

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	Ant2	5745	4.95	95.87	0.18	5.13	≤30.00	PASS
		5785	5.33	96.31	0.16	5.49	≤30.00	PASS
		5825	5.21	96.31	0.16	5.37	≤30.00	PASS
11N20SISO	Ant2	5745	4.97	98.88	0.05	5.02	≤30.00	PASS
		5785	5.35	98.88	0.05	5.40	≤30.00	PASS
		5825	5.33	98.88	0.05	5.38	≤30.00	PASS
11N40SISO	Ant2	5755	5.12	99.00	0.04	5.16	≤30.00	PASS
		5795	5.43	98.88	0.05	5.48	≤30.00	PASS
11AC20SISO	Ant2	5745	4.99	98.88	0.05	5.04	≤30.00	PASS
		5785	5.29	99.00	0.04	5.33	≤30.00	PASS
		5825	5.24	98.88	0.05	5.29	≤30.00	PASS
11AC40SISO	Ant2	5755	5.10	98.88	0.05	5.15	≤30.00	PASS
		5795	5.41	98.88	0.05	5.46	≤30.00	PASS
11AC80SISO	Ant2	5775	5.34	99.00	0.04	5.38	≤30.00	PASS
11AX20SISO	Ant2	5745	4.82	99.00	0.04	4.86	≤30.00	PASS
		5785	5.15	98.88	0.05	5.20	≤30.00	PASS
		5825	5.05	99.00	0.04	5.09	≤30.00	PASS
11AX40SISO	Ant2	5755	4.77	98.88	0.05	4.82	≤30.00	PASS
		5795	5.06	98.88	0.05	5.11	≤30.00	PASS
11AX80SISO	Ant2	5775	5.13	98.88	0.05	5.18	≤30.00	PASS

Appendix E.5: Maximum power spectral density

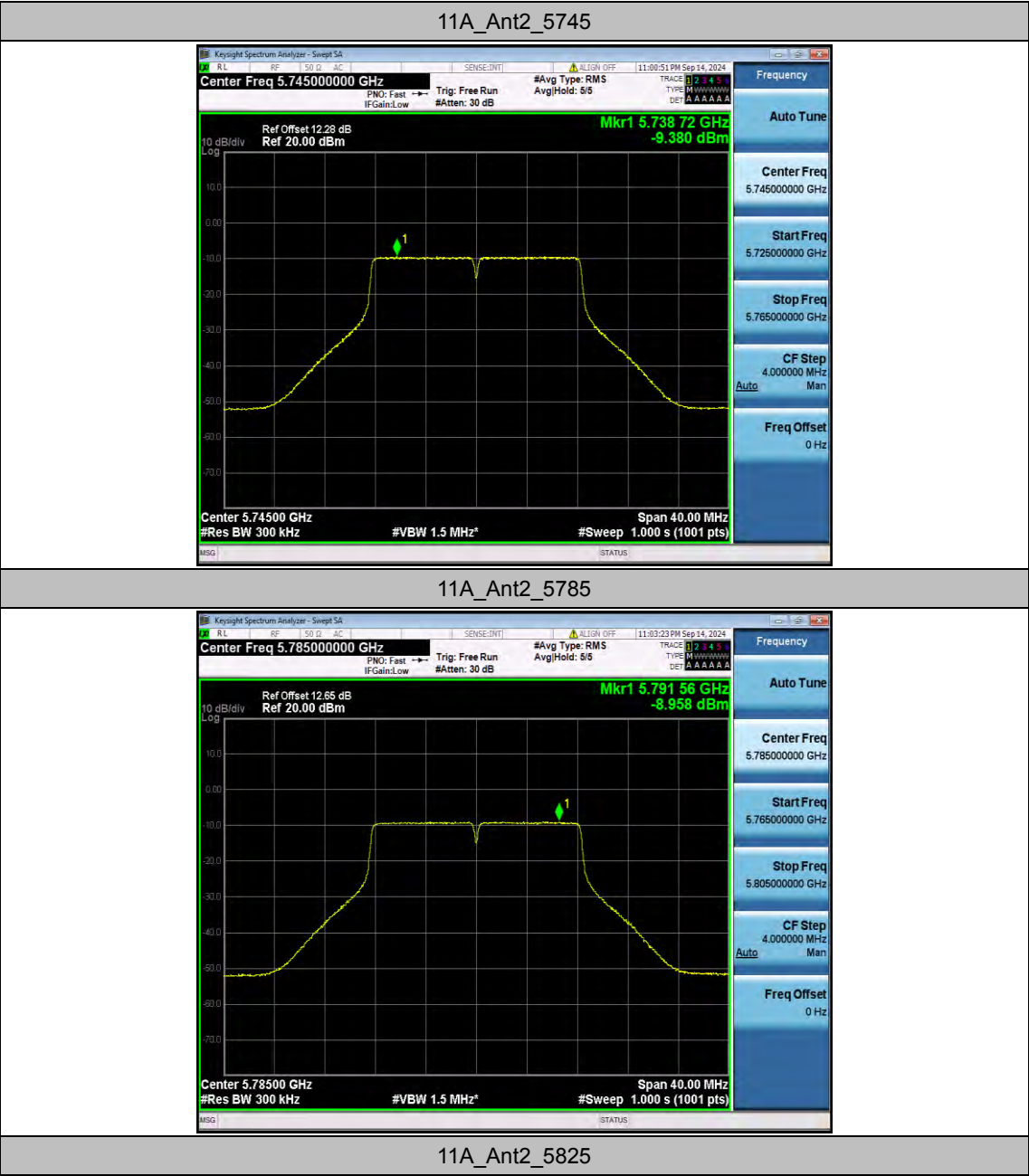
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-9.38	≤30.00	PASS
		5785	-8.96	≤30.00	PASS
		5825	-8.95	≤30.00	PASS
11N20SISO	Ant2	5745	-9.87	≤30.00	PASS
		5785	-9.42	≤30.00	PASS
		5825	-9.33	≤30.00	PASS
11N40SISO	Ant2	5755	-12.46	≤30.00	PASS
		5795	-12.24	≤30.00	PASS
11AC20SISO	Ant2	5745	-9.78	≤30.00	PASS
		5785	-9.49	≤30.00	PASS
		5825	-9.43	≤30.00	PASS
11AC40SISO	Ant2	5755	-12.48	≤30.00	PASS
		5795	-12.28	≤30.00	PASS
11AC80SISO	Ant2	5775	-15.35	≤30.00	PASS
11AX20SISO	Ant2	5745	-10.45	≤30.00	PASS
		5785	-9.99	≤30.00	PASS
		5825	-10.01	≤30.00	PASS
11AX40SISO	Ant2	5755	-13.16	≤30.00	PASS
		5795	-12.83	≤30.00	PASS
11AX80SISO	Ant2	5775	-15.36	≤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_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



