

Appendix E.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	5745	11.10	97.65	0.10	11.20	≤30.00	PASS
		5785	12.56	97.66	0.10	12.66	≤30.00	PASS
		5825	13.62	98.12	0.08	13.70	≤30.00	PASS
11N20SISO	Ant0	5745	11.37	97.66	0.10	11.47	≤30.00	PASS
		5785	12.98	97.65	0.10	13.08	≤30.00	PASS
		5825	14.29	97.65	0.10	14.39	≤30.00	PASS
11N40SISO	Ant0	5755	11.81	98.76	0.05	11.86	≤30.00	PASS
		5795	13.38	98.76	0.05	13.43	≤30.00	PASS
11AC20SISO	Ant0	5745	12.17	98.75	0.05	12.22	≤30.00	PASS
		5785	12.83	98.75	0.05	12.88	≤30.00	PASS
		5825	13.94	99.00	0.04	13.98	≤30.00	PASS
11AC40SISO	Ant0	5755	11.80	98.75	0.05	11.85	≤30.00	PASS
		5795	13.29	98.75	0.05	13.34	≤30.00	PASS
11AC80SISO	Ant0	5775	12.70	99.00	0.04	12.74	≤30.00	PASS
11AX20SISO	Ant0	5745	11.60	99.01	0.04	11.64	≤30.00	PASS
		5785	12.76	98.76	0.05	12.81	≤30.00	PASS
		5825	13.73	98.76	0.05	13.78	≤30.00	PASS
11AX40SISO	Ant0	5755	11.54	98.76	0.05	11.59	≤30.00	PASS
		5795	12.96	99.01	0.04	13.00	≤30.00	PASS
11AX80SISO	Ant0	5775	12.40	99.01	0.04	12.44	≤30.00	PASS

Appendix E.5: Maximum power spectral density

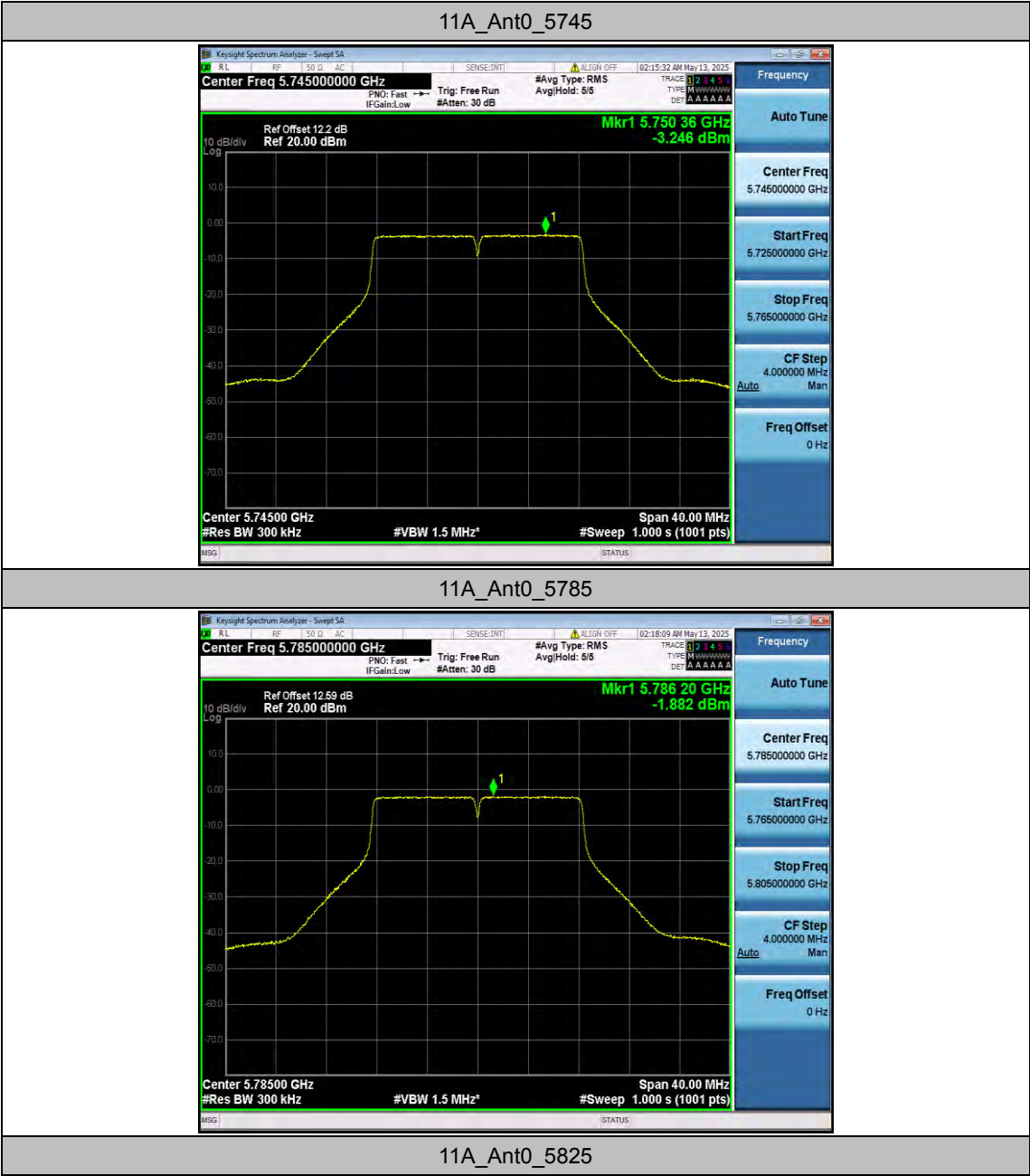
Test Result

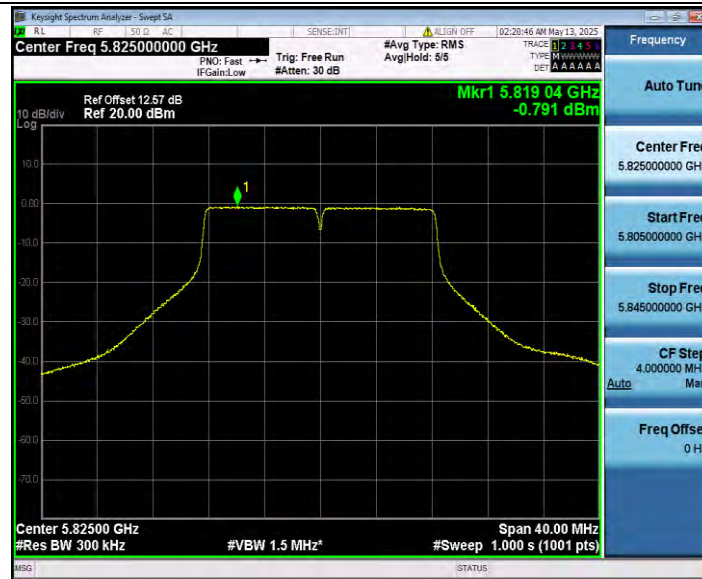
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-3.25	≤30.00	PASS
		5785	-1.88	≤30.00	PASS
		5825	-0.79	≤30.00	PASS
11N20SISO	Ant0	5745	-3.18	≤30.00	PASS
		5785	-1.59	≤30.00	PASS
		5825	-0.39	≤30.00	PASS
11N40SISO	Ant0	5755	-6.14	≤30.00	PASS
		5795	-4.48	≤30.00	PASS
11AC20SISO	Ant0	5745	-3.00	≤30.00	PASS
		5785	-1.90	≤30.00	PASS
		5825	-0.91	≤30.00	PASS
11AC40SISO	Ant0	5755	-5.88	≤30.00	PASS
		5795	-4.38	≤30.00	PASS
11AC80SISO	Ant0	5775	-7.61	≤30.00	PASS
11AX20SISO	Ant0	5745	-3.72	≤30.00	PASS
		5785	-2.50	≤30.00	PASS
		5825	-1.30	≤30.00	PASS
11AX40SISO	Ant0	5755	-6.43	≤30.00	PASS
		5795	-5.02	≤30.00	PASS
11AX80SISO	Ant0	5775	-8.17	≤30.00	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

