

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	13.71	43.75	3.59	17.30	≤23.98	PASS
		5580	12.63	41.18	3.85	16.48	≤23.98	PASS
		5700	13.25	37.50	4.26	17.51	≤23.98	PASS
11N20SISO	Ant1	5500	13.91	44.44	3.52	17.43	≤23.98	PASS
		5580	12.61	44.44	3.52	16.13	≤23.98	PASS
		5700	13.39	44.44	3.52	16.91	≤23.98	PASS
11N40SISO	Ant1	5510	12.70	35.71	4.47	17.17	≤23.98	PASS
		5590	11.96	35.71	4.47	16.43	≤23.98	PASS
		5670	12.26	40.00	3.98	16.24	≤23.98	PASS
11AC20SISO	Ant1	5500	13.95	44.44	3.52	17.47	≤23.98	PASS
		5580	12.83	47.37	3.24	16.07	≤23.98	PASS
		5700	13.60	47.37	3.24	16.84	≤23.98	PASS
11AC40SISO	Ant1	5510	13.13	40.00	3.98	17.11	≤23.98	PASS
		5590	12.17	40.00	3.98	16.15	≤23.98	PASS
		5670	12.53	40.00	3.98	16.51	≤23.98	PASS
11AC80SISO	Ant1	5530	11.02	35.71	4.47	15.49	≤23.98	PASS
		5610	10.82	35.71	4.47	15.29	≤23.98	PASS
11AX20SISO	Ant1	5500	13.30	44.44	3.52	16.82	≤23.98	PASS
		5580	12.04	50.00	3.01	15.05	≤23.98	PASS
		5700	12.91	47.37	3.24	16.15	≤23.98	PASS
11AX40SISO	Ant1	5510	12.93	47.06	3.27	16.20	≤23.98	PASS
		5590	12.13	47.06	3.27	15.40	≤23.98	PASS
		5670	12.43	44.44	3.52	15.95	≤23.98	PASS
11AX80SISO	Ant1	5530	11.53	43.75	3.59	15.12	≤23.98	PASS
		5610	11.27	43.75	3.59	14.86	≤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	6.16	≤11.00	PASS
		5580	5.40	≤11.00	PASS
		5700	6.47	≤11.00	PASS
11N20SISO	Ant1	5500	6.07	≤11.00	PASS
		5580	4.95	≤11.00	PASS
		5700	5.63	≤11.00	PASS
11N40SISO	Ant1	5510	3.72	≤11.00	PASS
		5590	2.96	≤11.00	PASS
		5670	2.78	≤11.00	PASS
11AC20SISO	Ant1	5500	6.28	≤11.00	PASS
		5580	4.98	≤11.00	PASS
		5700	5.75	≤11.00	PASS
11AC40SISO	Ant1	5510	3.63	≤11.00	PASS
		5590	2.87	≤11.00	PASS
		5670	3.15	≤11.00	PASS
11AC80SISO	Ant1	5530	-0.48	≤11.00	PASS
		5610	-0.93	≤11.00	PASS
11AX20SISO	Ant1	5500	5.86	≤11.00	PASS
		5580	4.00	≤11.00	PASS
		5700	5.41	≤11.00	PASS
11AX40SISO	Ant1	5510	2.53	≤11.00	PASS
		5590	1.82	≤11.00	PASS
		5670	2.41	≤11.00	PASS
11AX80SISO	Ant1	5530	-1.31	≤11.00	PASS
		5610	-1.72	≤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

