

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	13.13	98.12	0.08	13.21	≤23.98	PASS
		5200	13.46	98.12	0.08	13.54	≤23.98	PASS
		5240	13.52	98.12	0.08	13.60	≤23.98	PASS
11N20SI SO	Ant1	5180	13.09	99.00	0.04	13.13	≤23.98	PASS
		5200	13.50	98.76	0.05	13.55	≤23.98	PASS
		5240	13.41	99.00	0.04	13.45	≤23.98	PASS
11N40SI SO	Ant1	5190	13.48	99.00	0.04	13.52	≤23.98	PASS
		5230	13.78	98.76	0.05	13.83	≤23.98	PASS
11AC20S ISO	Ant1	5180	13.20	99.00	0.04	13.24	≤23.98	PASS
		5200	13.41	99.00	0.04	13.45	≤23.98	PASS
		5240	13.41	98.75	0.05	13.46	≤23.98	PASS
11AC40S ISO	Ant1	5190	13.68	98.75	0.05	13.73	≤23.98	PASS
		5230	13.80	98.75	0.05	13.85	≤23.98	PASS
11AC80S ISO	Ant1	5210	13.47	99.00	0.04	13.51	≤23.98	PASS
11AX20SI SO	Ant1	5180	13.24	99.00	0.04	13.28	≤23.98	PASS
		5200	13.50	98.76	0.05	13.55	≤23.98	PASS
		5240	13.51	98.76	0.05	13.56	≤23.98	PASS
11AX40SI SO	Ant1	5190	13.41	98.76	0.05	13.46	≤23.98	PASS
		5230	13.57	99.00	0.04	13.61	≤23.98	PASS
11AX80SI SO	Ant1	5210	13.31	98.76	0.05	13.36	≤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	2.40	≤11.00	PASS
		5200	2.74	≤11.00	PASS
		5240	2.80	≤11.00	PASS
11N20SISO	Ant1	5180	1.94	≤11.00	PASS
		5200	2.50	≤11.00	PASS
		5240	2.42	≤11.00	PASS
11N40SISO	Ant1	5190	-0.56	≤11.00	PASS
		5230	-0.48	≤11.00	PASS
11AC20SISO	Ant1	5180	2.06	≤11.00	PASS
		5200	2.39	≤11.00	PASS
		5240	2.45	≤11.00	PASS
11AC40SISO	Ant1	5190	-0.46	≤11.00	PASS
		5230	-0.50	≤11.00	PASS
11AC80SISO	Ant1	5210	-3.45	≤11.00	PASS
11AX20SISO	Ant1	5180	1.85	≤11.00	PASS
		5200	2.24	≤11.00	PASS
		5240	2.35	≤11.00	PASS
11AX40SISO	Ant1	5190	-0.75	≤11.00	PASS
		5230	-0.95	≤11.00	PASS
11AX80SISO	Ant1	5210	-3.90	≤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



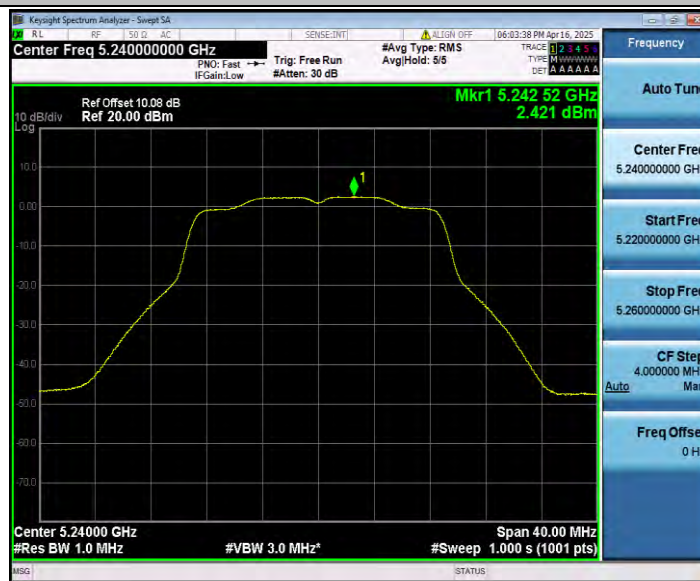
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



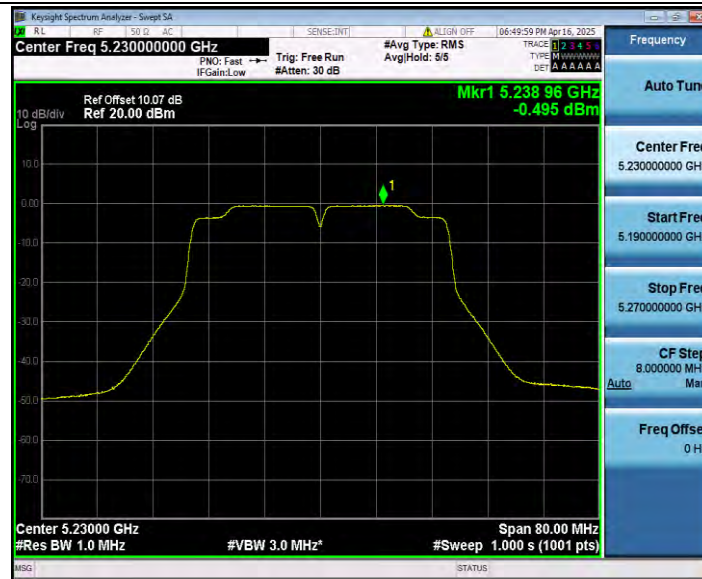
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



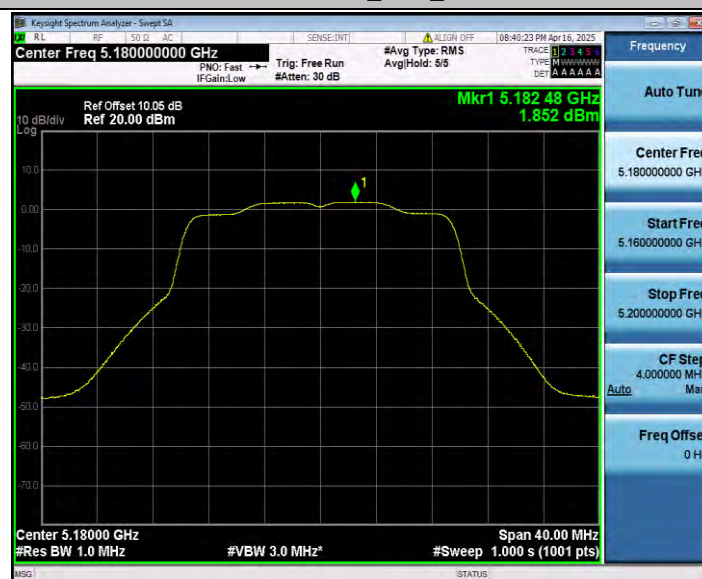
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

