

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	12.27	98.12	0.08	12.35	≤30.00	PASS
		5785	13.16	98.12	0.08	13.24	≤30.00	PASS
		5825	13.47	98.12	0.08	13.55	≤30.00	PASS
11N20SI SO	Ant1	5745	12.30	98.76	0.05	12.35	≤30.00	PASS
		5785	13.10	99.00	0.04	13.14	≤30.00	PASS
		5825	13.34	98.76	0.05	13.39	≤30.00	PASS
11N40SI SO	Ant1	5755	12.66	98.76	0.05	12.71	≤30.00	PASS
		5795	13.47	98.76	0.05	13.52	≤30.00	PASS
11AC20S ISO	Ant1	5745	12.30	98.75	0.05	12.35	≤30.00	PASS
		5785	13.02	99.00	0.04	13.06	≤30.00	PASS
		5825	13.36	98.75	0.05	13.41	≤30.00	PASS
11AC40S ISO	Ant1	5755	12.70	98.75	0.05	12.75	≤30.00	PASS
		5795	13.56	99.00	0.04	13.60	≤30.00	PASS
11AC80S ISO	Ant1	5775	12.99	98.75	0.05	13.04	≤30.00	PASS
11AX20SI SO	Ant1	5745	12.43	98.76	0.05	12.48	≤30.00	PASS
		5785	13.23	98.76	0.05	13.28	≤30.00	PASS
		5825	13.44	99.01	0.04	13.48	≤30.00	PASS
11AX40SI SO	Ant1	5755	12.36	98.76	0.05	12.41	≤30.00	PASS
		5795	13.21	98.76	0.05	13.26	≤30.00	PASS
11AX80SI SO	Ant1	5775	12.84	99.01	0.04	12.88	≤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	-1.27	≤30.00	PASS
		5785	-0.35	≤30.00	PASS
		5825	0.08	≤30.00	PASS
11N20SISO	Ant1	5745	-1.63	≤30.00	PASS
		5785	-0.68	≤30.00	PASS
		5825	-0.37	≤30.00	PASS
11N40SISO	Ant1	5755	-4.28	≤30.00	PASS
		5795	-3.51	≤30.00	PASS
11AC20SISO	Ant1	5745	-1.67	≤30.00	PASS
		5785	-0.67	≤30.00	PASS
		5825	-0.60	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.23	≤30.00	PASS
		5795	-3.42	≤30.00	PASS
11AC80SISO	Ant1	5775	-7.01	≤30.00	PASS
11AX20SISO	Ant1	5745	-1.87	≤30.00	PASS
		5785	-0.86	≤30.00	PASS
		5825	-0.57	≤30.00	PASS
11AX40SISO	Ant1	5755	-4.79	≤30.00	PASS
		5795	-4.20	≤30.00	PASS
11AX80SISO	Ant1	5775	-7.62	≤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



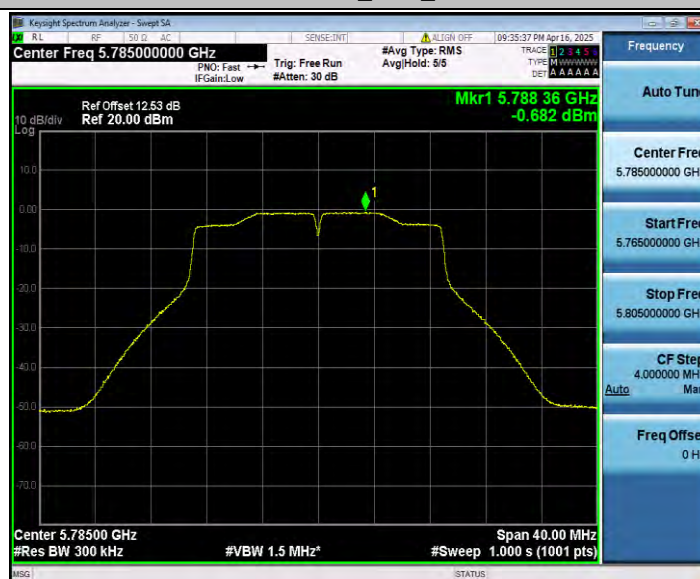
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



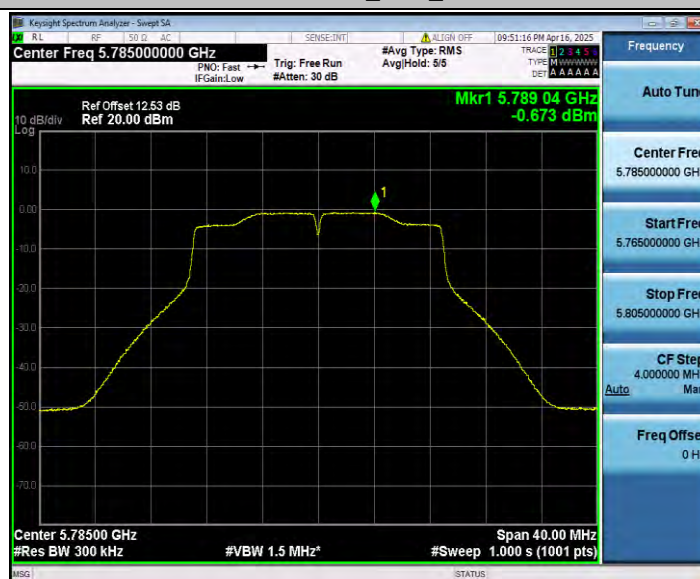
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



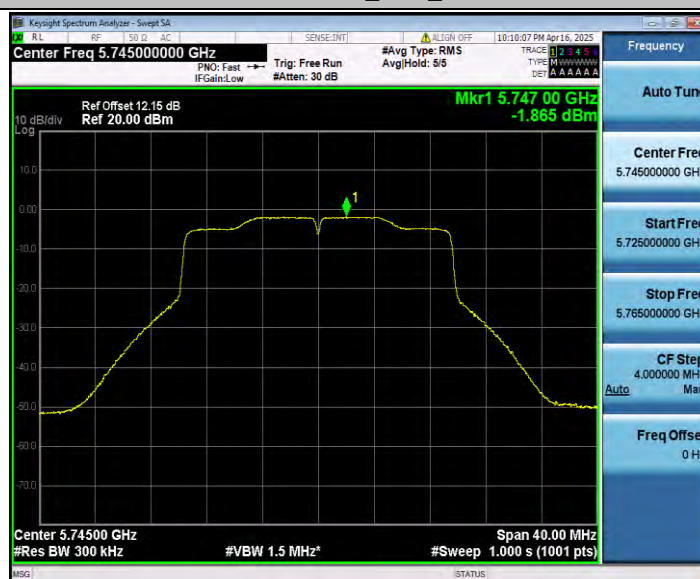
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11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



