

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	Ant1	5745	4.25	97.65	0.10	4.35	≤30.00	PASS
		5785	5.01	97.66	0.10	5.11	≤30.00	PASS
		5825	5.47	98.12	0.08	5.55	≤30.00	PASS
11N20SISO	Ant1	5745	4.23	98.76	0.05	4.28	≤30.00	PASS
		5785	5.20	98.76	0.05	5.25	≤30.00	PASS
		5825	5.57	98.76	0.05	5.62	≤30.00	PASS
11N40SISO	Ant1	5755	4.31	98.76	0.05	4.36	≤30.00	PASS
		5795	5.32	99.00	0.04	5.36	≤30.00	PASS
11AC20SISO	Ant1	5745	4.26	98.75	0.05	4.31	≤30.00	PASS
		5785	5.16	98.75	0.05	5.21	≤30.00	PASS
		5825	5.52	99.00	0.04	5.56	≤30.00	PASS
11AC40SISO	Ant1	5755	4.34	98.75	0.05	4.39	≤30.00	PASS
		5795	5.30	98.75	0.05	5.35	≤30.00	PASS
11AC80SISO	Ant1	5775	4.94	99.00	0.04	4.98	≤30.00	PASS
11AX20SISO	Ant1	5745	4.00	98.75	0.05	4.05	≤30.00	PASS
		5785	5.03	98.75	0.05	5.08	≤30.00	PASS
		5825	5.25	99.00	0.04	5.29	≤30.00	PASS
11AX40SISO	Ant1	5755	4.00	99.00	0.04	4.04	≤30.00	PASS
		5795	4.92	98.75	0.05	4.97	≤30.00	PASS
11AX80SISO	Ant1	5775	4.67	98.75	0.05	4.72	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-10.21	≤30.00	PASS
		5785	-9.34	≤30.00	PASS
		5825	-8.89	≤30.00	PASS
11N20SISO	Ant1	5745	-10.64	≤30.00	PASS
		5785	-9.78	≤30.00	PASS
		5825	-9.25	≤30.00	PASS
11N40SISO	Ant1	5755	-13.37	≤30.00	PASS
		5795	-12.37	≤30.00	PASS
11AC20SISO	Ant1	5745	-10.63	≤30.00	PASS
		5785	-9.60	≤30.00	PASS
		5825	-9.22	≤30.00	PASS
11AC40SISO	Ant1	5755	-13.44	≤30.00	PASS
		5795	-12.42	≤30.00	PASS
11AC80SISO	Ant1	5775	-15.35	≤30.00	PASS
11AX20SISO	Ant1	5745	-11.18	≤30.00	PASS
		5785	-10.34	≤30.00	PASS
		5825	-9.79	≤30.00	PASS
11AX40SISO	Ant1	5755	-14.03	≤30.00	PASS
		5795	-13.05	≤30.00	PASS
11AX80SISO	Ant1	5775	-15.82	≤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

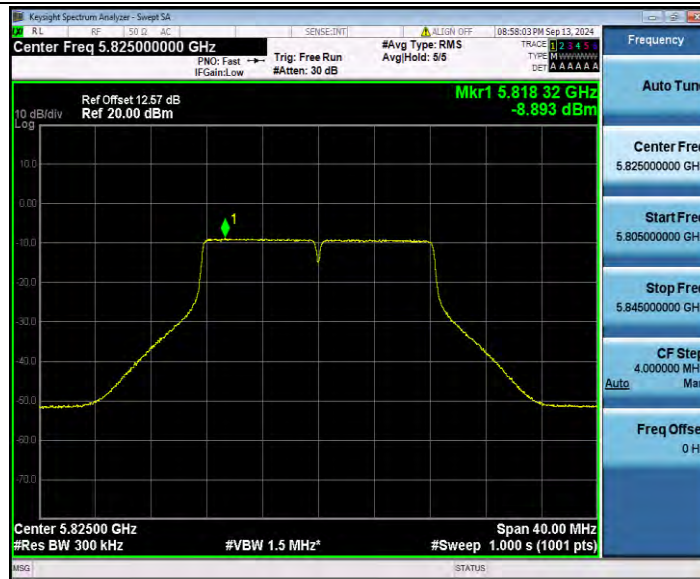
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



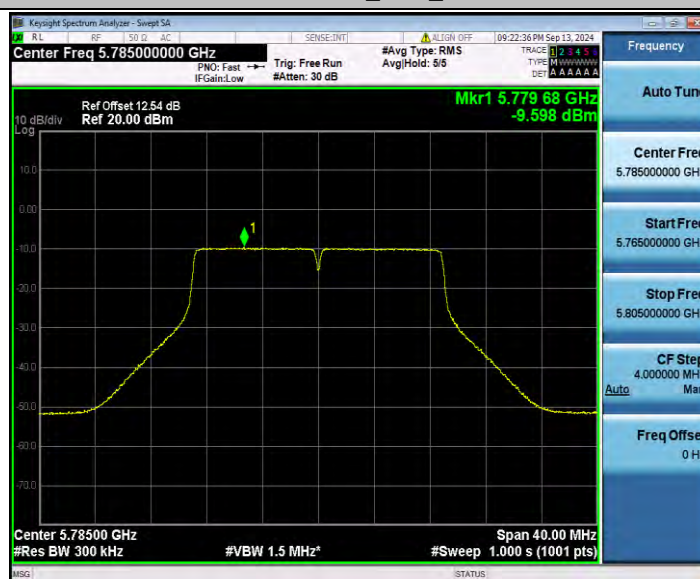
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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



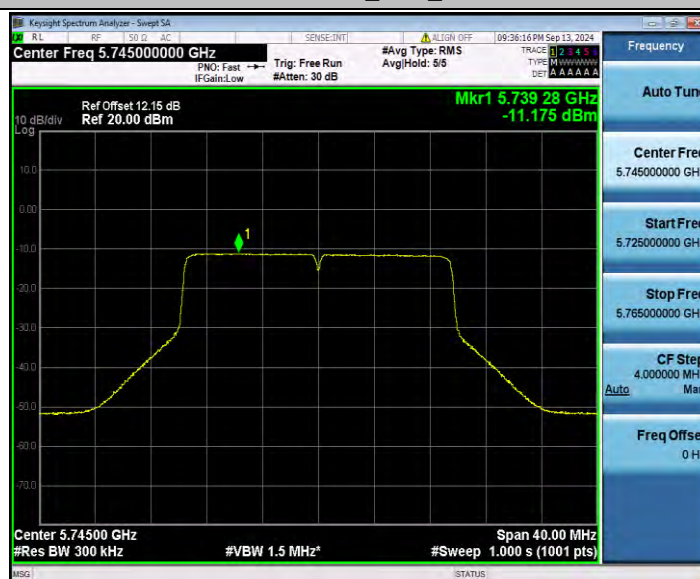
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11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



