

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	Ant2	5180	6.00	100.00	0.00	6.00	≤23.98	PASS
		5200	6.36	100.00	0.00	6.36	≤23.98	PASS
		5240	6.44	100.00	0.00	6.44	≤23.98	PASS
11N20SISO	Ant2	5180	5.88	100.00	0.00	5.88	≤23.98	PASS
		5200	4.93	100.00	0.00	4.93	≤23.98	PASS
		5240	5.87	100.00	0.00	5.87	≤23.98	PASS
11N40SISO	Ant2	5190	5.74	100.00	0.00	5.74	≤23.98	PASS
		5230	5.53	100.00	0.00	5.53	≤23.98	PASS
11AC20SISO	Ant2	5180	5.45	100.00	0.00	5.45	≤23.98	PASS
		5200	6.57	100.00	0.00	6.57	≤23.98	PASS
		5240	6.69	100.00	0.00	6.69	≤23.98	PASS
11AC40SISO	Ant2	5190	6.35	100.00	0.00	6.35	≤23.98	PASS
		5230	6.37	100.00	0.00	6.37	≤23.98	PASS
11AC80SISO	Ant2	5210	6.24	100.00	0.00	6.24	≤23.98	PASS
11AX20SISO	Ant2	5180	4.36	100.00	0.00	4.36	≤23.98	PASS
		5200	5.23	100.00	0.00	5.23	≤23.98	PASS
		5240	5.36	100.00	0.00	5.36	≤23.98	PASS
11AX40SISO	Ant2	5190	5.00	100.00	0.00	5.00	≤23.98	PASS
		5230	5.26	100.00	0.00	5.26	≤23.98	PASS
11AX80SISO	Ant2	5210	4.91	100.00	0.00	4.91	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	-5.56	≤11.00	PASS
		5200	-5.31	≤11.00	PASS
		5240	-5.08	≤11.00	PASS
11N20SISO	Ant2	5180	-5.17	≤11.00	PASS
		5200	-6.04	≤11.00	PASS
		5240	-5.06	≤11.00	PASS
11N40SISO	Ant2	5190	-8.11	≤11.00	PASS
		5230	-8.11	≤11.00	PASS
11AC20SISO	Ant2	5180	-5.56	≤11.00	PASS
		5200	-4.34	≤11.00	PASS
		5240	-4.13	≤11.00	PASS
11AC40SISO	Ant2	5190	-7.23	≤11.00	PASS
		5230	-7.23	≤11.00	PASS
11AC80SISO	Ant2	5210	-10.48	≤11.00	PASS
11AX20SISO	Ant2	5180	-7.87	≤11.00	PASS
		5200	-7.05	≤11.00	PASS
		5240	-6.80	≤11.00	PASS
11AX40SISO	Ant2	5190	-9.63	≤11.00	PASS
		5230	-9.59	≤11.00	PASS
11AX80SISO	Ant2	5210	-12.93	≤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_Ant2_5180



11A_Ant2_5200



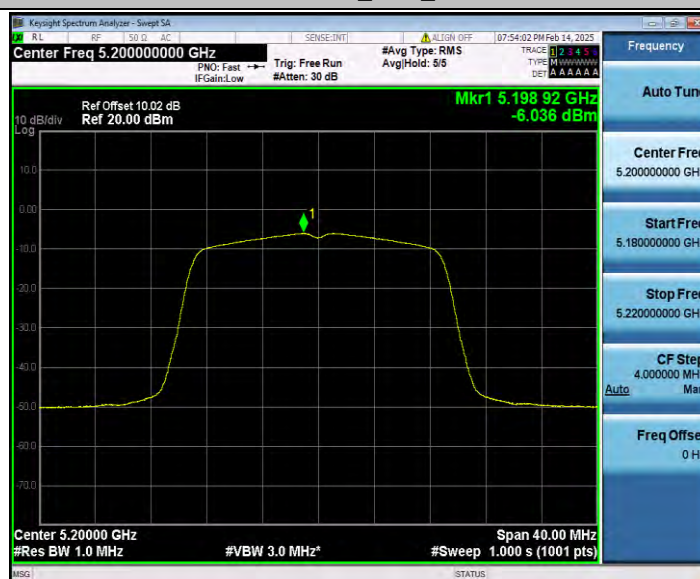
11A_Ant2_5240



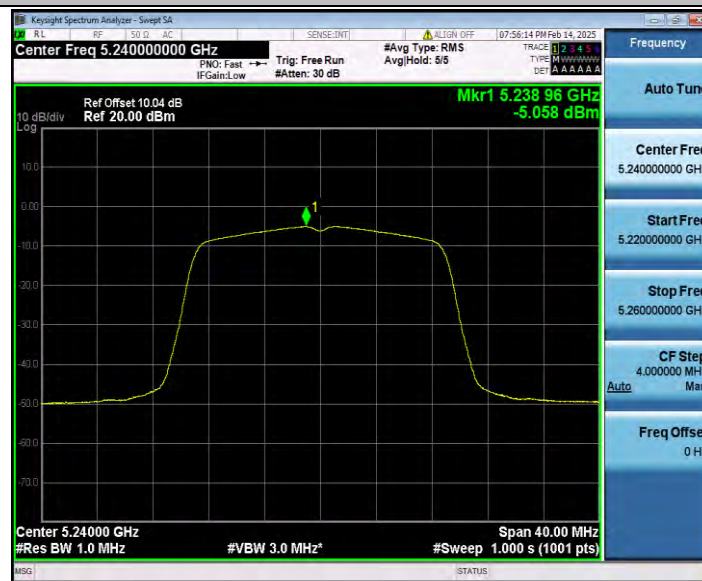
11N20SISO_Ant2_5180



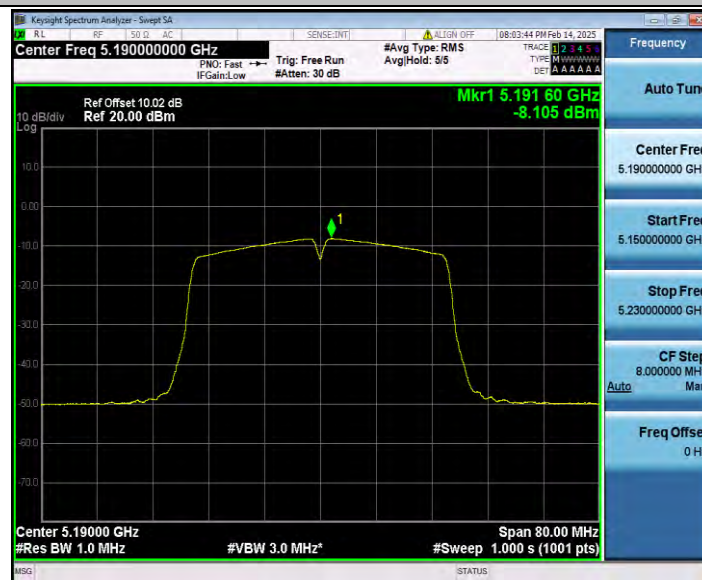
11N20SISO_Ant2_5200



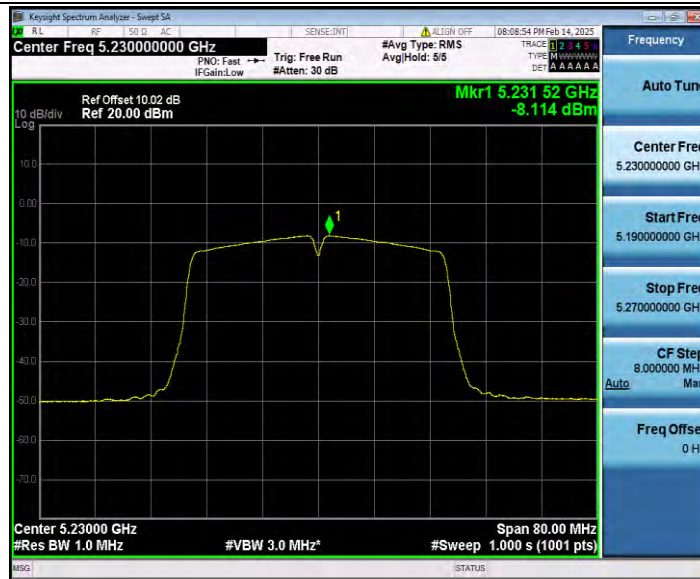
11N20SISO_Ant2_5240



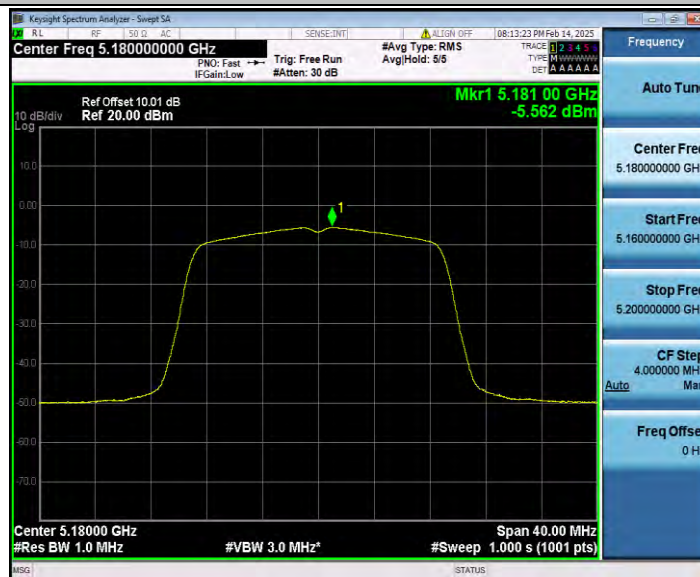
11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



