

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	Ant0	5500	13.07	97.66	0.10	13.17	≤23.98	PASS
		5580	12.67	98.12	0.08	12.75	≤23.98	PASS
		5700	12.44	97.66	0.10	12.54	≤23.98	PASS
11N20SISO	Ant0	5500	12.76	98.76	0.05	12.81	≤23.98	PASS
		5580	12.47	98.76	0.05	12.52	≤23.98	PASS
		5700	12.20	98.76	0.05	12.25	≤23.98	PASS
11N40SISO	Ant0	5510	12.83	98.76	0.05	12.88	≤23.98	PASS
		5590	12.15	98.76	0.05	12.20	≤23.98	PASS
		5670	12.20	98.76	0.05	12.25	≤23.98	PASS
11AC20SISO	Ant0	5500	12.41	98.75	0.05	12.46	≤23.98	PASS
		5580	12.17	98.75	0.05	12.22	≤23.98	PASS
		5700	11.96	98.75	0.05	12.01	≤23.98	PASS
11AC40SISO	Ant0	5510	12.47	98.75	0.05	12.52	≤23.98	PASS
		5590	11.81	99.00	0.04	11.85	≤23.98	PASS
		5670	12.25	98.75	0.05	12.30	≤23.98	PASS
11AC80SISO	Ant0	5530	11.99	98.76	0.05	12.04	≤23.98	PASS
		5610	11.32	98.76	0.05	11.37	≤23.98	PASS
11AX20SISO	Ant0	5500	12.36	98.76	0.05	12.41	≤23.98	PASS
		5580	12.30	98.76	0.05	12.35	≤23.98	PASS
		5700	11.73	98.76	0.05	11.78	≤23.98	PASS
11AX40SISO	Ant0	5510	12.06	98.76	0.05	12.11	≤23.98	PASS
		5590	11.49	98.76	0.05	11.54	≤23.98	PASS
		5670	11.95	98.76	0.05	12.00	≤23.98	PASS
11AX80SISO	Ant0	5530	12.01	98.76	0.05	12.06	≤23.98	PASS
		5610	11.02	99.01	0.04	11.06	≤23.98	PASS

Appendix D.5: Maximum power spectral density

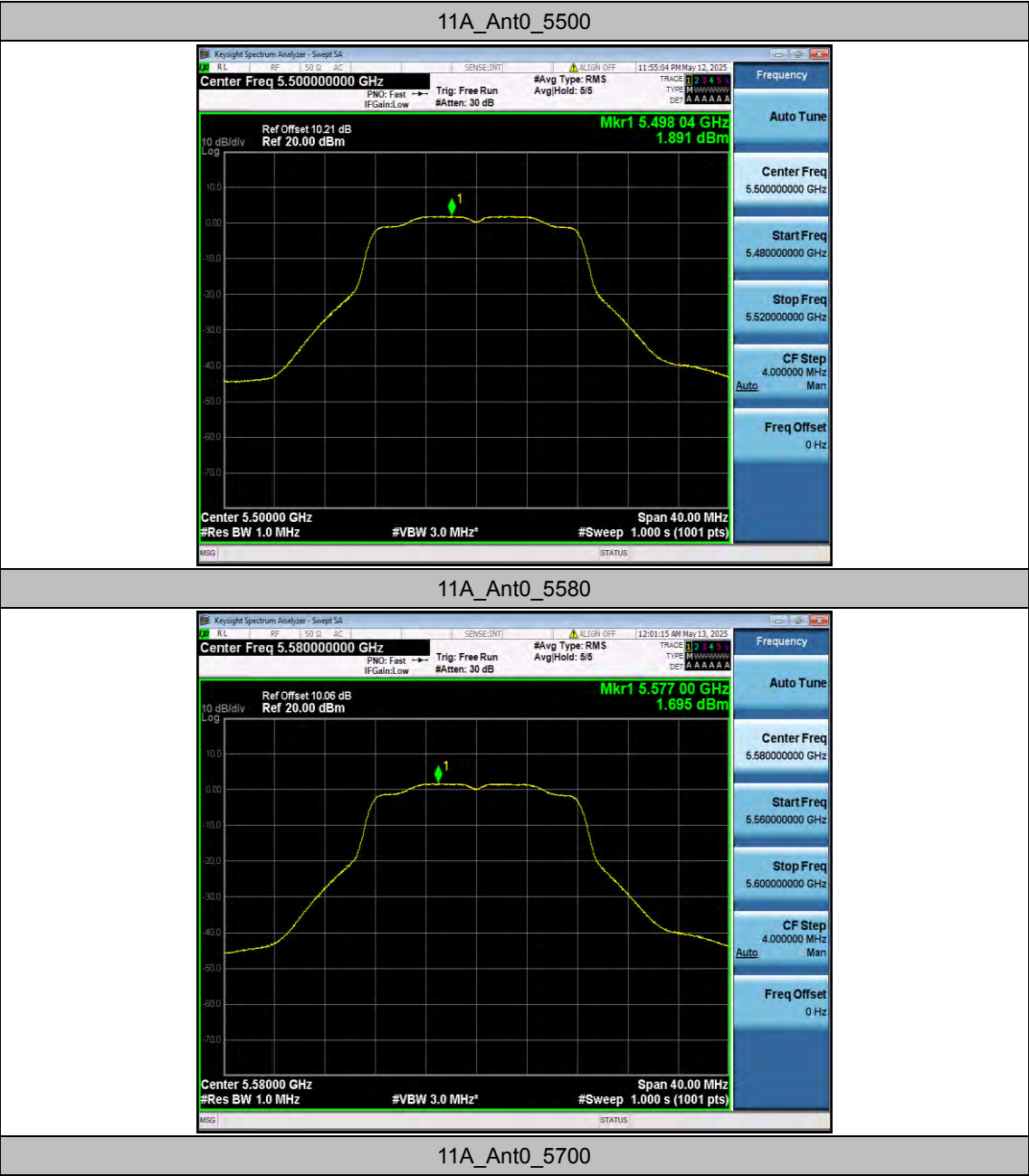
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5500	1.89	≤11.00	PASS
		5580	1.70	≤11.00	PASS
		5700	1.40	≤11.00	PASS
11N20SISO	Ant0	5500	1.37	≤11.00	PASS
		5580	1.13	≤11.00	PASS
		5700	0.82	≤11.00	PASS
11N40SISO	Ant0	5510	-1.30	≤11.00	PASS
		5590	-2.11	≤11.00	PASS
		5670	-2.09	≤11.00	PASS
11AC20SISO	Ant0	5500	1.08	≤11.00	PASS
		5580	0.92	≤11.00	PASS
		5700	0.88	≤11.00	PASS
11AC40SISO	Ant0	5510	-1.64	≤11.00	PASS
		5590	-2.43	≤11.00	PASS
		5670	-2.04	≤11.00	PASS
11AC80SISO	Ant0	5530	-4.38	≤11.00	PASS
		5610	-5.74	≤11.00	PASS
11AX20SISO	Ant0	5500	0.73	≤11.00	PASS
		5580	0.76	≤11.00	PASS
		5700	0.42	≤11.00	PASS
11AX40SISO	Ant0	5510	-2.13	≤11.00	PASS
		5590	-2.84	≤11.00	PASS
		5670	-2.55	≤11.00	PASS
11AX80SISO	Ant0	5530	-4.97	≤11.00	PASS
		5610	-5.89	≤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

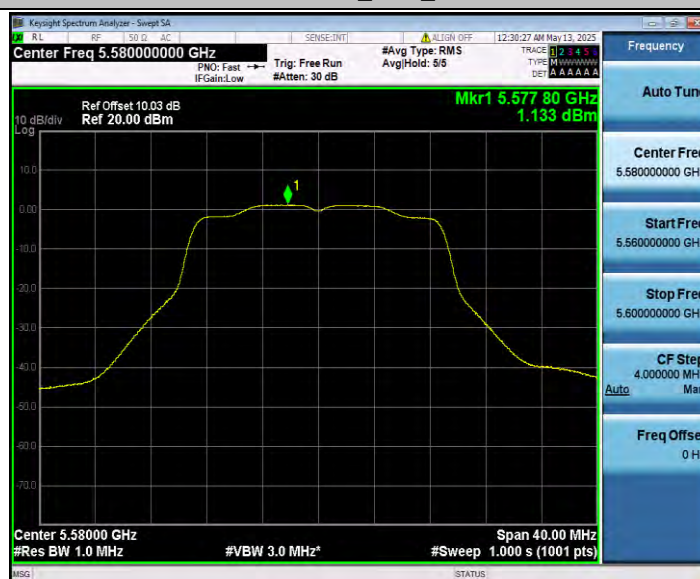




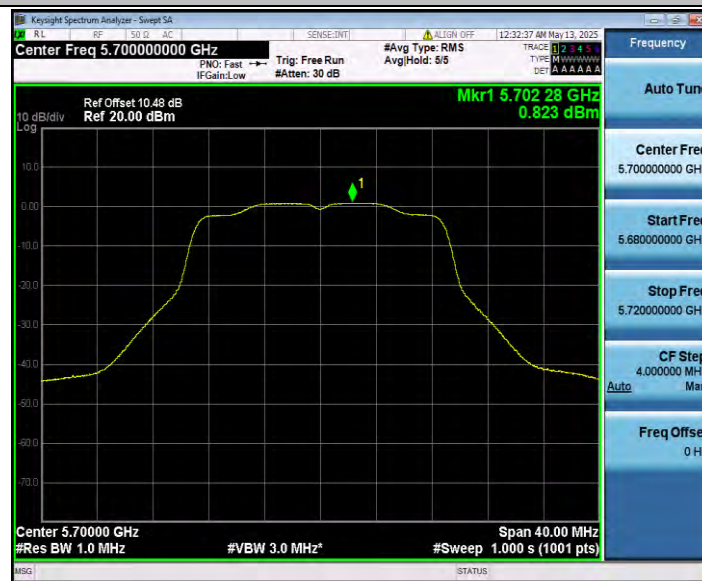
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11N20SISO_Ant0_5580