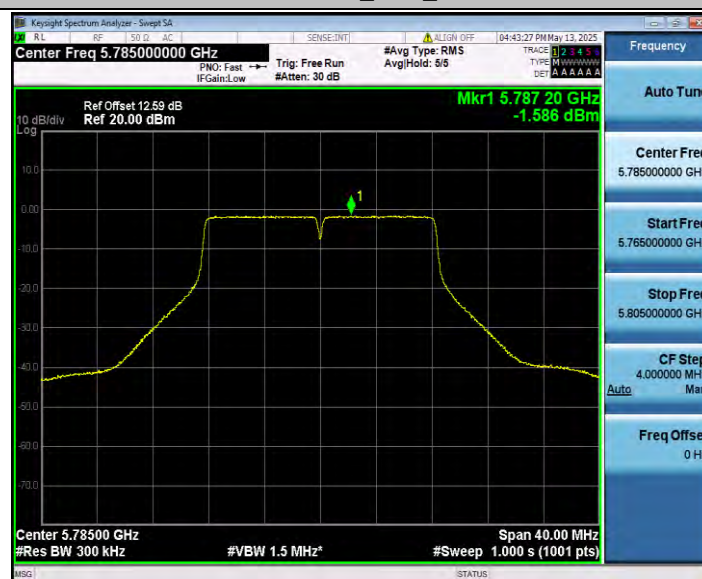




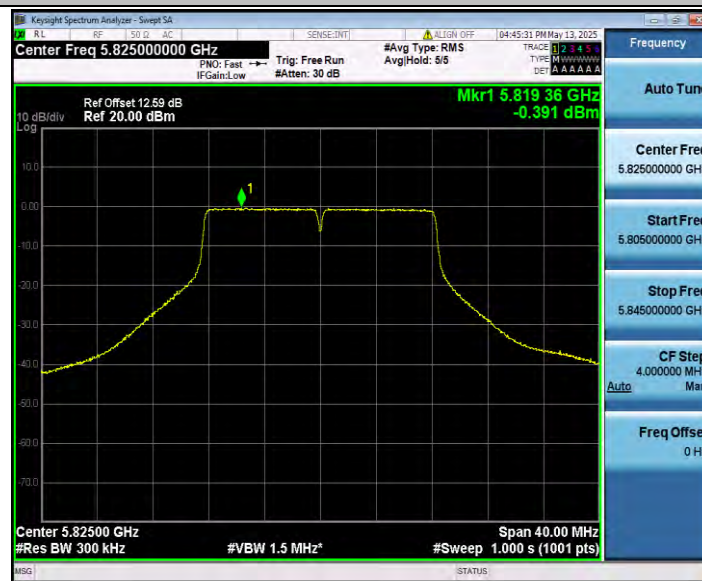
11N20SISO_Ant0_5745



11N20SISO_Ant0_5785



11N20SISO_Ant0_5825



11N40SISO_Ant0_5755



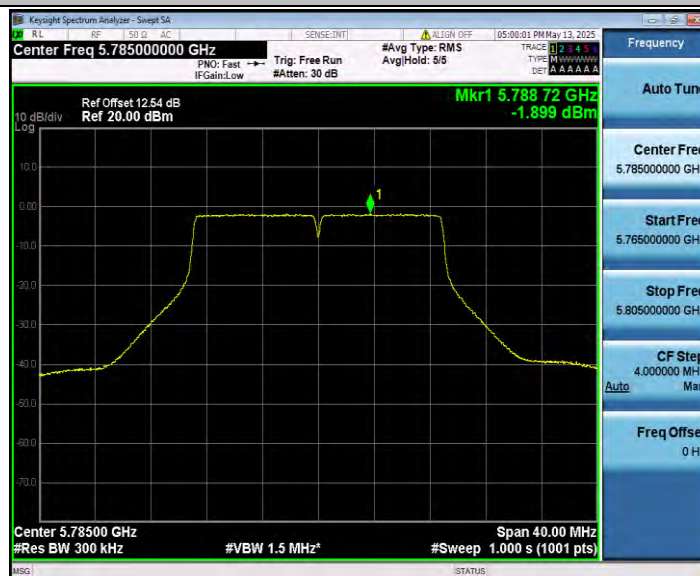
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11AC20SISO_Ant0_5745



11AC20SISO_Ant0_5785



11AC20SISO_Ant0_5825



11AC40SISO_Ant0_5755



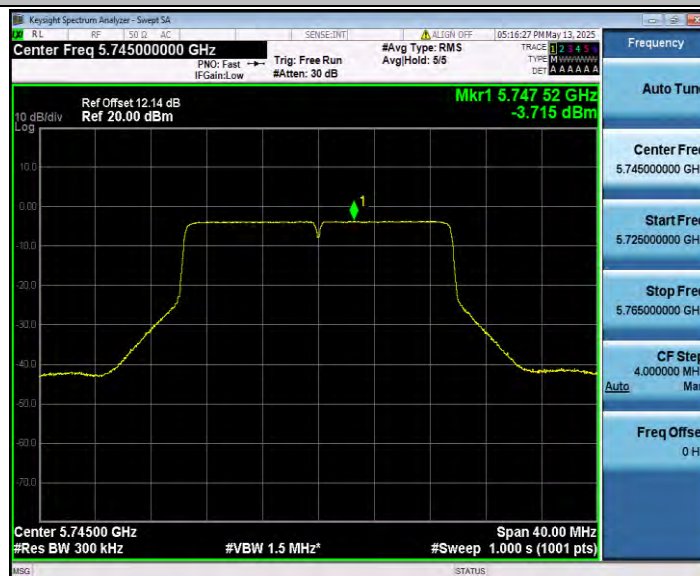
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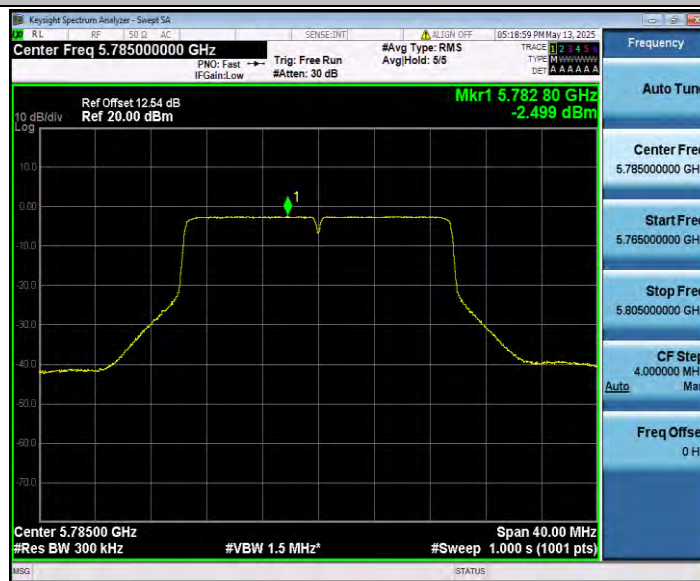
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11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775



