

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	4.48	100.00	0.00	4.48	≤23.98	PASS
		5200	4.90	100.00	0.00	4.90	≤23.98	PASS
		5240	6.52	100.00	0.00	6.52	≤23.98	PASS
11N20SISO	Ant1	5180	5.56	100.00	0.00	5.56	≤23.98	PASS
		5200	6.25	100.00	0.00	6.25	≤23.98	PASS
		5240	6.67	100.00	0.00	6.67	≤23.98	PASS
11N40SISO	Ant1	5190	5.97	100.00	0.00	5.97	≤23.98	PASS
		5230	6.26	100.00	0.00	6.26	≤23.98	PASS
11AC20SISO	Ant1	5180	5.43	100.00	0.00	5.43	≤23.98	PASS
		5200	6.08	100.00	0.00	6.08	≤23.98	PASS
		5240	6.24	100.00	0.00	6.24	≤23.98	PASS
11AC40SISO	Ant1	5190	5.81	100.00	0.00	5.81	≤23.98	PASS
		5230	6.09	100.00	0.00	6.09	≤23.98	PASS
11AC80SISO	Ant1	5210	5.06	100.00	0.00	5.06	≤23.98	PASS
11AX20SISO	Ant1	5180	5.16	100.00	0.00	5.16	≤23.98	PASS
		5200	5.73	100.00	0.00	5.73	≤23.98	PASS
		5240	6.07	100.00	0.00	6.07	≤23.98	PASS
11AX40SISO	Ant1	5190	5.71	100.00	0.00	5.71	≤23.98	PASS
		5230	6.03	100.00	0.00	6.03	≤23.98	PASS
11AX80SISO	Ant1	5210	5.79	100.00	0.00	5.79	≤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	-7.28	≤11.00	PASS
		5200	-6.94	≤11.00	PASS
		5240	-5.11	≤11.00	PASS
11N20SISO	Ant1	5180	-6.34	≤11.00	PASS
		5200	-5.72	≤11.00	PASS
		5240	-5.22	≤11.00	PASS
11N40SISO	Ant1	5190	-8.67	≤11.00	PASS
		5230	-8.03	≤11.00	PASS
11AC20SISO	Ant1	5180	-6.43	≤11.00	PASS
		5200	-5.89	≤11.00	PASS
		5240	-5.63	≤11.00	PASS
11AC40SISO	Ant1	5190	-8.86	≤11.00	PASS
		5230	-8.79	≤11.00	PASS
11AC80SISO	Ant1	5210	-11.59	≤11.00	PASS
11AX20SISO	Ant1	5180	-7.00	≤11.00	PASS
		5200	-6.52	≤11.00	PASS
		5240	-6.11	≤11.00	PASS
11AX40SISO	Ant1	5190	-9.13	≤11.00	PASS
		5230	-9.08	≤11.00	PASS
11AX80SISO	Ant1	5210	-11.97	≤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



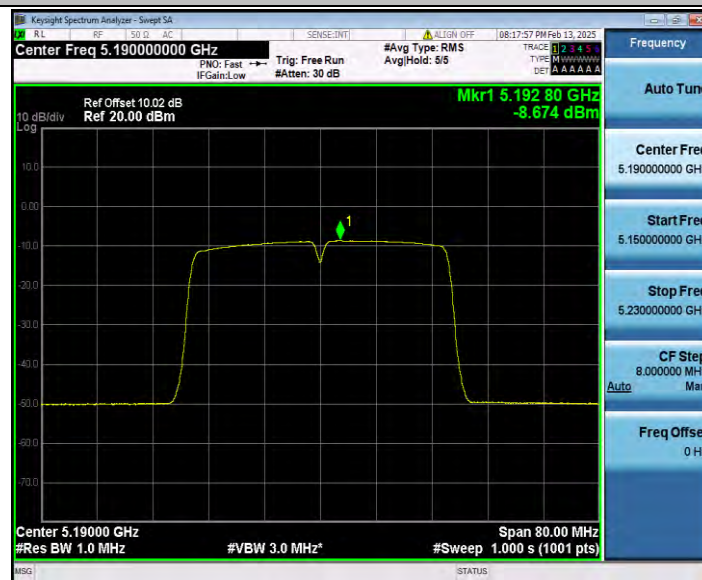
11N20SISO_Ant1_5200



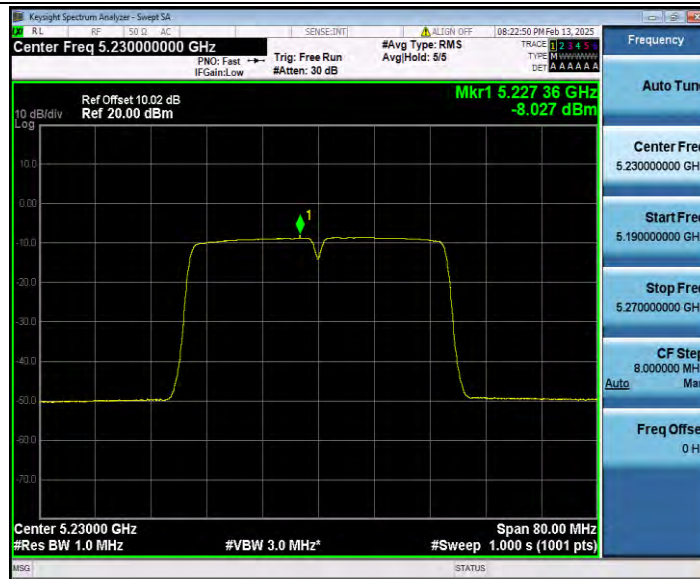
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



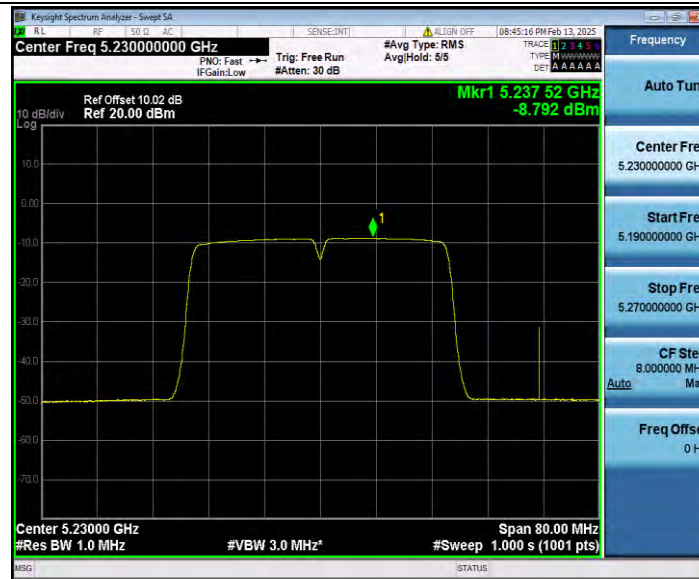
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



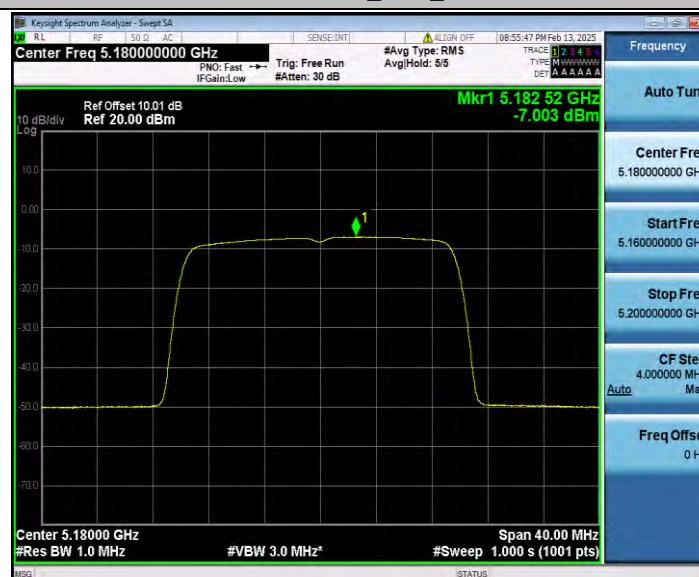
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