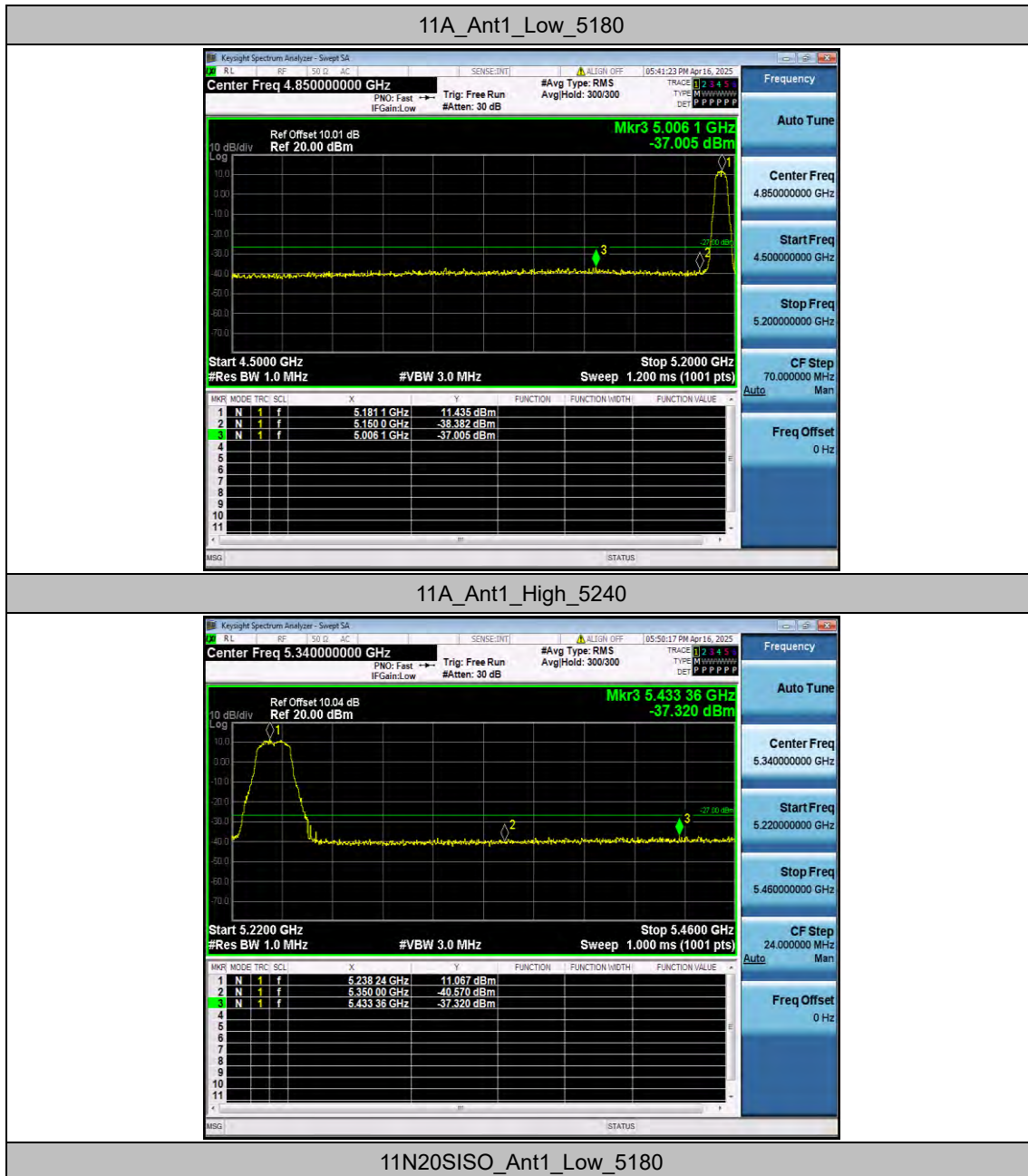


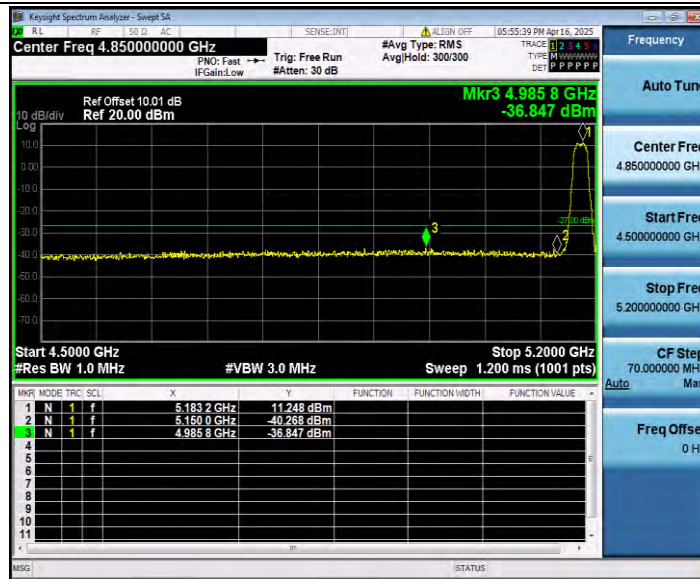
Appendix D.6: Band edge measurements

Test Result B1

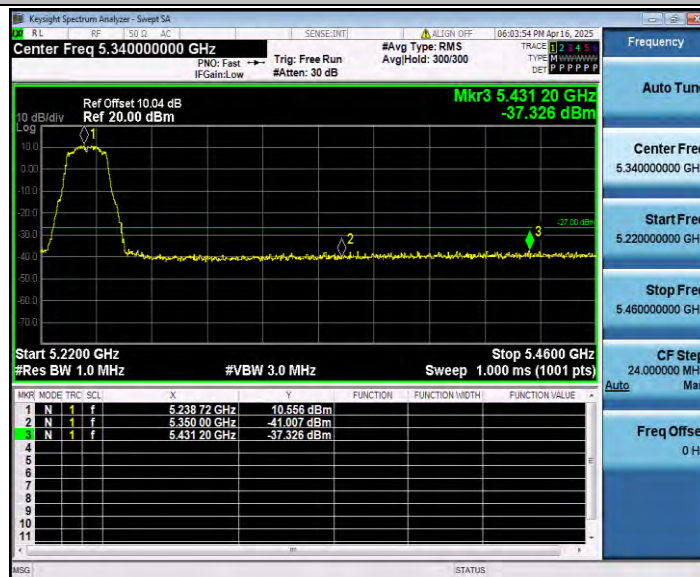
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.01	≤ -27	PASS
		High	5240	-37.32	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-36.85	≤ -27	PASS
		High	5240	-37.33	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.52	≤ -27	PASS
		High	5230	-37.36	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.81	≤ -27	PASS
		High	5240	-36.72	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-37.13	≤ -27	PASS
		High	5230	-37.44	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-36.15	≤ -27	PASS
		High	5210	-37.19	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-36.96	≤ -27	PASS
		High	5240	-37.08	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-37.41	≤ -27	PASS
		High	5230	-37.3	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-36.92	≤ -27	PASS
		High	5210	-37.79	≤ -27	PASS