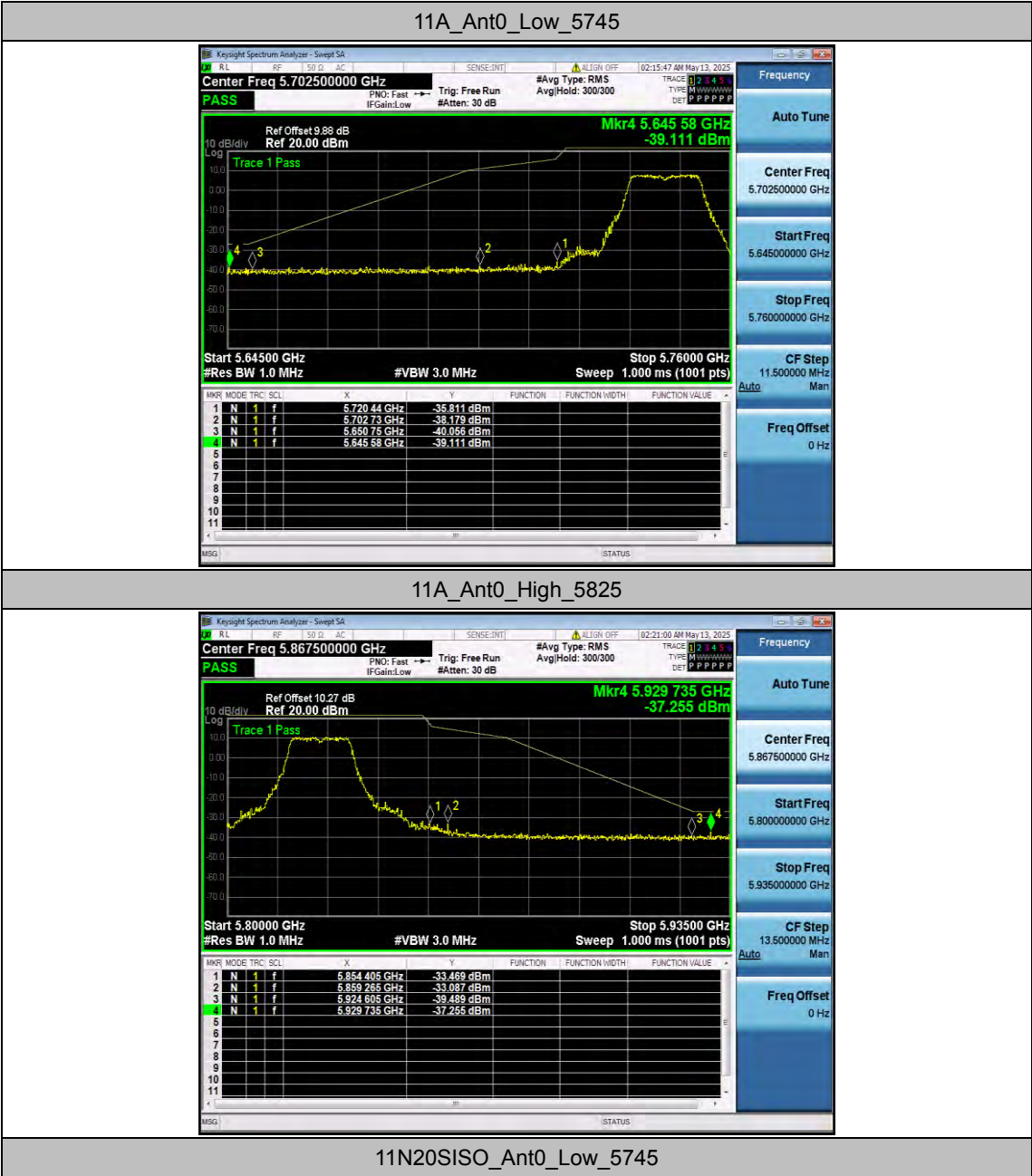
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-40.06	≤-26.45	PASS
				5700~5720	-38.18	≤10.76	PASS
				5720~5725	-35.81	≤16.60	PASS
				5760~5650	-39.11	≤-27	PASS
		High	5825	5850~5855	-33.47	≤16.96	PASS
				5855~5875	-33.09	≤14.41	PASS
				5875~5925	-39.49	≤-26.71	PASS
				5925~5935	-37.26	≤-27	PASS
11N20SI SO	Ant0	Low	5745	5650~5700	-40.28	≤-26.62	PASS
				5700~5720	-32.73	≤14.79	PASS
				5720~5725	-34.62	≤16.34	PASS
				5760~5650	-39.35	≤-27	PASS
		High	5825	5850~5855	-33.09	≤15.73	PASS
				5855~5875	-30.18	≤15.43	PASS
				5875~5925	-38.79	≤-26.81	PASS
				5925~5935	-37.81	≤-27	PASS
11N40SI SO	Ant0	Low	5755	5650~5700	-38.37	≤-25.61	PASS
				5700~5720	-33.15	≤13.01	PASS
				5720~5725	-33.38	≤16.97	PASS
				5780~5650	-38.2	≤-27	PASS
		High	5795	5850~5855	-35.67	≤16.79	PASS
				5855~5875	-37.03	≤10.53	PASS
				5875~5925	-38.64	≤-26.59	PASS
				5925~5935	-38.05	≤-27	PASS
11AC20S ISO	Ant0	Low	5745	5650~5700	-40.89	≤-26.96	PASS
				5700~5720	-38.92	≤10.06	PASS
				5720~5725	-32.55	≤18.44	PASS
				5760~5650	-39.34	≤-27	PASS
		High	5825	5850~5855	-33.61	≤16.03	PASS
				5855~5875	-31.98	≤15.01	PASS
				5875~5925	-37.84	≤-26.71	PASS
				5925~5935	-38.17	≤-27	PASS
11AC40S ISO	Ant0	Low	5755	5650~5700	-39.91	≤-26.80	PASS
				5700~5720	-33.89	≤13.31	PASS
				5720~5725	-33	≤15.74	PASS
				5780~5650	-38.9	≤-27	PASS

		High	5795	5850~5855	-35.84	≤ 15.66	PASS
				5855~5875	-36.91	≤ 11.36	PASS
				5875~5925	-39.45	≤ -26.59	PASS
				5925~5935	-38.24	≤ -27	PASS
11AC80S ISO	Ant0	Low	5775	5650~5700	-37.97	≤ -26.80	PASS
				5700~5720	-32.08	≤ 10.66	PASS
				5720~5725	-33.38	≤ 16.35	PASS
				5800~5650	-37.47	≤ -27	PASS
		High	5775	5850~5855	-33.83	≤ 16.26	PASS
				5855~5875	-36.23	≤ 10.60	PASS
				5875~5925	-39.36	≤ -26.73	PASS
				5925~5935	-38.41	≤ -27	PASS
11AX20SI SO	Ant0	Low	5745	5650~5700	-39.3	≤ -26.87	PASS
				5700~5720	-37.99	≤ 10.02	PASS
				5720~5725	-30.74	≤ 17.65	PASS
				5760~5650	-39.83	≤ -27	PASS
		High	5825	5850~5855	-34.41	≤ 16.34	PASS
				5855~5875	-30.63	≤ 14.03	PASS
				5875~5925	-38.52	≤ -26.11	PASS
				5925~5935	-38.02	≤ -27	PASS
11AX40SI SO	Ant0	Low	5755	5650~5700	-39.72	≤ -26.90	PASS
				5700~5720	-33.76	≤ 13.80	PASS
				5720~5725	-33.19	≤ 15.74	PASS
				5780~5650	-39.18	≤ -27	PASS
		High	5795	5850~5855	-36.39	≤ 16.03	PASS
				5855~5875	-37.25	≤ 10.43	PASS
				5875~5925	-38.45	≤ -25.49	PASS
				5925~5935	-38.5	≤ -27	PASS
11AX80SI SO	Ant0	Low	5775	5650~5700	-39	≤ -26.69	PASS
				5700~5720	-30.63	≤ 10.70	PASS
				5720~5725	-34.68	≤ 15.65	PASS
				5800~5650	-37.91	≤ -27	PASS
		High	5775	5850~5855	-35.49	≤ 16.26	PASS
				5855~5875	-37.19	≤ 10.81	PASS
				5875~5925	-39.79	≤ -26.87	PASS
				5925~5935	-38.96	≤ -27	PASS