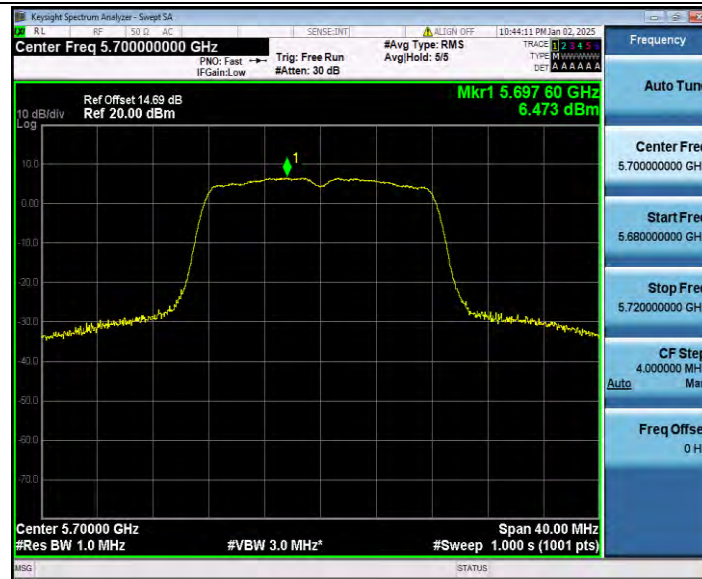
11A_Ant1_5500



11A_Ant1_5580



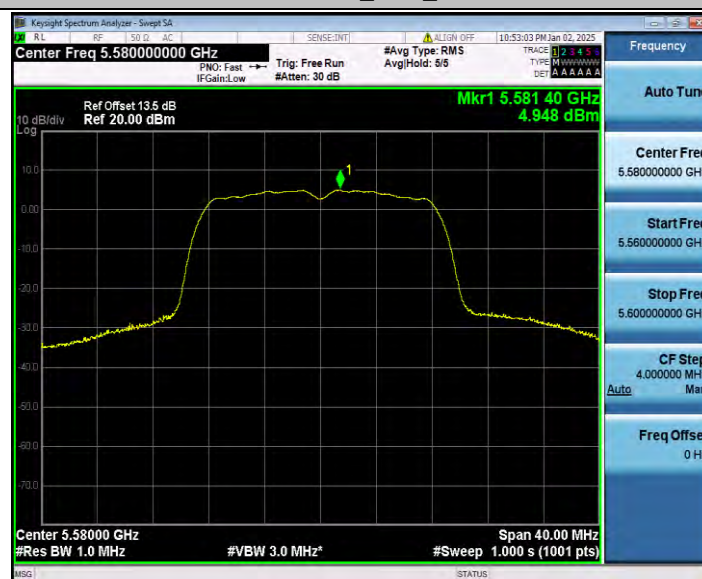
11A_Ant1_5700



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



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

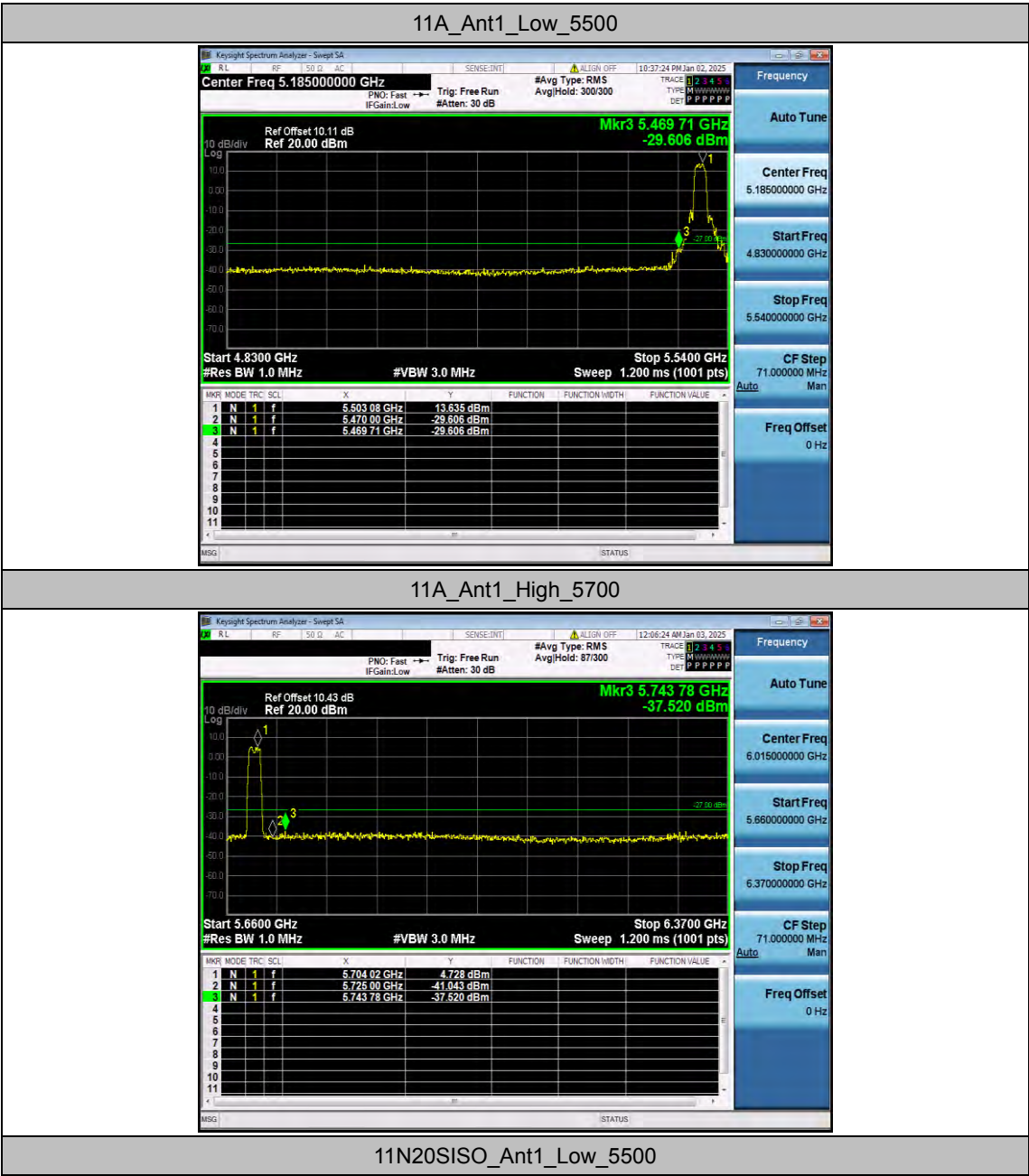


Appendix F.6: Band edge measurements

Test Result B3

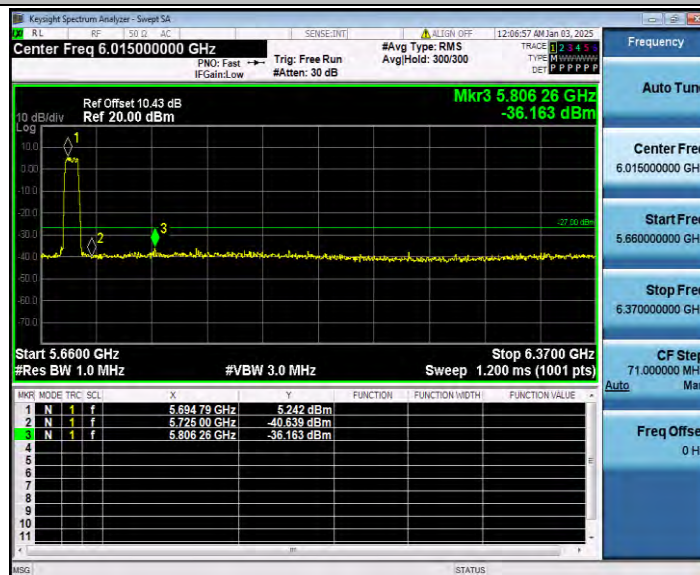
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-29.61	≤ -27	PASS
		High	5700	-37.52	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-27.99	≤ -27	PASS
		High	5700	-36.16	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-34.34	≤ -27	PASS
		High	5670	-37.11	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-32.68	≤ -27	PASS
		High	5700	-27.17	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-35.49	≤ -27	PASS
		High	5670	-37.27	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-35.22	≤ -27	PASS
		High	5610	-33.05	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-30.85	≤ -27	PASS
		High	5700	-28.29	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-36.69	≤ -27	PASS
		High	5670	-29.56	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-34.87	≤ -27	PASS
		High	5610	-32.74	≤ -27	PASS

Test Graphs B3

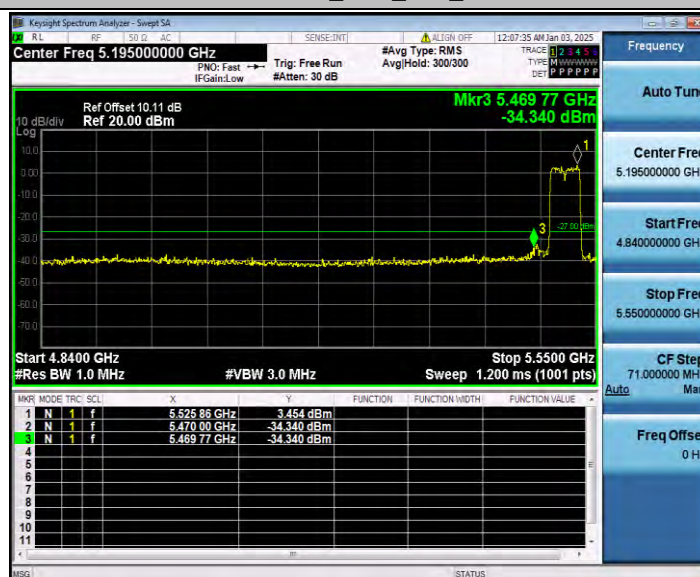




11N20SISO_Ant1_High_5700



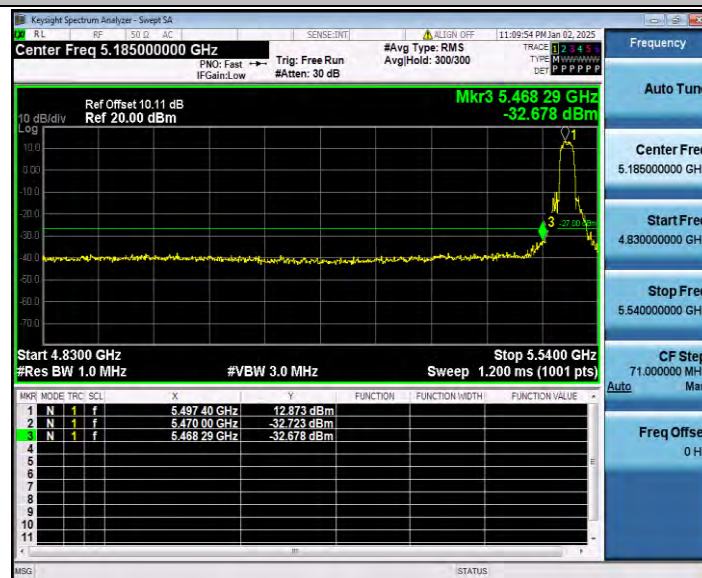
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11N40SISO_Ant1_High_5670