Test Graphs B1

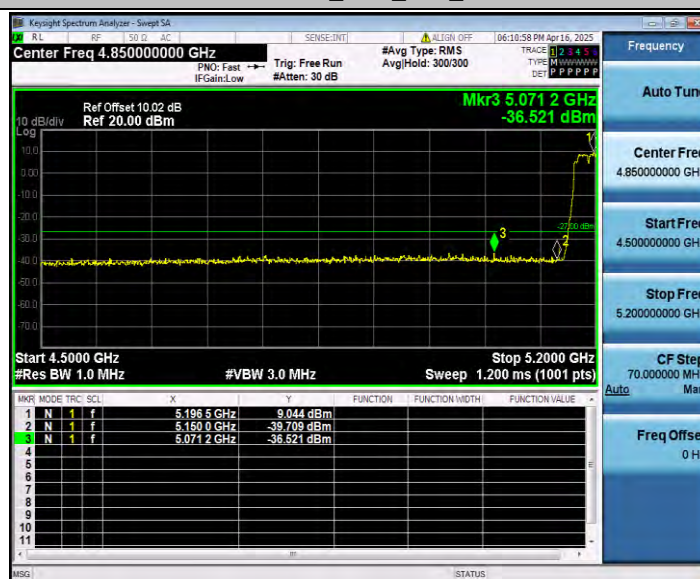




11N20SISO_Ant1_High_5240



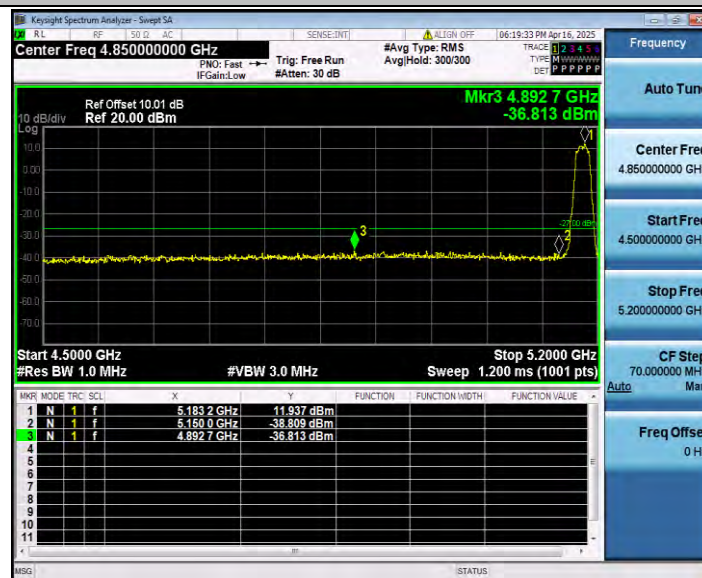
11N40SISO_Ant1_Low_5190



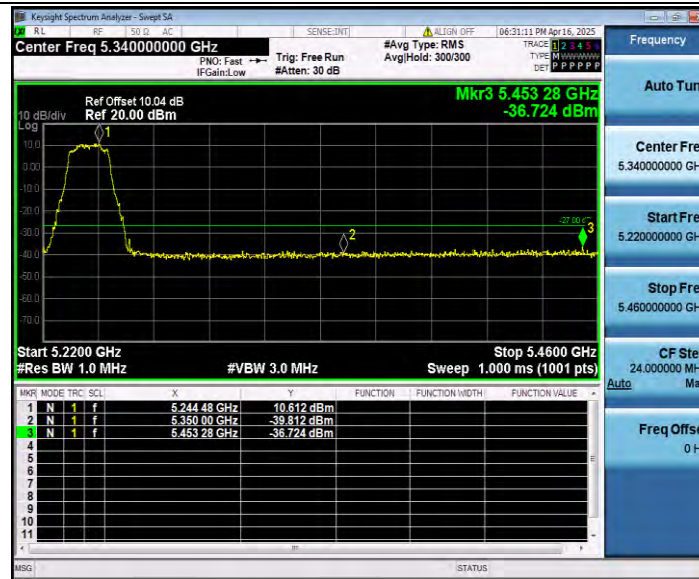
11N40SISO_Ant1_High_5230



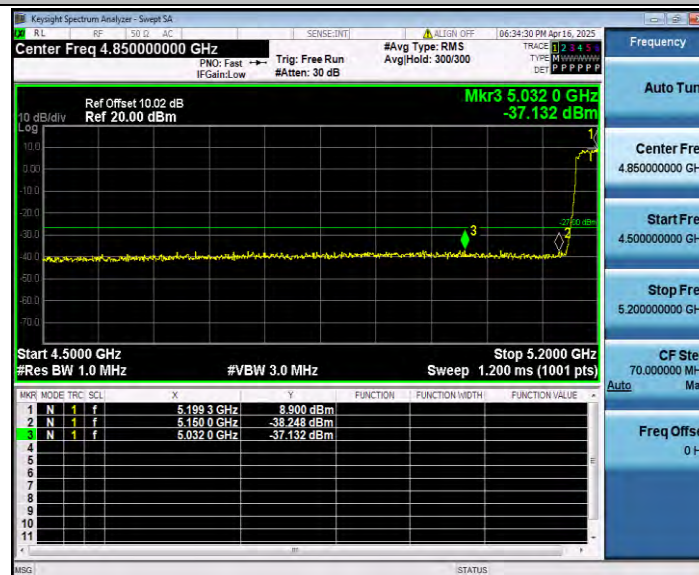
11AC20SISO_Ant1_Low_5180



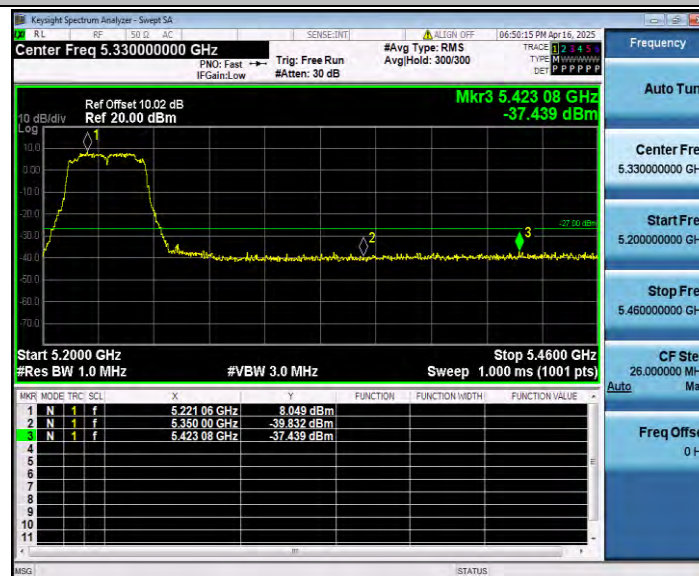
11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