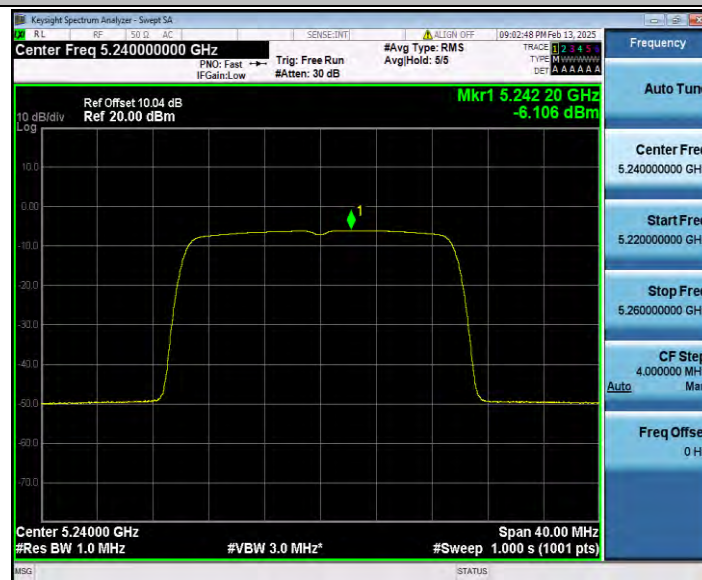
11AX20SISO_Ant1_5180



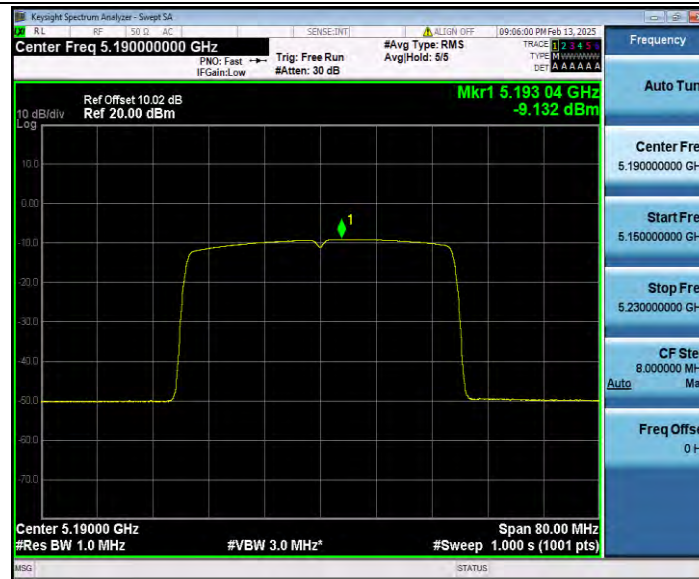
11AX20SISO_Ant1_5200



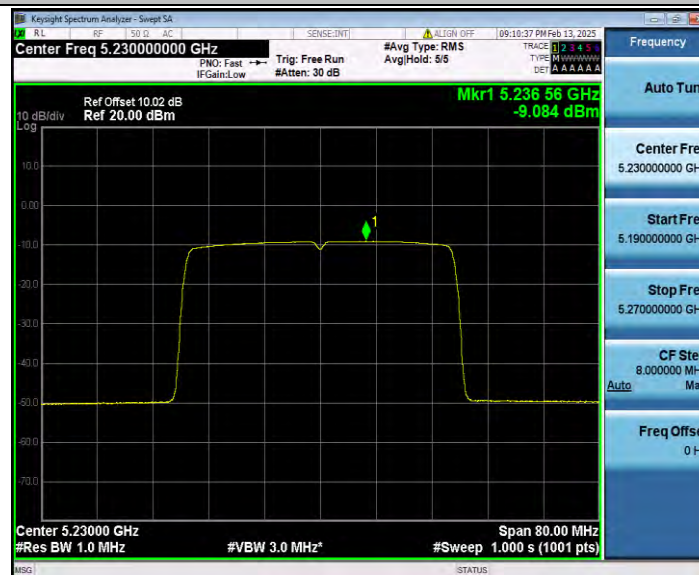
11AX20SISO_Ant1_5240



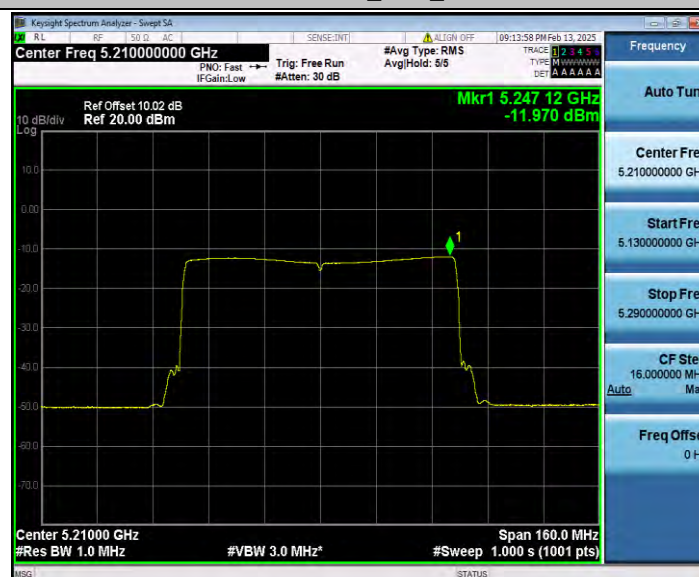
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



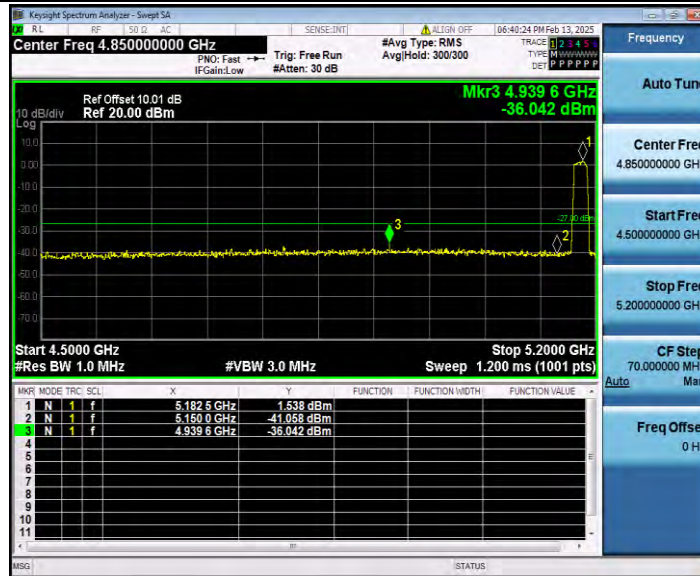
Appendix D.6: Band edge measurements

Test Result B1

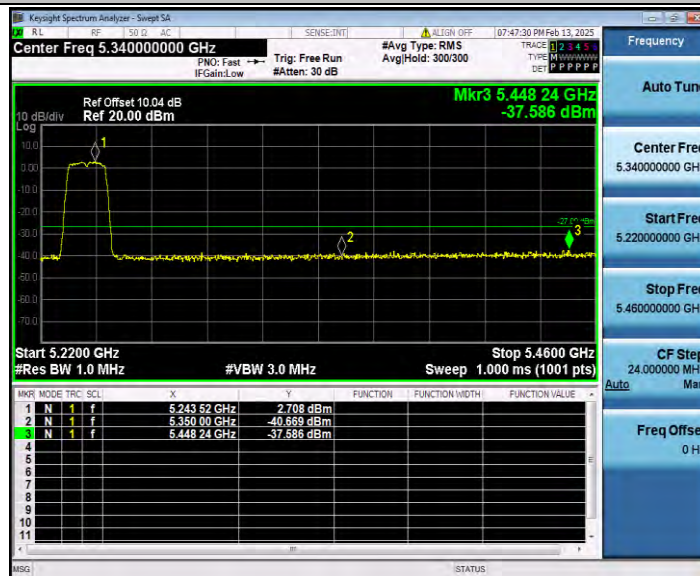
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.04	≤ -27	PASS
		High	5240	-37.59	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-37.77	≤ -27	PASS
		High	5240	-37.81	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-37.05	≤ -27	PASS
		High	5230	-37.24	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.76	≤ -27	PASS
		High	5240	-37.25	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-37.46	≤ -27	PASS
		High	5230	-37	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-36.82	≤ -27	PASS
		High	5210	-37.31	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-36.93	≤ -27	PASS
		High	5240	-37.51	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-36.04	≤ -27	PASS
		High	5230	-36.72	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-36.51	≤ -27	PASS
		High	5210	-37.99	≤ -27	PASS