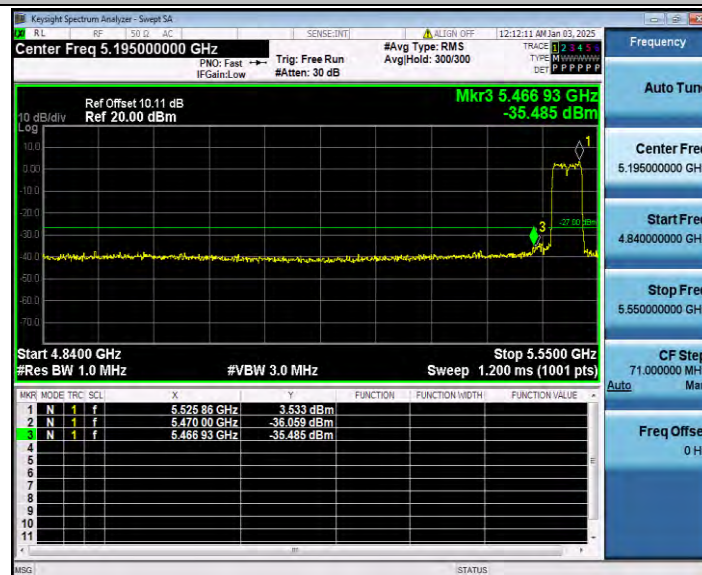
11AC20SISO_Ant1_Low_5500



11AC20SISO_Ant1_High_5700



11AC40SISO_Ant1_Low_5510



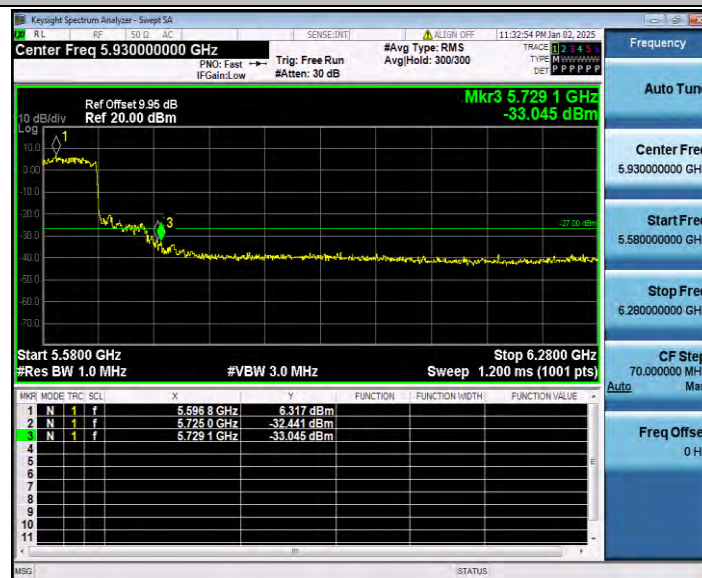
11AC40SISO_Ant1_High_5670



11AC80SISO_Ant1_Low_5530



11AC80SISO_Ant1_High_5610



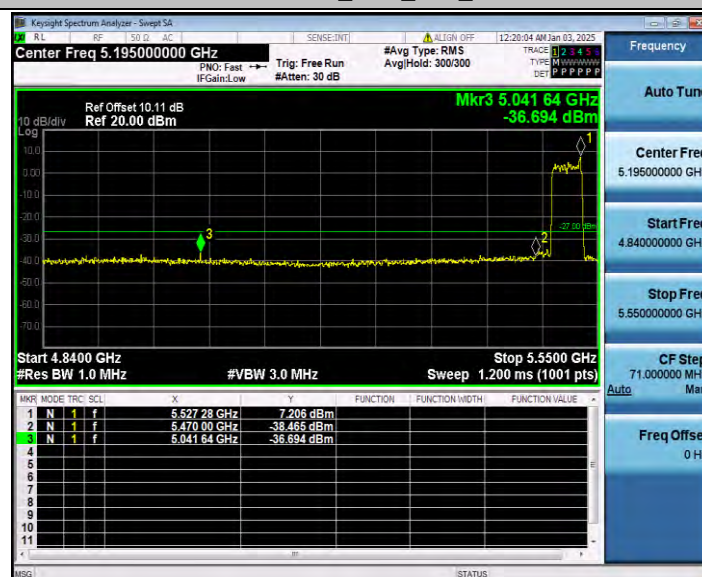
11AX20SISO_Ant1_Low_5500



11AX20SISO_Ant1_High_5700



11AX40SISO_Ant1_Low_5510



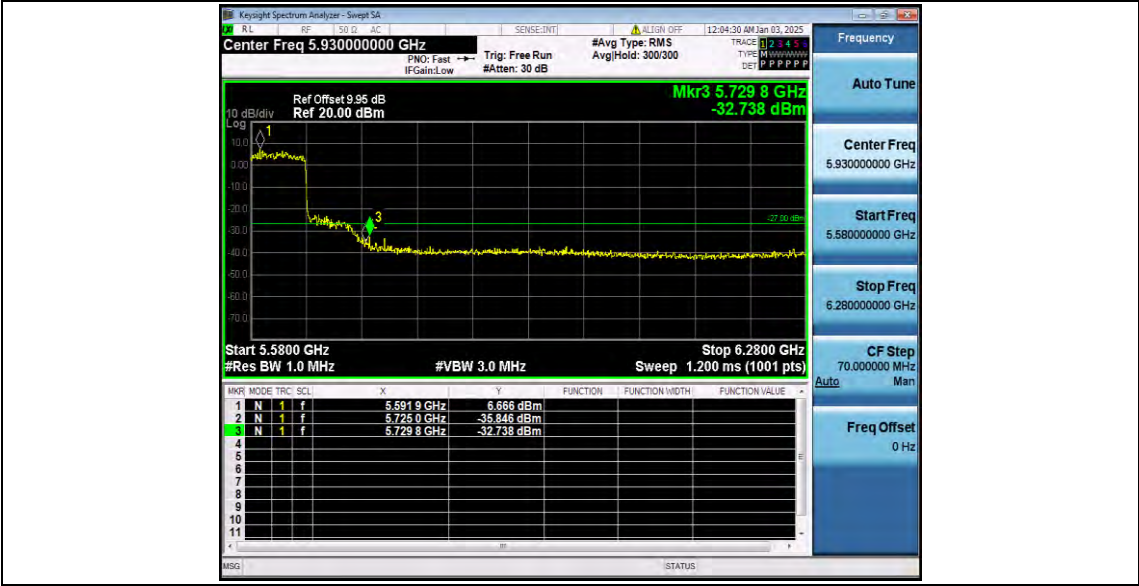
11AX40SISO_Ant1_High_5670



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	5453.48	-33.91	≤-27	PASS
			5735~27000	26079.23	-37.41	≤-27	PASS
		5580	30~5460	5419.09	-43.66	≤-27	PASS
			5735~27000	24800.49	-36.62	≤-27	PASS
		5700	30~5460	5421.09	-46.08	≤-27	PASS
			5735~27000	5735.71	-27.12	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5458.37	-33.86	≤-27	PASS
			5735~27000	24259.65	-36.95	≤-27	PASS
		5580	30~5460	5422.35	-44.23	≤-27	PASS
			5735~27000	24238.39	-37.32	≤-27	PASS
		5700	30~5460	5410.41	-45.81	≤-27	PASS
			5735~27000	5735	-30.88	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5457.1	-41.08	≤-27	PASS
			5735~27000	24765.05	-37.45	≤-27	PASS
		5590	30~5460	5458.19	-36.57	≤-27	PASS
			5735~27000	26764.67	-37.4	≤-27	PASS
		5670	30~5460	5445.34	-44.17	≤-27	PASS
			5735~27000	5735	-27.45	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5458.55	-35.82	≤-27	PASS
			5735~27000	26056.54	-37.15	≤-27	PASS
		5580	30~5460	5416.74	-43.46	≤-27	PASS
			5735~27000	25158.45	-37.55	≤-27	PASS
		5700	30~5460	2627.53	-45.05	≤-27	PASS
