

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	11.46	96.53	0.15	11.61	≤23.98	PASS
		5200	11.55	96.55	0.15	11.70	≤23.98	PASS
		5240	11.87	95.86	0.18	12.05	≤23.98	PASS
11N20SISO	Ant0	5180	11.78	95.86	0.18	11.96	≤23.98	PASS
		5200	11.98	95.86	0.18	12.16	≤23.98	PASS
		5240	11.90	95.86	0.18	12.08	≤23.98	PASS
11N40SISO	Ant0	5190	10.46	92.86	0.32	10.78	≤23.98	PASS
		5230	10.63	91.55	0.38	11.01	≤23.98	PASS
11AC20SISO	Ant0	5180	10.54	95.62	0.19	10.73	≤23.98	PASS
		5200	10.79	95.62	0.19	10.98	≤23.98	PASS
		5240	10.68	96.32	0.16	10.84	≤23.98	PASS
11AC40SISO	Ant0	5190	10.42	91.55	0.38	10.80	≤23.98	PASS
		5230	10.69	92.96	0.32	11.01	≤23.98	PASS
11AC80SISO	Ant0	5210	10.90	84.21	0.75	11.65	≤23.98	PASS
11AX20SISO	Ant0	5180	10.57	96.32	0.16	10.73	≤23.98	PASS
		5200	10.85	96.32	0.16	11.01	≤23.98	PASS
		5240	10.92	96.32	0.16	11.08	≤23.98	PASS
11AX40SISO	Ant0	5190	10.64	91.55	0.38	11.02	≤23.98	PASS
		5230	10.75	92.86	0.32	11.07	≤23.98	PASS
11AX80SISO	Ant0	5210	10.96	86.84	0.61	11.57	≤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	0.93	≤11.00	PASS
		5200	1.14	≤11.00	PASS
		5240	1.45	≤11.00	PASS
11N20SISO	Ant0	5180	1.26	≤11.00	PASS
		5200	1.49	≤11.00	PASS
		5240	1.53	≤11.00	PASS
11N40SISO	Ant0	5190	-2.95	≤11.00	PASS
		5230	-2.64	≤11.00	PASS
11AC20SISO	Ant0	5180	-0.12	≤11.00	PASS
		5200	0.10	≤11.00	PASS
		5240	0.08	≤11.00	PASS
11AC40SISO	Ant0	5190	-2.89	≤11.00	PASS
		5230	-2.69	≤11.00	PASS
11AC80SISO	Ant0	5210	-4.66	≤11.00	PASS
11AX20SISO	Ant0	5180	-0.06	≤11.00	PASS
		5200	0.14	≤11.00	PASS
		5240	0.29	≤11.00	PASS
11AX40SISO	Ant0	5190	-2.69	≤11.00	PASS
		5230	-2.59	≤11.00	PASS
11AX80SISO	Ant0	5210	-4.76	≤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



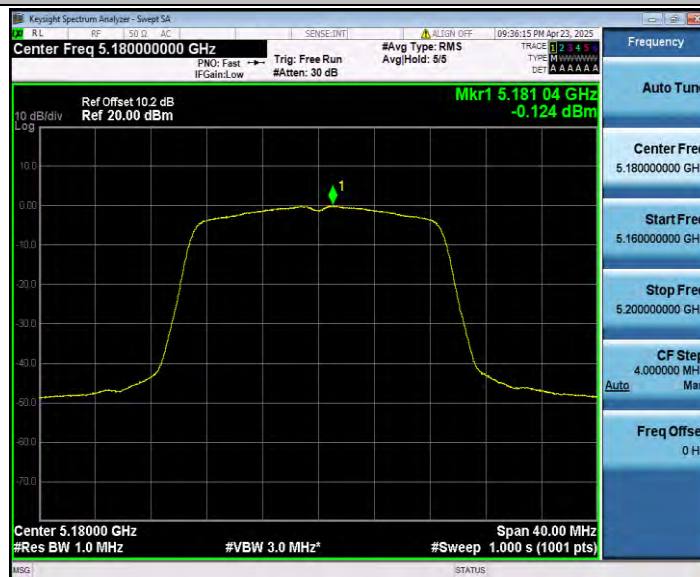
11N40SISO_Ant0_5190



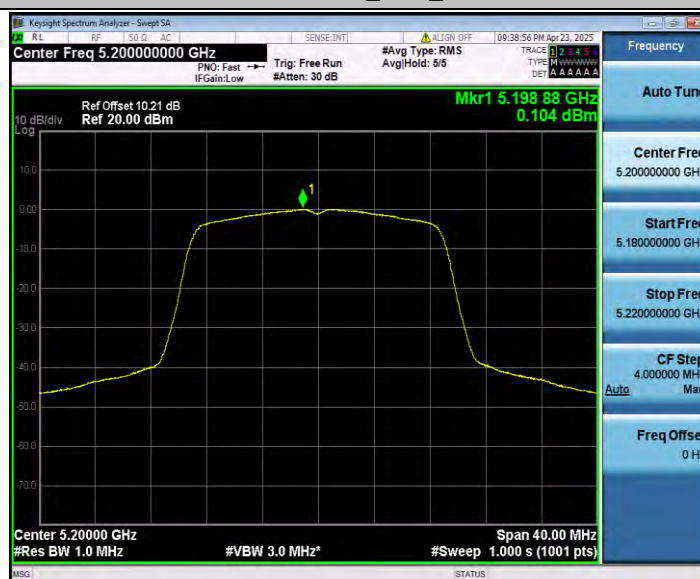
11N40SISO_Ant0_5230



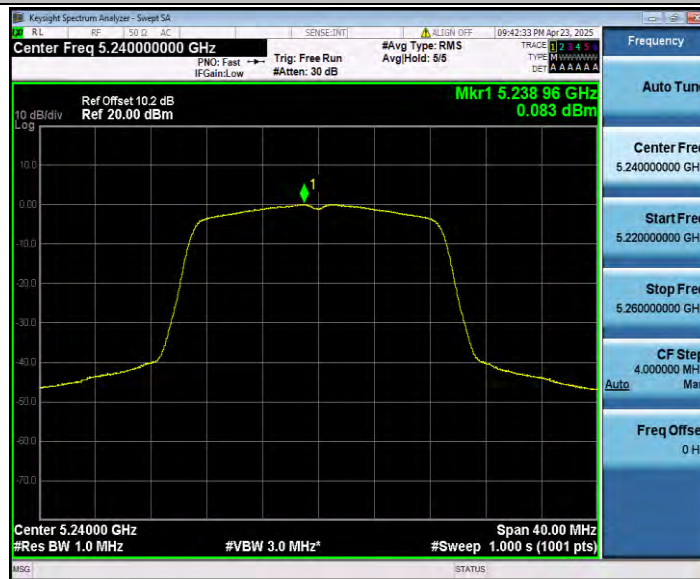
11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



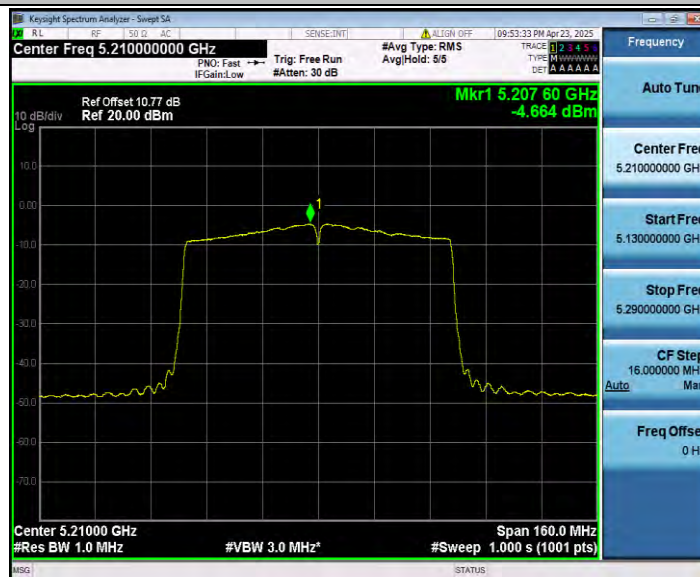
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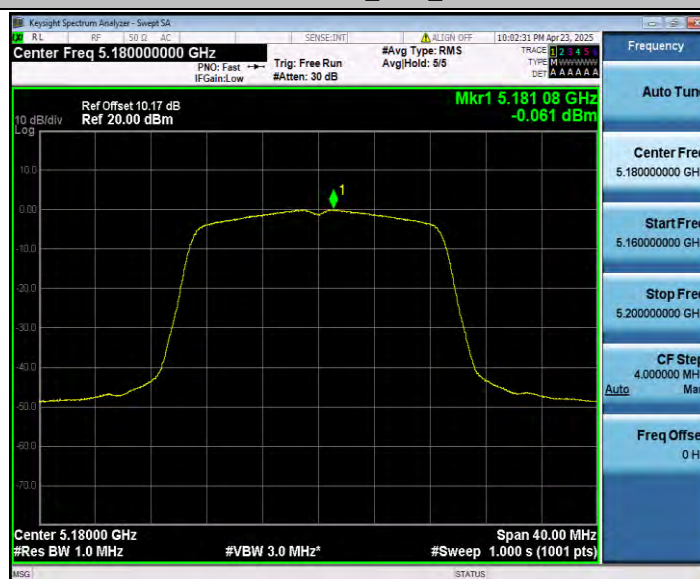
11AC40SISO_Ant0_5230