Test Graphs B1

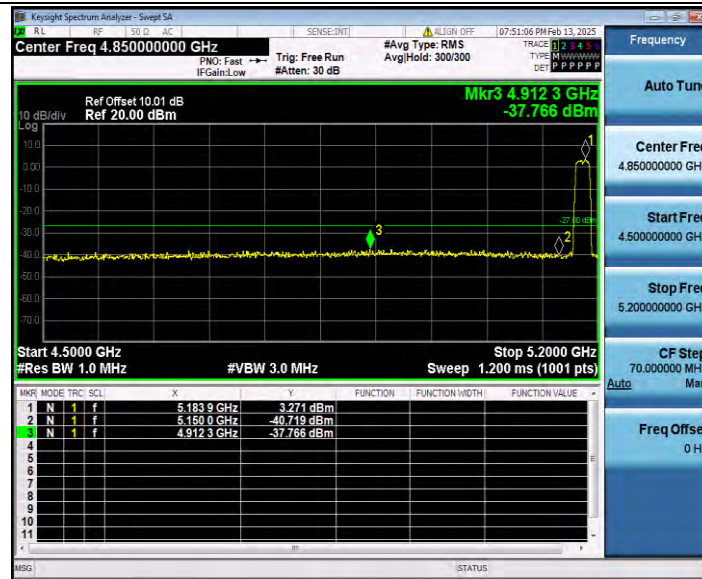
11A_Ant1_Low_5180



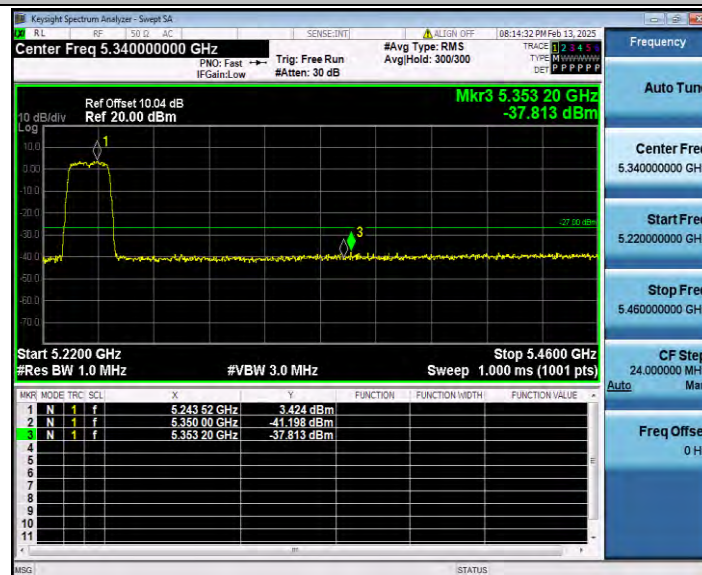
11A_Ant1_High_5240



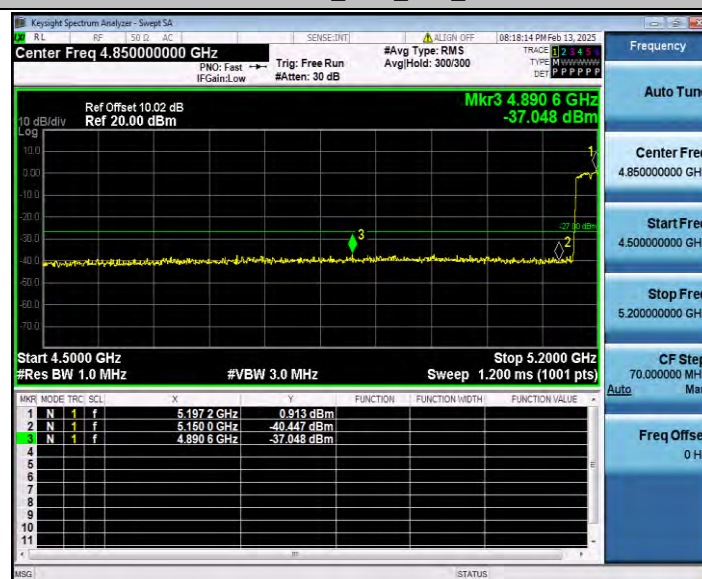
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



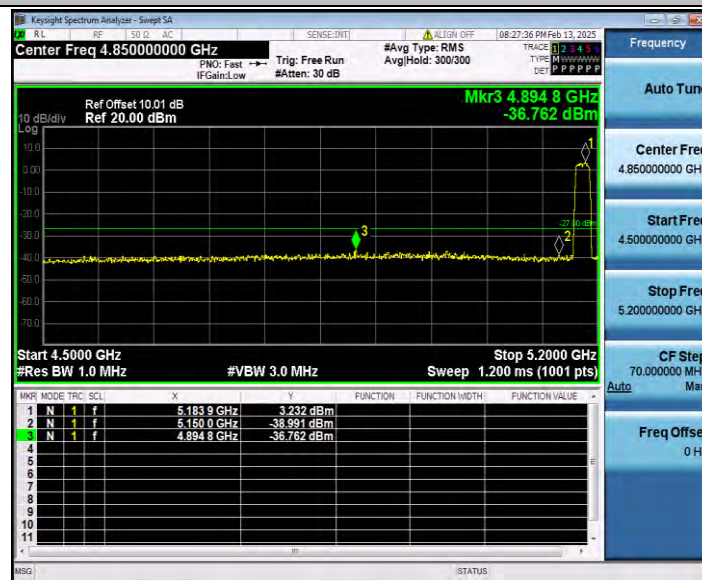
11N40SISO_Ant1_Low_5190



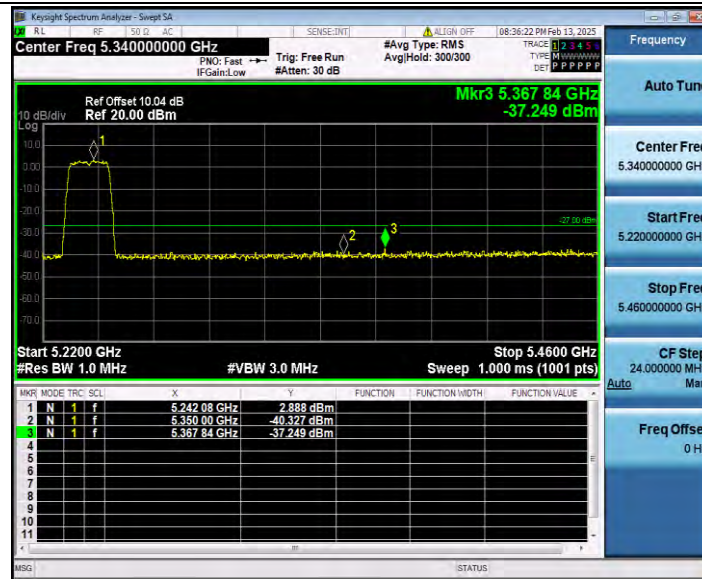
11N40SISO_Ant1_High_5230



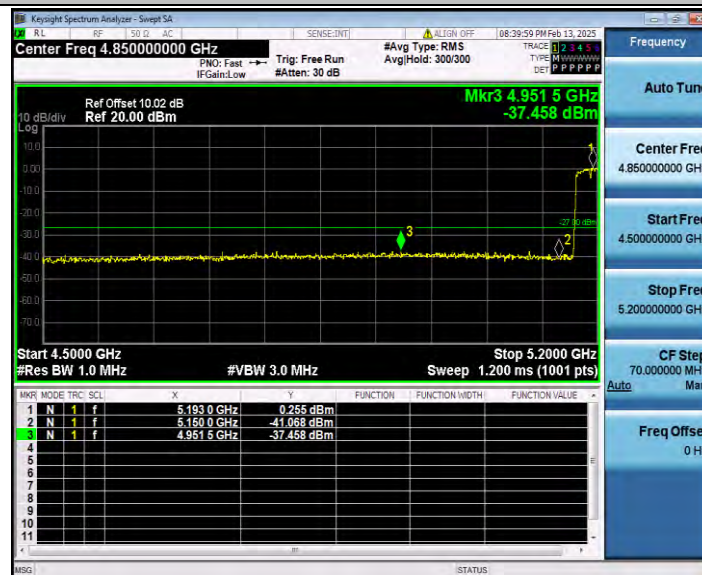
11AC20SISO_Ant1_Low_5180



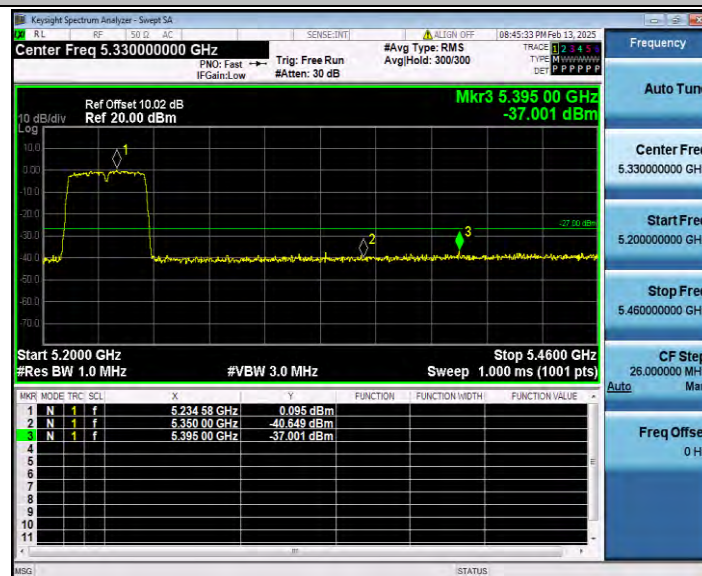
11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



