

Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	7.35	78.09	1.07	8.42	≤30.00	PASS
		5785	8.31	78.53	1.05	9.36	≤30.00	PASS
		5825	8.32	78.65	1.04	9.36	≤30.00	PASS
11N20SISO	Ant1	5745	6.24	77.38	1.11	7.35	≤30.00	PASS
		5785	7.32	77.38	1.11	8.43	≤30.00	PASS
		5825	7.18	77.51	1.11	8.29	≤30.00	PASS
11N40SISO	Ant1	5755	5.64	64.36	1.91	7.55	≤30.00	PASS
		5795	6.38	61.54	2.11	8.49	≤30.00	PASS
11AC20SISO	Ant1	5745	5.54	64.15	1.93	7.47	≤30.00	PASS
		5785	6.60	63.55	1.97	8.57	≤30.00	PASS
		5825	6.40	63.55	1.97	8.37	≤30.00	PASS
11AC40SISO	Ant1	5755	4.63	47.30	3.25	7.88	≤30.00	PASS
		5795	5.20	47.30	3.25	8.45	≤30.00	PASS
11AC80SISO	Ant1	5775	3.01	31.58	5.01	8.02	≤30.00	PASS
11AX20SISO	Ant1	5745	3.10	36.36	4.39	7.49	≤30.00	PASS
		5785	4.06	36.36	4.39	8.45	≤30.00	PASS
		5825	4.11	37.50	4.26	8.37	≤30.00	PASS
11AX40SISO	Ant1	5755	3.57	35.09	4.55	8.12	≤30.00	PASS
		5795	4.39	36.36	4.39	8.78	≤30.00	PASS
11AX80SISO	Ant1	5775	3.66	33.90	4.70	8.36	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	2.66	≤30.00	PASS
		5785	3.53	≤30.00	PASS
		5825	3.38	≤30.00	PASS
11N20SISO	Ant1	5745	0.94	≤30.00	PASS
		5785	1.9	≤30.00	PASS
		5825	2.14	≤30.00	PASS
11N40SISO	Ant1	5755	-0.36	≤30.00	PASS
		5795	0.36	≤30.00	PASS
11AC20SISO	Ant1	5745	1.9	≤30.00	PASS
		5785	3.56	≤30.00	PASS
		5825	3.35	≤30.00	PASS
11AC40SISO	Ant1	5755	1.62	≤30.00	PASS
		5795	2.18	≤30.00	PASS
11AC80SISO	Ant1	5775	-0.86	≤30.00	PASS
11AX20SISO	Ant1	5745	4.77	≤30.00	PASS
		5785	6.21	≤30.00	PASS
		5825	6.3	≤30.00	PASS
11AX40SISO	Ant1	5755	1.62	≤30.00	PASS
		5795	4.42	≤30.00	PASS
11AX80SISO	Ant1	5775	-0.71	≤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



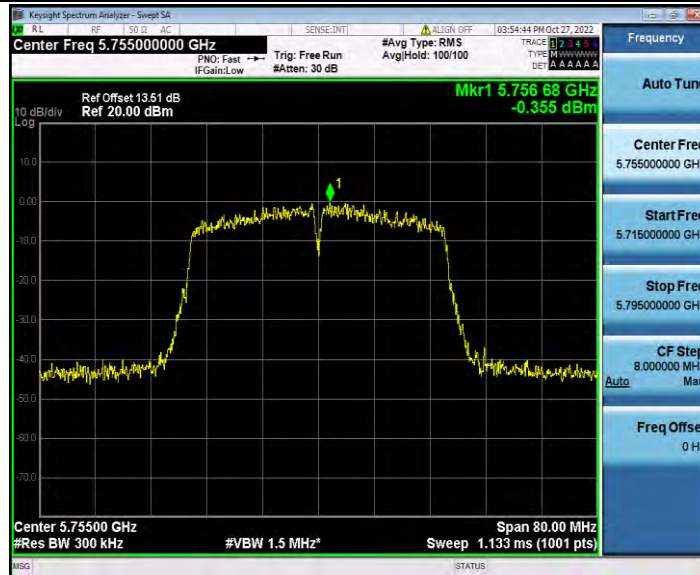
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