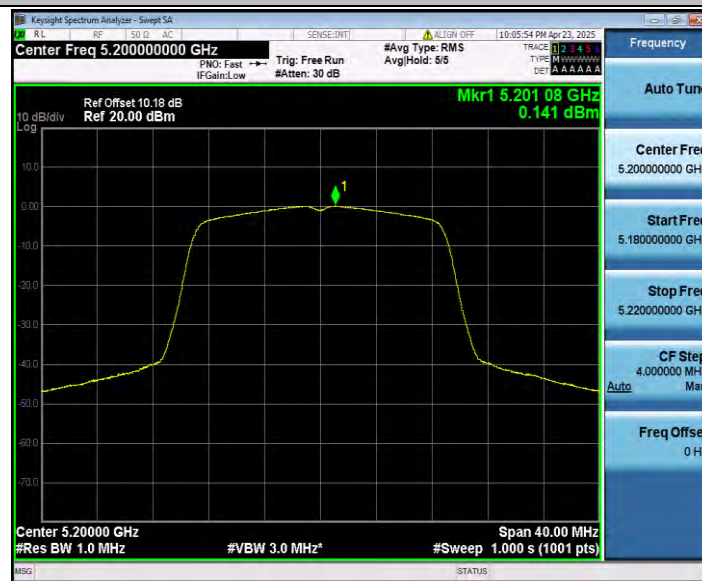
11AC80SISO_Ant0_5210



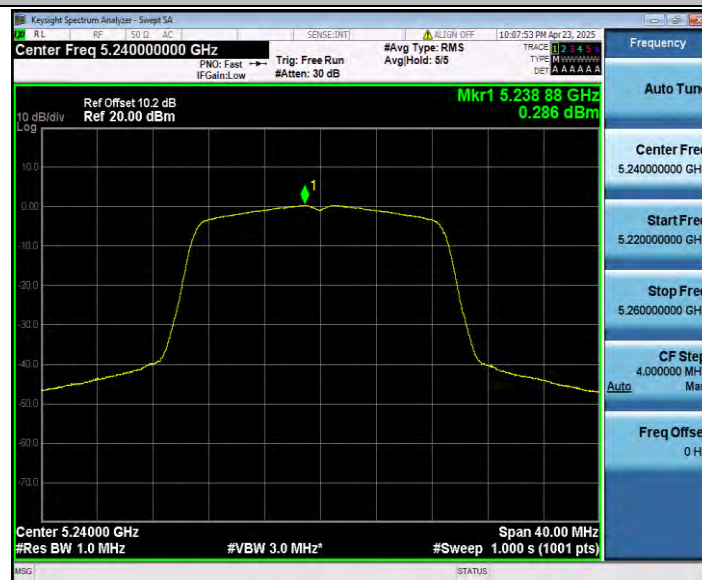
11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



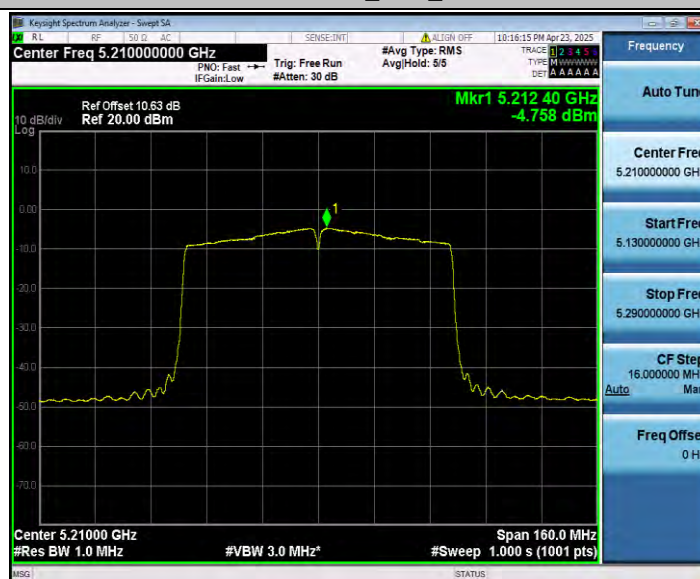
11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

