

Appendix F.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	5500	11.71	40.00	3.98	15.69	≤23.98	PASS
		5580	9.95	43.75	3.59	13.54	≤23.75	PASS
		5700	10.13	43.75	3.59	13.72	≤23.81	PASS
11N20SISO	Ant1	5500	12.00	47.06	3.27	15.27	≤23.87	PASS
		5580	10.84	41.18	3.85	14.69	≤23.87	PASS
		5700	10.96	47.06	3.27	14.23	≤23.83	PASS
11N40SISO	Ant1	5510	10.30	35.71	4.47	14.77	≤23.98	PASS
		5590	9.34	35.71	4.47	13.81	≤23.98	PASS
		5670	9.54	35.71	4.47	14.01	≤23.98	PASS
11AC20SISO	Ant1	5500	11.56	50.00	3.01	14.57	≤23.84	PASS
		5580	10.27	47.37	3.24	13.51	≤23.85	PASS
		5700	10.45	44.44	3.52	13.97	≤23.93	PASS
11AC40SISO	Ant1	5510	10.90	40.00	3.98	14.88	≤23.98	PASS
		5590	9.88	46.67	3.31	13.19	≤23.98	PASS
		5670	10.00	40.00	3.98	13.98	≤23.98	PASS
11AC80SISO	Ant1	5530	9.78	35.71	4.47	14.25	≤23.98	PASS
		5610	9.49	35.71	4.47	13.96	≤23.98	PASS
11AX20SISO	Ant1	5500	11.88	47.06	3.27	15.15	≤23.98	PASS
		5580	10.48	47.06	3.27	13.75	≤23.98	PASS
		5700	10.54	50.00	3.01	13.55	≤23.98	PASS
11AX40SISO	Ant1	5510	11.30	44.44	3.52	14.82	≤23.98	PASS
		5590	10.09	50.00	3.01	13.10	≤23.98	PASS
		5670	10.24	47.06	3.27	13.51	≤23.98	PASS
11AX80SISO	Ant1	5530	10.26	43.75	3.59	13.85	≤23.98	PASS
		5610	10.00	43.75	3.59	13.59	≤23.98	PASS

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	4.37	≤11.00	PASS
		5580	2.55	≤11.00	PASS
		5700	2.72	≤11.00	PASS
11N20SISO	Ant1	5500	3.90	≤11.00	PASS
		5580	3.53	≤11.00	PASS
		5700	3.00	≤11.00	PASS
11N40SISO	Ant1	5510	1.21	≤11.00	PASS
		5590	0.29	≤11.00	PASS
		5670	0.38	≤11.00	PASS
11AC20SISO	Ant1	5500	3.18	≤11.00	PASS
		5580	2.44	≤11.00	PASS
		5700	2.96	≤11.00	PASS
11AC40SISO	Ant1	5510	1.63	≤11.00	PASS
		5590	-0.15	≤11.00	PASS
		5670	0.67	≤11.00	PASS
11AC80SISO	Ant1	5530	-1.92	≤11.00	PASS
		5610	-2.44	≤11.00	PASS
11AX20SISO	Ant1	5500	3.74	≤11.00	PASS
		5580	2.53	≤11.00	PASS
		5700	2.38	≤11.00	PASS
11AX40SISO	Ant1	5510	1.12	≤11.00	PASS
		5590	-0.53	≤11.00	PASS
		5670	-0.21	≤11.00	PASS
11AX80SISO	Ant1	5530	-2.74	≤11.00	PASS
		5610	-3.41	≤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_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



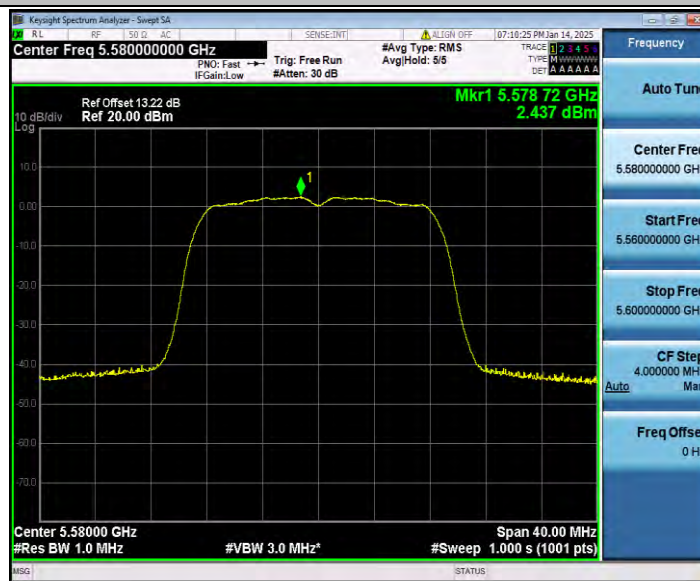
11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



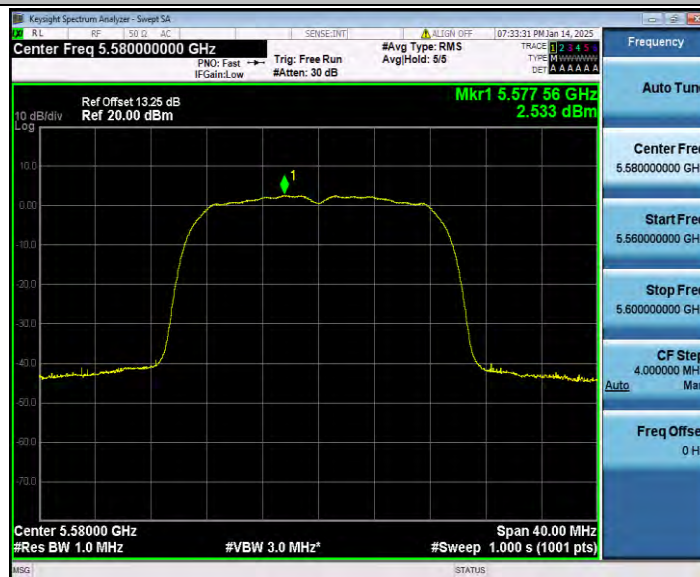
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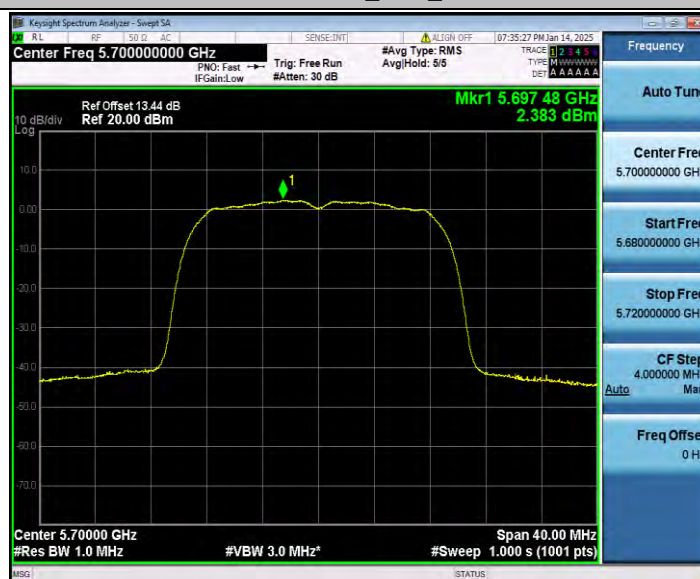
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