			5735~27000	5737.84	-34.13	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5458.37	-28.87	≤-27	PASS
			5735~27000	24203.65	-37.4	≤-27	PASS
		5590	30~5460	2326.35	-41.27	≤-27	PASS
			5735~27000	26053	-36.75	≤-27	PASS
		5670	30~5460	2333.77	-43.32	≤-27	PASS
			5735~27000	5740.67	-29.66	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5433.57	-38.05	≤-27	PASS
			5735~27000	26875.25	-37.28	≤-27	PASS
		5610	30~5460	5438.64	-36.45	≤-27	PASS
			5735~27000	5743.51	-35.85	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5459.1	-35.33	≤-27	PASS
			5735~27000	26587.46	-36.02	≤-27	PASS

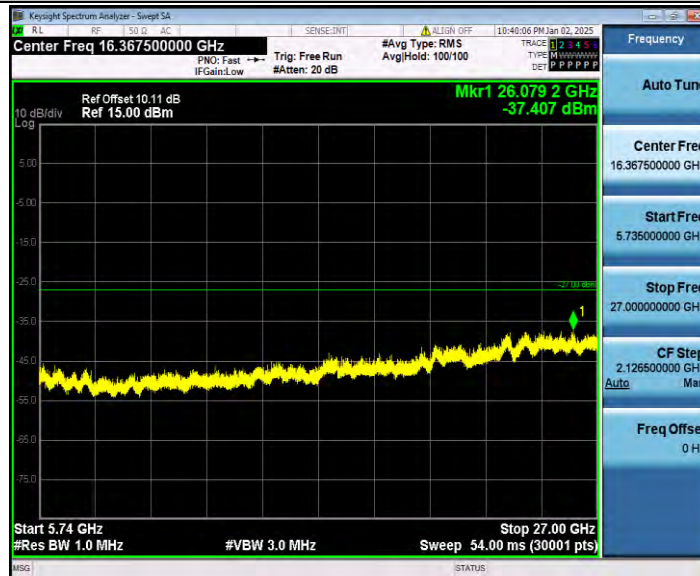
		5580	30~5460	5417.83	-43.04	≤ -27	PASS
			5735~27000	24150.49	-37.6	≤ -27	PASS
		5700	30~5460	4943.79	-44.83	≤ -27	PASS
			5735~27000	5739.96	-32.37	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5459.46	-28.8	≤ -27	PASS
			5735~27000	26498.85	-37.42	≤ -27	PASS
		5590	30~5460	5425.97	-43.71	≤ -27	PASS
			5735~27000	26868.16	-37.05	≤ -27	PASS
		5670	30~5460	4972.57	-44.93	≤ -27	PASS
			5735~27000	5739.25	-33.64	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5432.31	-38.39	≤ -27	PASS
			5735~27000	26605.18	-36.73	≤ -27	PASS
		5610	30~5460	5443.89	-36.81	≤ -27	PASS
			5735~27000	5756.27	-35.29	≤ -27	PASS

Test Graphs

11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~27000



11A_Ant1_5580_30~5460



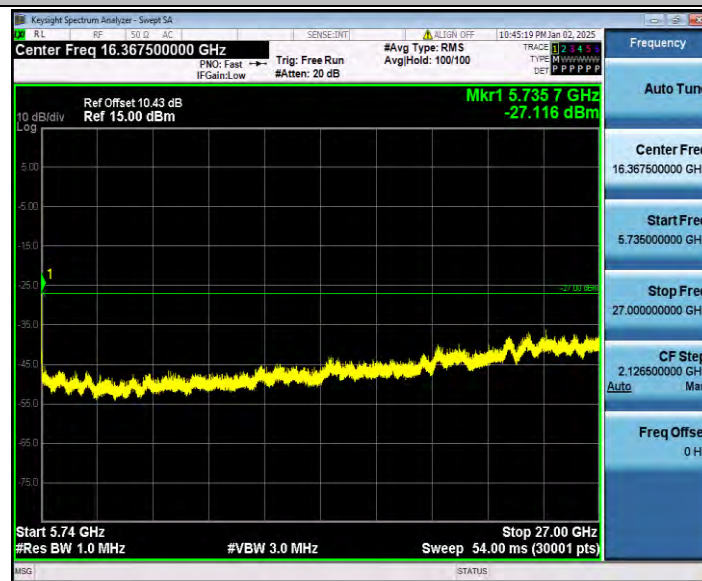
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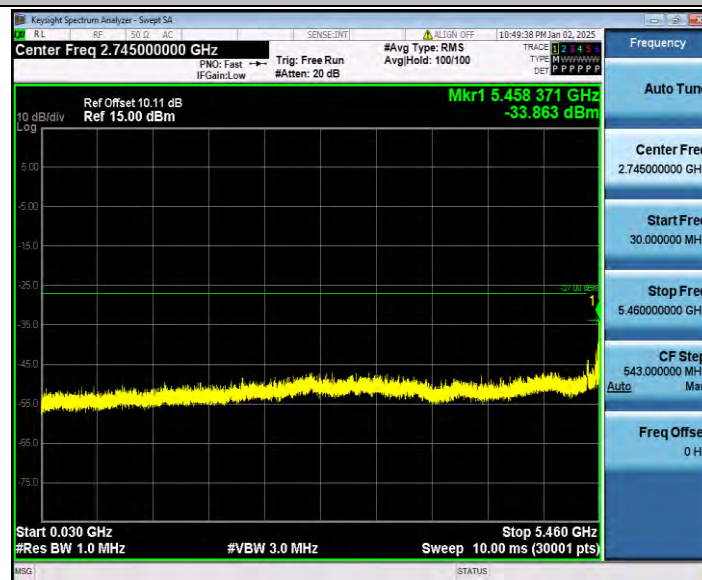
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11A_Ant1_5700_5735~27000



