

Appendix B.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	Ant0	5180	14.33	97.66	0.10	14.43	≤23.98	PASS
		5200	14.49	98.12	0.08	14.57	≤23.98	PASS
		5240	14.22	97.66	0.10	14.32	≤23.98	PASS
11N20SISO	Ant0	5180	14.12	98.76	0.05	14.17	≤23.98	PASS
		5200	14.40	98.76	0.05	14.45	≤23.98	PASS
		5240	14.13	98.76	0.05	14.18	≤23.98	PASS
11N40SISO	Ant0	5190	13.14	98.76	0.05	13.19	≤23.98	PASS
		5230	13.84	99.00	0.04	13.88	≤23.98	PASS
11AC20SISO	Ant0	5180	13.99	99.00	0.04	14.03	≤23.98	PASS
		5200	14.34	98.75	0.05	14.39	≤23.98	PASS
		5240	14.09	98.75	0.05	14.14	≤23.98	PASS
11AC40SISO	Ant0	5190	13.15	99.00	0.04	13.19	≤23.98	PASS
		5230	13.78	98.75	0.05	13.83	≤23.98	PASS
11AC80SISO	Ant0	5210	12.87	98.76	0.05	12.92	≤23.98	PASS
11AX20SISO	Ant0	5180	10.23	78.26	1.06	11.29	≤23.98	PASS
		5200	10.70	77.27	1.12	11.82	≤23.98	PASS
		5240	10.89	77.27	1.12	12.01	≤23.98	PASS
11AX40SISO	Ant0	5190	10.38	77.27	1.12	11.50	≤23.98	PASS
		5230	10.90	77.27	1.12	12.02	≤23.98	PASS
11AX80SISO	Ant0	5210	10.75	73.91	1.31	12.06	≤23.98	PASS

Appendix B.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	3.46	≤11.00	PASS
		5200	3.69	≤11.00	PASS
		5240	3.43	≤11.00	PASS
11N20SISO	Ant0	5180	2.92	≤11.00	PASS
		5200	3.32	≤11.00	PASS
		5240	3.10	≤11.00	PASS
11N40SISO	Ant0	5190	-1.00	≤11.00	PASS
		5230	-0.43	≤11.00	PASS
11AC20SISO	Ant0	5180	2.84	≤11.00	PASS
		5200	3.26	≤11.00	PASS
		5240	2.99	≤11.00	PASS
11AC40SISO	Ant0	5190	-0.93	≤11.00	PASS
		5230	-0.41	≤11.00	PASS
11AC80SISO	Ant0	5210	-4.34	≤11.00	PASS
11AX20SISO	Ant0	5180	0.18	≤11.00	PASS
		5200	0.69	≤11.00	PASS
		5240	1.13	≤11.00	PASS
11AX40SISO	Ant0	5190	-2.43	≤11.00	PASS
		5230	-2.15	≤11.00	PASS
11AX80SISO	Ant0	5210	-4.87	≤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_Ant0_5180



11A_Ant0_5200



11A_Ant0_5240



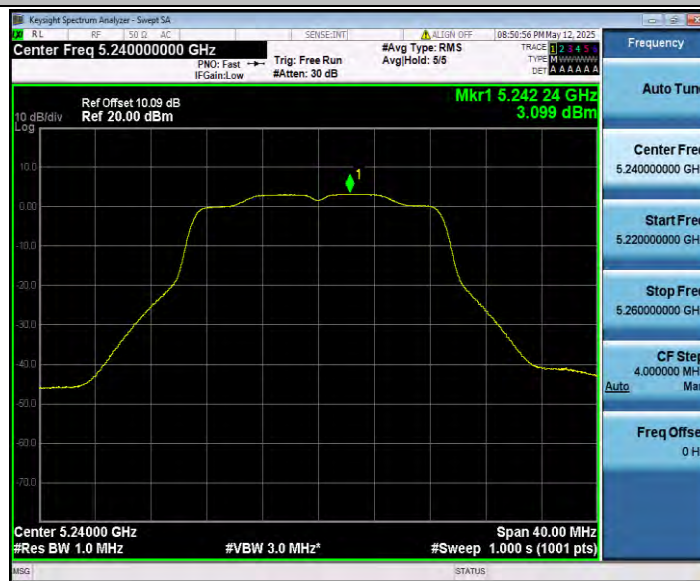
11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



