

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	Ant1	5180	11.68	96.55	0.15	11.83	≤23.98	PASS
		5200	11.96	95.86	0.18	12.14	≤23.98	PASS
		5240	11.91	96.53	0.15	12.06	≤23.98	PASS
11N20SISO	Ant1	5180	11.96	96.53	0.15	12.11	≤23.98	PASS
		5200	12.18	96.55	0.15	12.33	≤23.98	PASS
		5240	11.93	95.86	0.18	12.11	≤23.98	PASS
11N40SISO	Ant1	5190	10.76	92.86	0.32	11.08	≤23.98	PASS
		5230	10.82	92.86	0.32	11.14	≤23.98	PASS
11AC20SISO	Ant1	5180	10.89	96.32	0.16	11.05	≤23.98	PASS
		5200	10.90	96.32	0.16	11.06	≤23.98	PASS
		5240	10.79	95.62	0.19	10.98	≤23.98	PASS
11AC40SISO	Ant1	5190	10.82	92.96	0.32	11.14	≤23.98	PASS
		5230	10.63	91.55	0.38	11.01	≤23.98	PASS
11AC80SISO	Ant1	5210	11.03	86.49	0.63	11.66	≤23.98	PASS
11AX20SISO	Ant1	5180	10.95	95.59	0.20	11.15	≤23.98	PASS
		5200	11.04	95.59	0.20	11.24	≤23.98	PASS
		5240	10.88	96.32	0.16	11.04	≤23.98	PASS
11AX40SISO	Ant1	5190	10.78	92.86	0.32	11.10	≤23.98	PASS
		5230	10.58	91.55	0.38	10.96	≤23.98	PASS
11AX80SISO	Ant1	5210	11.00	84.21	0.75	11.75	≤23.98	PASS

Appendix B.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	1.17	≤11.00	PASS
		5200	1.48	≤11.00	PASS
		5240	1.48	≤11.00	PASS
11N20SISO	Ant1	5180	1.36	≤11.00	PASS
		5200	1.61	≤11.00	PASS
		5240	1.46	≤11.00	PASS
11N40SISO	Ant1	5190	-2.59	≤11.00	PASS
		5230	-2.54	≤11.00	PASS
11AC20SISO	Ant1	5180	0.08	≤11.00	PASS
		5200	0.35	≤11.00	PASS
		5240	0.15	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.56	≤11.00	PASS
		5230	-2.63	≤11.00	PASS
11AC80SISO	Ant1	5210	-4.42	≤11.00	PASS
11AX20SISO	Ant1	5180	0.29	≤11.00	PASS
		5200	0.39	≤11.00	PASS
		5240	0.24	≤11.00	PASS
11AX40SISO	Ant1	5190	-2.49	≤11.00	PASS
		5230	-2.71	≤11.00	PASS
11AX80SISO	Ant1	5210	-4.52	≤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



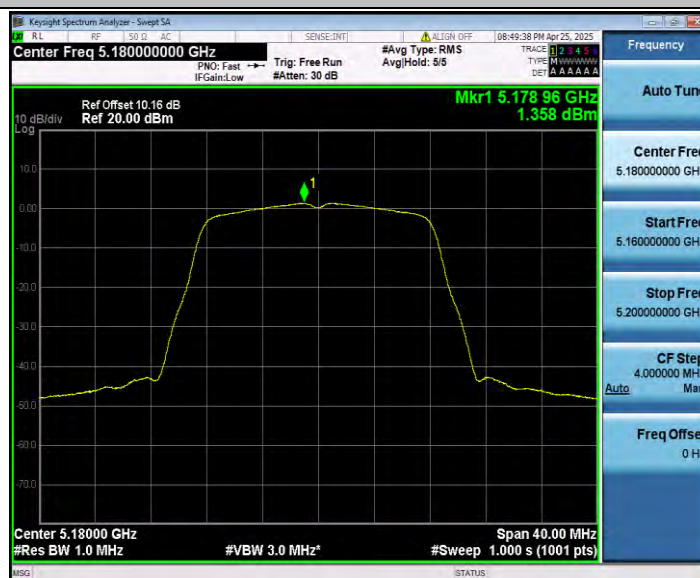
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



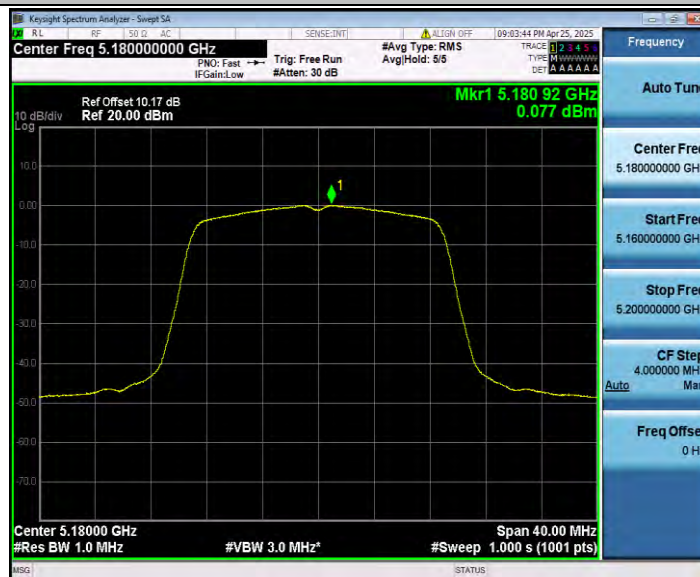
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



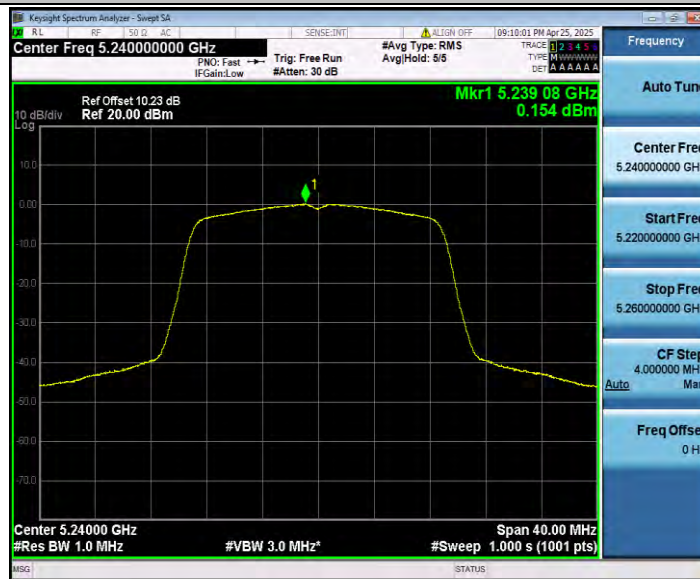
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11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