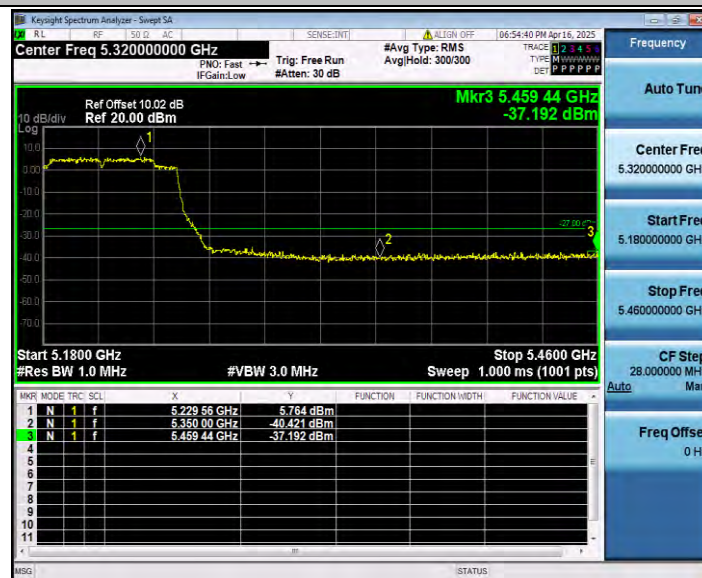
11AC40SISO_Ant1_High_5230



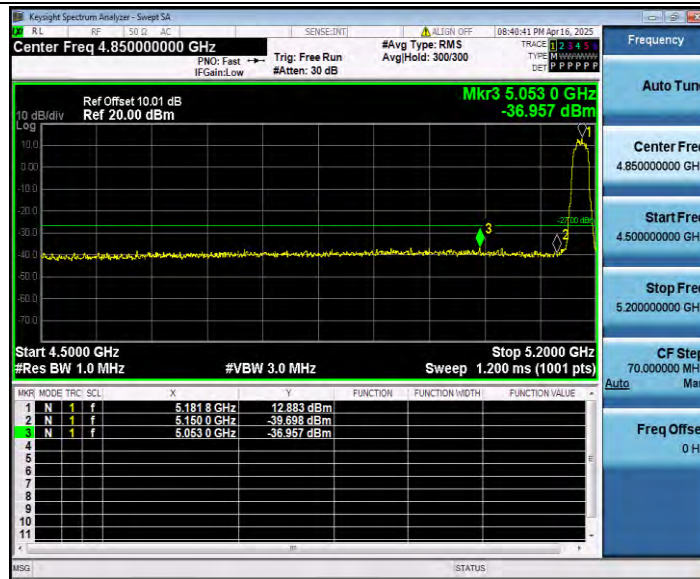
11AC80SISO_Ant1_Low_5210



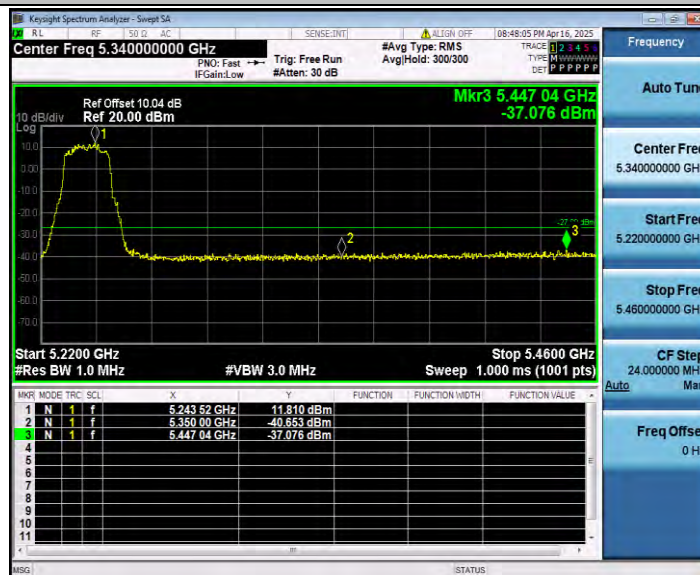
11AC80SISO_Ant1_High_5210



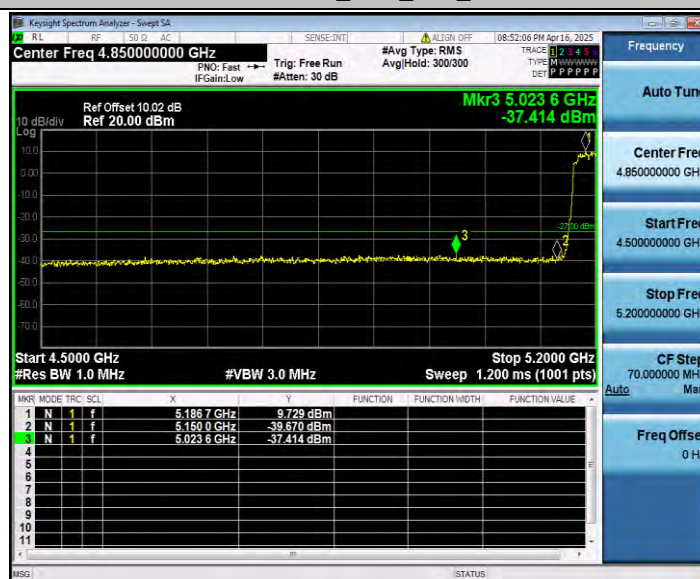
11AX20SISO_Ant1_Low_5180



11AX20SISO_Ant1_High_5240



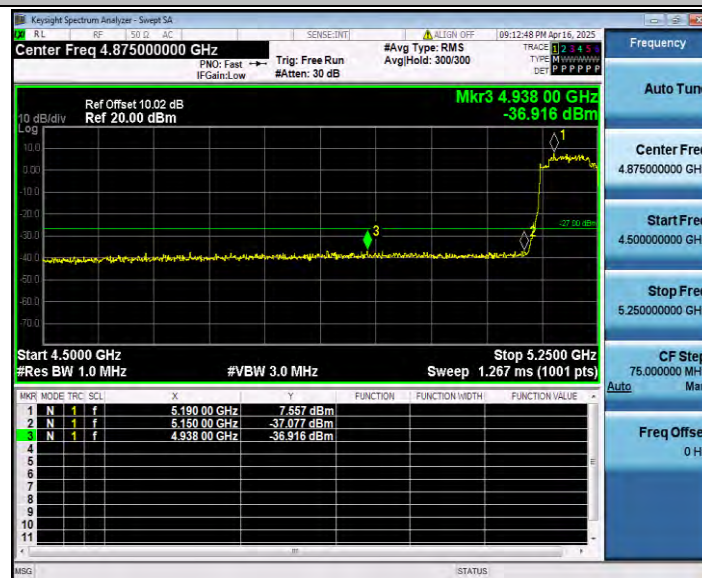
11AX40SISO_Ant1_Low_5190



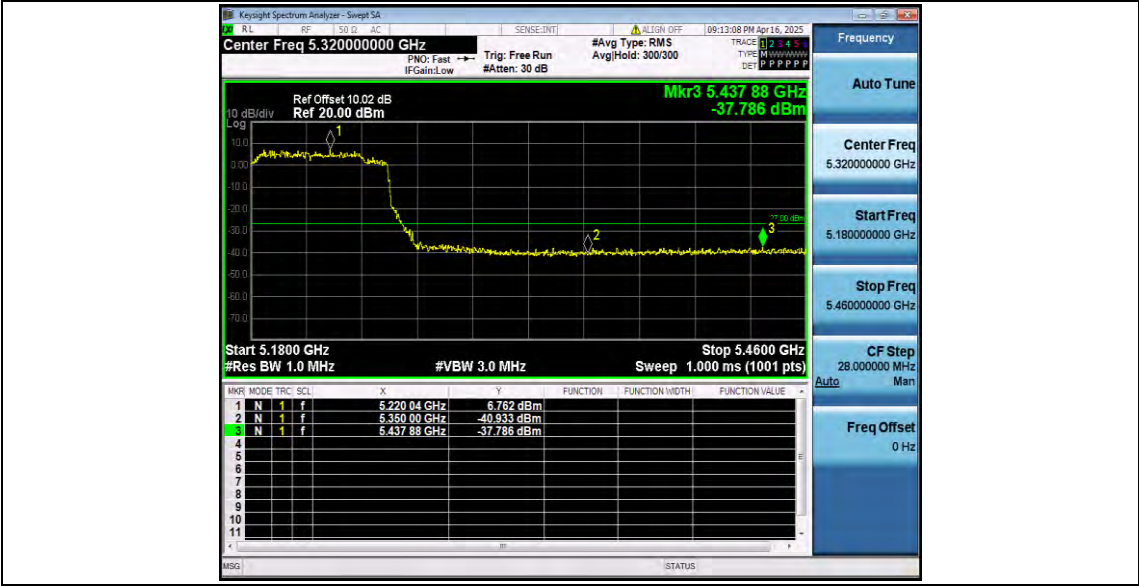
11AX40SISO_Ant1_High_5230



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	4799.5	-46.31	≤-27	PASS
			5360~27000	25110.83	-36.43	≤-27	PASS
		5200	30~5140	4794.56	-46.76	≤-27	PASS
			5360~27000	24230.8	-36.84	≤-27	PASS
		5240	30~5140	4924.7	-46.41	≤-27	PASS
			5360~27000	25576.81	-36.65	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5046.83	-46.05	≤-27	PASS
			5360~27000	26105.55	-36.96	≤-27	PASS
		5200	30~5140	2634.57	-46.22	≤-27	PASS
			5360~27000	26062.99	-36.35	≤-27	PASS
		5240	30~5140	3190.02	-46.25	≤-27	PASS
			5360~27000	26551.33	-36.84	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5129.61	-46	≤-27	PASS
			5360~27000	23506.58	-34.98	≤-27	PASS
		5230	30~5140	4943.95	-46.31	≤-27	PASS
			5360~27000	26837.7	-36.9	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	4926.4	-45.72	≤-27	PASS
			5360~27000	24297.16	-36.45	≤-27	PASS
		5200	30~5140	5009.35	-46.36	≤-27	PASS
			5360~27000	24218.54	-37.18	≤-27	PASS
		5240	30~5140	5081.24	-45.73	≤-27	PASS
			5360~27000	24233.69	-37.07	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5127.57	-44.67	≤-27	PASS
			5360~27000	26930.75	-37.49	≤-27	PASS
		5230	30~5140	2765.38	-46.14	≤-27	PASS
			5360~27000	26057.94	-37.09	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5032.35	-46.29	≤-27	PASS
			5360~27000	24216.37	-37.13	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	3325.61	-46.11	≤-27	PASS
			5360~27000	24188.96	-37.13	≤-27	PASS
		5200	30~5140	2661.99	-46.27	≤-27	PASS
			5360~27000	24257.49	-37.01	≤-27	PASS
		5240	30~5140	3187.64	-46.55	≤-27	PASS
			5360~27000	25556.61	-37.02	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5132.51	-45.59	≤-27	PASS
			5360~27000	24174.54	-36.77	≤-27	PASS

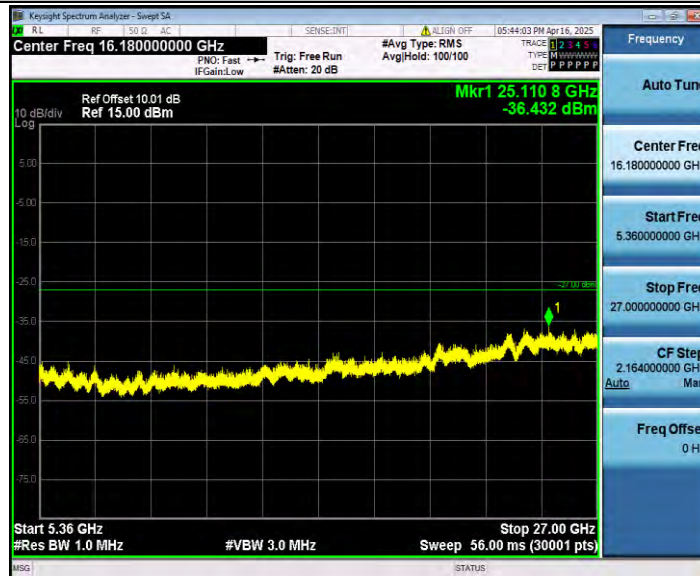
		5230	30~5140	2701	-46.5	≤ -27	PASS
			5360~27000	23531.83	-37.11	≤ -27	PASS
11AX80SISO	Ant1	5210	30~5140	5139.83	-41.85	≤ -27	PASS
			5360~27000	24313.03	-36.61	≤ -27	PASS