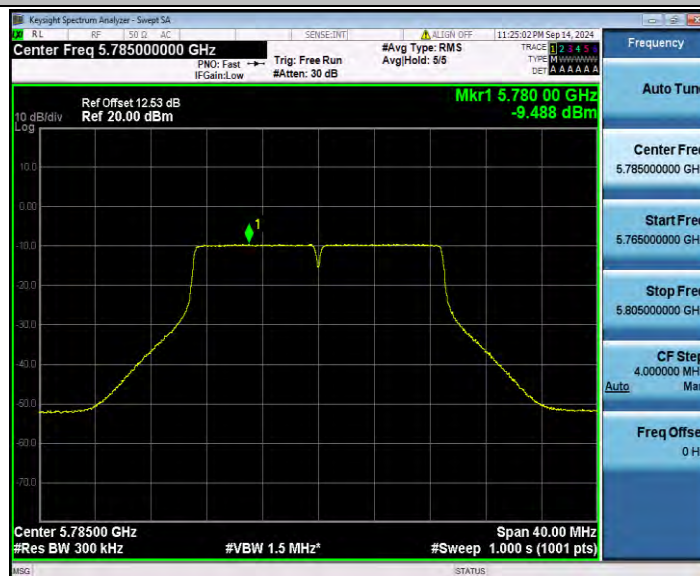
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



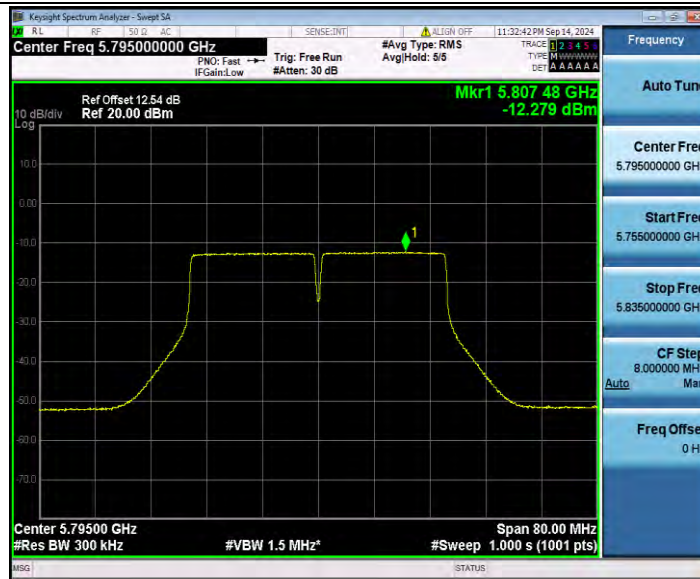
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11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



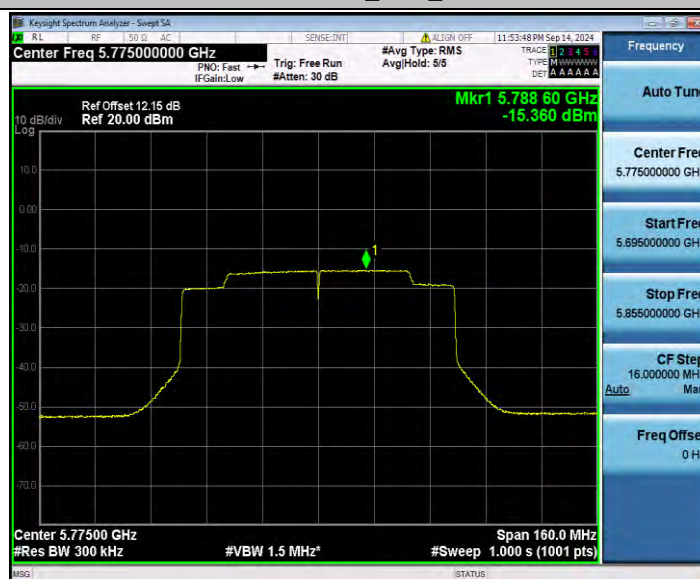
11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775



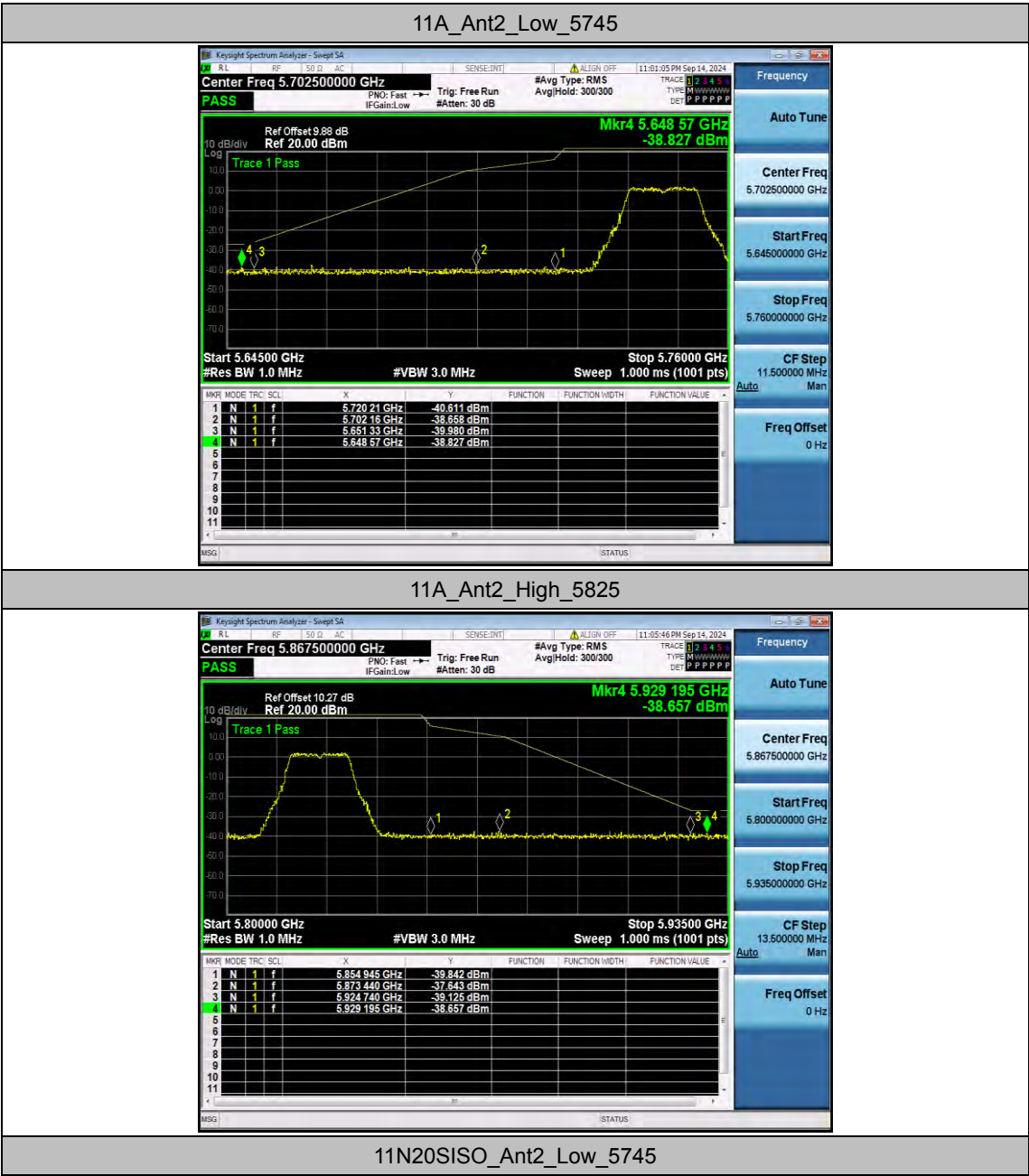
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-39.98	≤-26.02	PASS
				5700~5720	-38.66	≤10.60	PASS
				5720~5725	-40.61	≤16.08	PASS
				5760~5650	-38.83	≤-27	PASS
		High	5825	5850~5855	-39.84	≤15.73	PASS
				5855~5875	-37.64	≤10.44	PASS
				5875~5925	-39.13	≤-26.81	PASS
				5925~5935	-38.66	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-39.33	≤-26.02	PASS
				5700~5720	-39.05	≤10.35	PASS
				5720~5725	-39.94	≤15.82	PASS
				5760~5650	-39	≤-27	PASS
		High	5825	5850~5855	-39.44	≤15.73	PASS
				5855~5875	-38.02	≤10.36	PASS
				5875~5925	-39.54	≤-26.91	PASS
				5925~5935	-38.71	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-40.5	≤-26.80	PASS
				5700~5720	-39.71	≤10.32	PASS
				5720~5725	-40.55	≤15.74	PASS
				5780~5650	-39.56	≤-27	PASS
		High	5795	5850~5855	-39.65	≤16.41	PASS
				5855~5875	-39.05	≤10.02	PASS
				5875~5925	-38.42	≤-26.83	PASS
				5925~5935	-38.7	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-40.04	≤-26.36	PASS
				5700~5720	-39.6	≤10.83	PASS
				5720~5725	-39.01	≤17.65	PASS
				5760~5650	-39.39	≤-27	PASS
		High	5825	5850~5855	-38.9	≤16.03	PASS
				5855~5875	-38.06	≤10.36	PASS
				5875~5925	-38.85	≤-26.81	PASS
				5925~5935	-38.68	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-40.93	≤-26.90	PASS
				5700~5720	-39.59	≤10.14	PASS
				5720~5725	-40.04	≤15.74	PASS