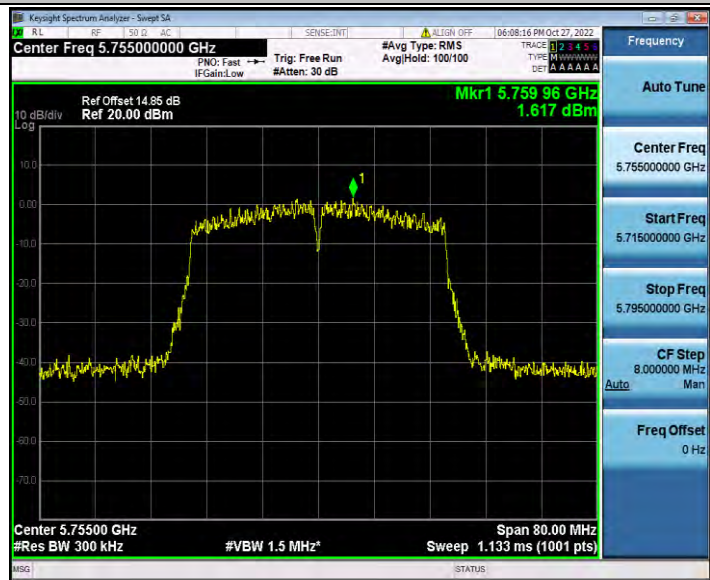
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11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



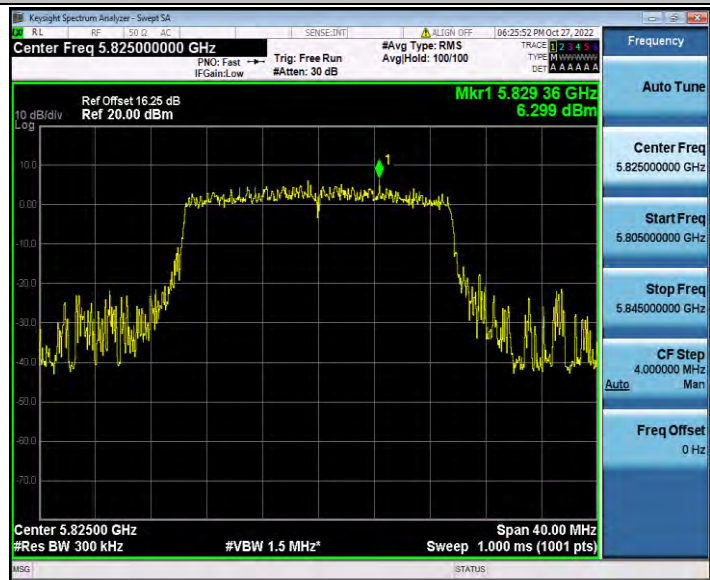
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11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.6: Band edge measurements

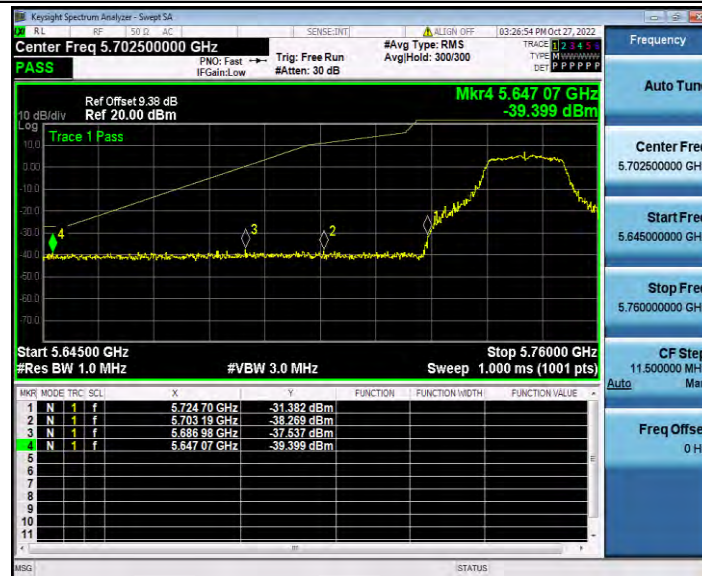
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-37.54	≤0.36	PASS
				5700~5720	-38.27	≤10.89	PASS
				5720~5725	-31.38	≤26.30	PASS
				5760~5650	-39.4	≤-27	PASS
		High	5825	5850~5855	-37.71	≤16.72	PASS
				5855~5875	-38.24	≤13.50	PASS
				5875~5925	-37.73	≤-22.36	PASS
				5925~5935	-38.98	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.31	≤2.49	PASS
				5700~5720	-38.27	≤12.25	PASS
				5720~5725	-34.23	≤26.83	PASS
				5760~5650	-39.8	≤-27	PASS
		High	5825	5850~5855	-38.89	≤17.03	PASS
				5855~5875	-37.73	≤12.78	PASS
				5875~5925	-38.04	≤-20.66	PASS
				5925~5935	-38.38	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.04	≤-20.81	PASS
				5700~5720	-38.11	≤14.44	PASS
				5720~5725	-38.32	≤26.82	PASS
				5780~5650	-40.36	≤-27	PASS
		High	5795	5850~5855	-39.2	≤23.18	PASS
				5855~5875	-37.83	≤10.27	PASS
				5875~5925	-38.54	≤-26.92	PASS
				5925~5935	-39.19	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-37.86	≤-16.57	PASS
				5700~5720	-38.03	≤10.47	PASS
				5720~5725	-34.51	≤26.83	PASS
				5760~5650	-39.3	≤-27	PASS
		High	5825	5850~5855	-36.9	≤23.80	PASS
				5855~5875	-37.03	≤10.02	PASS
				5875~5925	-37.85	≤-20.56	PASS
				5925~5935	-37.98	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-38.1	≤7.46	PASS
				5700~5720	-37.92	≤15.09	PASS
				5720~5725	-38	≤16.04	PASS
				5780~5650	-39.02	≤-27	PASS