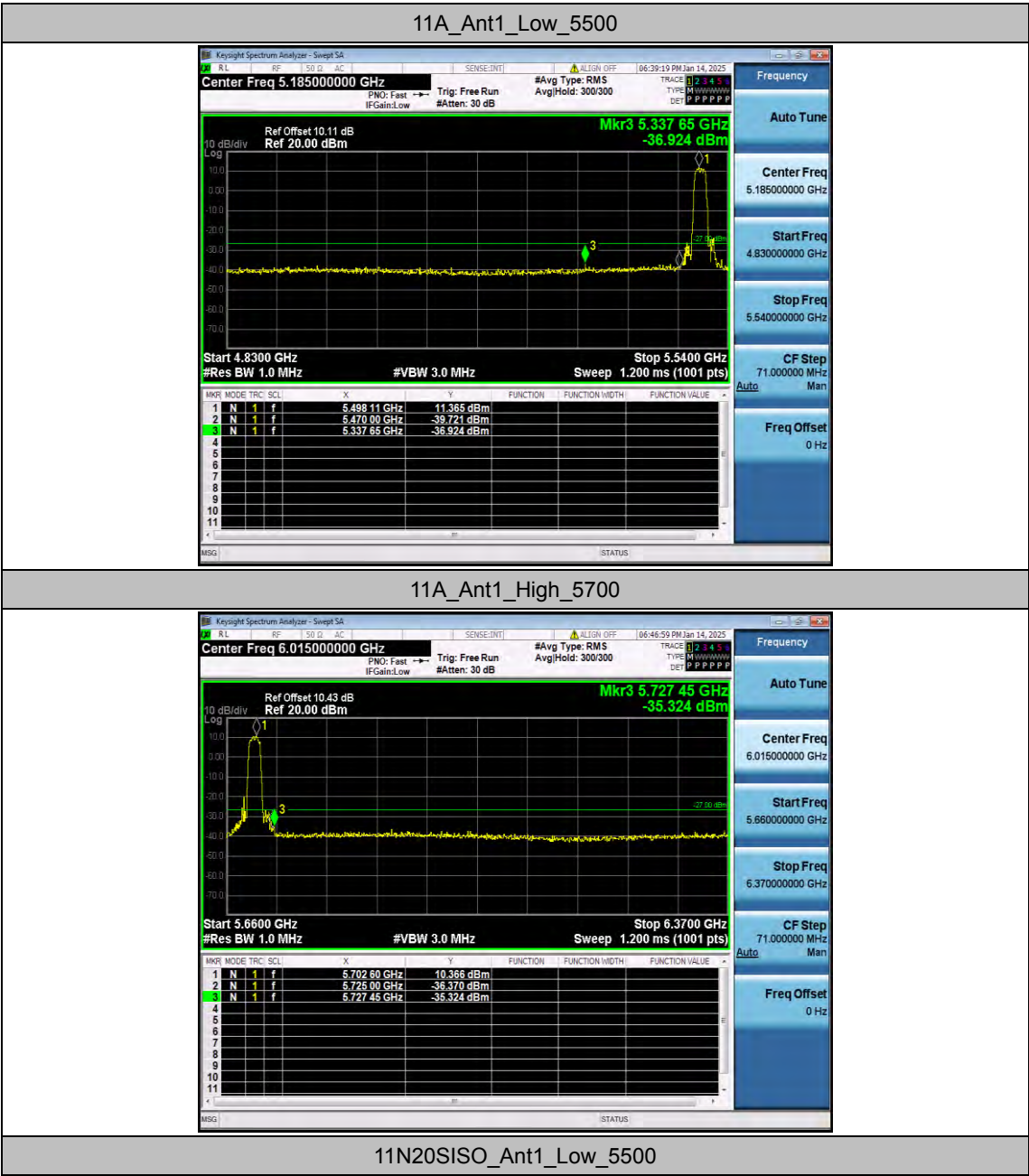


Appendix F.6: Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-36.92	≤ -27	PASS
		High	5700	-35.32	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-31.79	≤ -27	PASS
		High	5700	-31.31	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-28.89	≤ -27	PASS
		High	5670	-29.43	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-37.09	≤ -27	PASS
		High	5700	-31.75	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-31.39	≤ -27	PASS
		High	5670	-33.42	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-30.36	≤ -27	PASS
		High	5610	-36.47	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-37.46	≤ -27	PASS
		High	5700	-34.4	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-34.33	≤ -27	PASS
		High	5670	-36.73	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-30.45	≤ -27	PASS
		High	5610	-38.03	≤ -27	PASS