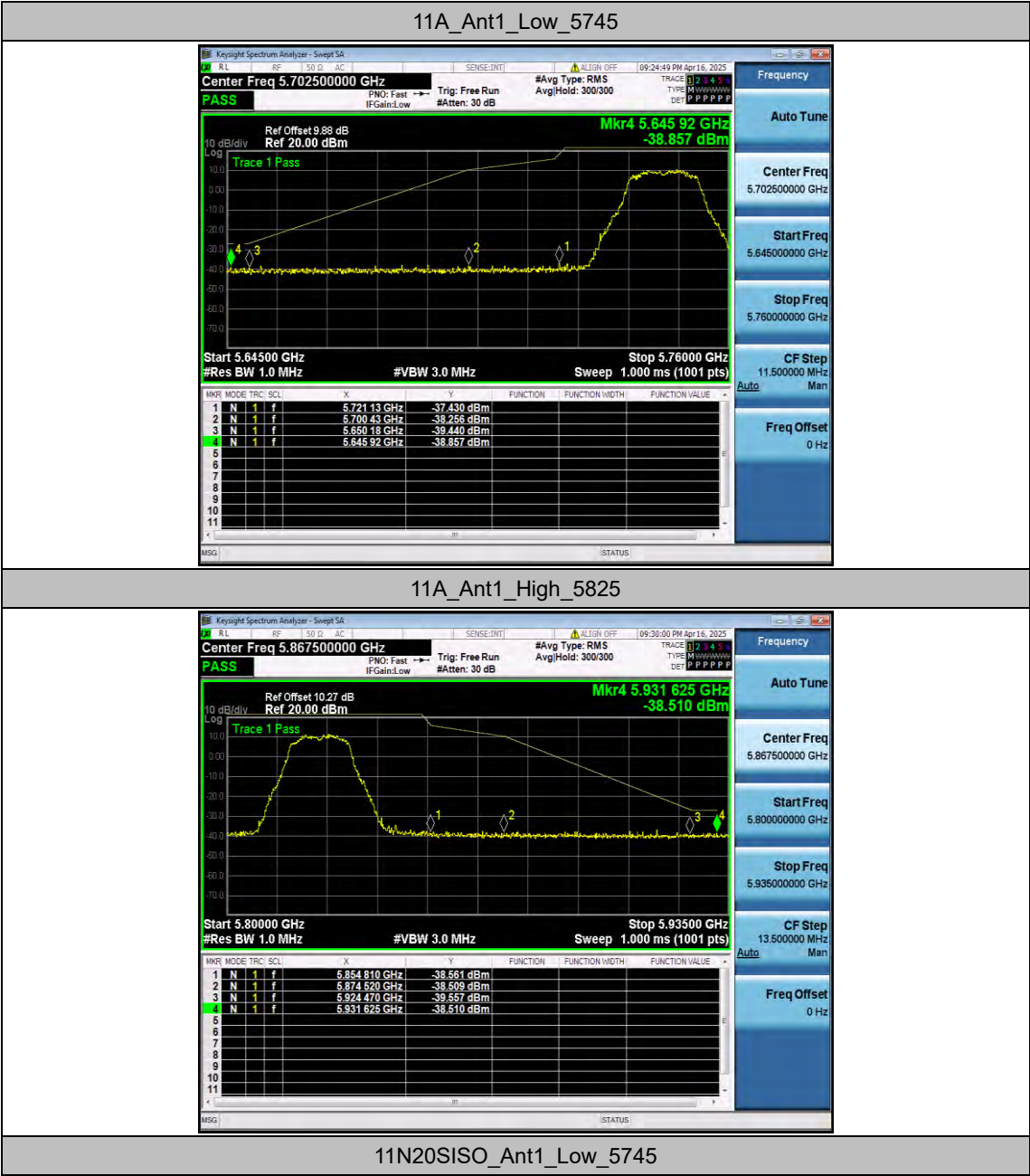
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.44	≤-26.87	PASS
				5700~5720	-38.26	≤10.12	PASS
				5720~5725	-37.43	≤18.18	PASS
				5760~5650	-38.86	≤-27	PASS
		High	5825	5850~5855	-38.56	≤16.03	PASS
				5855~5875	-38.51	≤10.13	PASS
				5875~5925	-39.56	≤-26.61	PASS
				5925~5935	-38.51	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.16	≤-26.70	PASS
				5700~5720	-39.28	≤10.76	PASS
				5720~5725	-38.83	≤16.08	PASS
				5760~5650	-38.87	≤-27	PASS
		High	5825	5850~5855	-37.62	≤15.73	PASS
				5855~5875	-38.82	≤10.13	PASS
				5875~5925	-37.33	≤-25.31	PASS
				5925~5935	-38.12	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.46	≤-26.60	PASS
				5700~5720	-38.84	≤10.06	PASS
				5720~5725	-38.92	≤16.04	PASS
				5780~5650	-38.82	≤-27	PASS
		High	5795	5850~5855	-38.98	≤15.66	PASS
				5855~5875	-38.22	≤10.62	PASS
				5875~5925	-38.23	≤-26.59	PASS
				5925~5935	-38.2	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.03	≤-26.27	PASS
				5700~5720	-39.05	≤10.47	PASS
				5720~5725	-39.36	≤16.08	PASS
				5760~5650	-38.58	≤-27	PASS
		High	5825	5850~5855	-37.83	≤16.03	PASS
				5855~5875	-38.13	≤10.21	PASS
				5875~5925	-38.8	≤-26.81	PASS
				5925~5935	-38.14	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.36	≤-26.50	PASS
				5700~5720	-39.59	≤10.02	PASS
				5720~5725	-40.29	≤15.74	PASS
				5780~5650	-38.78	≤-27	PASS