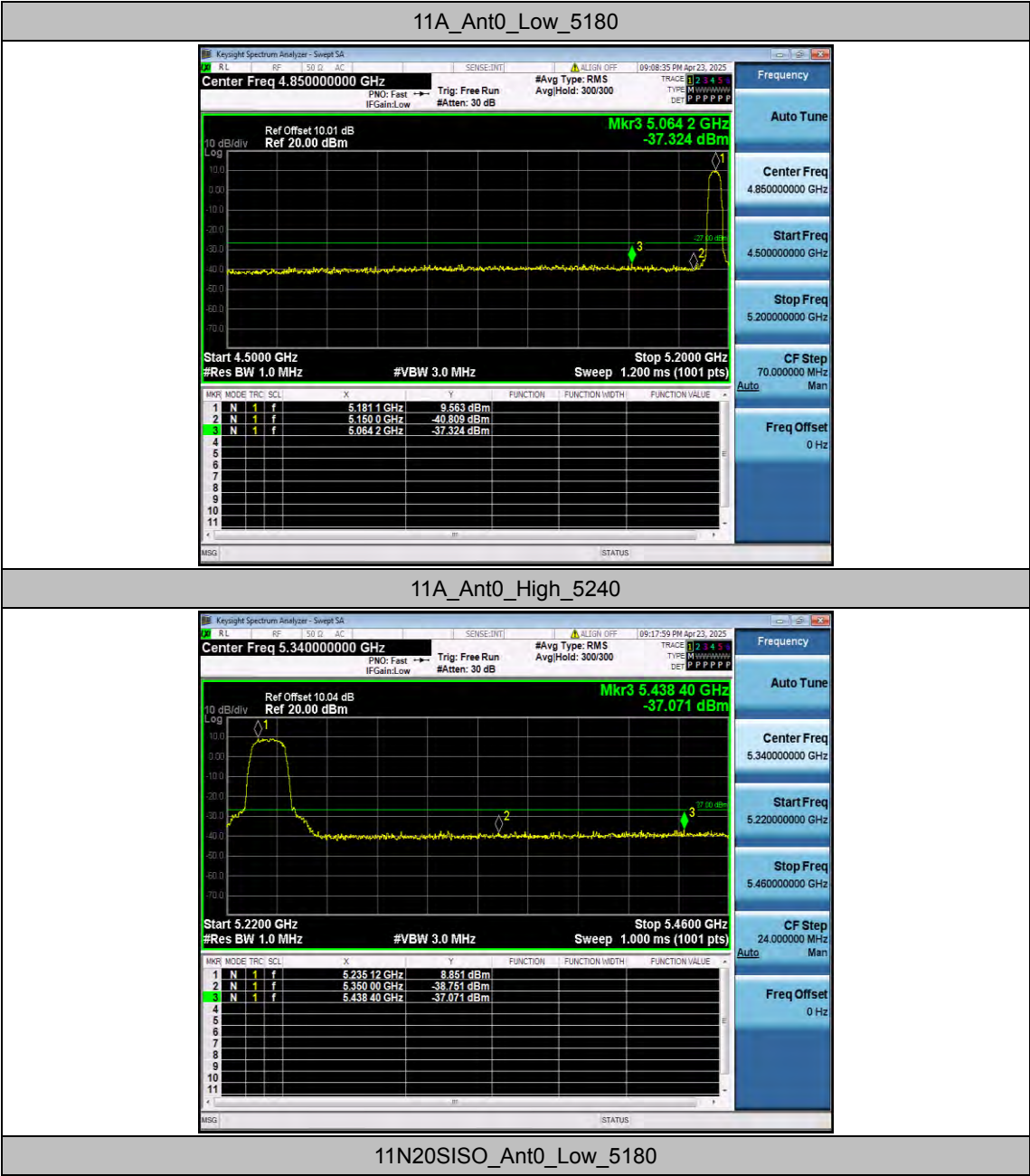


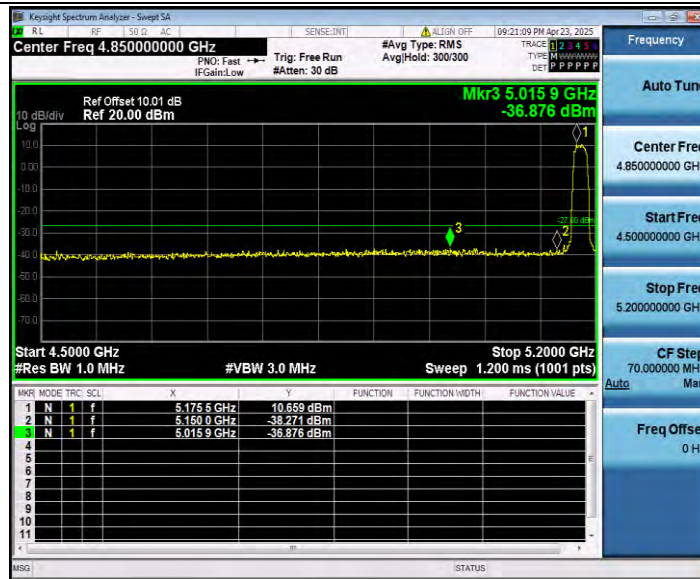
Appendix B.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5180	-37.32	≤ -27	PASS
		High	5240	-37.07	≤ -27	PASS
11N20SISO	Ant0	Low	5180	-36.88	≤ -27	PASS
		High	5240	-37.35	≤ -27	PASS
11N40SISO	Ant0	Low	5190	-36.7	≤ -27	PASS
		High	5230	-37.11	≤ -27	PASS
11AC20SISO	Ant0	Low	5180	-36.96	≤ -27	PASS
		High	5240	-37.54	≤ -27	PASS
11AC40SISO	Ant0	Low	5190	-36.91	≤ -27	PASS
		High	5230	-37.33	≤ -27	PASS
11AC80SISO	Ant0	Low	5210	-37.04	≤ -27	PASS
		High	5210	-37.44	≤ -27	PASS
11AX20SISO	Ant0	Low	5180	-36.8	≤ -27	PASS
		High	5240	-37.41	≤ -27	PASS
11AX40SISO	Ant0	Low	5190	-37.35	≤ -27	PASS
		High	5230	-37.1	≤ -27	PASS
11AX80SISO	Ant0	Low	5210	-37.22	≤ -27	PASS
		High	5210	-37.43	≤ -27	PASS