11N20SISO_Ant0_5240



11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210



11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

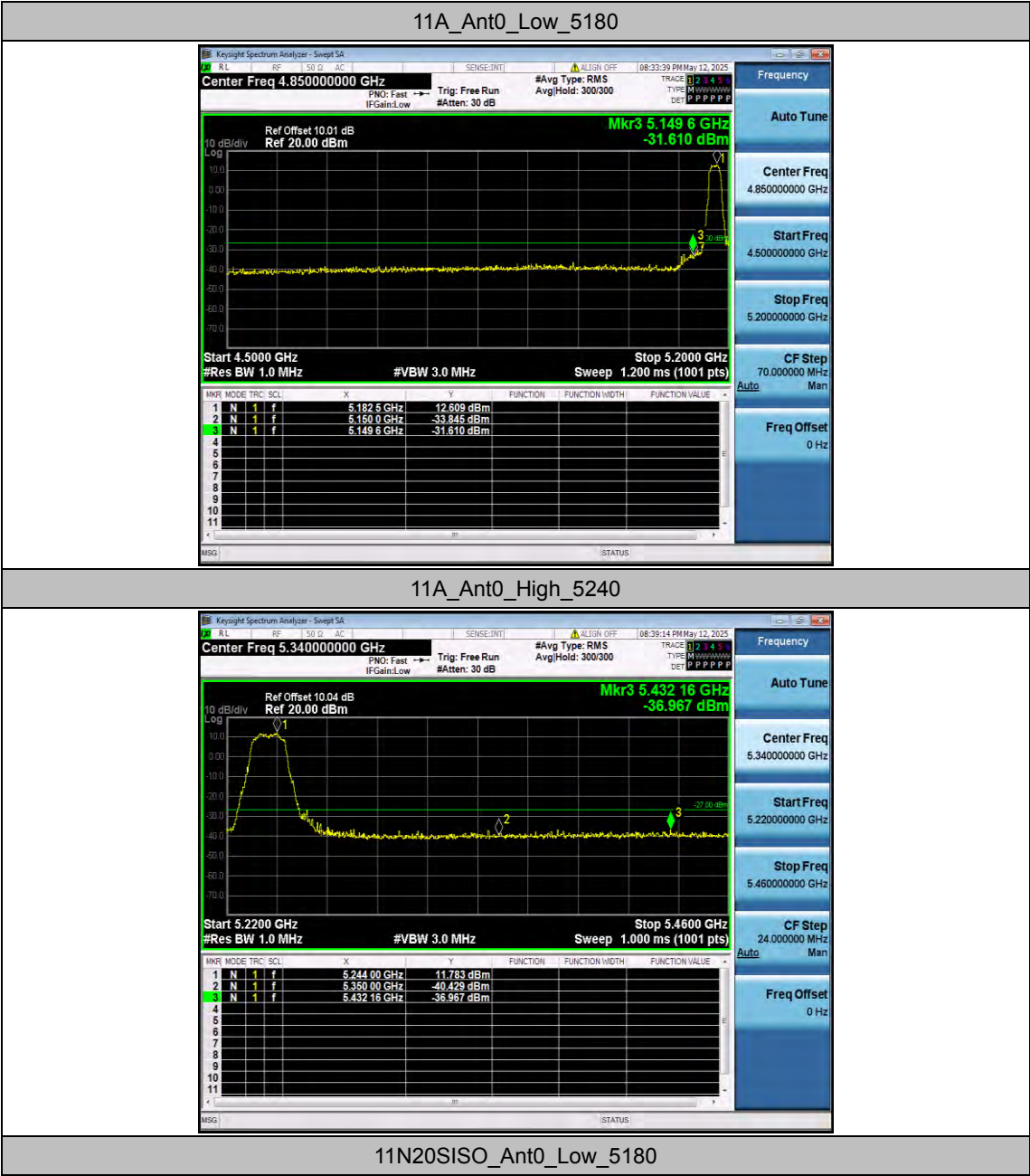


Appendix B.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5180	-31.61	≤ -27	PASS
		High	5240	-36.97	≤ -27	PASS
11N20SISO	Ant0	Low	5180	-31.96	≤ -27	PASS
		High	5240	-36.57	≤ -27	PASS
11N40SISO	Ant0	Low	5190	-32.39	≤ -27	PASS
		High	5230	-35.86	≤ -27	PASS
11AC20SISO	Ant0	Low	5180	-31.81	≤ -27	PASS
		High	5240	-36.54	≤ -27	PASS
11AC40SISO	Ant0	Low	5190	-31.54	≤ -27	PASS
		High	5230	-37.47	≤ -27	PASS
11AC80SISO	Ant0	Low	5210	-33.36	≤ -27	PASS
		High	5210	-36.77	≤ -27	PASS
11AX20SISO	Ant0	Low	5180	-37.15	≤ -27	PASS
		High	5240	-37.48	≤ -27	PASS
11AX40SISO	Ant0	Low	5190	-36.77	≤ -27	PASS
		High	5230	-36.93	≤ -27	PASS
11AX80SISO	Ant0	Low	5210	-34.99	≤ -27	PASS
		High	5210	-37.45	≤ -27	PASS

Test Graphs B1



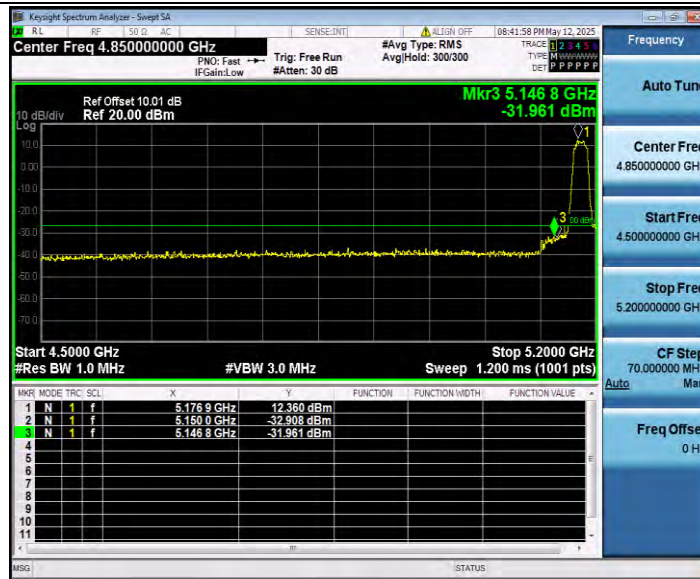
11A_Ant0_High_5240

Frequency

Auto Tune

Center Freq
5.340000000 GHzStart Freq
5.220000000 GHzStop Freq
5.460000000 GHzCF Step
24.000000 MHz
ManFreq Offset
0 Hz