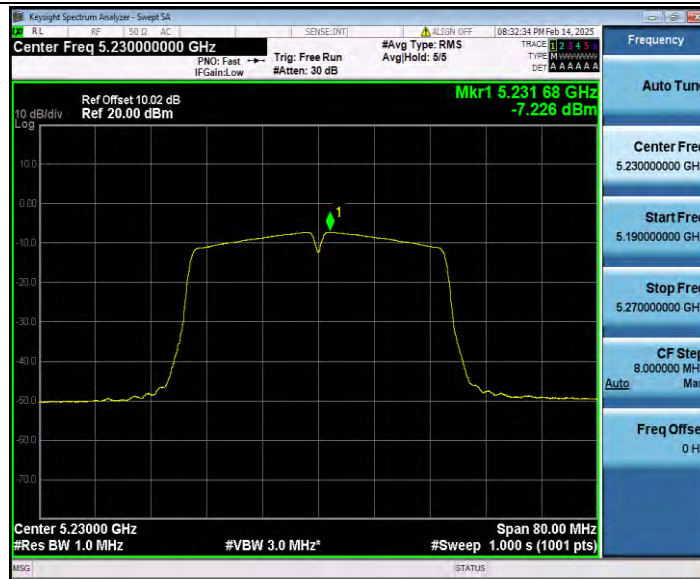
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



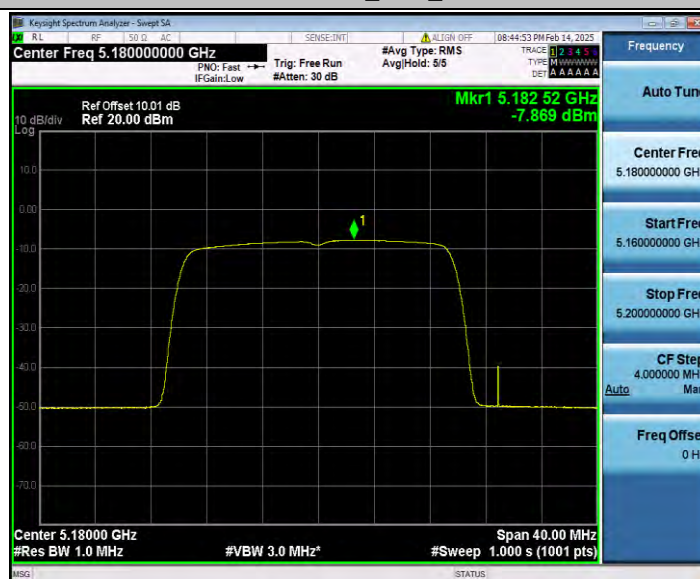
11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



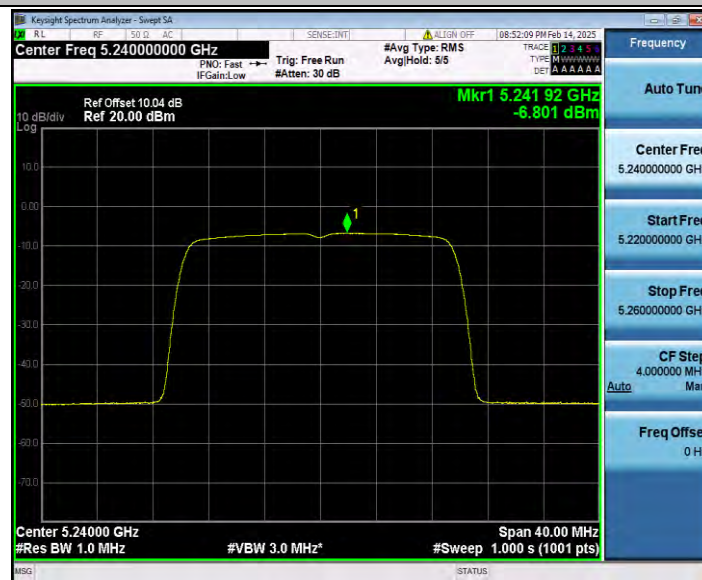
11AX20SISO_Ant2_5180



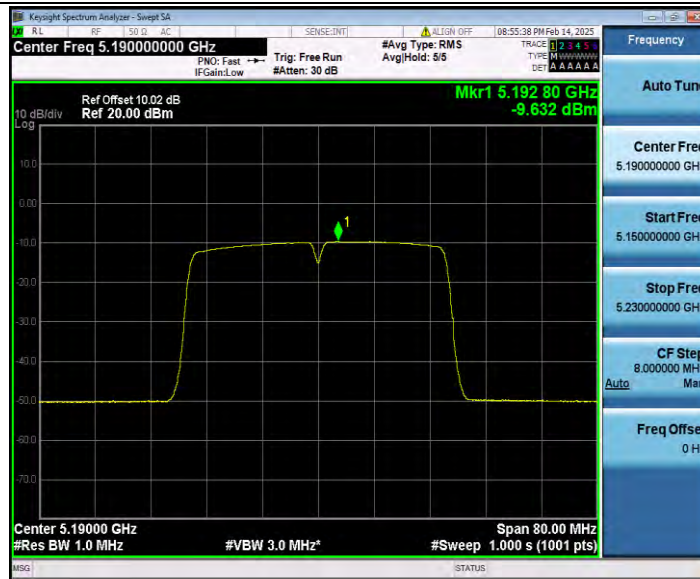
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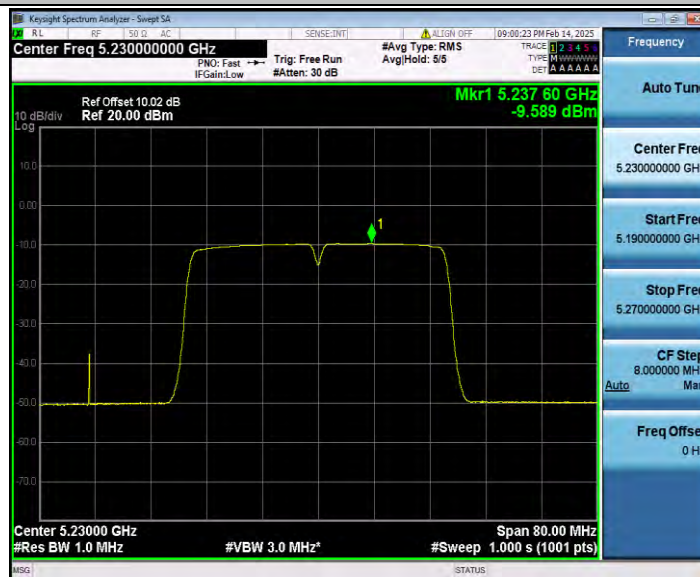
11AX20SISO_Ant2_5240



