

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	5.57	97.66	0.10	5.67	≤23.98	PASS
		5200	5.63	98.12	0.08	5.71	≤23.98	PASS
		5240	5.62	98.12	0.08	5.70	≤23.98	PASS
11N20SISO	Ant1	5180	5.36	99.00	0.04	5.40	≤23.98	PASS
		5200	5.62	98.76	0.05	5.67	≤23.98	PASS
		5240	5.52	99.00	0.04	5.56	≤23.98	PASS
11N40SISO	Ant1	5190	5.54	98.76	0.05	5.59	≤23.98	PASS
		5230	5.44	99.00	0.04	5.48	≤23.98	PASS
11AC20SISO	Ant1	5180	5.09	98.75	0.05	5.14	≤23.98	PASS
		5200	5.27	98.75	0.05	5.32	≤23.98	PASS
		5240	5.25	98.75	0.05	5.30	≤23.98	PASS
11AC40SISO	Ant1	5190	5.14	98.75	0.05	5.19	≤23.98	PASS
		5230	5.25	98.75	0.05	5.30	≤23.98	PASS
11AC80SISO	Ant1	5210	5.20	98.76	0.05	5.25	≤23.98	PASS
11AX20SISO	Ant1	5180	4.87	99.00	0.04	4.91	≤23.98	PASS
		5200	5.02	98.75	0.05	5.07	≤23.98	PASS
		5240	5.08	98.75	0.05	5.13	≤23.98	PASS
11AX40SISO	Ant1	5190	4.91	98.75	0.05	4.96	≤23.98	PASS
		5230	4.94	99.00	0.04	4.98	≤23.98	PASS
11AX80SISO	Ant1	5210	4.78	99.00	0.04	4.82	≤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	-5.37	≤11.00	PASS
		5200	-5.28	≤11.00	PASS
		5240	-5.19	≤11.00	PASS
11N20SISO	Ant1	5180	-5.85	≤11.00	PASS
		5200	-5.59	≤11.00	PASS
		5240	-5.59	≤11.00	PASS
11N40SISO	Ant1	5190	-8.79	≤11.00	PASS
		5230	-8.80	≤11.00	PASS
11AC20SISO	Ant1	5180	-5.92	≤11.00	PASS
		5200	-5.83	≤11.00	PASS
		5240	-5.80	≤11.00	PASS
11AC40SISO	Ant1	5190	-9.18	≤11.00	PASS
		5230	-8.93	≤11.00	PASS
11AC80SISO	Ant1	5210	-11.90	≤11.00	PASS
11AX20SISO	Ant1	5180	-6.59	≤11.00	PASS
		5200	-6.37	≤11.00	PASS
		5240	-6.24	≤11.00	PASS
11AX40SISO	Ant1	5190	-9.60	≤11.00	PASS
		5230	-9.50	≤11.00	PASS
11AX80SISO	Ant1	5210	-12.36	≤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



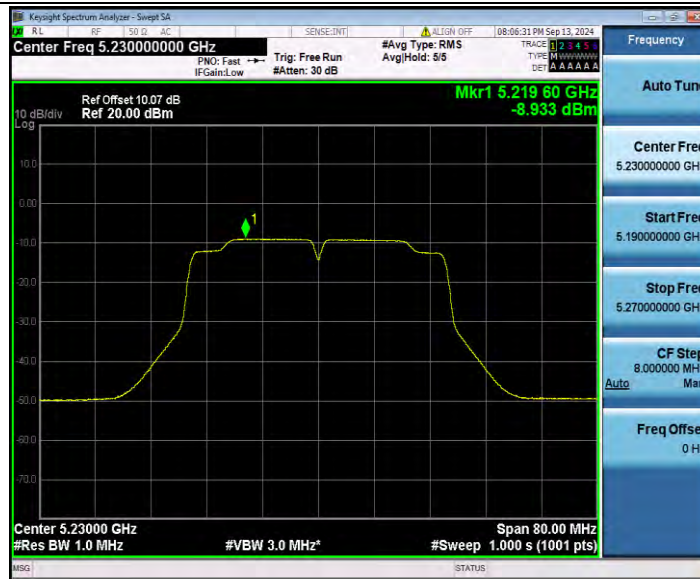
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



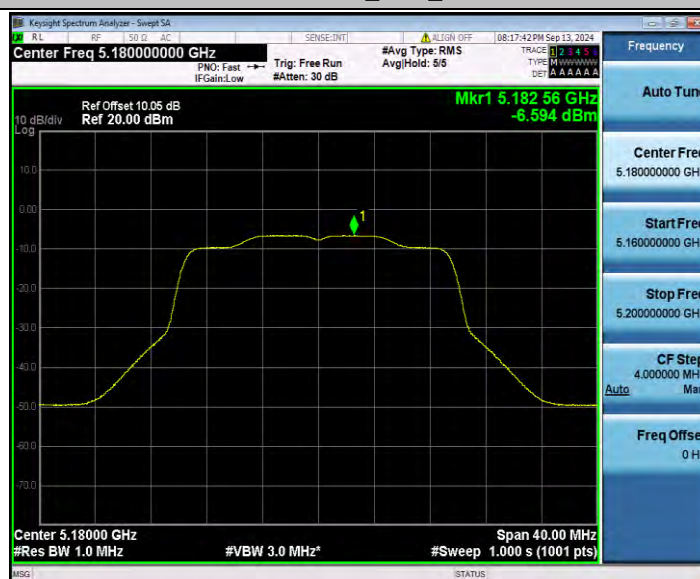
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



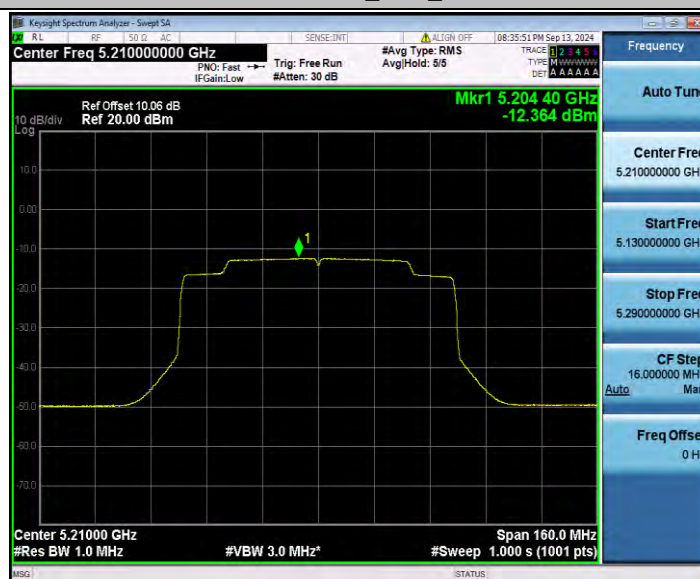
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