Test Graphs B4

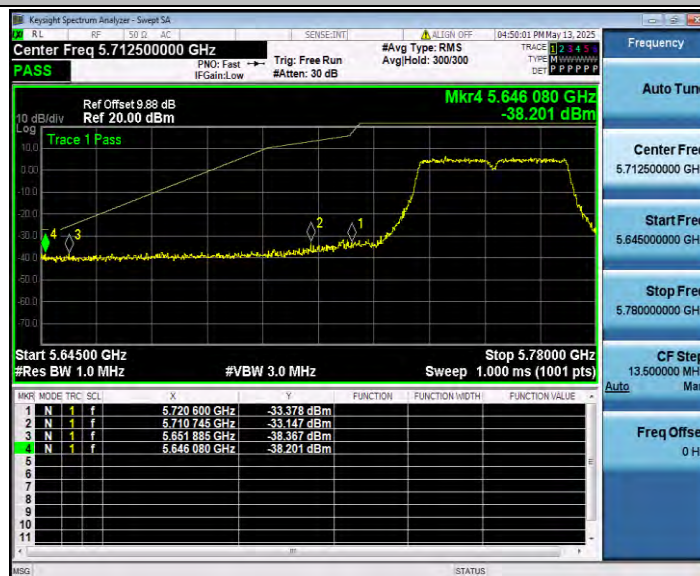




11N20SISO_Ant0_High_5825



11N40SISO_Ant0_Low_5755



11N40SISO_Ant0_High_5795



11AC20SISO_Ant0_Low_5745



11AC20SISO_Ant0_High_5825



11AC40SISO_Ant0_Low_5755



11AC40SISO_Ant0_High_5795



11AC80SISO_Ant0_Low_5775



11AC80SISO_Ant0_High_5775



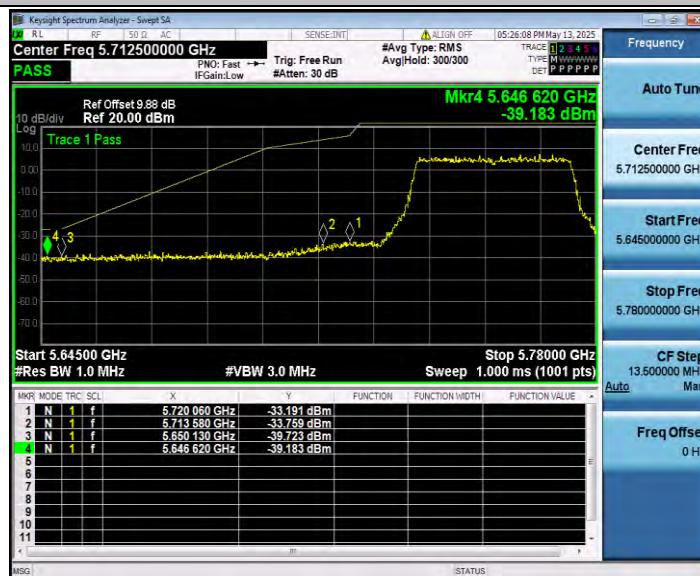
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11AX20SISO_Ant0_High_5825



11AX40SISO_Ant0_Low_5755



11AX40SISO_Ant0_High_5795



11AX80SISO_Ant0_Low_5775



11AX80SISO_Ant0_High_5775



Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	30~5650	5488.52	-39.25	≤-27	PASS
			5925~27000	25003.5	-32.24	≤-27	PASS
		5785	30~5650	5425.2	-39.54	≤-27	PASS
			5925~27000	26091.67	-31.31	≤-27	PASS
		5825	30~5650	2784.74	-39.2	≤-27	PASS
			5925~27000	24318.56	-31.74	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	4913.22	-39.89	≤-27	PASS
			5925~27000	26074.11	-31.57	≤-27	PASS
		5785	30~5650	5472.41	-39.83	≤-27	PASS
			5925~27000	24347.36	-30.47	≤-27	PASS
		5825	30~5650	5599.23	-39.77	≤-27	PASS
			5925~27000	24262.36	-31.53	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	5423.51	-40.44	≤-27	PASS
			5925~27000	25151.02	-31.44	≤-27	PASS
		5795	30~5650	5478.03	-39.27	≤-27	PASS
			5925~27000	24244.09	-31.43	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	5489.27	-40.03	≤-27	PASS
			5925~27000	24300.29	-31.28	≤-27	PASS
		5785	30~5650	2589.16	-30.54	≤-27	PASS
			5925~27000	24830.68	-31.94	≤-27	PASS
		5825	30~5650	5453.11	-39.48	≤-27	PASS
			5925~27000	26047.41	-31.79	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	5453.11	-39.48	≤-27	PASS
			5925~27000	24766.75	-31.49	≤-27	PASS
		5795	30~5650	5453.11	-39.48	≤-27	PASS
			5925~27000	26730.94	-31.15	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	2597.22	-27.26	≤-27	PASS
			5925~27000	23547.92	-31.84	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	5468.85	-39.61	≤-27	PASS
			5925~27000	24279.92	-32.27	≤-27	PASS
		5785	30~5650	5461.54	-40.27	≤-27	PASS
			5925~27000	26529.33	-31.2	≤-27	PASS
		5825	30~5650	2331.76	-39.44	≤-27	PASS
			5925~27000	24317.86	-31.99	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	2536.71	-30.75	≤-27	PASS
			5925~27000	24289.05	-31.31	≤-27	PASS

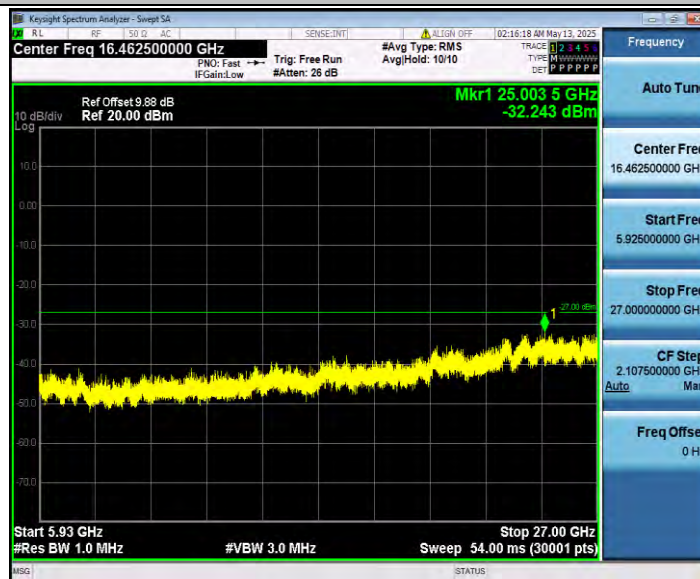
		5795	30~5650	33.37	-36.45	≤ -27	PASS
			5925~27000	26806.81	-31.54	≤ -27	PASS
11AX80SISO	Ant0	5775	30~5650	43.68	-39.12	≤ -27	PASS
			5925~27000	25194.58	-31.49	≤ -27	PASS