Test Graphs B1

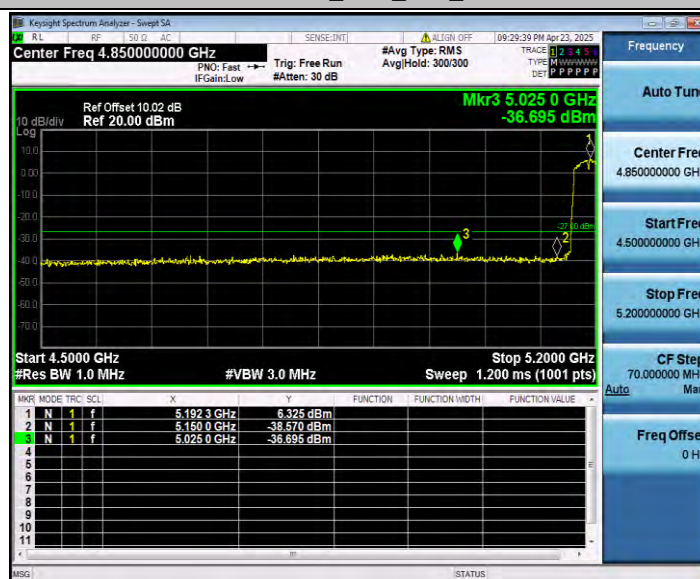




11N20SISO_Ant0_High_5240



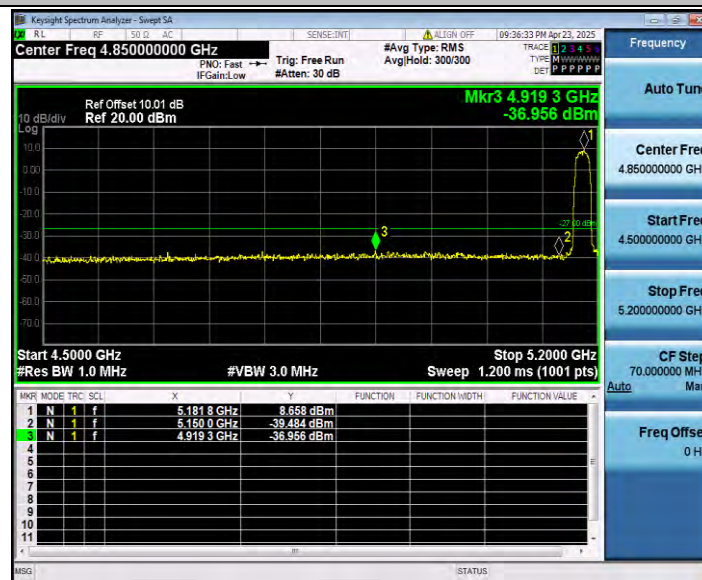
11N40SISO_Ant0_Low_5190



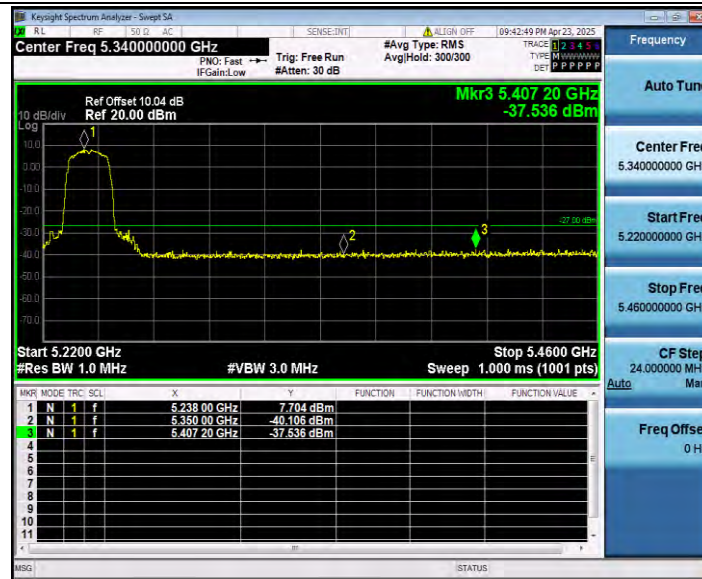
11N40SISO_Ant0_High_5230



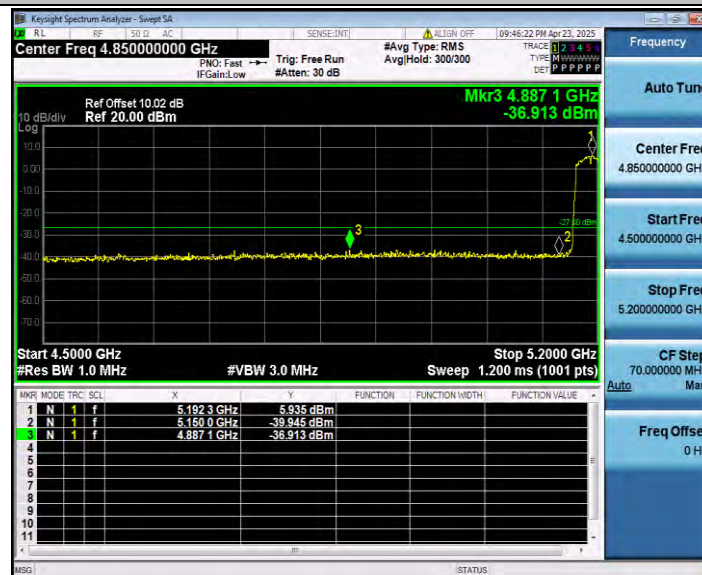
11AC20SISO_Ant0_Low_5180



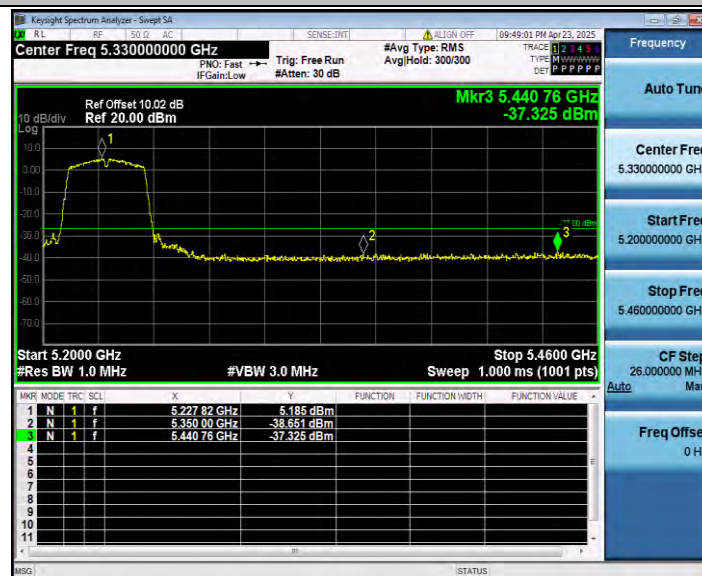
11AC20SISO_Ant0_High_5240



11AC40SISO_Ant0_Low_5190



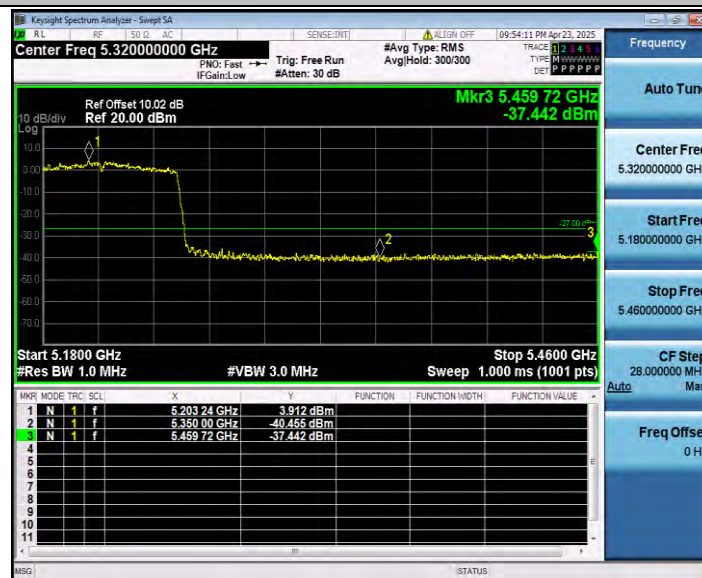
11AC40SISO_Ant0_High_5230



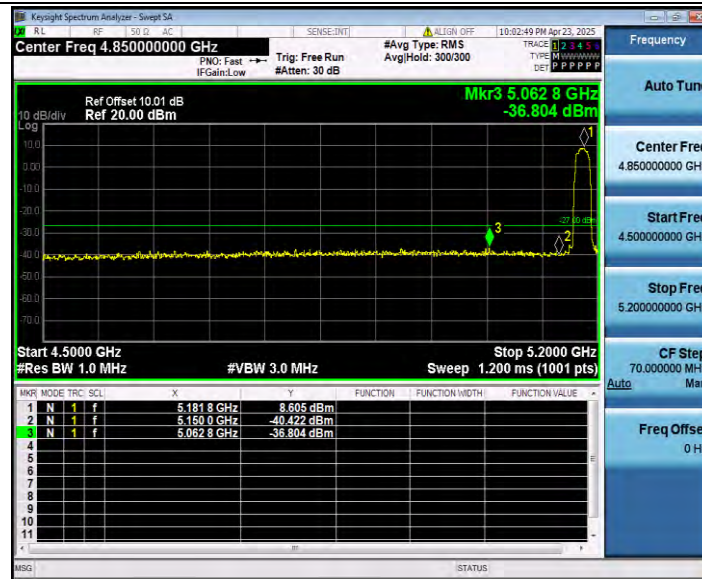
11AC80SISO_Ant0_Low_5210



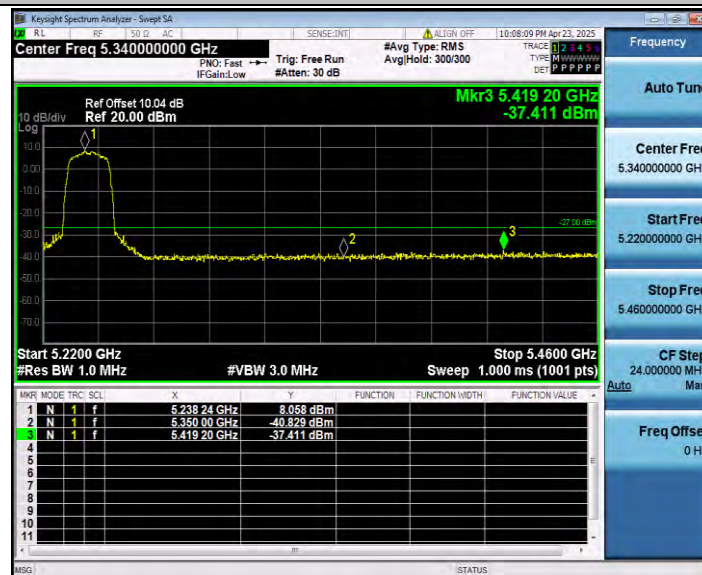
11AC80SISO_Ant0_High_5210



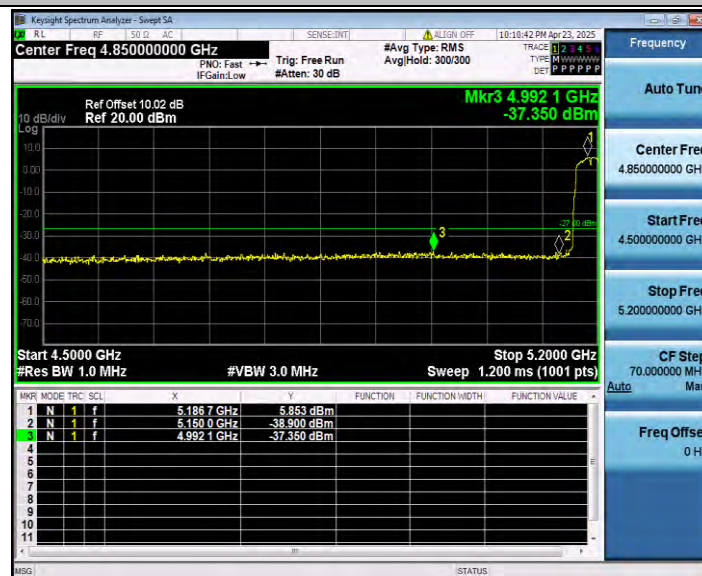
11AX20SISO_Ant0_Low_5180



11AX20SISO_Ant0_High_5240



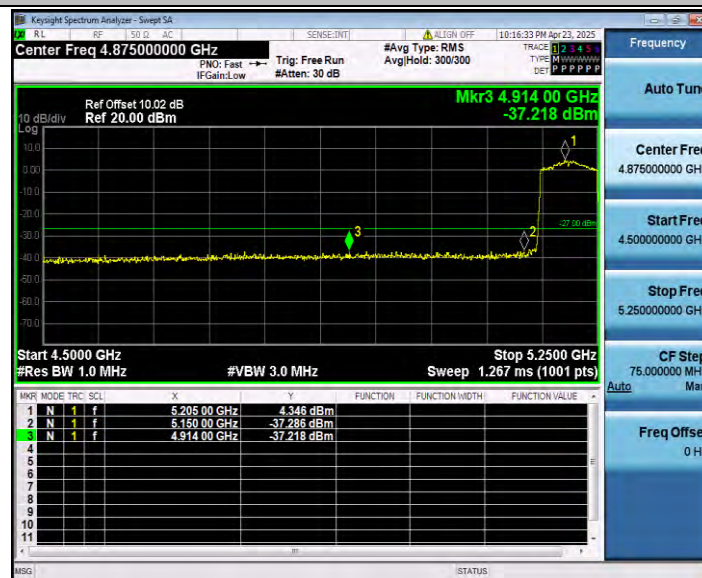
11AX40SISO_Ant0_Low_5190



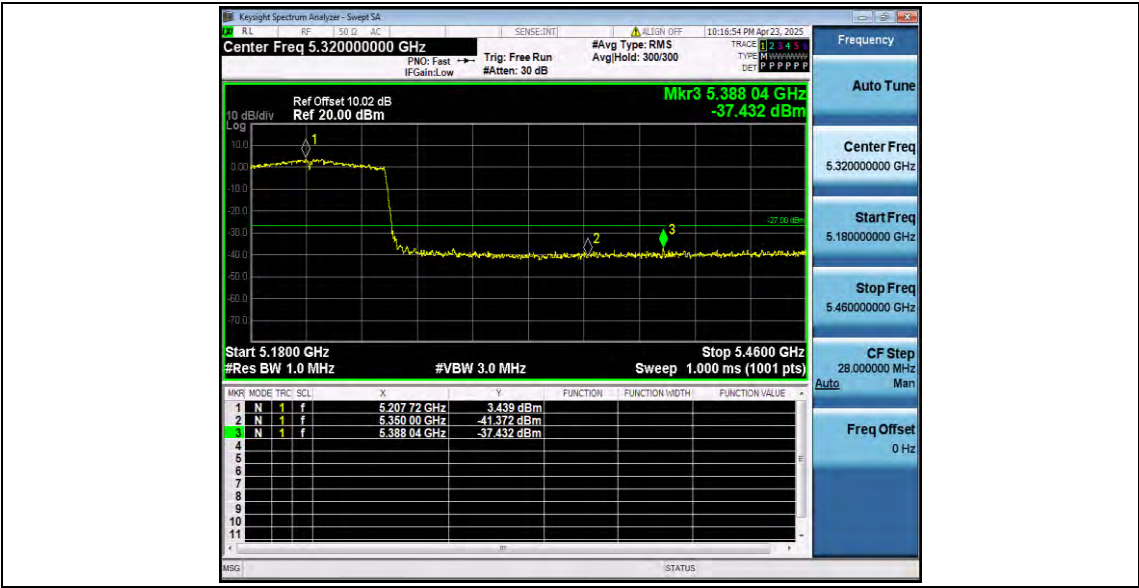
11AX40SISO_Ant0_High_5230



11AX80SISO_Ant0_Low_5210



11AX80SISO_Ant0_High_5210



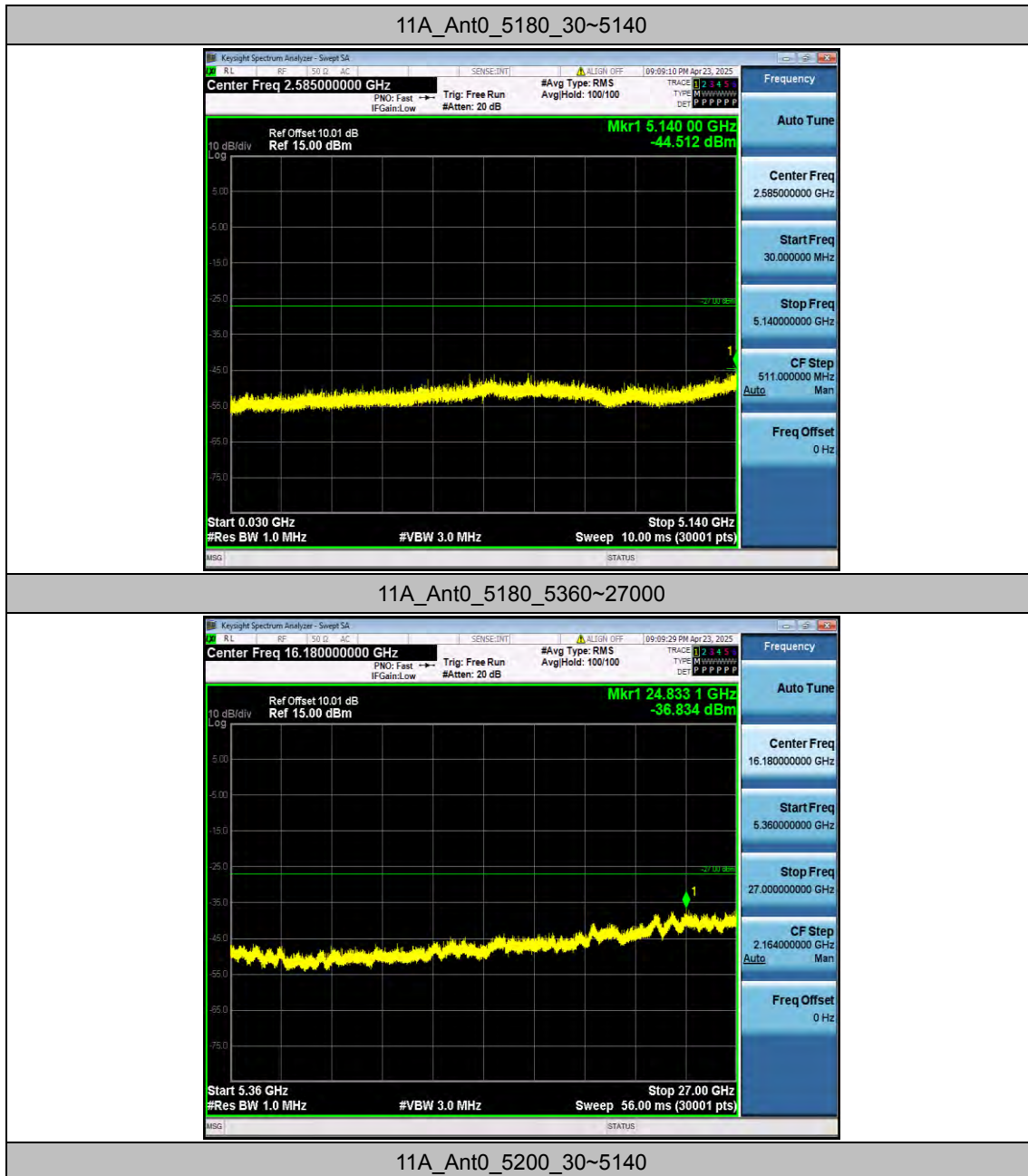
Appendix B.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	30~5140	5140	-44.51	≤-27	PASS
			5360~27000	24833.11	-36.83	≤-27	PASS
		5200	30~5140	3187.13	-45.72	≤-27	PASS
			5360~27000	26011.77	-36.69	≤-27	PASS
		5240	30~5140	5111.55	-45.85	≤-27	PASS
			5360~27000	24267.59	-36	≤-27	PASS
11N20SISO	Ant0	5180	30~5140	5129.95	-44.68	≤-27	PASS