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



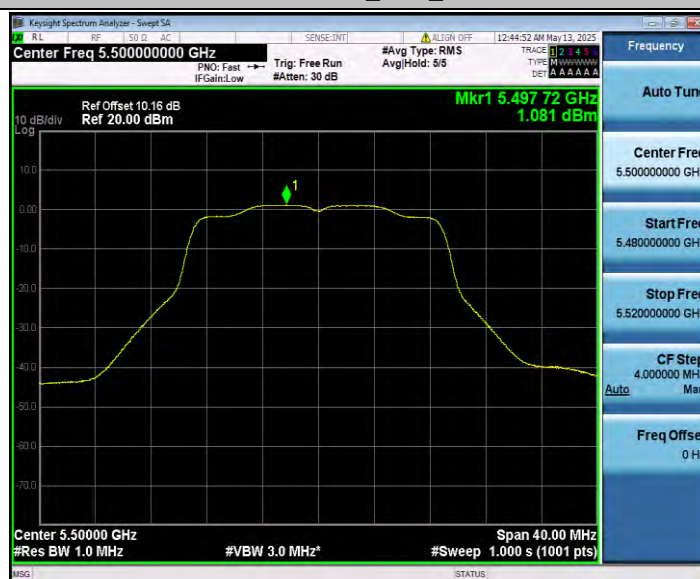
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11N40SISO_Ant0_5670



11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5580



11AC20SISO_Ant0_5700



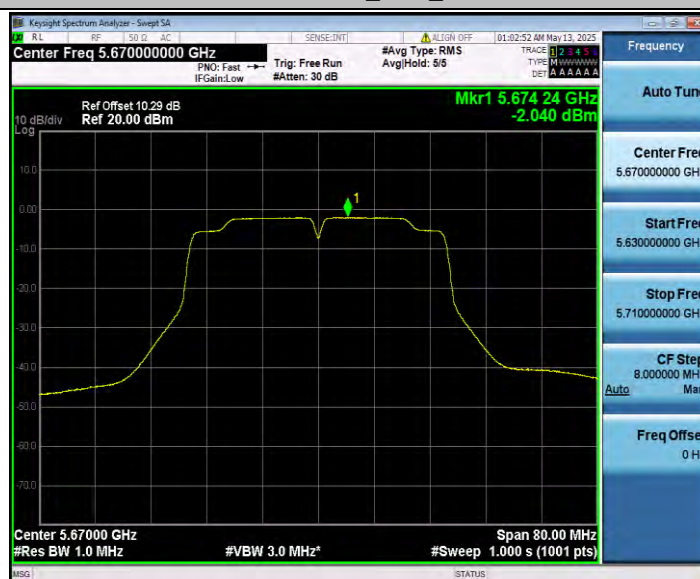
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11AC40SISO_Ant0_5590



11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



11AC80SISO_Ant0_5610



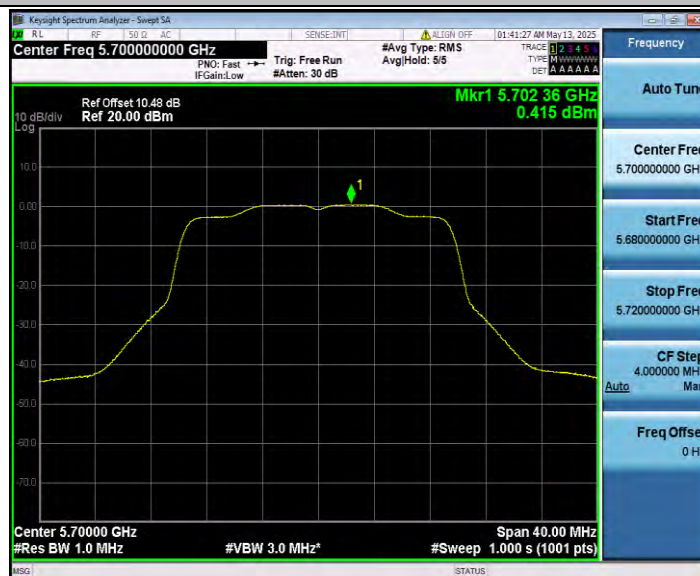
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11AX20SISO_Ant0_5580



11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80ISO_Ant0_5530



11AX80ISO_Ant0_5610

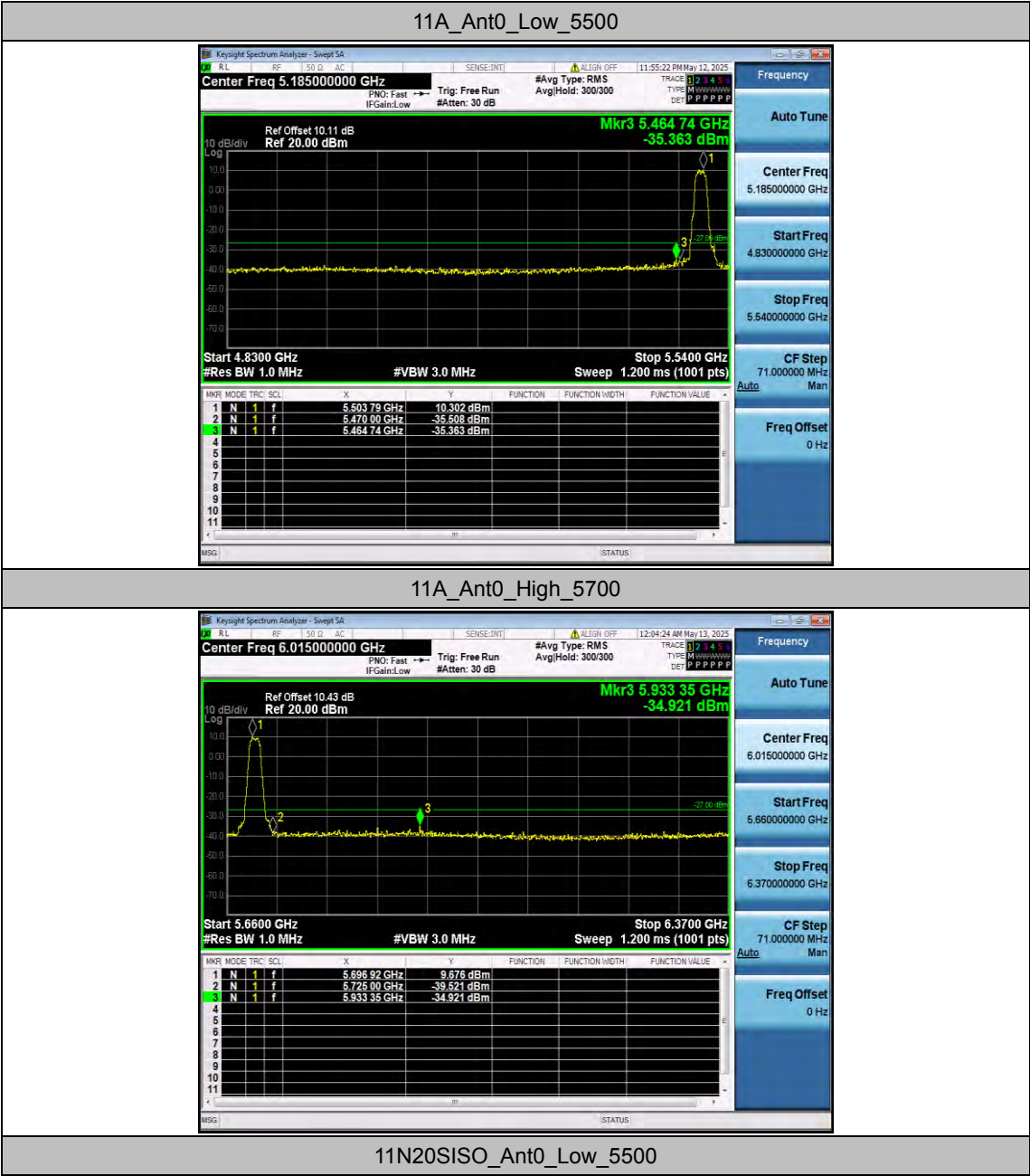


Appendix D.6: Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5500	-35.36	≤ -27	PASS
		High	5700	-34.92	≤ -27	PASS
11N20SISO	Ant0	Low	5500	-35.97	≤ -27	PASS
		High	5700	-37.02	≤ -27	PASS
11N40SISO	Ant0	Low	5510	-34.54	≤ -27	PASS
		High	5670	-36.66	≤ -27	PASS
11AC20SISO	Ant0	Low	5500	-36.14	≤ -27	PASS
		High	5700	-36.61	≤ -27	PASS
11AC40SISO	Ant0	Low	5510	-34.28	≤ -27	PASS
		High	5670	-37.24	≤ -27	PASS
11AC80SISO	Ant0	Low	5530	-34.44	≤ -27	PASS
		High	5610	-36.45	≤ -27	PASS
11AX20SISO	Ant0	Low	5500	-35.98	≤ -27	PASS
		High	5700	-36.18	≤ -27	PASS
11AX40SISO	Ant0	Low	5510	-34.56	≤ -27	PASS
		High	5670	-37.23	≤ -27	PASS
11AX80SISO	Ant0	Low	5530	-35.95	≤ -27	PASS
		High	5610	-37.47	≤ -27	PASS