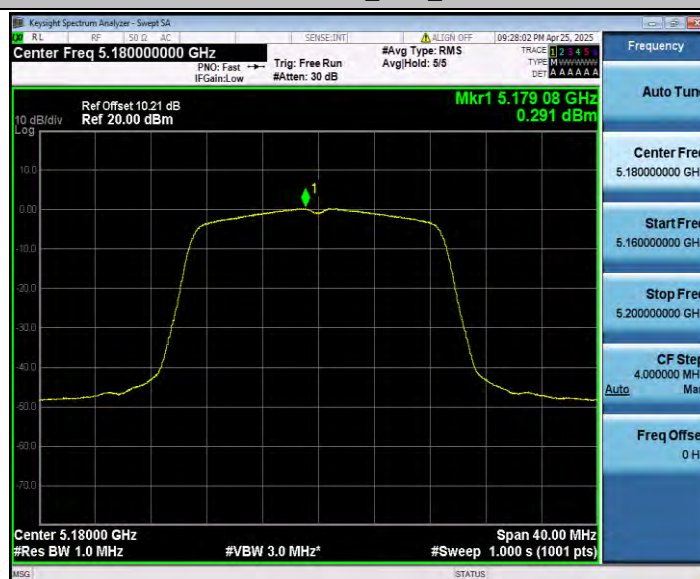
11AC40SISO_Ant1_5230



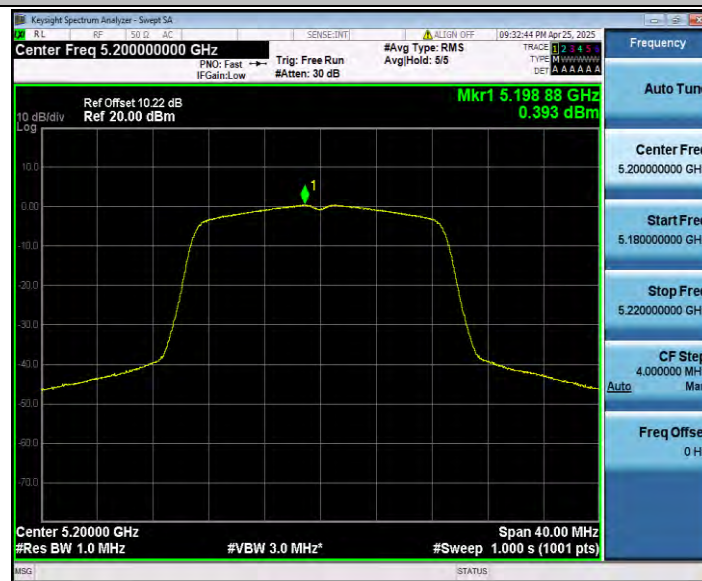
11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



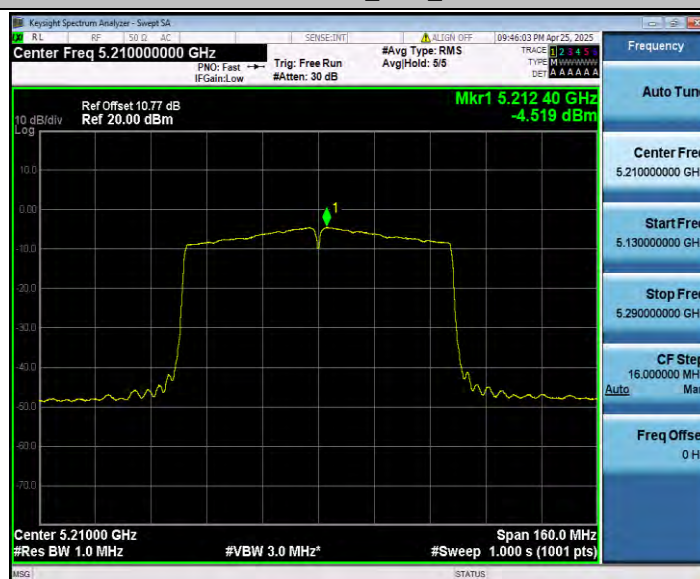
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