Test Graphs

11A_Ant1_5180_30~5140



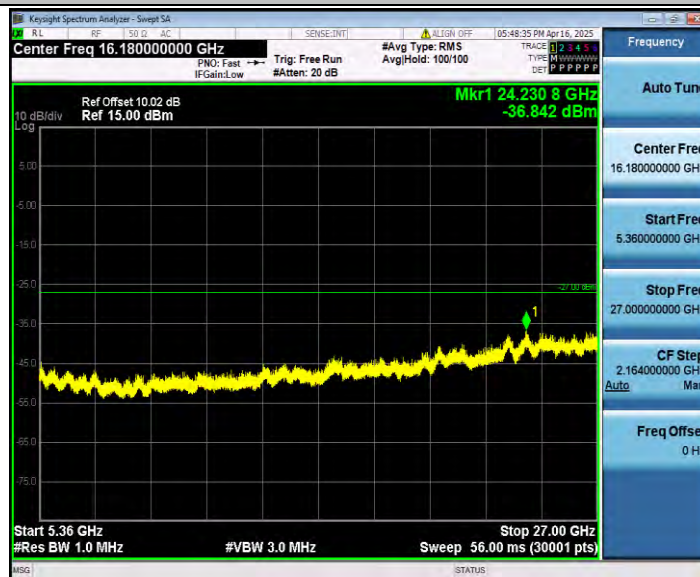
11A_Ant1_5180_5360~27000



11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000

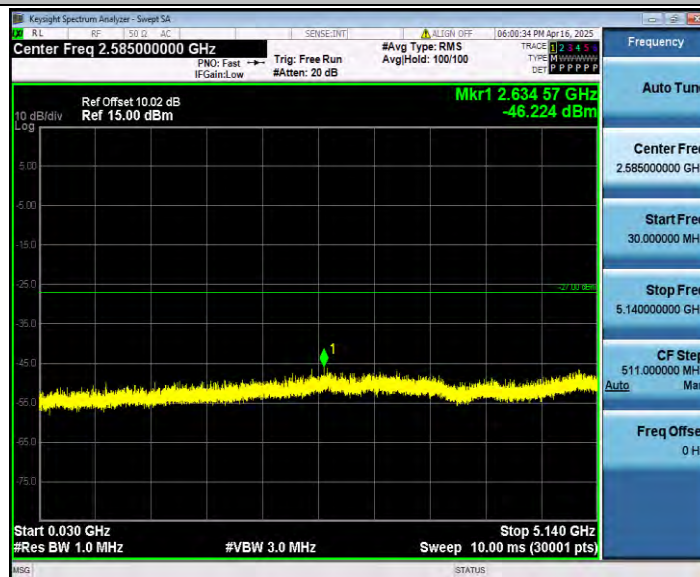


11A_Ant1_5240_30~5140

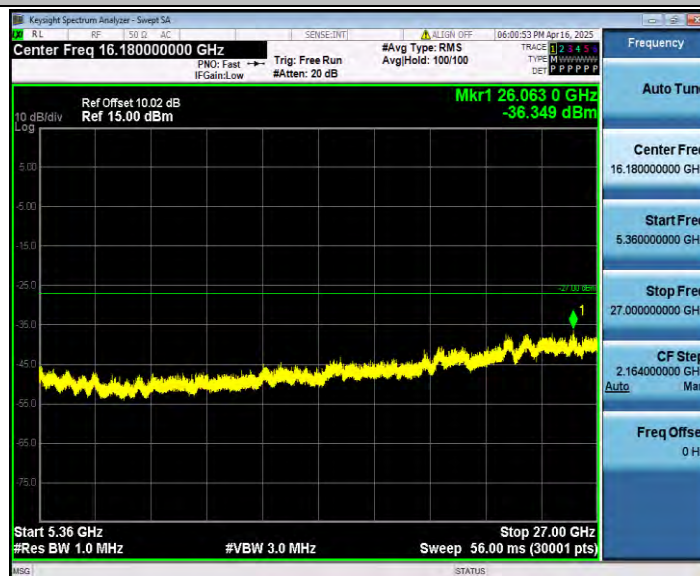




11N20SISO_Ant1_5200_30~5140



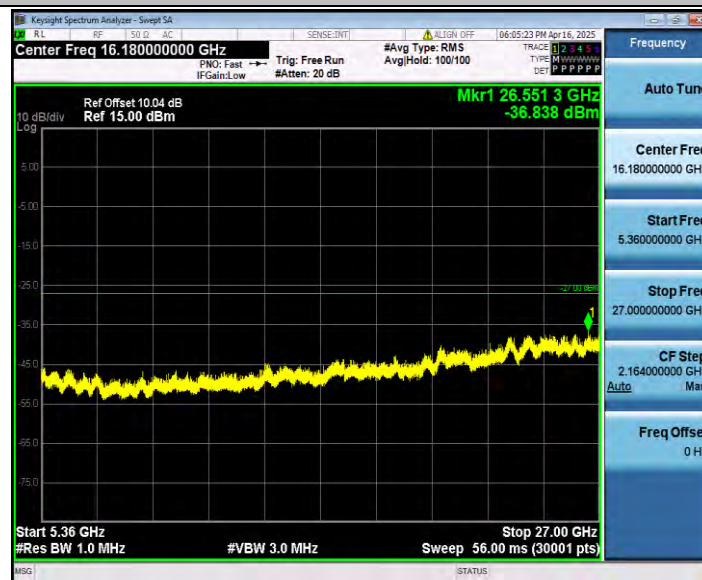
11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



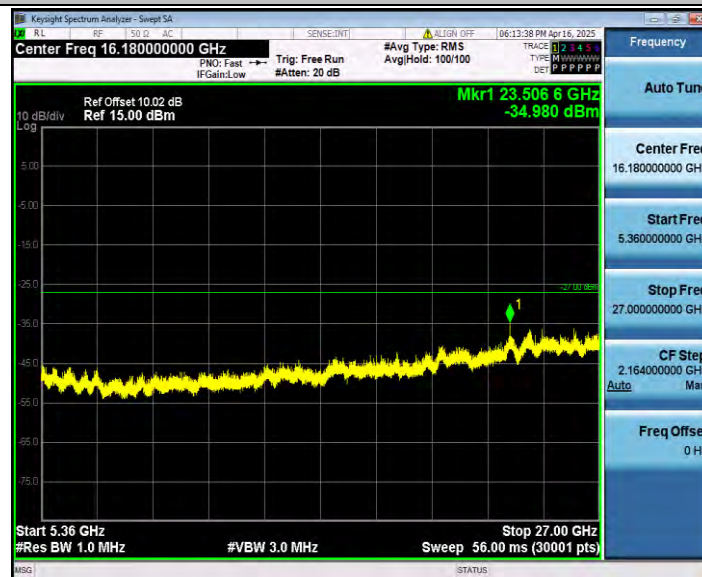
11N20SISO_Ant1_5240_5360~27000



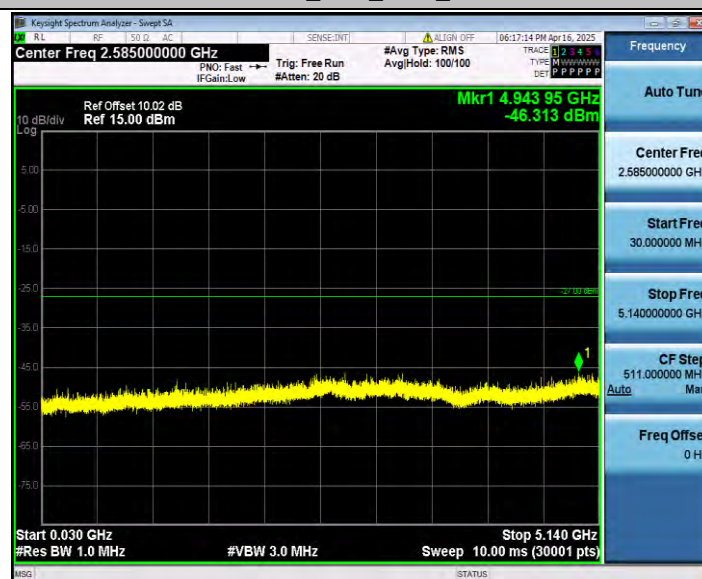
11N40SISO_Ant1_5190_30~5140

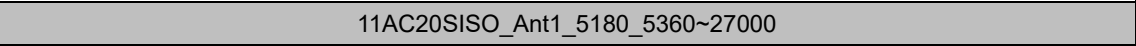
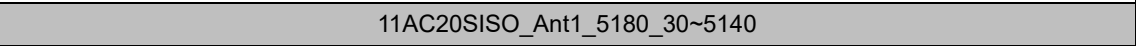