Test Graphs B3

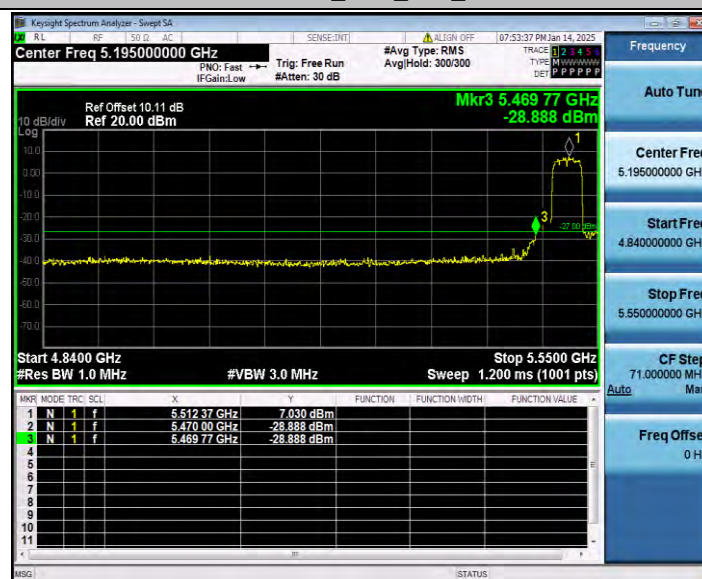




11N20SISO_Ant1_High_5700



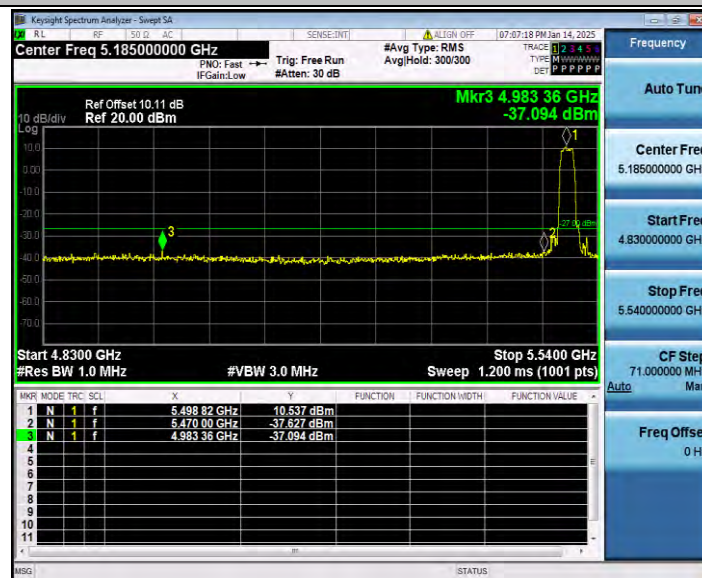
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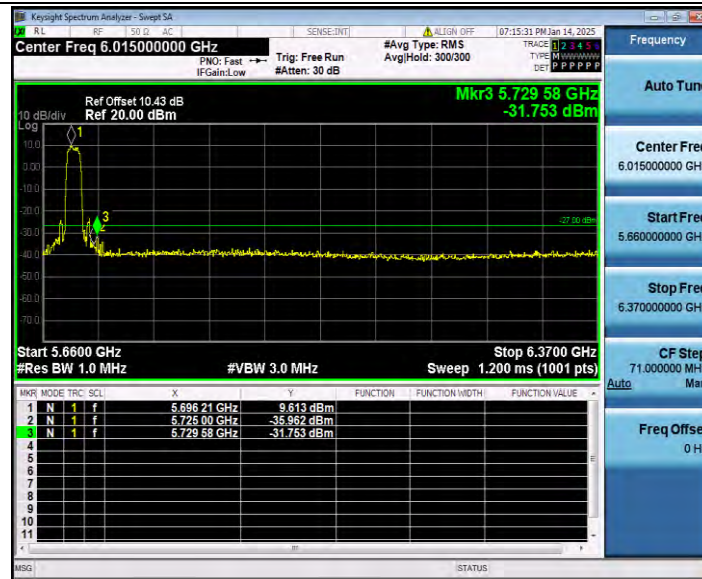
11N40SISO_Ant1_High_5670



11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



11AC40SISO_Ant1_Low_5510



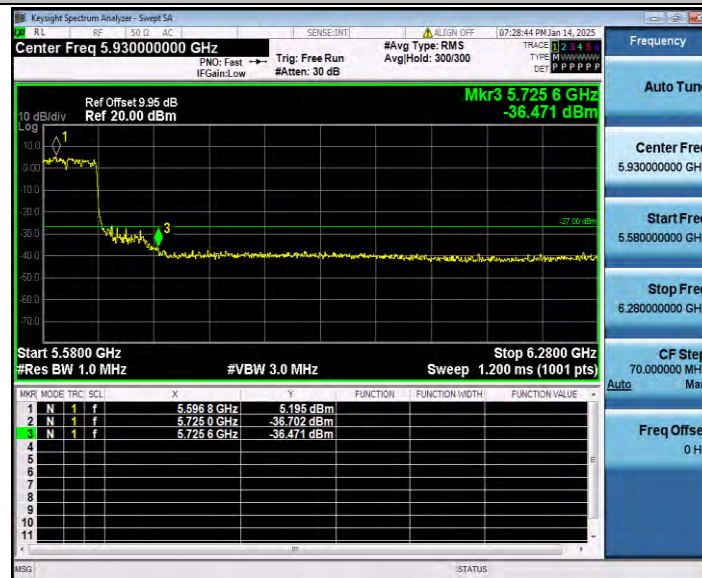
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