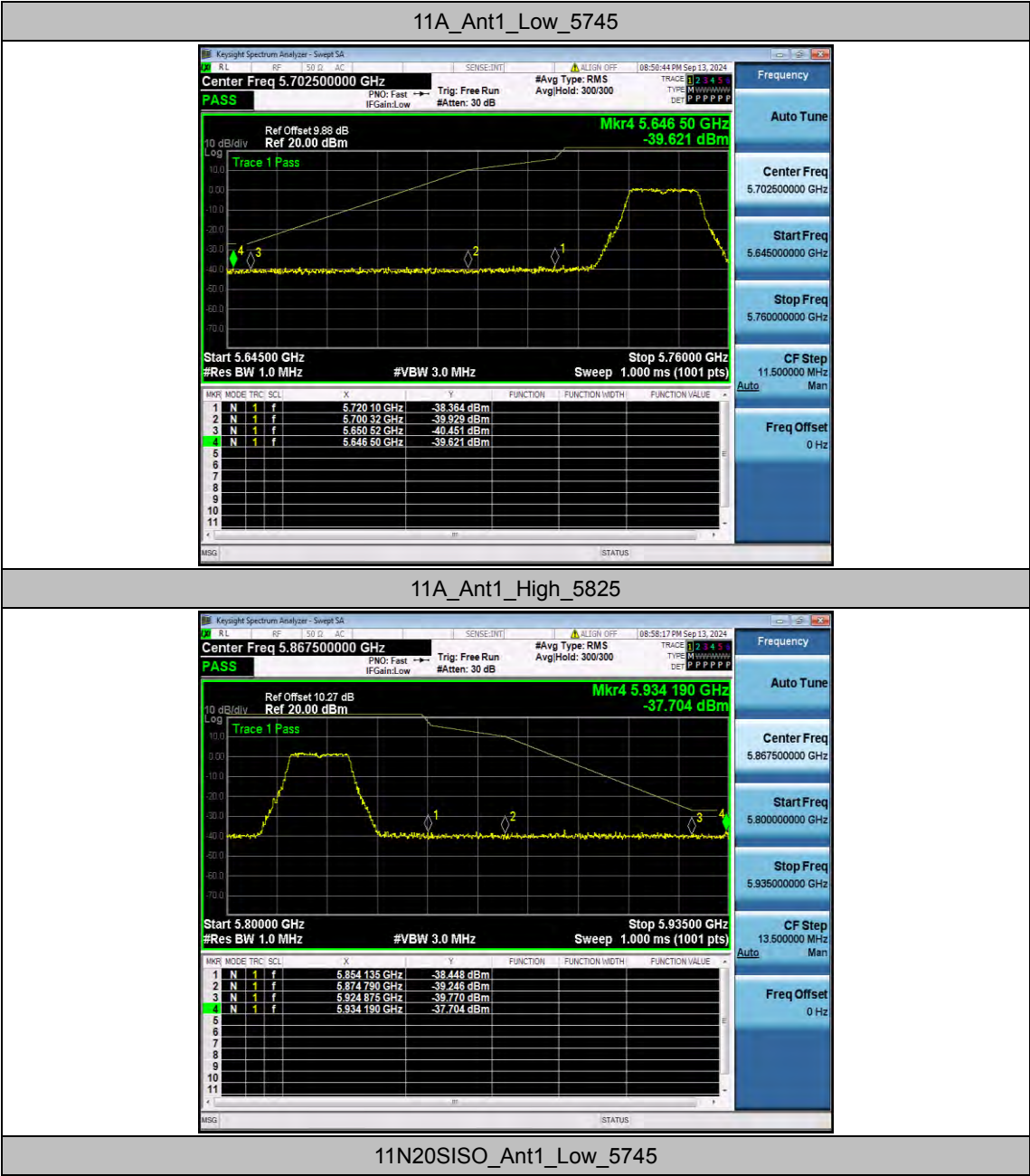
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.45	≤-26.62	PASS
				5700~5720	-39.93	≤10.09	PASS
				5720~5725	-38.36	≤15.82	PASS
				5760~5650	-39.62	≤-27	PASS
		High	5825	5850~5855	-38.45	≤17.57	PASS
				5855~5875	-39.25	≤10.06	PASS
				5875~5925	-39.77	≤-26.91	PASS
				5925~5935	-37.7	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.61	≤-26.70	PASS
				5700~5720	-39.16	≤10.51	PASS
				5720~5725	-40.08	≤15.82	PASS
				5760~5650	-40.04	≤-27	PASS
		High	5825	5850~5855	-39.07	≤17.26	PASS
				5855~5875	-39.62	≤10.06	PASS
				5875~5925	-39.92	≤-26.61	PASS
				5925~5935	-37.34	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.73	≤-26.60	PASS
				5700~5720	-38.14	≤11.01	PASS
				5720~5725	-40.35	≤15.74	PASS
				5780~5650	-37.99	≤-27	PASS
		High	5795	5850~5855	-38.89	≤16.03	PASS
				5855~5875	-38.32	≤10.71	PASS
				5875~5925	-39.41	≤-26.46	PASS
				5925~5935	-38.51	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.6	≤-26.10	PASS
				5700~5720	-39.62	≤10.15	PASS
				5720~5725	-38.79	≤16.08	PASS
				5760~5650	-39.18	≤-27	PASS
		High	5825	5850~5855	-39.23	≤16.34	PASS
				5855~5875	-39.01	≤10.21	PASS
				5875~5925	-38.67	≤-25.71	PASS
				5925~5935	-37.73	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.34	≤-26.30	PASS
				5700~5720	-38.44	≤11.42	PASS
				5720~5725	-39.29	≤16.66	PASS