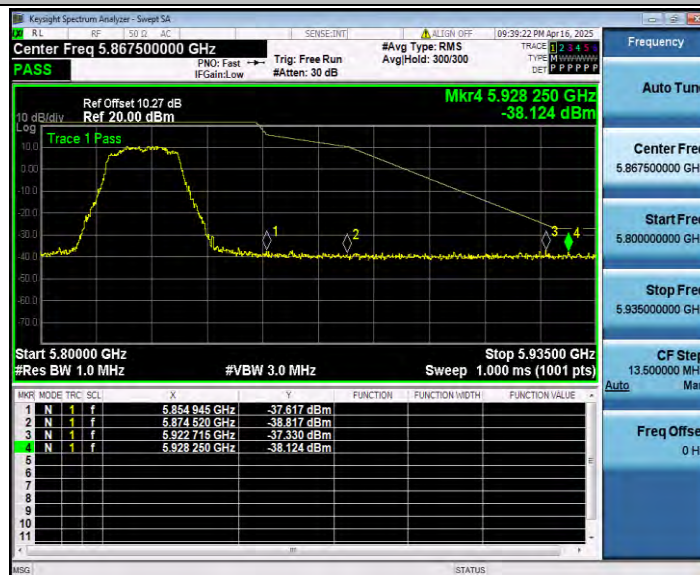
		High	5795	5850~5855	-38.47	≤ 15.66	PASS
				5855~5875	-38.21	≤ 10.39	PASS
				5875~5925	-39.08	≤ -26.71	PASS
				5925~5935	-37.43	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-40.39	≤ -26.69	PASS
				5700~5720	-37.62	≤ 10.66	PASS
				5720~5725	-36.95	≤ 16.35	PASS
				5800~5650	-39.23	≤ -27	PASS
		High	5775	5850~5855	-37.51	≤ 16.68	PASS
				5855~5875	-38.74	≤ 10.35	PASS
				5875~5925	-39.98	≤ -26.60	PASS
				5925~5935	-39.17	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.41	≤ -26.27	PASS
				5700~5720	-39.88	≤ 10.18	PASS
				5720~5725	-40.71	≤ 15.82	PASS
				5760~5650	-38.65	≤ -27	PASS
		High	5825	5850~5855	-38.31	≤ 15.73	PASS
				5855~5875	-38.35	≤ 10.21	PASS
				5875~5925	-38.77	≤ -26.11	PASS
				5925~5935	-37.81	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.21	≤ -26.70	PASS
				5700~5720	-39.33	≤ 10.51	PASS
				5720~5725	-39.98	≤ 15.74	PASS
				5780~5650	-39.56	≤ -27	PASS
		High	5795	5850~5855	-39.69	≤ 15.66	PASS
				5855~5875	-38.15	≤ 10.62	PASS
				5875~5925	-37.8	≤ -25.85	PASS
				5925~5935	-37.69	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-41.22	≤ -26.91	PASS
				5700~5720	-39.61	≤ 10.05	PASS
				5720~5725	-28.92	≤ 24.48	PASS
				5800~5650	-39.43	≤ -27	PASS
		High	5775	5850~5855	-39.3	≤ 15.84	PASS
				5855~5875	-39.12	≤ 10.14	PASS
				5875~5925	-38.12	≤ -26.73	PASS
				5925~5935	-38.79	≤ -27	PASS

Test Graphs B4

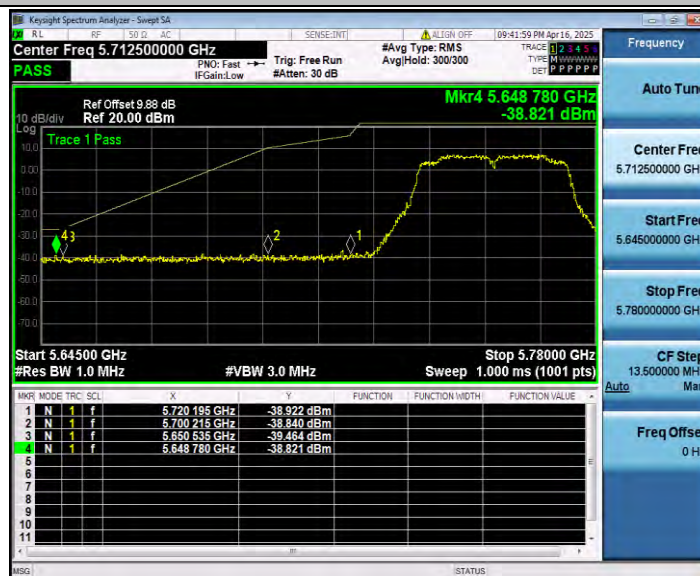




11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



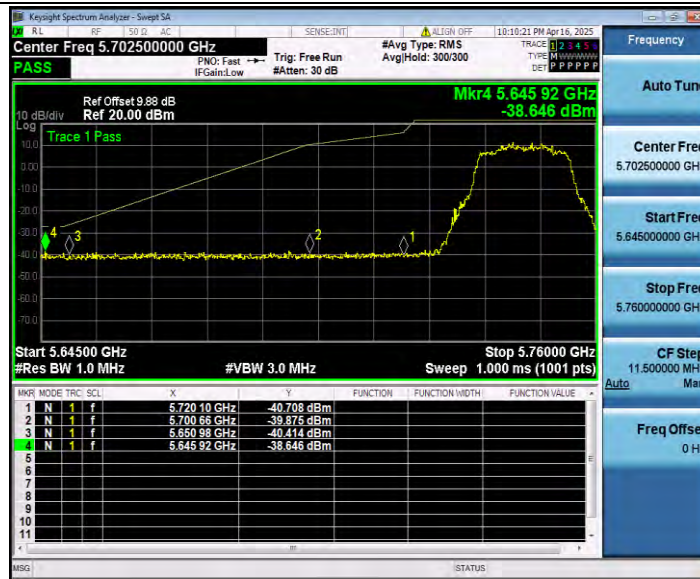
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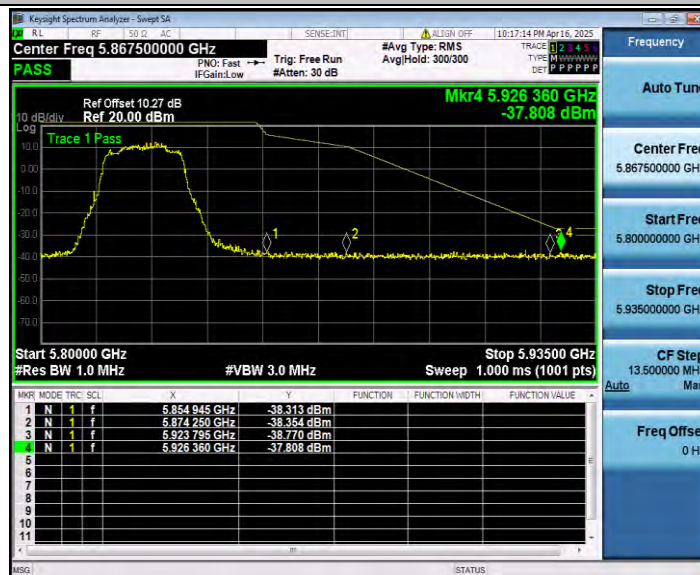
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11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