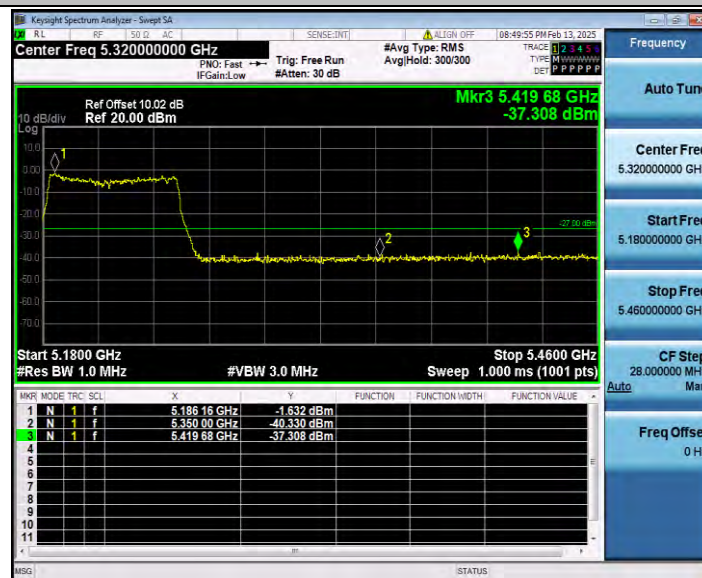
11AC40SISO_Ant1_High_5230



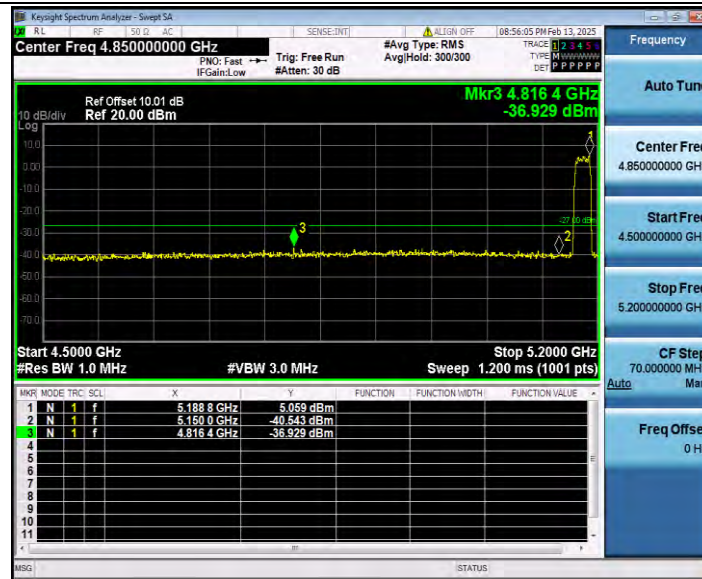
11AC80SISO_Ant1_Low_5210



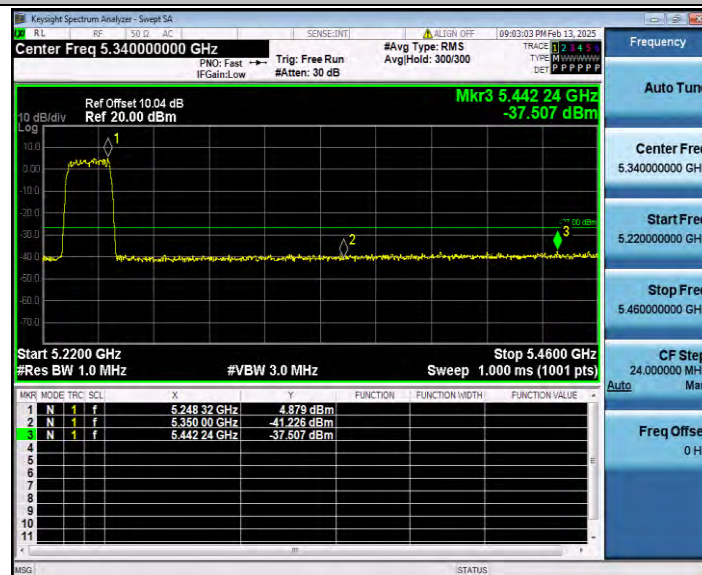
11AC80SISO_Ant1_High_5210



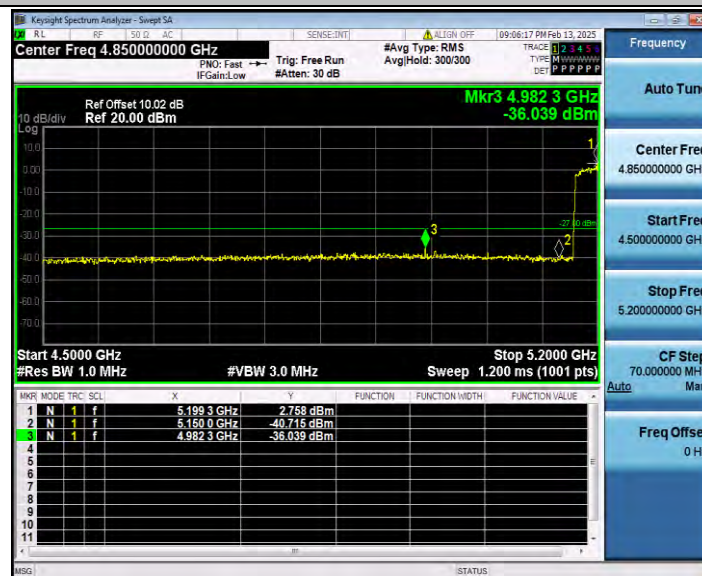
11AX20SISO_Ant1_Low_5180



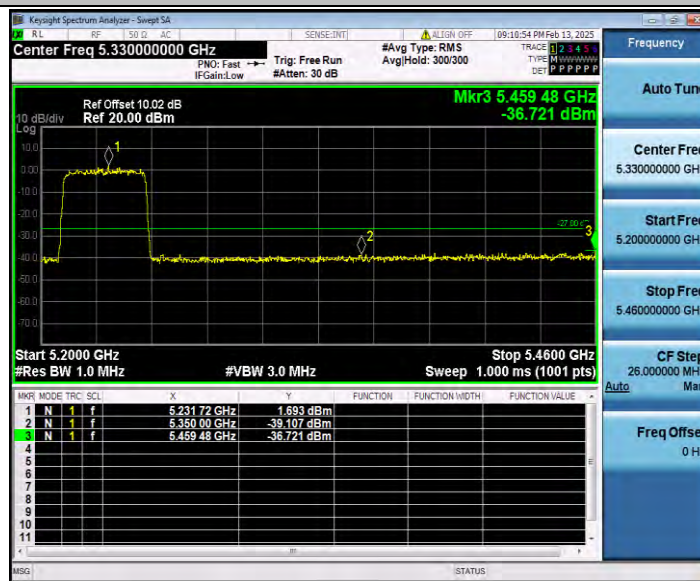
11AX20SISO_Ant1_High_5240



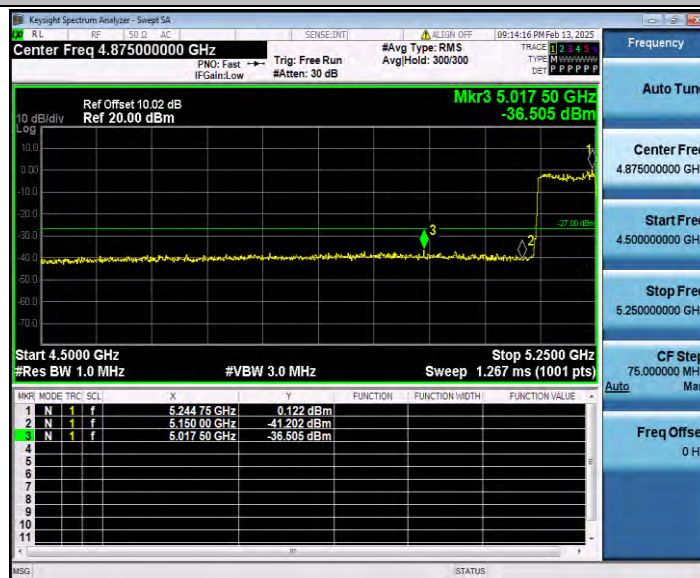
11AX40SISO_Ant1_Low_5190



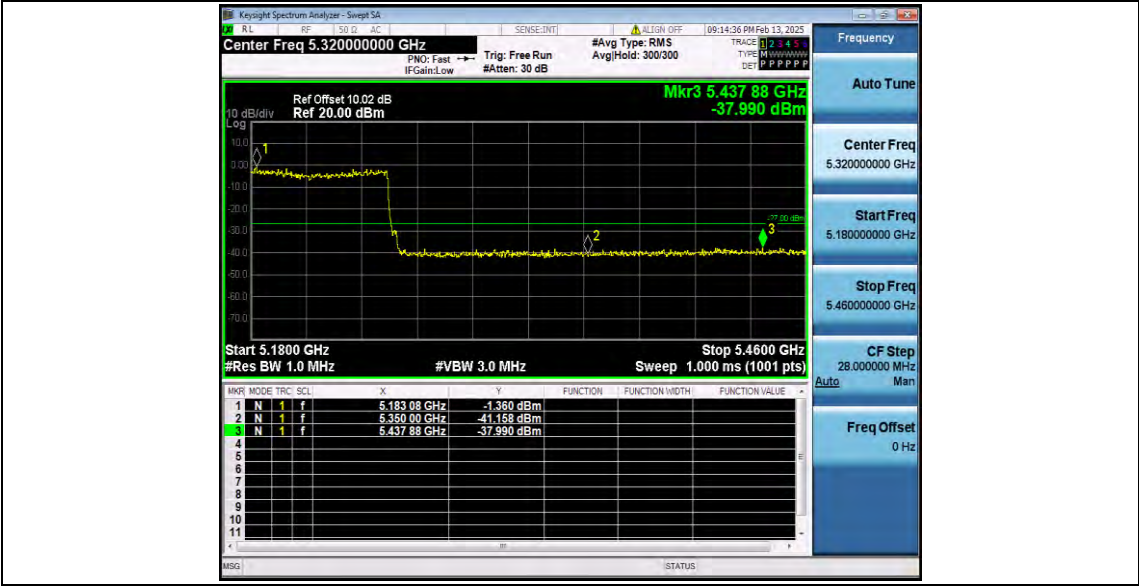
11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



11AX80SISO_Ant1_High_5210



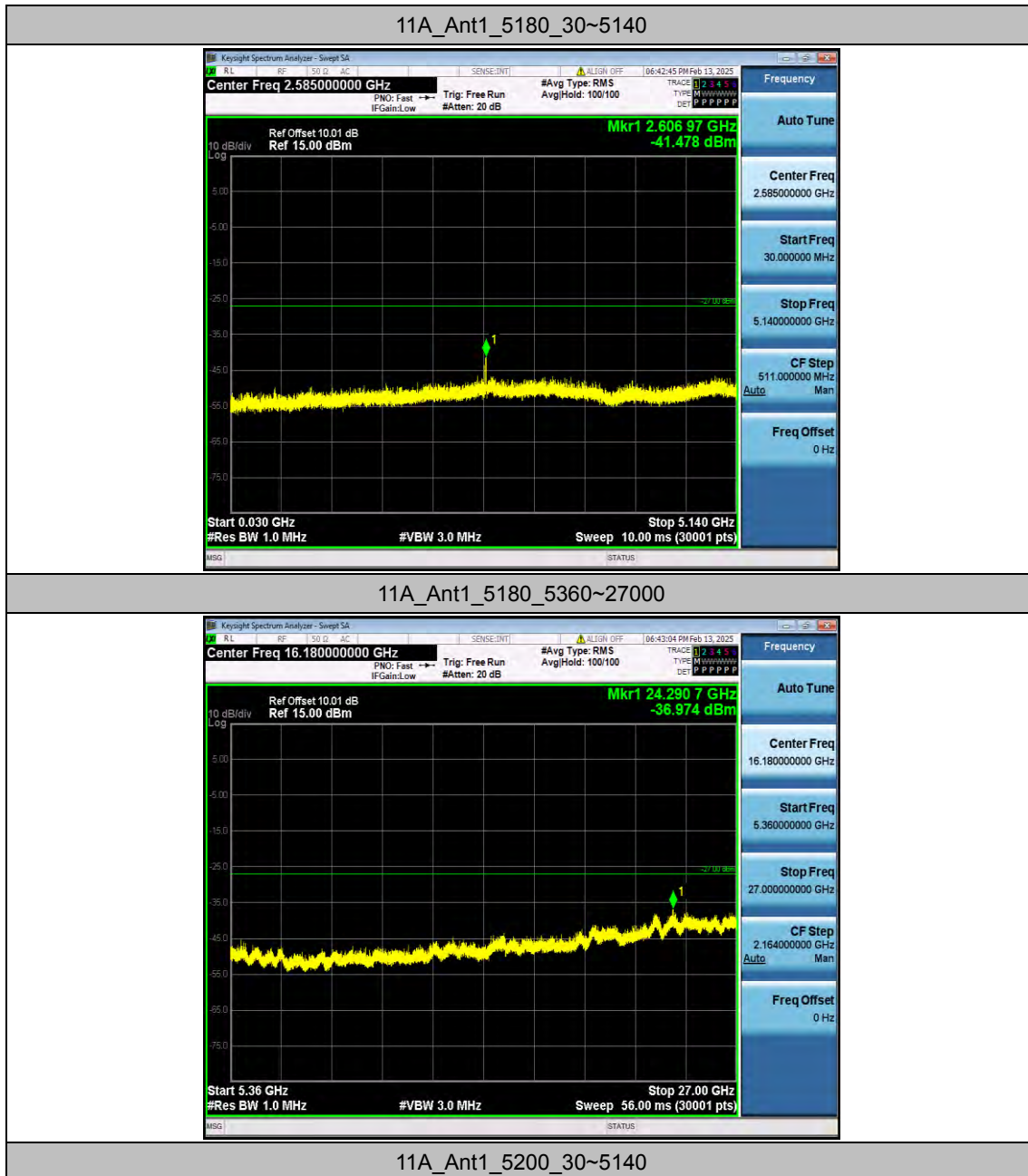
Appendix D.7: Conducted Spurious Emission

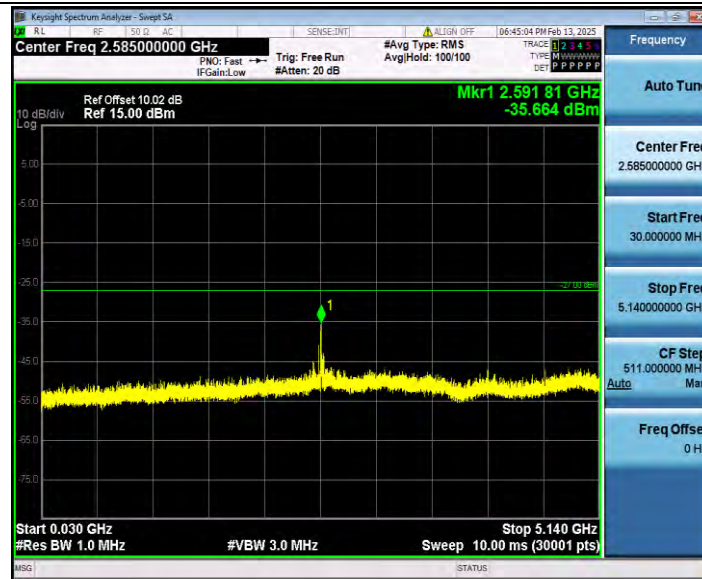
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	2606.97	-41.48	≤-27	PASS
			5360~27000	24290.67	-36.97	≤-27	PASS
		5200	30~5140	2591.81	-35.66	≤-27	PASS
			5360~27000	23578.72	-37.51	≤-27	PASS
		5240	30~5140	4935.6	-45.86	≤-27	PASS
			5360~27000	26120.69	-36.95	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	4991.3	-46.51	≤-27	PASS
			5360~27000	24212.77	-37.55	≤-27	PASS
		5200	30~5140	5059.77	-46.67	≤-27	PASS
			5360~27000	25180.08	-37.37	≤-27	PASS
		5240	30~5140	2336.65	-44.57	≤-27	PASS
