
11AC40SISO_Ant1_5190_30~5140



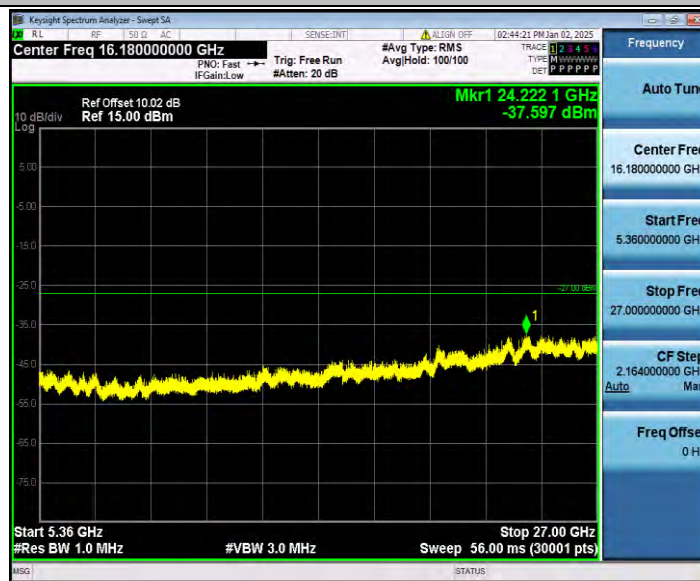
11AC40SISO_Ant1_5190_5360~27000



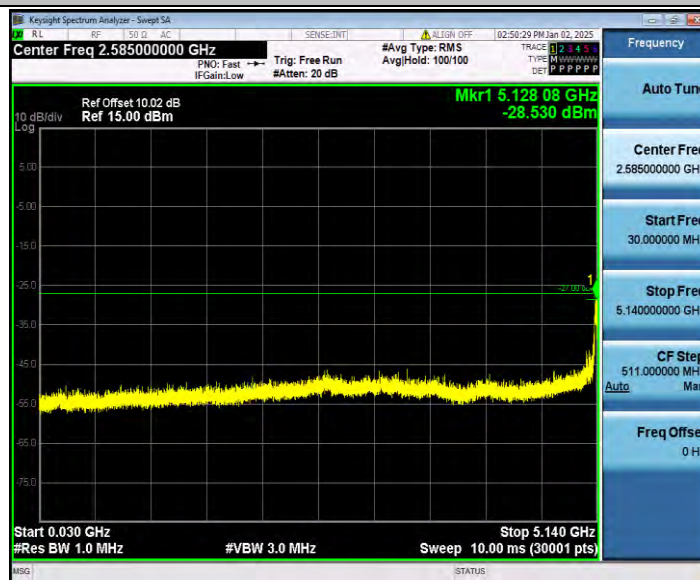
11AC40SISO_Ant1_5230_30~5140



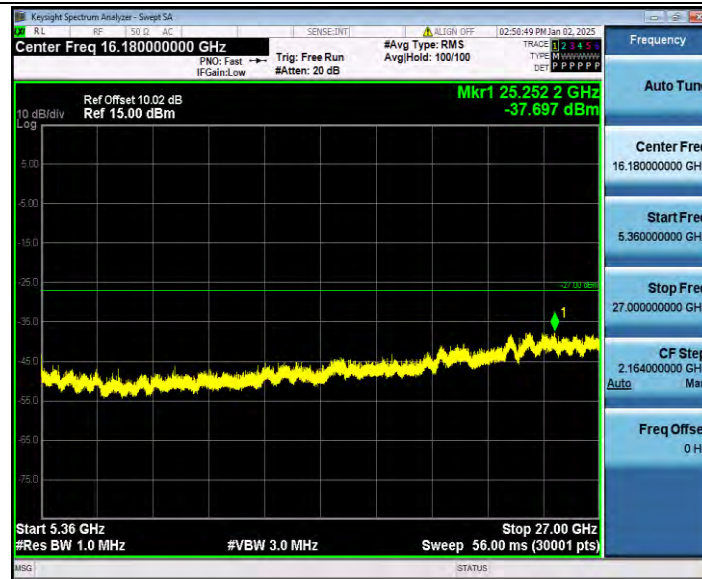
11AC40SISO_Ant1_5230_5360~27000



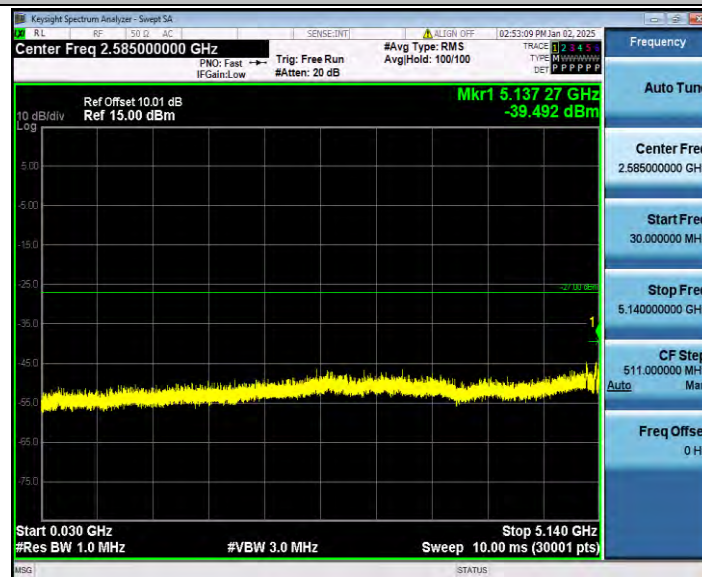
11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000