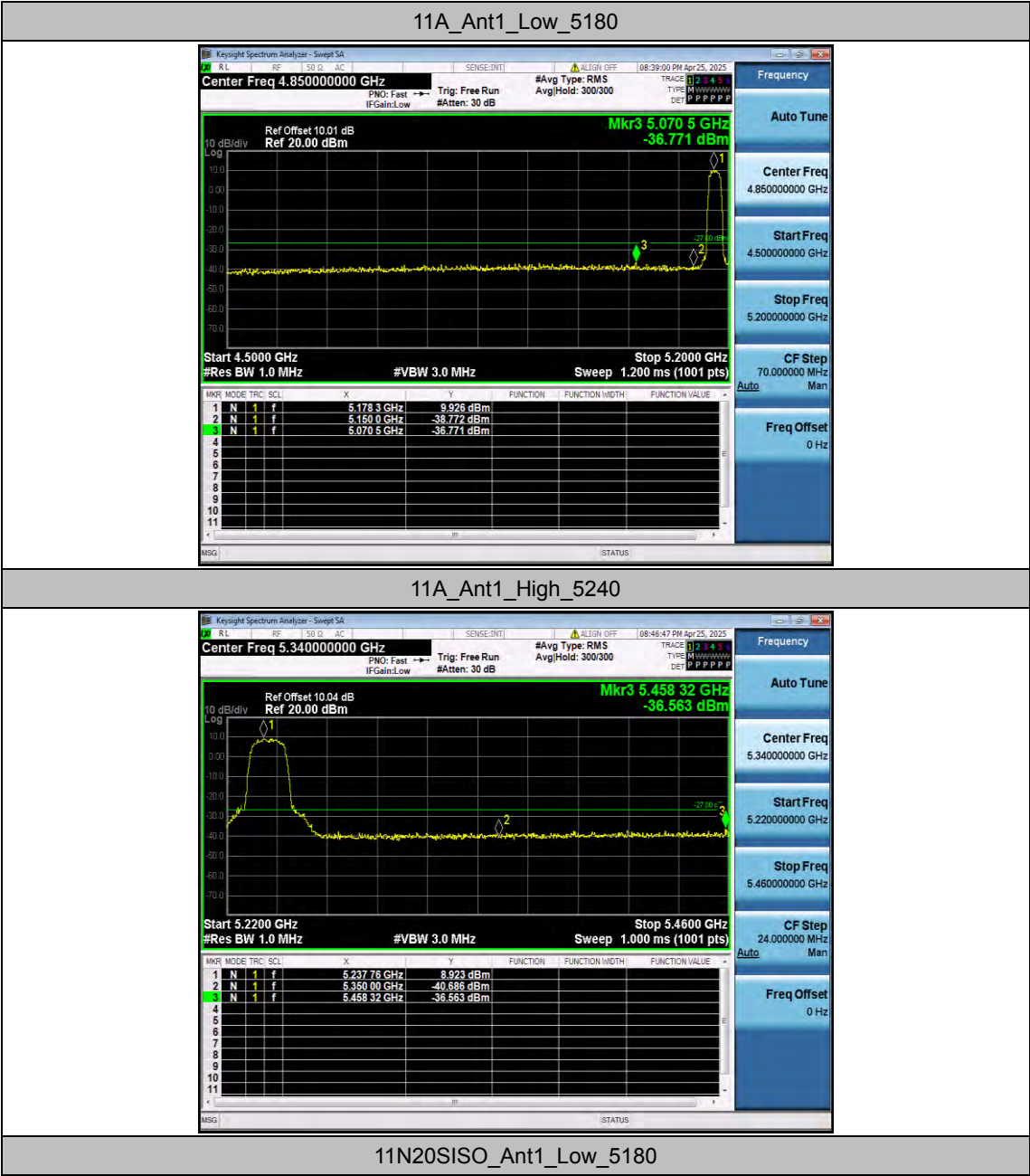


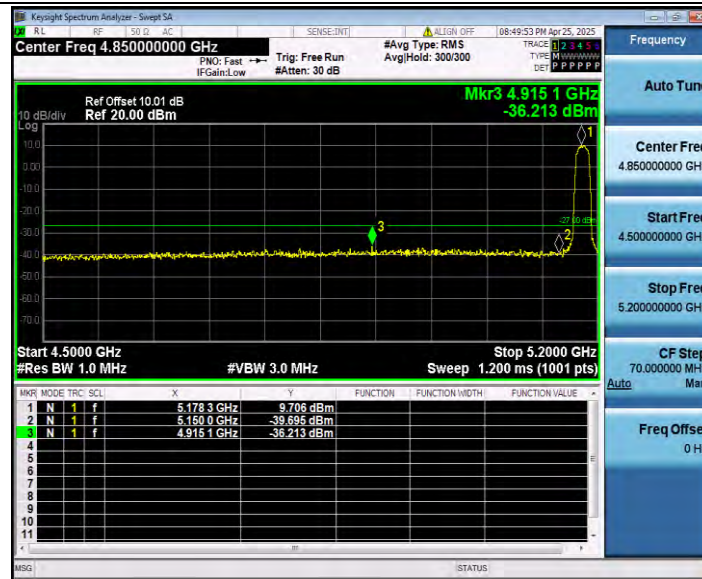
Appendix B.6: Band edge measurements

Test Result B1

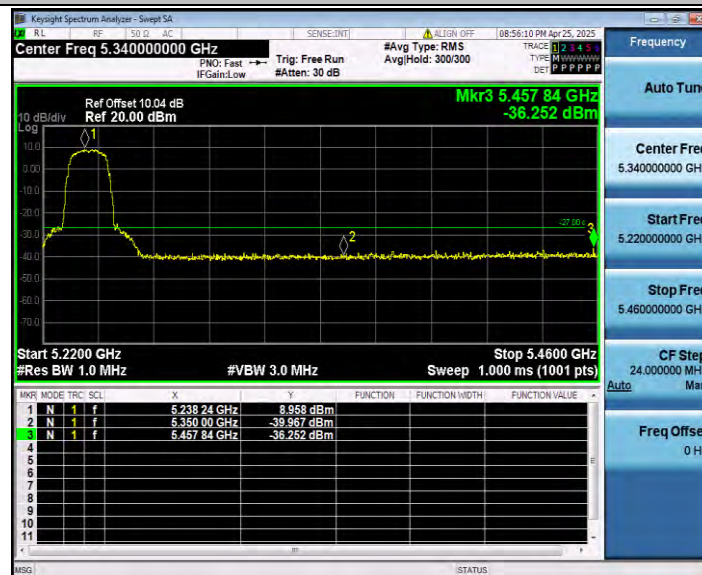
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.77	≤ -27	PASS
		High	5240	-36.56	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-36.21	≤ -27	PASS
		High	5240	-36.25	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.57	≤ -27	PASS
		High	5230	-37.68	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.46	≤ -27	PASS
		High	5240	-37.44	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-36.61	≤ -27	PASS
		High	5230	-37.24	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-36.89	≤ -27	PASS
		High	5210	-36.69	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-37.25	≤ -27	PASS
		High	5240	-37.15	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-36.63	≤ -27	PASS
		High	5230	-36.75	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-37.01	≤ -27	PASS
		High	5210	-36.86	≤ -27	PASS

Test Graphs B1

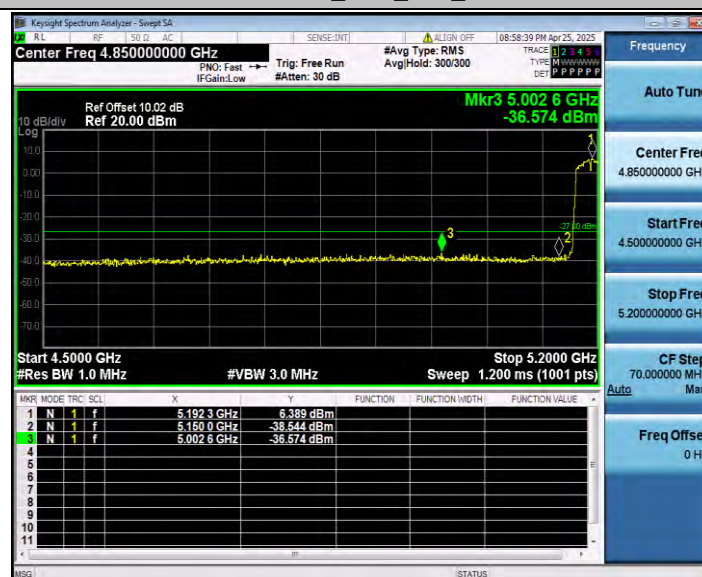




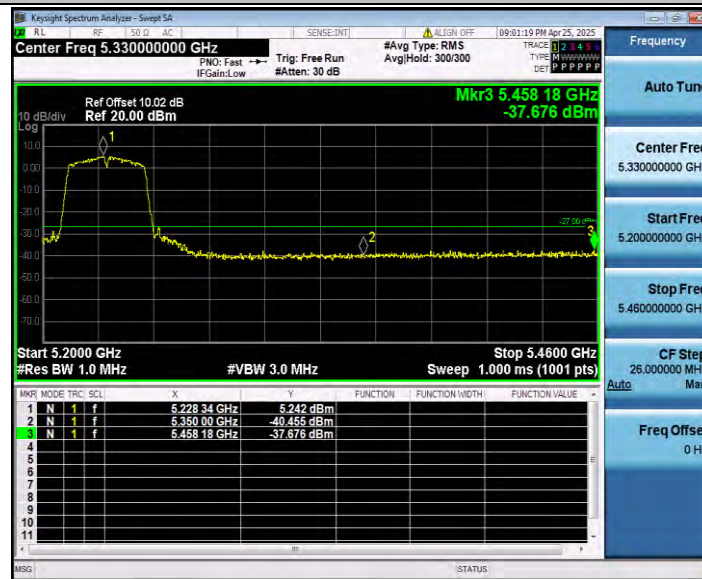
11N20SISO_Ant1_High_5240



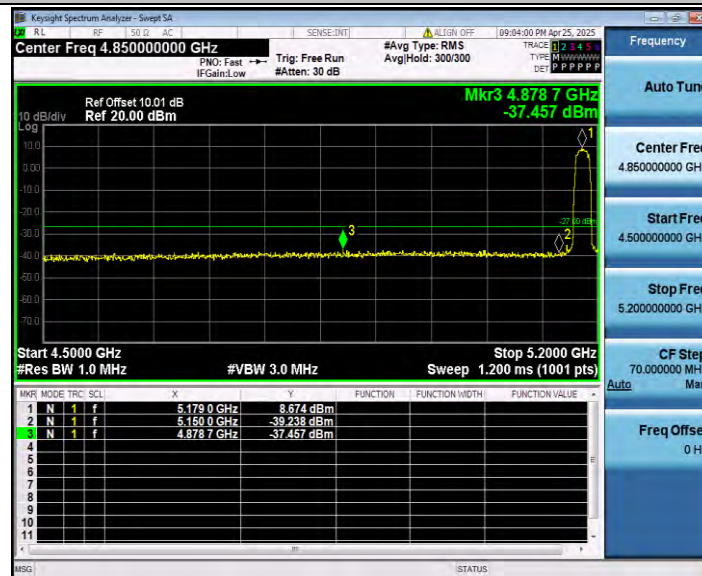
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



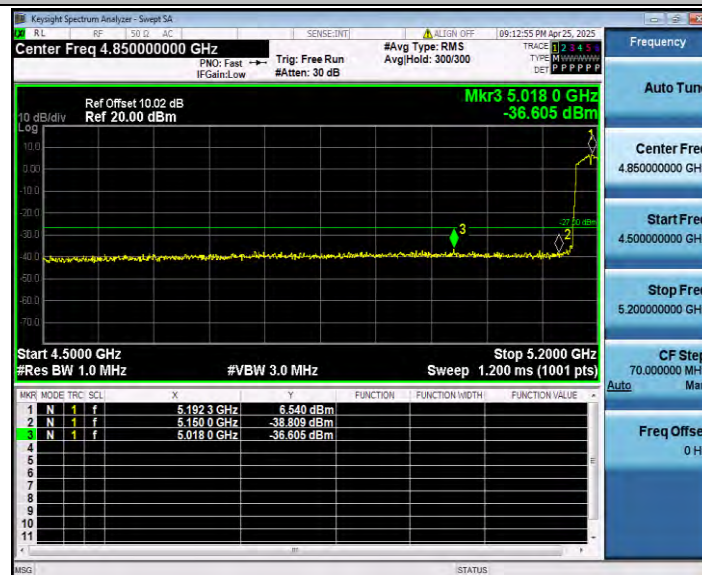
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