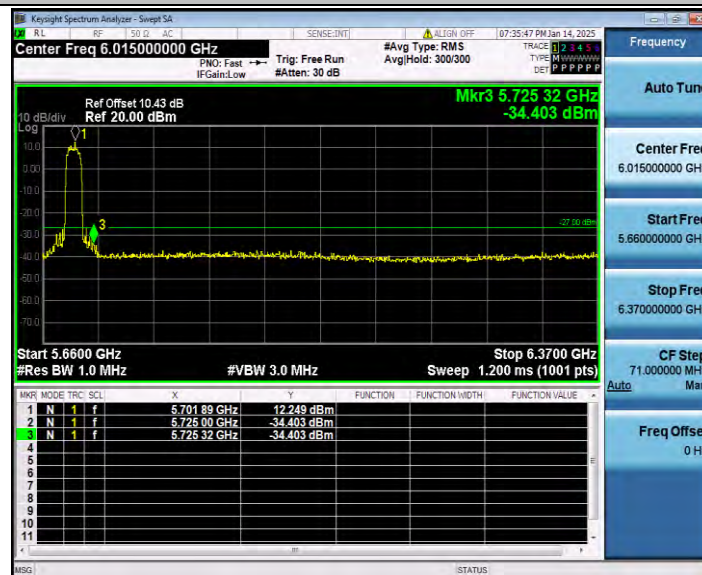
11AC80SISO_Ant1_High_5610



11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



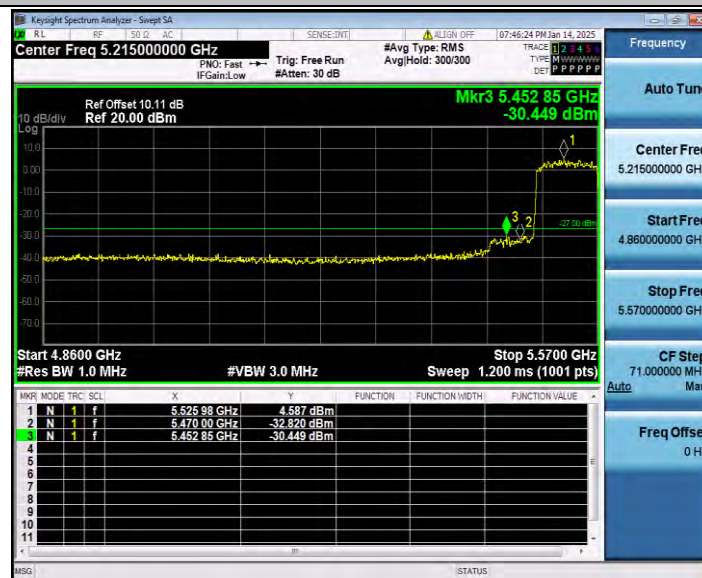
11AX40SISO_Ant1_Low_5510



11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610

Appendix F.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5423.08	-43.01	≤-27	PASS
			5735~27000	24331.24	-37.35	≤-27	PASS
		5580	30~5460	5417.47	-44.87	≤-27	PASS
			5735~27000	24261.07	-37.09	≤-27	PASS
		5700	30~5460	2689.98	-45.38	≤-27	PASS
			5735~27000	23526.01	-36.41	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5459.64	-40.99	≤-27	PASS
			5735~27000	26737.02	-36.99	≤-27	PASS
		5580	30~5460	5425.07	-44.76	≤-27	PASS
			5735~27000	24257.52	-37.89	≤-27	PASS
		5700	30~5460	5378.37	-45.56	≤-27	PASS
			5735~27000	5737.13	-33.12	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5458.73	-32.91	≤-27	PASS
			5735~27000	25196.73	-37.33	≤-27	PASS
		5590	30~5460	5434.66	-43.47	≤-27	PASS
			5735~27000	24241.22	-36.68	≤-27	PASS
		5670	30~5460	4913.02	-45.91	≤-27	PASS
			5735~27000	5741.38	-32.39	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5416.38	-43.5	≤-27	PASS
			5735~27000	23508.29	-37.09	≤-27	PASS
		5580	30~5460	5454.57	-45.14	≤-27	PASS
			5735~27000	26809.32	-37.09	≤-27	PASS
		5700	30~5460	5402.99	-45.91	≤-27	PASS
			5735~27000	26824.21	-37.17	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	1748.96	-38	≤-27	PASS
			5735~27000	26593.13	-37.24	≤-27	PASS
		5590	30~5460	5428.33	-45.09	≤-27	PASS
			5735~27000	26507.36	-37.42	≤-27	PASS
		5670	30~5460	4944.33	-45.96	≤-27	PASS
			5735~27000	5742.09	-36.84	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5434.12	-31.1	≤-27	PASS
			5735~27000	25192.48	-37.65	≤-27	PASS
		5610	30~5460	5435.38	-43.15	≤-27	PASS
			5735~27000	25982.82	-37.76	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5421.27	-43.09	≤-27	PASS
			5735~27000	24266.03	-37.23	≤-27	PASS

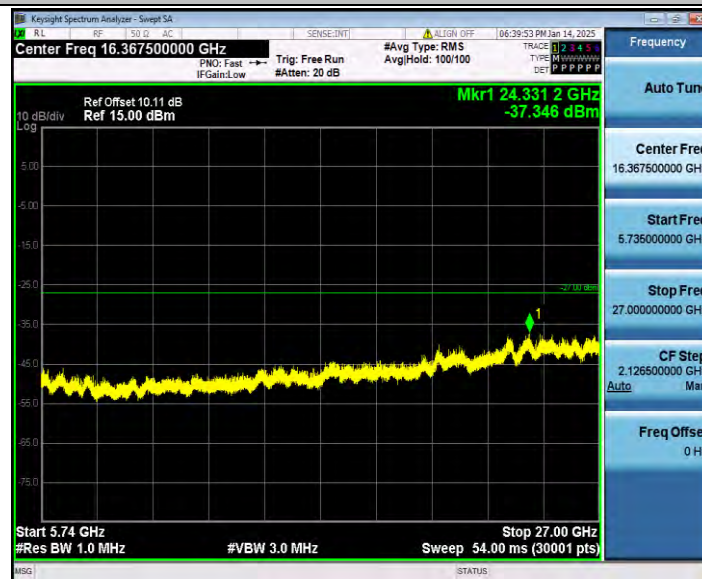
		5580	30~5460	5419.46	-44.66	≤ -27	PASS
			5735~27000	23620.28	-37.46	≤ -27	PASS
		5700	30~5460	2572.51	-45.82	≤ -27	PASS
			5735~27000	24897.6	-36.58	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5459.82	-38.22	≤ -27	PASS
			5735~27000	26829.88	-37.04	≤ -27	PASS
		5590	30~5460	5426.88	-44.45	≤ -27	PASS
			5735~27000	24268.87	-37.04	≤ -27	PASS
		5670	30~5460	5444.98	-45.31	≤ -27	PASS
			5735~27000	23506.16	-36.78	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5452.94	-31.52	≤ -27	PASS
			5735~27000	24222.79	-36.9	≤ -27	PASS
		5610	30~5460	5457.47	-42.68	≤ -27	PASS
			5735~27000	26072.85	-37.15	≤ -27	PASS