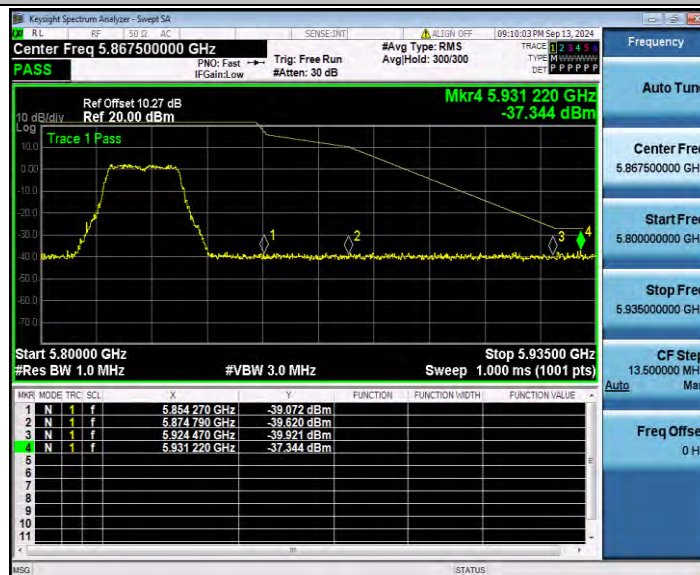
		High	5795	5780~5650	-39.47	≤ -27	PASS
				5850~5855	-39.3	≤ 16.79	PASS
				5855~5875	-37.59	≤ 10.16	PASS
				5875~5925	-39.83	≤ -26.34	PASS
				5925~5935	-38.19	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-41.14	≤ -26.91	PASS
				5700~5720	-38.67	≤ 10.61	PASS
				5720~5725	-39.19	≤ 15.65	PASS
				5800~5650	-39.61	≤ -27	PASS
		High	5775	5850~5855	-38.71	≤ 15.84	PASS
				5855~5875	-38.19	≤ 10.76	PASS
				5875~5925	-39.23	≤ -25.50	PASS
				5925~5935	-37.85	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.74	≤ -26.10	PASS
				5700~5720	-38.99	≤ 10.60	PASS
				5720~5725	-40.25	≤ 15.82	PASS
				5760~5650	-39.49	≤ -27	PASS
		High	5825	5850~5855	-38.11	≤ 17.26	PASS
				5855~5875	-38.42	≤ 10.02	PASS
				5875~5925	-39	≤ -26.51	PASS
				5925~5935	-37.92	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.96	≤ -26.40	PASS
				5700~5720	-39.42	≤ 10.48	PASS
				5720~5725	-39.27	≤ 16.35	PASS
				5780~5650	-39.5	≤ -27	PASS
		High	5795	5850~5855	-40.43	≤ 15.66	PASS
				5855~5875	-38.9	≤ 10.16	PASS
				5875~5925	-39.81	≤ -26.83	PASS
				5925~5935	-38.44	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-40.19	≤ -26.80	PASS
				5700~5720	-38.9	≤ 10.01	PASS
				5720~5725	-39.26	≤ 15.65	PASS
				5800~5650	-39.38	≤ -27	PASS
		High	5775	5850~5855	-39.5	≤ 15.84	PASS
				5855~5875	-38.59	≤ 10.04	PASS
				5875~5925	-39.01	≤ -26.87	PASS
				5925~5935	-38.97	≤ -27	PASS

Test Graphs B4

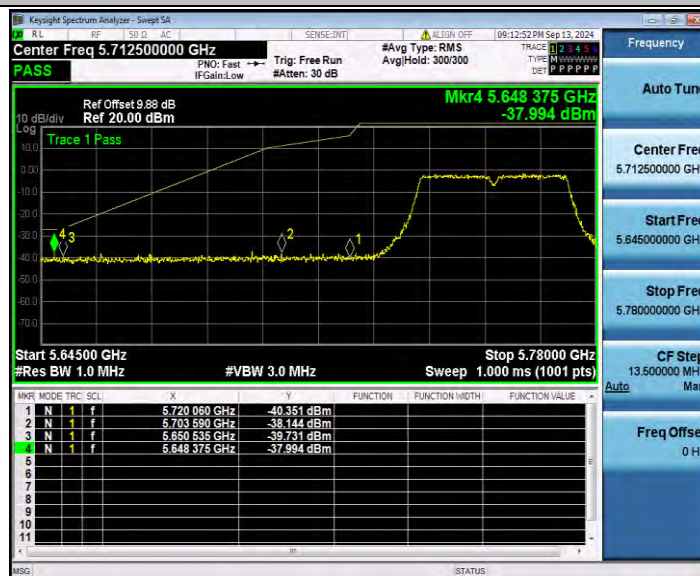




11N20SISO_Ant1_High_5825



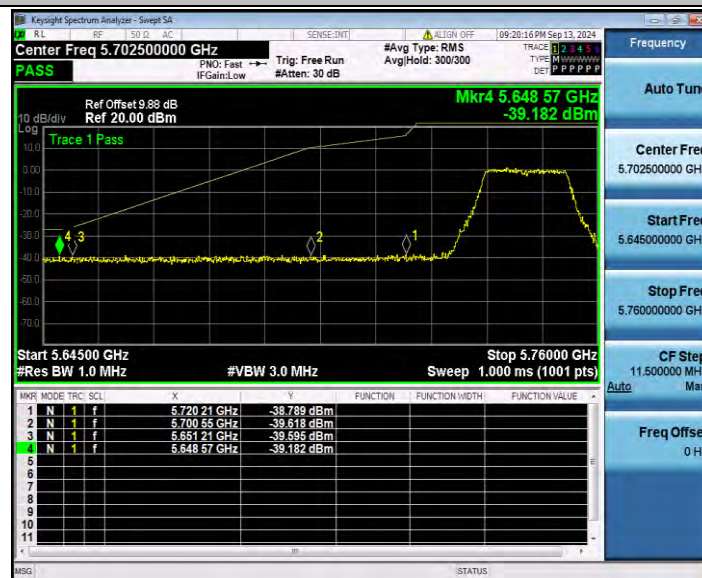
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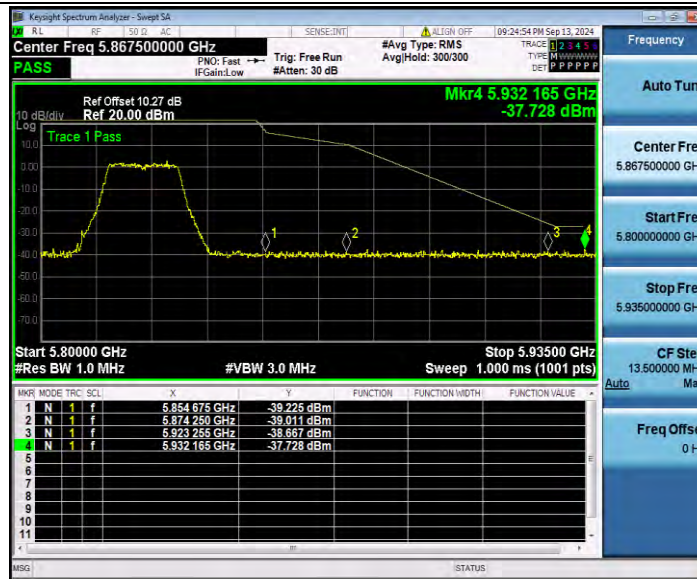
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11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