Test Graphs

11A_Ant0_5745_30~5650



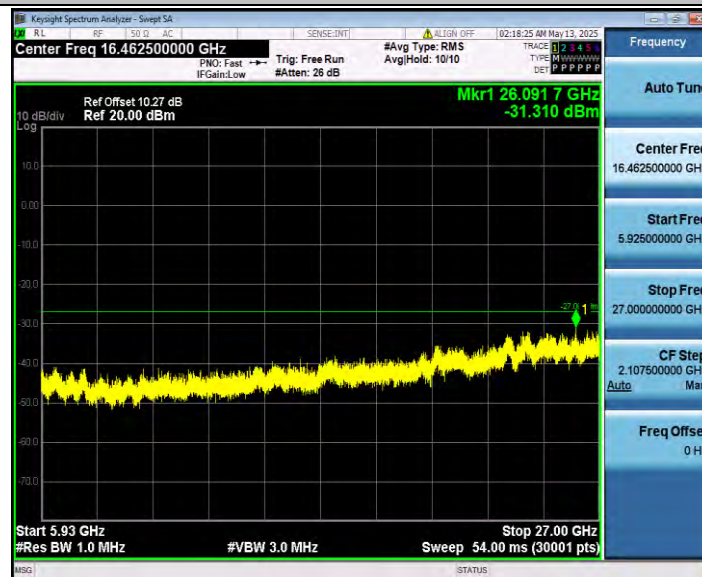
11A_Ant0_5745_5925~27000



11A_Ant0_5785_30~5650



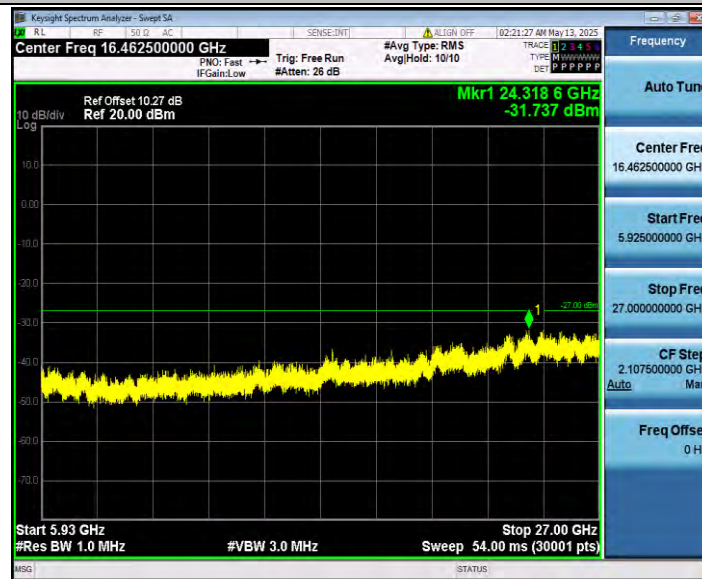
11A_Ant0_5785_5925~27000



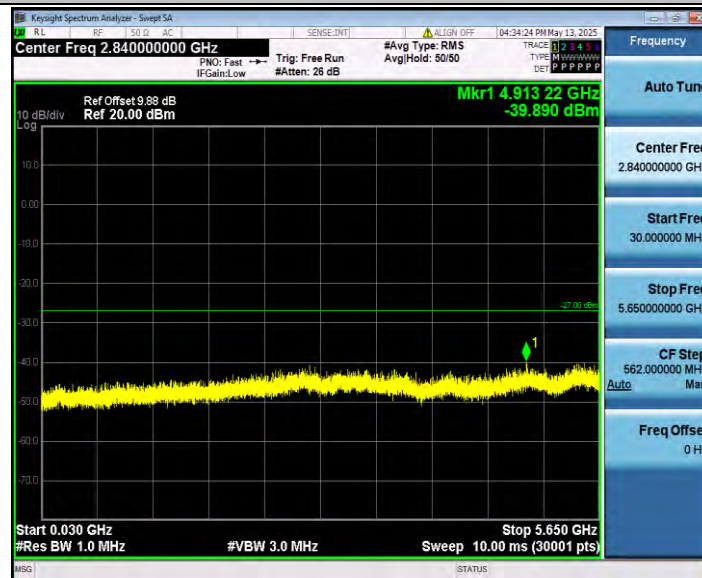
11A_Ant0_5825_30~5650



11A_Ant0_5825_5925~27000



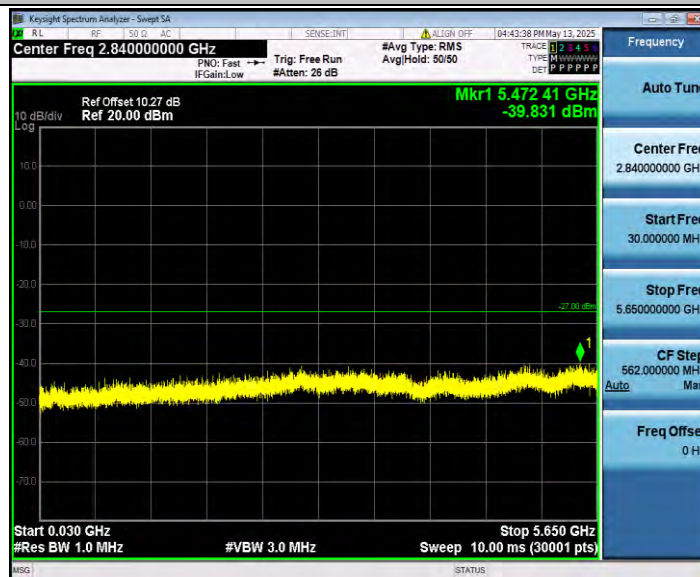
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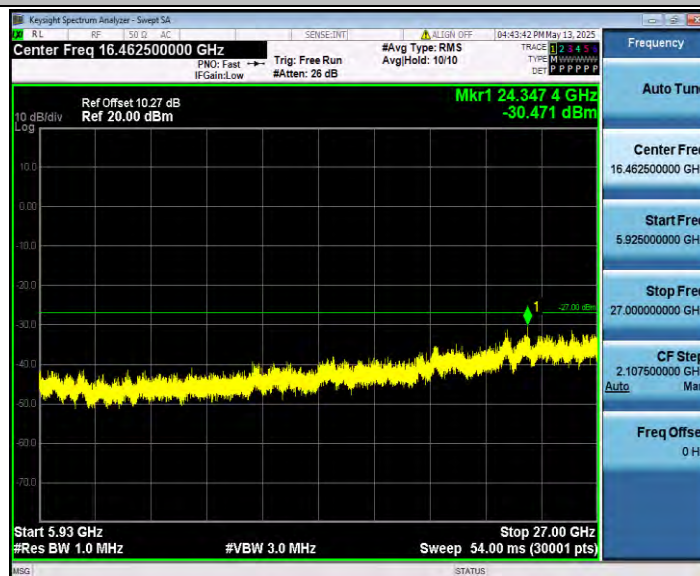
11N20SISO_Ant0_5745_5925~27000