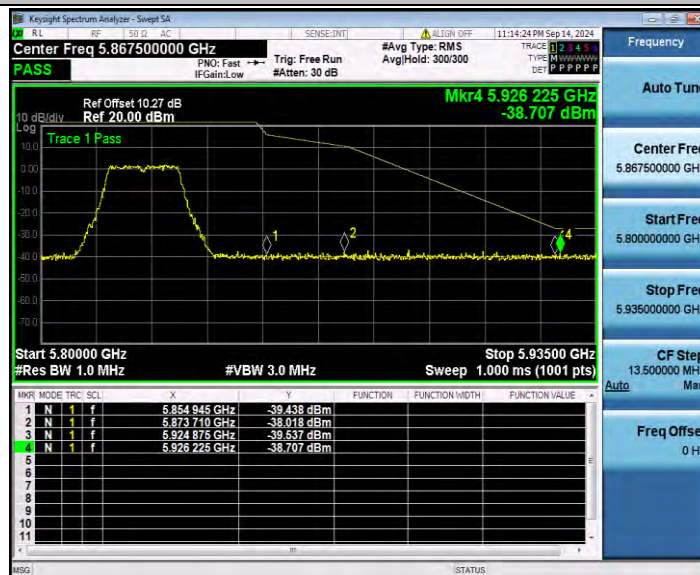
		High	5795	5780~5650	-39.29	≤ -27	PASS
				5850~5855	-39.82	≤ 15.66	PASS
				5855~5875	-39.42	≤ 10.20	PASS
				5875~5925	-40.19	≤ -26.83	PASS
				5925~5935	-38.63	≤ -27	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-41.14	≤ -26.91	PASS
				5700~5720	-38.67	≤ 10.61	PASS
				5720~5725	-39.19	≤ 15.65	PASS
				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	Ant2	Low	5745	5650~5700	-41.23	≤ -26.79	PASS
				5700~5720	-38.77	≤ 10.96	PASS
				5720~5725	-39.8	≤ 16.87	PASS
				5760~5650	-39.04	≤ -27	PASS
		High	5825	5850~5855	-39.82	≤ 15.73	PASS
				5855~5875	-38.31	≤ 10.55	PASS
				5875~5925	-38.99	≤ -26.71	PASS
				5925~5935	-38.1	≤ -27	PASS
11AX40SI SO	Ant2	Low	5755	5650~5700	-40.8	≤ -26.80	PASS
				5700~5720	-39.4	≤ 10.02	PASS
				5720~5725	-40.42	≤ 15.74	PASS
				5780~5650	-38.75	≤ -27	PASS
		High	5795	5850~5855	-38.99	≤ 16.03	PASS
				5855~5875	-38.5	≤ 10.57	PASS
				5875~5925	-38.92	≤ -26.95	PASS
				5925~5935	-38.68	≤ -27	PASS
11AX80SI SO	Ant2	Low	5775	5650~5700	-40.14	≤ -26.46	PASS
				5700~5720	-40.1	≤ 10.18	PASS
				5720~5725	-40.53	≤ 15.65	PASS
				5800~5650	-40.05	≤ -27	PASS
		High	5775	5850~5855	-39.06	≤ 17.95	PASS
				5855~5875	-39.35	≤ 10.14	PASS
				5875~5925	-39.75	≤ -26.46	PASS
				5925~5935	-39.25	≤ -27	PASS