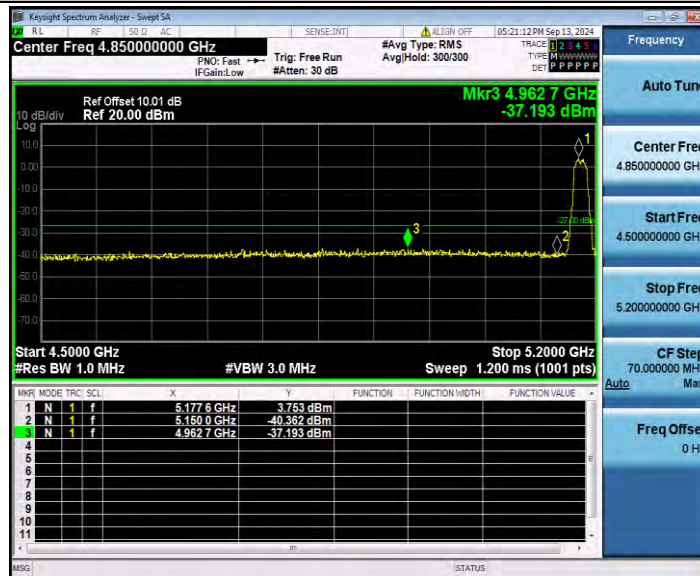
Appendix D.6: Band edge measurements

Test Result B1

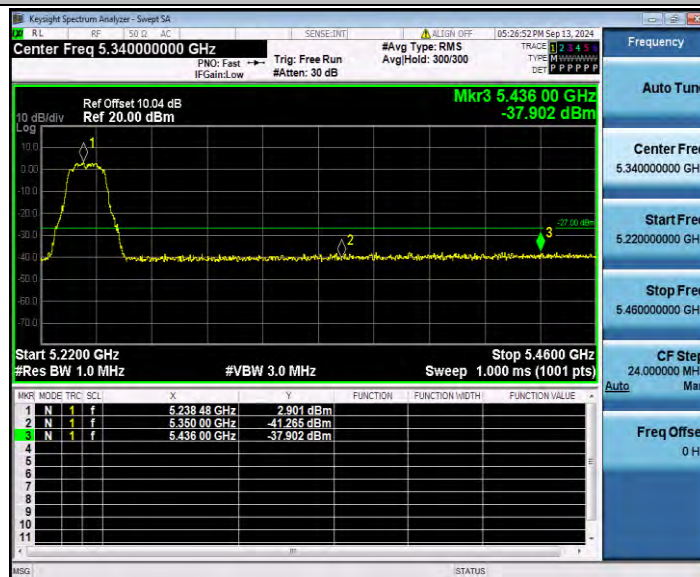
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.19	≤ -27	PASS
		High	5240	-37.9	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-37.08	≤ -27	PASS
		High	5240	-37.7	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.8	≤ -27	PASS
		High	5230	-37.71	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.64	≤ -27	PASS
		High	5240	-36.89	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-37.05	≤ -27	PASS
		High	5230	-36.9	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-36.8	≤ -27	PASS
		High	5210	-37.83	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-37.17	≤ -27	PASS
		High	5240	-36.44	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-36.94	≤ -27	PASS
		High	5230	-37.09	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-36.18	≤ -27	PASS
		High	5210	-37.57	≤ -27	PASS