11N20SISO_Ant1_5500_30~5460



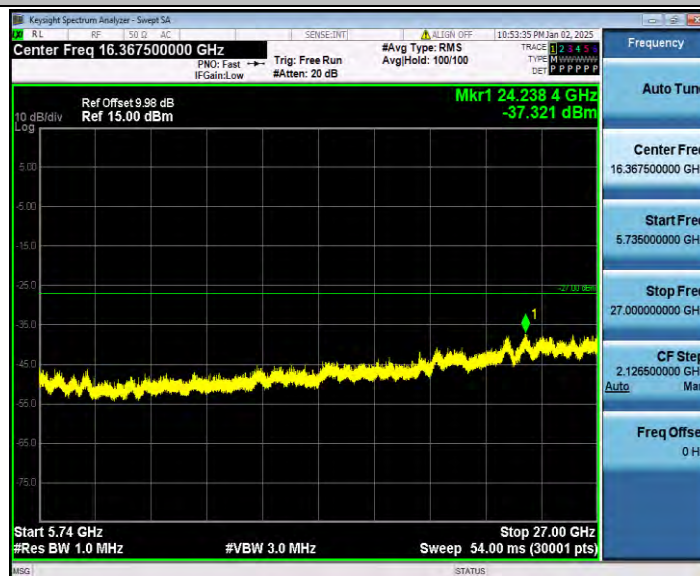
11N20SISO_Ant1_5500_5735~27000



11N20SISO_Ant1_5580_30~5460



11N20SISO_Ant1_5580_5735~27000



11N20SISO_Ant1_5700_30~5460



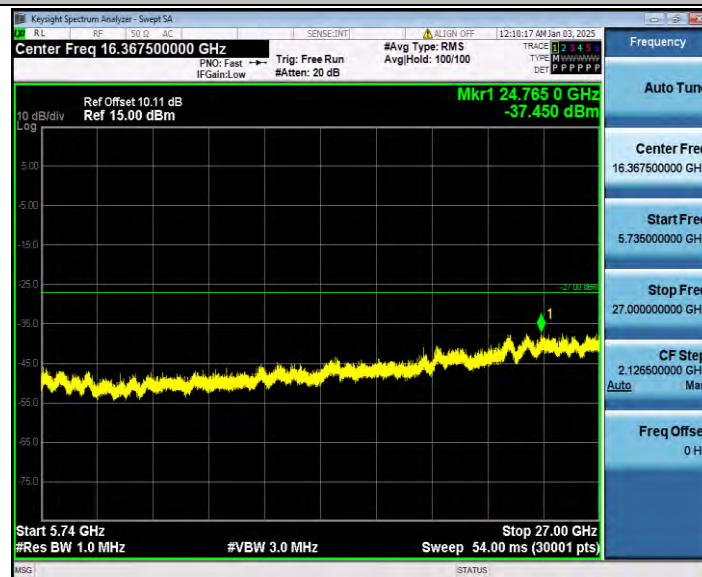
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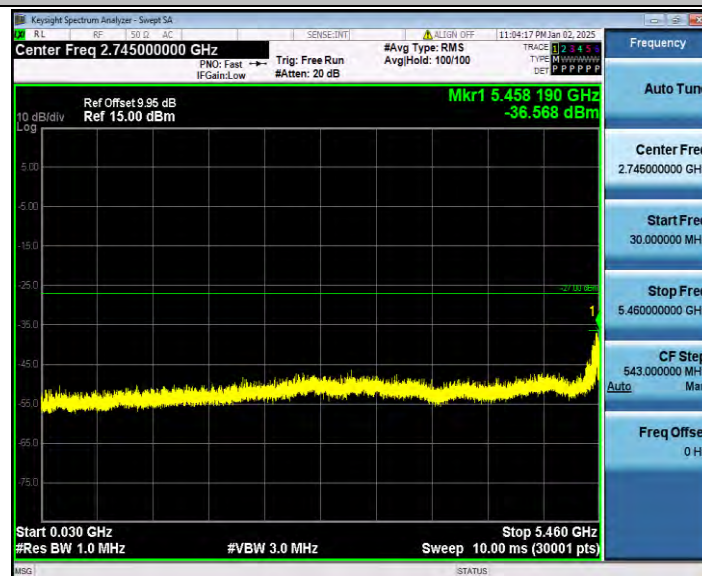
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11N40SISO_Ant1_5510_5735~27000



11N40SISO_Ant1_5590_30~5460



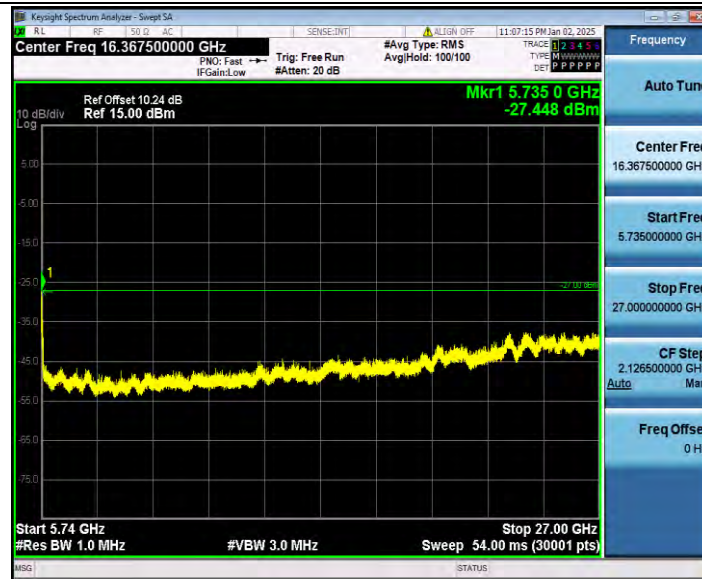
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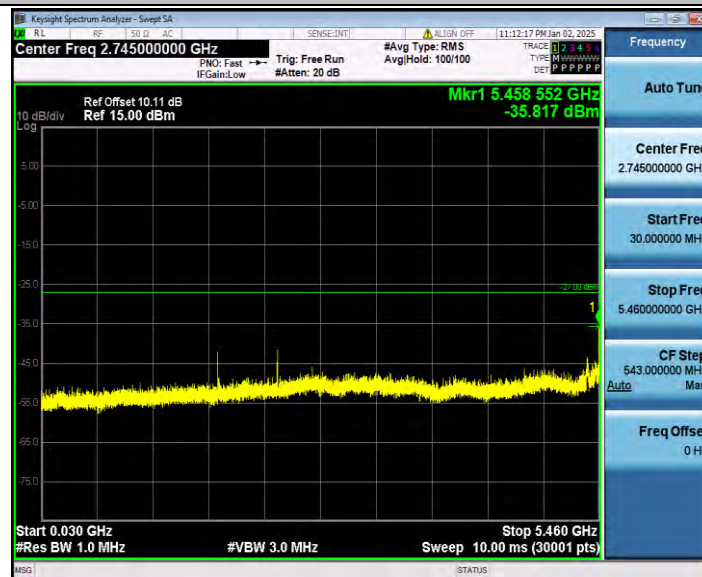
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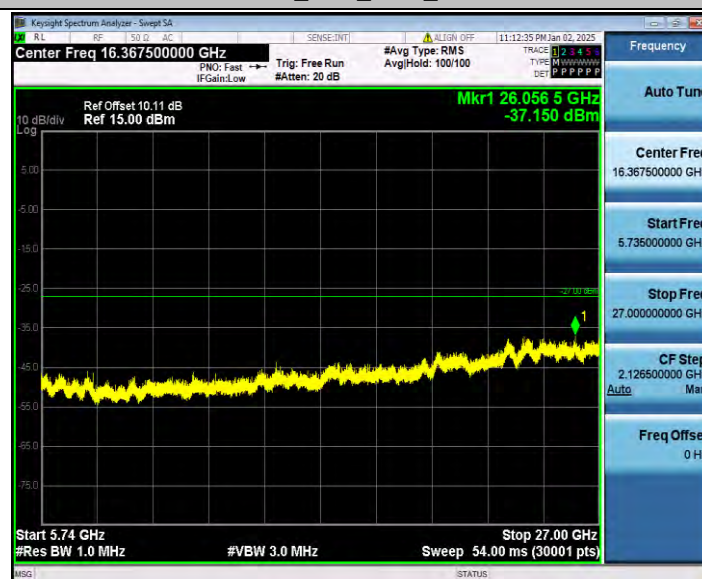
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11AC20SISO_Ant1_5500_30~5460