		High	5795	5850~5855	-38.94	≤ 22.80	PASS
				5855~5875	-38.59	≤ 14.75	PASS
				5875~5925	-38.15	≤ 0.31	PASS
				5925~5935	-39.09	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-37.27	≤ -1.57	PASS
				5700~5720	-38.17	≤ 15.56	PASS
				5720~5725	-37.55	≤ 23.77	PASS
				5800~5650	-40.34	≤ -27	PASS
		High	5775	5850~5855	-39.57	≤ 19.59	PASS
				5855~5875	-39.06	≤ 12.46	PASS
				5875~5925	-39.36	≤ -23.81	PASS
				5925~5935	-38.7	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.08	≤ 9.81	PASS
				5700~5720	-38.84	≤ 13.89	PASS
				5720~5725	-28.49	≤ 26.57	PASS
				5760~5650	-39.29	≤ -27	PASS
		High	5825	5850~5855	-38.86	≤ 21.33	PASS
				5855~5875	-38.35	≤ 14.60	PASS
				5875~5925	-38.29	≤ -10.37	PASS
				5925~5935	-38.42	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.56	≤ 5.76	PASS
				5700~5720	-38.3	≤ 13.12	PASS
				5720~5725	-38.31	≤ 25.28	PASS
				5780~5650	-40.34	≤ -27	PASS
		High	5795	5850~5855	-39.18	≤ 23.56	PASS
				5855~5875	-38.71	≤ 14.89	PASS
				5875~5925	-37.84	≤ 3.36	PASS
				5925~5935	-38.81	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-38.07	≤ 6.69	PASS
				5700~5720	-37.95	≤ 12.61	PASS
				5720~5725	-37.81	≤ 21.65	PASS
				5800~5650	-39.37	≤ -27	PASS
		High	5775	5850~5855	-38.11	≤ 17.48	PASS
				5855~5875	-36.78	≤ 10.80	PASS
				5875~5925	-38.98	≤ -18.60	PASS
				5925~5935	-38.97	≤ -27	PASS

Test Graphs B4

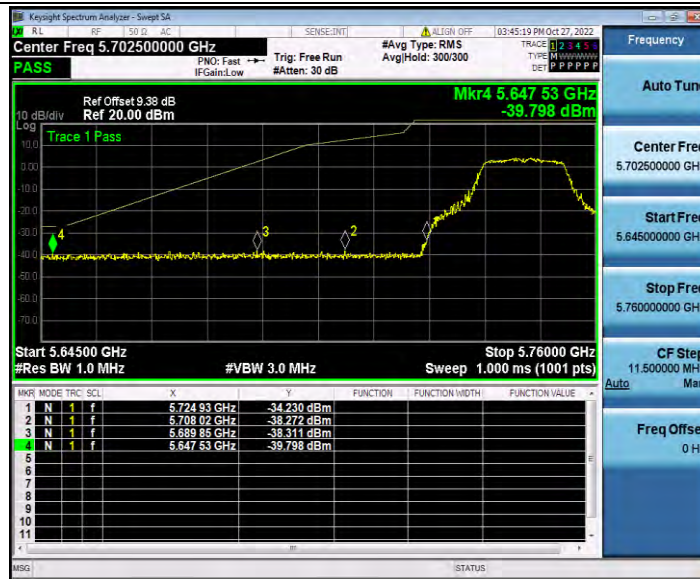
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11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