Test Graphs B4





11N20ISO_Ant2_High_5825



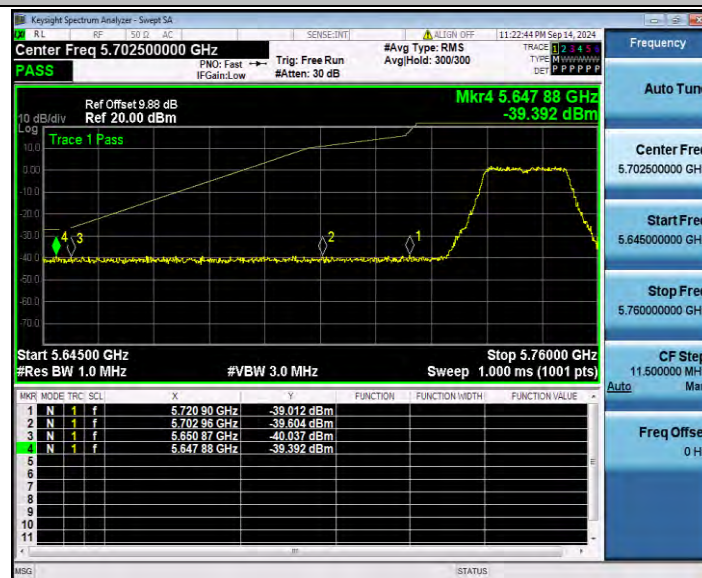
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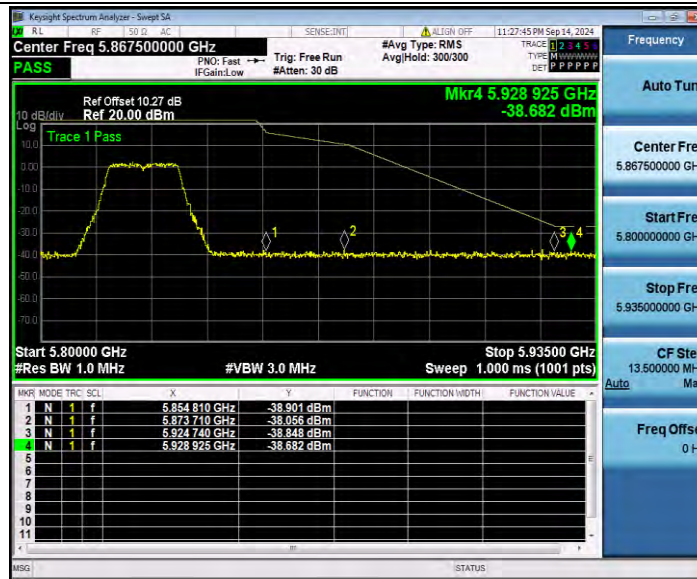
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11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825



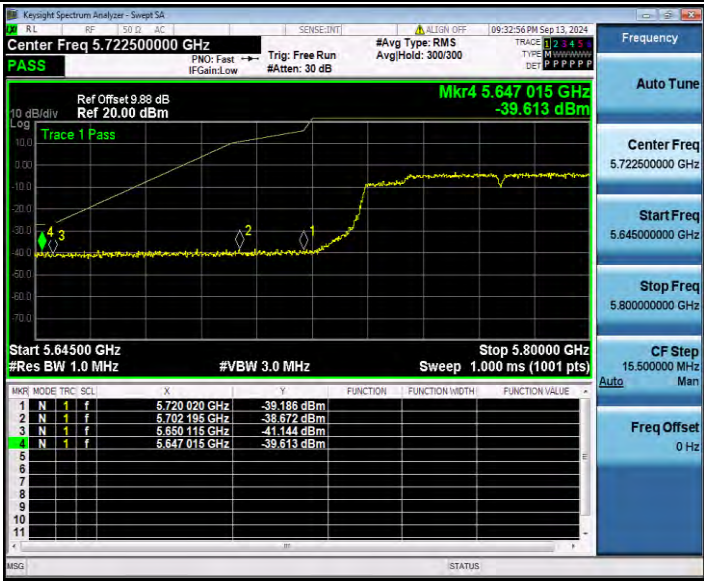
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11AC40SISO_Ant2_High_5795



11AC80SISO_Ant2_Low_5775



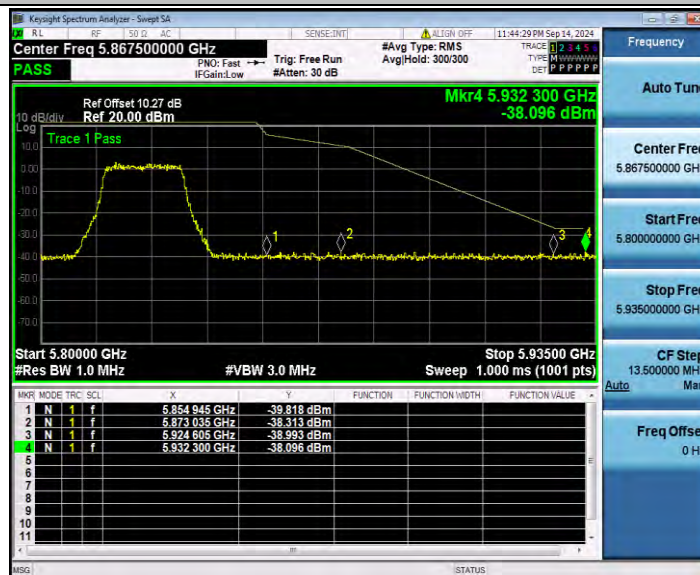
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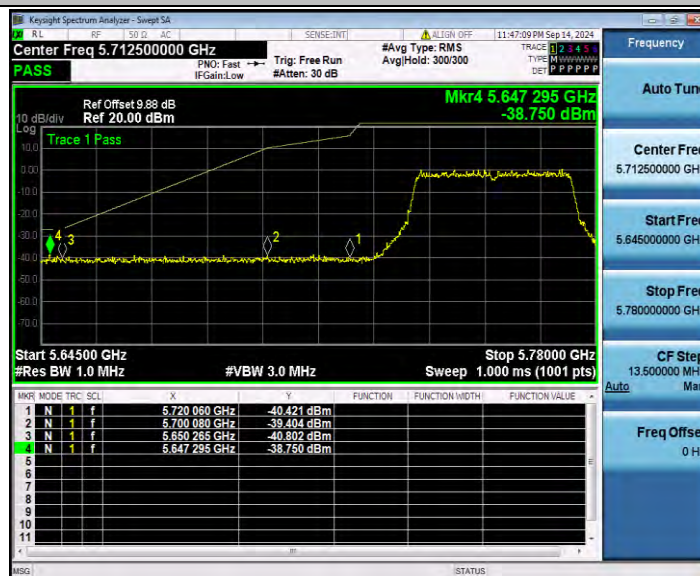
11AX20SISO_Ant2_Low_5745