			5360~27000	23496.48	-37.22	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	2611.74	-38.68	≤-27	PASS
			5360~27000	23538.32	-37.63	≤-27	PASS
		5230	30~5140	3160.73	-46.22	≤-27	PASS
			5360~27000	24232.24	-37.8	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	2518.74	-43.27	≤-27	PASS
			5360~27000	26780.71	-36.74	≤-27	PASS
		5200	30~5140	4952.8	-46.06	≤-27	PASS
			5360~27000	23477.01	-37.77	≤-27	PASS
		5240	30~5140	2675.62	-45.57	≤-27	PASS
			5360~27000	26823.27	-36.95	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	4928.62	-46.13	≤-27	PASS
			5360~27000	24234.41	-36.63	≤-27	PASS
		5230	30~5140	3161.41	-45.79	≤-27	PASS
			5360~27000	26984.85	-37.05	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	4944.8	-46.08	≤-27	PASS
			5360~27000	24228.64	-37.19	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	3292.22	-46.38	≤-27	PASS
			5360~27000	25610.71	-36.79	≤-27	PASS
		5200	30~5140	2521.64	-42.83	≤-27	PASS
			5360~27000	26545.56	-36.55	≤-27	PASS
		5240	30~5140	2521.98	-39.89	≤-27	PASS
			5360~27000	26053.61	-37.3	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	3173.16	-45.39	≤-27	PASS
			5360~27000	26071.64	-36.22	≤-27	PASS