Test Graphs B1

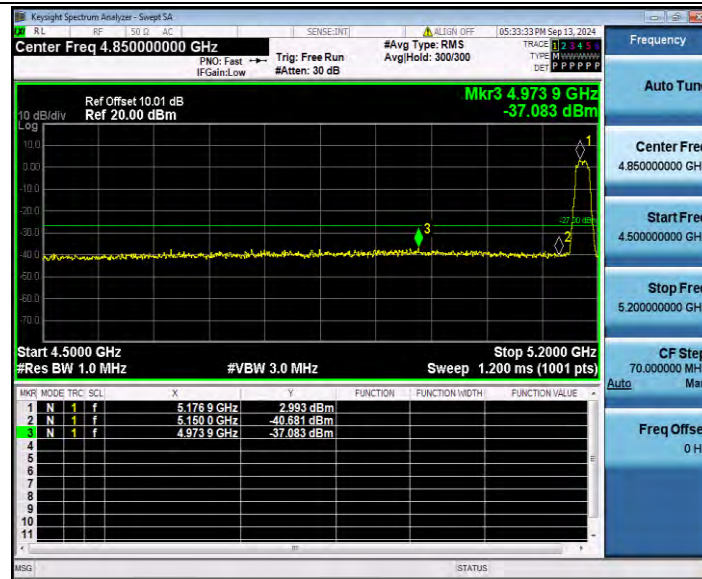
11A_Ant1_Low_5180



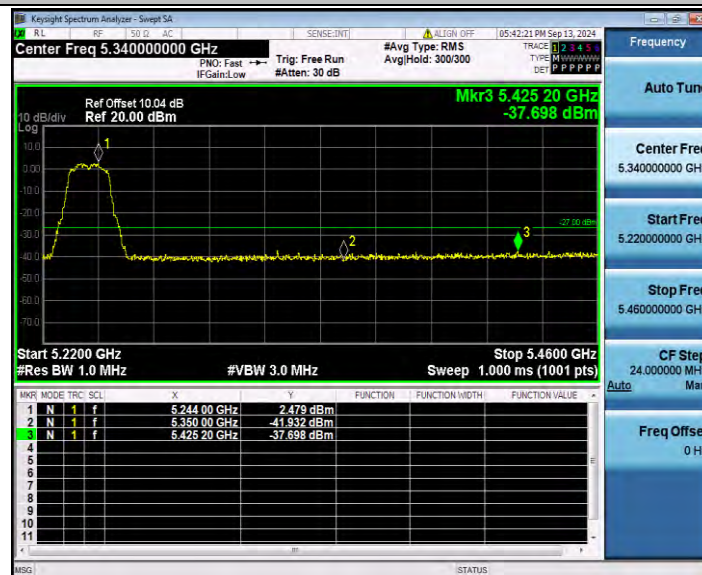
11A_Ant1_High_5240



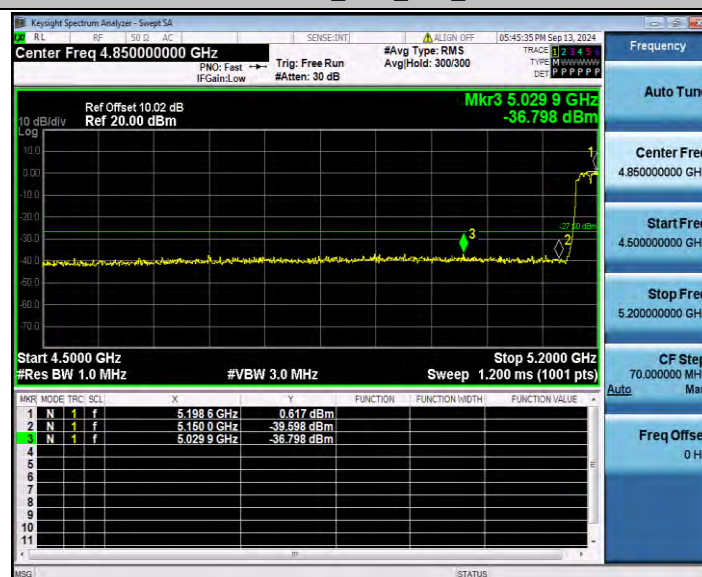
11N20SISO_Ant1_Low_5180

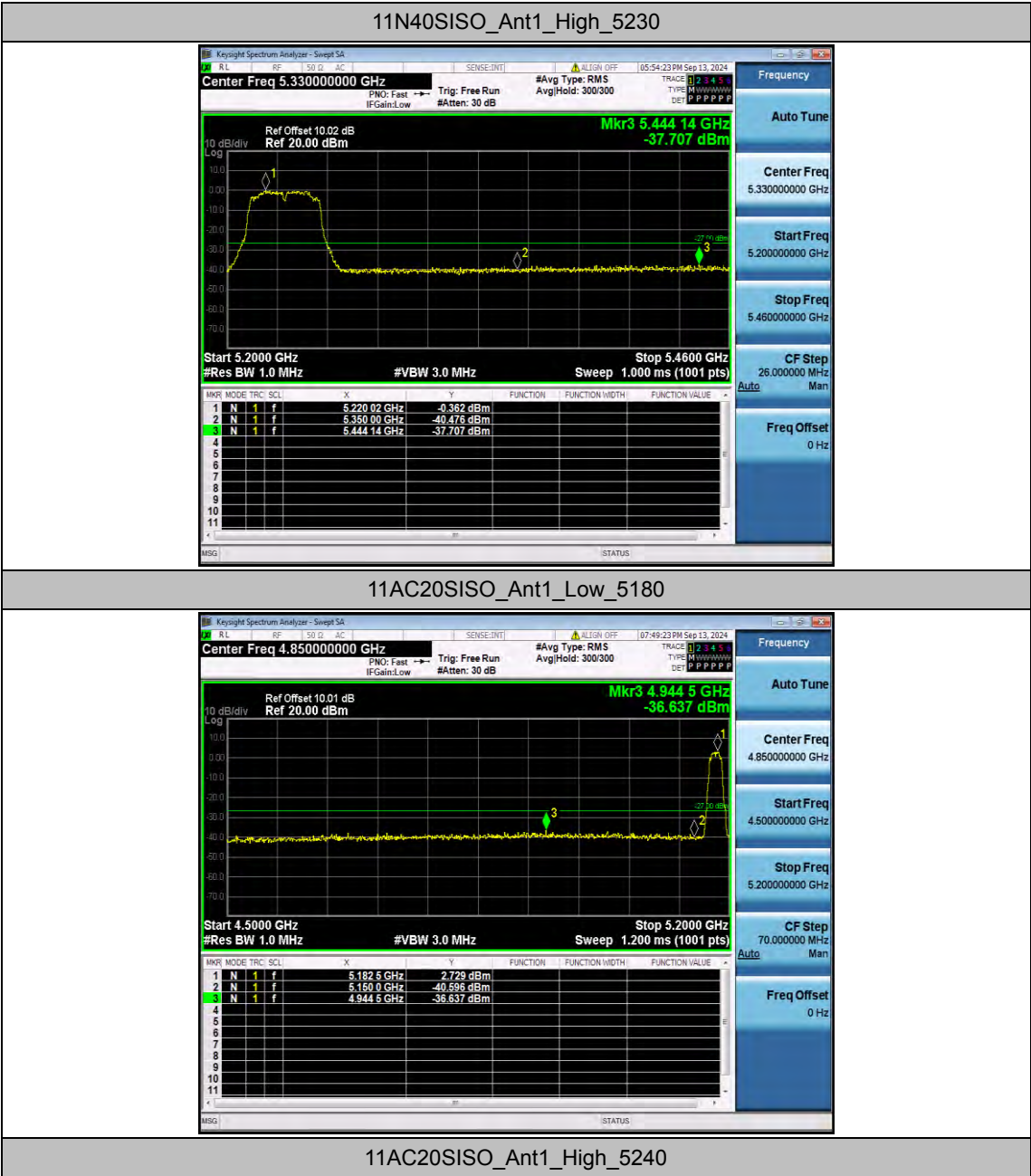


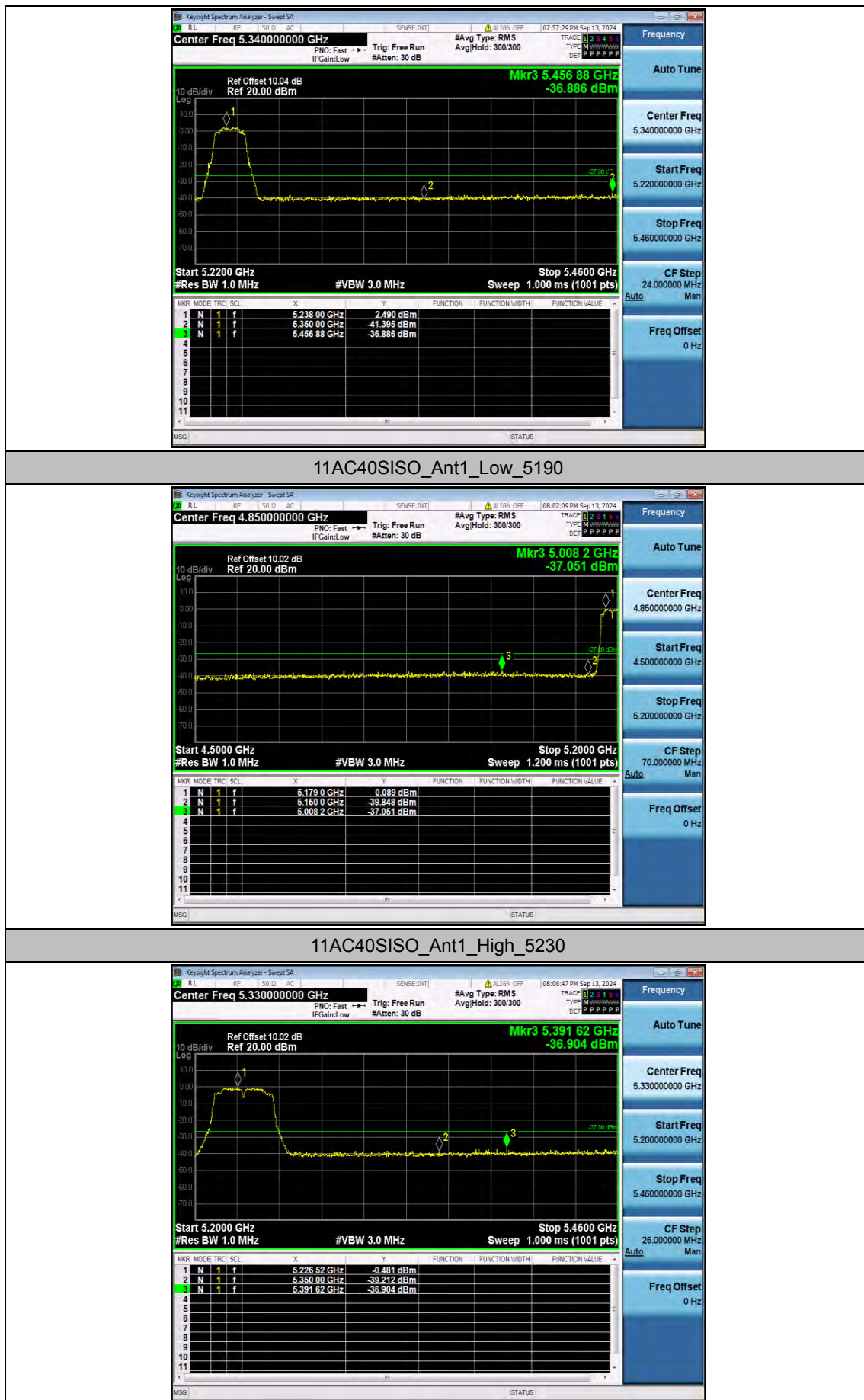
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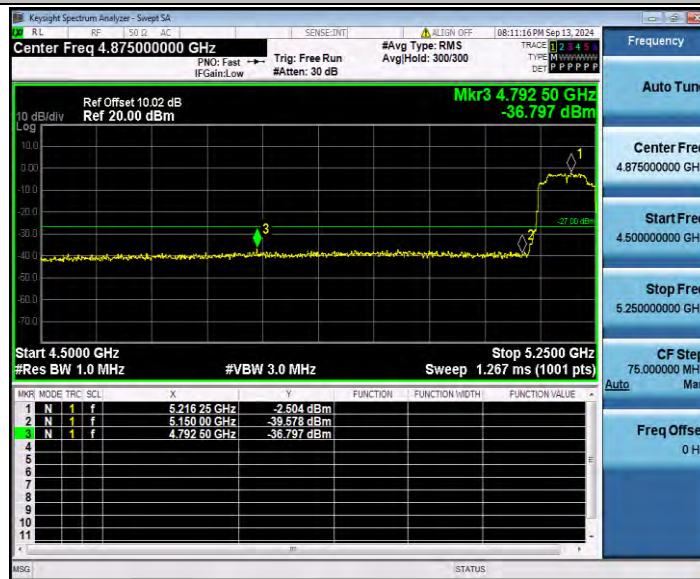
11N40SISO_Ant1_Low_5190