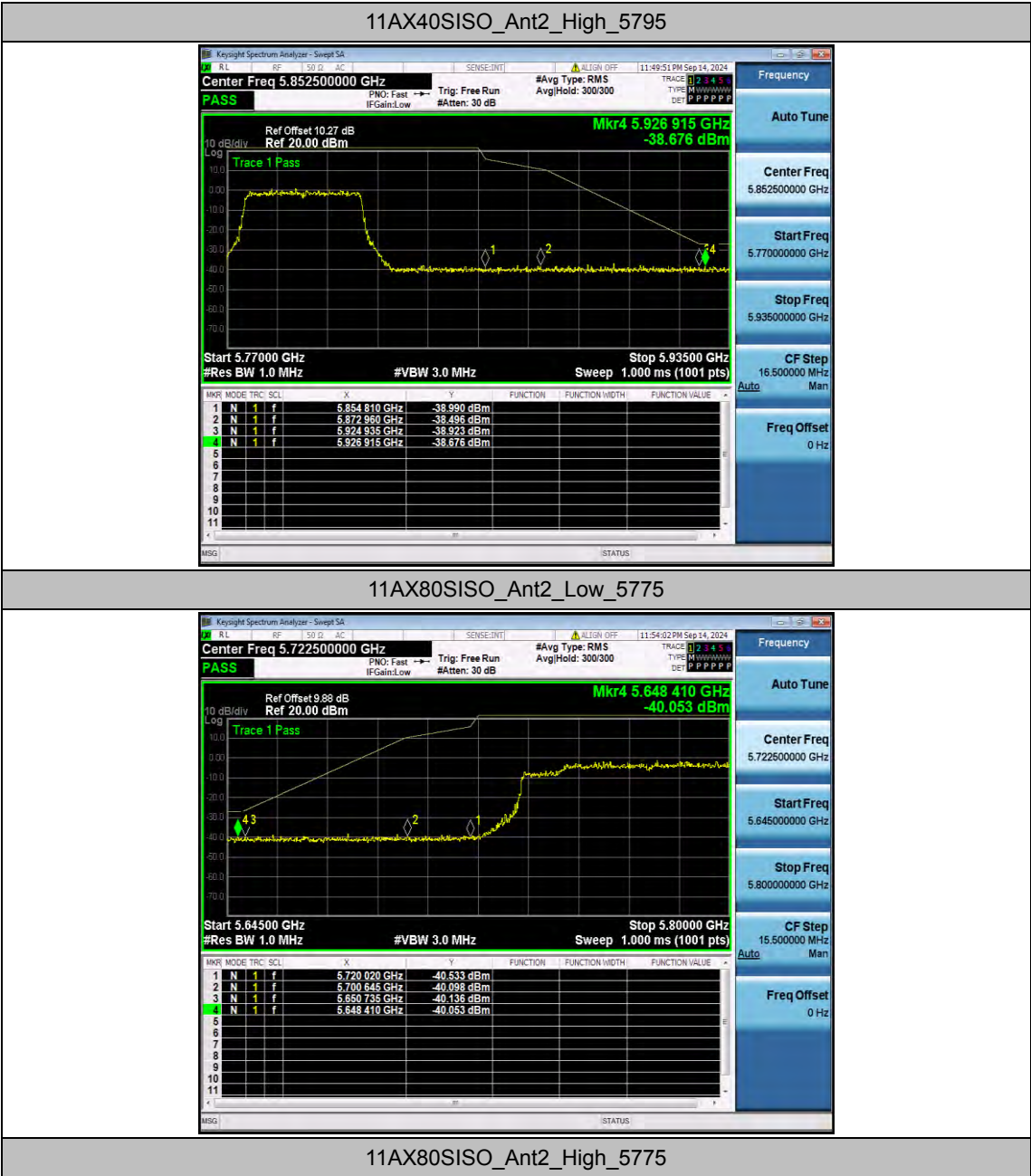


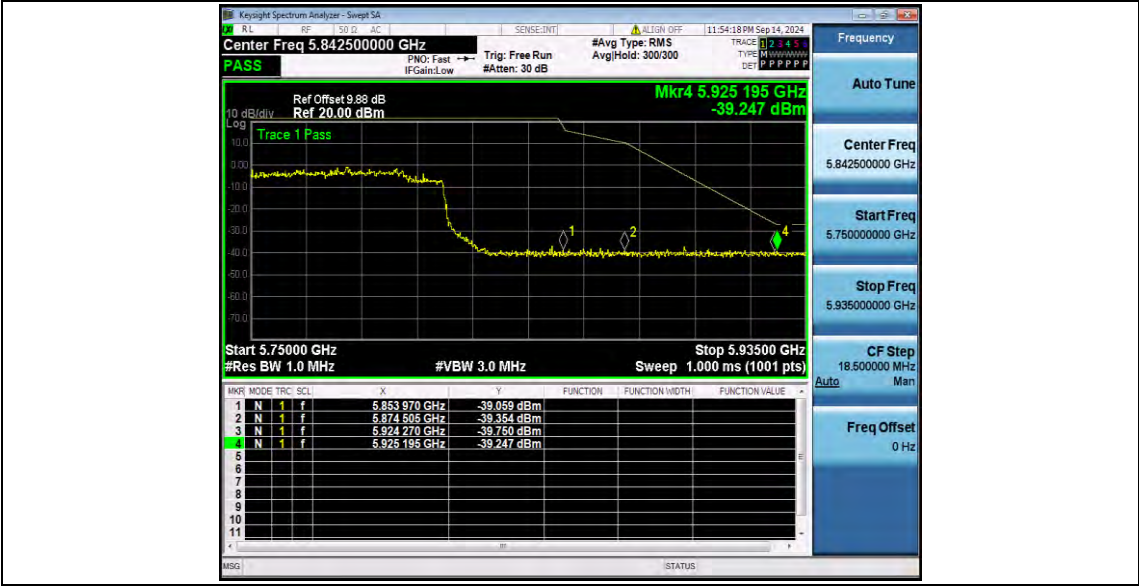
11AX20SISO_Ant2_High_5825



11AX40SISO_Ant2_Low_5755







Appendix E.7: Conducted Spurious Emission

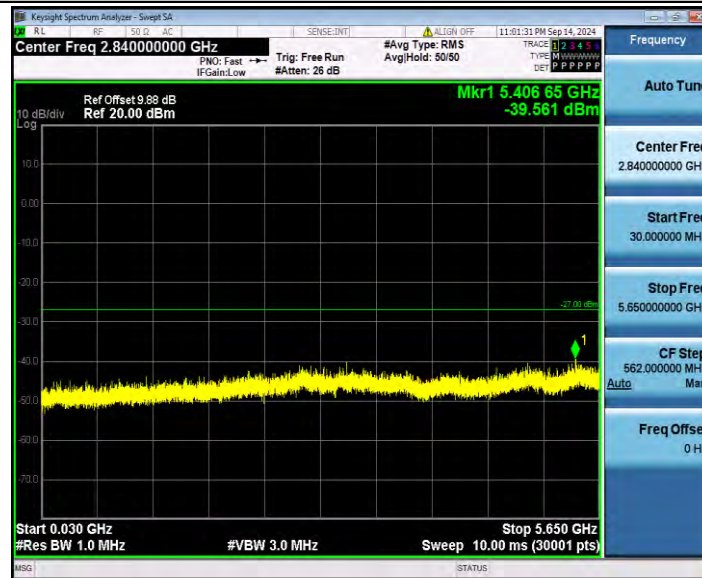
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	5406.65	-39.56	≤-27	PASS
			5925~27000	26523.71	-31.55	≤-27	PASS
		5785	30~5650	5434.57	-40.11	≤-27	PASS
			5925~27000	24194.92	-32.25	≤-27	PASS
		5825	30~5650	4984.97	-39.74	≤-27	PASS
			5925~27000	24773.08	-31.57	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5535.54	-40.1	≤-27	PASS
			5925~27000	26049.52	-31	≤-27	PASS
		5785	30~5650	5460.61	-40.02	≤-27	PASS
			5925~27000	24277.81	-31.55	≤-27	PASS
		5825	30~5650	5436.63	-40.05	≤-27	PASS
			5925~27000	24275.71	-31.83	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	4905.35	-40.94	≤-27	PASS
			5925~27000	25625.91	-32.01	≤-27	PASS
		5795	30~5650	5476.53	-39.73	≤-27	PASS
			5925~27000	26730.24	-31.8	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	5487.58	-40	≤-27	PASS
			5925~27000	24757.62	-31.92	≤-27	PASS
		5785	30~5650	5501.63	-39.41	≤-27	PASS
			5925~27000	24285.54	-31.33	≤-27	PASS
		5825	30~5650	5488.52	-39.36	≤-27	PASS
			5925~27000	25981.38	-31.68	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5616.28	-40.65	≤-27	PASS