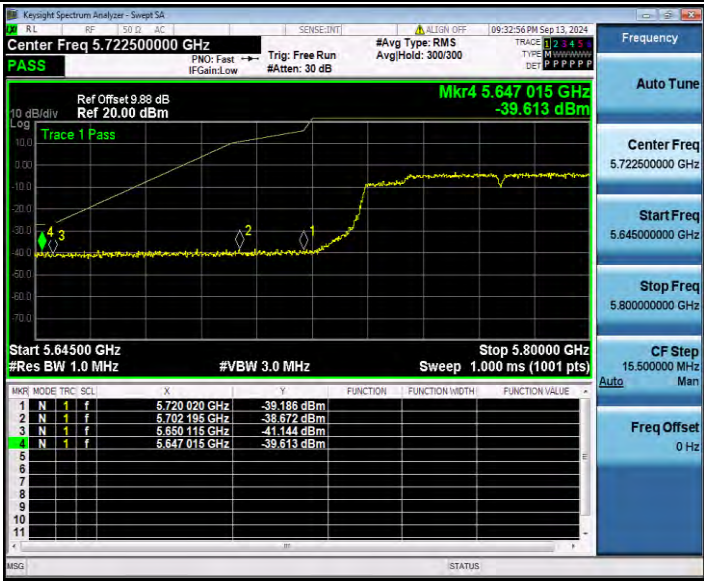
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11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



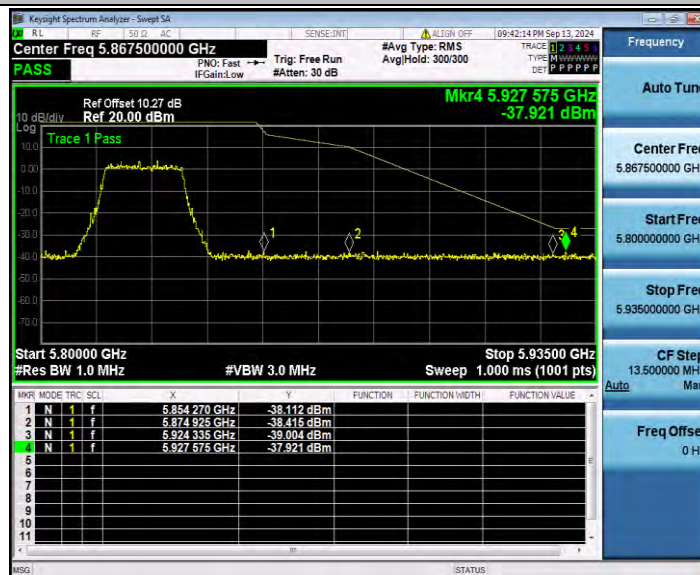
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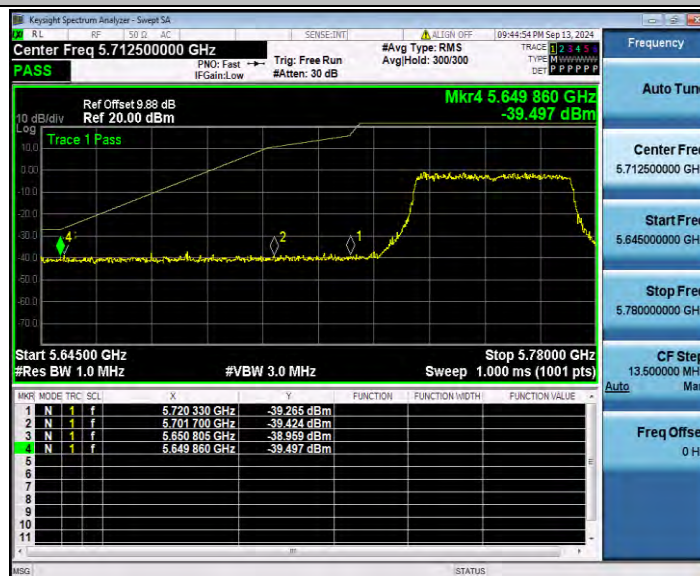
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11AX20SISO_Ant1_High_5825