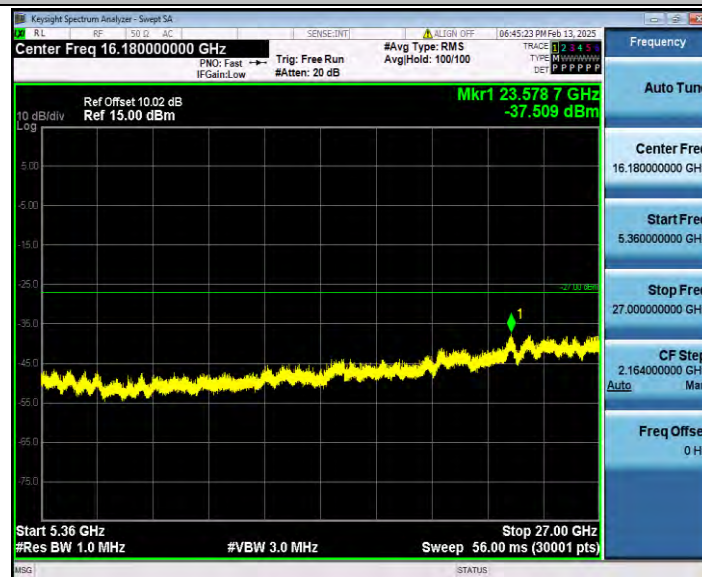
		5230	30~5140	2323.54	-45.83	≤ -27	PASS
			5360~27000	26509.49	-36.8	≤ -27	PASS
11AX80SISO	Ant1	5210	30~5140	5129.44	-46.5	≤ -27	PASS
			5360~27000	24229.36	-36.85	≤ -27	PASS

Test Graphs

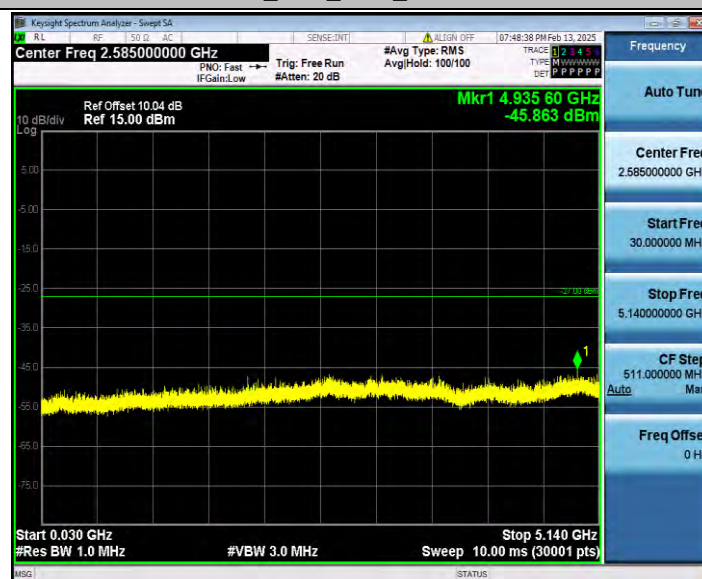


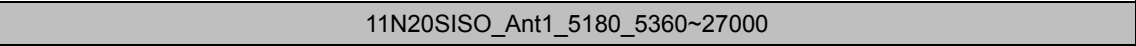
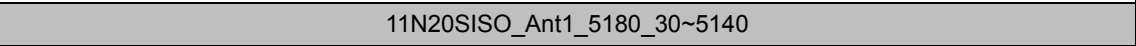