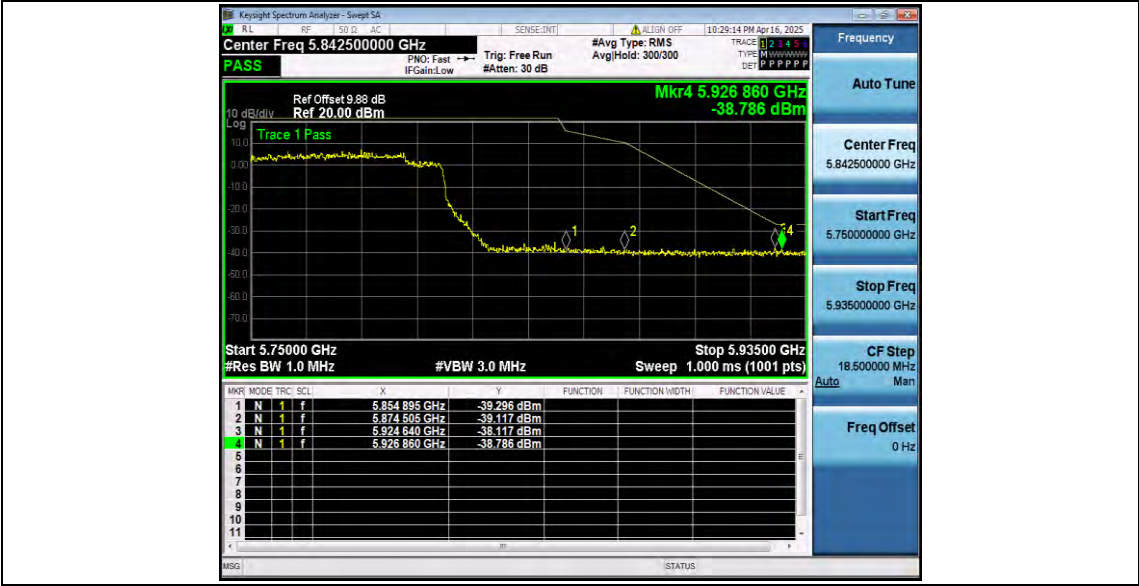
11AX40SISO_Ant1_High_5795



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	2649.67	-39.98	≤-27	PASS
			5925~27000	24859.48	-32.04	≤-27	PASS
		5785	30~5650	5497.89	-40.04	≤-27	PASS
			5925~27000	24815.93	-30.63	≤-27	PASS
		5825	30~5650	2866.41	-40.37	≤-27	PASS
			5925~27000	26919.21	-30.71	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	2678.33	-39.7	≤-27	PASS
			5925~27000	24299.59	-31.68	≤-27	PASS
		5785	30~5650	3510.84	-40.12	≤-27	PASS
			5925~27000	23459.4	-31.57	≤-27	PASS
		5825	30~5650	3314.52	-39.93	≤-27	PASS
			5925~27000	26822.27	-30.78	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5642.13	-40.82	≤-27	PASS
			5925~27000	24231.45	-31.67	≤-27	PASS
		5795	30~5650	3319.57	-40	≤-27	PASS
			5925~27000	24237.77	-31.15	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5263.72	-40.08	≤-27	PASS
			5925~27000	26635.4	-31.7	≤-27	PASS
		5785	30~5650	5436.25	-39.83	≤-27	PASS
			5925~27000	23567.59	-31.29	≤-27	PASS
		5825	30~5650	5500.32	-39.69	≤-27	PASS
			5925~27000	24961.35	-31.31	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	3181.13	-39.94	≤-27	PASS
			5925~27000	25676.49	-32.06	≤-27	PASS
		5795	30~5650	4897.67	-40.19	≤-27	PASS
			5925~27000	26975.41	-32.11	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5587.24	-40.2	≤-27	PASS
			5925~27000	24232.15	-31.16	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	3052.25	-40.71	≤-27	PASS
			5925~27000	24218.8	-31.01	≤-27	PASS
		5785	30~5650	2647.8	-40.27	≤-27	PASS
			5925~27000	25035.81	-31.67	≤-27	PASS
		5825	30~5650	5503.69	-39.99	≤-27	PASS
			5925~27000	25694.76	-31.24	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5444.5	-40.94	≤-27	PASS
			5925~27000	24839.11	-31.6	≤-27	PASS

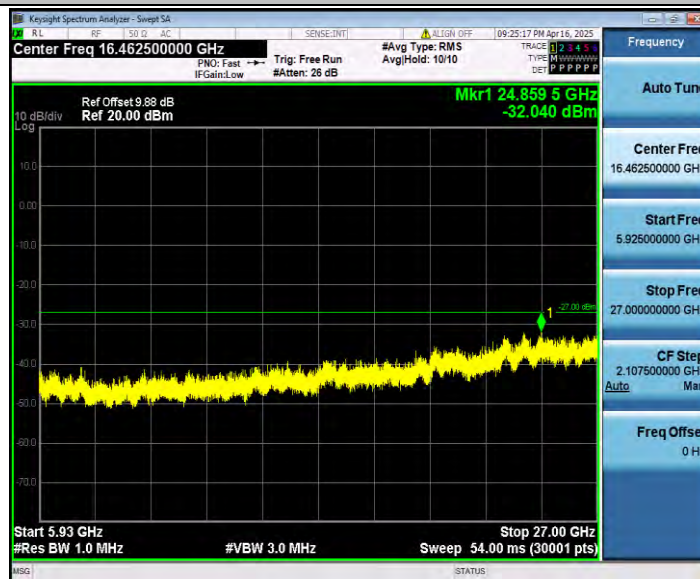
		5795	30~5650	2654.35	-40.19	≤-27	PASS
			5925~27000	25564.09	-31.27	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5420.7	-40.78	≤-27	PASS
			5925~27000	26935.37	-31.96	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