11AC20SISO_Ant1_5500_5735~27000



11AC20SISO_Ant1_5580_30~5460



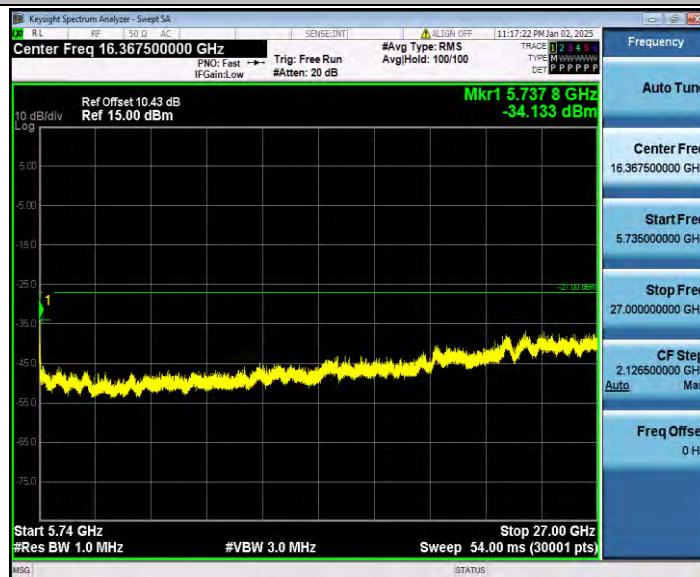
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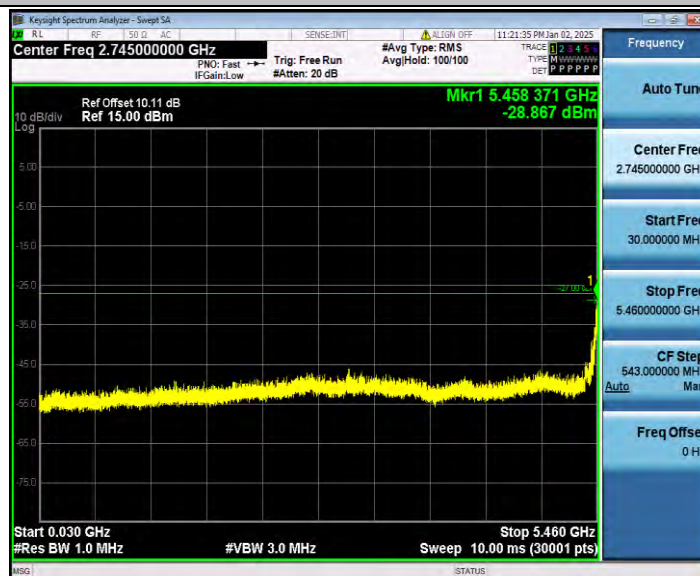
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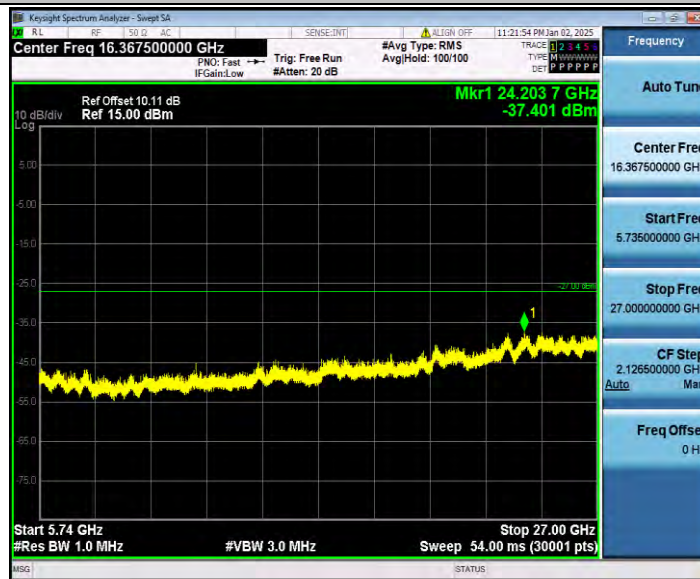
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11AC40SISO_Ant1_5510_30~5460



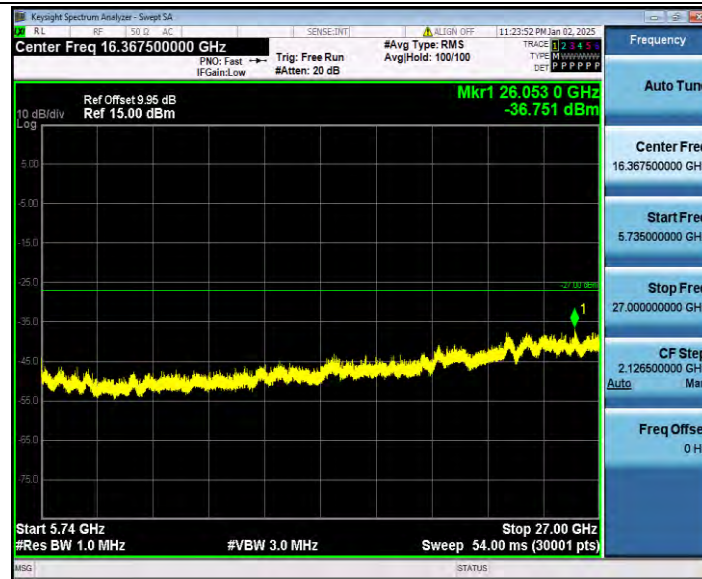
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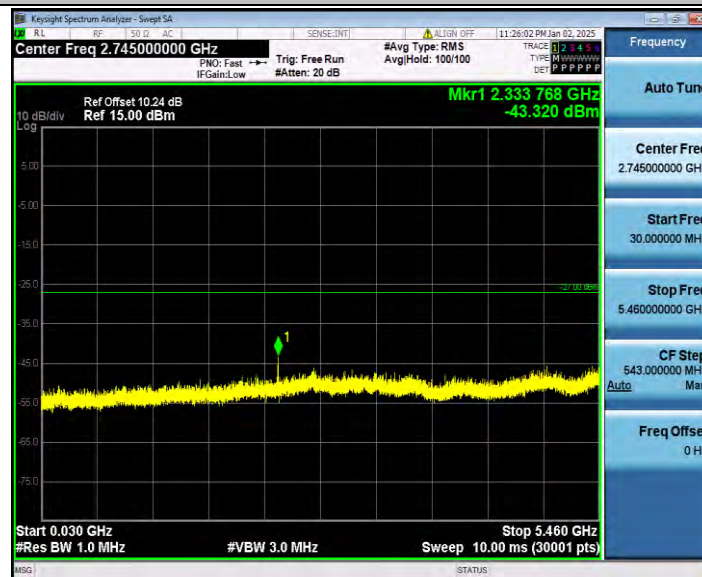
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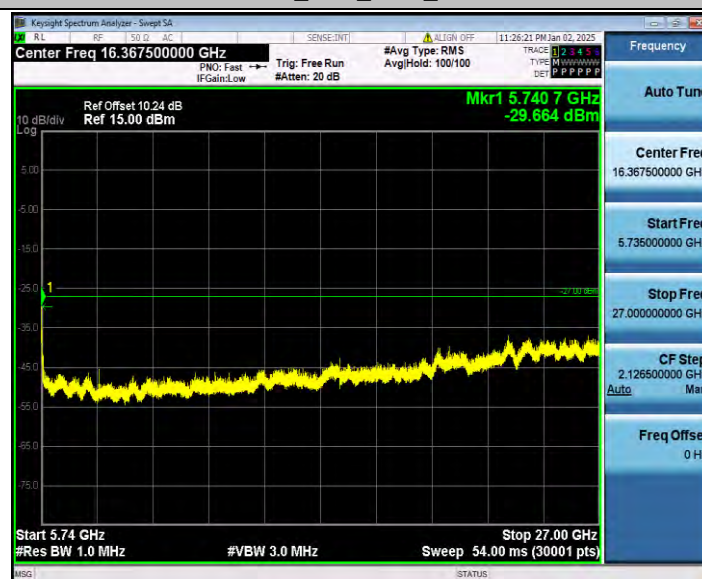
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11AC40SISO_Ant1_5670_30~5460