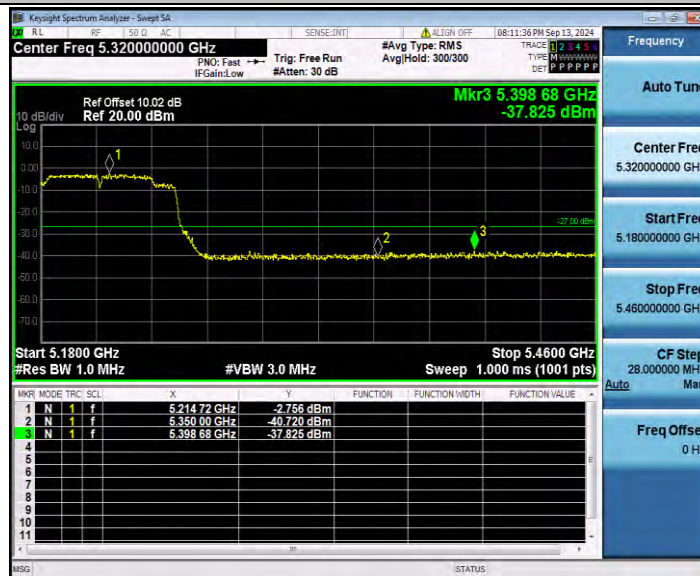




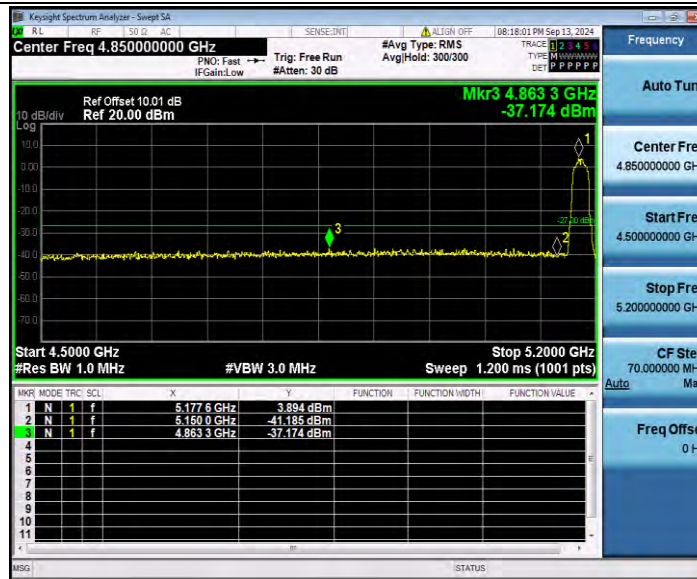
11AC80SISO_Ant1_Low_5210



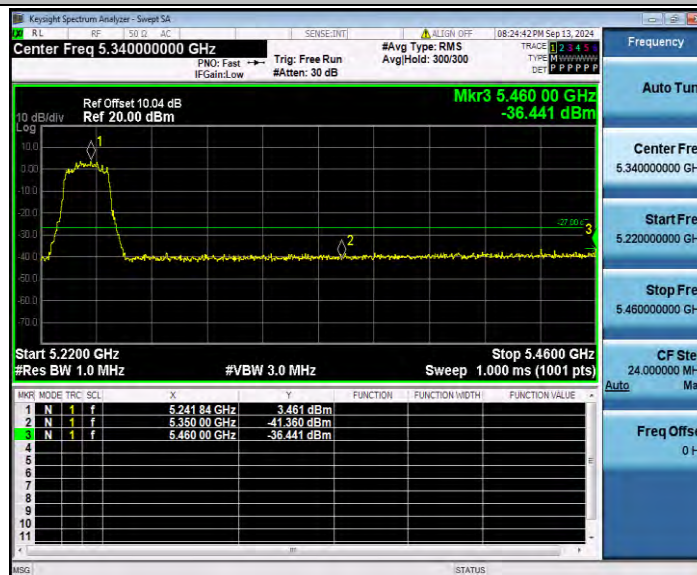
11AC80SISO_Ant1_High_5210



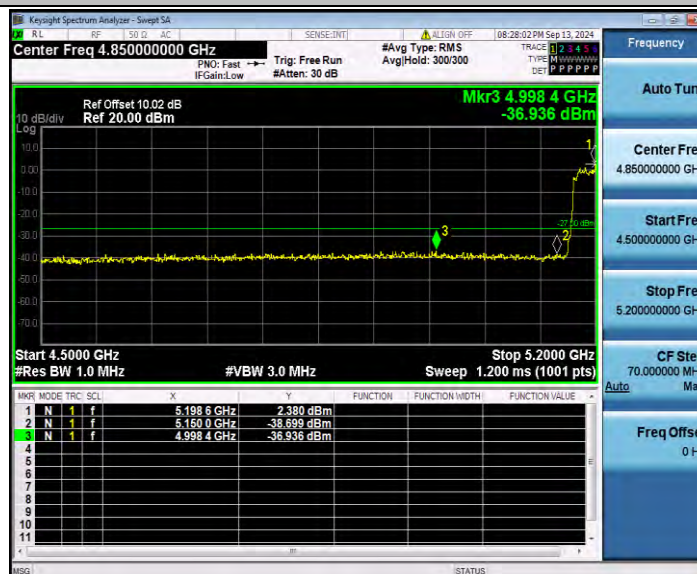
11AX20SISO_Ant1_Low_5180

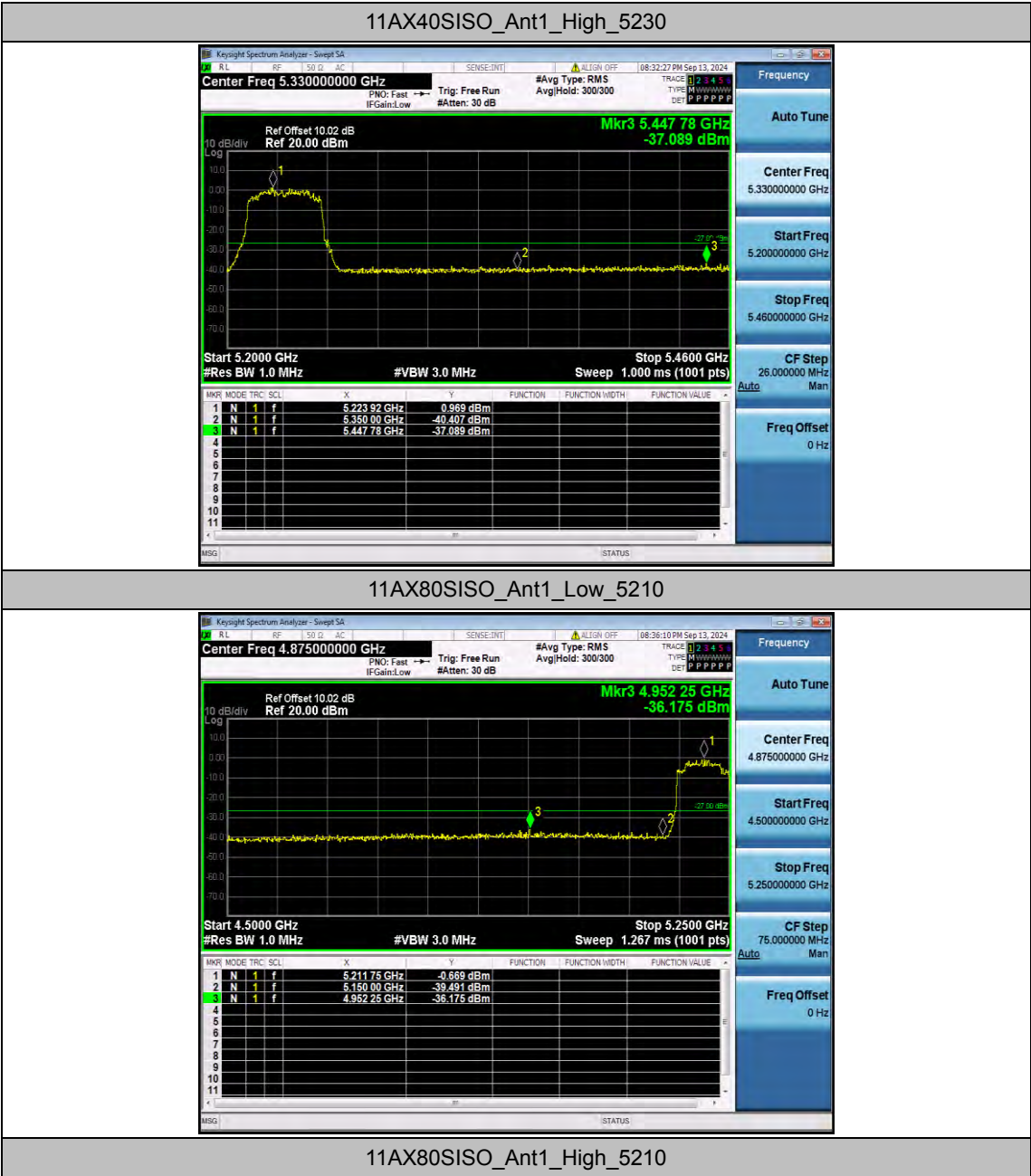


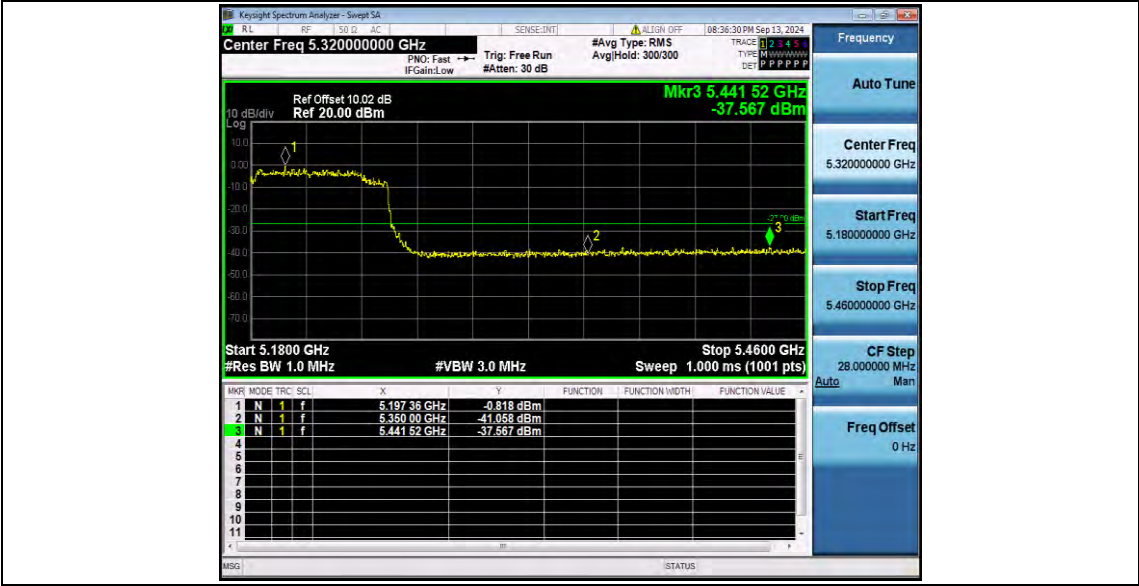
11AX20SISO_Ant1_High_5240



11AX40SISO_Ant1_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	Ant1	5180	30~5140	3053.93	-46.37	≤-27	PASS
			5360~27000	24261.82	-36.51	≤-27	PASS
		5200	30~5140	5136.08	-45.28	≤-27	PASS
			5360~27000	25560.22	-37.4	≤-27	PASS
		5240	30~5140	1736.23	-42.57	≤-27	PASS
			5360~27000	25203.16	-37.28	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5136.59	-45.34	≤-27	PASS
			5360~27000	25568.87	-36.31	≤-27	PASS
		5200	30~5140	2649.22	-46.32	≤-27	PASS
			5360~27000	24222.15	-36.56	≤-27	PASS
		5240	30~5140	2766.75	-46.46	≤-27	PASS
			5360~27000	24423.4	-36.9	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5130.8	-45.81	≤-27	PASS
			5360~27000	26878.82	-36.87	≤-27	PASS
		5230	30~5140	4976.82	-45.94	≤-27	PASS
			5360~27000	26633.56	-36.46	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5124.67	-45.72	≤-27	PASS