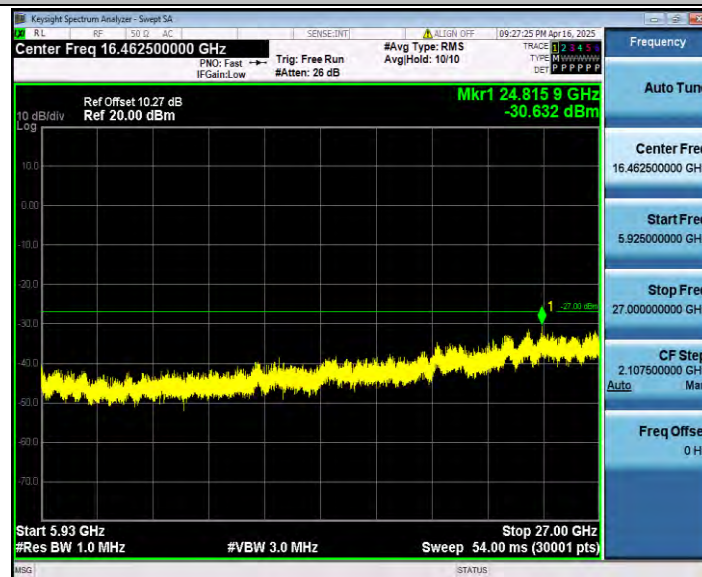
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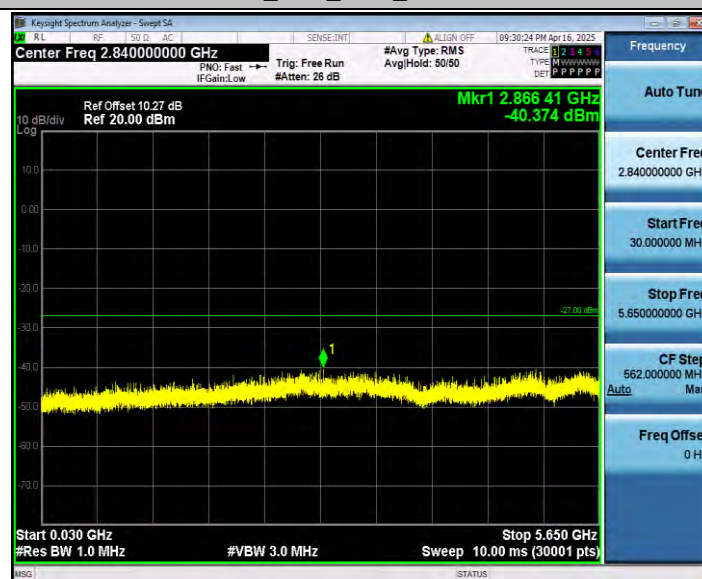
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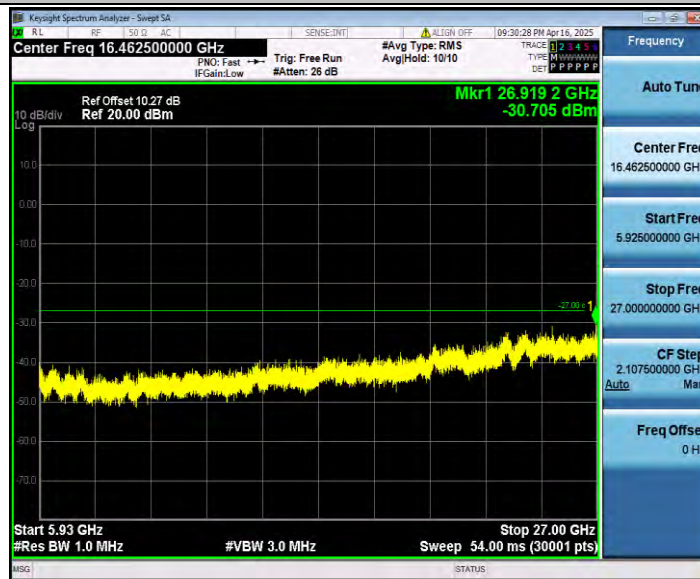
11A_Ant1_5785_5925~27000



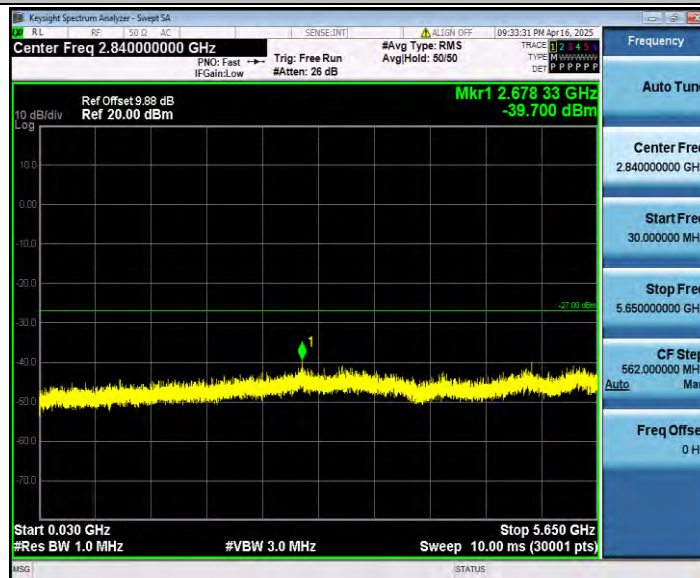
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