			5925~27000	23681.39	-32.4	≤-27	PASS
		5795	30~5650	2814.52	-39.99	≤-27	PASS
			5925~27000	25162.96	-30.93	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5640.26	-40.03	≤-27	PASS
			5925~27000	24806.8	-32.1	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	4944.13	-39.6	≤-27	PASS
			5925~27000	25276.77	-31.04	≤-27	PASS
		5785	30~5650	5520.93	-39.69	≤-27	PASS
			5925~27000	25225.49	-31.6	≤-27	PASS
		5825	30~5650	5561.2	-39.63	≤-27	PASS
			5925~27000	23635.73	-31.79	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	5072.83	-40.71	≤-27	PASS
			5925~27000	24281.33	-31.84	≤-27	PASS

		5795	30~5650	5005.01	-40.2	≤ -27	PASS
			5925~27000	24749.89	-31.41	≤ -27	PASS
11AX80SISO	Ant2	5775	30~5650	5419.58	-39.15	≤ -27	PASS
			5925~27000	24377.57	-32.56	≤ -27	PASS

Test Graphs

11A_Ant2_5745_30~5650



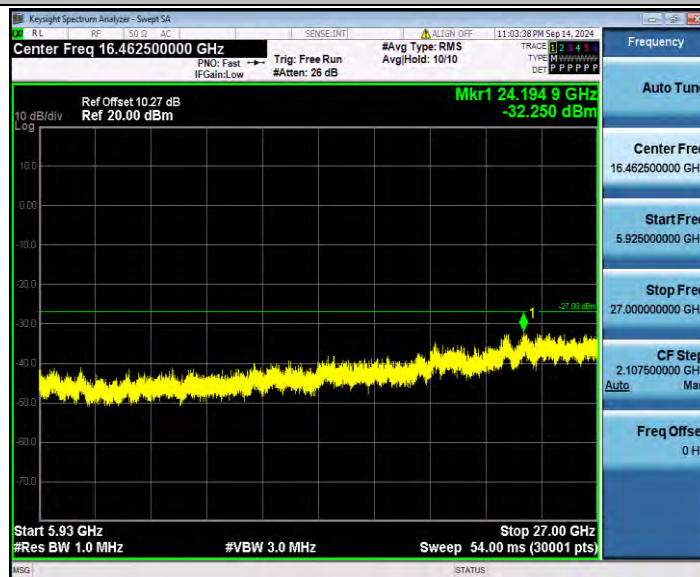
11A_Ant2_5745_5925~27000



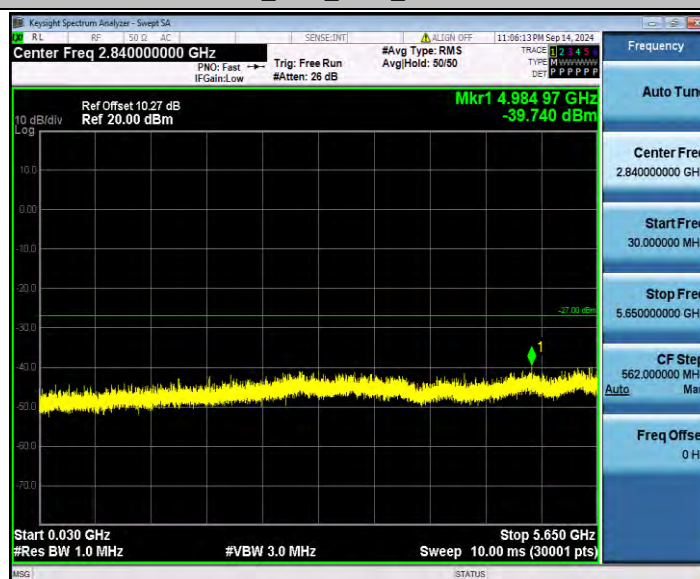
11A_Ant2_5785_30~5650



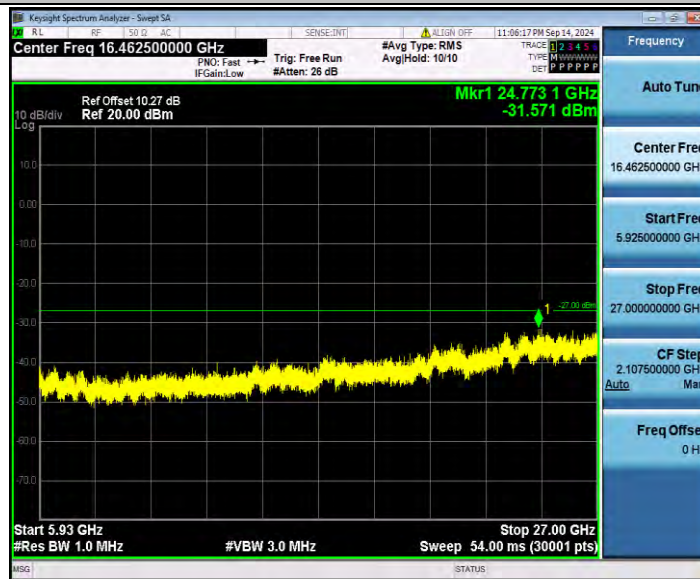
11A_Ant2_5785_5925~27000



11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~27000



11N20SISO_Ant2_5745_30~5650



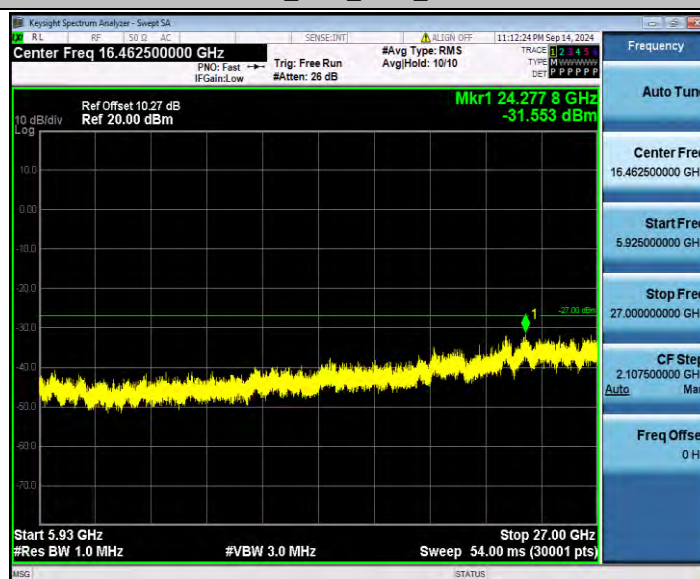
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11N20SISO_Ant2_5785_30~5650