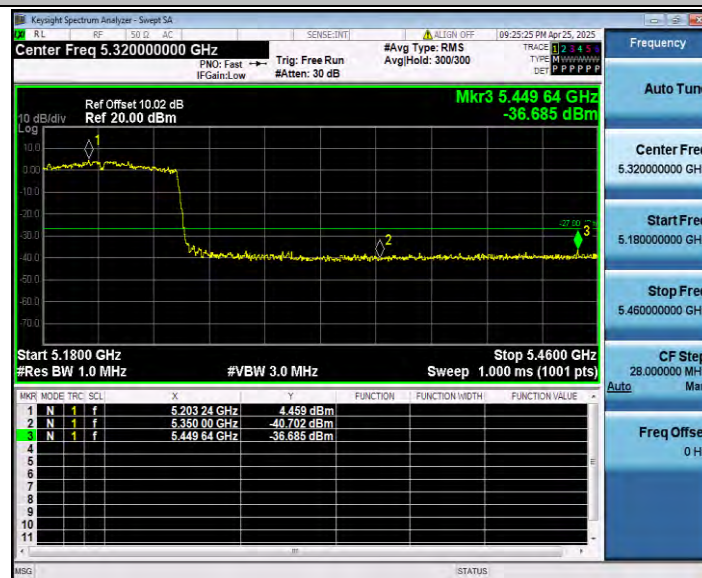
11AC40SISO_Ant1_High_5230



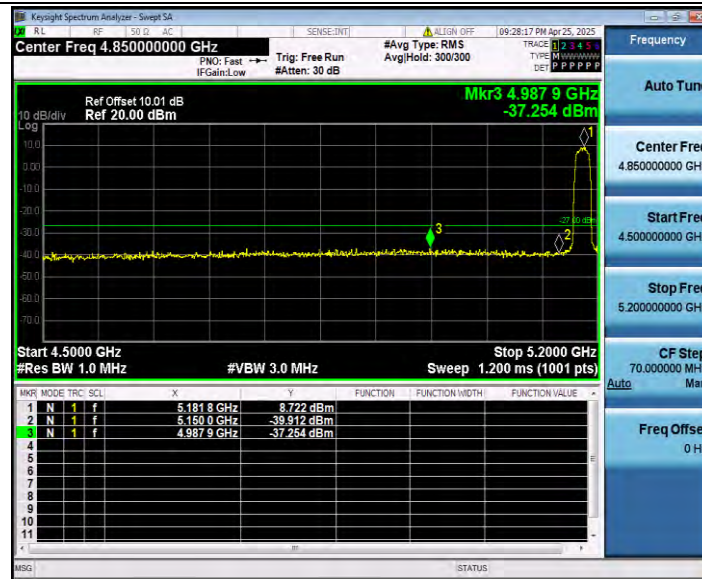
11AC80SISO_Ant1_Low_5210



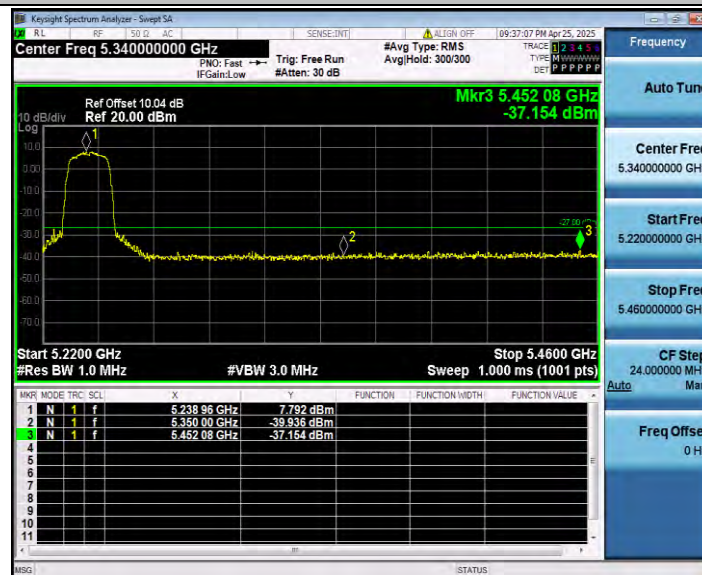
11AC80SISO_Ant1_High_5210



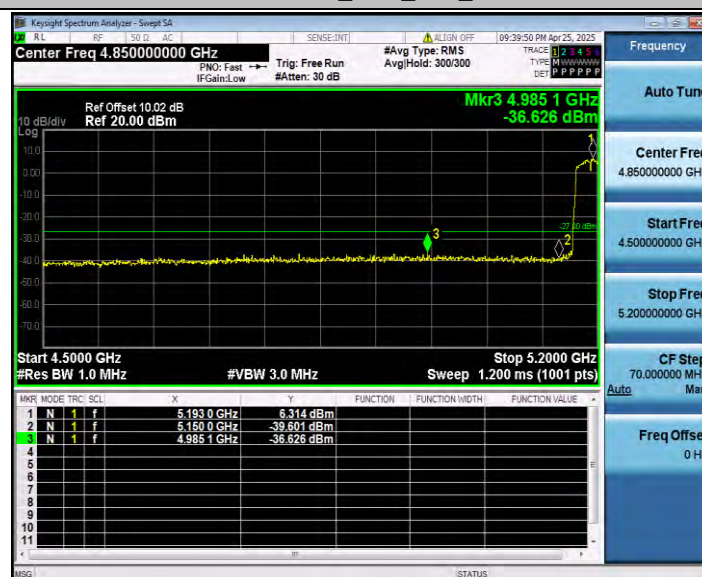
11AX20SISO_Ant1_Low_5180



11AX20SISO_Ant1_High_5240



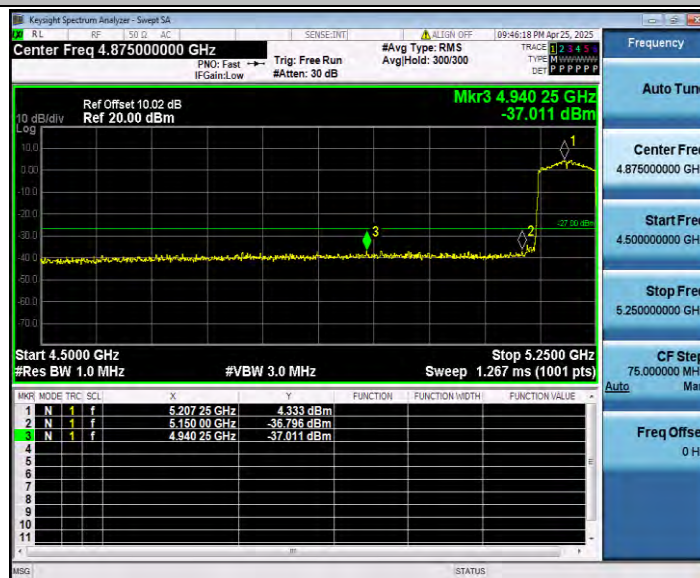
11AX40SISO_Ant1_Low_5190



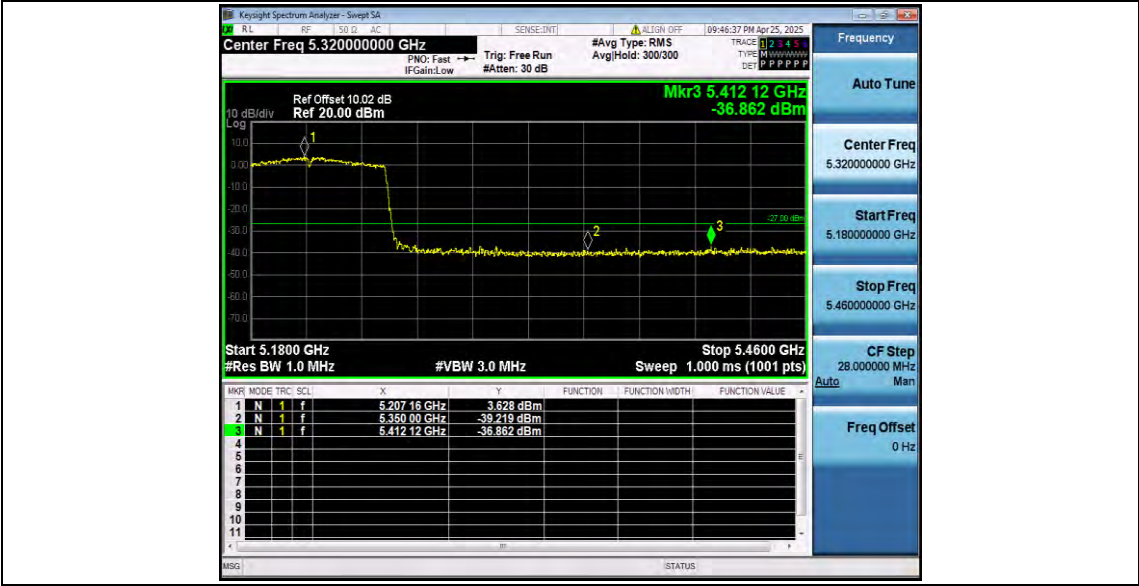
11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



11AX80SISO_Ant1_High_5210



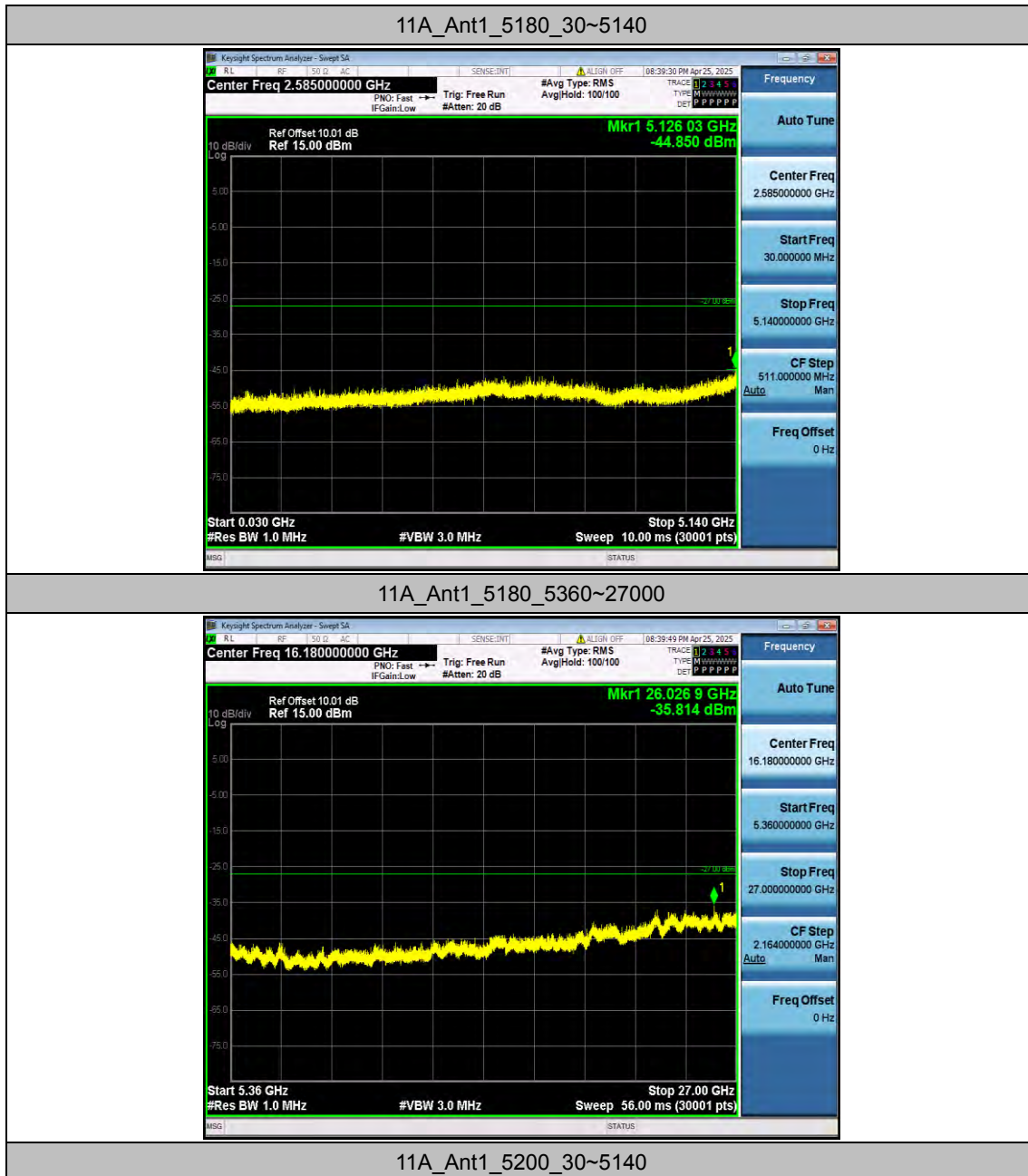
Appendix B.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5126.03	-44.85	≤-27	PASS
			5360~27000	26026.92	-35.81	≤-27	PASS
		5200	30~5140	5083.28	-45.09	≤-27	PASS
			5360~27000	25652.55	-37.07	≤-27	PASS
		5240	30~5140	5003.05	-46.49	≤-27	PASS
			5360~27000	24182.47	-36.84	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5135.91	-44.86	≤-27	PASS
			5360~27000	24817.25	-37.19	≤-27	PASS
		5200	30~5140	5018.55	-45.65	≤-27	PASS
			5360~27000	23622.72	-37.35	≤-27	PASS
		5240	30~5140	5104.4	-45.78	≤-27	PASS