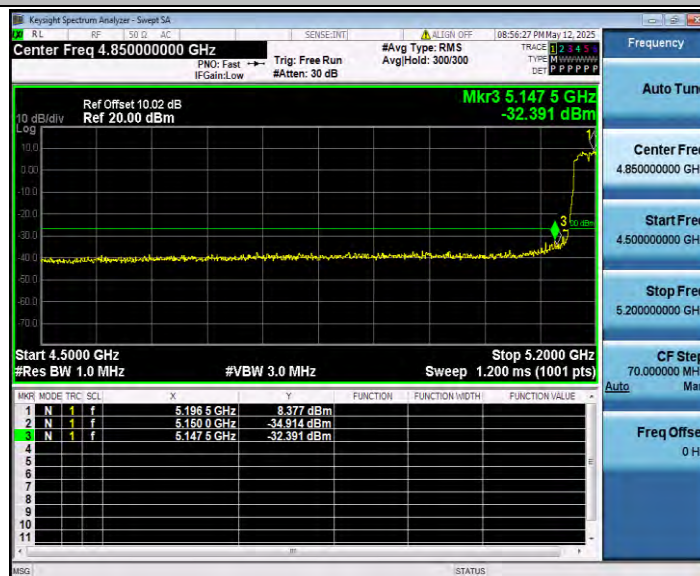
11N20SISO_Ant0_Low_5180



11N20SISO_Ant0_High_5240



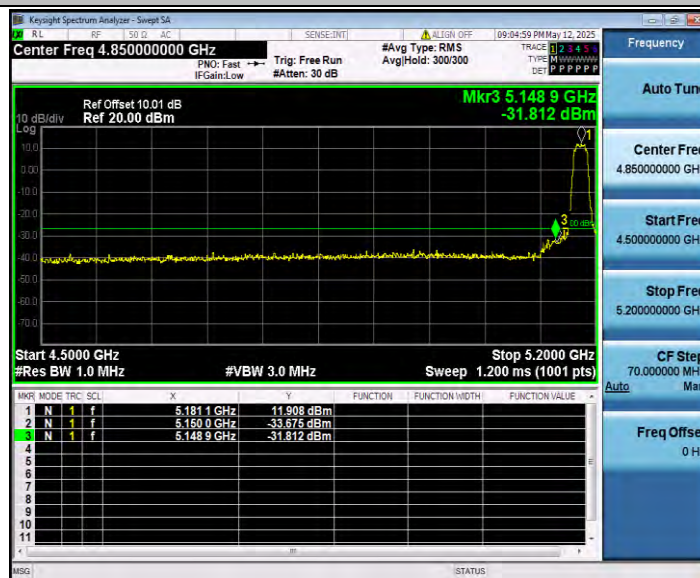
11N40SISO_Ant0_Low_5190



11N40SISO_Ant0_High_5230



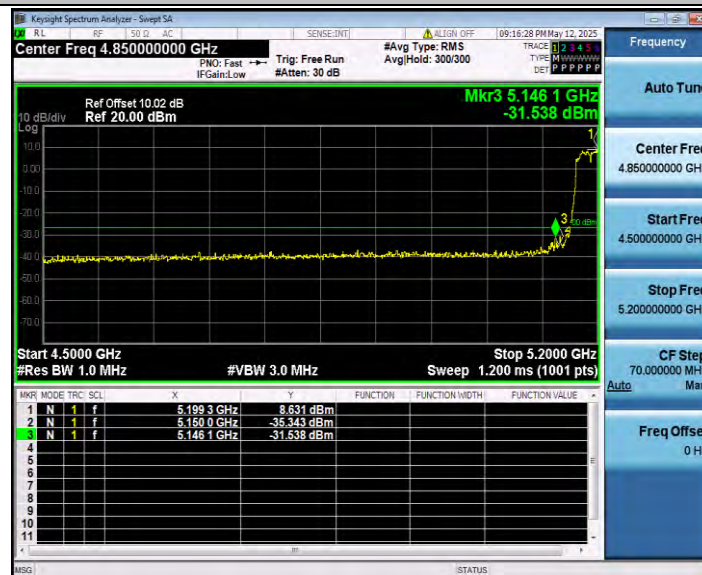
11AC20SISO_Ant0_Low_5180



11AC20SISO_Ant0_High_5240



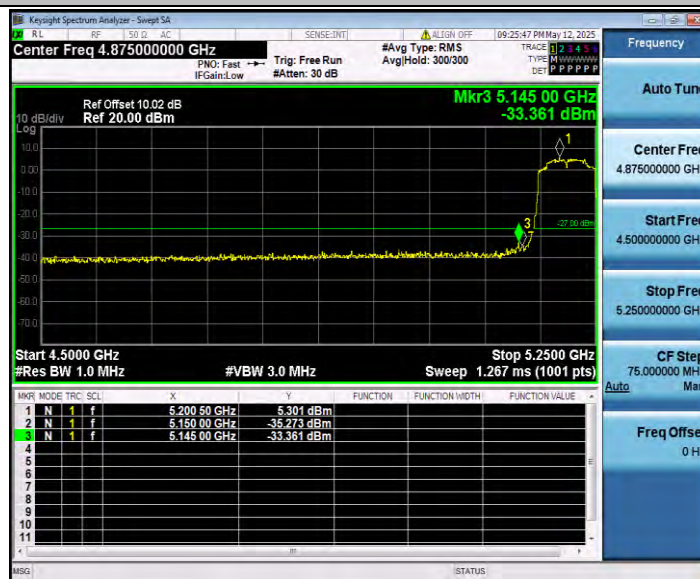
11AC40SISO_Ant0_Low_5190



11AC40SISO_Ant0_High_5230



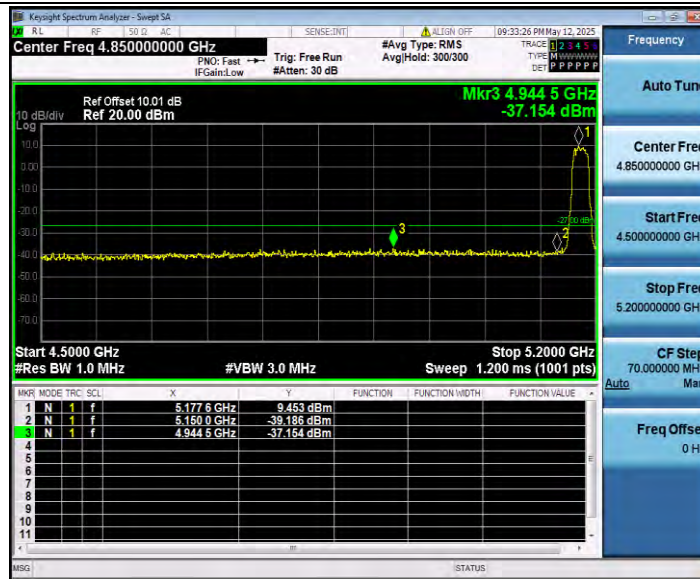
11AC80SISO_Ant0_Low_5210



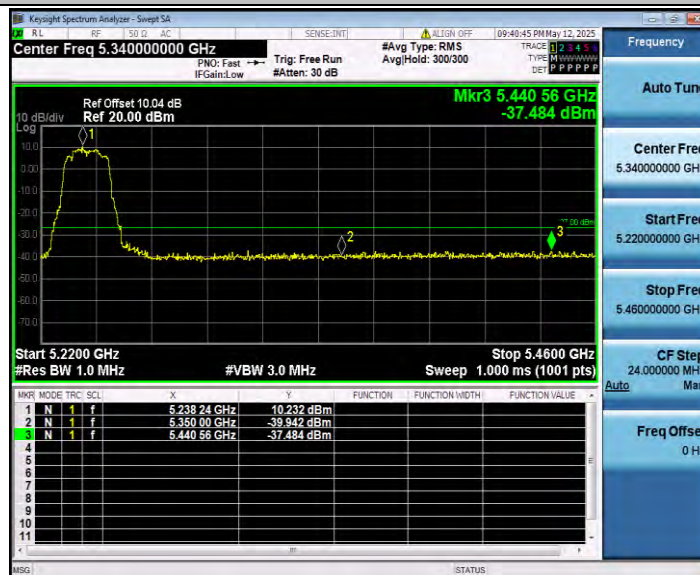
11AC80SISO_Ant0_High_5210



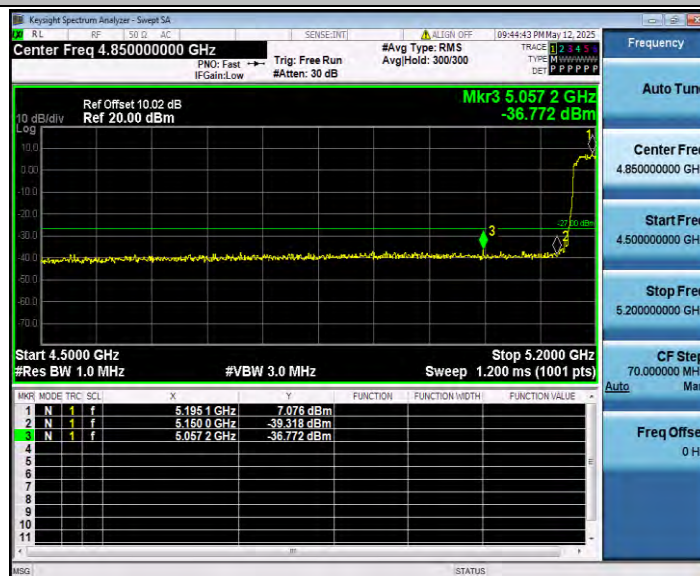
11AX20SISO_Ant0_Low_5180



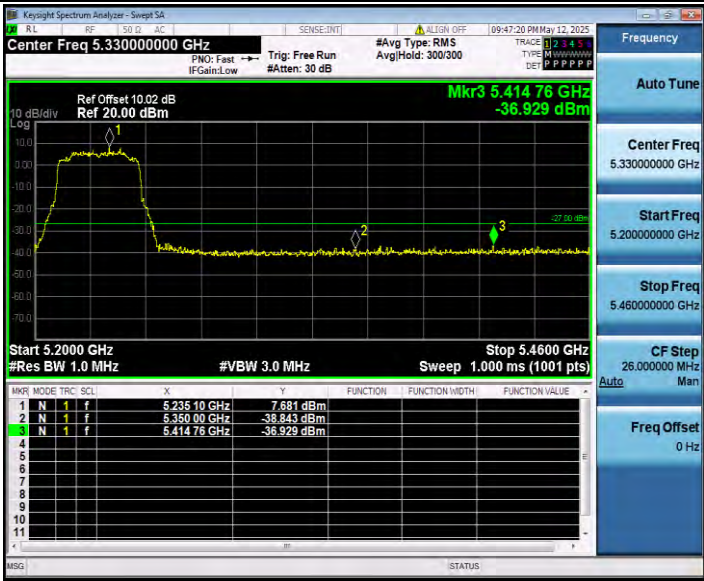
11AX20SISO_Ant0_High_5240



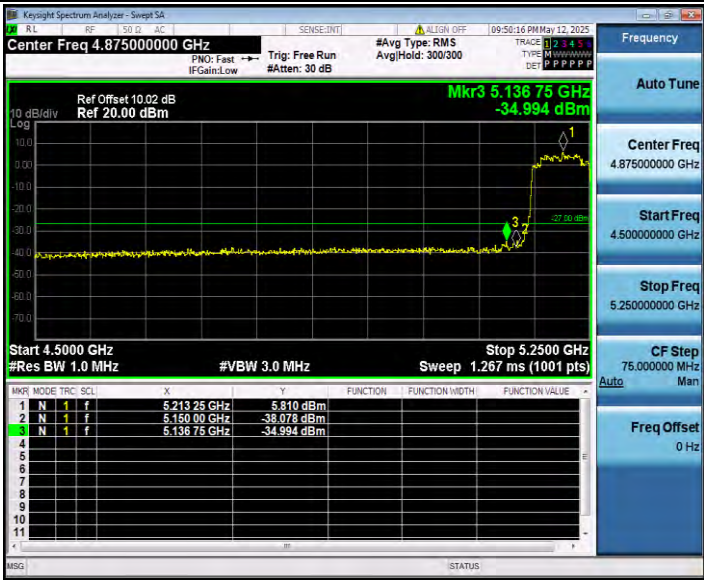
11AX40SISO_Ant0_Low_5190



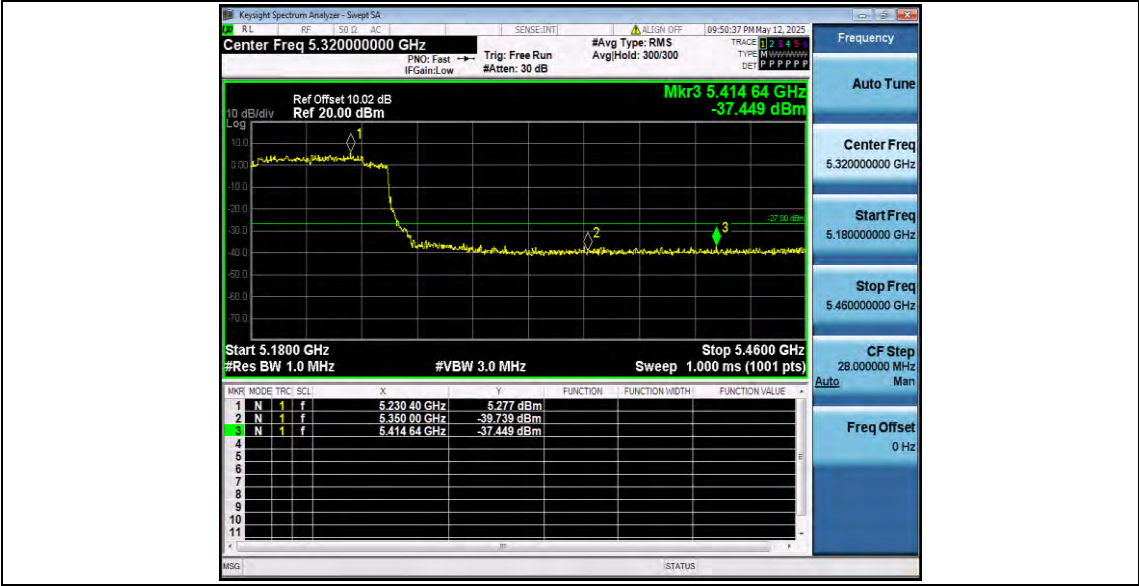
11AX40SISO_Ant0_High_5230



11AX80SISO_Ant0_Low_5210



11AX80SISO_Ant0_High_5210



Appendix B.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	30~5140	5140	-35.58	≤-27	PASS
			5360~27000	24244.51	-36.84	≤-27	PASS
		5200	30~5140	3195.3	-46.14	≤-27	PASS
			5360~27000	24276.97	-36.82	≤-27	PASS
		5240	30~5140	5056.88	-45.62	≤-27	PASS
			5360~27000	24310.15	-37.21	≤-27	PASS
11N20SISO	Ant0	5180	30~5140	5139.66	-34.54	≤-27	PASS