11N20SISO_Ant2_5785_5925~27000



11N20SISO_Ant2_5825_30~5650



11N20SISO_Ant2_5825_5925~27000



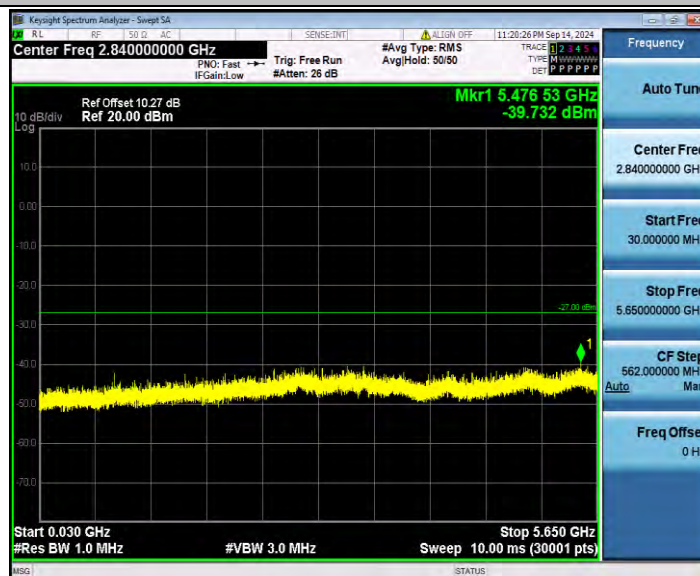
11N40SISO_Ant2_5755_30~5650



11N40SISO_Ant2_5755_5925~27000



11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~27000



11AC20SISO_Ant2_5745_30~5650



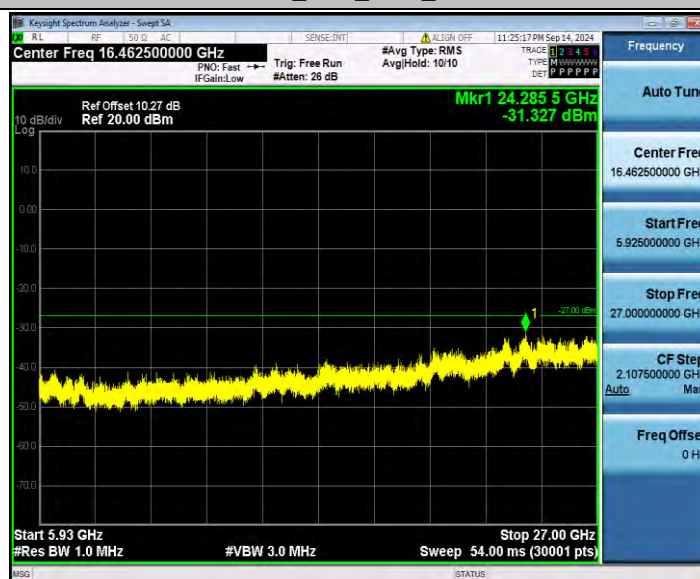
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11AC20SISO_Ant2_5785_30~5650



11AC20SISO_Ant2_5785_5925~27000



11AC20SISO_Ant2_5825_30~5650



11AC20SISO_Ant2_5825_5925~27000



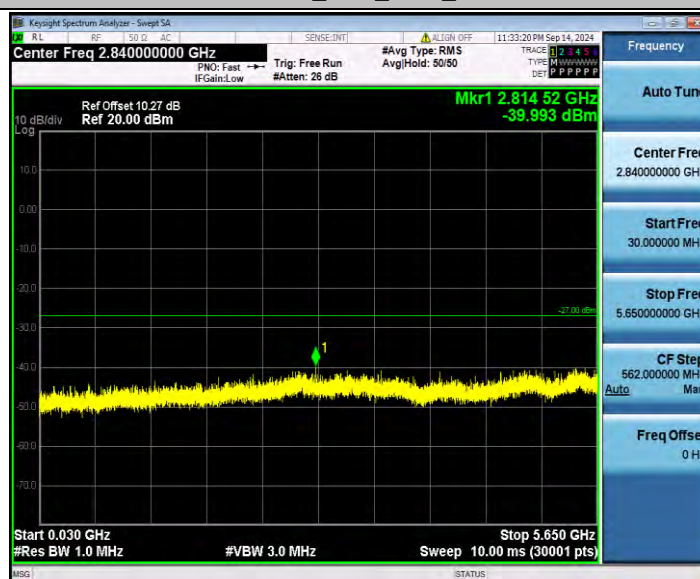
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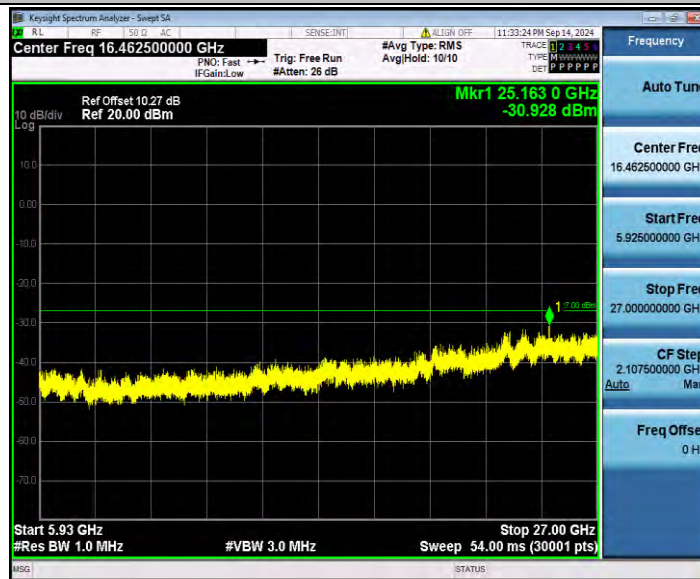
11AC40SISO_Ant2_5755_5925~27000