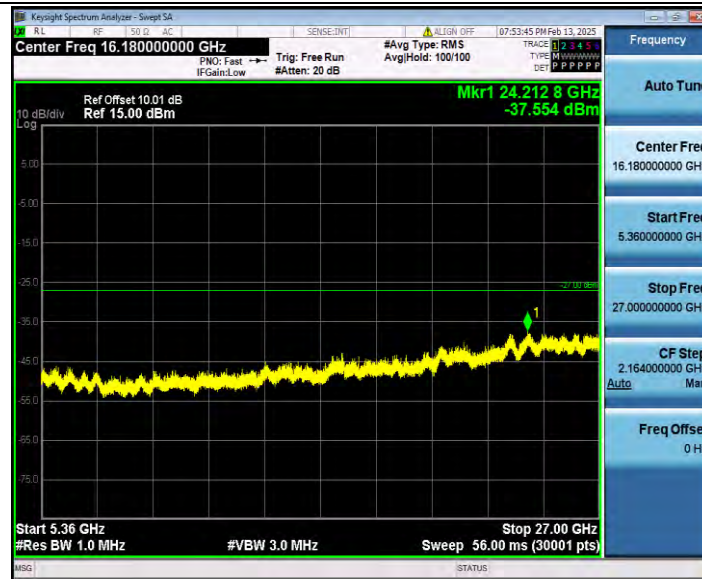
11A_Ant1_5200_5360~27000



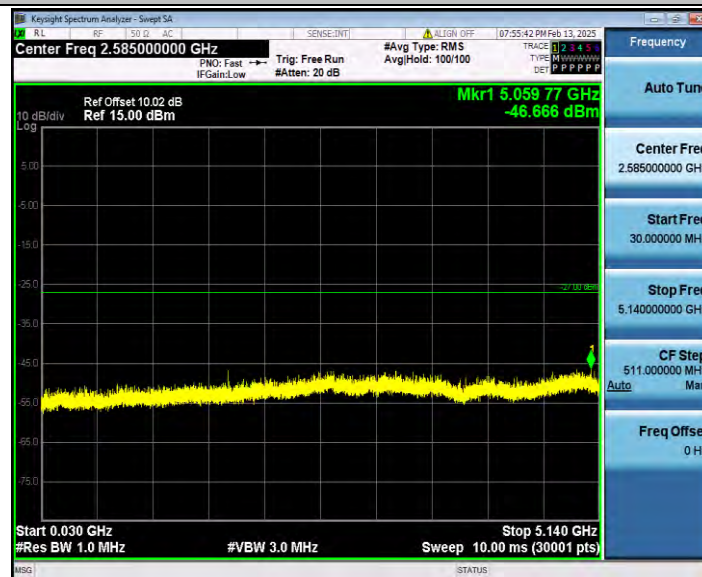
11A_Ant1_5240_30~5140



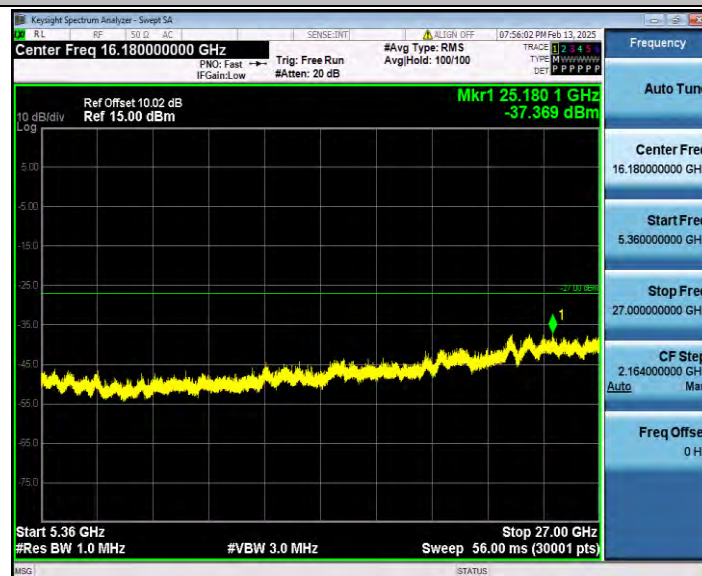




11N20SISO_Ant1_5200_30~5140



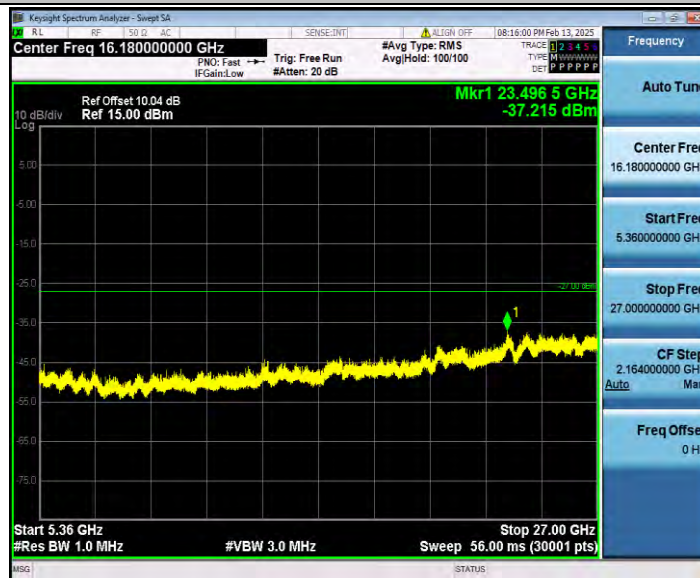
11N20SISO_Ant1_5200_5360~27000



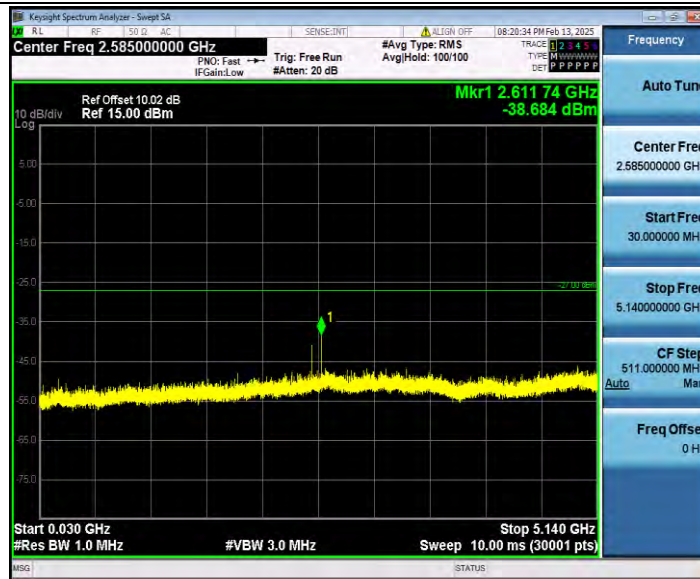
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



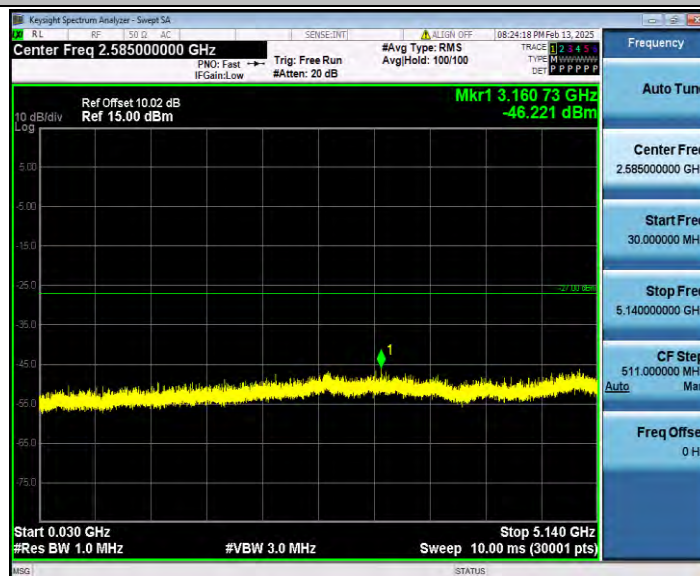
11N40SISO_Ant1_5190_30~5140

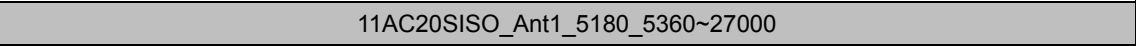
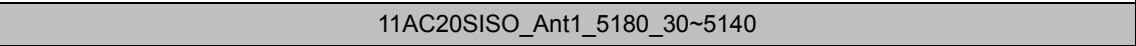


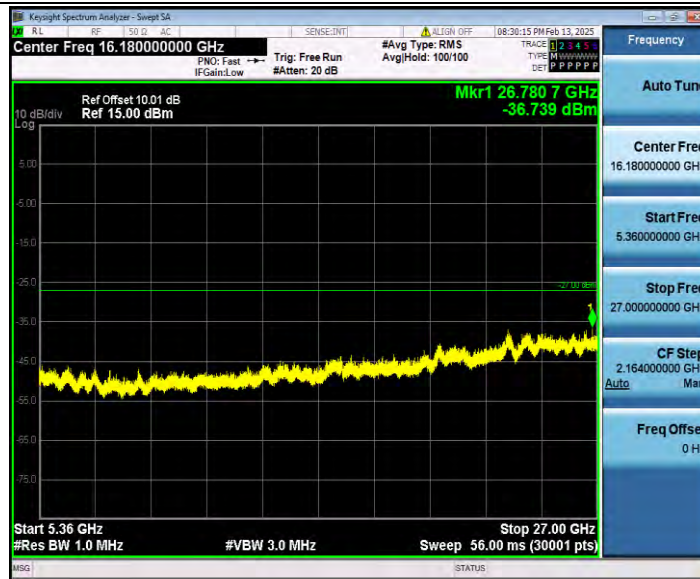
11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



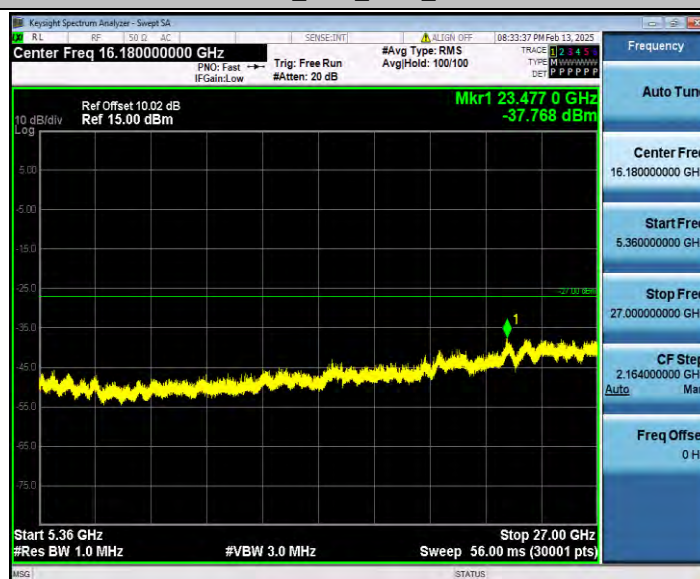




11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



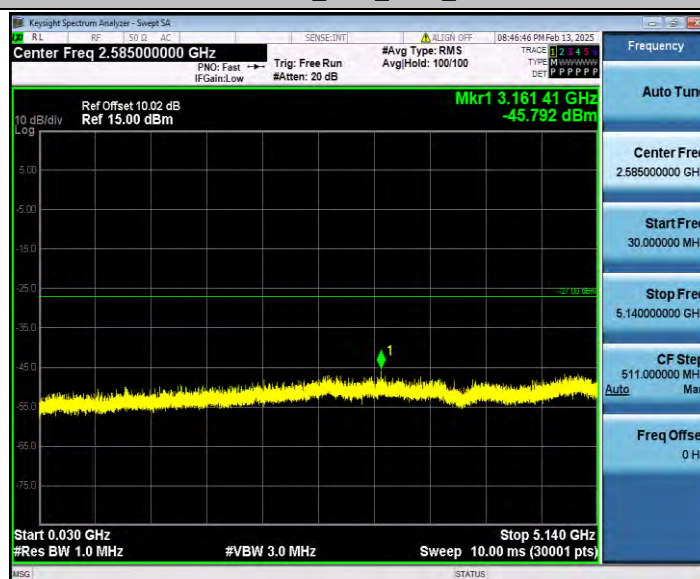
11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~27000