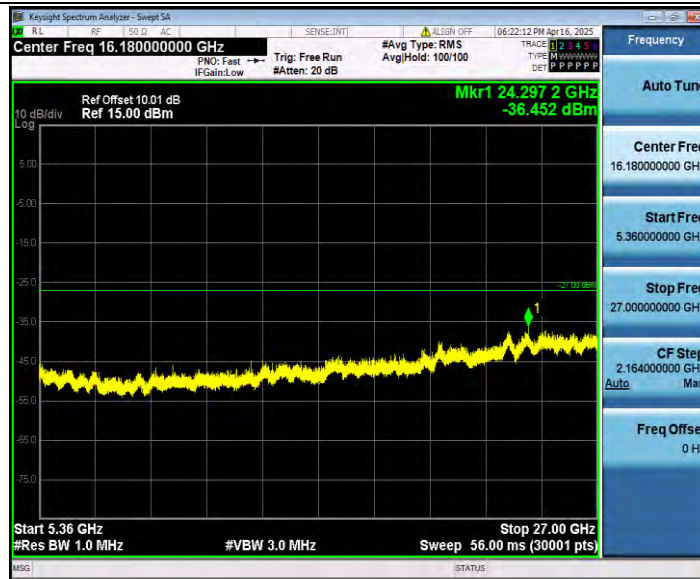
11N40SISO_Ant1_5190_5360~27000



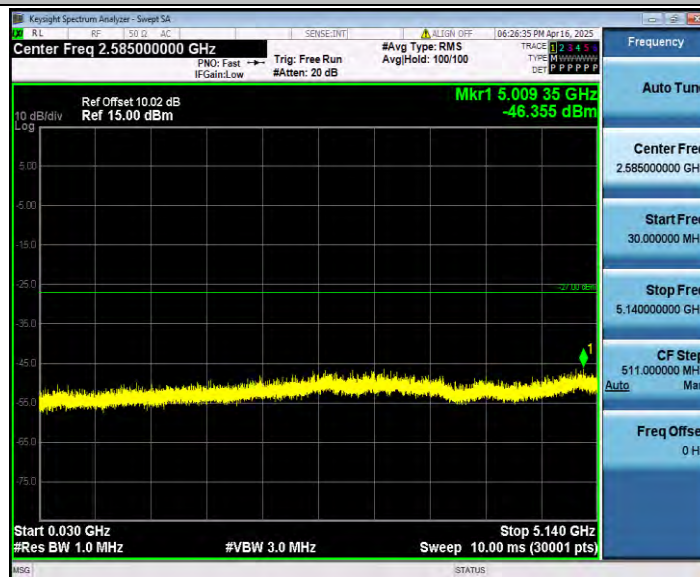
11N40SISO_Ant1_5230_30~5140



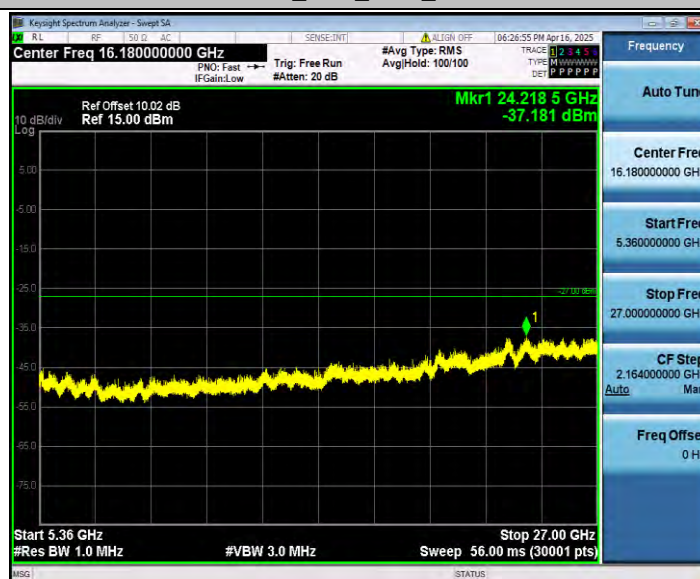




11AC20SISO_Ant1_5200_30~5140



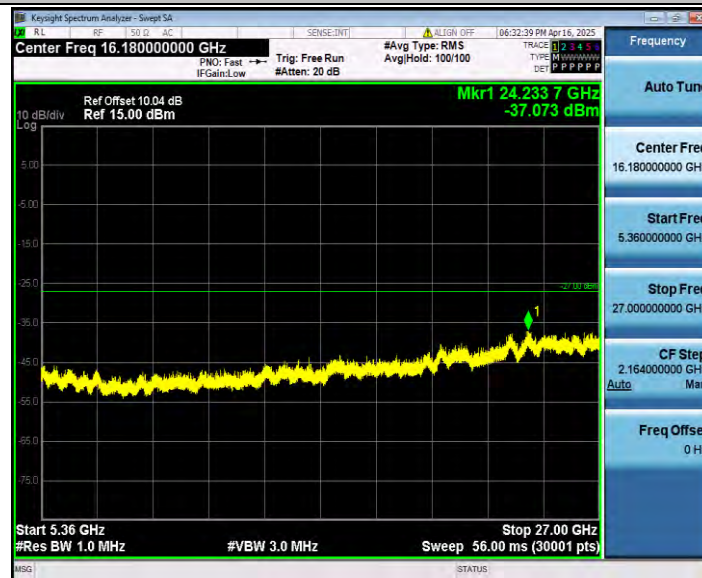
11AC20SISO_Ant1_5200_5360~27000



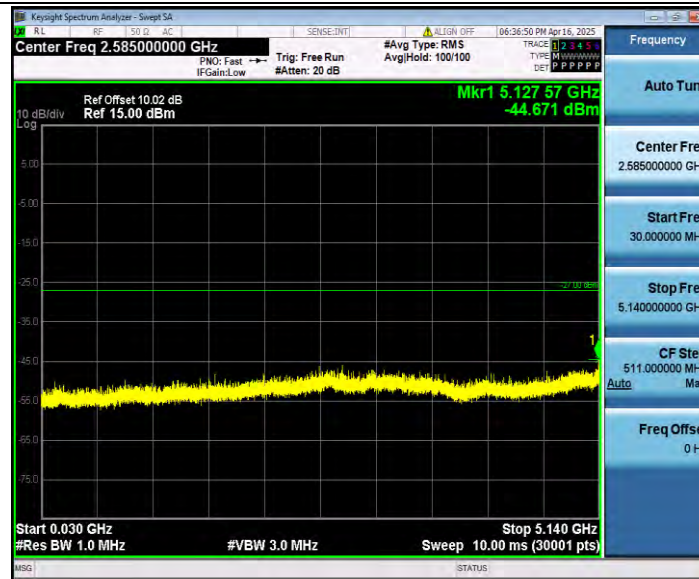
11AC20SISO_Ant1_5240_30~5140



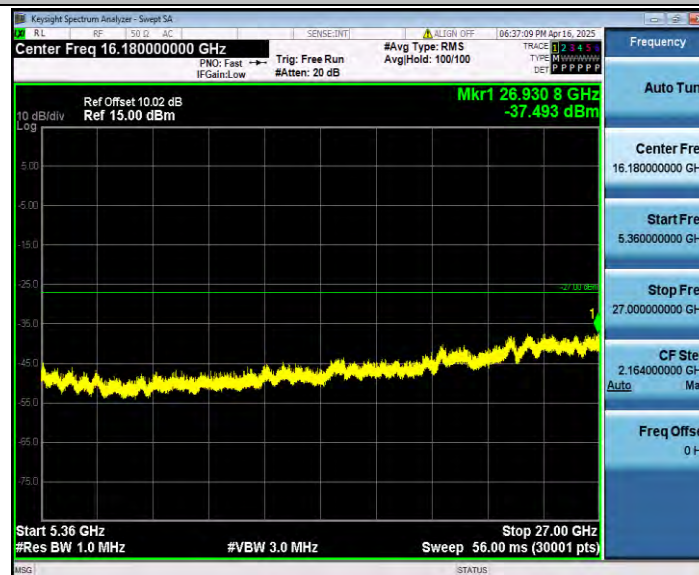
11AC20SISO_Ant1_5240_5360~27000



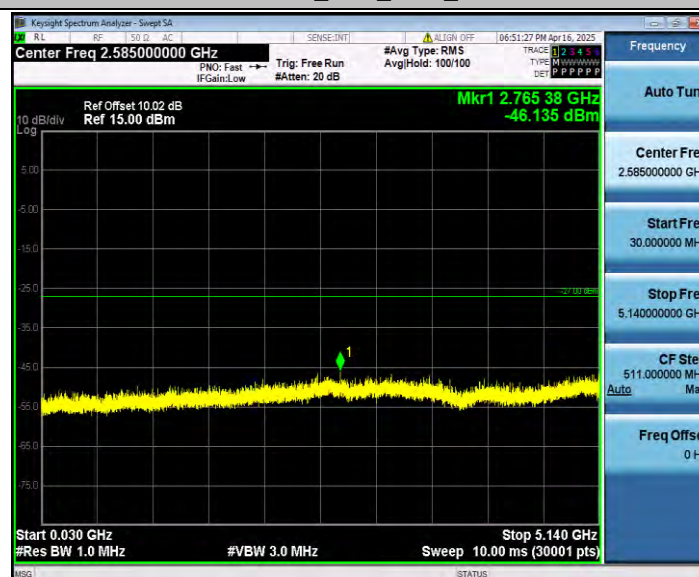
11AC40SISO_Ant1_5190_30~5140