Test Graphs B3

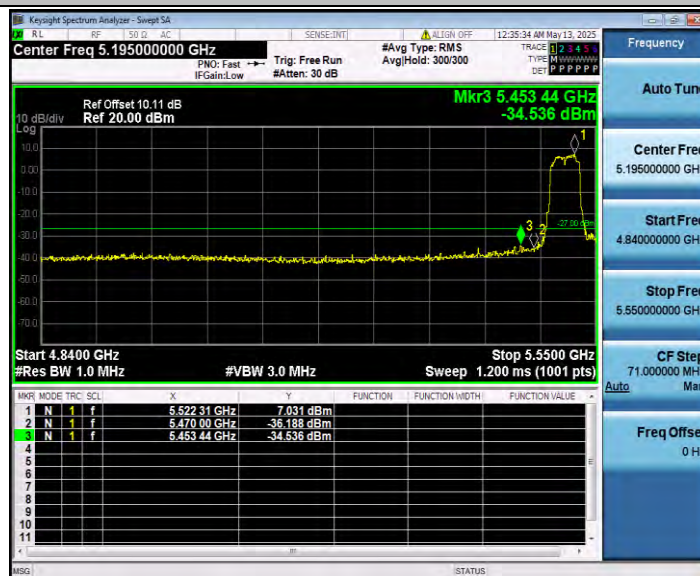


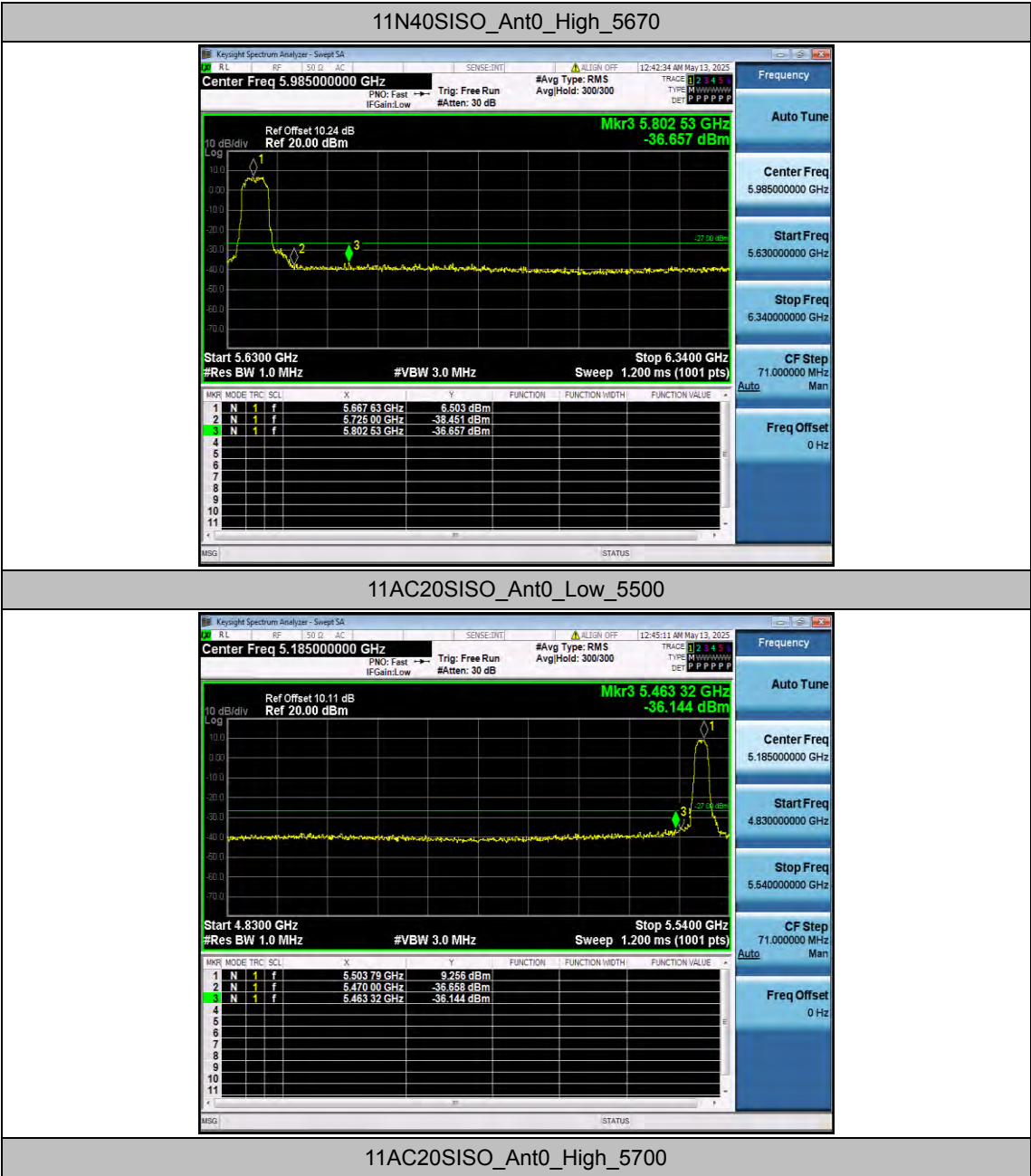


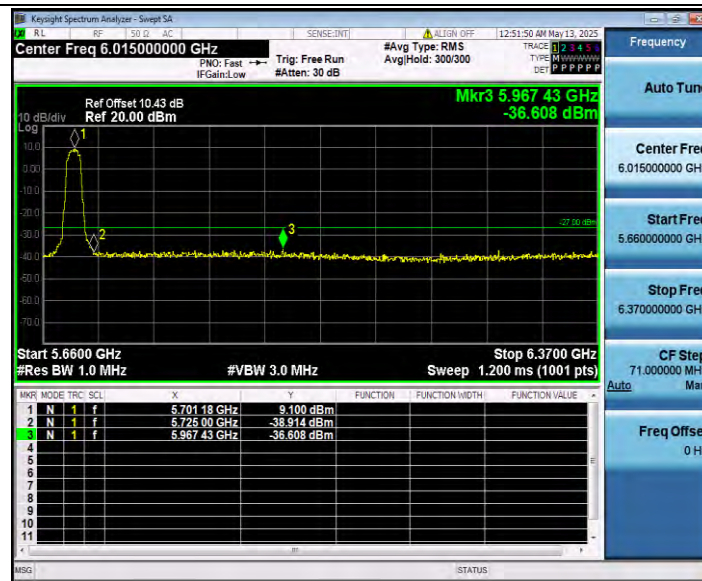
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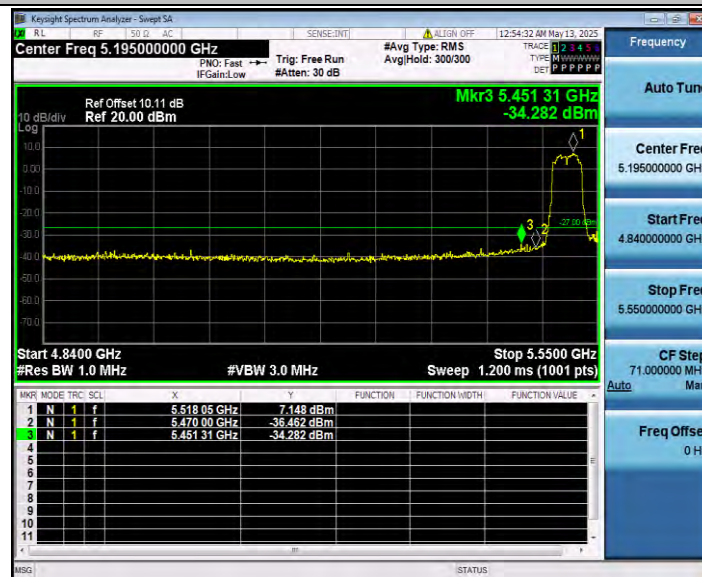
11N40SISO_Ant0_Low_5510