			5360~27000	26515.26	-36.91	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5129.61	-44.24	≤-27	PASS
			5360~27000	24235.13	-36.54	≤-27	PASS
		5230	30~5140	5096.91	-46.13	≤-27	PASS
			5360~27000	26989.18	-36.45	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5021.96	-45.11	≤-27	PASS
			5360~27000	26052.17	-36.74	≤-27	PASS
		5200	30~5140	4929.81	-45.97	≤-27	PASS
			5360~27000	24276.25	-37.23	≤-27	PASS
		5240	30~5140	4972.56	-45.64	≤-27	PASS
			5360~27000	24277.69	-36.75	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5137.79	-45.28	≤-27	PASS
			5360~27000	26544.12	-36.65	≤-27	PASS
		5230	30~5140	5117.86	-45.25	≤-27	PASS
			5360~27000	23522.45	-36.54	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5133.36	-42.78	≤-27	PASS
			5360~27000	24980.99	-36.77	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	4989.43	-44.79	≤-27	PASS
			5360~27000	24165.88	-37.32	≤-27	PASS
		5200	30~5140	5034.05	-46.1	≤-27	PASS
			5360~27000	25656.16	-36.74	≤-27	PASS
		5240	30~5140	5131.82	-45.55	≤-27	PASS
			5360~27000	24339.72	-37.25	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5138.13	-44.8	≤-27	PASS
			5360~27000	24784.79	-36.03	≤-27	PASS