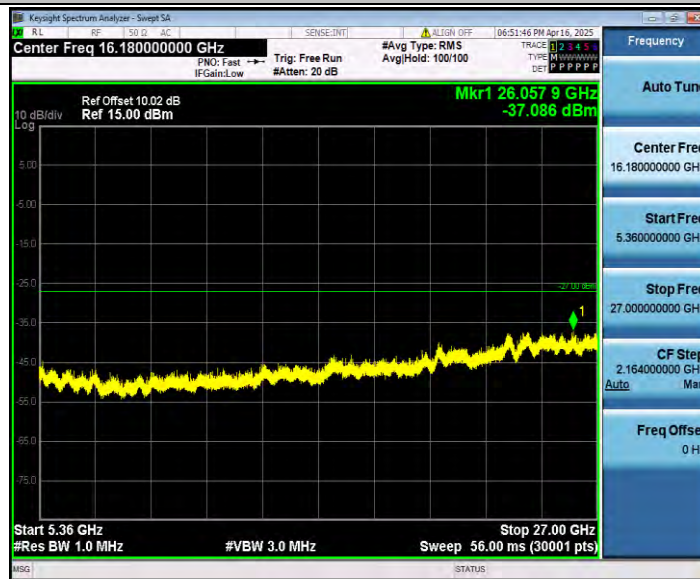
11AC40SISO_Ant1_5190_5360~27000



11AC40SISO_Ant1_5230_30~5140



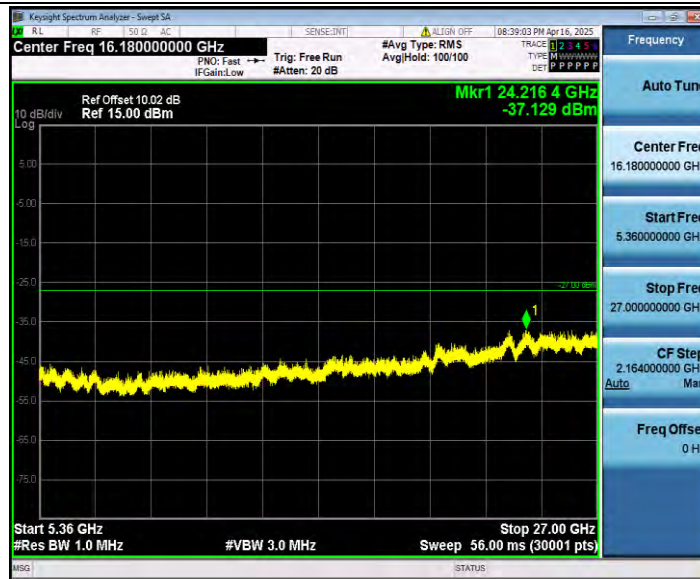
11AC40SISO_Ant1_5230_5360~27000



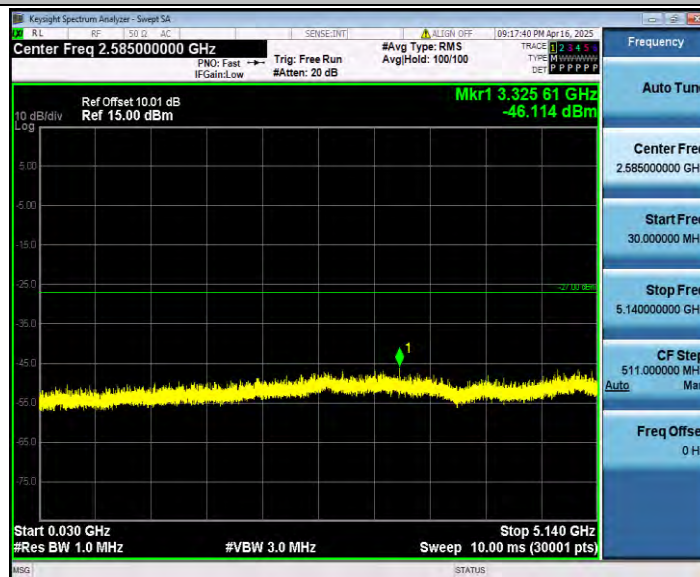
11AC80SISO_Ant1_5210_30~5140



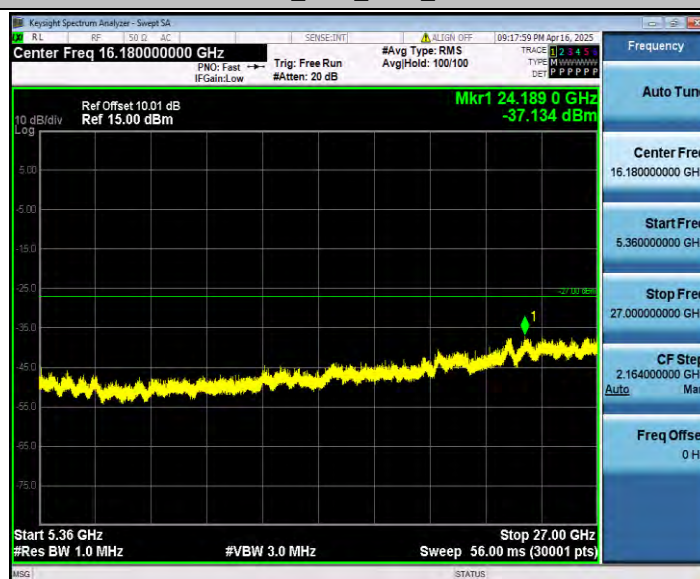
11AC80SISO_Ant1_5210_5360~27000



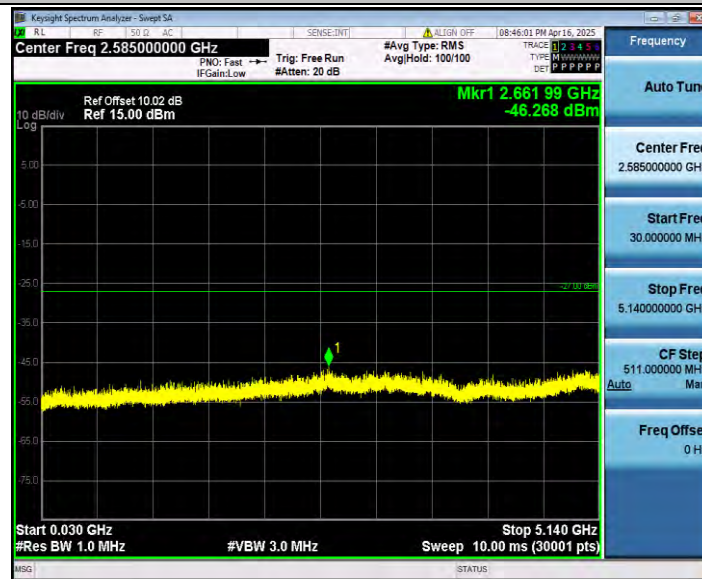
11AX20SISO_Ant1_5180_30~5140



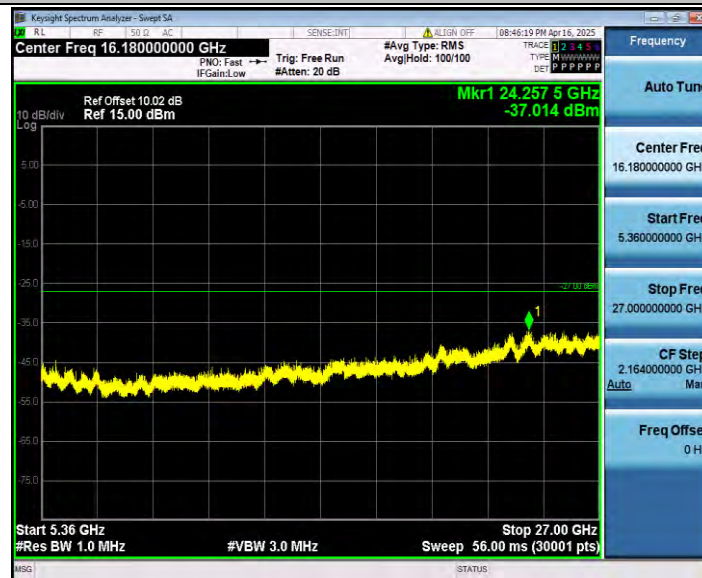
11AX20SISO_Ant1_5180_5360~27000