Test Graphs

11A_Ant1_5500_30~5460



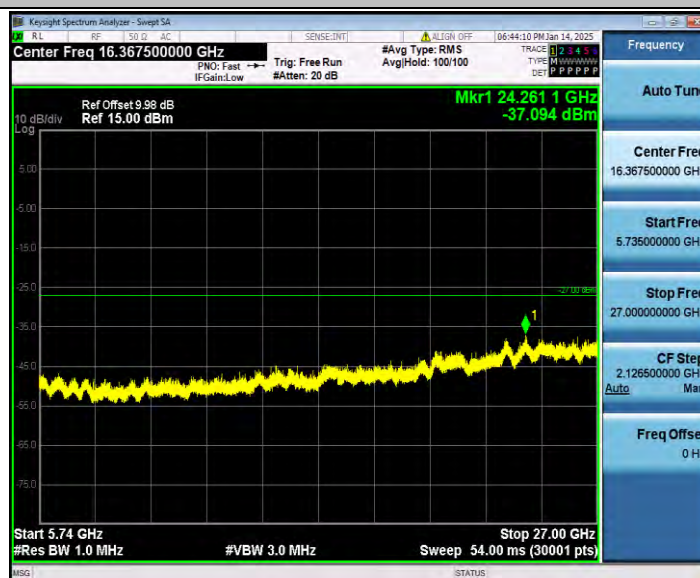
11A_Ant1_5500_5735~27000



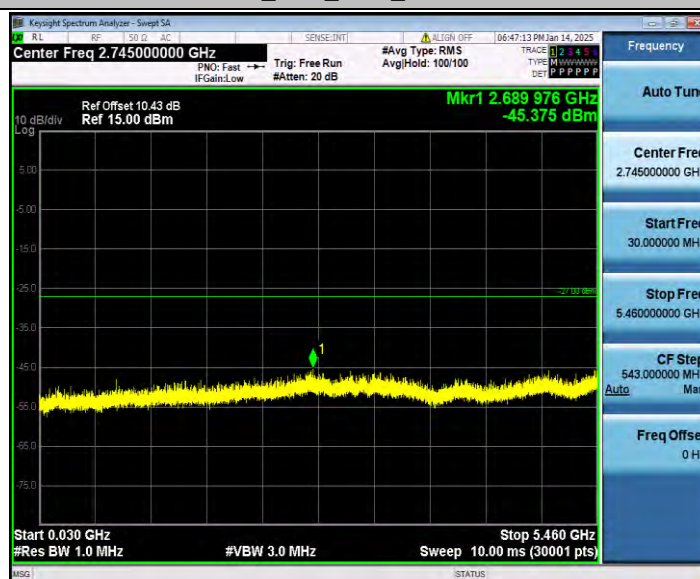
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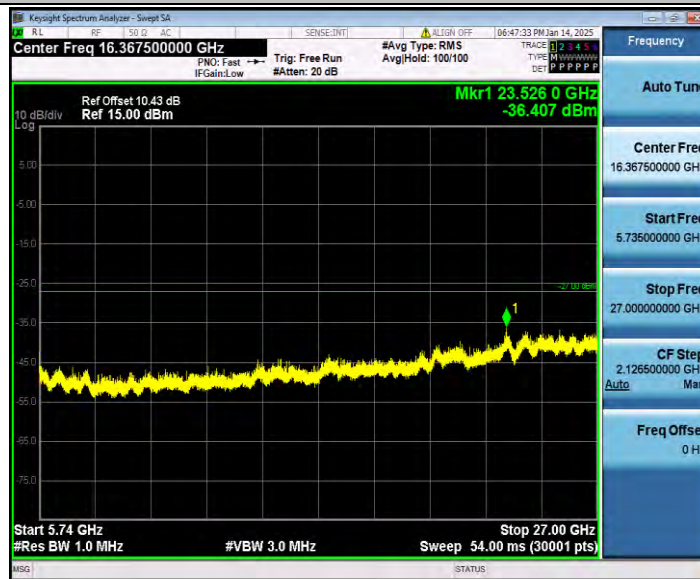
11A_Ant1_5580_5735~27000



11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~27000



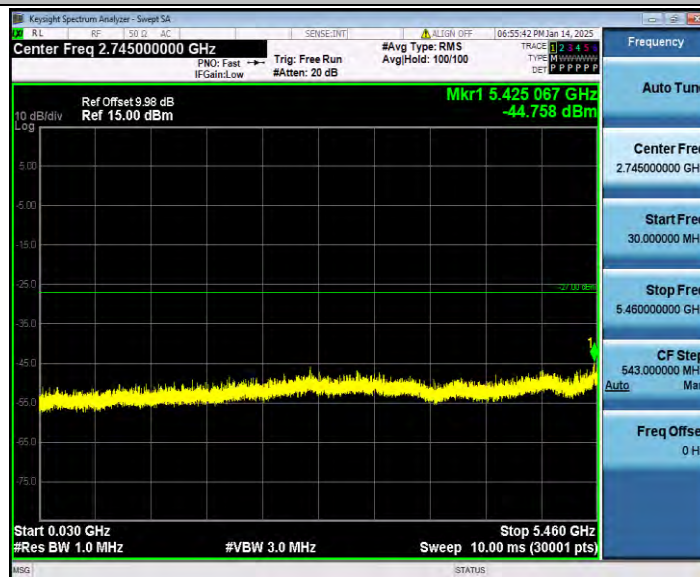
11N20SISO_Ant1_5500_30~5460



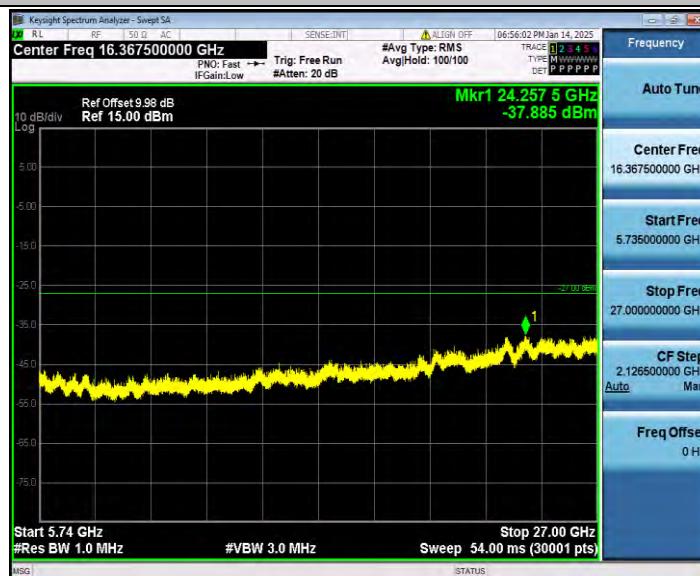
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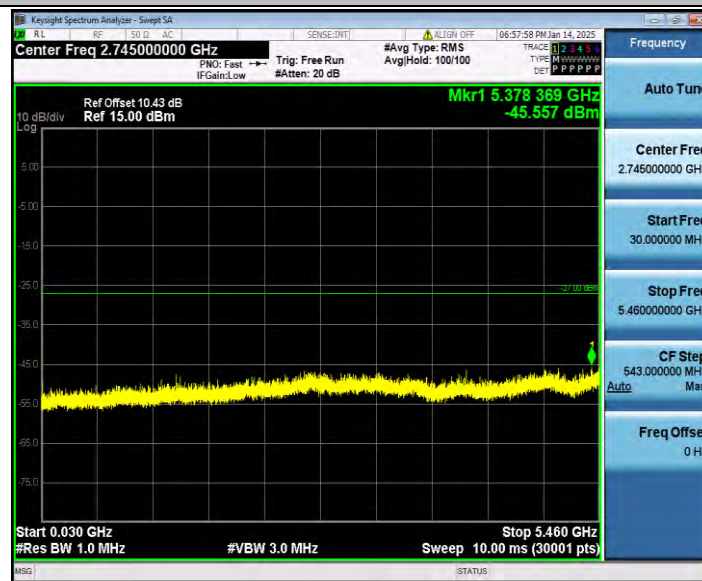
11N20SISO_Ant1_5580_30~5460



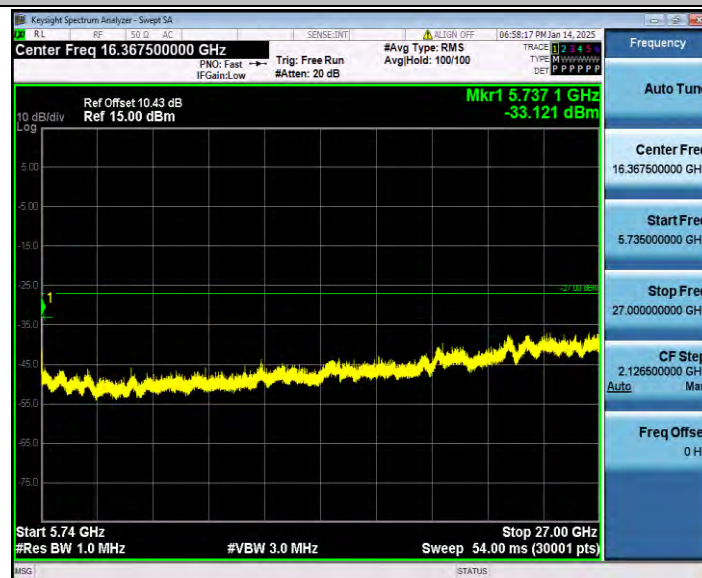
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11N20SISO_Ant1_5700_30~5460