			5360~27000	25989.41	-37.39	≤-27	PASS
		5200	30~5140	1737.76	-45.7	≤-27	PASS
			5360~27000	24249.56	-37.15	≤-27	PASS
		5240	30~5140	4927.94	-46.31	≤-27	PASS
			5360~27000	26492.18	-37.38	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5125.35	-45.47	≤-27	PASS
			5360~27000	26086.07	-36.97	≤-27	PASS
		5230	30~5140	1744.58	-43.32	≤-27	PASS
			5360~27000	23493.6	-37.21	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	1753.94	-42.2	≤-27	PASS
			5360~27000	26694.15	-37.16	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	5139.15	-46.58	≤-27	PASS
			5360~27000	24212.77	-37.01	≤-27	PASS
		5200	30~5140	3306.36	-46.5	≤-27	PASS
			5360~27000	26504.44	-37	≤-27	PASS
		5240	30~5140	4856.91	-46.44	≤-27	PASS
			5360~27000	24217.82	-36.71	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	3363.42	-46.2	≤-27	PASS
			5360~27000	25601.33	-37.18	≤-27	PASS

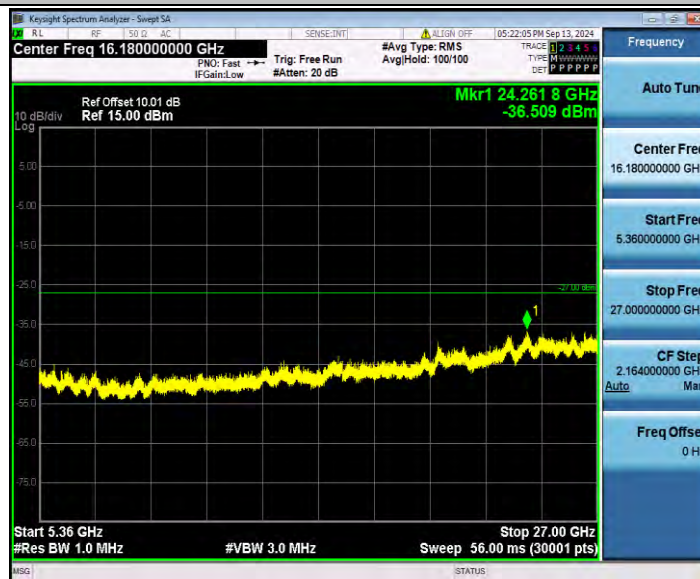
		5230	30~5140	1737.25	-45.47	≤ -27	PASS
			5360~27000	23580.88	-37.38	≤ -27	PASS
11AX80SISO	Ant1	5210	30~5140	1743.04	-43.86	≤ -27	PASS
			5360~27000	24217.1	-37.36	≤ -27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