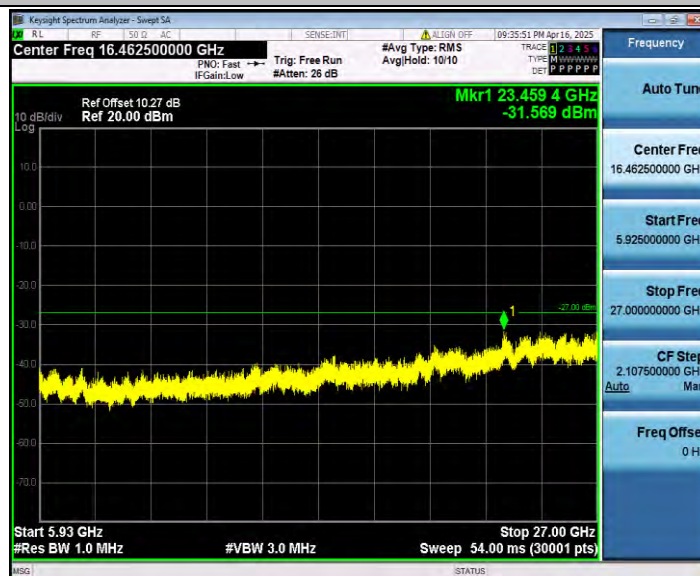
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



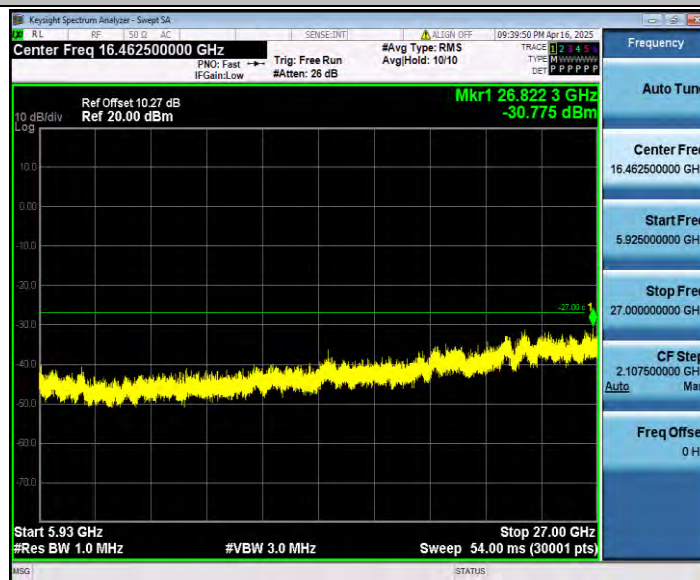
11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



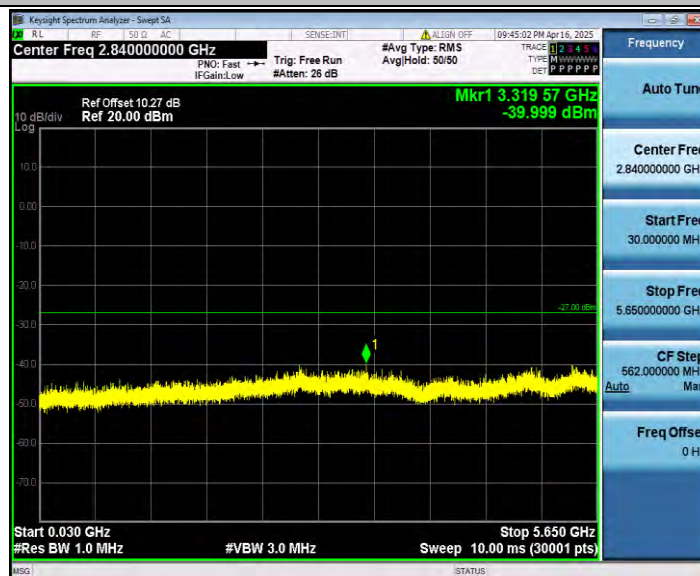
11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



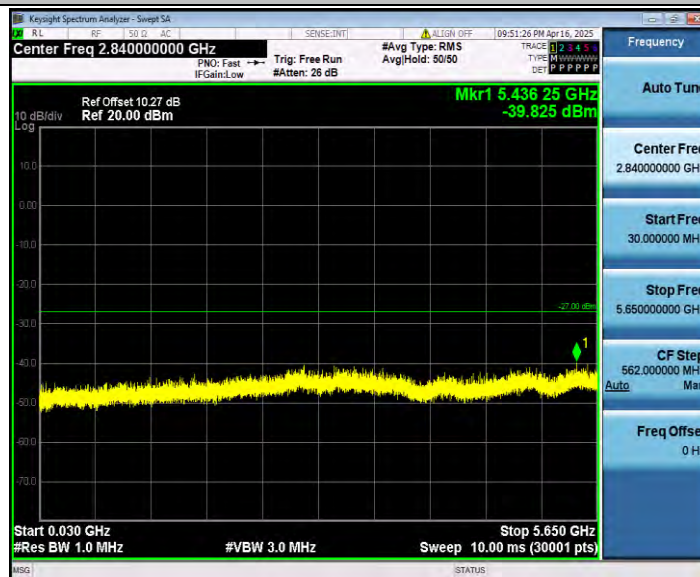
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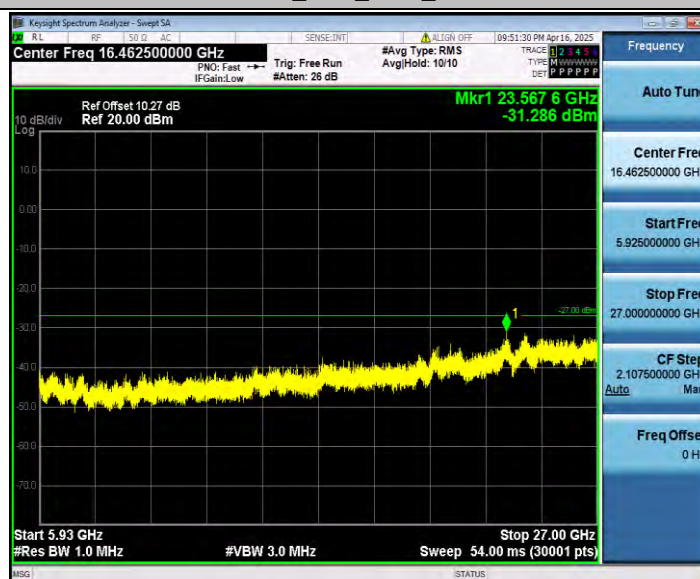
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11AC20SISO_Ant1_5785_30~5650