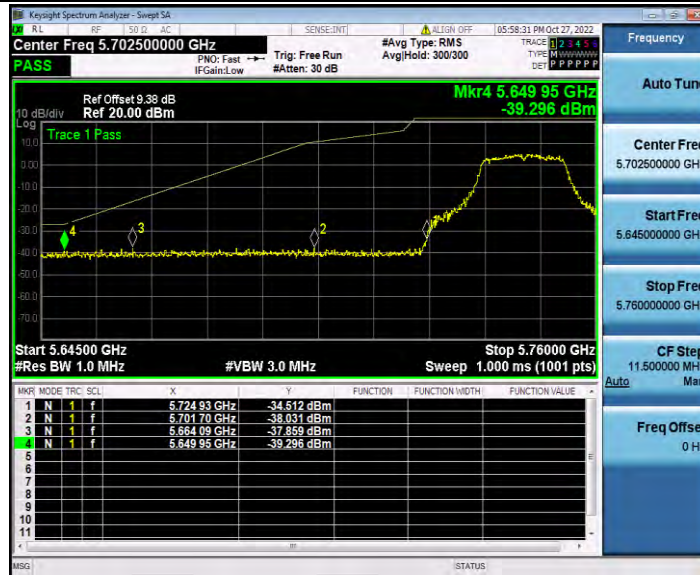
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11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



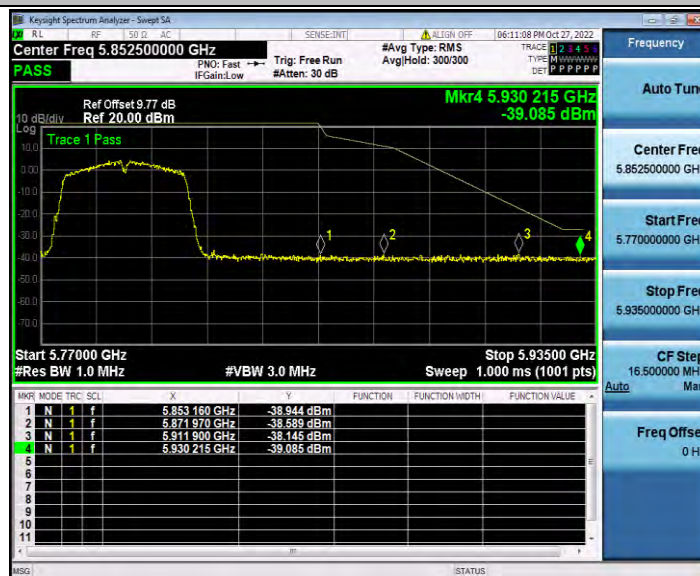
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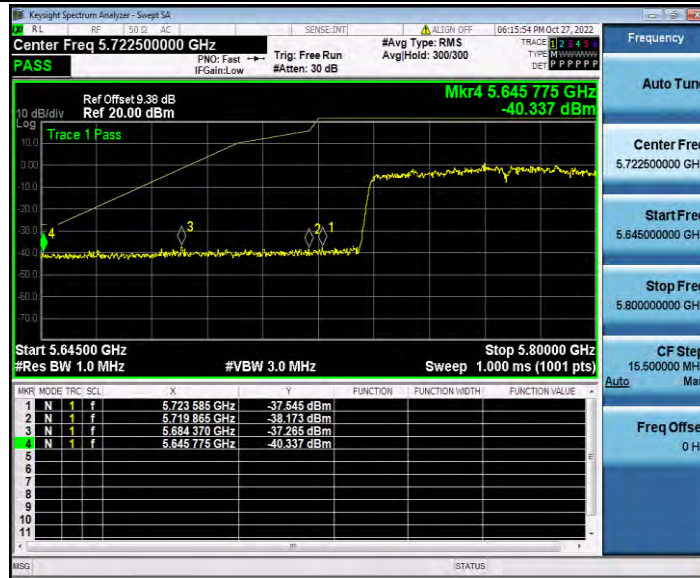
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11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