11AC40SISO_Ant1_5230_30~5140



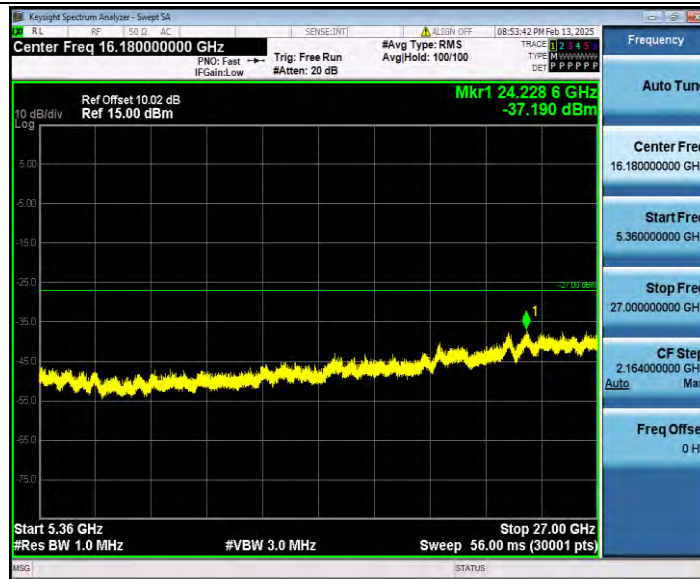
11AC40SISO_Ant1_5230_5360~27000



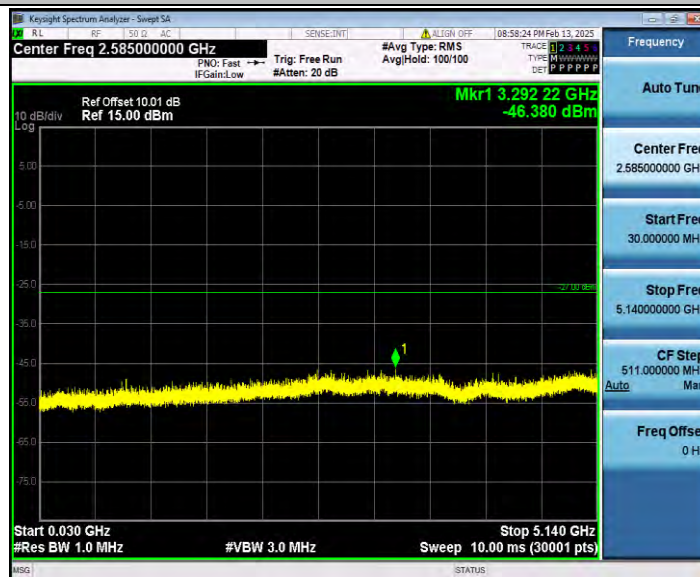
11AC80SISO_Ant1_5210_30~5140



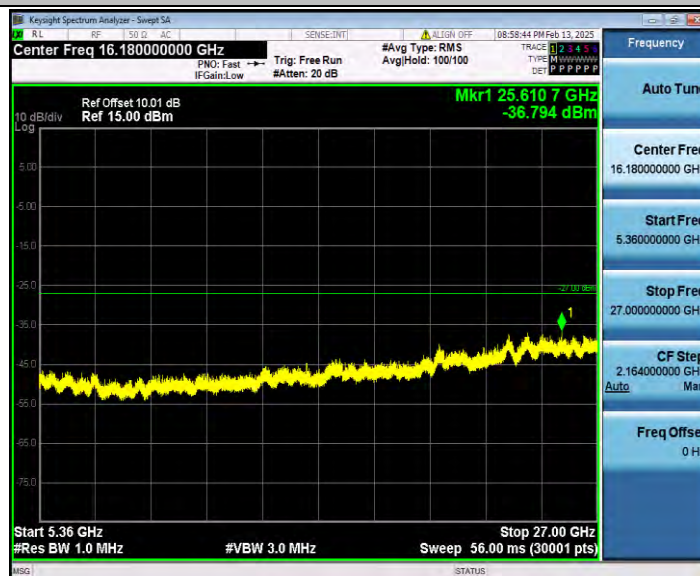
11AC80SISO_Ant1_5210_5360~27000



11AX20SISO_Ant1_5180_30~5140



11AX20SISO_Ant1_5180_5360~27000



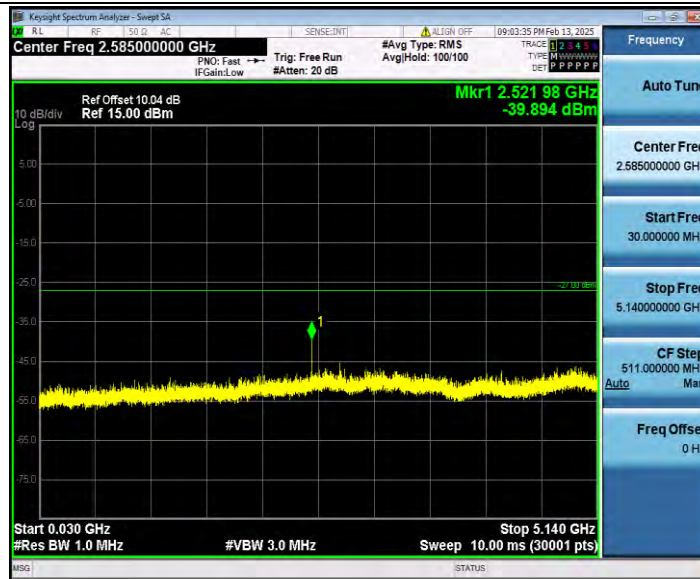
11AX20SISO_Ant1_5200_30~5140



11AX20SISO_Ant1_5200_5360~27000



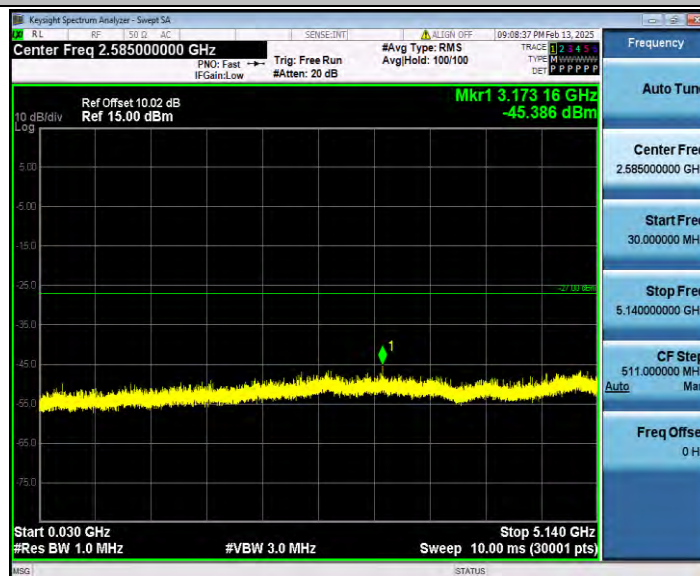
11AX20SISO_Ant1_5240_30~5140



11AX20SISO_Ant1_5240_5360~27000



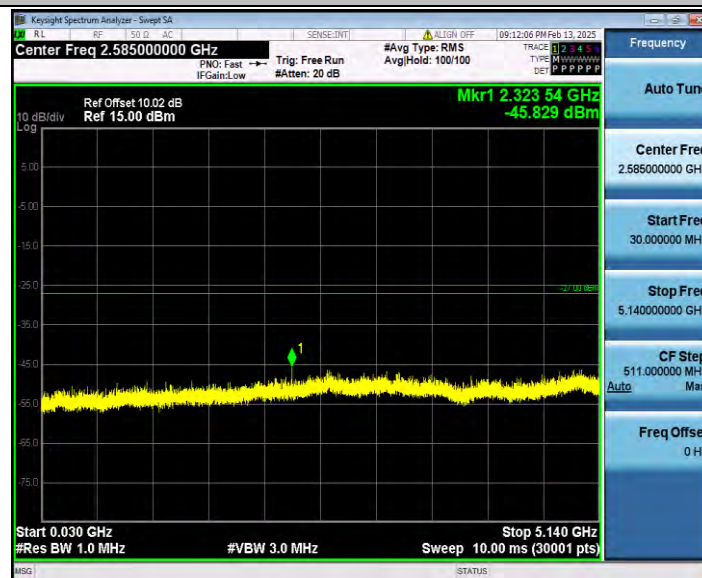
11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~27000



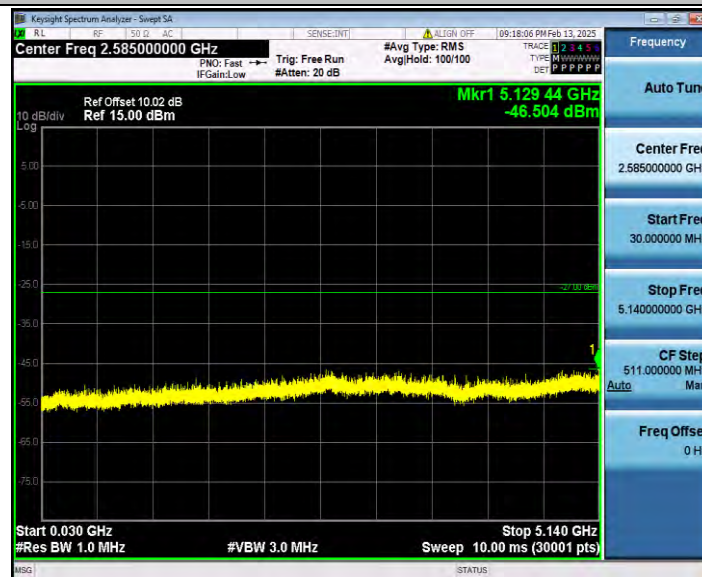
11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~27000



11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~27000