		5230	30~5140	5116.66	-45.97	≤ -27	PASS
			5360~27000	25560.94	-36.75	≤ -27	PASS
11AX80SISO	Ant1	5210	30~5140	5139.32	-42.83	≤ -27	PASS
			5360~27000	23585.21	-36.29	≤ -27	PASS

Test Graphs





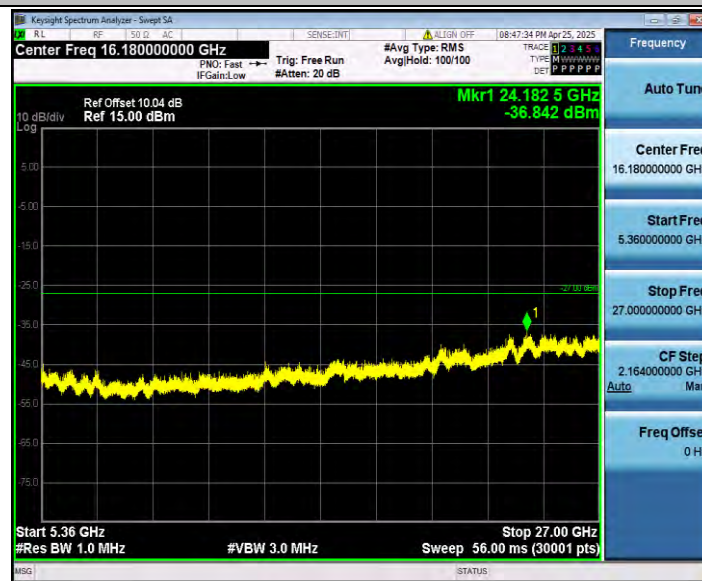
11A_Ant1_5200_5360~27000



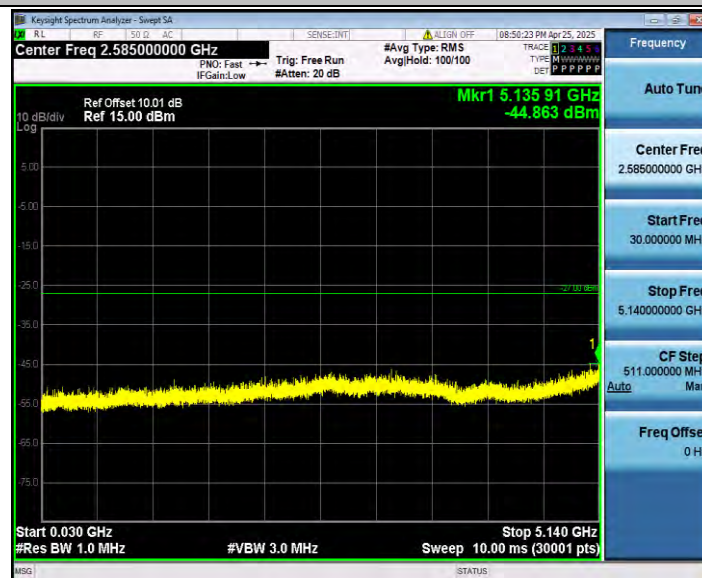
11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



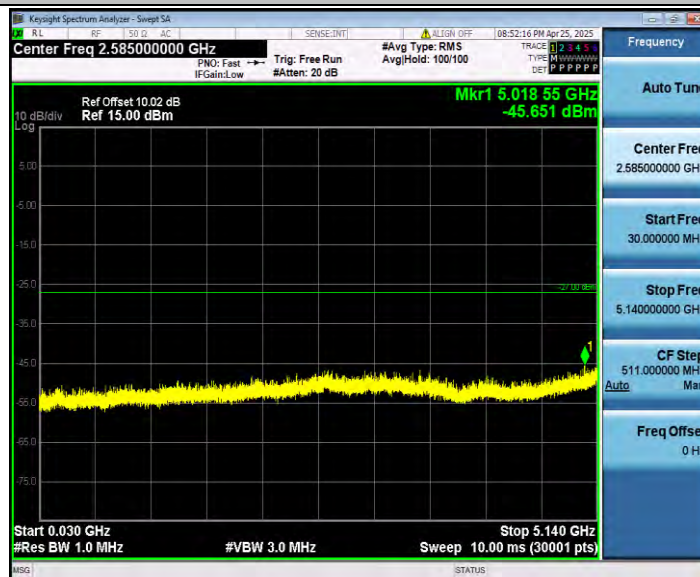
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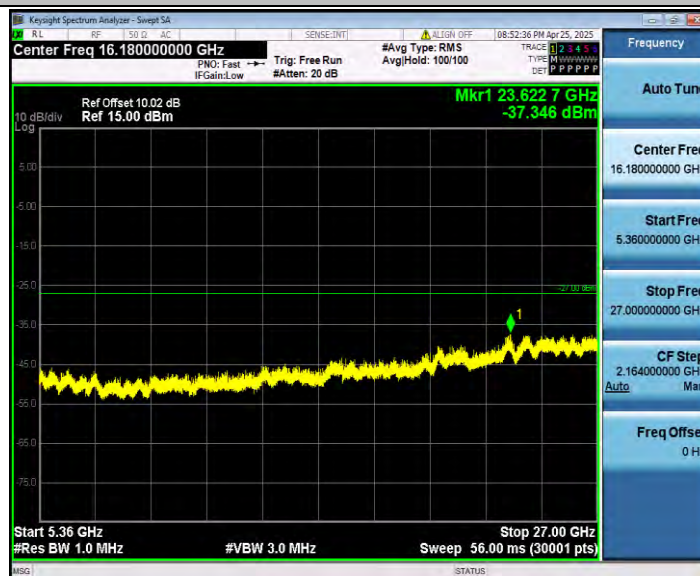
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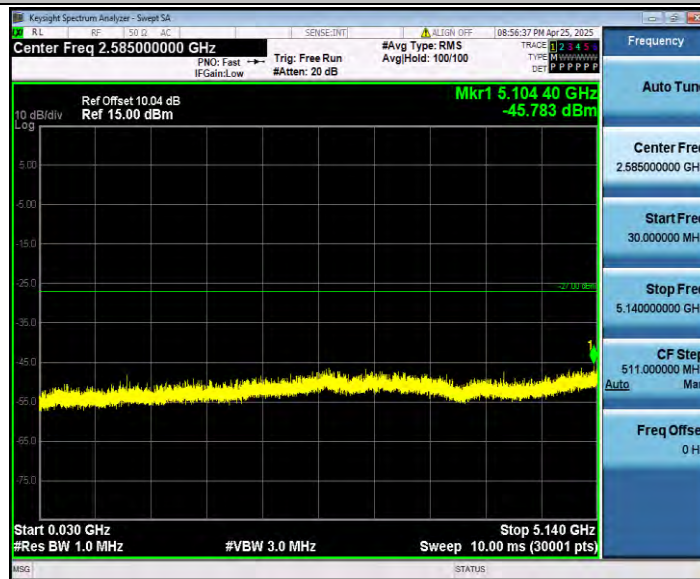
11N20SISO_Ant1_5200_30~5140