11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~27000



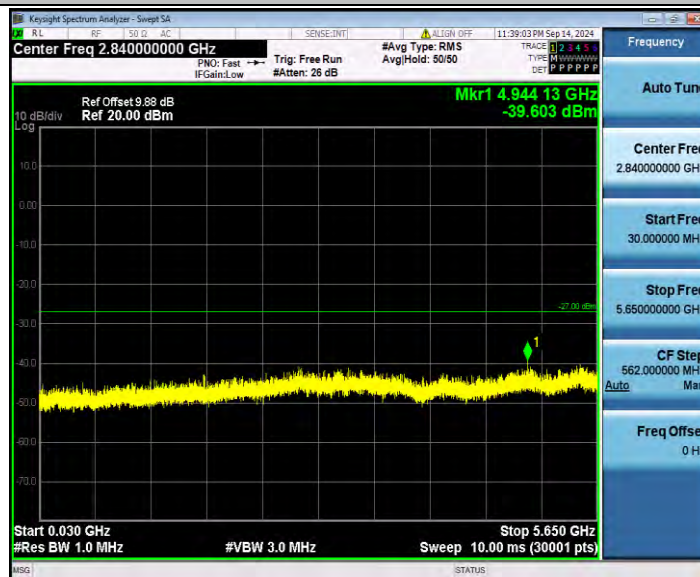
11AC80SISO_Ant2_5775_30~5650



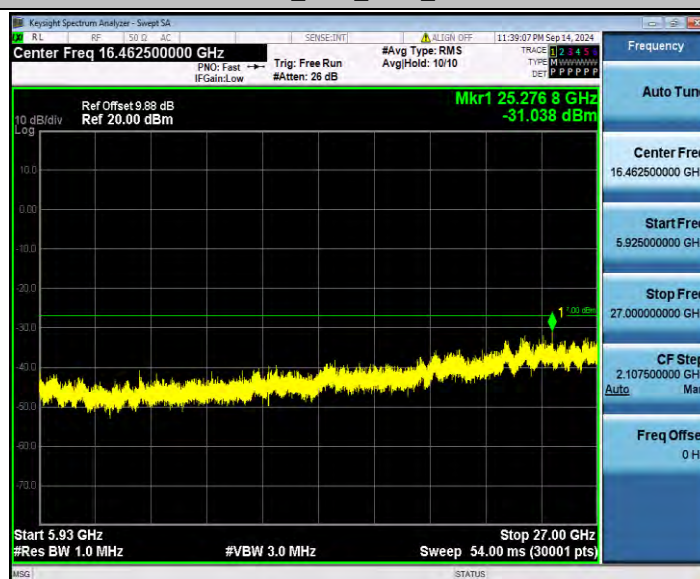
11AC80SISO_Ant2_5775_5925~27000



11AX20SISO_Ant2_5745_30~5650



11AX20SISO_Ant2_5745_5925~27000



11AX20SISO_Ant2_5785_30~5650



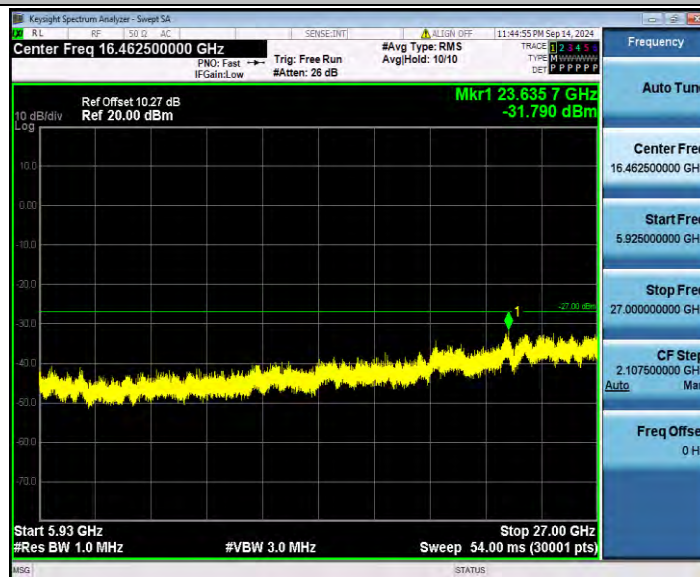
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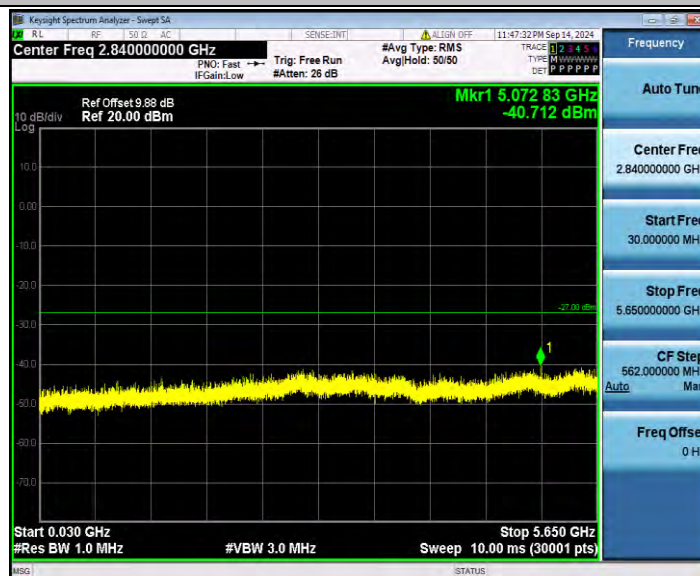
11AX20SISO_Ant2_5825_30~5650



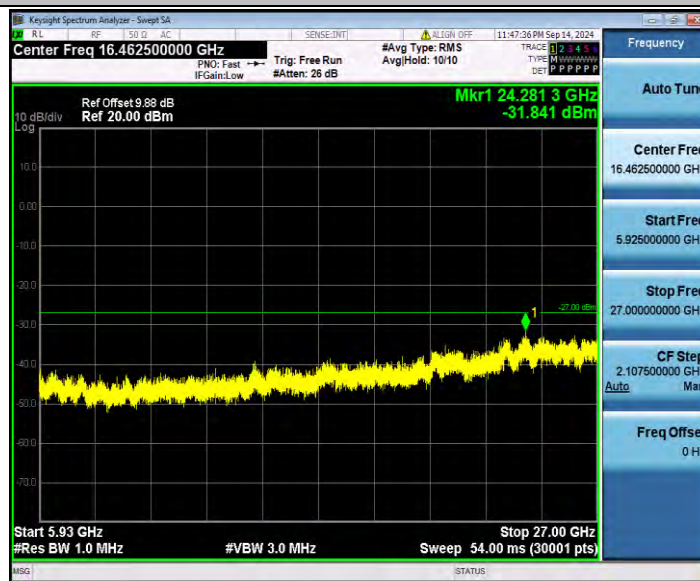
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11AX40SISO_Ant2_5755_30~5650



11AX40SISO_Ant2_5755_5925~27000



11AX40SISO_Ant2_5795_30~5650



11AX40SISO_Ant2_5795_5925~27000



11AX80SISO_Ant2_5775_30~5650



11AX80SISO_Ant2_5775_5925~27000