11AC40SISO_Ant0_Low_5510



11AC40SISO_Ant0_High_5670



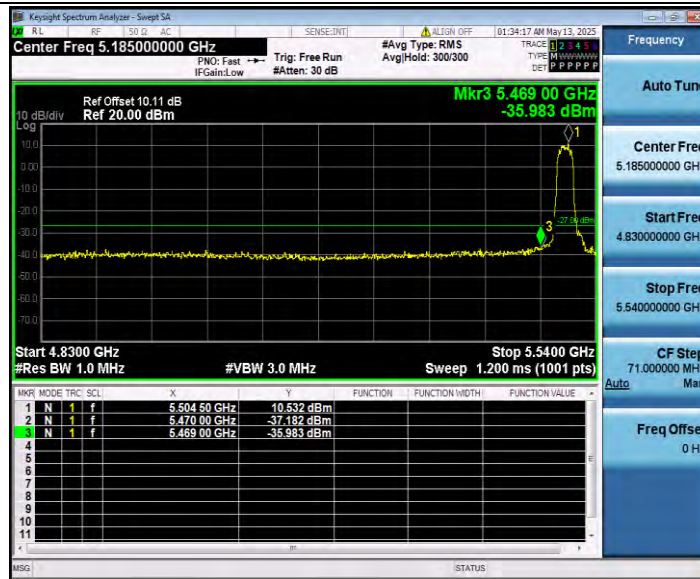
11AC80SISO_Ant0_Low_5530



11AC80SISO_Ant0_High_5610



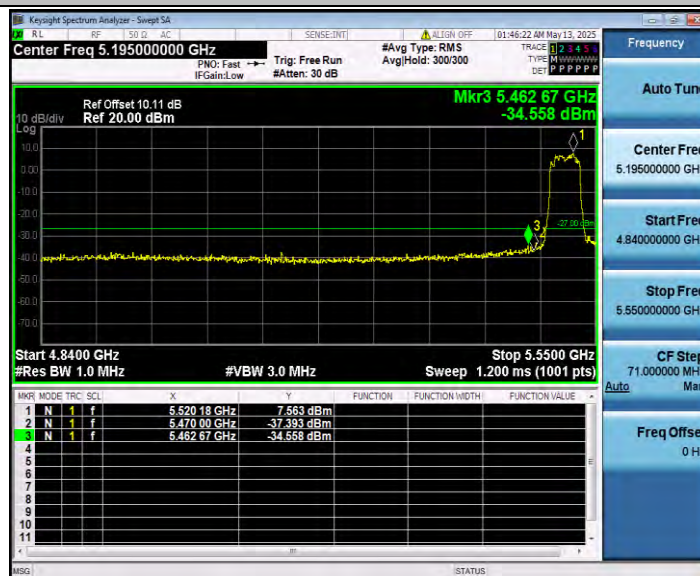
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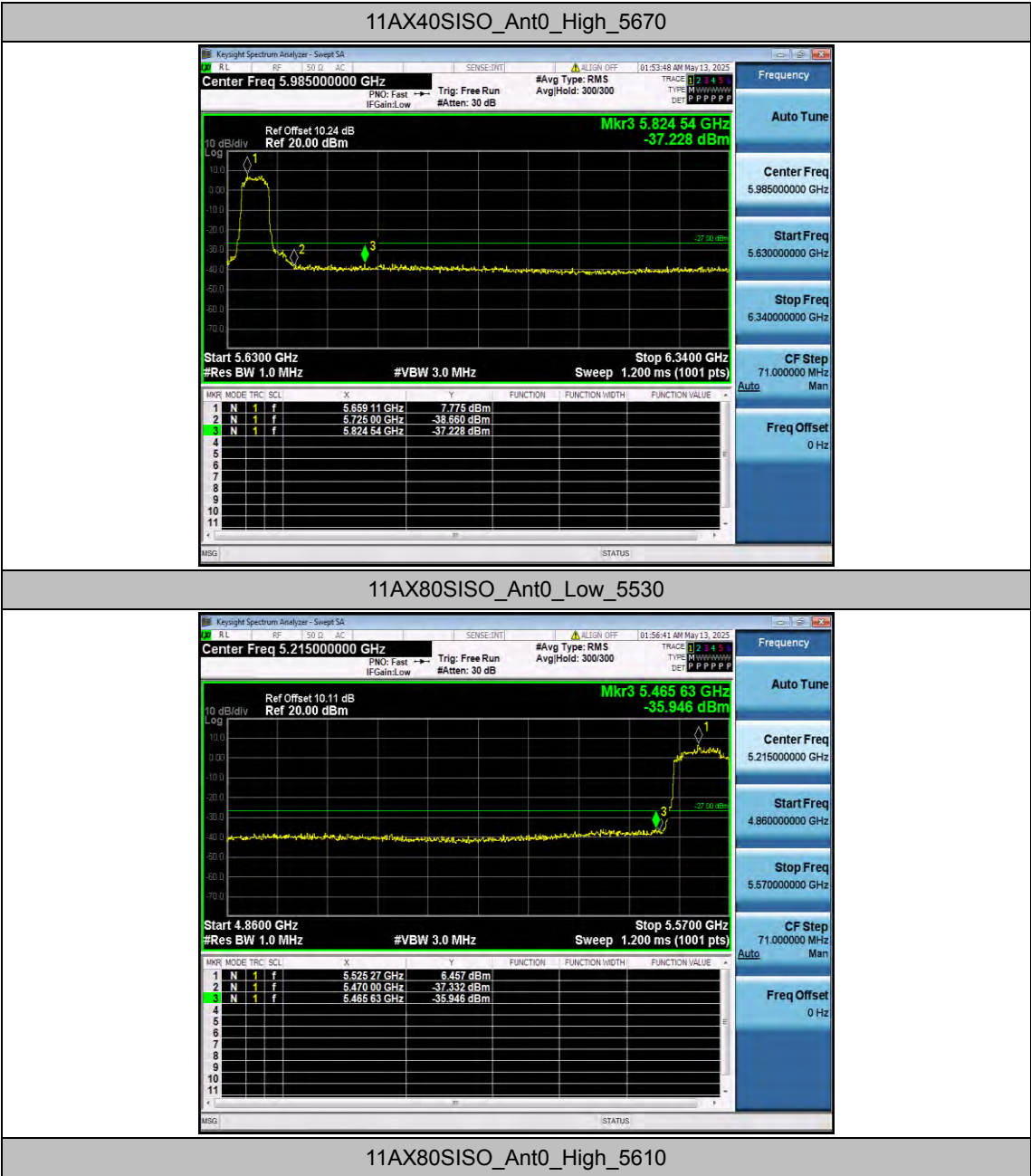