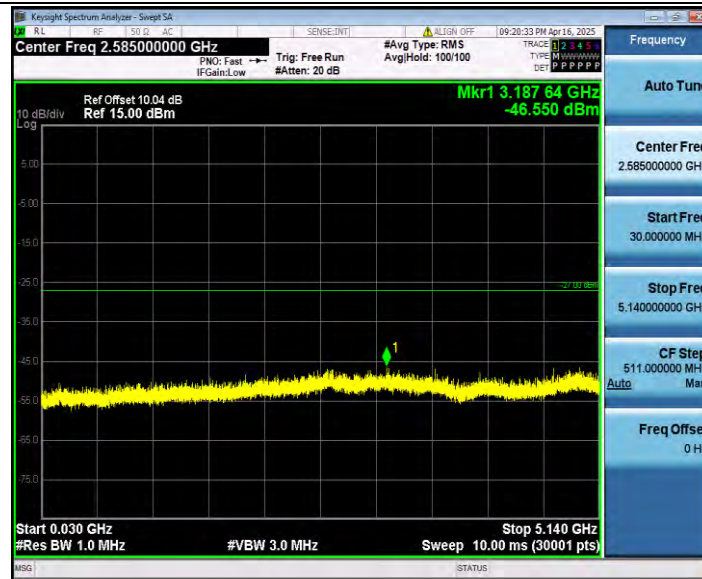
11AX20SISO_Ant1_5200_30~5140



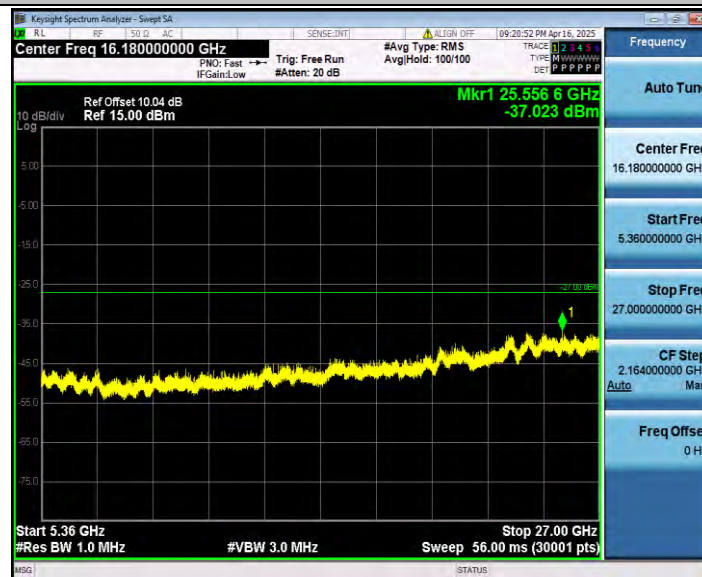
11AX20SISO_Ant1_5200_5360~27000



11AX20SISO_Ant1_5240_30~5140



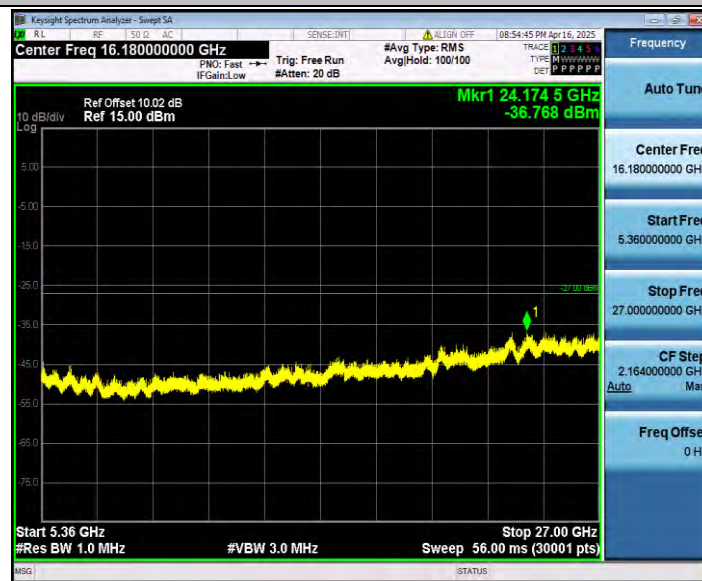
11AX20SISO_Ant1_5240_5360~27000



11AX40SISO_Ant1_5190_30~5140



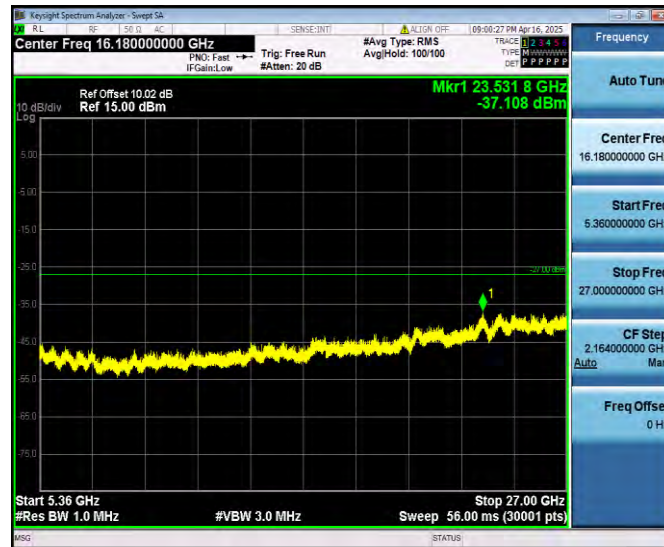
11AX40SISO_Ant1_5190_5360~27000



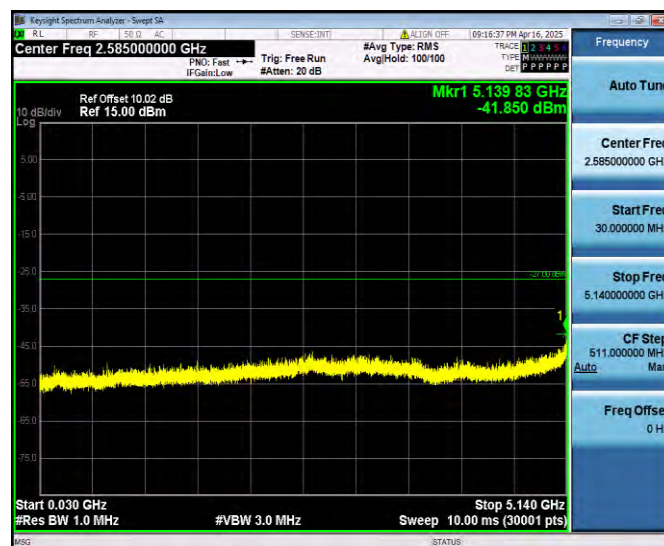
11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~27000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~27000