			5360~27000	26044.23	-36.73	≤-27	PASS
		5200	30~5140	5112.41	-45.69	≤-27	PASS
			5360~27000	26944.46	-36.73	≤-27	PASS
		5240	30~5140	5121.09	-46.25	≤-27	PASS
			5360~27000	25380.61	-37.03	≤-27	PASS
11N40SISO	Ant0	5190	30~5140	5138.64	-45.26	≤-27	PASS
			5360~27000	26844.91	-37.13	≤-27	PASS
		5230	30~5140	2658.92	-46.2	≤-27	PASS
			5360~27000	26024.04	-36.33	≤-27	PASS
11AC20SISO	Ant0	5180	30~5140	5133.87	-44.99	≤-27	PASS
			5360~27000	24338.28	-36.29	≤-27	PASS
		5200	30~5140	5055.17	-45.49	≤-27	PASS
			5360~27000	24275.52	-36.79	≤-27	PASS
		5240	30~5140	2535.26	-45.35	≤-27	PASS
			5360~27000	26872.32	-35.74	≤-27	PASS
11AC40SISO	Ant0	5190	30~5140	5114.45	-45.52	≤-27	PASS
			5360~27000	26464.77	-36.44	≤-27	PASS
		5230	30~5140	5050.06	-46.08	≤-27	PASS
			5360~27000	24304.38	-37.44	≤-27	PASS
11AC80SISO	Ant0	5210	30~5140	5137.96	-43.85	≤-27	PASS
			5360~27000	26603.99	-36.42	≤-27	PASS
11AX20SISO	Ant0	5180	30~5140	5134.38	-45.88	≤-27	PASS
			5360~27000	23482.06	-36.93	≤-27	PASS
		5200	30~5140	4948.55	-46.47	≤-27	PASS
			5360~27000	23545.53	-36.7	≤-27	PASS
		5240	30~5140	5138.47	-45.66	≤-27	PASS
			5360~27000	24175.26	-36.4	≤-27	PASS
11AX40SISO	Ant0	5190	30~5140	5136.59	-44.55	≤-27	PASS
			5360~27000	25242.11	-36.48	≤-27	PASS