11AX40SISO_Ant2_5190



11AX40ISO_Ant2_5230



11AX80ISO_Ant2_5210

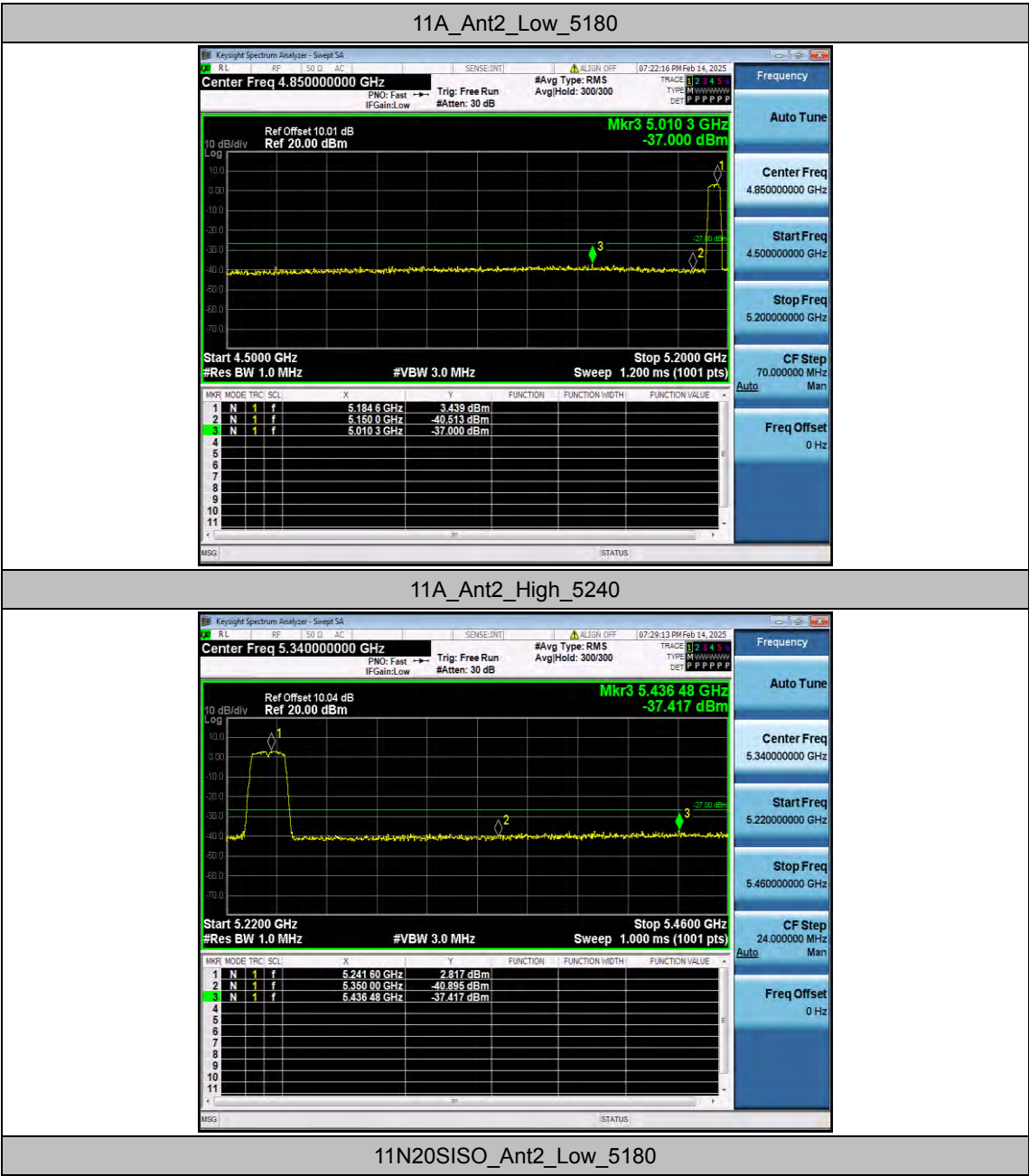


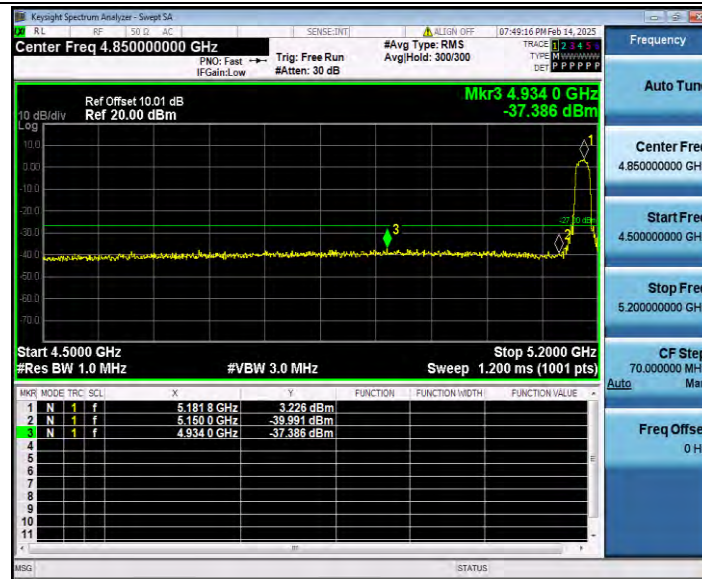
Appendix D.6: Band edge measurements

Test Result B1

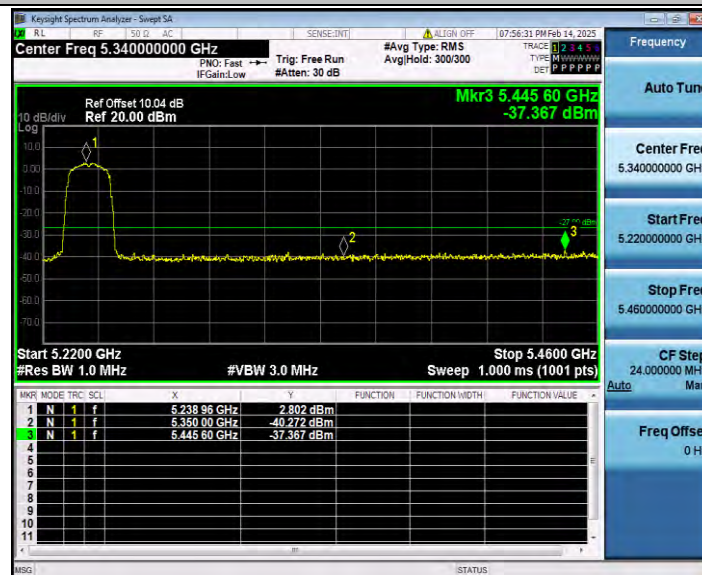
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-37	≤ -27	PASS
		High	5240	-37.42	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-37.39	≤ -27	PASS
		High	5240	-37.37	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-37.27	≤ -27	PASS
		High	5230	-37.47	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-36.82	≤ -27	PASS
		High	5240	-37.77	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-36.48	≤ -27	PASS
		High	5230	-37.3	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-37.14	≤ -27	PASS
		High	5210	-37.82	≤ -27	PASS
11AX20SISO	Ant2	Low	5180	-36.92	≤ -27	PASS
		High	5240	-37.58	≤ -27	PASS
11AX40SISO	Ant2	Low	5190	-36.73	≤ -27	PASS
		High	5230	-37.27	≤ -27	PASS
11AX80SISO	Ant2	Low	5210	-37.54	≤ -27	PASS
		High	5210	-37.45	≤ -27	PASS