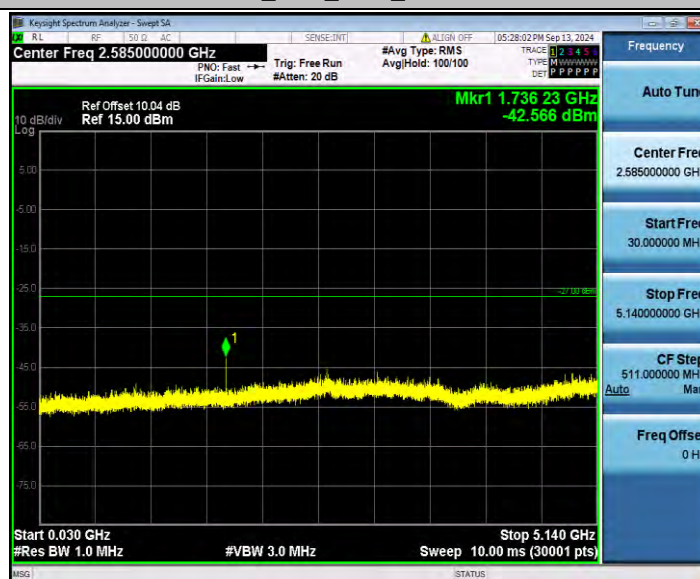
11A_Ant1_5200_30~5140

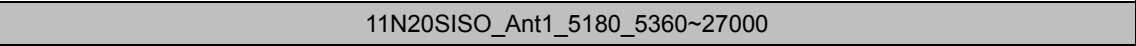
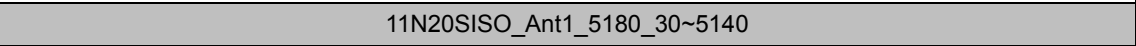


11A_Ant1_5200_5360~27000



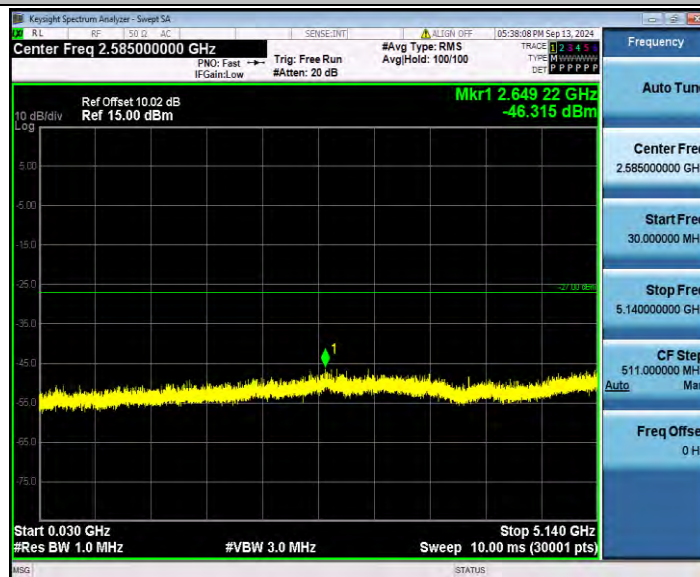
11A_Ant1_5240_30~5140



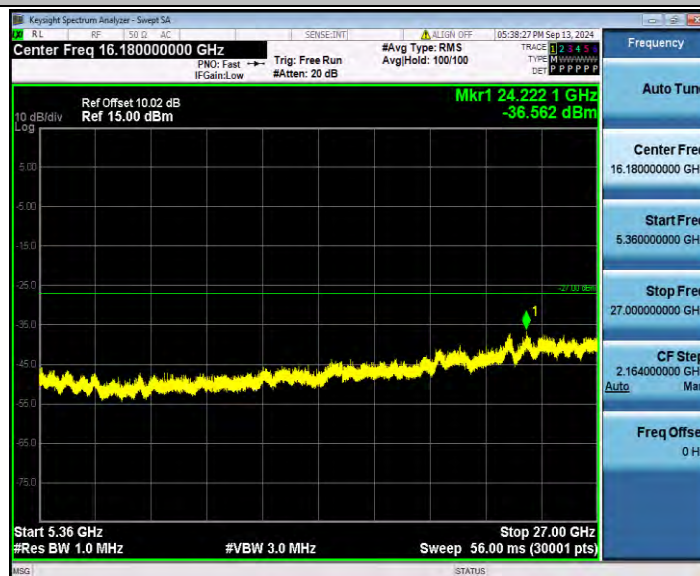




11N20SISO_Ant1_5200_30~5140



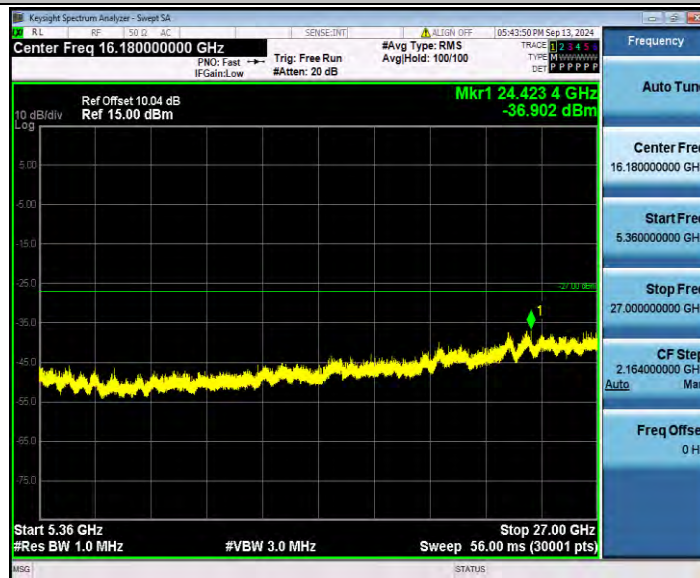
11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