11N20SISO_Ant0_5785_30~5650



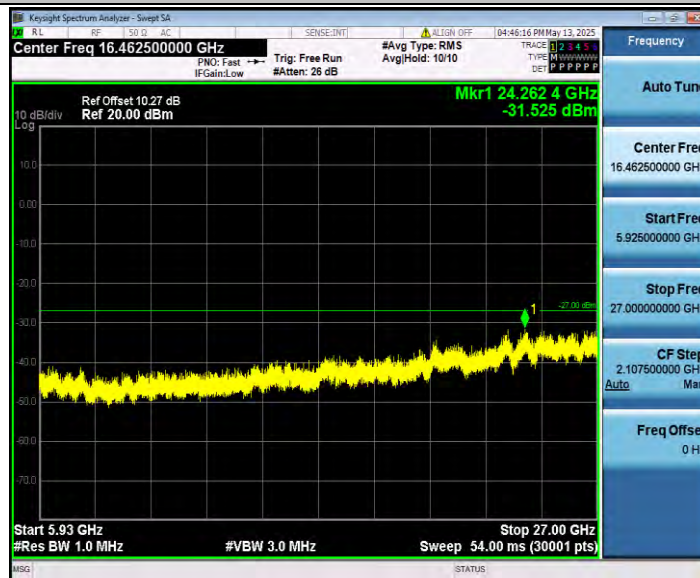
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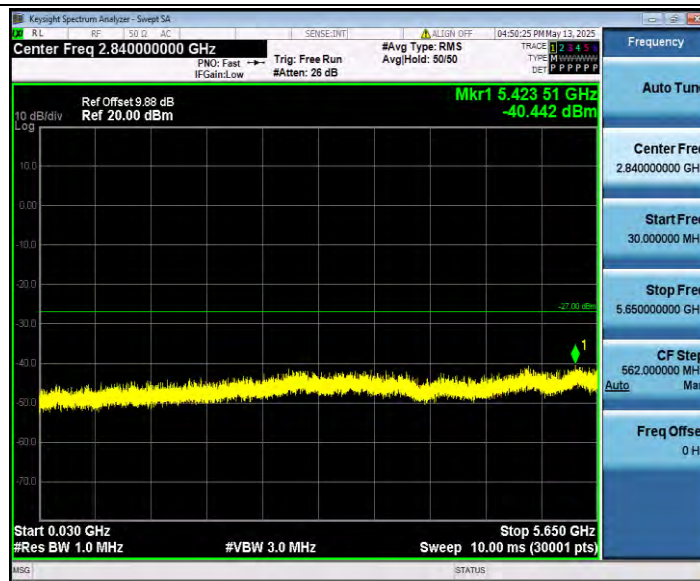
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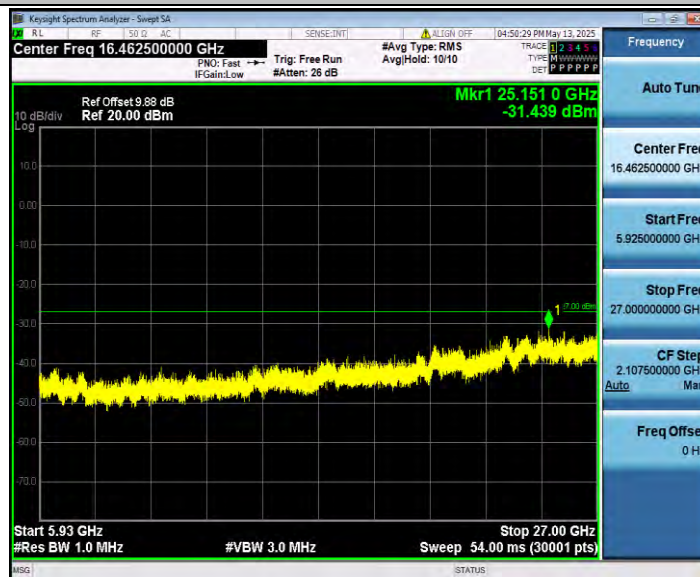
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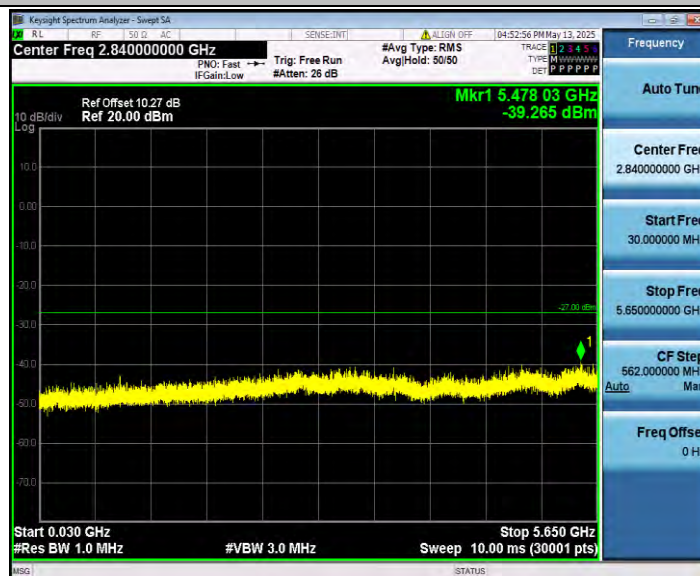
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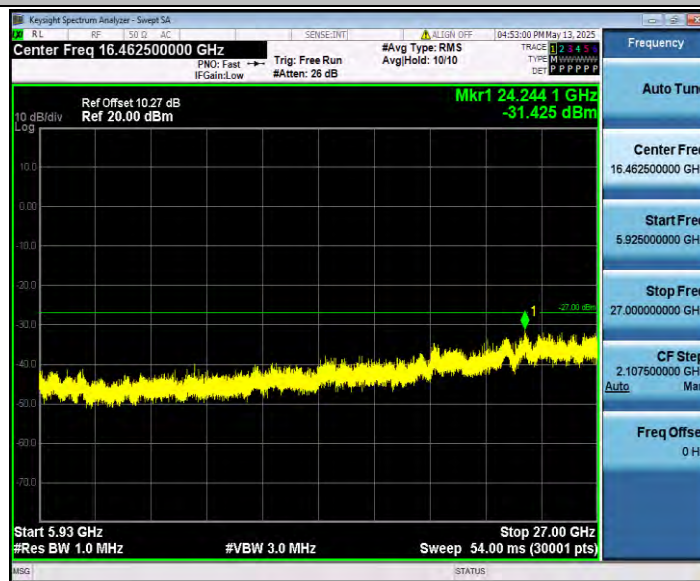
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11N40SISO_Ant0_5795_30~5650