Test Graphs B1

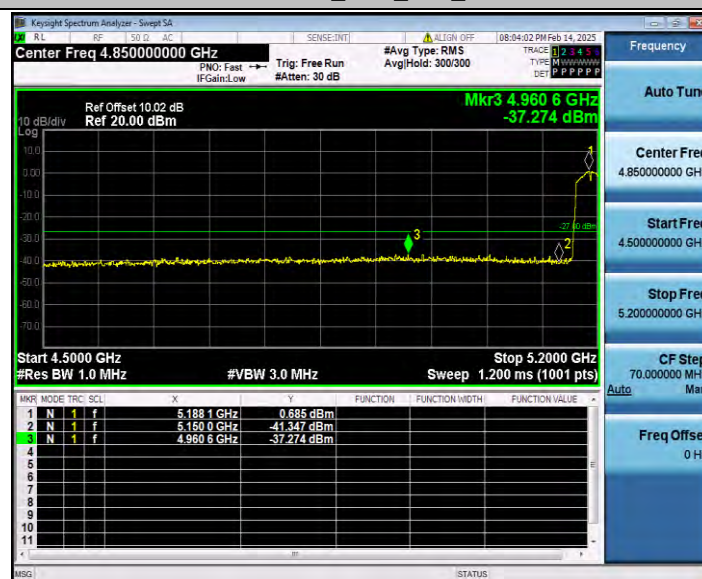




11N20SISO_Ant2_High_5240



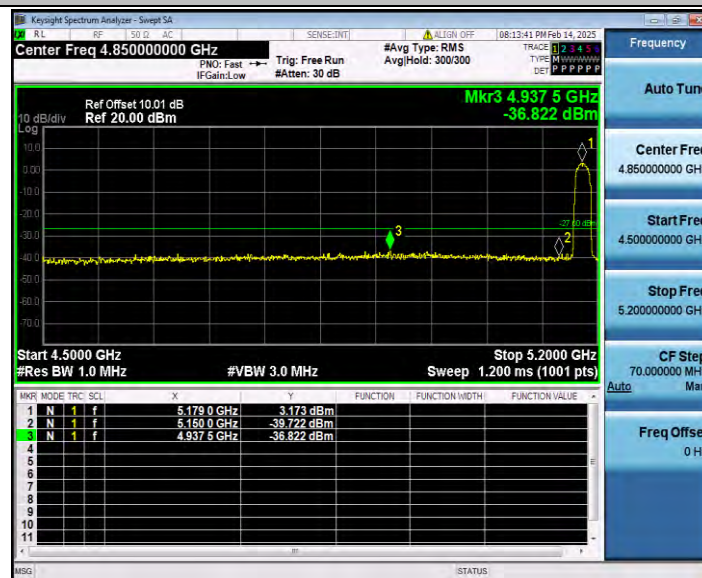
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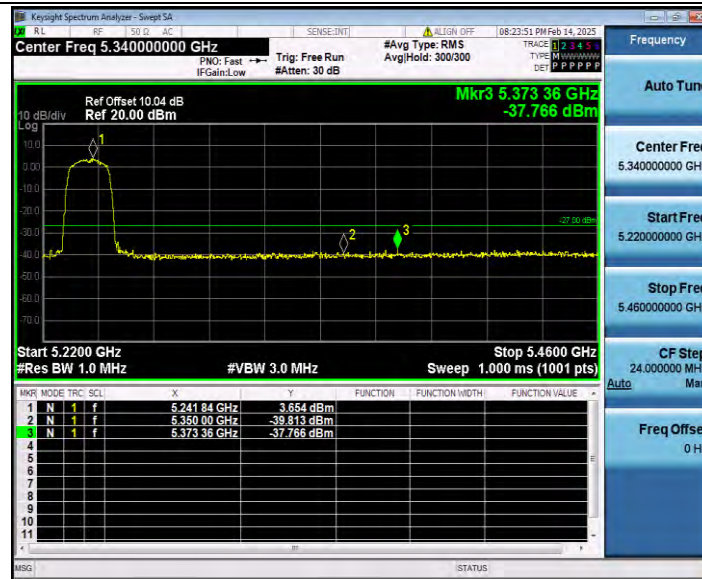
11N40SISO_Ant2_High_5230