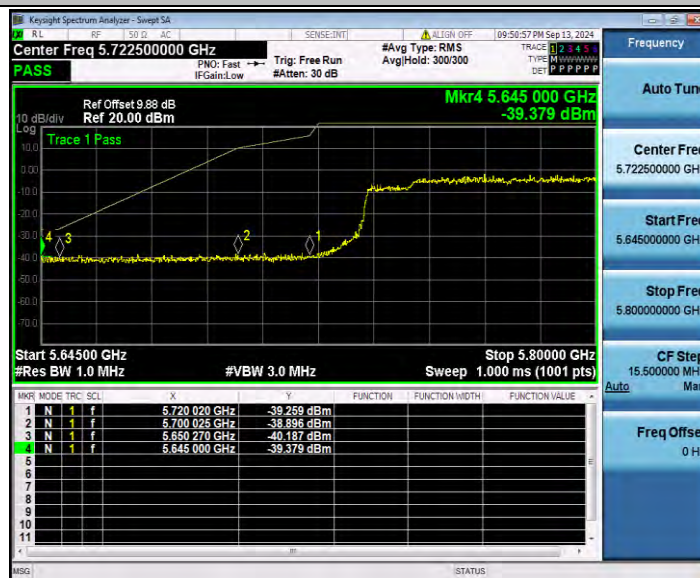
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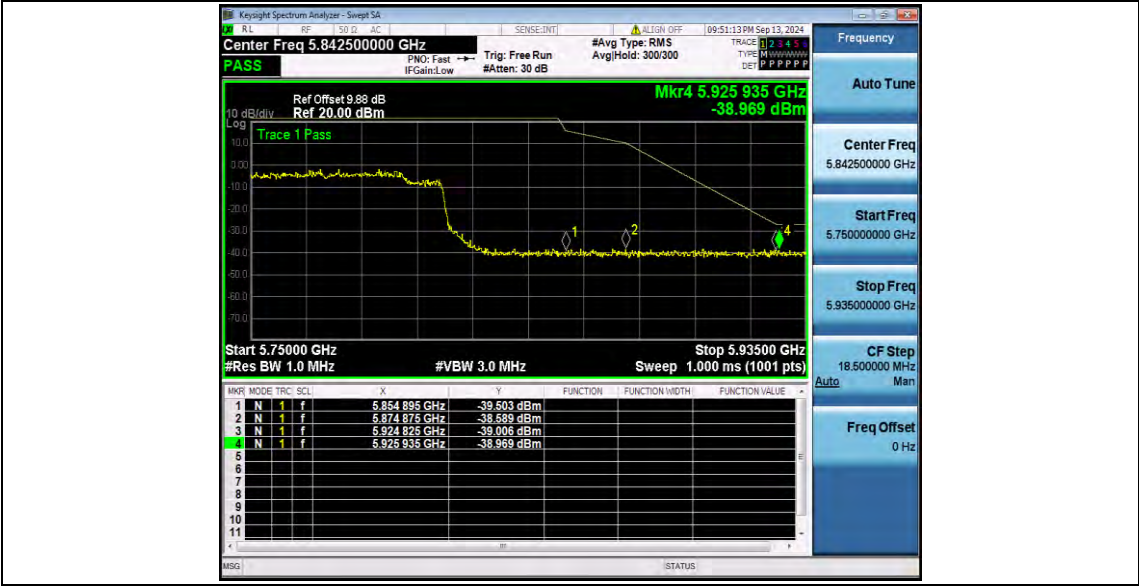
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11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



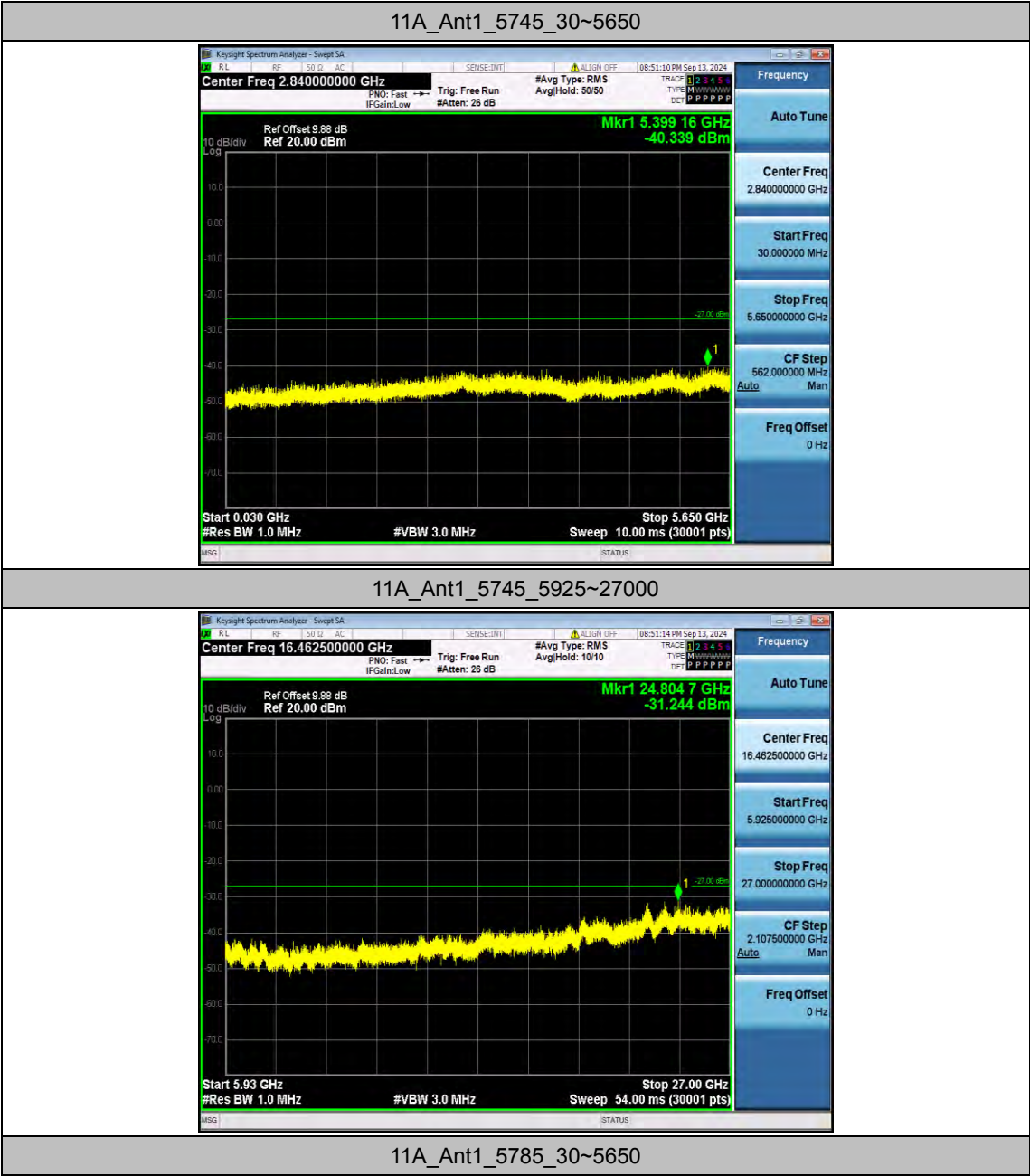
Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5399.16	-40.34	≤-27	PASS
			5925~27000	24804.69	-31.24	≤-27	PASS
		5785	30~5650	5490.2	-39.37	≤-27	PASS
			5925~27000	25129.95	-31.77	≤-27	PASS
		5825	30~5650	4962.49	-39.94	≤-27	PASS
			5925~27000	26985.95	-31.36	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5433.07	-40.1	≤-27	PASS
			5925~27000	25061.1	-31.8	≤-27	PASS
		5785	30~5650	5430.07	-39.74	≤-27	PASS
			5925~27000	26550.4	-31.33	≤-27	PASS
		5825	30~5650	2499.62	-39.85	≤-27	PASS
			5925~27000	26115.55	-31.66	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4964.17	-39.46	≤-27	PASS
			5925~27000	24156.28	-31.21	≤-27	PASS
		5795	30~5650	5380.61	-39.98	≤-27	PASS
			5925~27000	26093.07	-31.5	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5406.84	-40.71	≤-27	PASS
			5925~27000	24840.52	-32.66	≤-27	PASS
		5785	30~5650	5478.03	-40.07	≤-27	PASS
			5925~27000	24320.67	-30.58	≤-27	PASS
		5825	30~5650	5484.96	-39.13	≤-27	PASS
			5925~27000	24261.66	-31.69	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5412.84	-39.93	≤-27	PASS
			5925~27000	24260.25	-30.88	≤-27	PASS
		5795	30~5650	5496.01	-39.72	≤-27	PASS
			5925~27000	23520.52	-30.56	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5471.85	-40.46	≤-27	PASS
			5925~27000	24201.94	-32.22	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5074.14	-40.33	≤-27	PASS
			5925~27000	25205.82	-31.97	≤-27	PASS
		5785	30~5650	5422.39	-39.84	≤-27	PASS
			5925~27000	26515.28	-31.69	≤-27	PASS
		5825	30~5650	4983.84	-39.49	≤-27	PASS
			5925~27000	25458.01	-31.85	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5418.83	-39.62	≤-27	PASS
			5925~27000	24264.47	-31.8	≤-27	PASS