			5360~27000	24299.33	-37.18	≤-27	PASS
		5200	30~5140	5035.93	-46.05	≤-27	PASS
			5360~27000	24235.85	-36.81	≤-27	PASS
		5240	30~5140	5078.51	-45.98	≤-27	PASS
			5360~27000	25578.25	-36.48	≤-27	PASS
11N40SISO	Ant0	5190	30~5140	5137.62	-34.84	≤-27	PASS
			5360~27000	26906.95	-36.36	≤-27	PASS
		5230	30~5140	5134.38	-44.11	≤-27	PASS
			5360~27000	24157.23	-37	≤-27	PASS
11AC20SISO	Ant0	5180	30~5140	5138.47	-36.67	≤-27	PASS
			5360~27000	24247.39	-36.48	≤-27	PASS
		5200	30~5140	5136.93	-45.9	≤-27	PASS
			5360~27000	26636.45	-37.11	≤-27	PASS
		5240	30~5140	4998.62	-45.78	≤-27	PASS
			5360~27000	24333.23	-36.64	≤-27	PASS
11AC40SISO	Ant0	5190	30~5140	5137.79	-37.53	≤-27	PASS
			5360~27000	24240.18	-37.38	≤-27	PASS
		5230	30~5140	5138.64	-44.47	≤-27	PASS
			5360~27000	23518.85	-37.25	≤-27	PASS
11AC80SISO	Ant0	5210	30~5140	5121.43	-39.1	≤-27	PASS
			5360~27000	24241.62	-37.3	≤-27	PASS
11AX20SISO	Ant0	5180	30~5140	5127.57	-45.07	≤-27	PASS
			5360~27000	24166.6	-37.26	≤-27	PASS
		5200	30~5140	2487.4	-46.28	≤-27	PASS
			5360~27000	24258.93	-36.58	≤-27	PASS
		5240	30~5140	5129.61	-45.58	≤-27	PASS
			5360~27000	23578.72	-37.02	≤-27	PASS
11AX40SISO	Ant0	5190	30~5140	5125.18	-43.14	≤-27	PASS
			5360~27000	26856.45	-37.34	≤-27	PASS