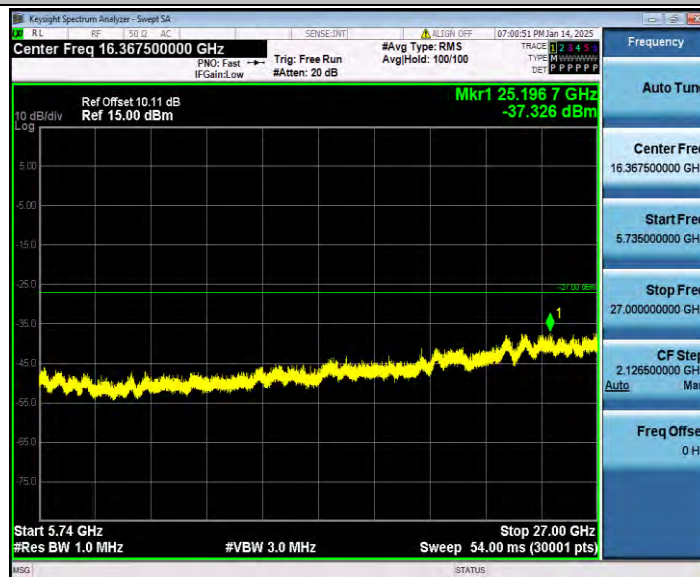
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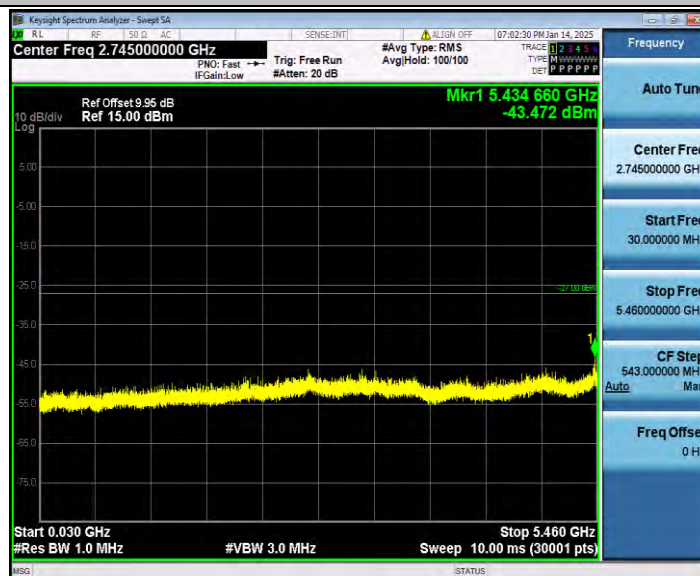
11N40SISO_Ant1_5510_30~5460



11N40SISO_Ant1_5510_5735~27000



11N40SISO_Ant1_5590_30~5460



11N40SISO_Ant1_5590_5735~27000



11N40SISO_Ant1_5670_30~5460



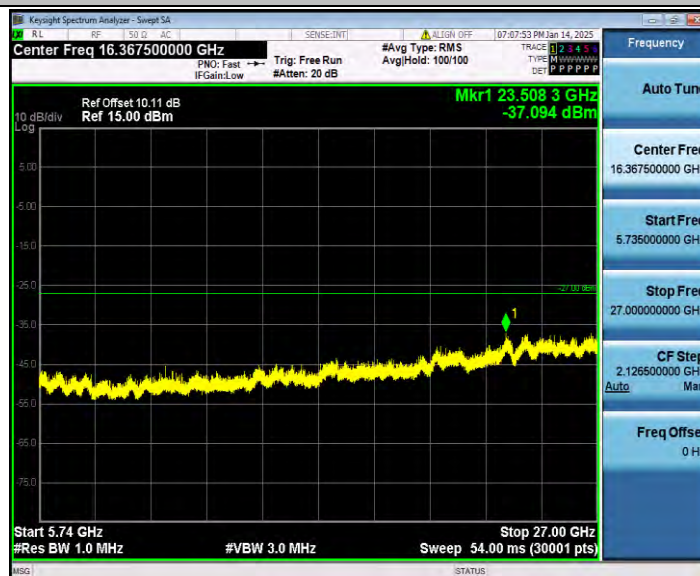
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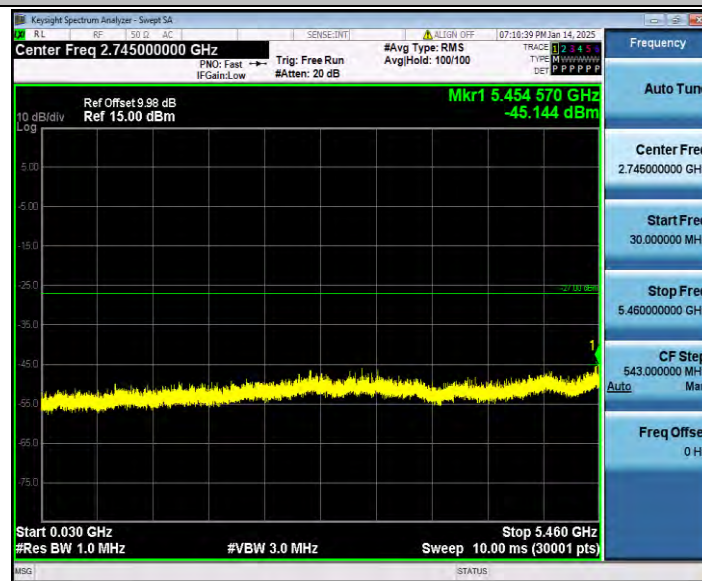
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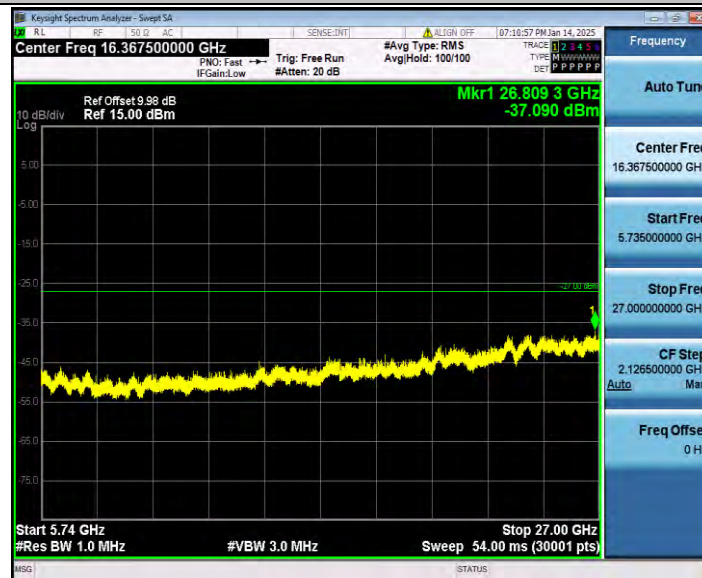
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11AC20SISO_Ant1_5580_30~5460