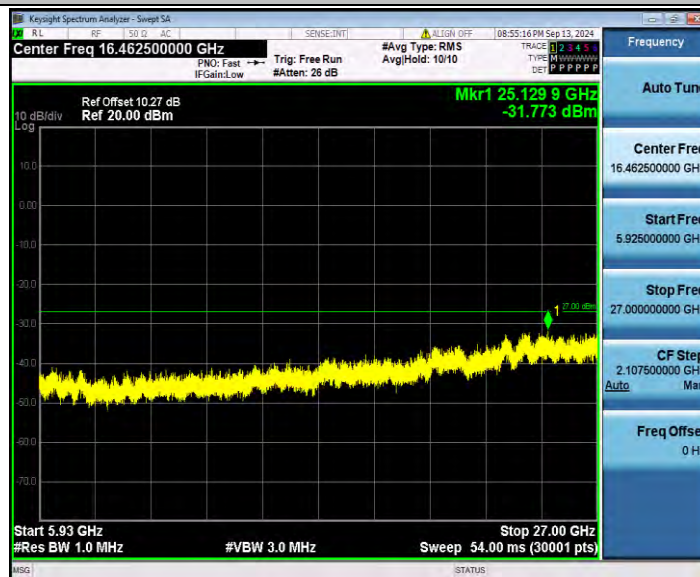
		5795	30~5650	5435.13	-39.47	≤ -27	PASS
			5925~27000	25564.79	-31.97	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	4912.84	-39.86	≤ -27	PASS
			5925~27000	26567.96	-32.11	≤ -27	PASS

Test Graphs

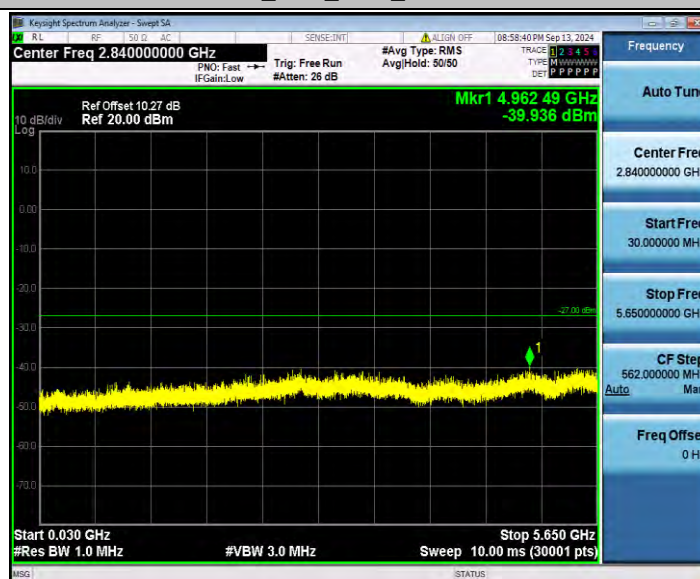




11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



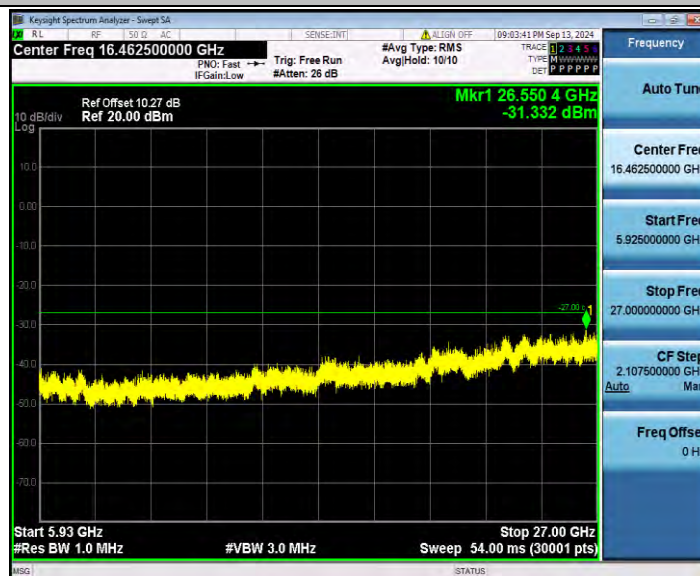
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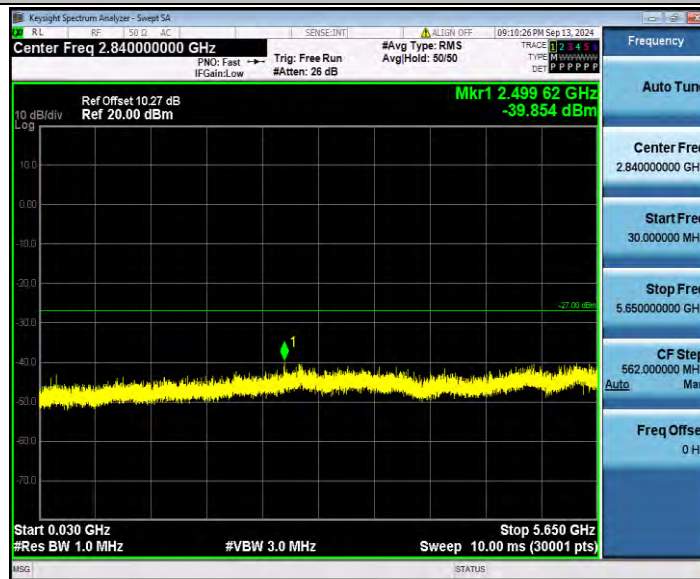
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11N20SISO_Ant1_5785_5925~27000