11AX20SISO_Ant1_5180_30~5140



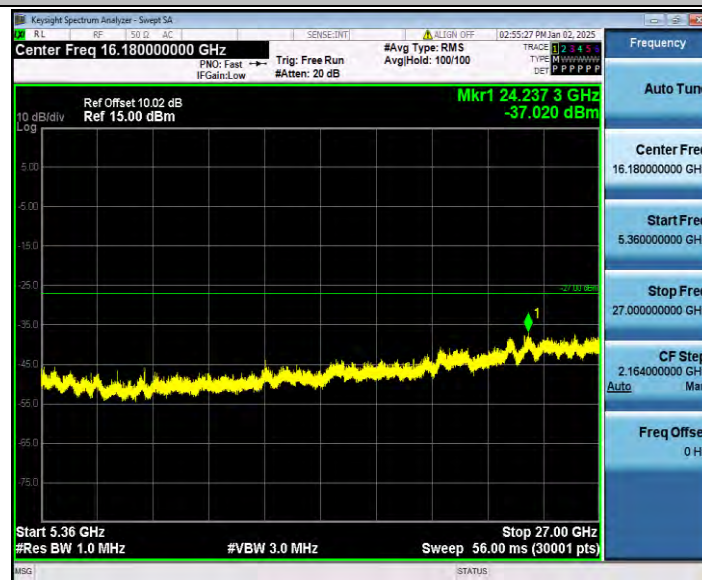
11AX20SISO_Ant1_5180_5360~27000



11AX20SISO_Ant1_5200_30~5140



11AX20SISO_Ant1_5200_5360~27000



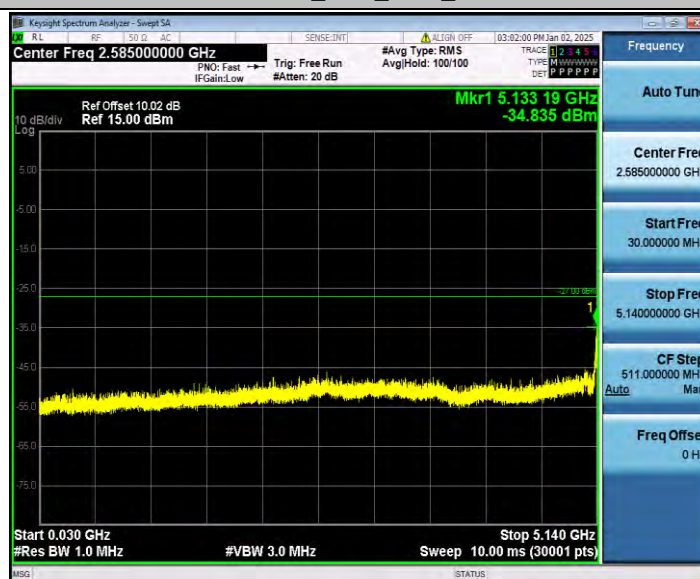
11AX20SISO_Ant1_5240_30~5140



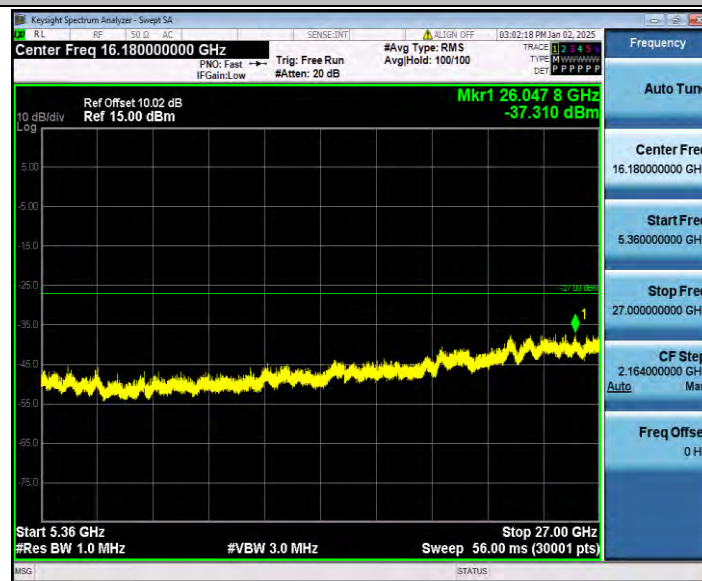