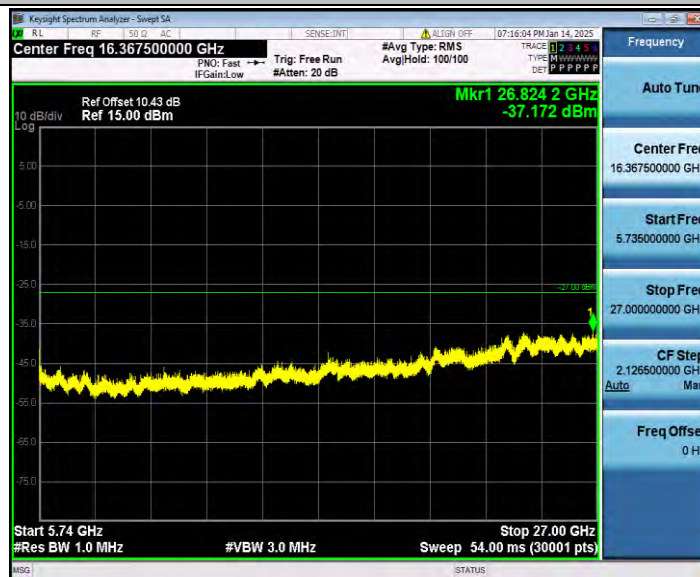
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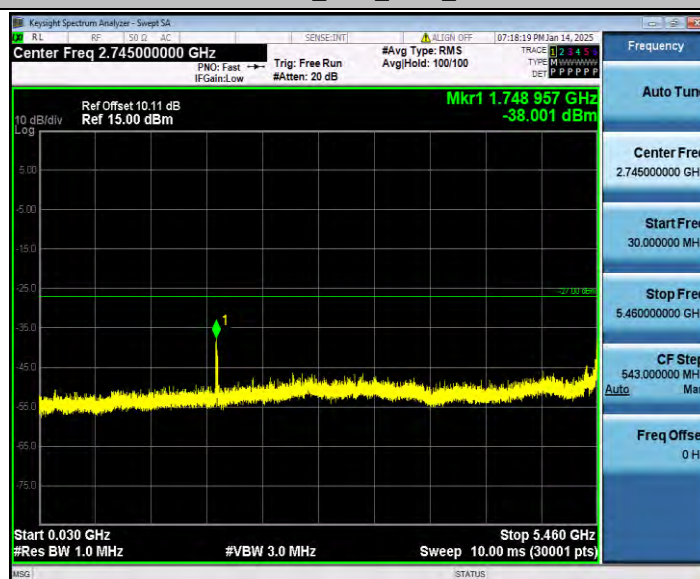
11AC20SISO_Ant1_5700_30~5460



11AC20SISO_Ant1_5700_5735~27000



11AC40SISO_Ant1_5510_30~5460



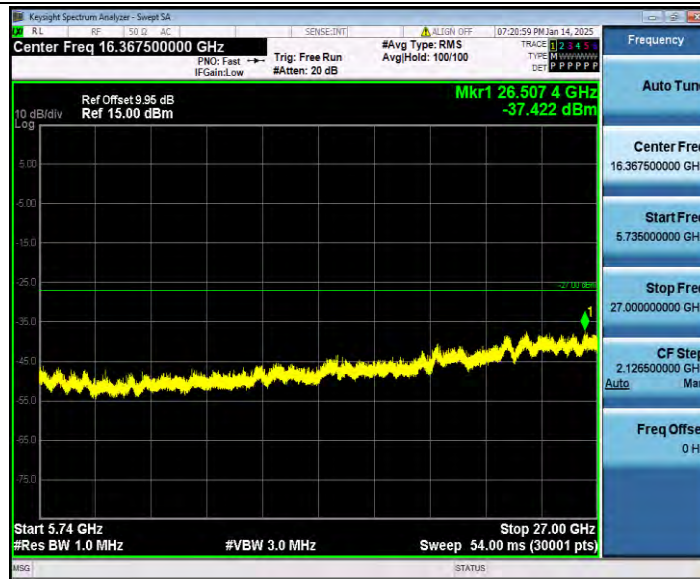
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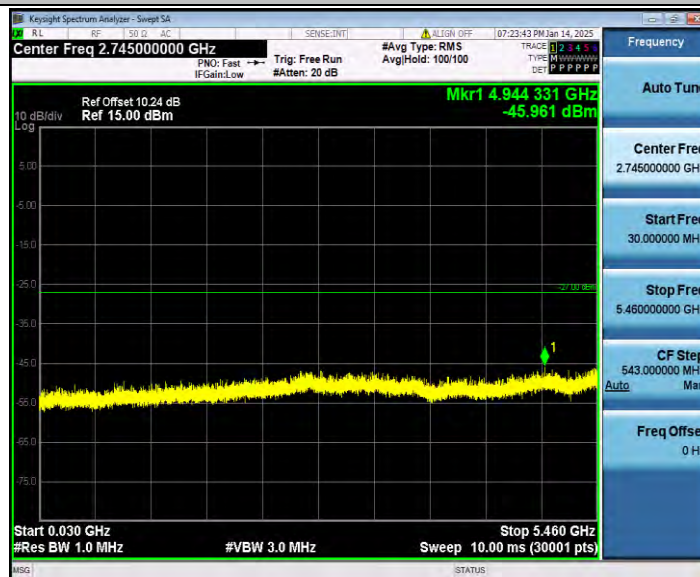
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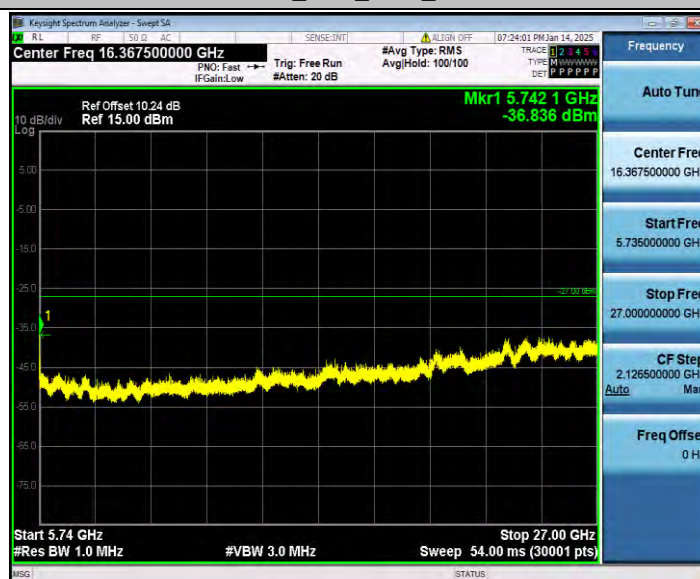
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11AC40SISO_Ant1_5670_30~5460