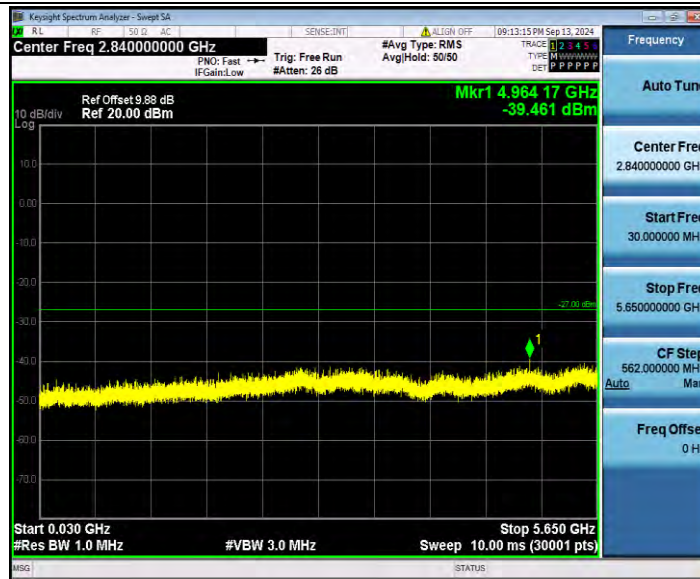
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11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



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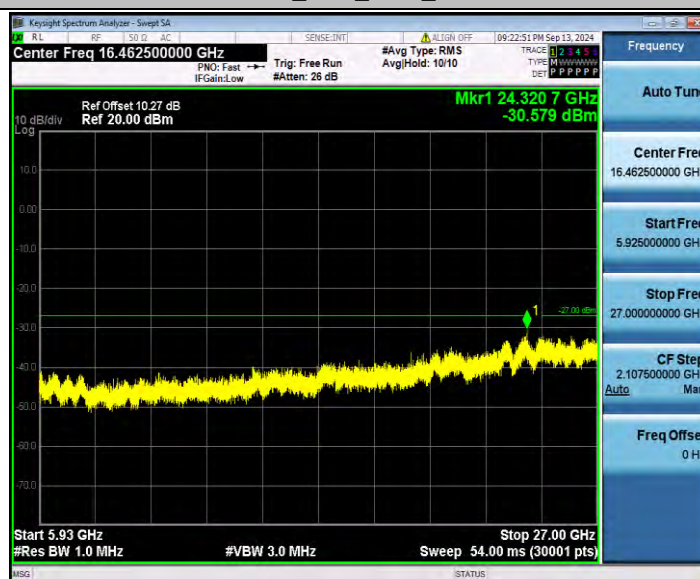
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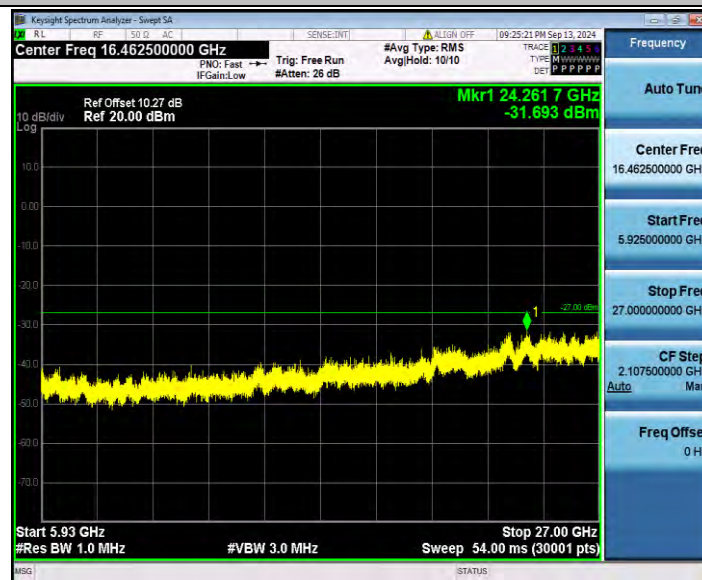
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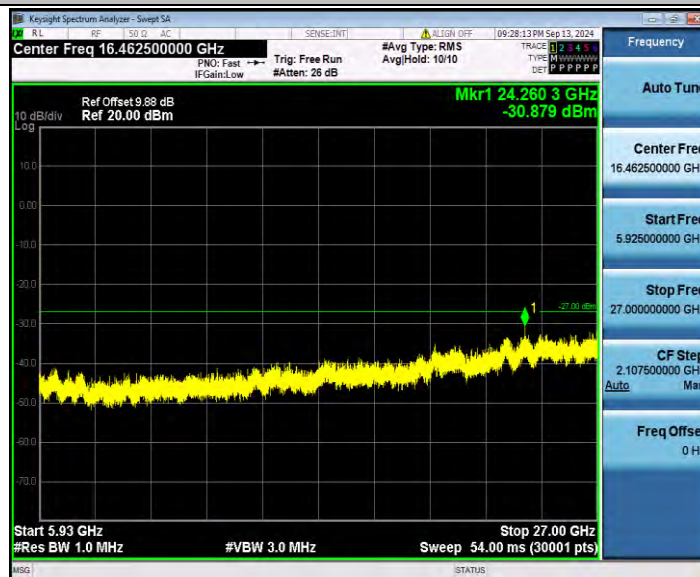
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11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