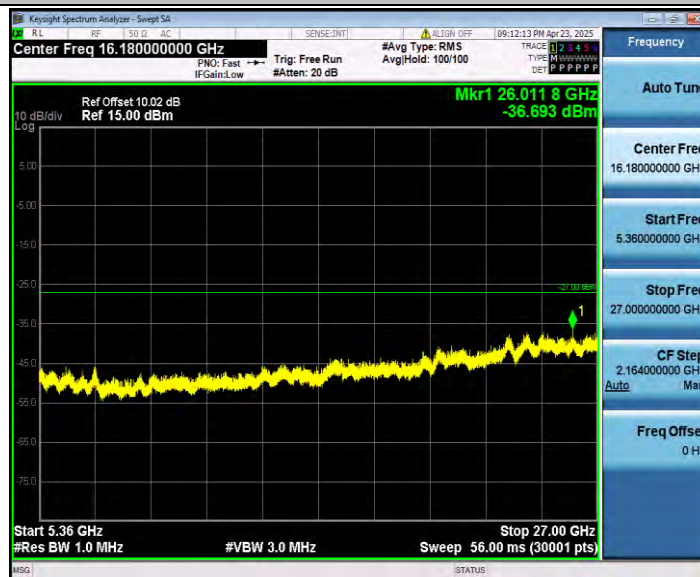
		5230	30~5140	5126.54	-45.6	≤ -27	PASS
			5360~27000	25019.94	-36.96	≤ -27	PASS
11AX80SISO	Ant0	5210	30~5140	5124.5	-43.33	≤ -27	PASS
			5360~27000	24874.95	-36.79	≤ -27	PASS

Test Graphs





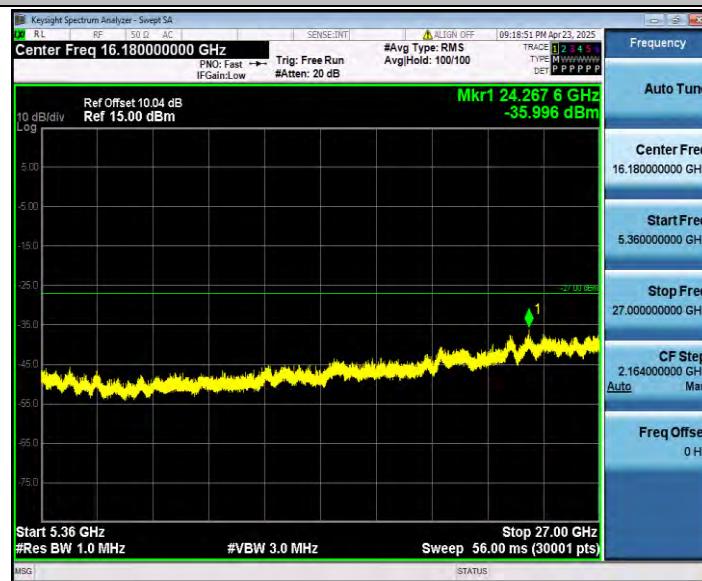
11A_Ant0_5200_5360~27000



11A_Ant0_5240_30~5140



11A_Ant0_5240_5360~27000



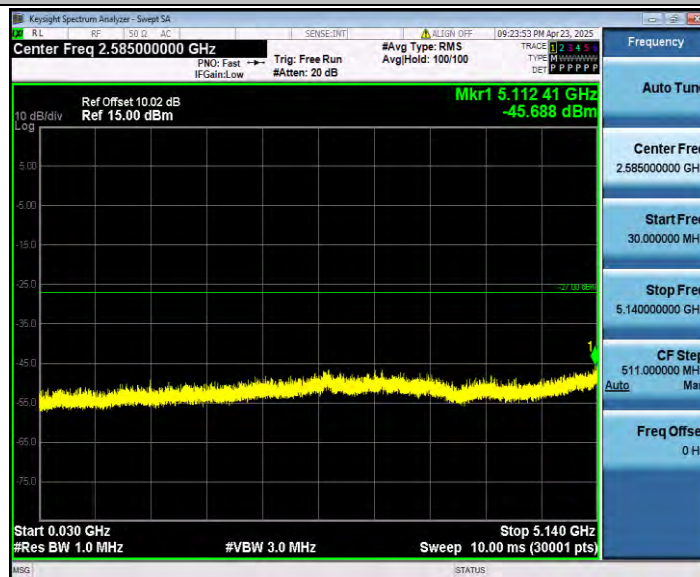
11N20SISO_Ant0_5180_30~5140



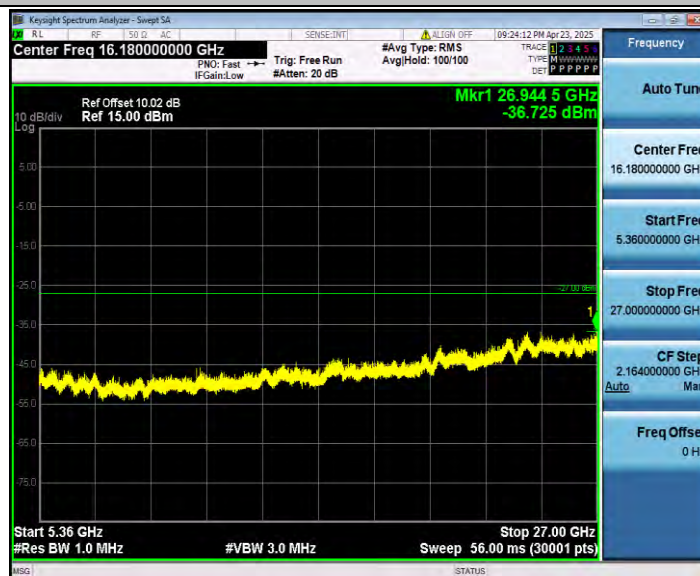
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11N20SISO_Ant0_5200_30~5140