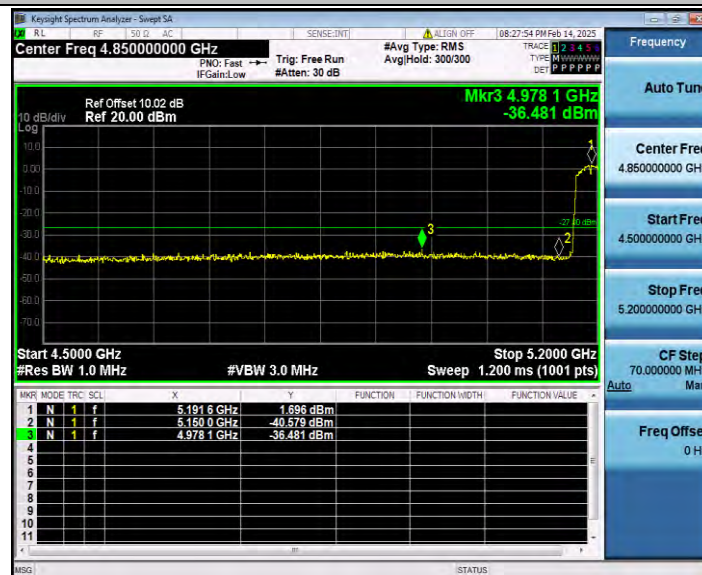
11AC20SISO_Ant2_Low_5180



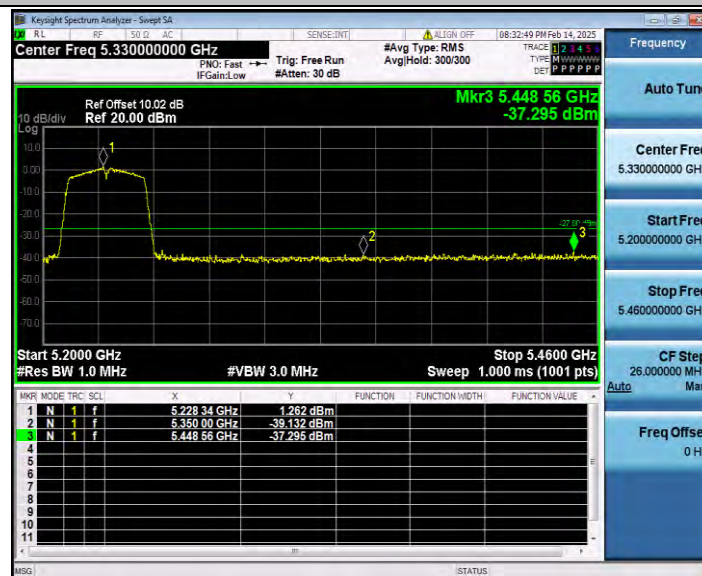
11AC20SISO_Ant2_High_5240



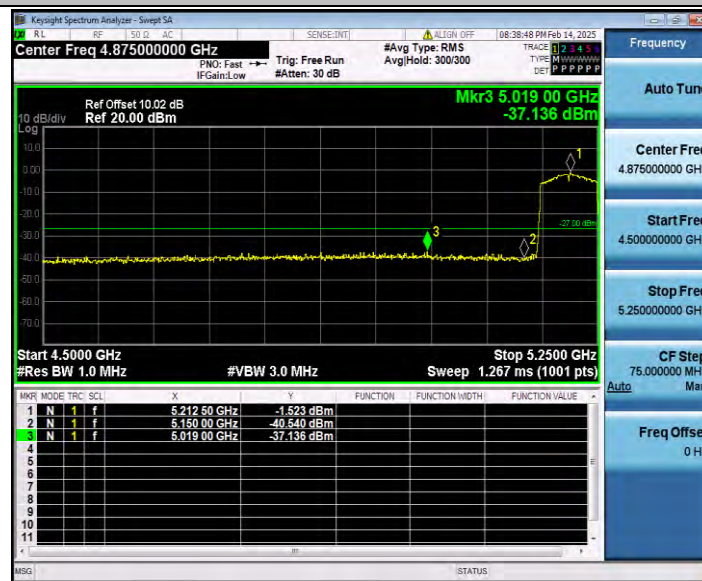
11AC40SISO_Ant2_Low_5190



11AC40SISO_Ant2_High_5230



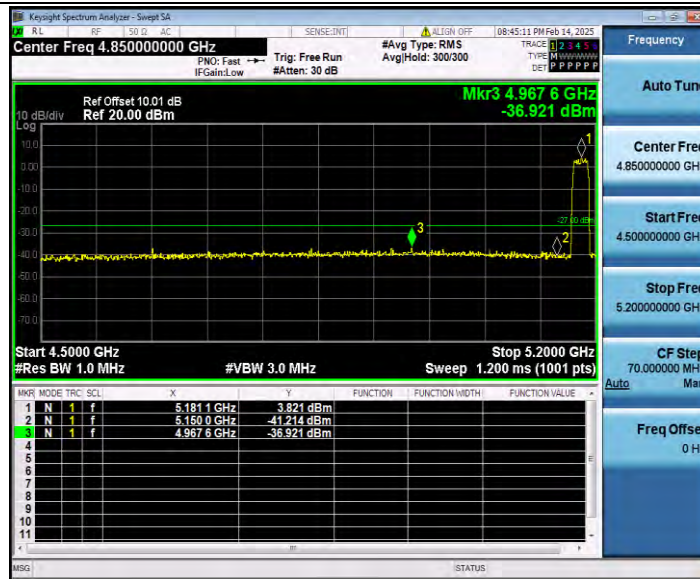
11AC80SISO_Ant2_Low_5210



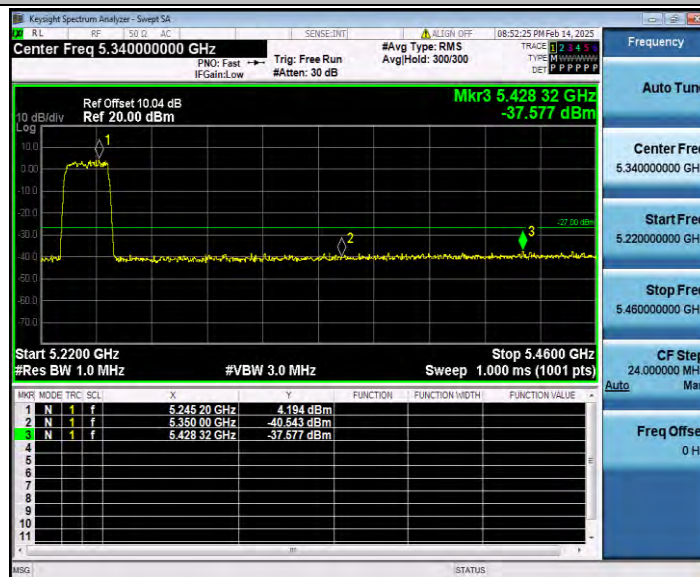
11AC80SISO_Ant2_High_5210



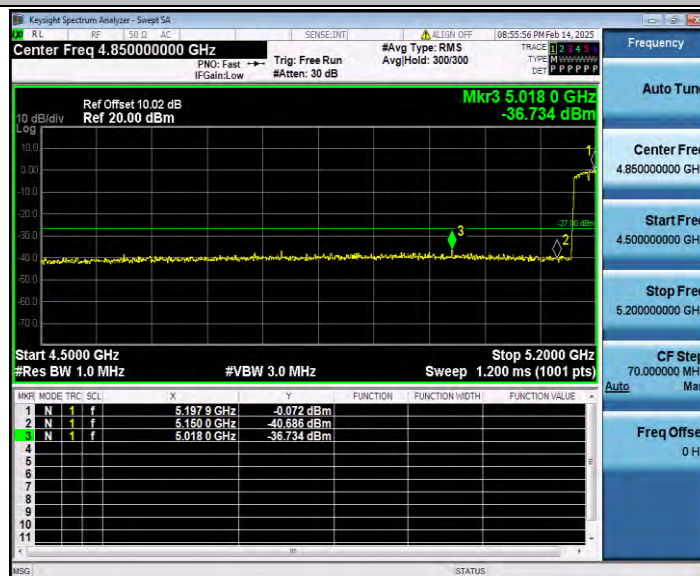
11AX20SISO_Ant2_Low_5180

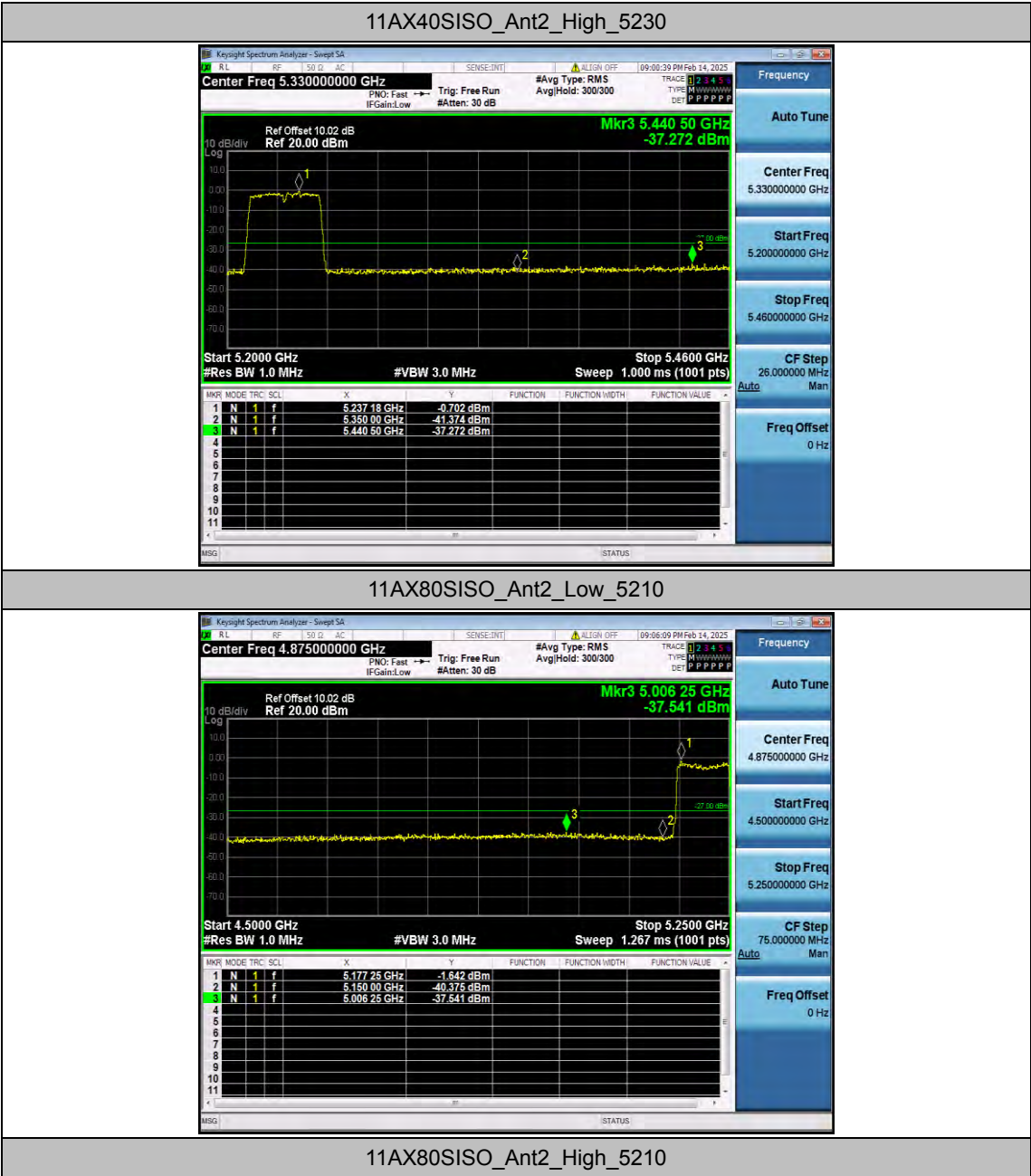


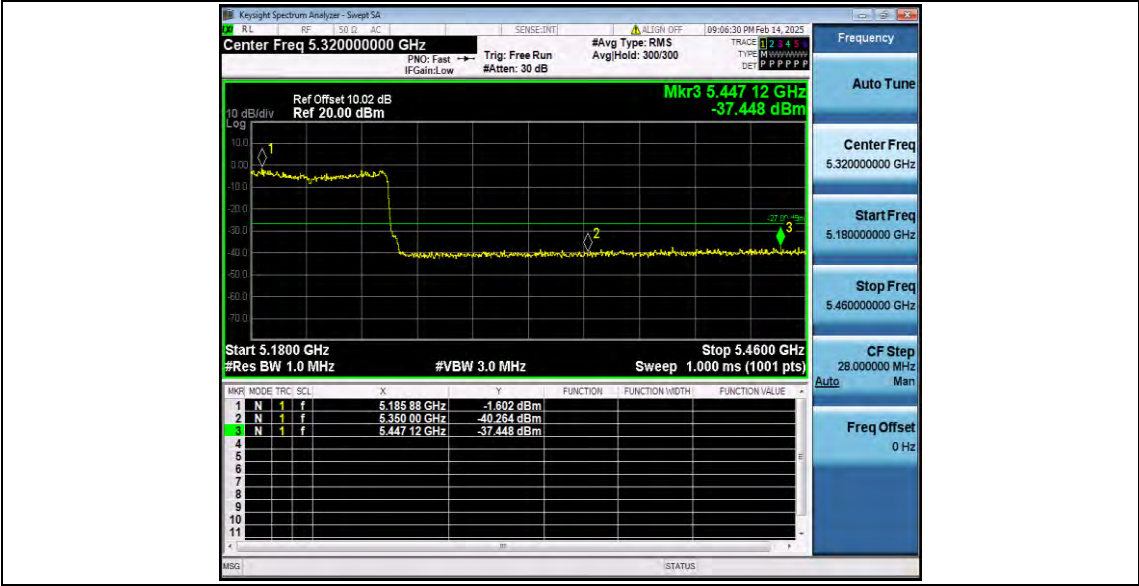
11AX20SISO_Ant2_High_5240



11AX40SISO_Ant2_Low_5190







Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	825.12	-41.44	≤-27	PASS
			5360~27000	24245.95	-36.83	≤-27	PASS
		5200	30~5140	1750.54	-39.79	≤-27	PASS
			5360~27000	24257.49	-36.85	≤-27	PASS
		5240	30~5140	5029.28	-46.22	≤-27	PASS
			5360~27000	26110.6	-36.97	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	4781.79	-47.53	≤-27	PASS
			5360~27000	24220.7	-37.07	≤-27	PASS
		5200	30~5140	4917.2	-46.55	≤-27	PASS
			5360~27000	24181.03	-36.89	≤-27	PASS
		5240	30~5140	5117.35	-46.32	≤-27	PASS
			5360~27000	23603.96	-37.07	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	1738.27	-44.57	≤-27	PASS
			5360~27000	24302.21	-36.92	≤-27	PASS
		5230	30~5140	4934.75	-46.52	≤-27	PASS
			5360~27000	24235.13	-37.39	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	2931.29	-45.86	≤-27	PASS
			5360~27000	24227.92	-36.8	≤-27	PASS
		5200	30~5140	5122.97	-45.74	≤-27	PASS
			5360~27000	24245.23	-37.36	≤-27	PASS
		5240	30~5140	3592.69	-46.32	≤-27	PASS
			5360~27000	24243.79	-36.87	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	2699.12	-46.4	≤-27	PASS
			5360~27000	24304.38	-37.04	≤-27	PASS
		5230	30~5140	2583.3	-45.7	≤-27	PASS
			5360~27000	25796.09	-37.73	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	2325.07	-40.49	≤-27	PASS
			5360~27000	26893.24	-37.2	≤-27	PASS
11AX20SISO	Ant2	5180	30~5140	4901.36	-46.06	≤-27	PASS
			5360~27000	24229.36	-37.72	≤-27	PASS
		5200	30~5140	4953.66	-45.93	≤-27	PASS
			5360~27000	24285.62	-36.79	≤-27	PASS
		5240	30~5140	3291.2	-46.56	≤-27	PASS
			5360~27000	26034.86	-37.07	≤-27	PASS
11AX40SISO	Ant2	5190	30~5140	2593.18	-43.26	≤-27	PASS
			5360~27000	26691.27	-37.74	≤-27	PASS