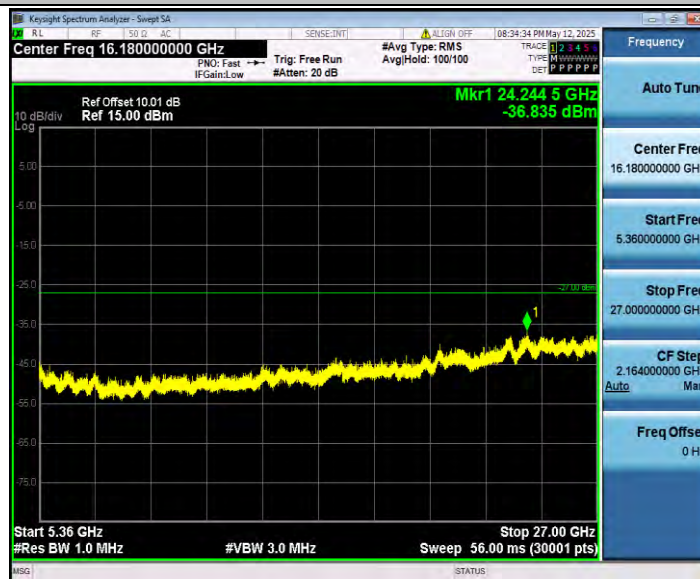
		5230	30~5140	5139.83	-46.18	≤ -27	PASS
			5360~27000	24301.49	-36.92	≤ -27	PASS
11AX80SISO	Ant0	5210	30~5140	5132.85	-39.43	≤ -27	PASS
			5360~27000	24213.49	-36.95	≤ -27	PASS