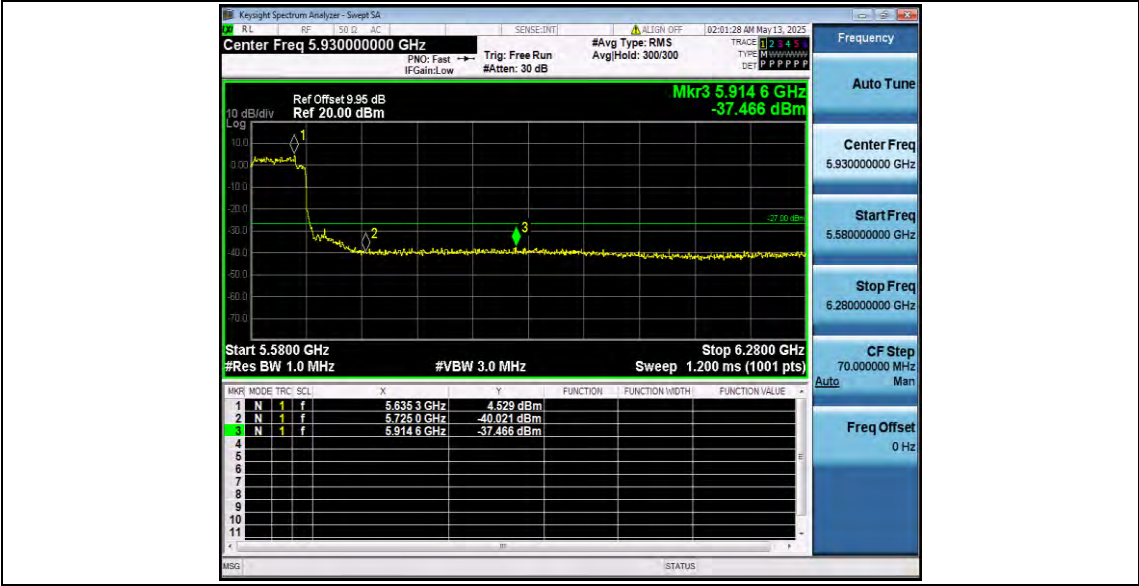
11AX20SISO_Ant0_High_5700



11AX40SISO_Ant0_Low_5510







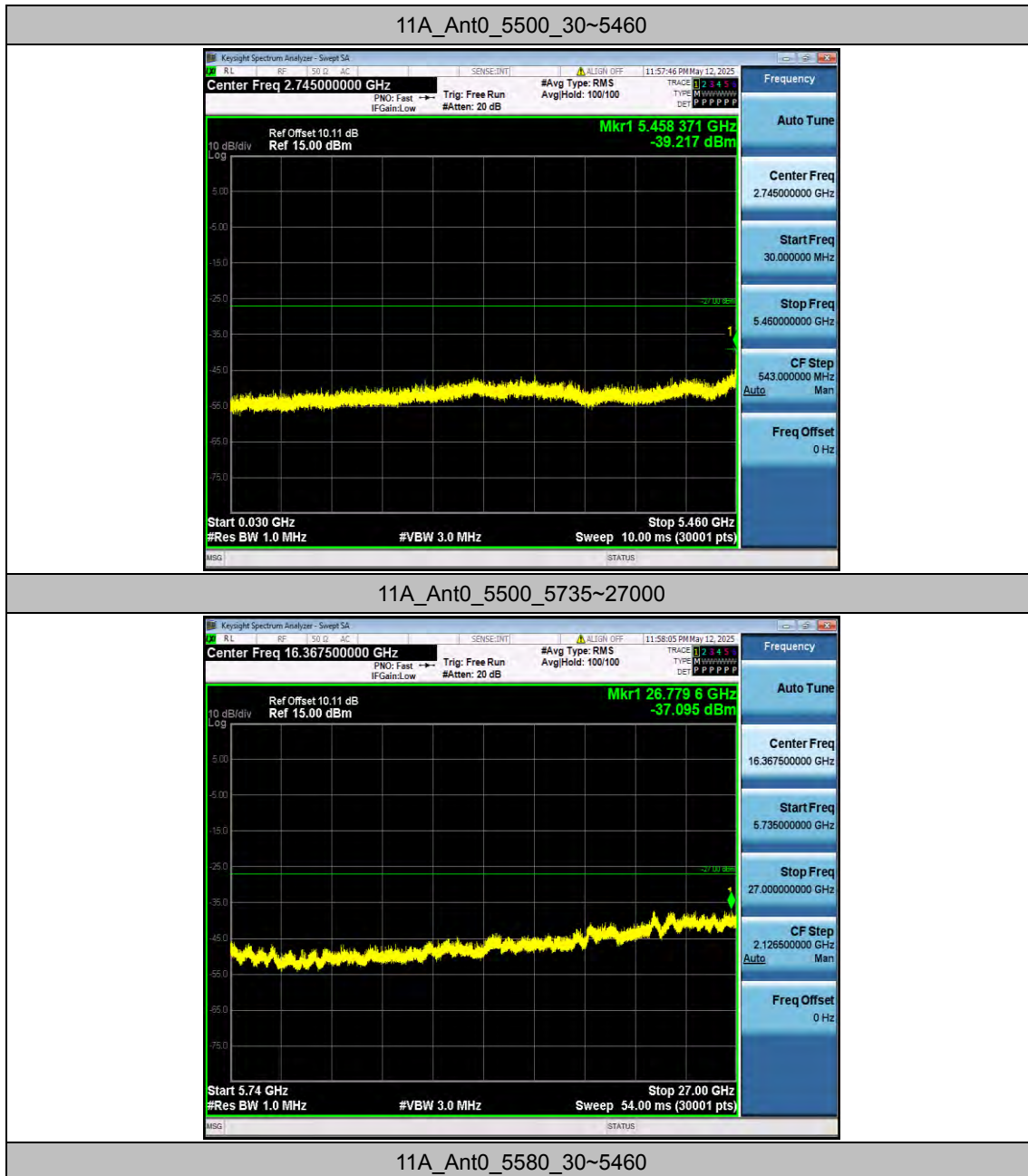
Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5500	30~5460	5458.37	-39.22	≤-27	PASS
			5735~27000	26779.55	-37.1	≤-27	PASS
		5580	30~5460	5435.57	-45.65	≤-27	PASS
			5735~27000	24901.85	-36.78	≤-27	PASS
		5700	30~5460	5400.27	-45.41	≤-27	PASS
			5735~27000	23538.06	-36.34	≤-27	PASS
11N20SISO	Ant0	5500	30~5460	5448.42	-40.73	≤-27	PASS
			5735~27000	26563.36	-35.98	≤-27	PASS
		5580	30~5460	5397.19	-45.2	≤-27	PASS
			5735~27000	25020.94	-37.29	≤-27	PASS
		5700	30~5460	2663.55	-45.73	≤-27	PASS
			5735~27000	24212.87	-36.95	≤-27	PASS
11N40SISO	Ant0	5510	30~5460	5452.58	-37.65	≤-27	PASS
			5735~27000	25188.93	-37.08	≤-27	PASS
		5590	30~5460	5431.76	-45.83	≤-27	PASS
			5735~27000	26693.08	-37.15	≤-27	PASS
		5670	30~5460	2699.03	-46.24	≤-27	PASS
			5735~27000	24266.03	-37.15	≤-27	PASS
11AC20SISO	Ant0	5500	30~5460	5454.39	-40.26	≤-27	PASS
			5735~27000	25682.99	-36.99	≤-27	PASS
		5580	30~5460	5456.2	-44.94	≤-27	PASS
			5735~27000	24236.97	-37	≤-27	PASS
		5700	30~5460	5379.46	-44.55	≤-27	PASS
			5735~27000	26934.08	-36.5	≤-27	PASS
11AC40SISO	Ant0	5510	30~5460	5458.01	-38.05	≤-27	PASS
			5735~27000	24323.45	-36.76	≤-27	PASS
		5590	30~5460	5456.02	-45.13	≤-27	PASS
			5735~27000	26562.65	-36.04	≤-27	PASS
		5670	30~5460	5448.78	-45.21	≤-27	PASS
			5735~27000	24867.83	-36.1	≤-27	PASS
11AC80SISO	Ant0	5530	30~5460	5453.67	-38.98	≤-27	PASS
			5735~27000	26033.15	-37.15	≤-27	PASS
		5610	30~5460	5394.66	-44.85	≤-27	PASS
			5735~27000	25473.88	-36.53	≤-27	PASS
11AX20SISO	Ant0	5500	30~5460	5458.01	-40.2	≤-27	PASS
			5735~27000	24688.49	-37.49	≤-27	PASS

		5580	30~5460	5402.8	-44.83	≤ -27	PASS
			5735~27000	24221.37	-37.35	≤ -27	PASS
		5700	30~5460	5385.43	-45.25	≤ -27	PASS
			5735~27000	24370.23	-37.08	≤ -27	PASS
11AX40SISO	Ant0	5510	30~5460	5456.2	-39.01	≤ -27	PASS
			5735~27000	24212.87	-35.95	≤ -27	PASS
		5590	30~5460	5431.76	-45.17	≤ -27	PASS
			5735~27000	24227.75	-36.42	≤ -27	PASS
		5670	30~5460	2621.74	-44.77	≤ -27	PASS
			5735~27000	26080.64	-36.9	≤ -27	PASS
11AX80SISO	Ant0	5530	30~5460	5458.73	-38.86	≤ -27	PASS
			5735~27000	26822.79	-37	≤ -27	PASS
		5610	30~5460	5459.46	-45.23	≤ -27	PASS
			5735~27000	26034.57	-37.02	≤ -27	PASS