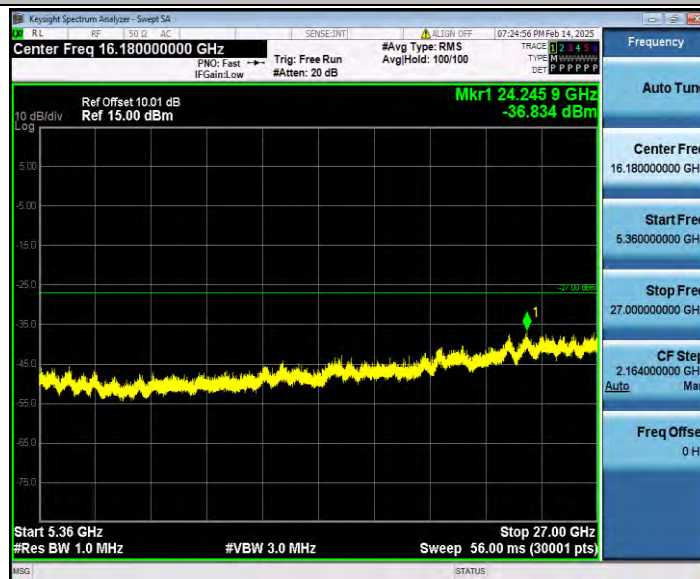
		5230	30~5140	2522.15	-43.98	≤ -27	PASS
			5360~27000	24222.87	-37.41	≤ -27	PASS
11AX80SISO	Ant2	5210	30~5140	3490.15	-39.67	≤ -27	PASS
			5360~27000	24794.88	-36.88	≤ -27	PASS