11N40SISO_Ant0_5795_5925~27000



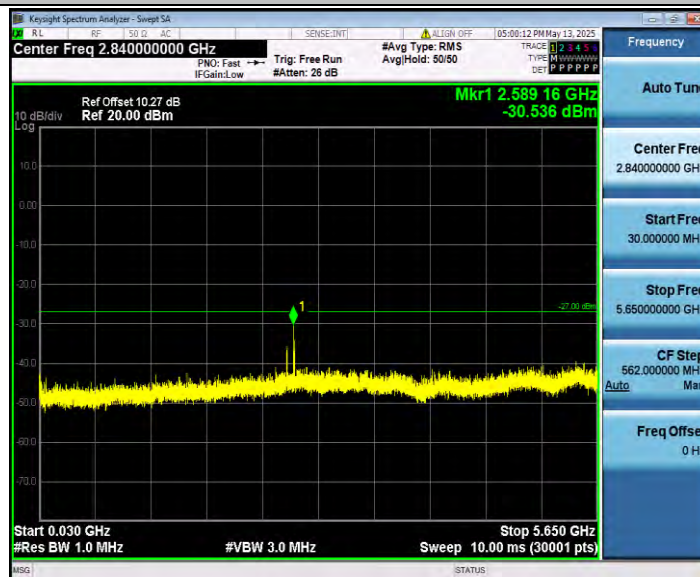
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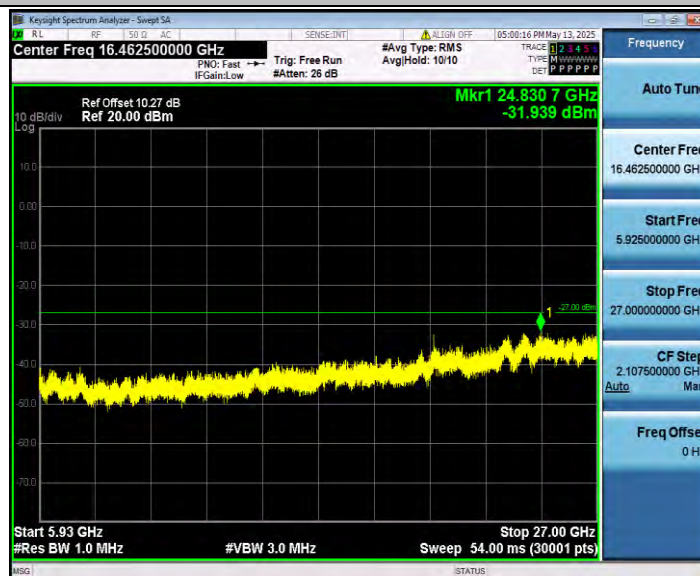
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11AC20SISO_Ant0_5785_30~5650



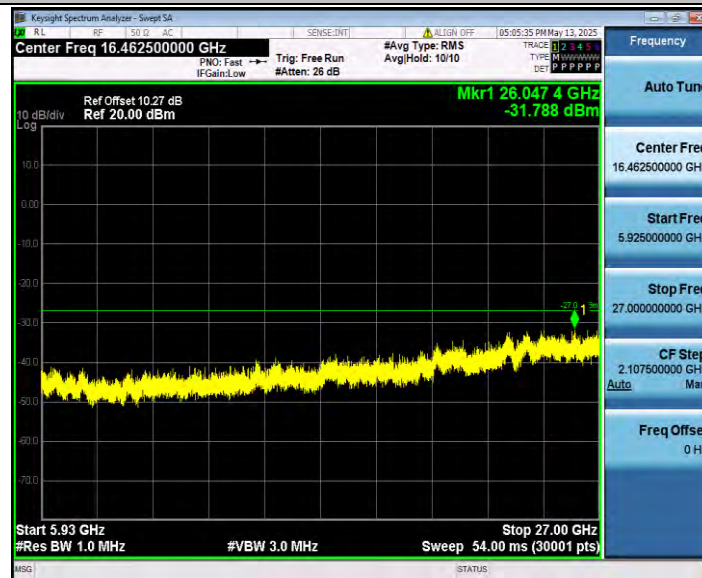
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11AC20SISO_Ant0_5825_30~5650



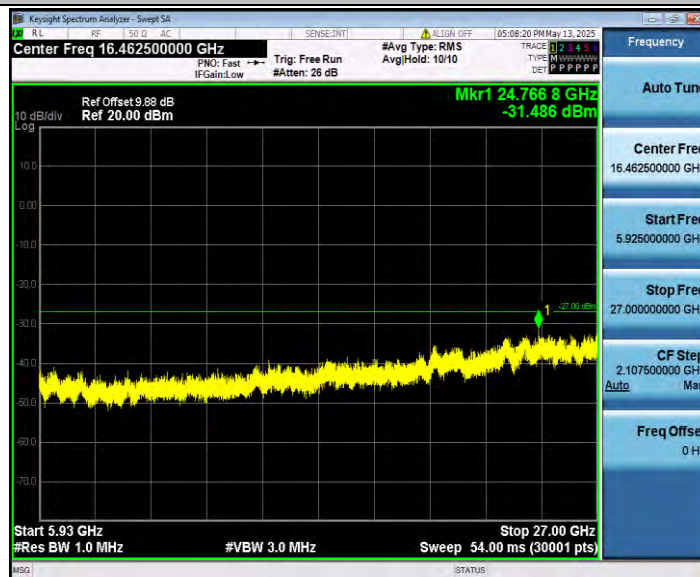
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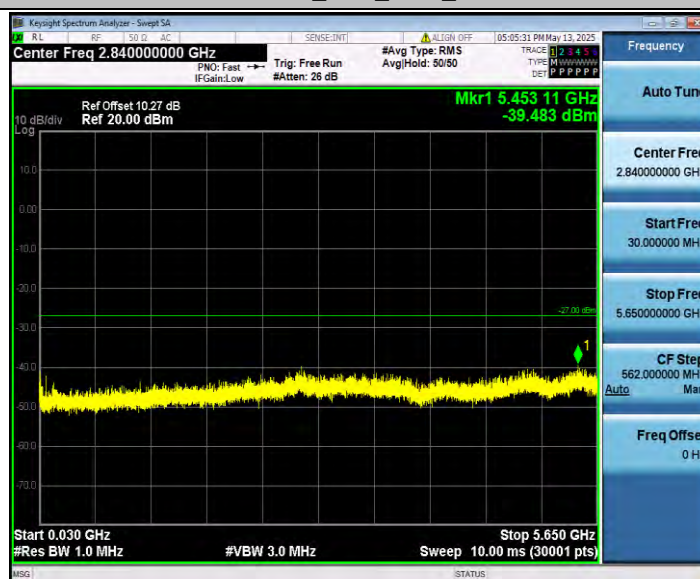
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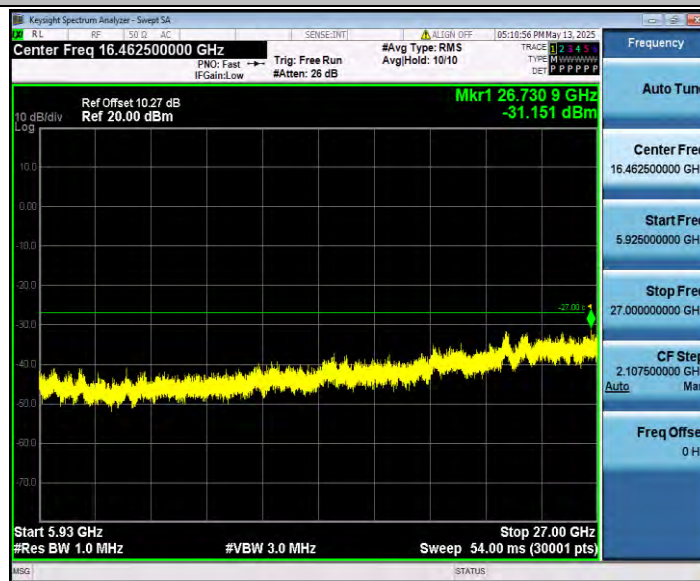
11AC40SISO_Ant0_5755_5925~27000