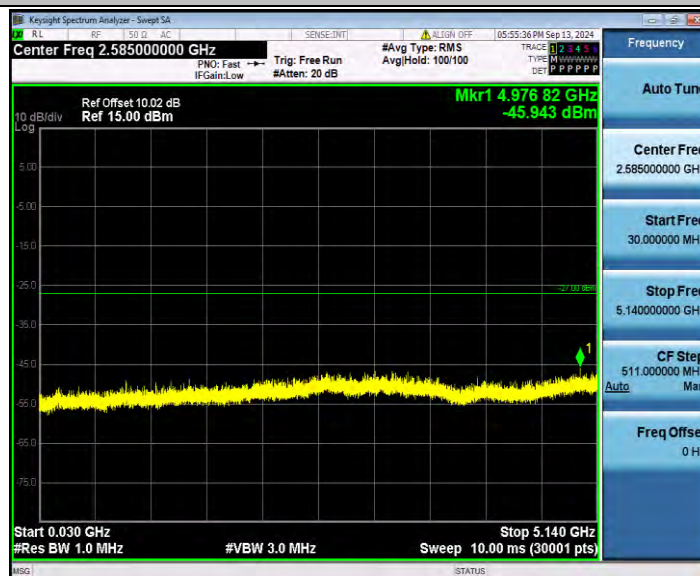
11N40SISO_Ant1_5190_30~5140



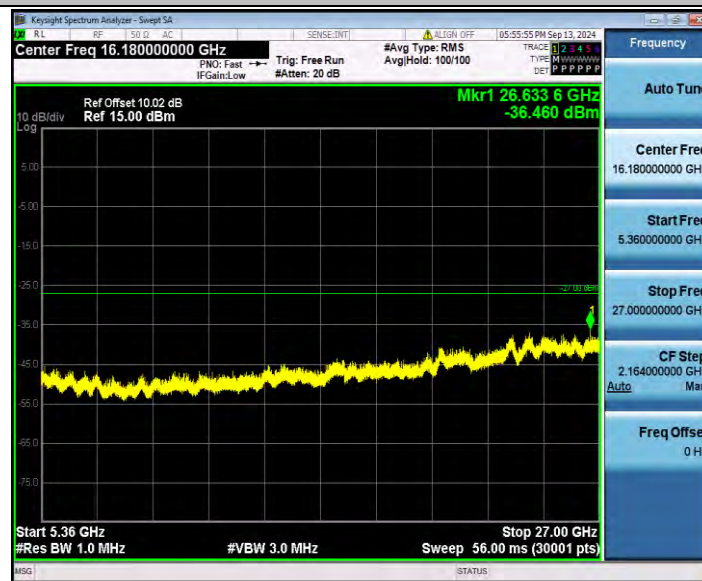
11N40SISO_Ant1_5190_5360~27000



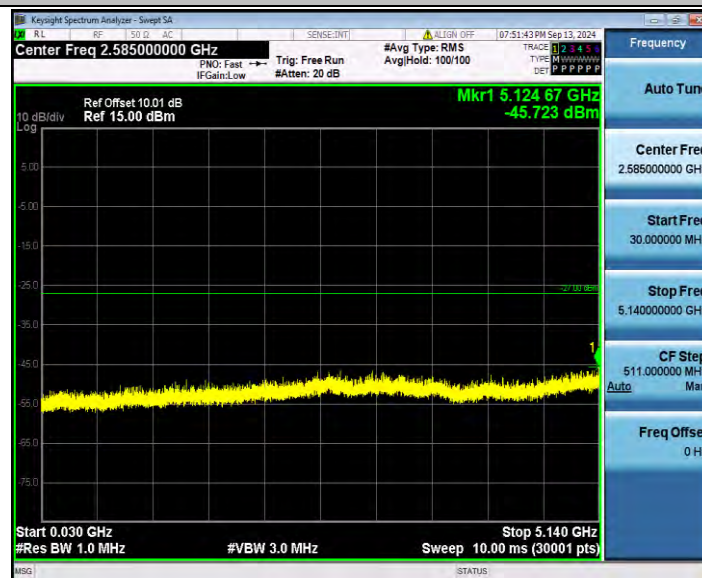
11N40SISO_Ant1_5230_30~5140



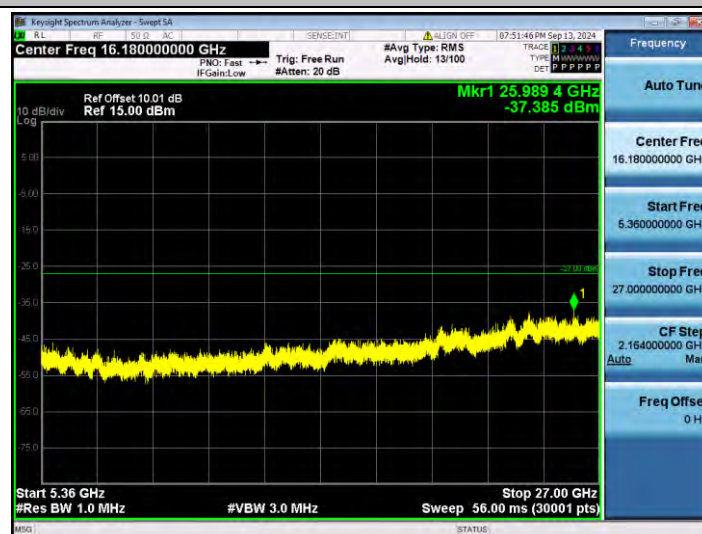
11N40SISO_Ant1_5230_5360~27000



11AC20SISO_Ant1_5180_30~5140



11AC20SISO_Ant1_5180_5360~27000



11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



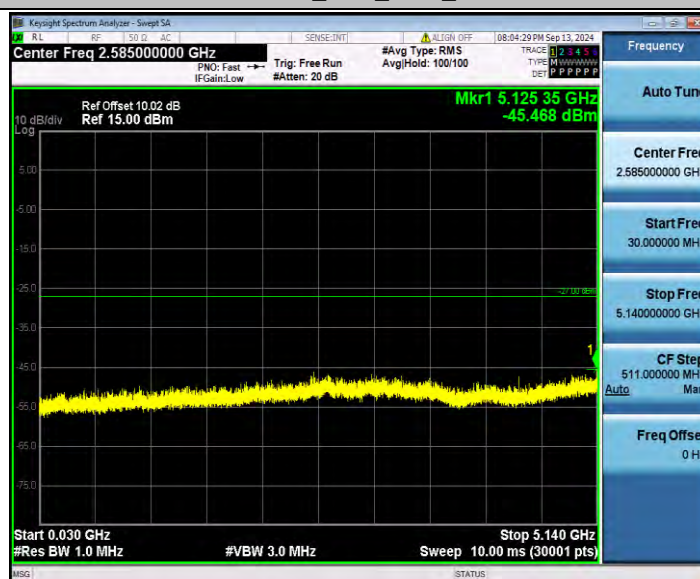
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~27000



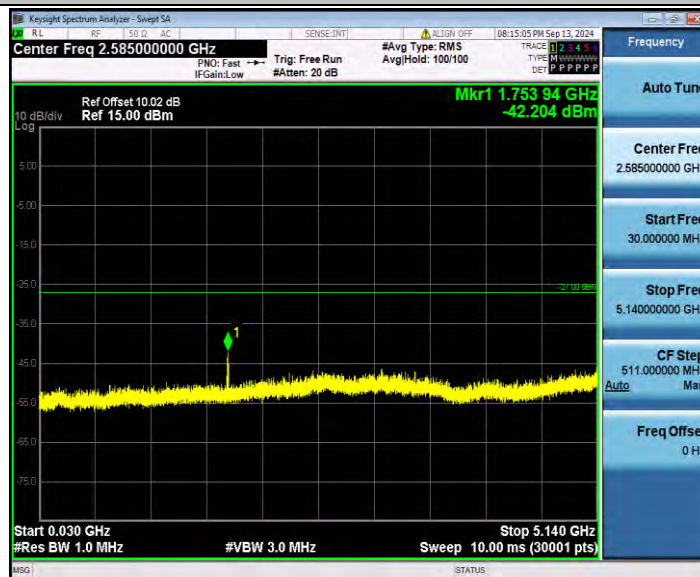
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~27000