Test Graphs

11A_Ant0_5180_30~5140



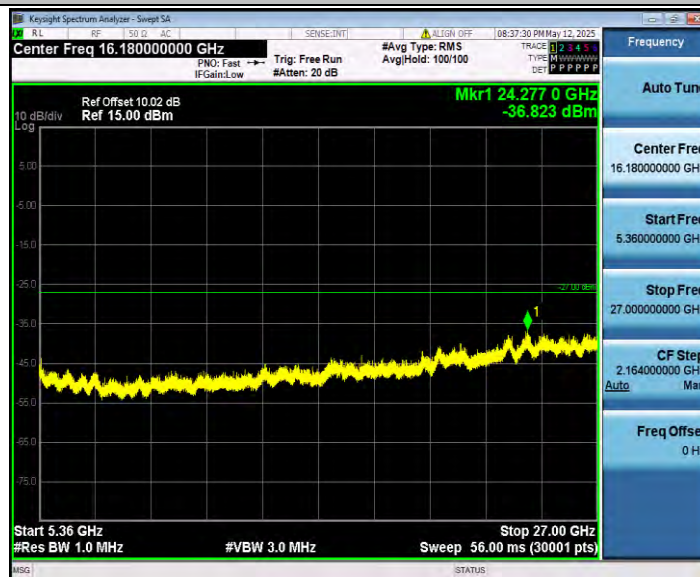
11A_Ant0_5180_5360~27000



11A_Ant0_5200_30~5140



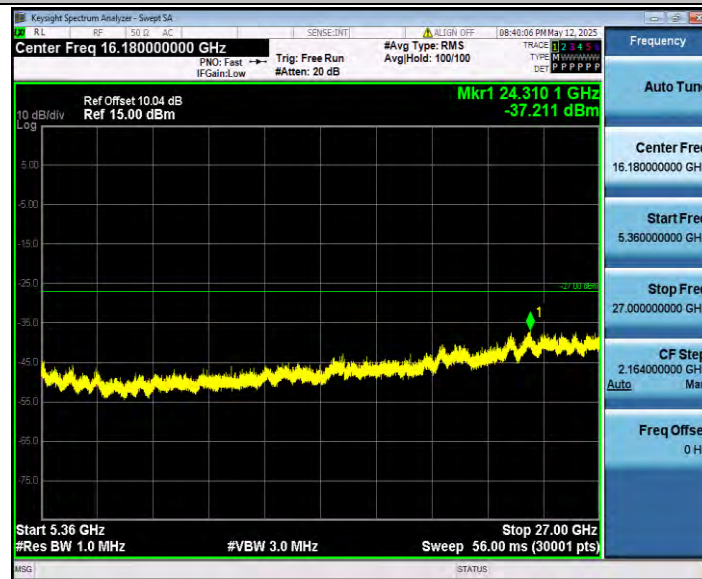
11A_Ant0_5200_5360~27000



11A_Ant0_5240_30~5140



11A_Ant0_5240_5360~27000



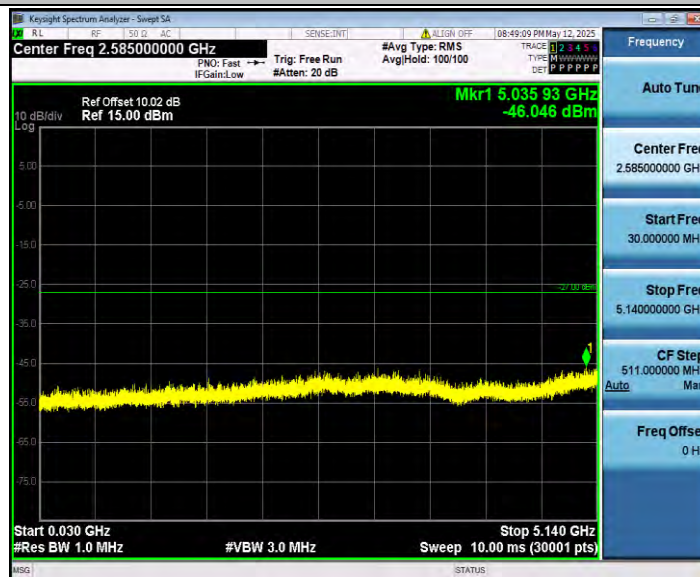
11N20SISO_Ant0_5180_30~5140



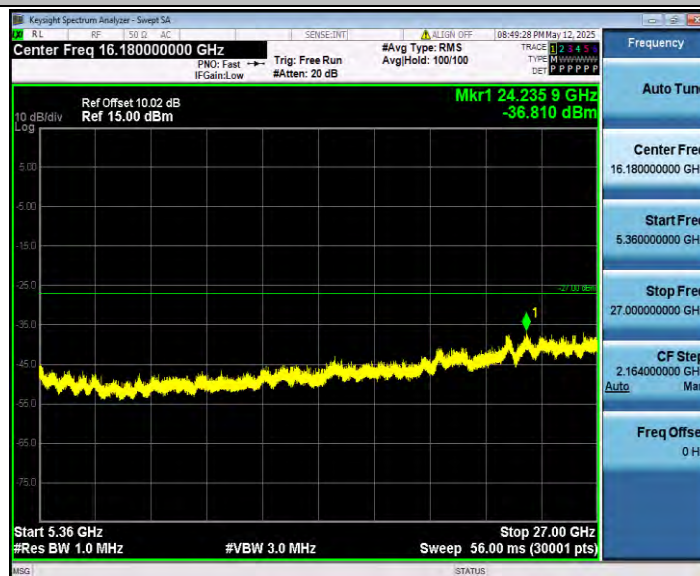
11N20SISO_Ant0_5180_5360~27000



11N20SISO_Ant0_5200_30~5140



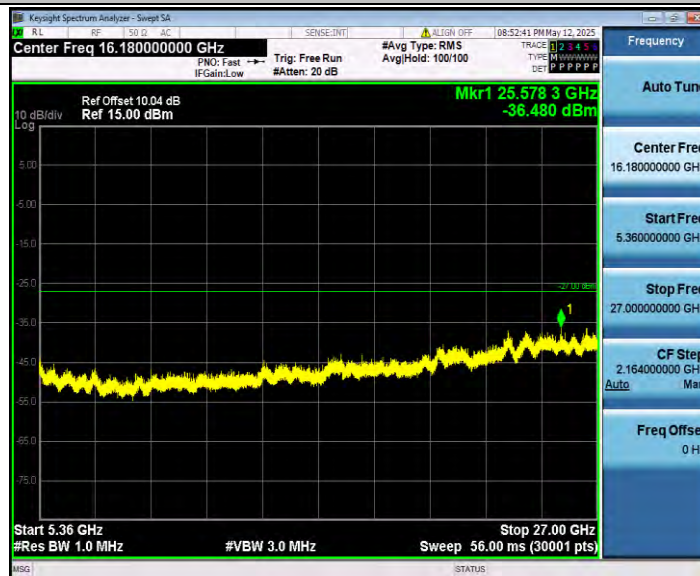
11N20SISO_Ant0_5200_5360~27000



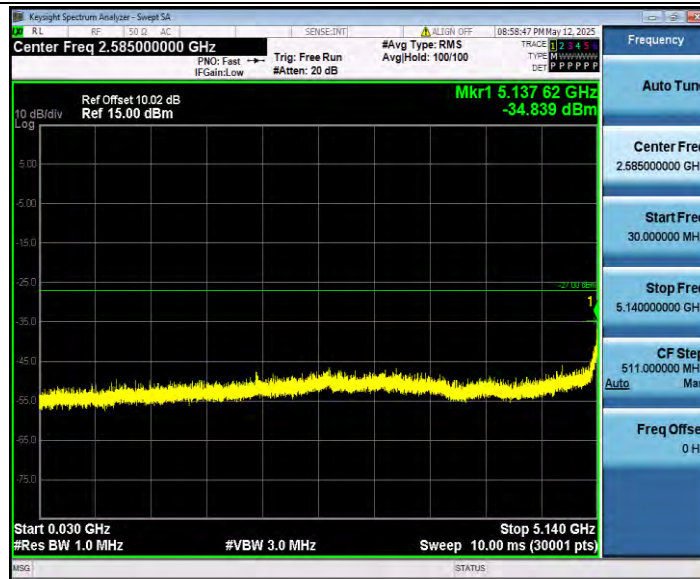
11N20SISO_Ant0_5240_30~5140



11N20SISO_Ant0_5240_5360~27000



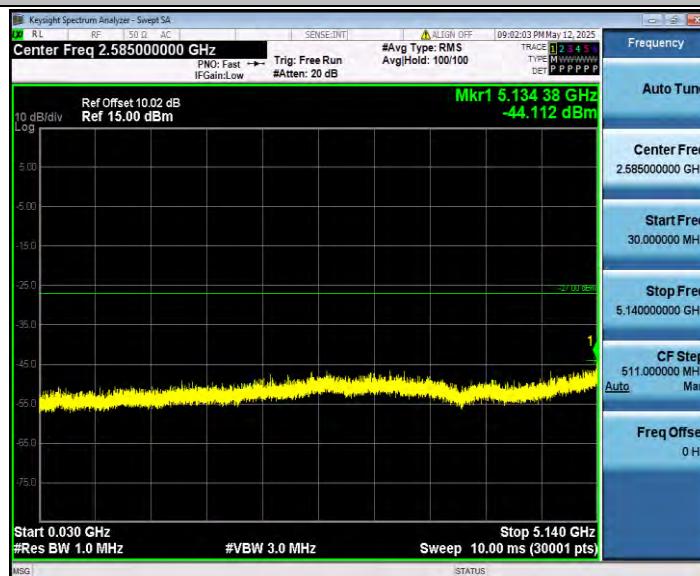
11N40SISO_Ant0_5190_30~5140

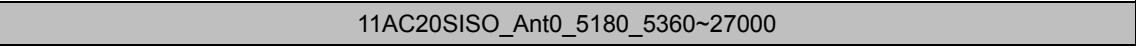
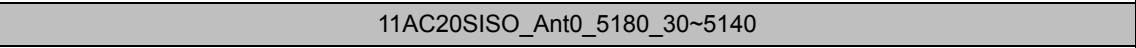