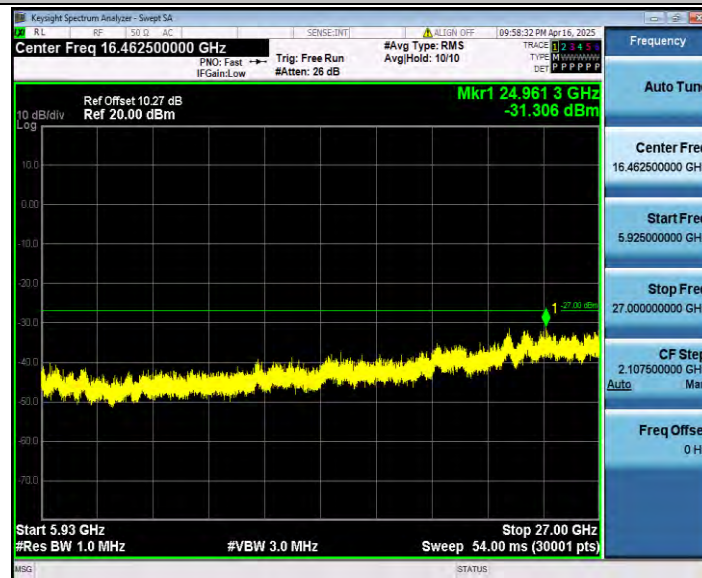
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11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



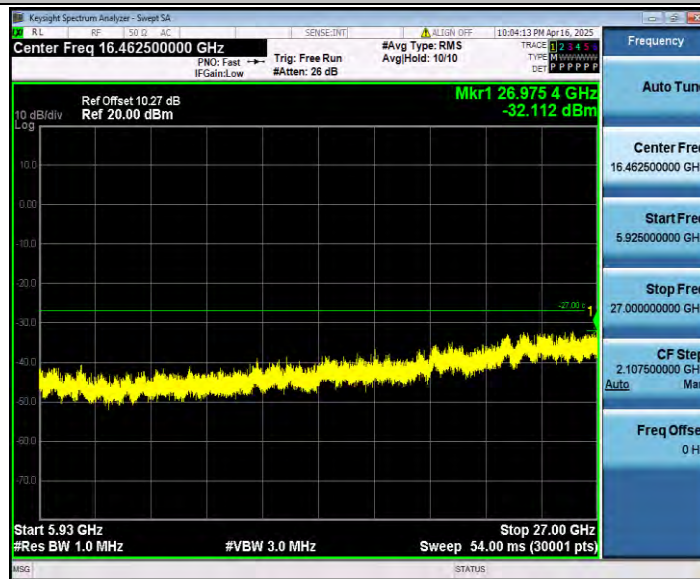
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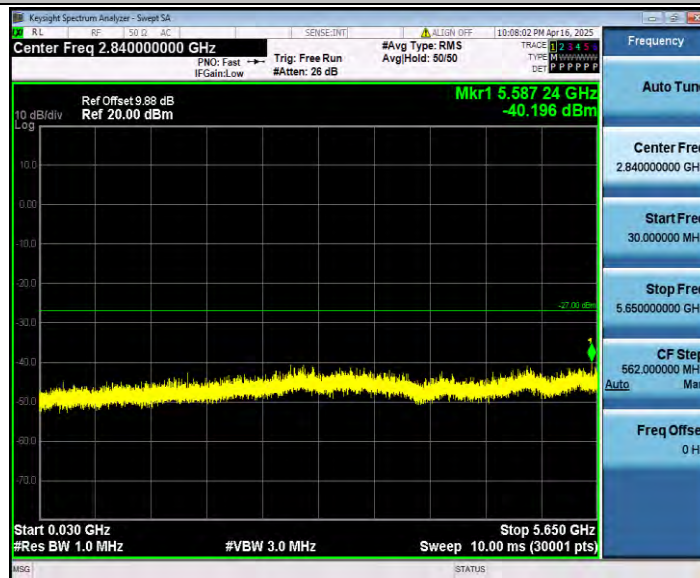
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11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