11AC40SISO_Ant1_5670_5735~27000



11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~27000



11AC80SISO_Ant1_5610_30~5460



11AC80SISO_Ant1_5610_5735~27000



11AX20SISO_Ant1_5500_30~5460



11AX20SISO_Ant1_5500_5735~27000



11AX20SISO_Ant1_5580_30~5460



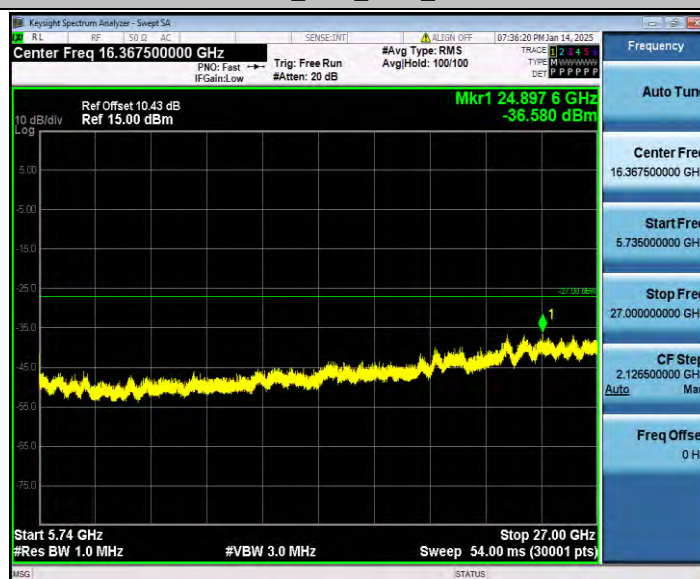
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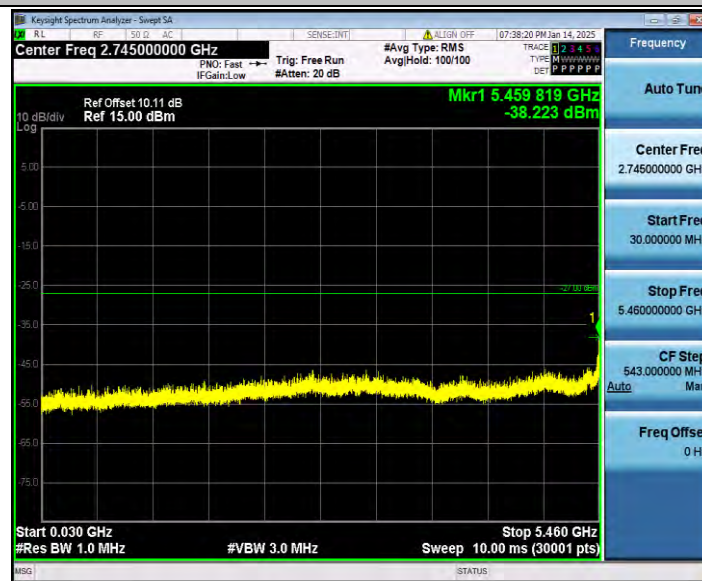
11AX20SISO_Ant1_5700_30~5460



11AX20SISO_Ant1_5700_5735~27000



11AX40SISO_Ant1_5510_30~5460



11AX40SISO_Ant1_5510_5735~27000



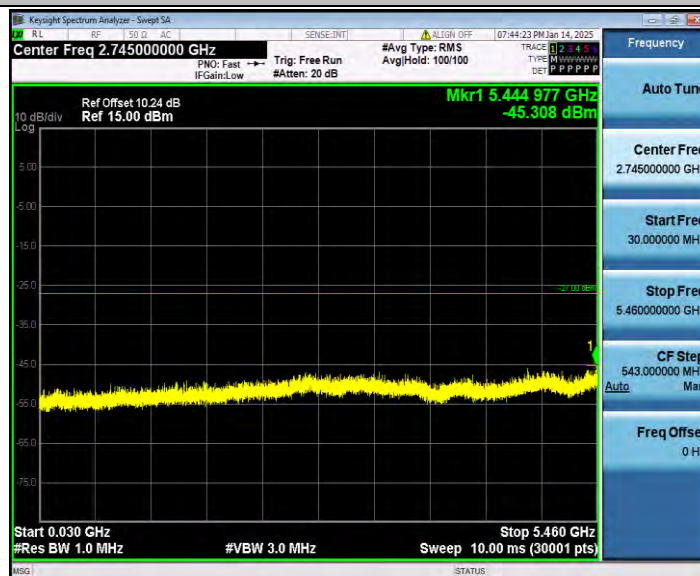
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11AX40SISO_Ant1_5590_5735~27000



11AX40SISO_Ant1_5670_30~5460



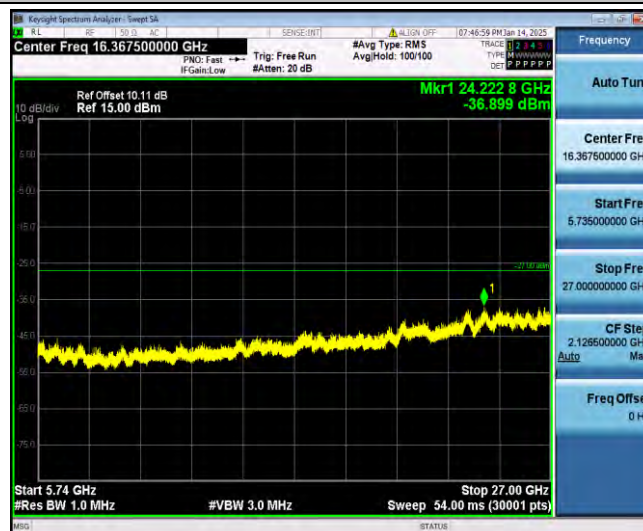
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11AX80SISO_Ant1_5530_30~5460



11AX80SISO_Ant1_5530_5735~27000



11AX80SISO_Ant1_5610_30~5460