Test Graphs

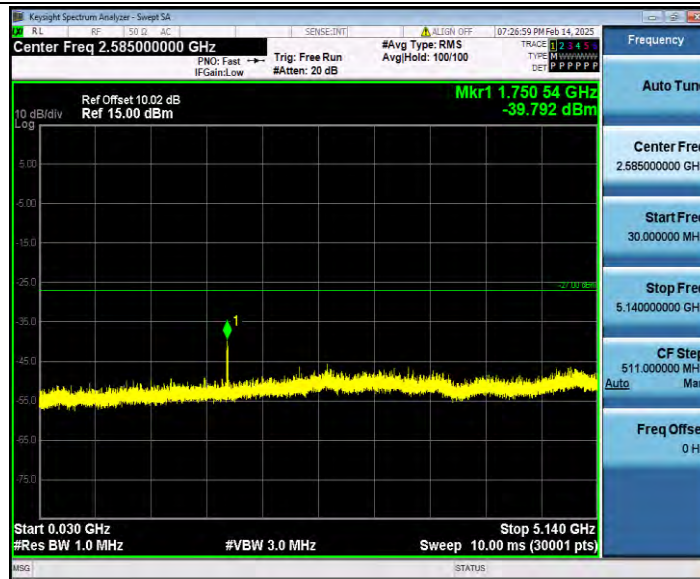
11A_Ant2_5180_30~5140



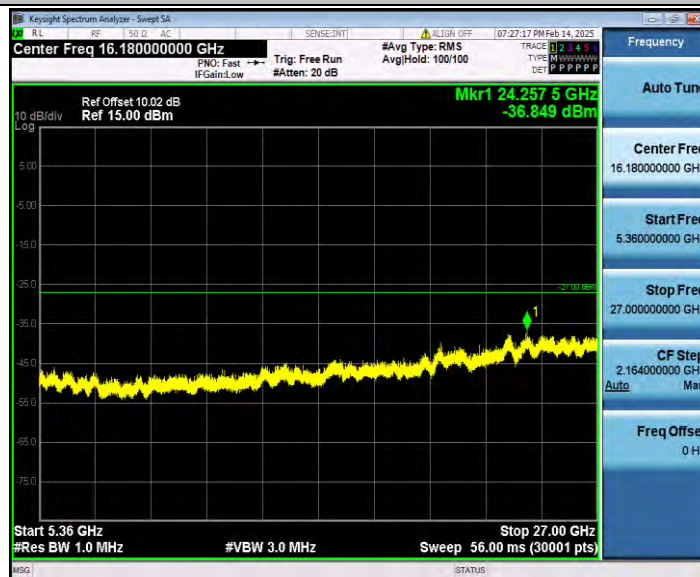
11A_Ant2_5180_5360~27000



11A_Ant2_5200_30~5140



11A_Ant2_5200_5360~27000



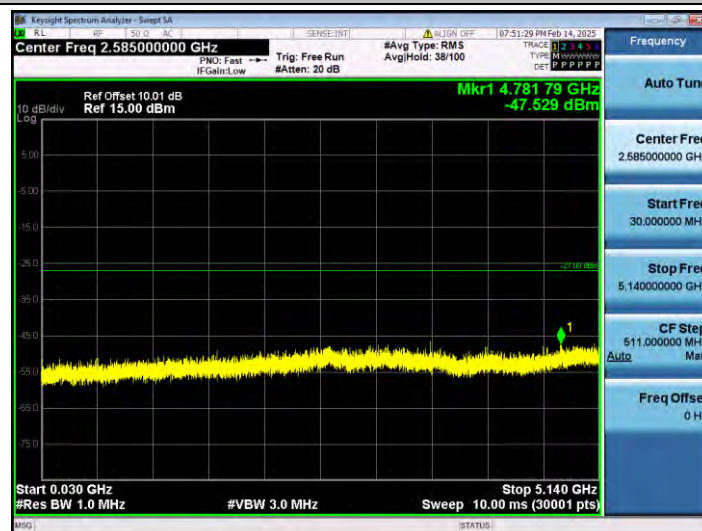
11A_Ant2_5240_30~5140



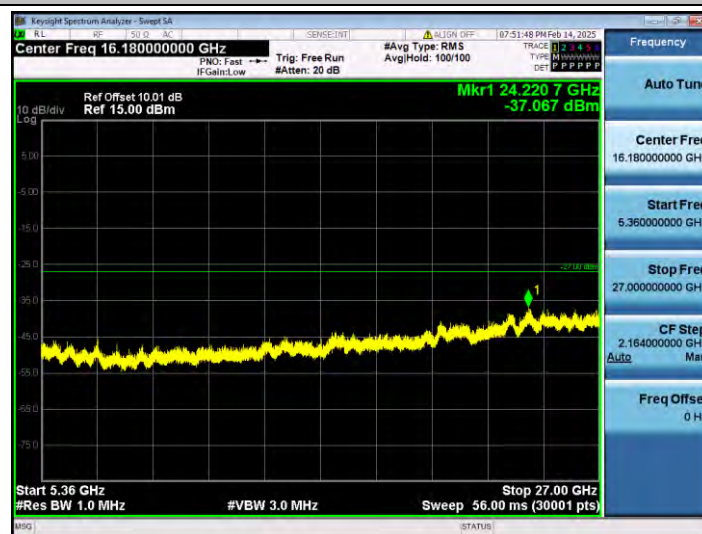
11A_Ant2_5240_5360~27000



11N20SISO_Ant2_5180_30~5140



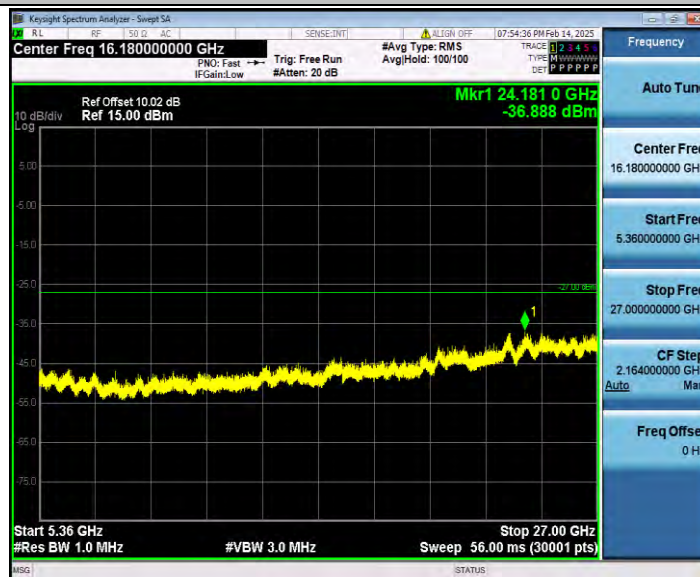
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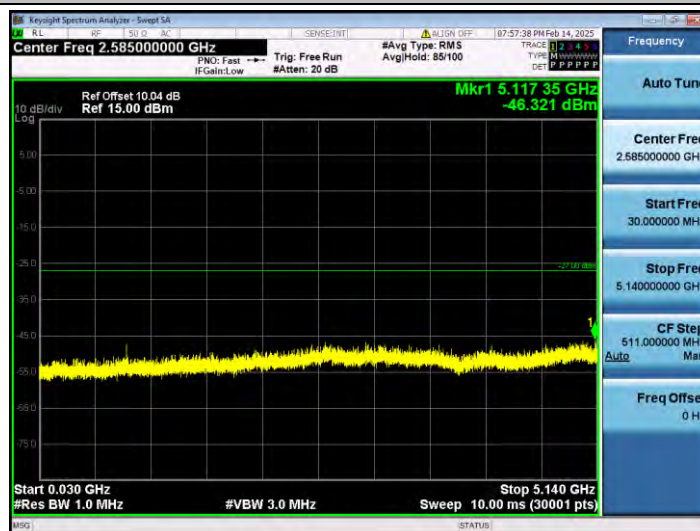
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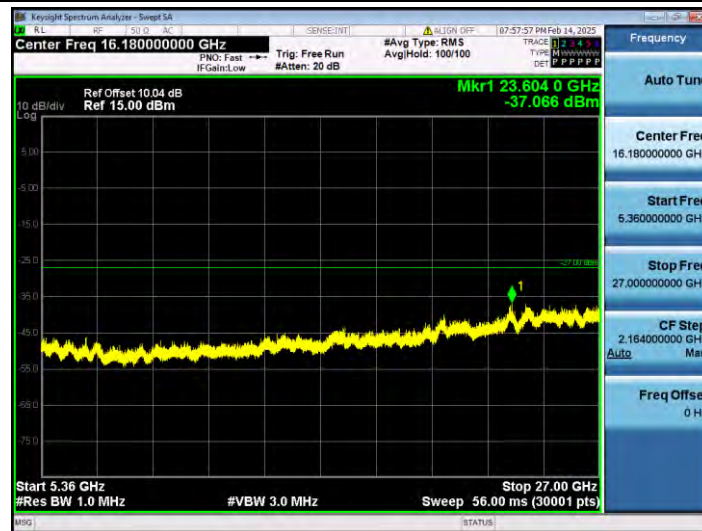
11N20SISO_Ant2_5200_5360~27000



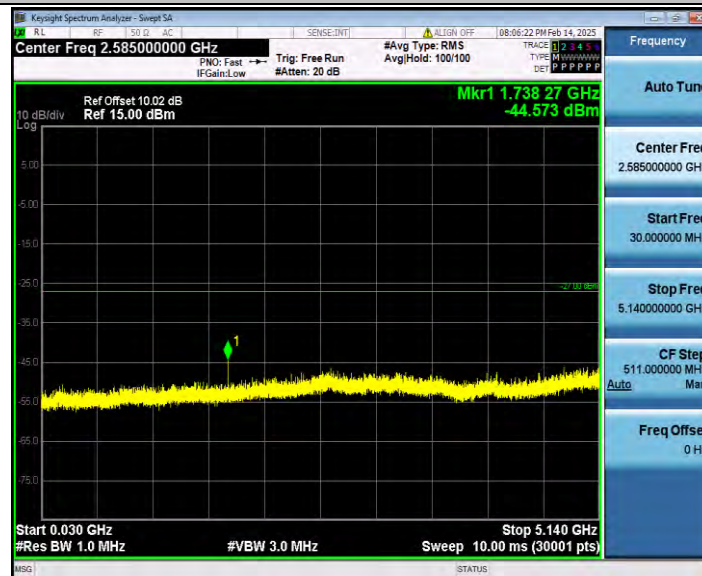
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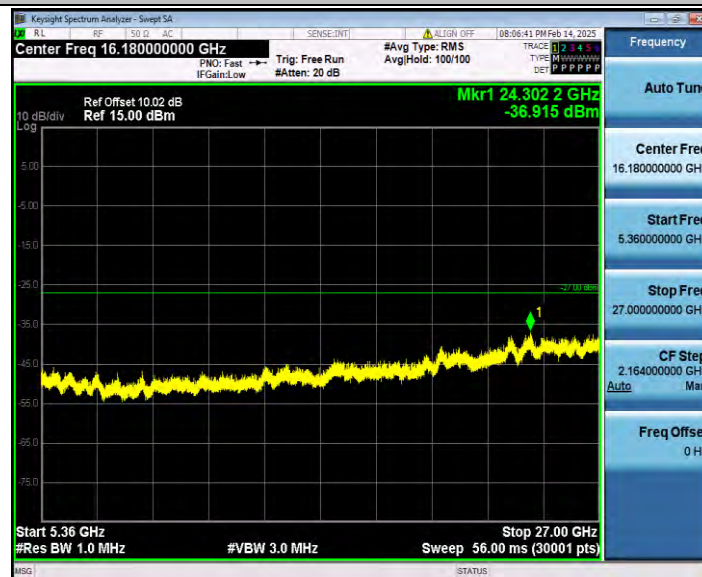
11N20SISO_Ant2_5240_5360~27000



11N40SISO_Ant2_5190_30~5140



11N40SISO_Ant2_5190_5360~27000



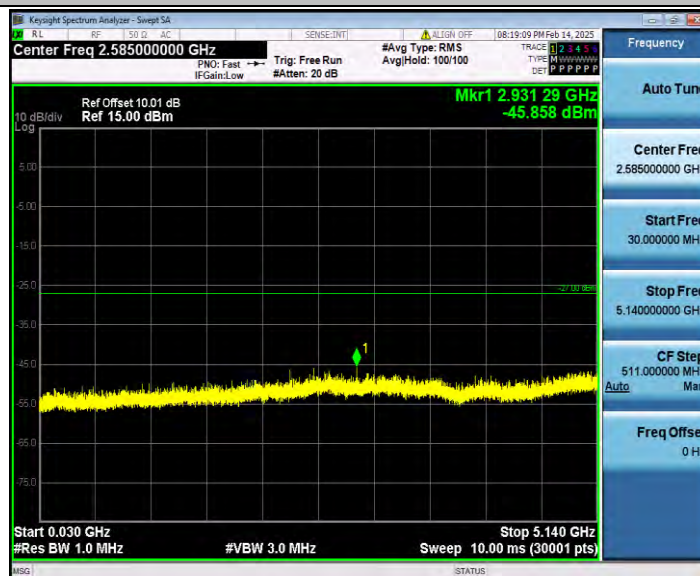
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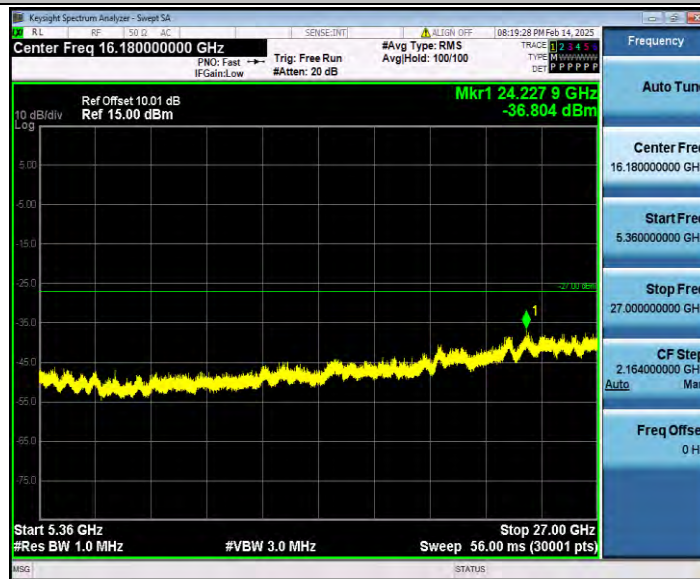
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11AC20SISO_Ant2_5180_30~5140