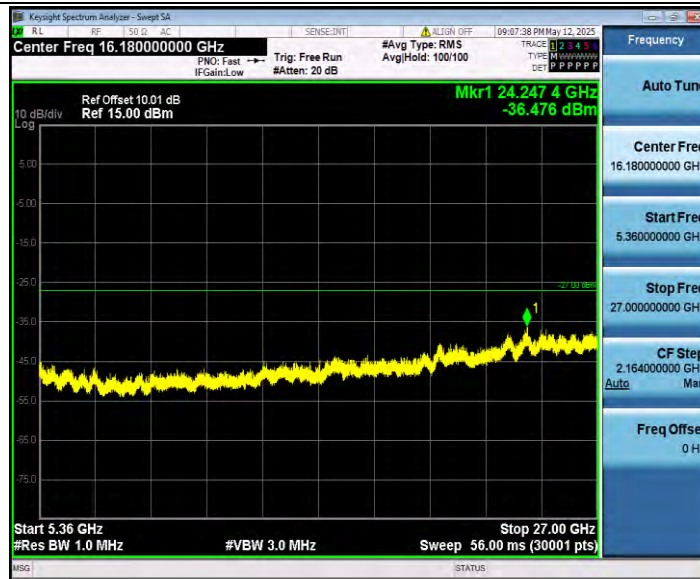
11N40SISO_Ant0_5190_5360~27000



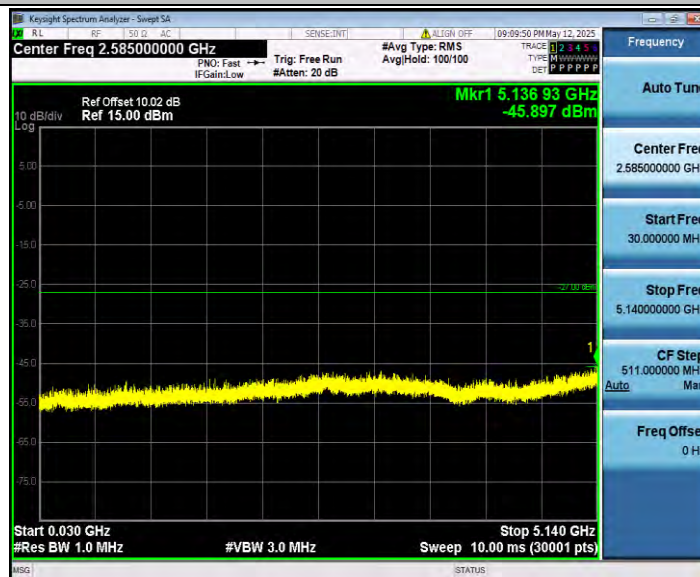
11N40SISO_Ant0_5230_30~5140



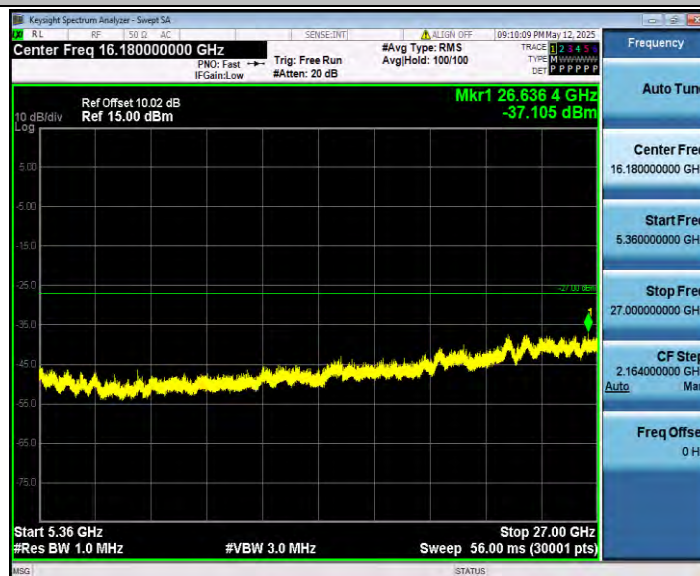




11AC20SISO_Ant0_5200_30~5140



11AC20SISO_Ant0_5200_5360~27000



11AC20SISO_Ant0_5240_30~5140



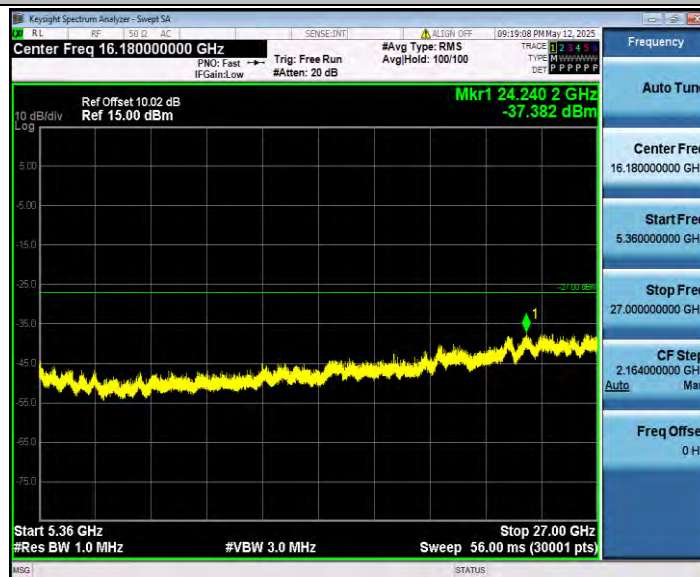
11AC20SISO_Ant0_5240_5360~27000



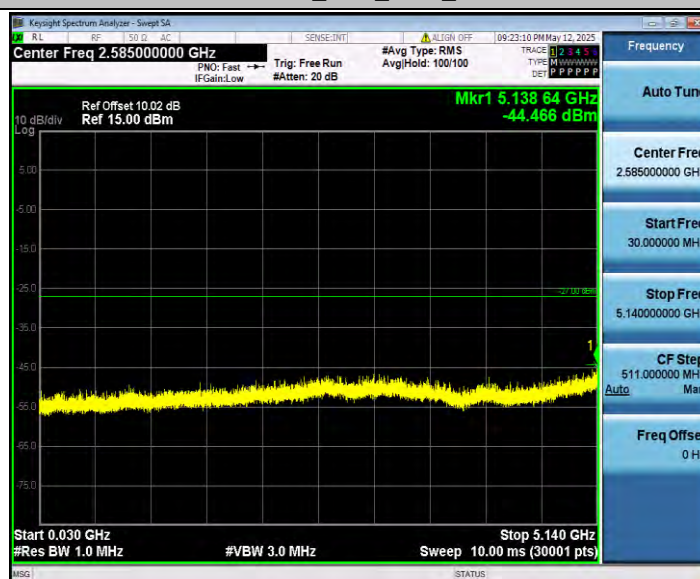
11AC40SISO_Ant0_5190_30~5140



11AC40SISO_Ant0_5190_5360~27000



11AC40SISO_Ant0_5230_30~5140



11AC40SISO_Ant0_5230_5360~27000



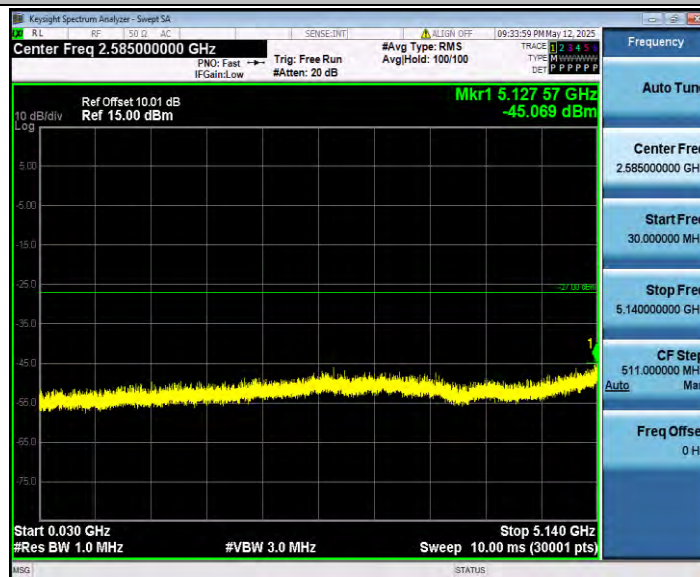
11AC80SISO_Ant0_5210_30~5140



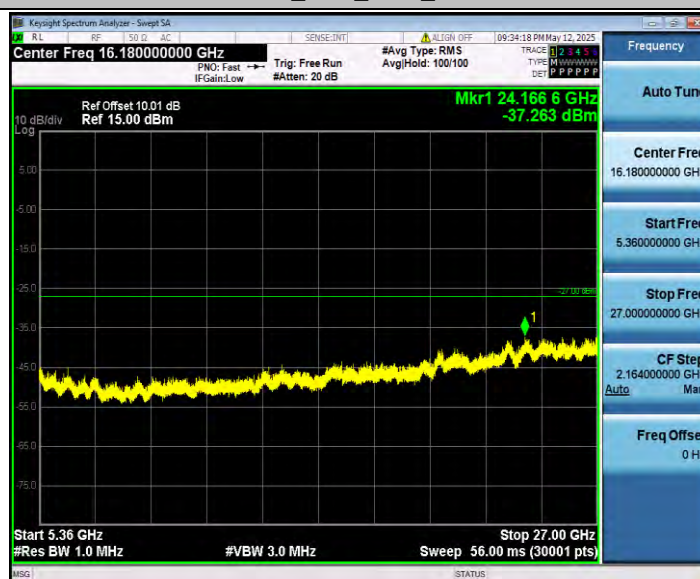