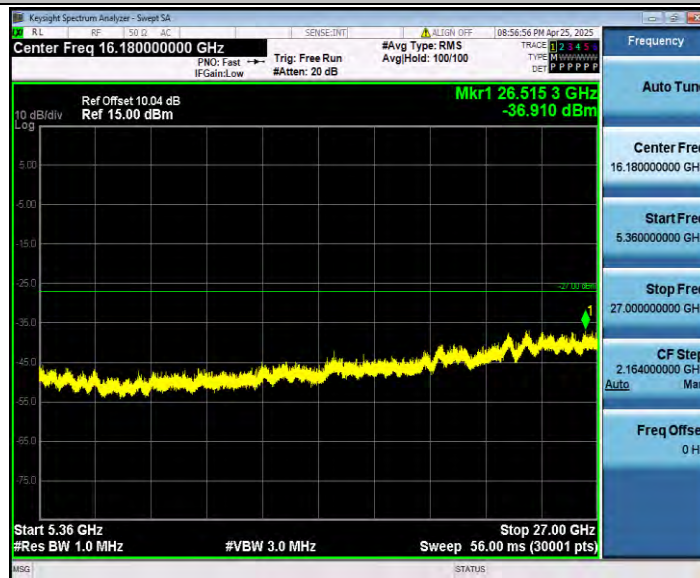
11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



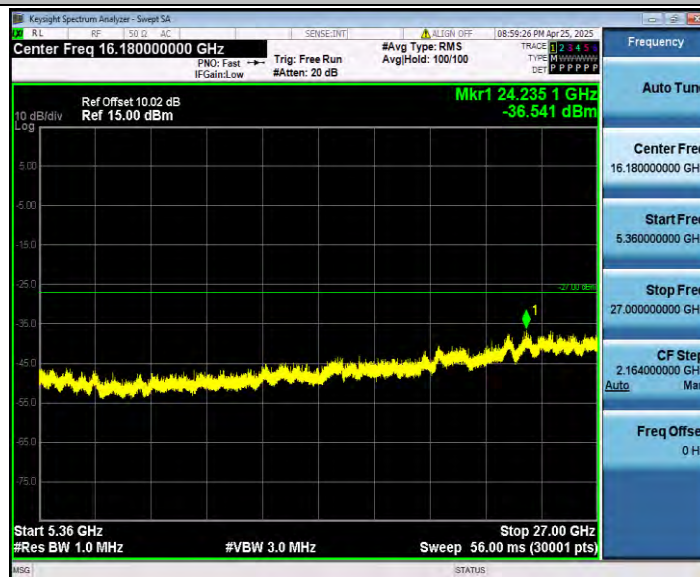
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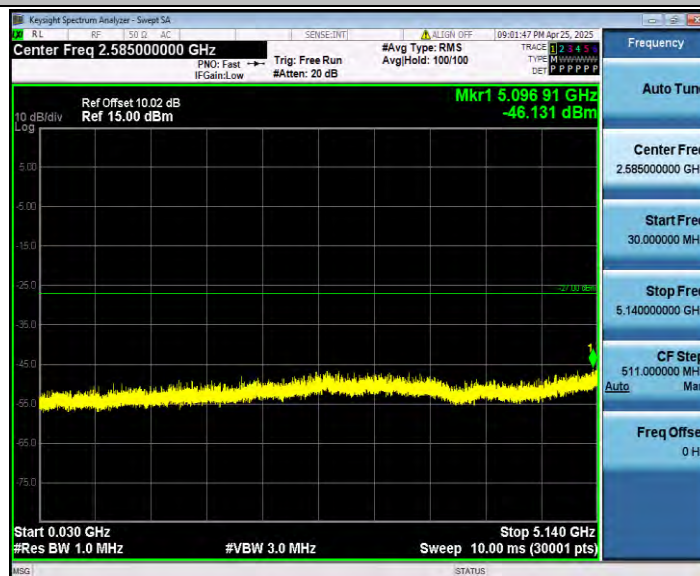
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



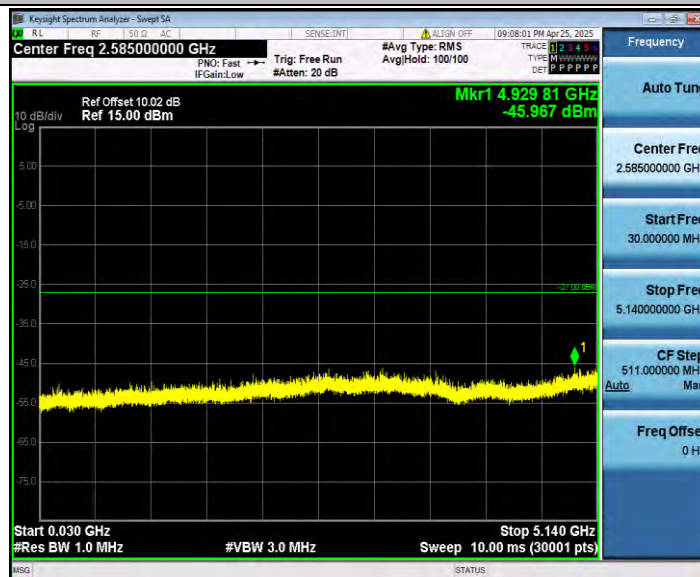
11AC20SISO_Ant1_5180_30~5140



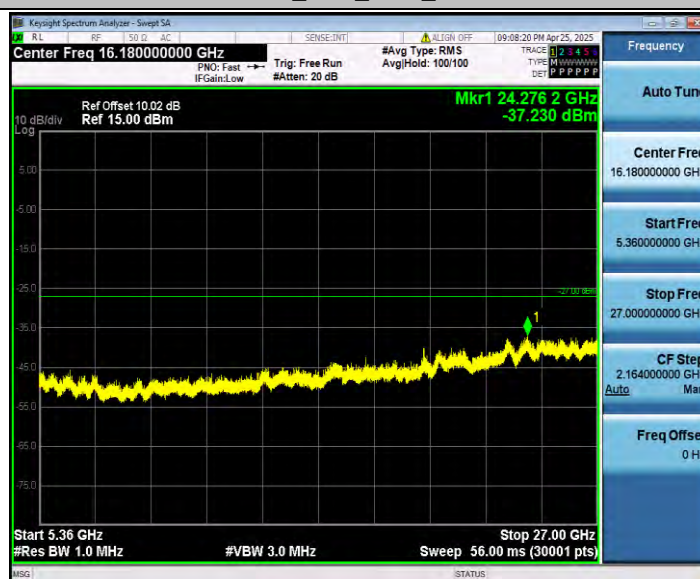
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11AC20SISO_Ant1_5200_30~5140



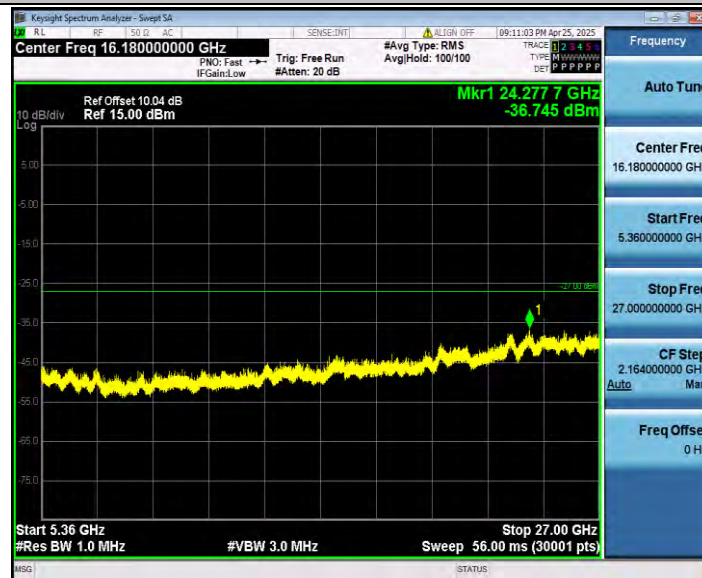
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11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