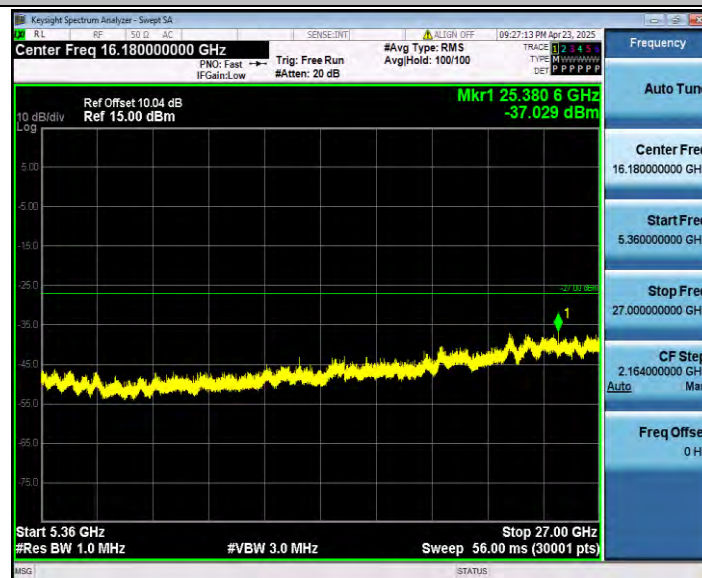
11N20SISO_Ant0_5200_5360~27000



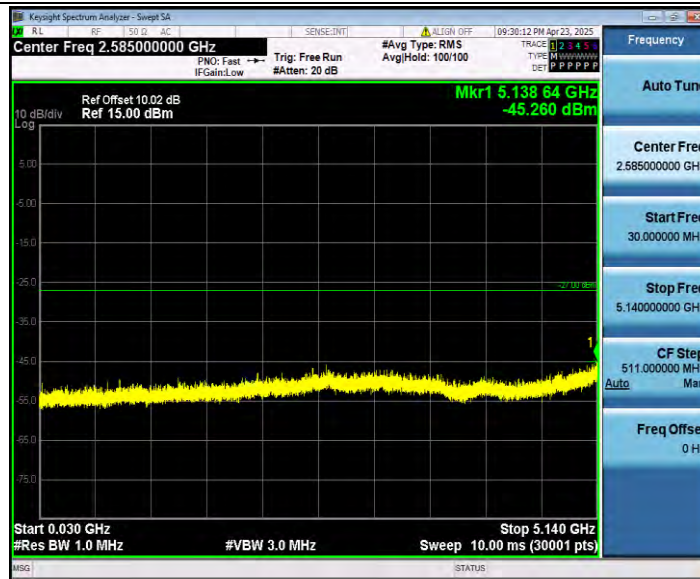
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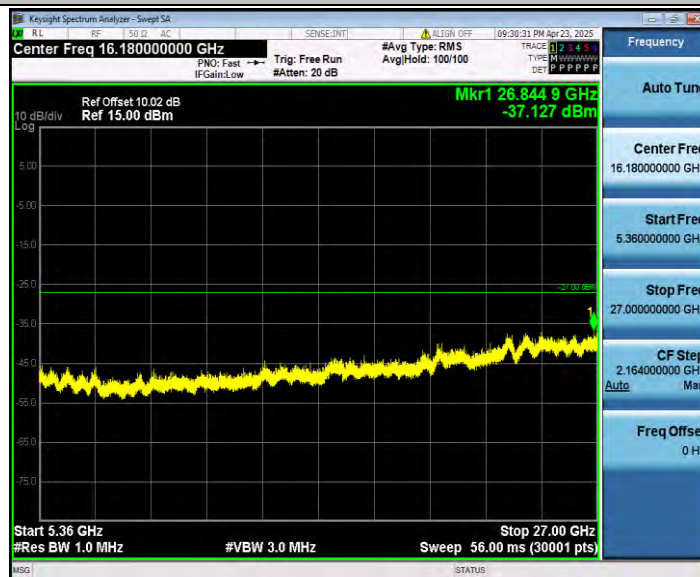
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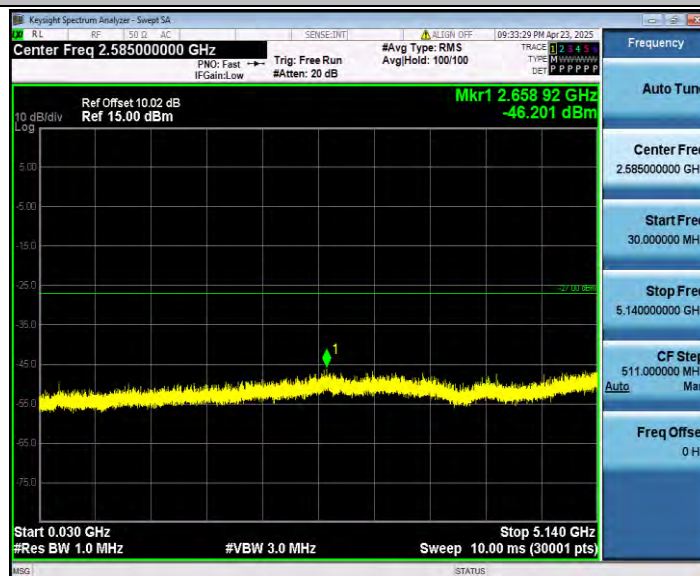
11N40SISO_Ant0_5190_30~5140



11N40SISO_Ant0_5190_5360~27000



11N40SISO_Ant0_5230_30~5140



11N40SISO_Ant0_5230_5360~27000



11AC20SISO_Ant0_5180_30~5140



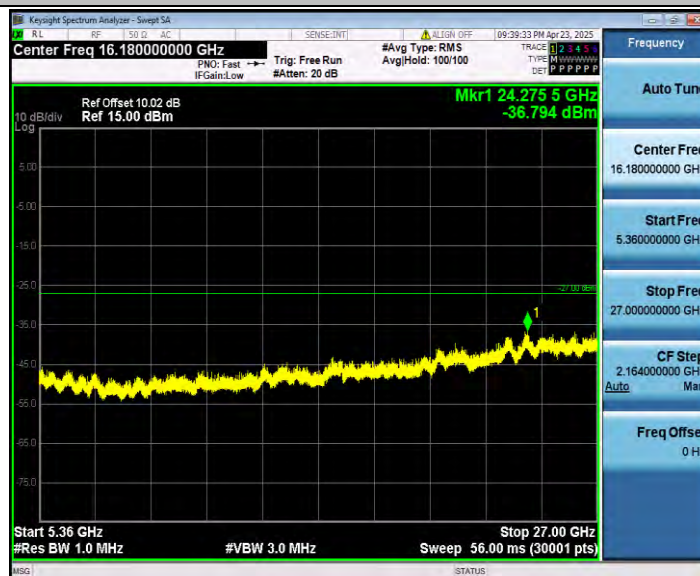
11AC20SISO_Ant0_5180_5360~27000



11AC20SISO_Ant0_5200_30~5140



11AC20SISO_Ant0_5200_5360~27000



11AC20SISO_Ant0_5240_30~5140



11AC20SISO_Ant0_5240_5360~27000



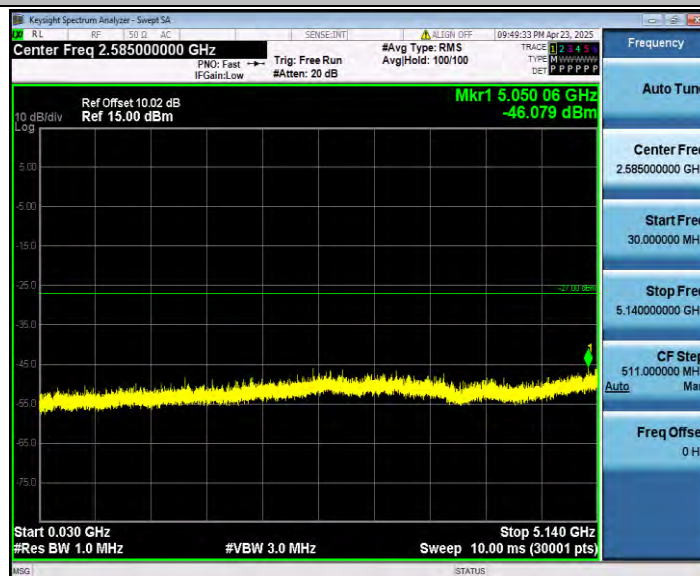
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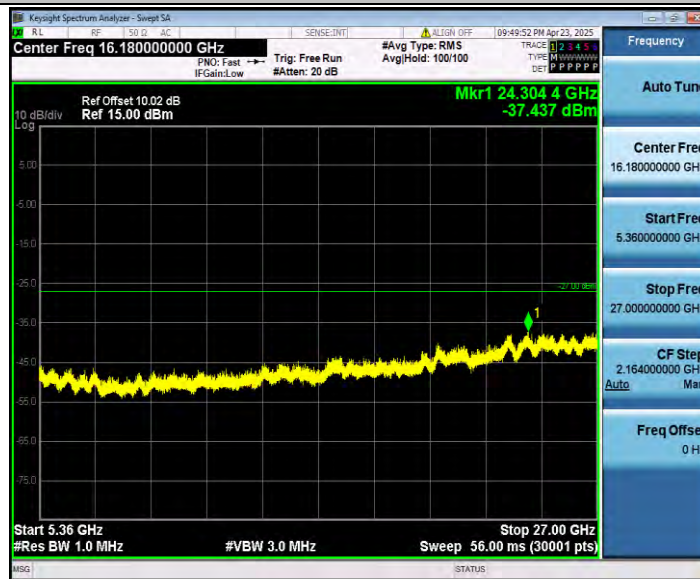
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11AC40SISO_Ant0_5230_30~5140