11AC80SISO_Ant0_5210_5360~27000



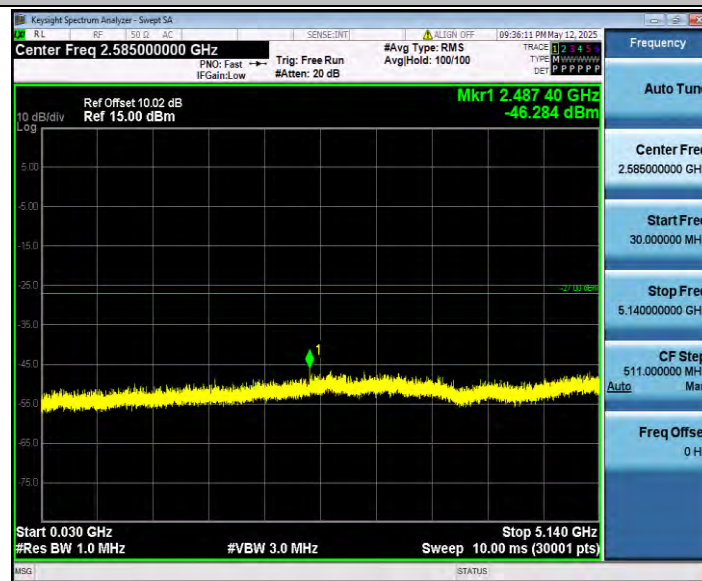
11AX20SISO_Ant0_5180_30~5140



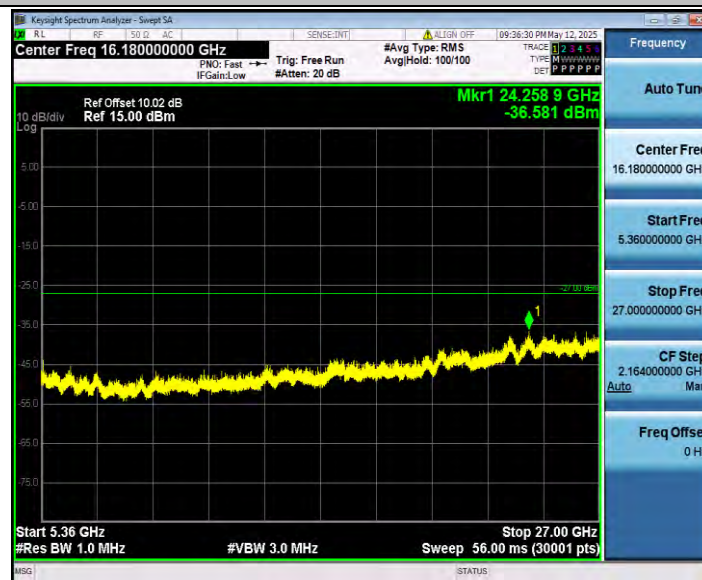
11AX20SISO_Ant0_5180_5360~27000



11AX20SISO_Ant0_5200_30~5140



11AX20SISO_Ant0_5200_5360~27000



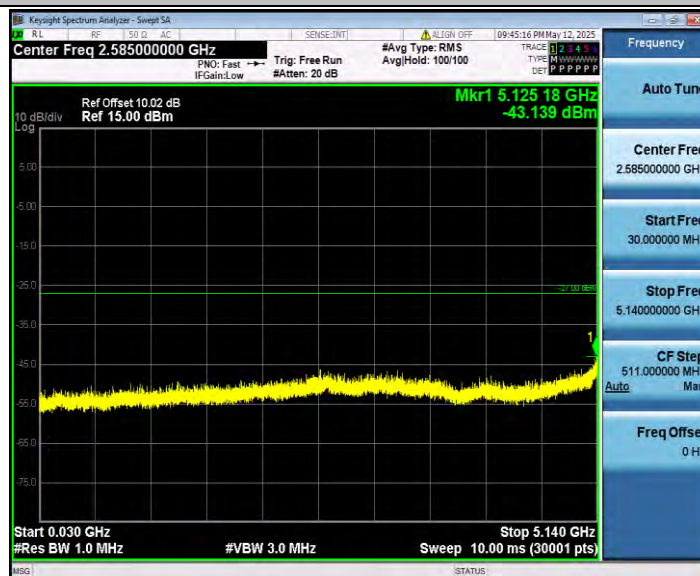
11AX20SISO_Ant0_5240_30~5140

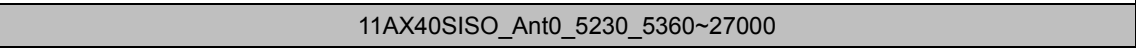
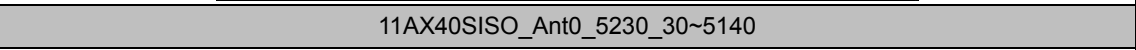


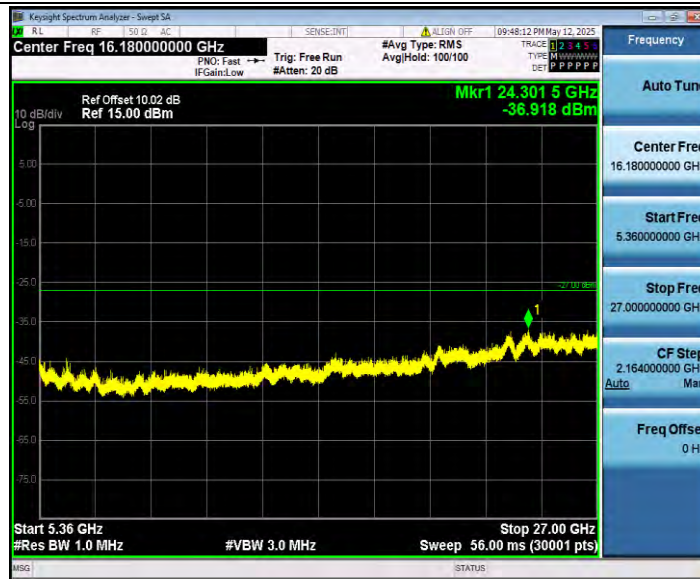
11AX20SISO_Ant0_5240_5360~27000



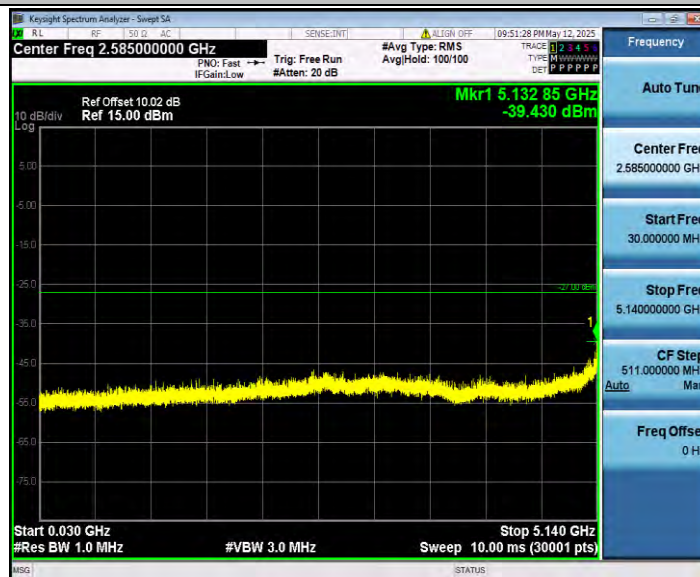
11AX40SISO_Ant0_5190_30~5140







11AX80SISO_Ant0_5210_30~5140



11AX80SISO_Ant0_5210_5360~27000