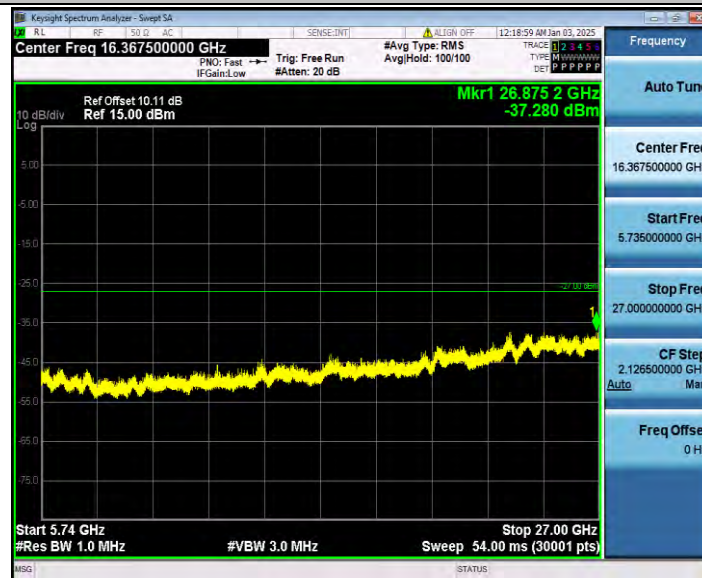
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11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~27000



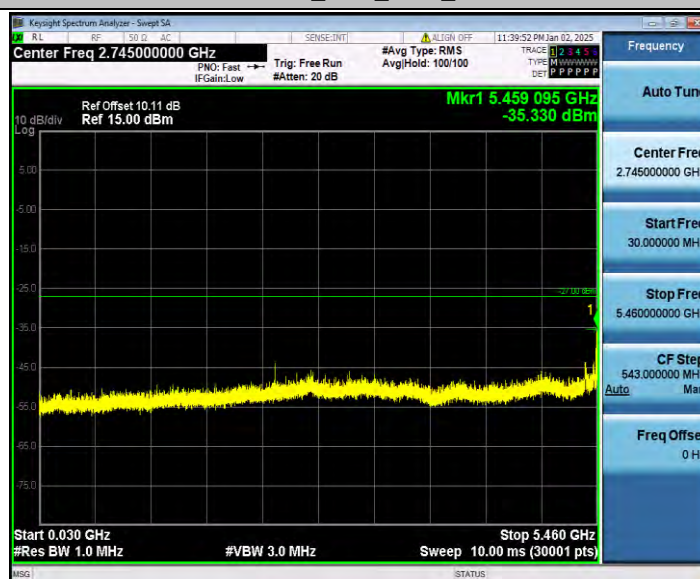
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11AC80SISO_Ant1_5610_5735~27000



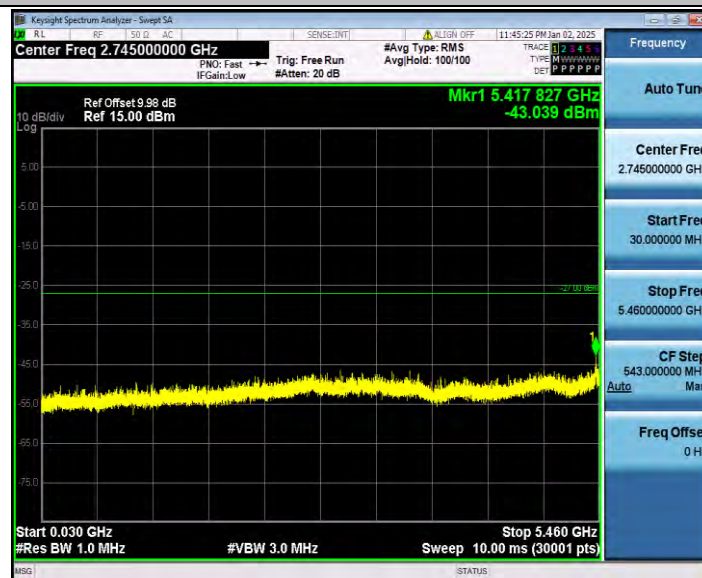
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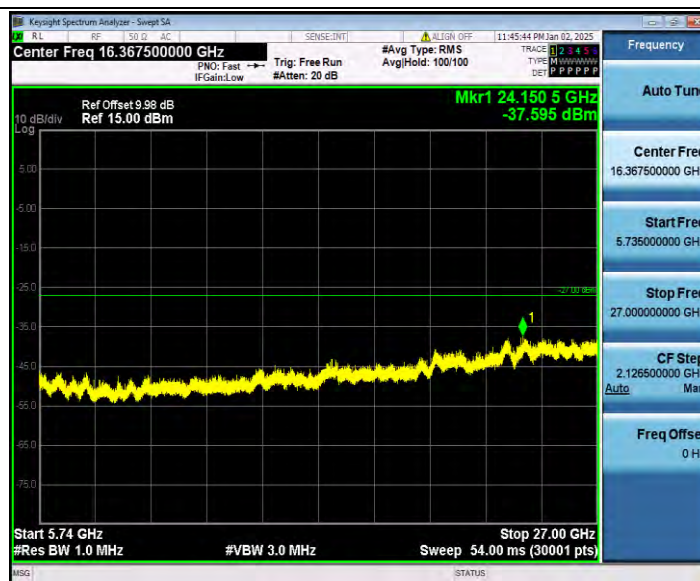
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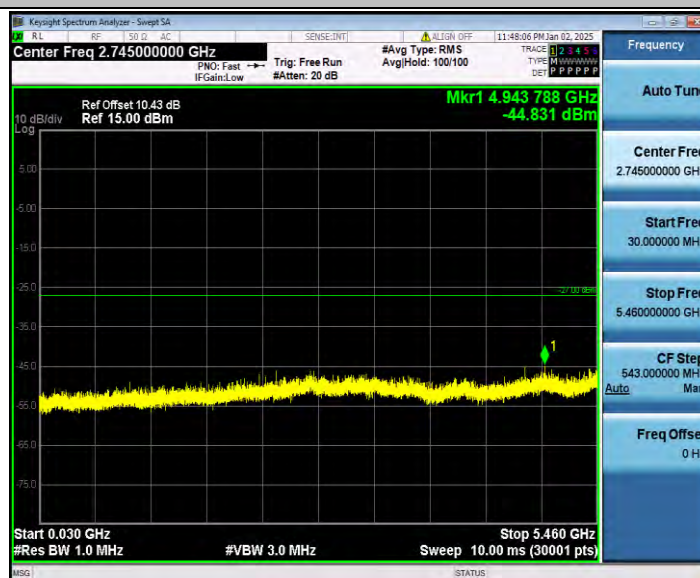
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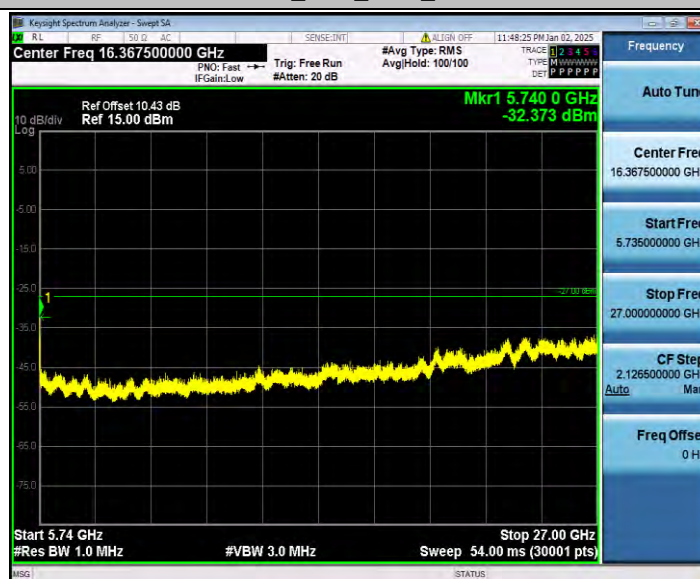
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11AX20SISO_Ant1_5700_30~5460