Test Graphs

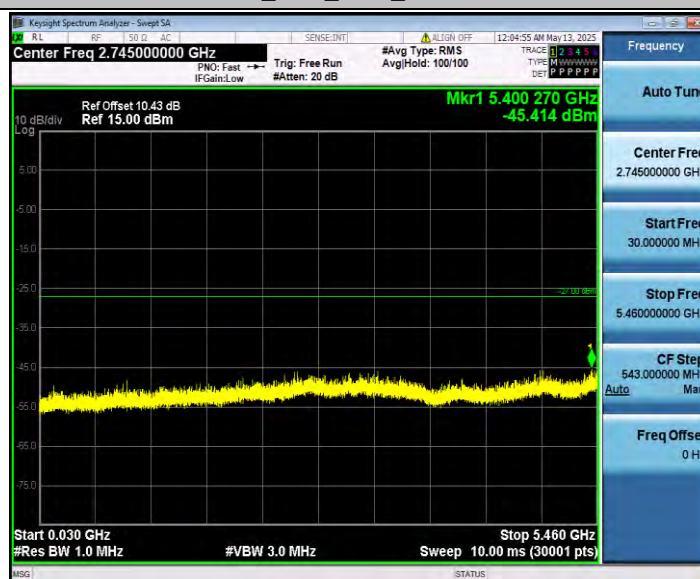




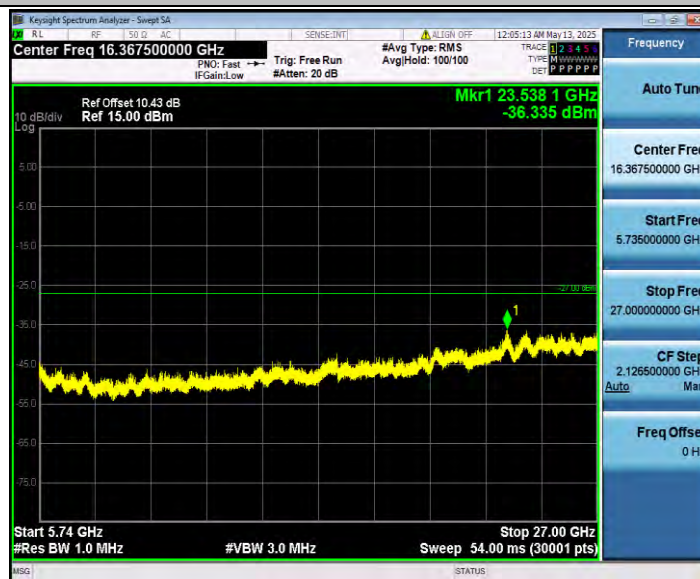
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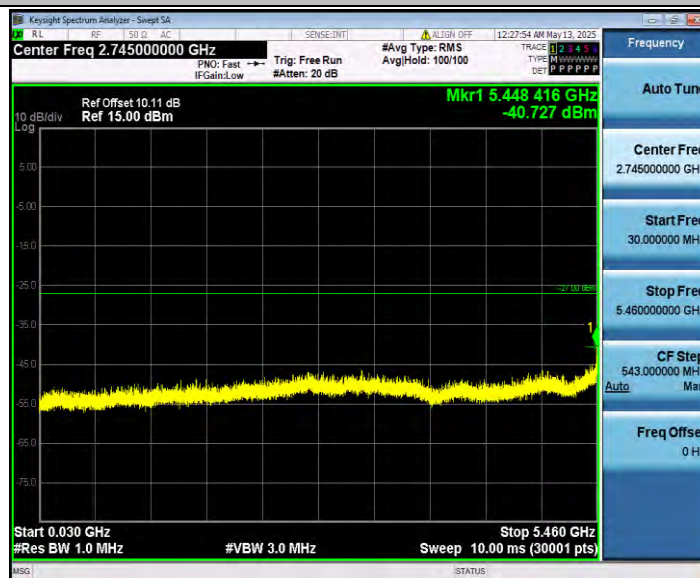
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11A_Ant0_5700_5735~27000



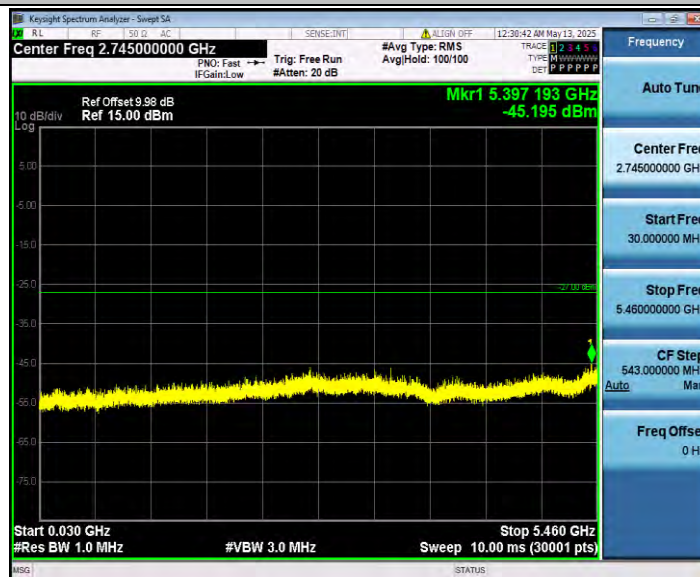
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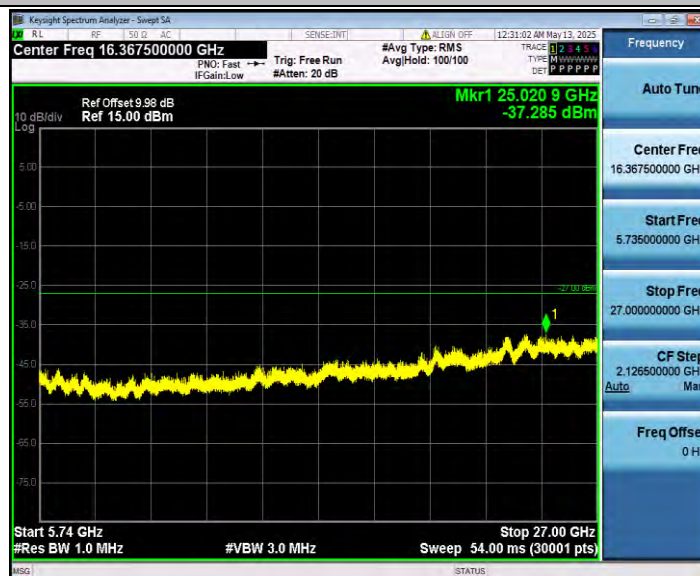
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11N20SISO_Ant0_5580_30~5460



11N20SISO_Ant0_5580_5735~27000



11N20SISO_Ant0_5700_30~5460



11N20SISO_Ant0_5700_5735~27000



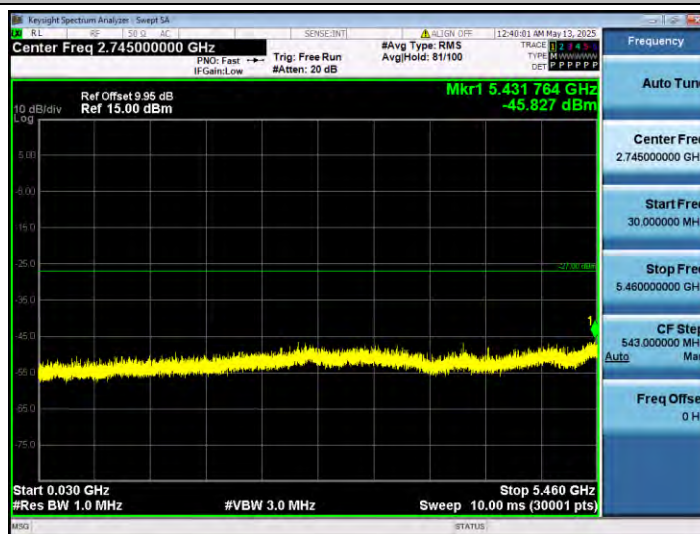
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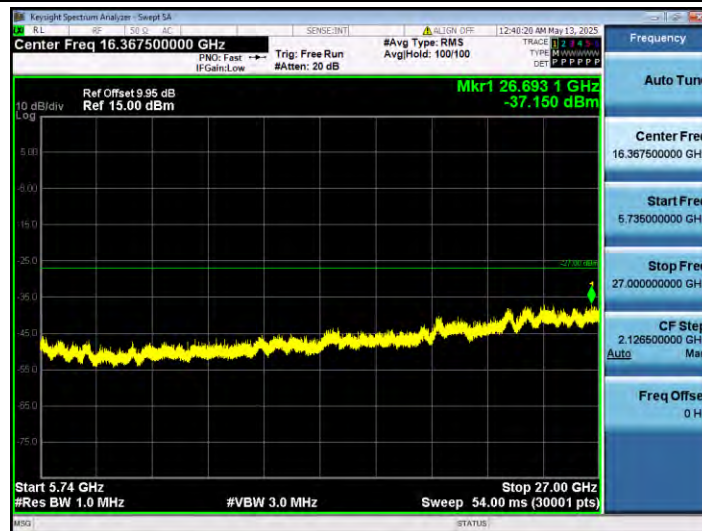
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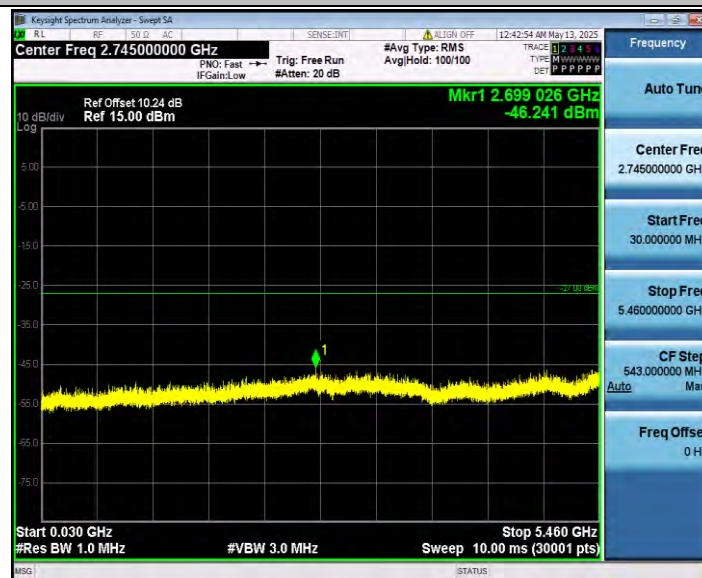
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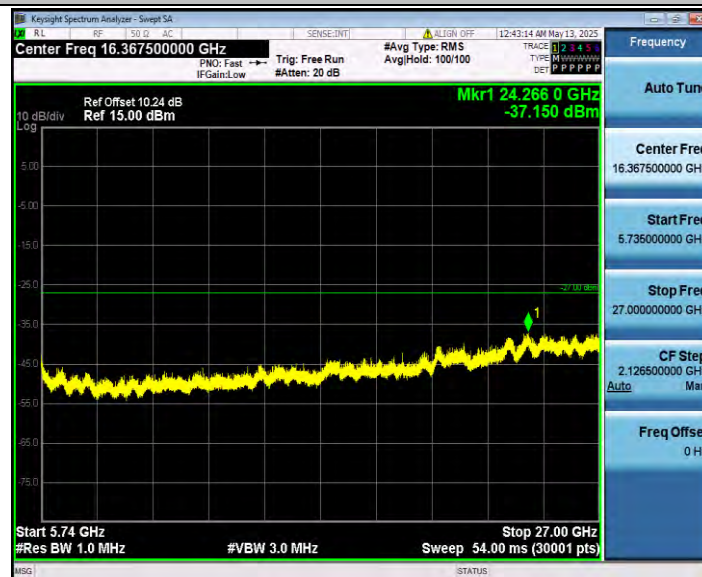
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11N40SISO_Ant0_5670_30~5460