11AX20SISO_Ant1_5240_5360~27000



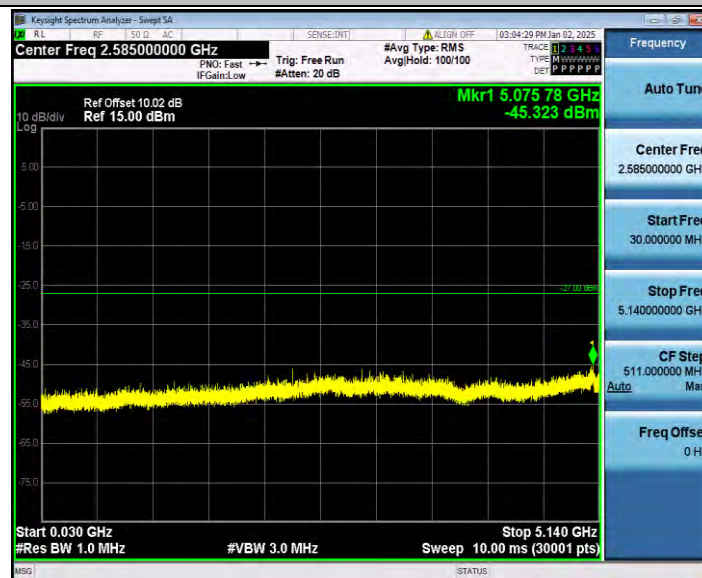
11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~27000



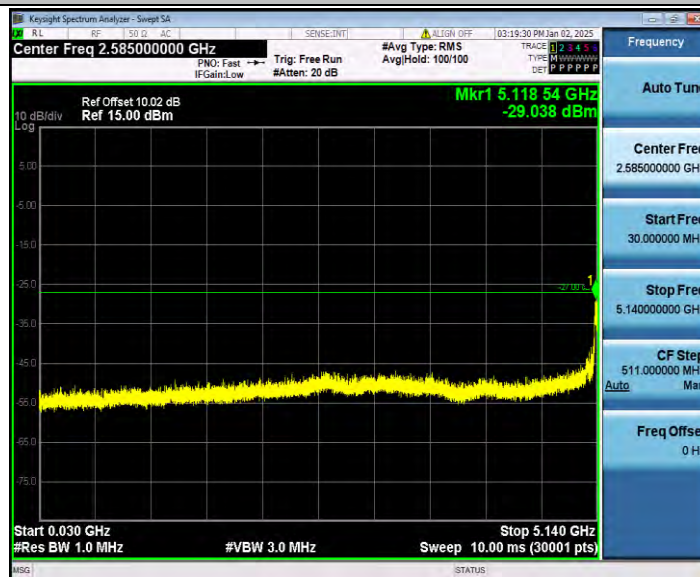
11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~27000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~27000