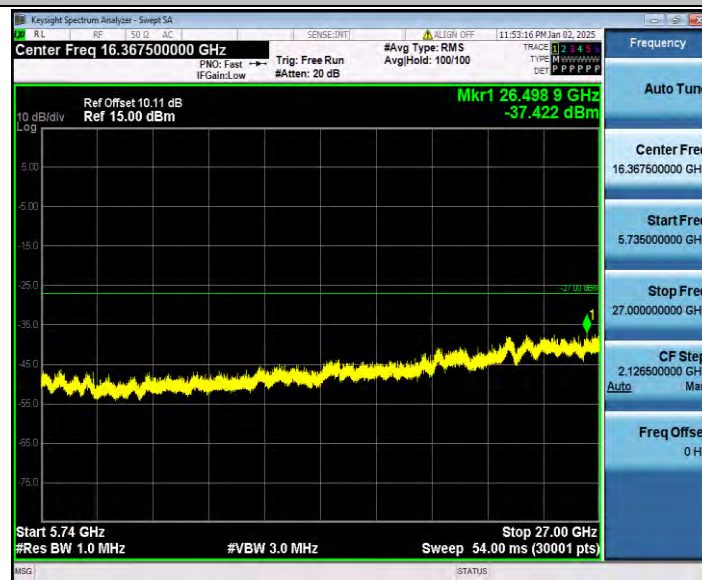
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11AX40SISO_Ant1_5510_30~5460



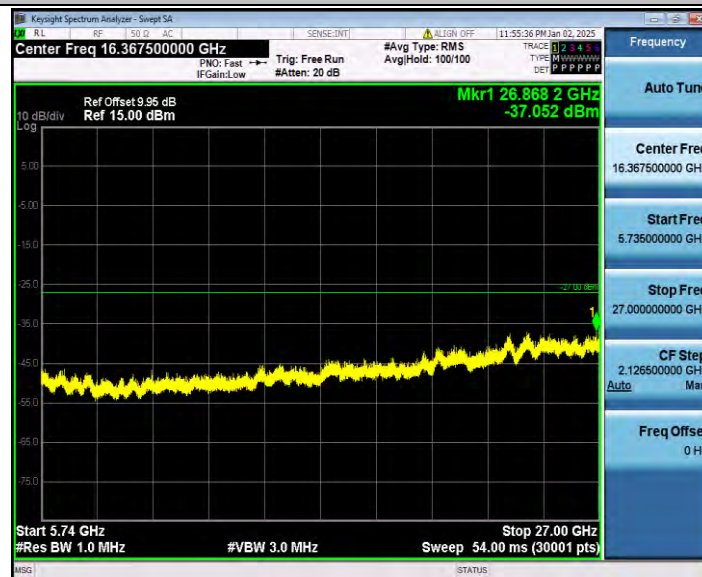
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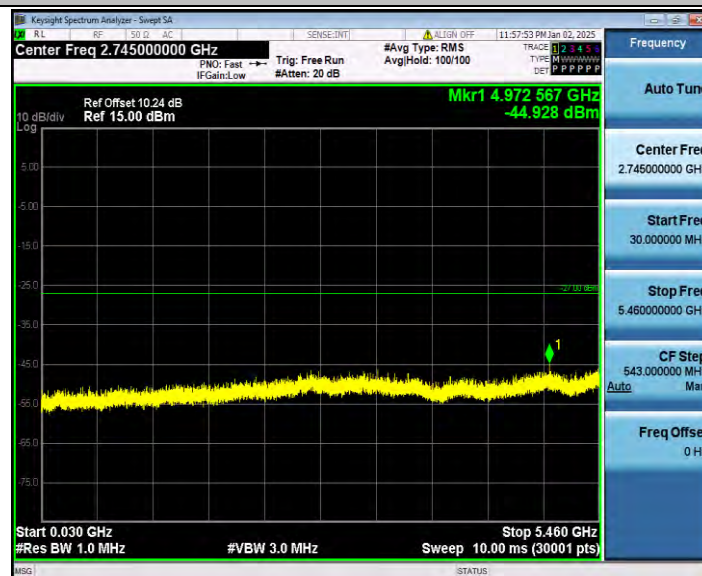
11AX40SISO_Ant1_5590_30~5460



11AX40SISO_Ant1_5590_5735~27000



11AX40SISO_Ant1_5670_30~5460



11AX40SISO_Ant1_5670_5735~27000



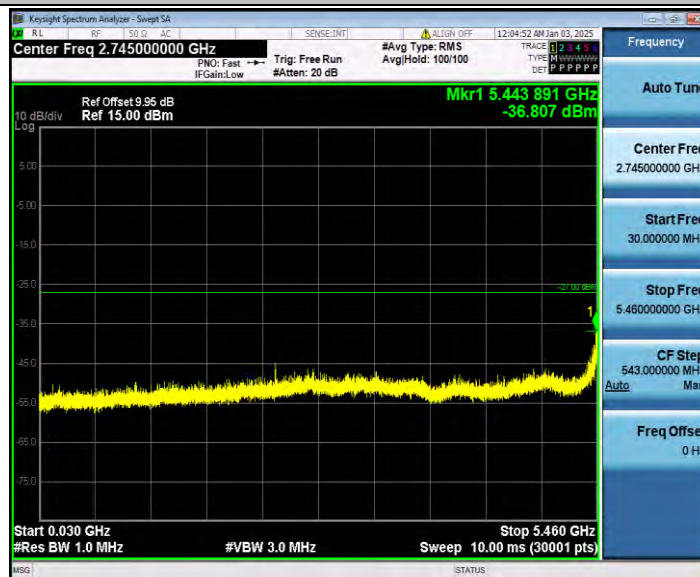
11AX80SISO_Ant1_5530_30~5460



11AX80SISO_Ant1_5530_5735~27000



11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~27000