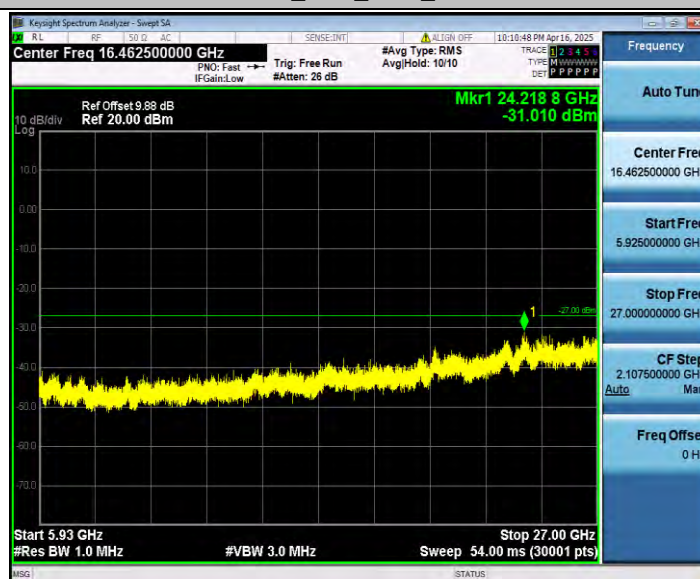
11AC80SISO_Ant1_5775_5925~27000



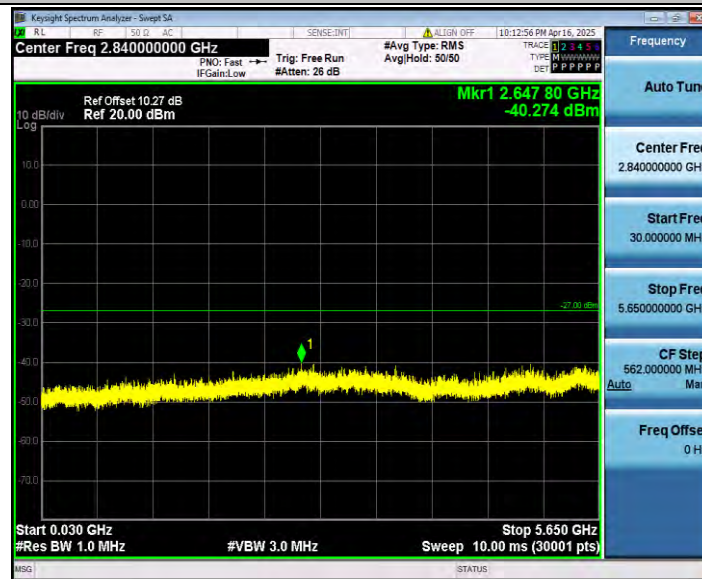
11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



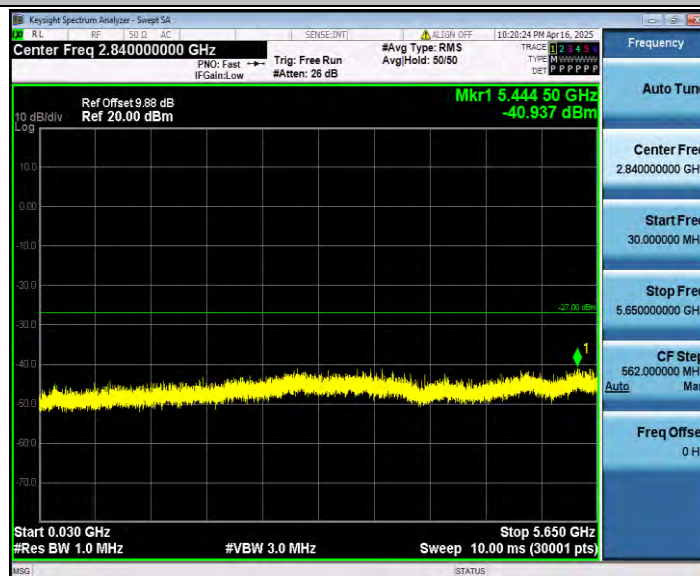
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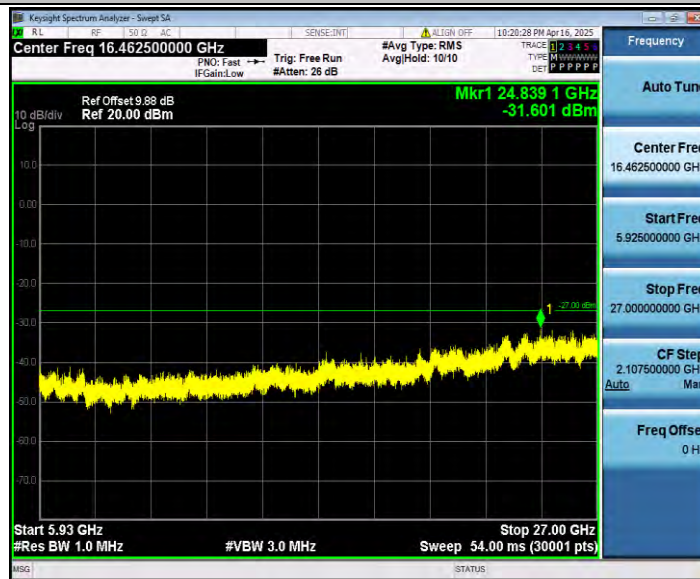
11AX20SISO_Ant1_5825_5925~27000



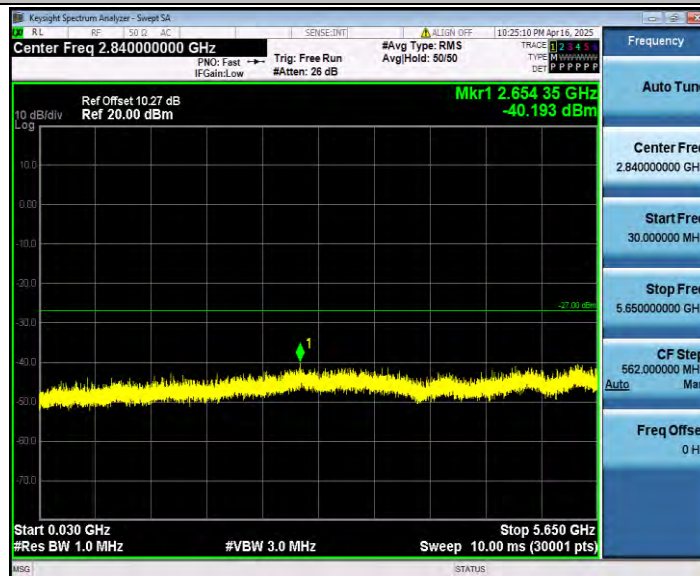
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11AX40SISO_Ant1_5755_5925~27000



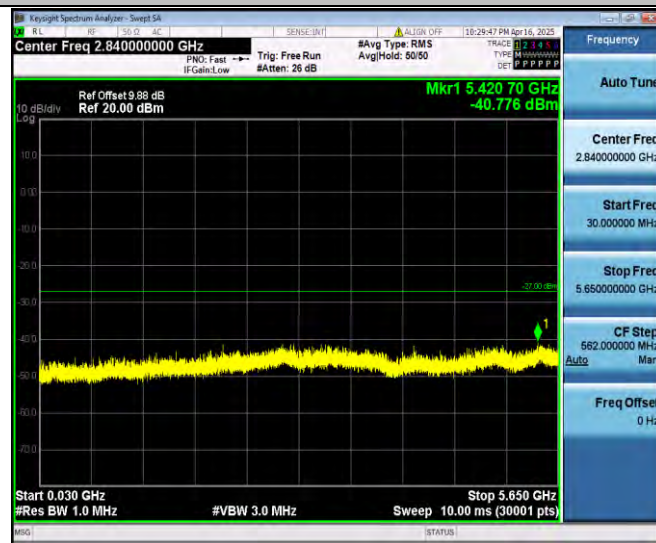
11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000