11N40SISO_Ant0_5670_5735~27000



11AC20SISO_Ant0_5500_30~5460



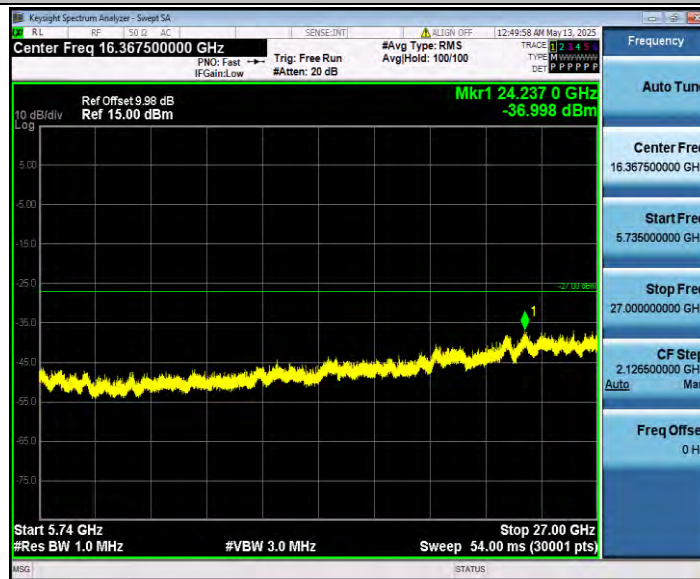
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11AC20SISO_Ant0_5580_30~5460



11AC20SISO_Ant0_5580_5735~27000



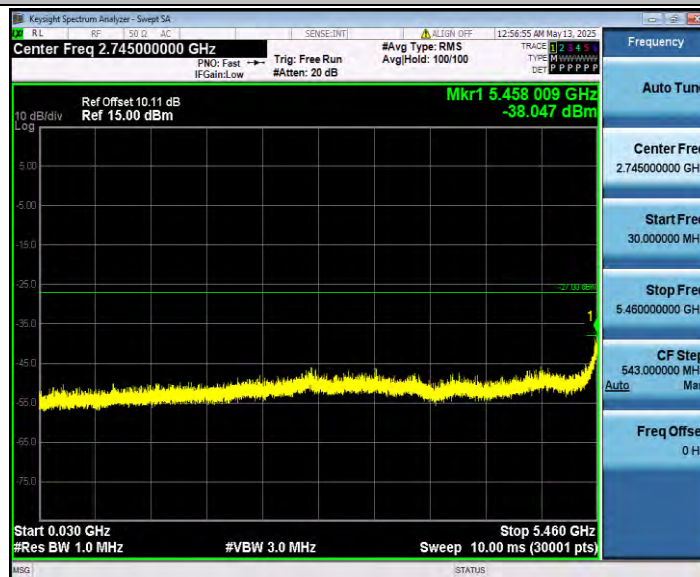
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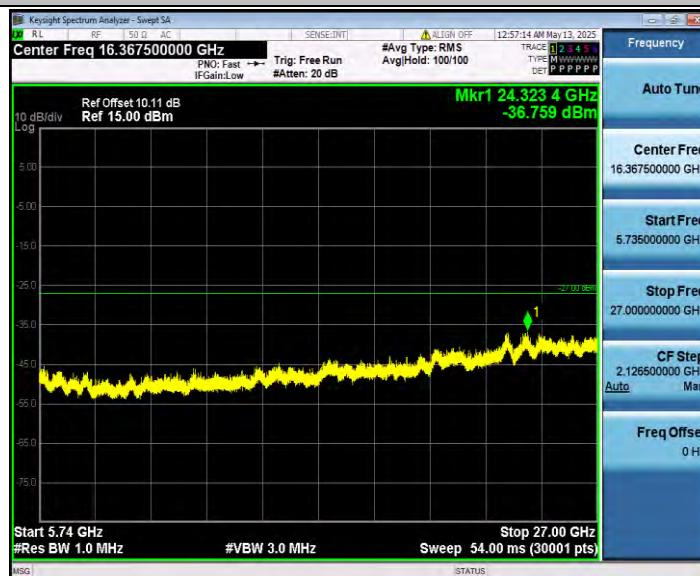
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11AC40SISO_Ant0_5510_30~5460



11AC40SISO_Ant0_5510_5735~27000



11AC40SISO_Ant0_5590_30~5460



11AC40SISO_Ant0_5590_5735~27000



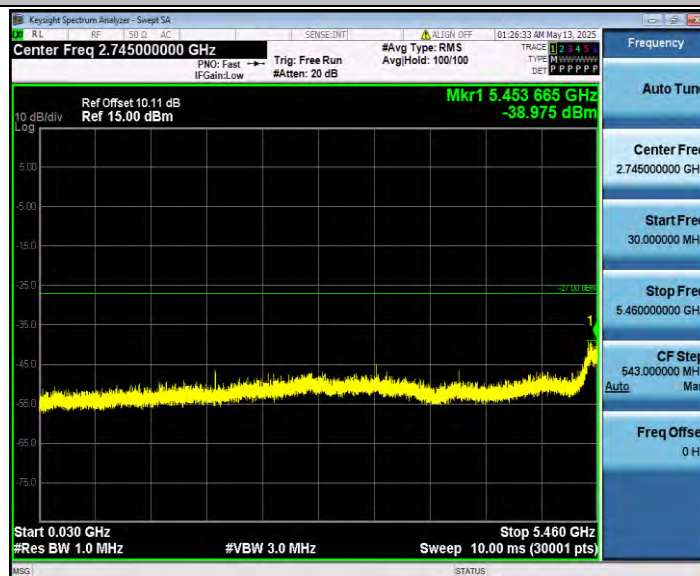
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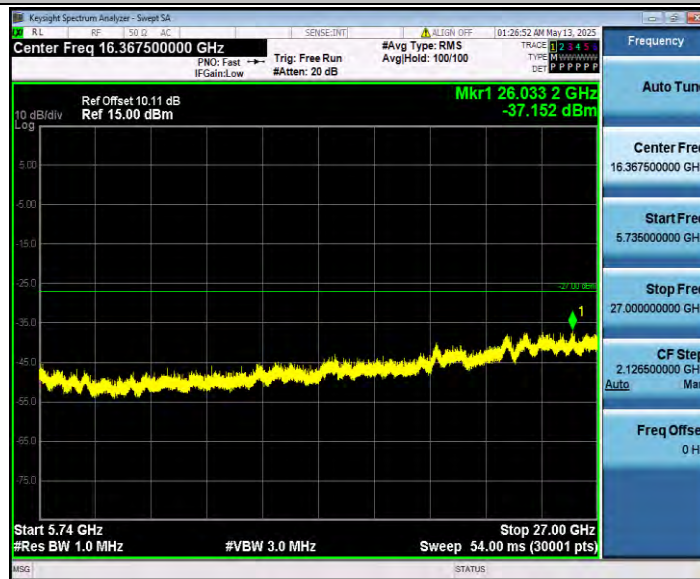
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11AC80SISO_Ant0_5530_30~5460



11AC80SISO_Ant0_5530_5735~27000



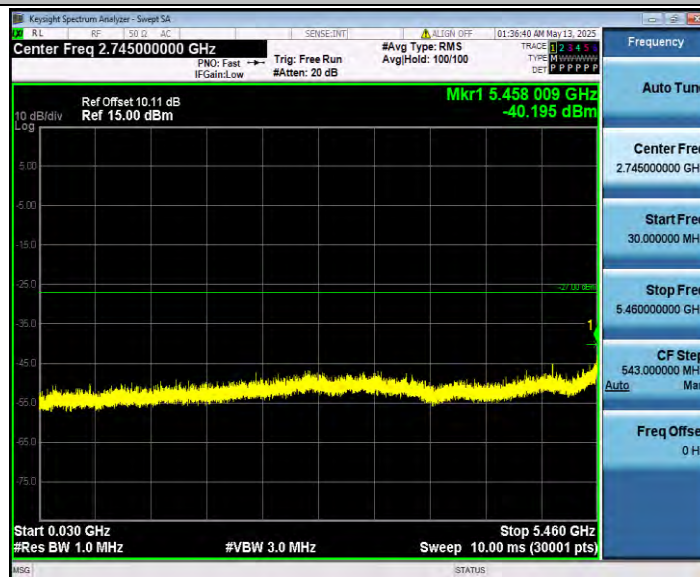
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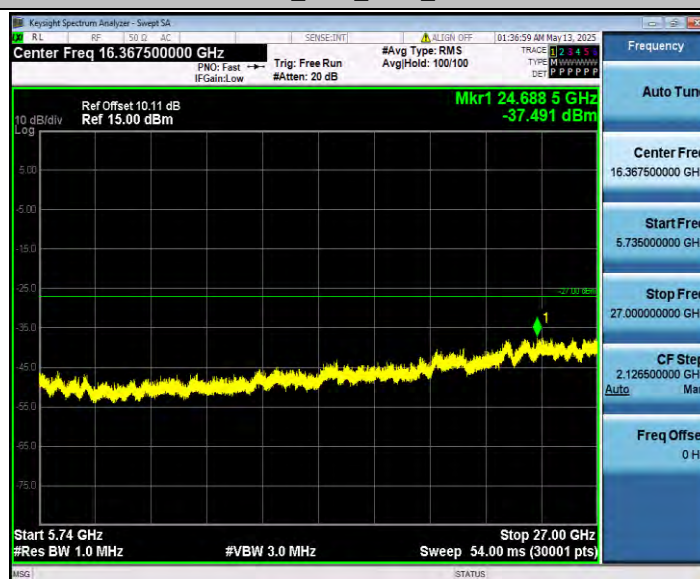
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11AX20SISO_Ant0_5500_30~5460