11AC20SISO_Ant2_5180_5360~27000



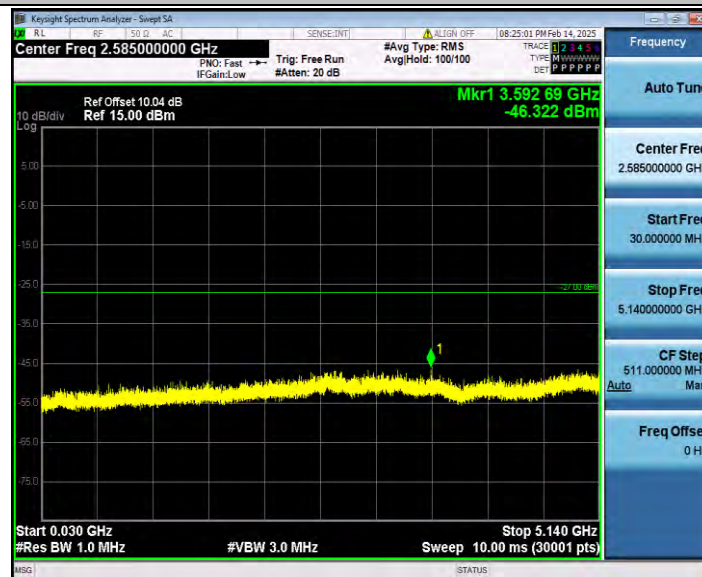
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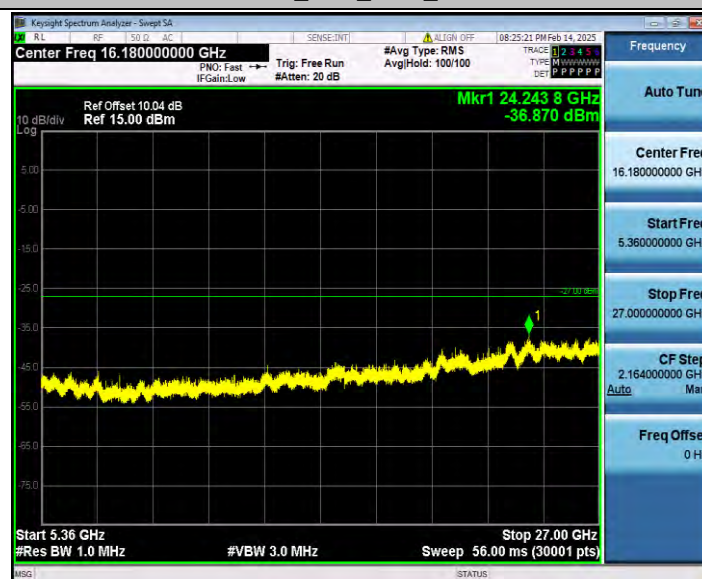
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11AC20SISO_Ant2_5240_30~5140



11AC20SISO_Ant2_5240_5360~27000



11AC40SISO_Ant2_5190_30~5140



11AC40SISO_Ant2_5190_5360~27000



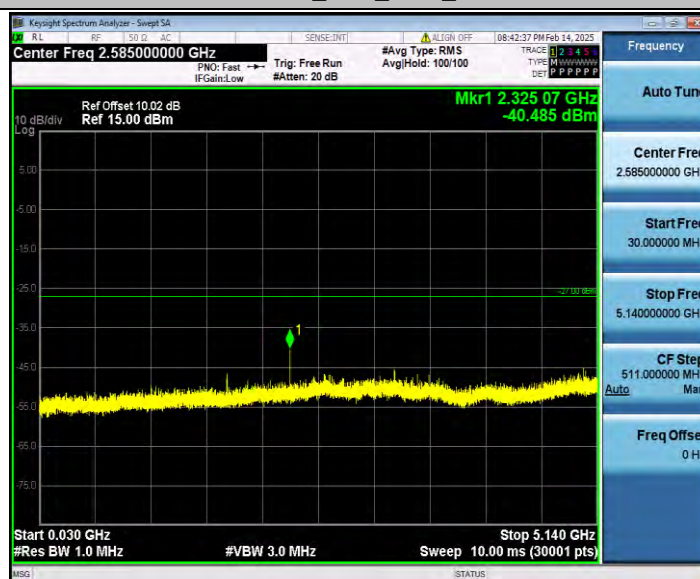
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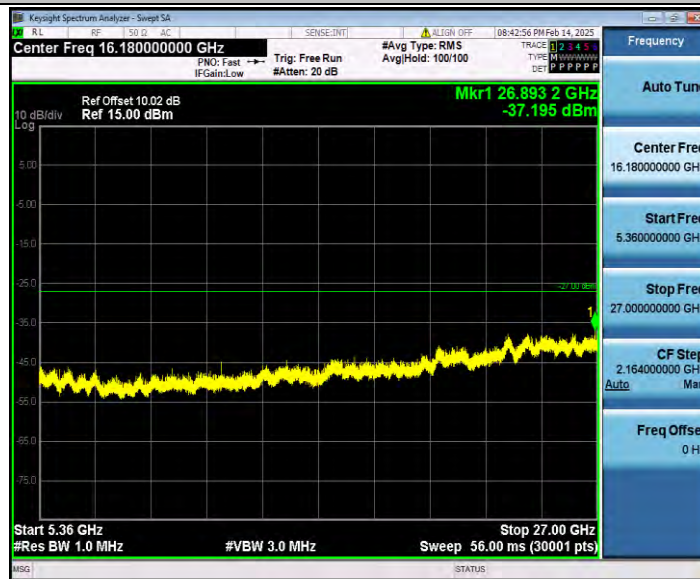
11AC40SISO_Ant2_5230_5360~27000



11AC80SISO_Ant2_5210_30~5140



11AC80SISO_Ant2_5210_5360~27000



11AX20SISO_Ant2_5180_30~5140



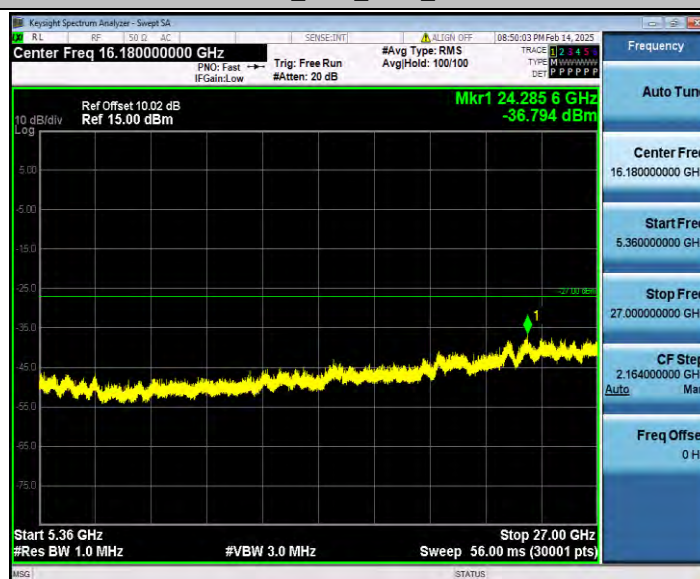
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11AX20SISO_Ant2_5200_30~5140



11AX20SISO_Ant2_5200_5360~27000



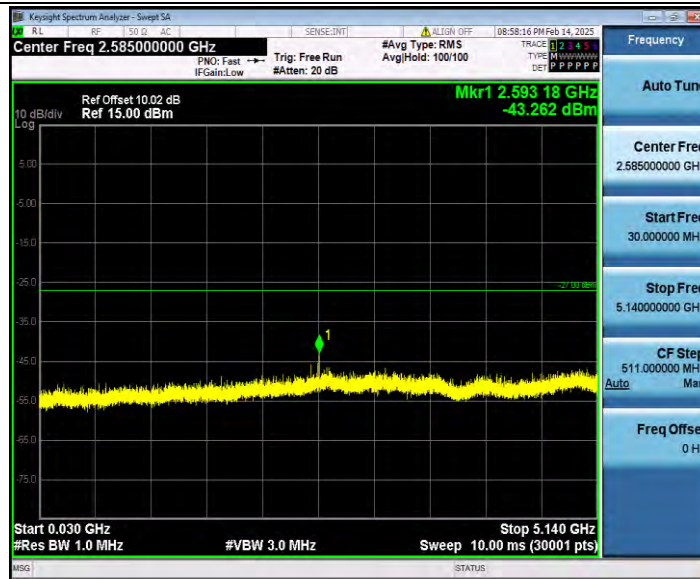
11AX20SISO_Ant2_5240_30~5140



11AX20SISO_Ant2_5240_5360~27000



11AX40SISO_Ant2_5190_30~5140



11AX40SISO_Ant2_5190_5360~27000



11AX40SISO_Ant2_5230_30~5140