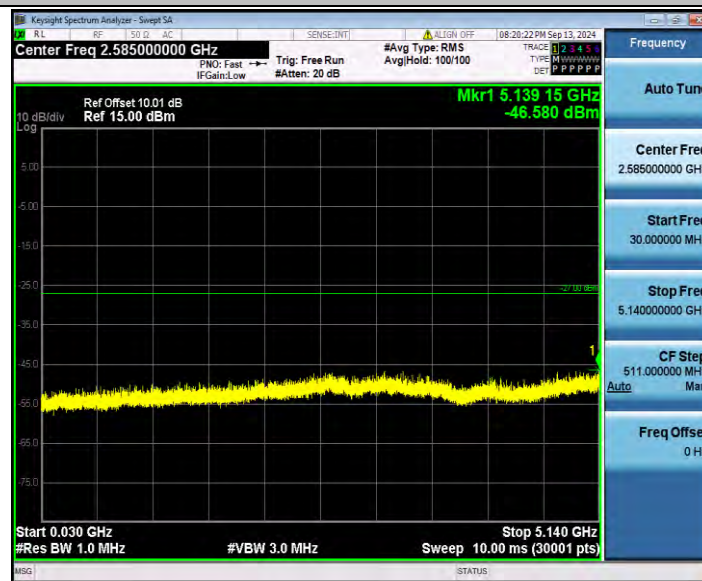
11AC80SISO_Ant1_5210_30~5140



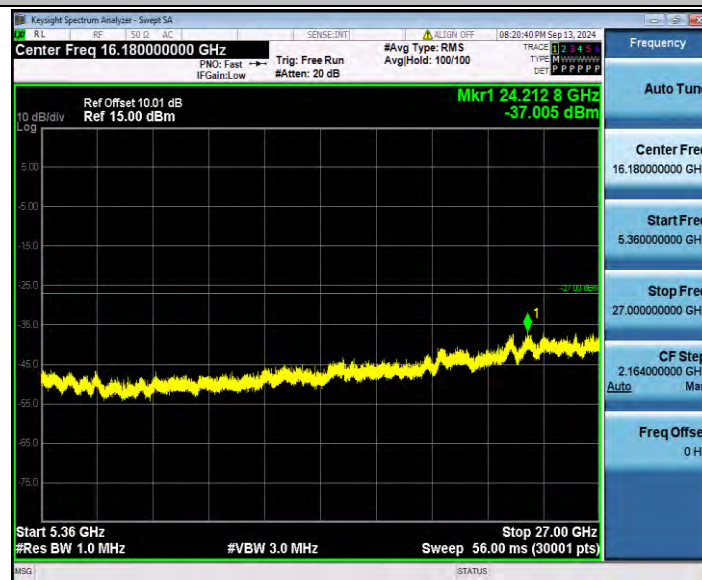
11AC80SISO_Ant1_5210_5360~27000



11AX20SISO_Ant1_5180_30~5140



11AX20SISO_Ant1_5180_5360~27000



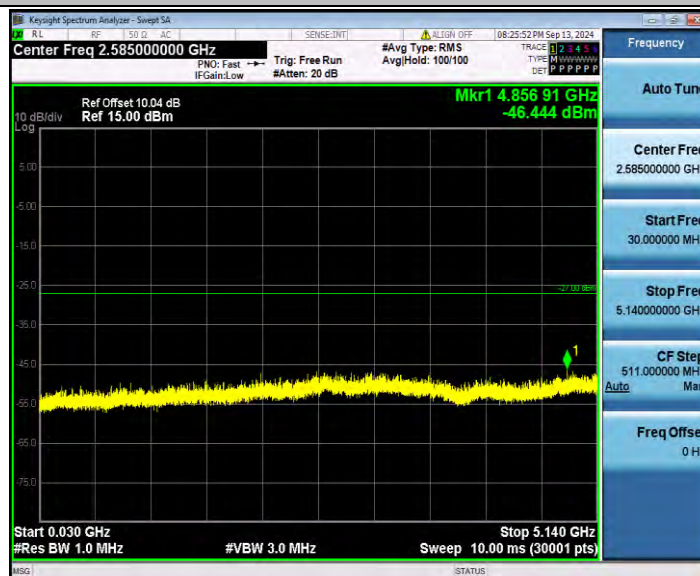
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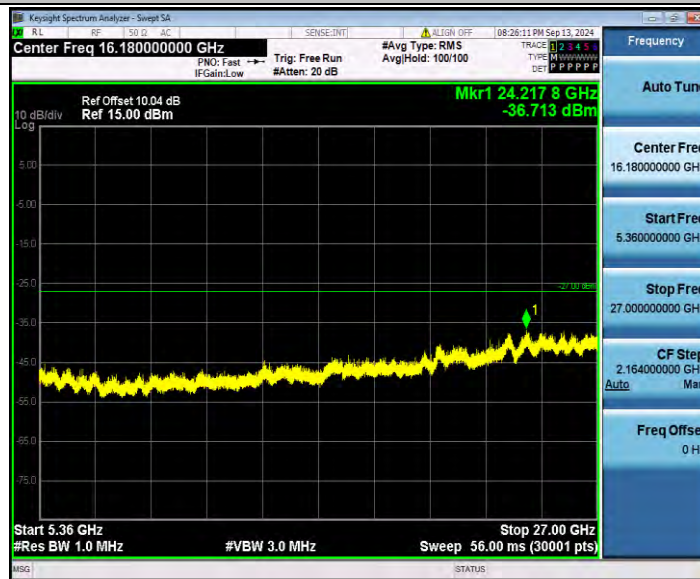
11AX20SISO_Ant1_5200_5360~27000



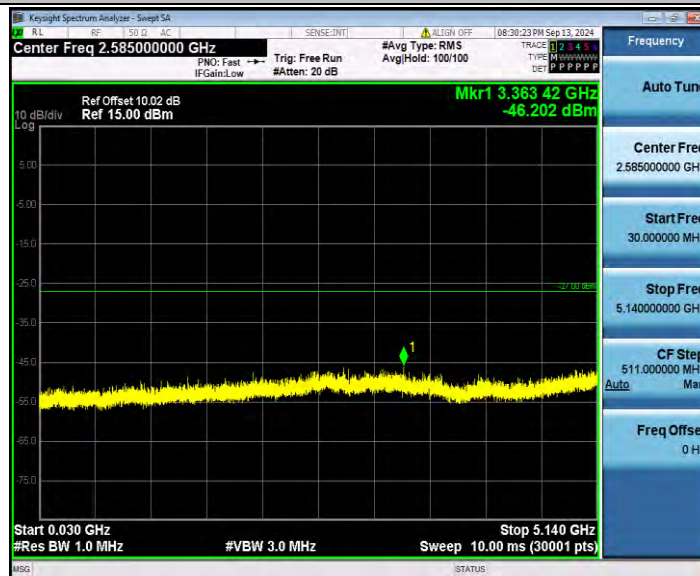
11AX20SISO_Ant1_5240_30~5140



11AX20SISO_Ant1_5240_5360~27000



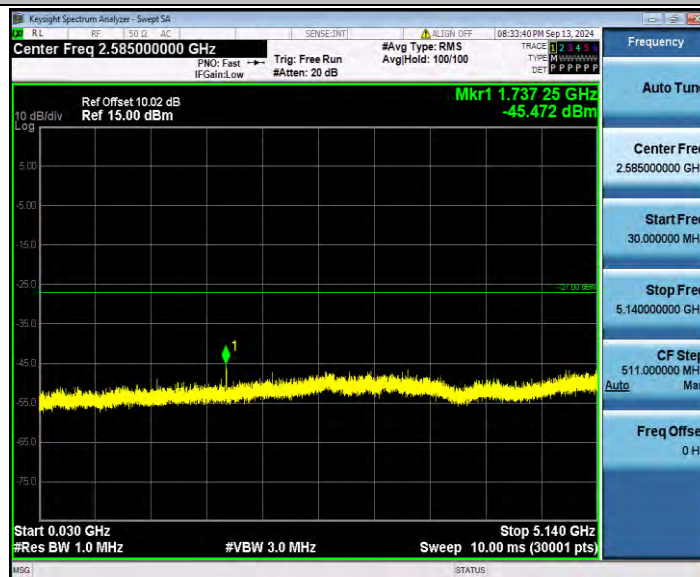
11AX40SISO_Ant1_5190_30~5140



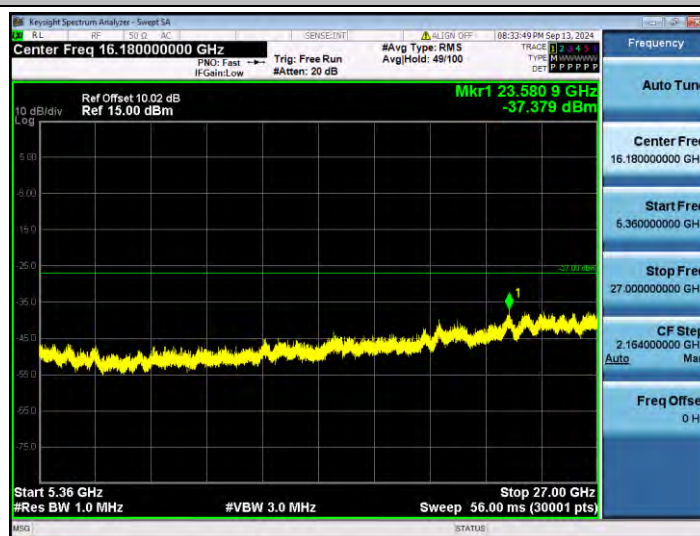
11AX40SISO_Ant1_5190_5360~27000



11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~27000



11AX80SISO_Ant1_5210_30~5140