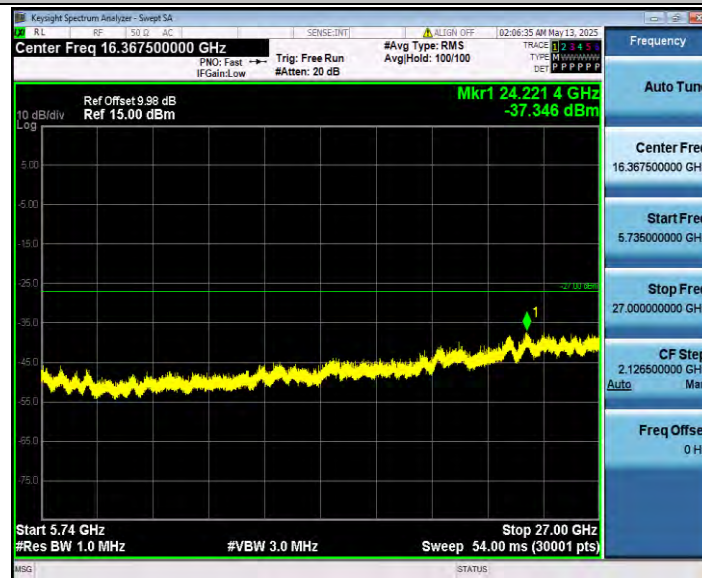
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11AX20SISO_Ant0_5580_30~5460



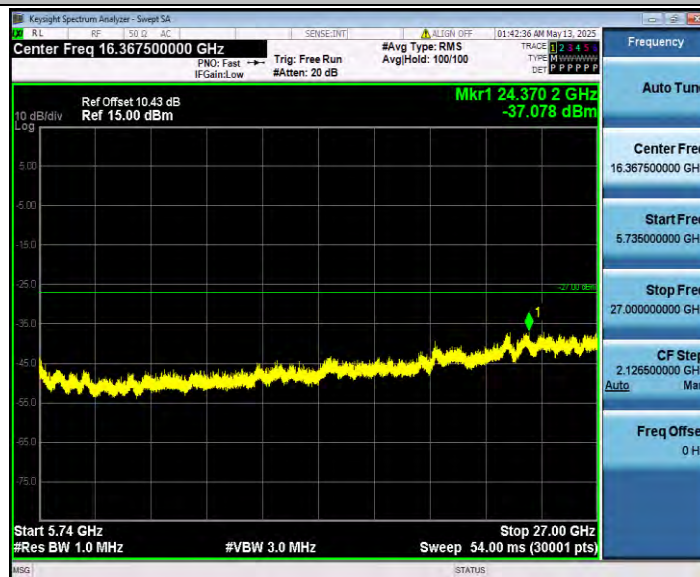
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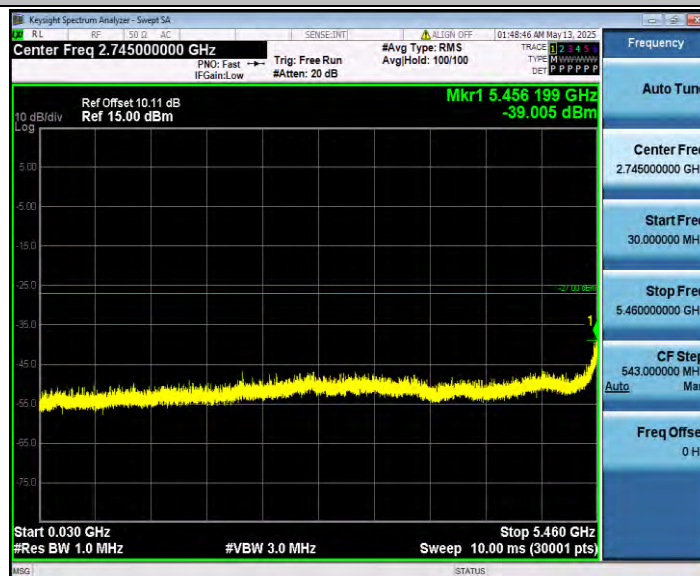
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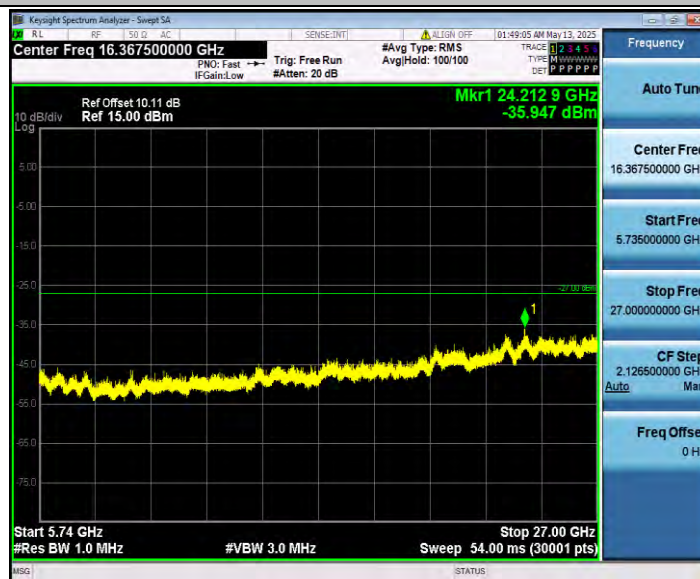
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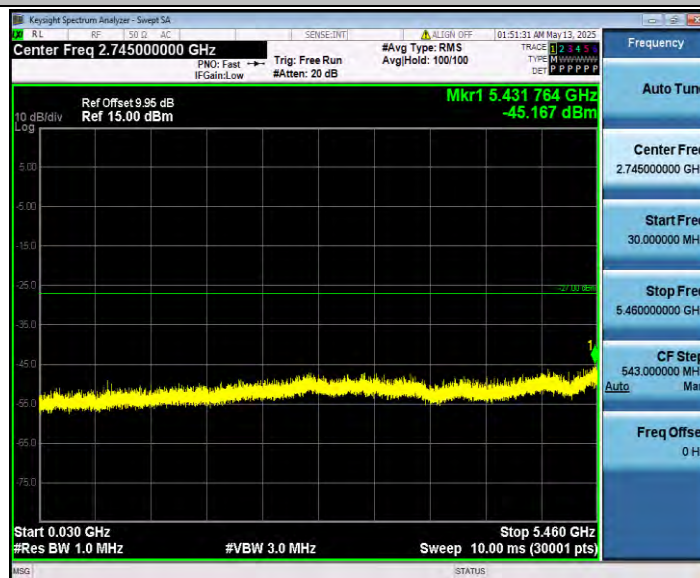
11AX40SISO_Ant0_5510_30~5460



11AX40SISO_Ant0_5510_5735~27000



11AX40SISO_Ant0_5590_30~5460



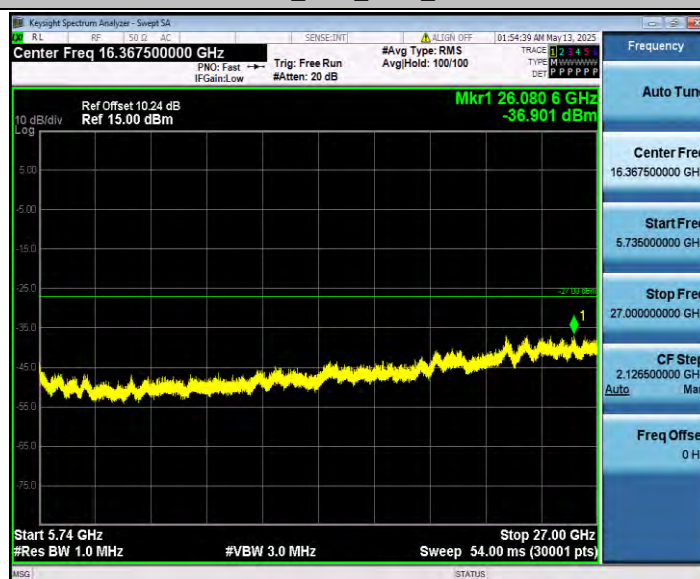
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11AX40SISO_Ant0_5670_30~5460



11AX40SISO_Ant0_5670_5735~27000



11AX80SISO_Ant0_5530_30~5460



11AX80SISO_Ant0_5530_5735~27000



11AX80SISO_Ant0_5610_30~5460