11AC40SISO_Ant0_5230_5360~27000



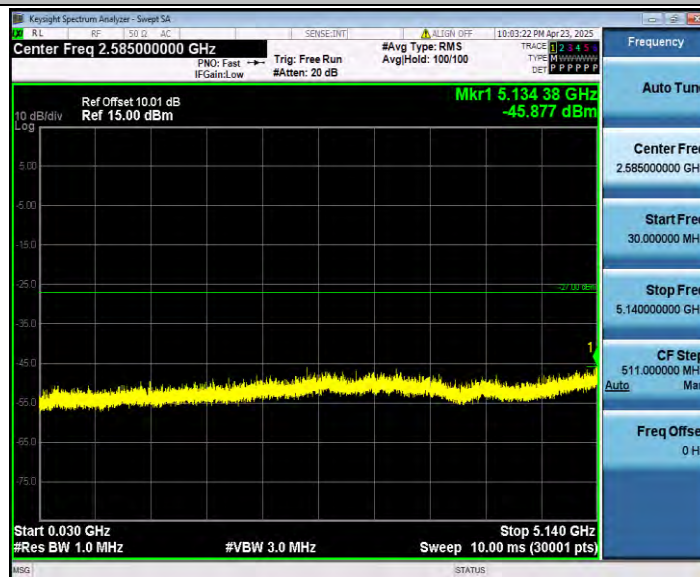
11AC80SISO_Ant0_5210_30~5140



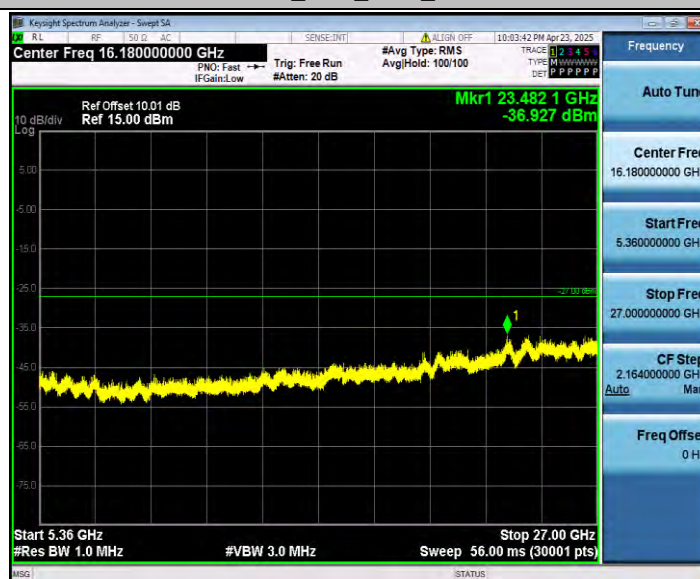
11AC80SISO_Ant0_5210_5360~27000



11AX20SISO_Ant0_5180_30~5140



11AX20SISO_Ant0_5180_5360~27000



11AX20SISO_Ant0_5200_30~5140



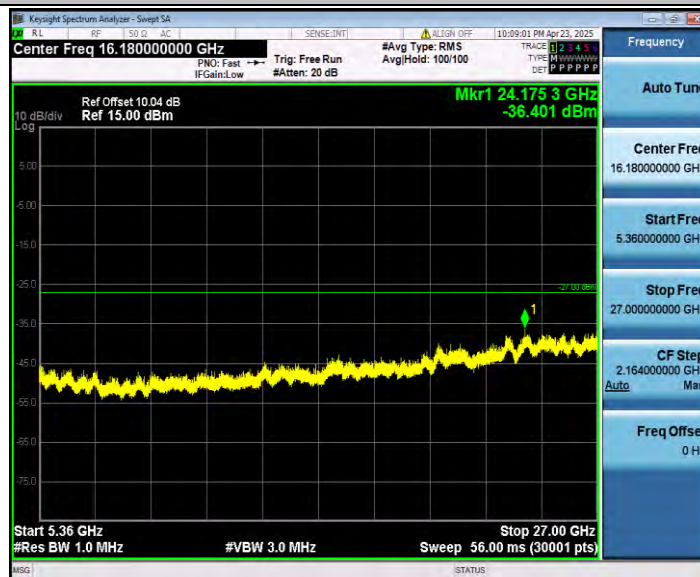
11AX20SISO_Ant0_5200_5360~27000



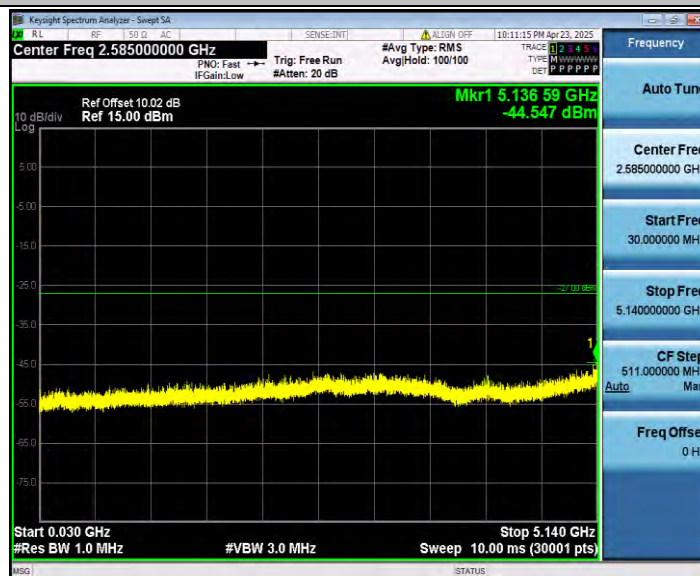
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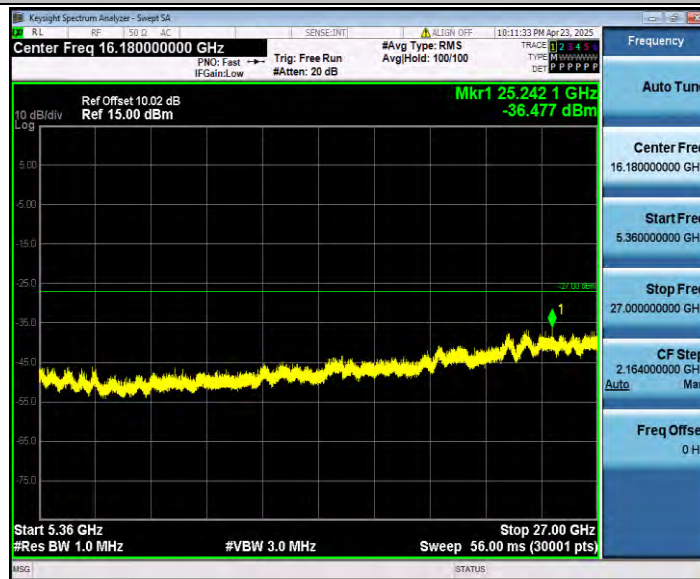
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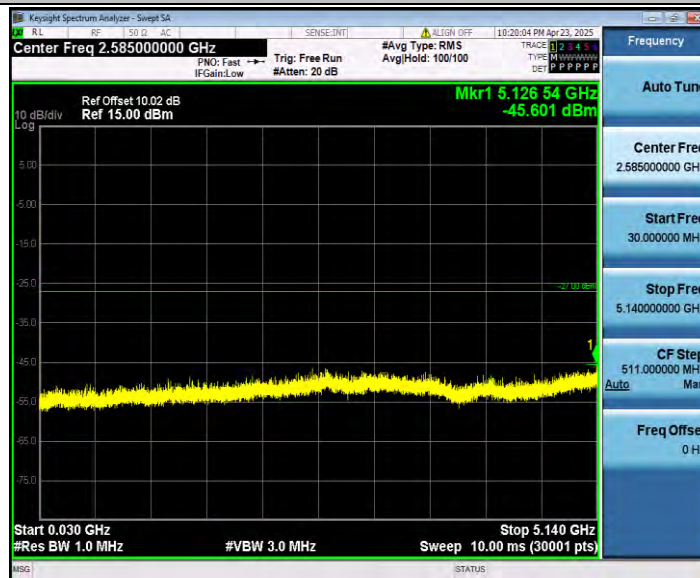
11AX40SISO_Ant0_5190_30~5140



11AX40SISO_Ant0_5190_5360~27000



11AX40SISO_Ant0_5230_30~5140



11AX40SISO_Ant0_5230_5360~27000



11AX80SISO_Ant0_5210_30~5140



11AX80SISO_Ant0_5210_5360~27000