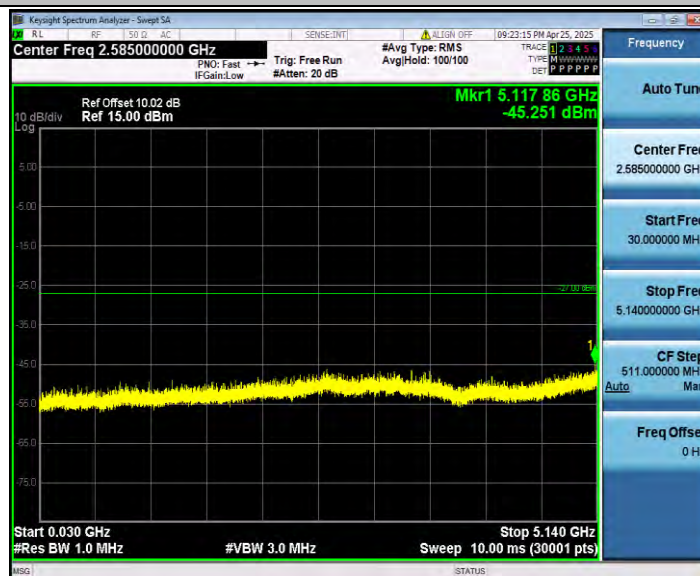
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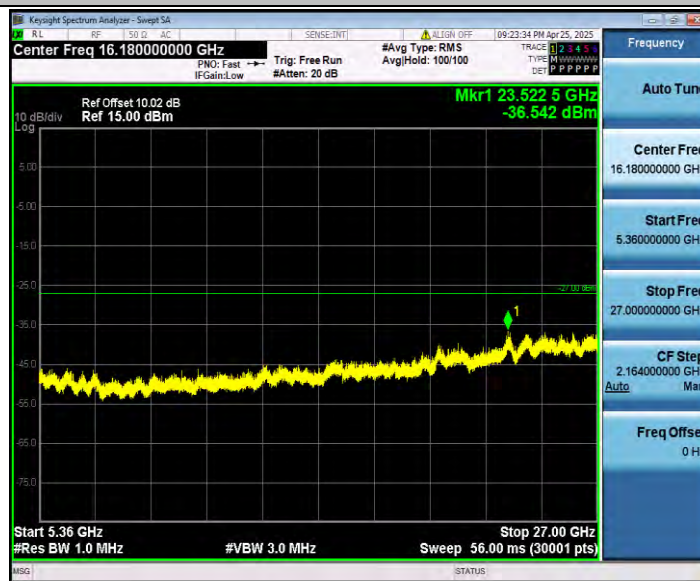
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11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



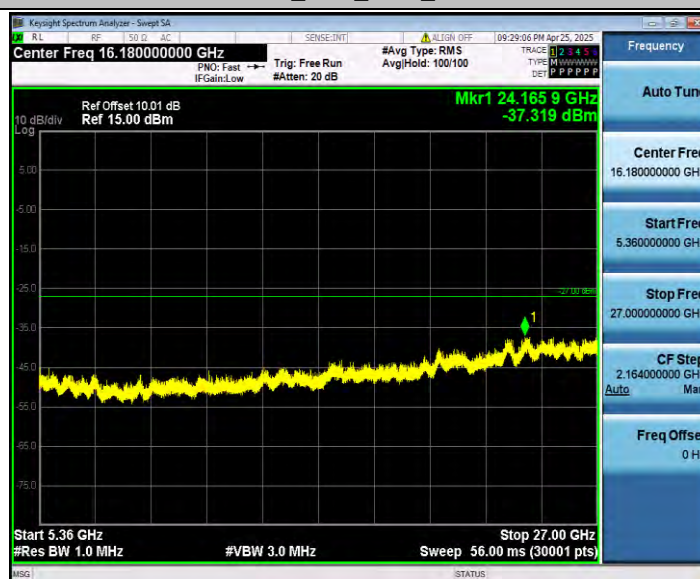
11AC80SISO_Ant1_5210_5360~27000



11AX20SISO_Ant1_5180_30~5140



11AX20SISO_Ant1_5180_5360~27000



11AX20SISO_Ant1_5200_30~5140



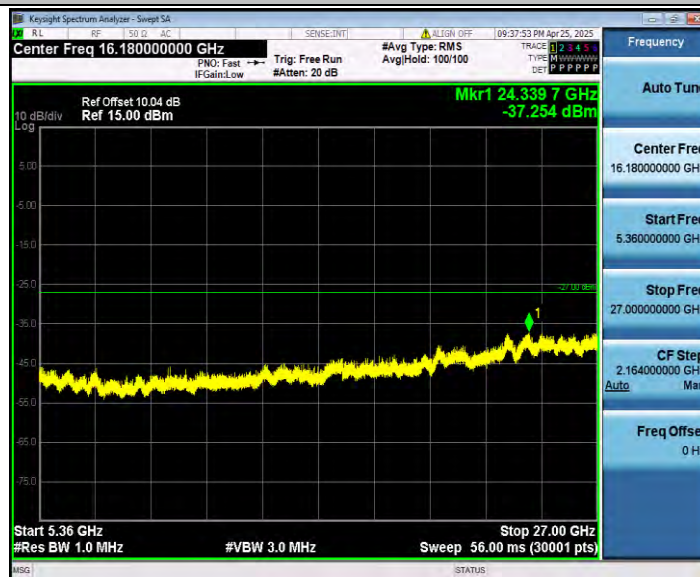
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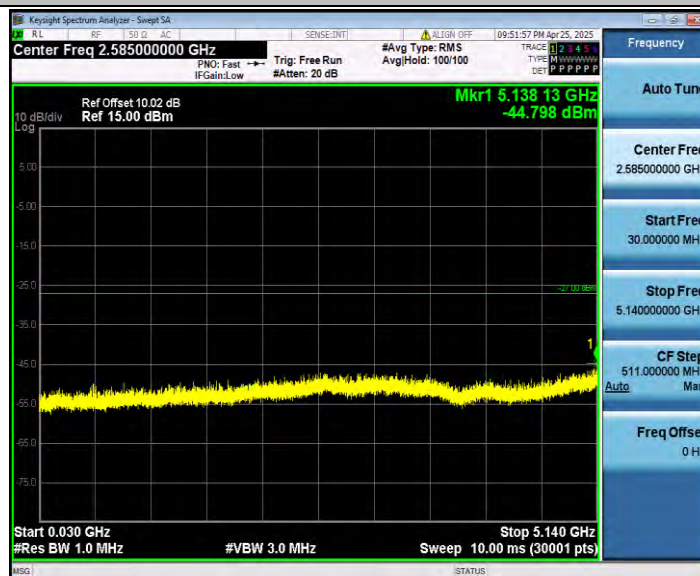
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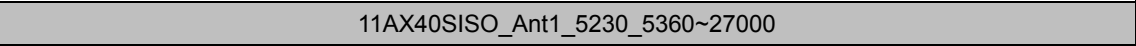
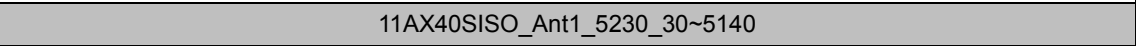


11AX20SISO_Ant1_5240_5360~27000



11AX40SISO_Ant1_5190_30~5140







11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~27000