11AC40SISO_Ant0_5795_30~5650



11AC40SISO_Ant0_5795_5925~27000



11AC80SISO_Ant0_5775_30~5650



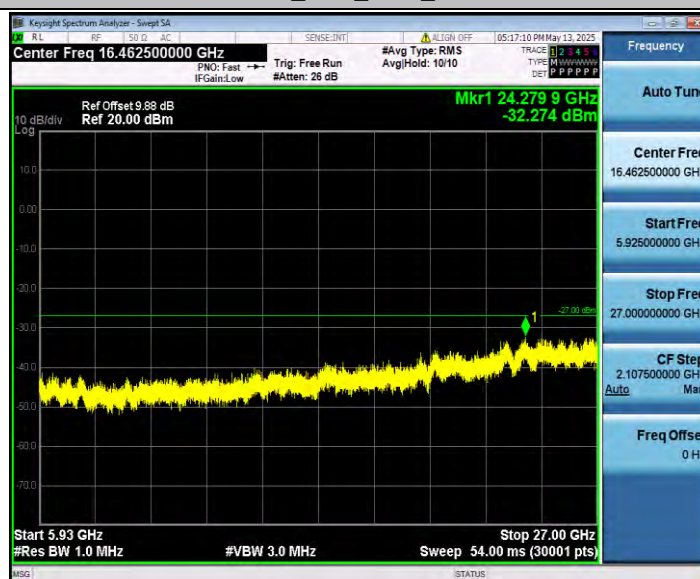
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11AX20SISO_Ant0_5745_30~5650



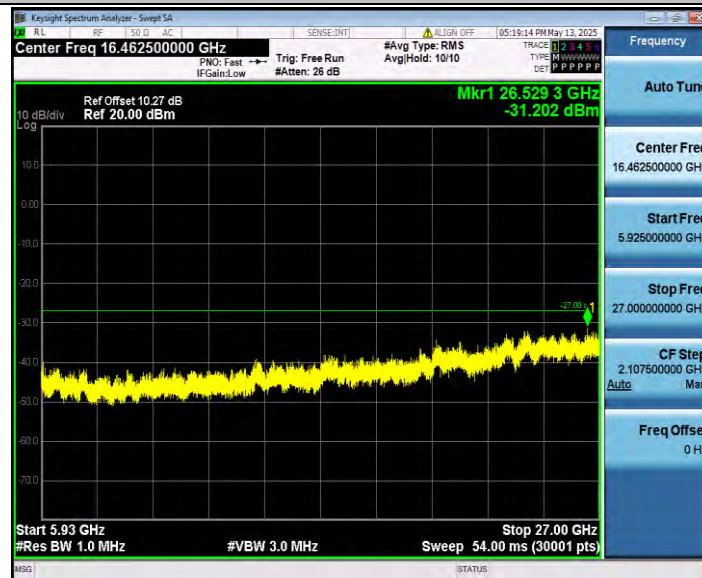
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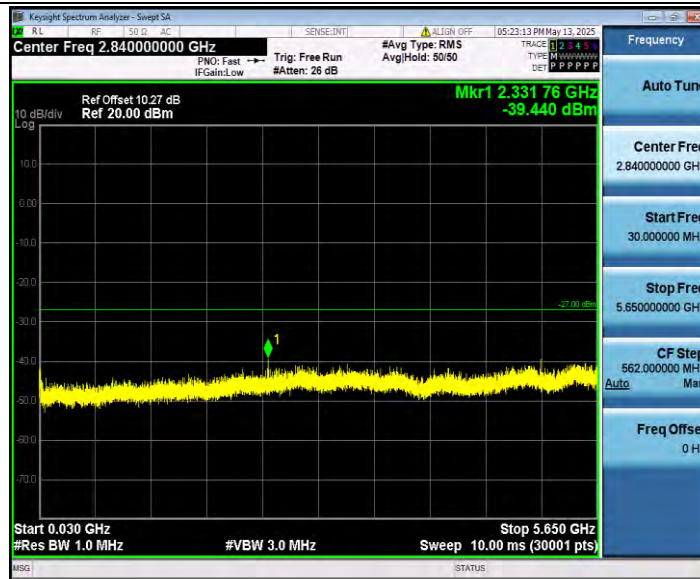
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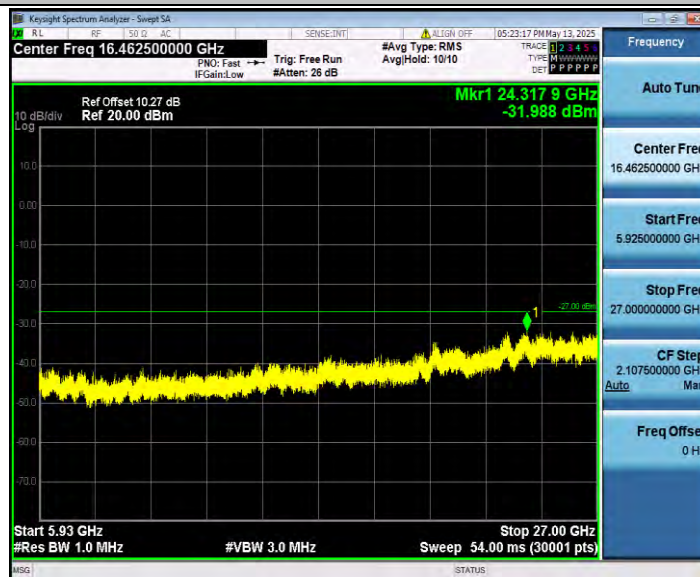
11AX20SISO_Ant0_5785_5925~27000



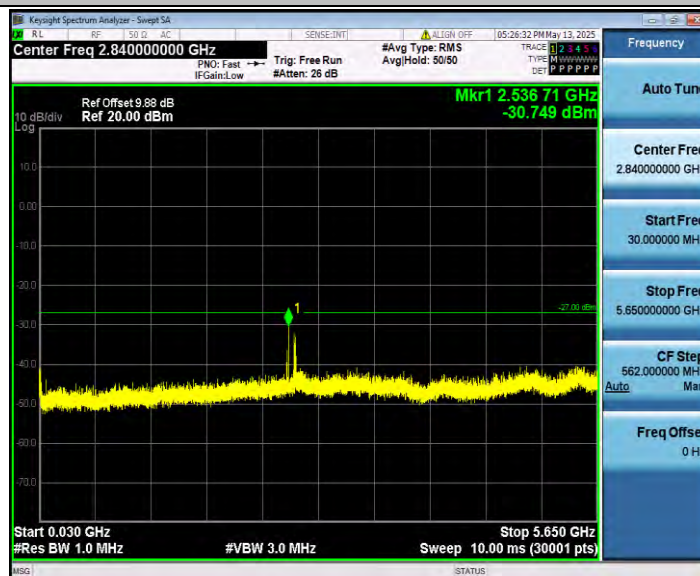
11AX20SISO_Ant0_5825_30~5650



11AX20SISO_Ant0_5825_5925~27000



11AX40SISO_Ant0_5755_30~5650



11AX40SISO_Ant0_5755_5925~27000



11AX40SISO_Ant0_5795_30~5650



11AX40SISO_Ant0_5795_5925~27000



11AX80SISO_Ant0_5775_30~5650



11AX80SISO_Ant0_5775_5925~27000