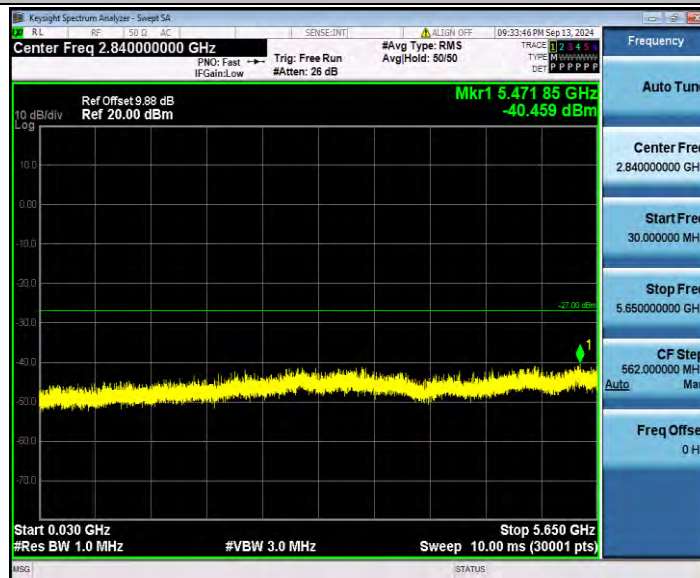
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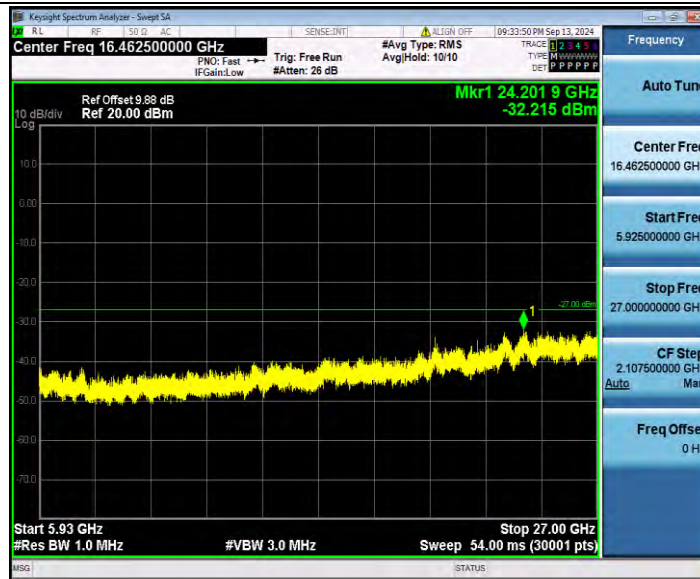
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11AC80SISO_Ant1_5775_30~5650



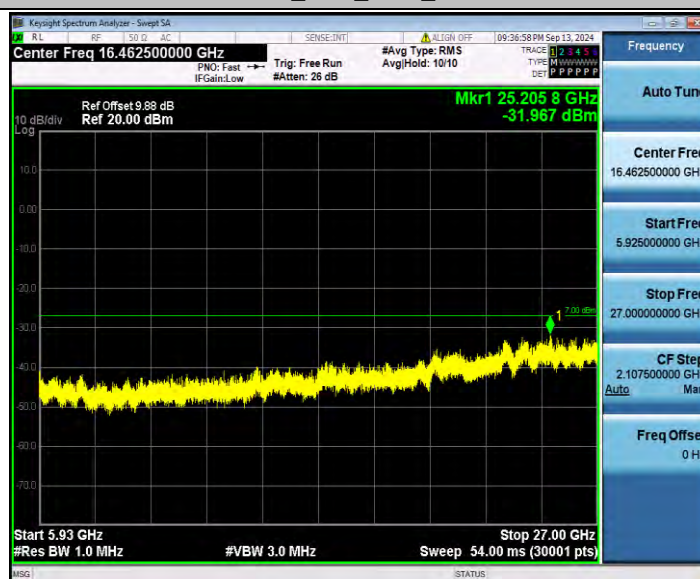
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11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



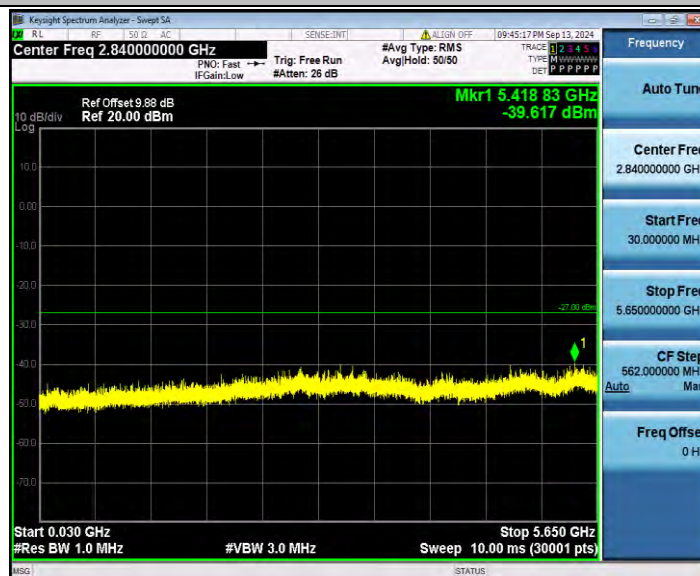
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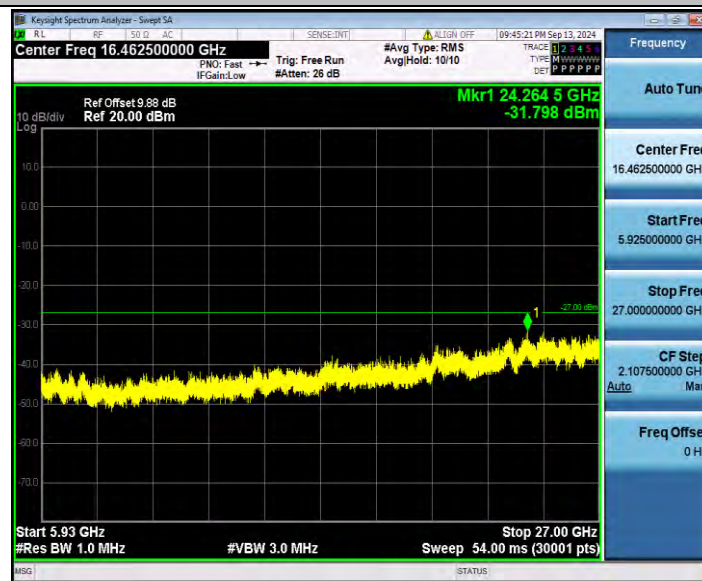
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11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000