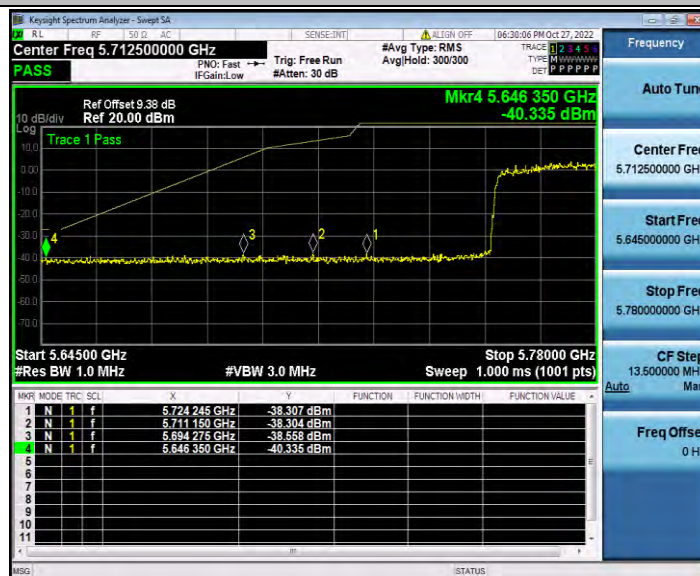
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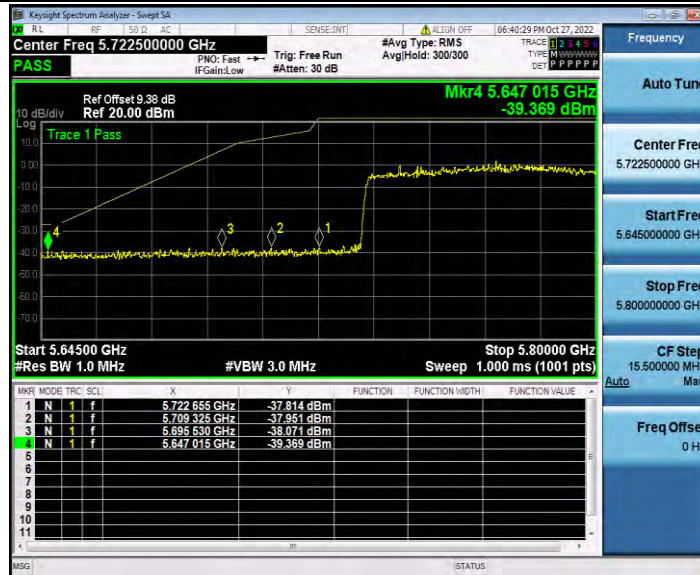
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5446.56	-40.91	≤-27	PASS
			5925~40000	24841.22	-32.52	≤-27	PASS
		5785	30~5650	4900.48	-40.18	≤-27	PASS
			5925~40000	24210.37	-32.14	≤-27	PASS
		5825	30~5650	2961.95	-40.35	≤-27	PASS
			5925~40000	24905.85	-32.78	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5512.87	-40.99	≤-27	PASS
			5925~40000	23541.59	-32.54	≤-27	PASS
		5785	30~5650	5528.23	-40.35	≤-27	PASS
			5925~40000	26685.98	-32.07	≤-27	PASS
		5825	30~5650	3020.59	-40.35	≤-27	PASS
			5925~40000	24792.75	-32.48	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5512.5	-41.02	≤-27	PASS
			5925~40000	24290.46	-31.99	≤-27	PASS
		5795	30~5650	5461.17	-39.75	≤-27	PASS
			5925~40000	25621.7	-31.94	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5393.92	-40.4	≤-27	PASS
			5925~40000	26903.06	-32.66	≤-27	PASS
		5785	30~5650	5386.42	-40.43	≤-27	PASS
			5925~40000	25744.63	-31.87	≤-27	PASS
		5825	30~5650	834.03	-39.52	≤-27	PASS
			5925~40000	25919.56	-32.35	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	834.22	-33.62	≤-27	PASS
			5925~40000	24259.55	-32.35	≤-27	PASS
		5795	30~5650	5418.83	-40.66	≤-27	PASS
			5925~40000	23498.74	-32.23	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	2566.87	-41.02	≤-27	PASS
			5925~40000	24261.66	-32.55	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	833.29	-39.71	≤-27	PASS
			5925~40000	24178.76	-32.28	≤-27	PASS
		5785	30~5650	5360.57	-41.15	≤-27	PASS
			5925~40000	24265.87	-32.07	≤-27	PASS
		5825	30~5650	5564.76	-40.81	≤-27	PASS
			5925~40000	24321.37	-31.37	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5614.03	-39.41	≤-27	PASS
			5925~40000	25299.95	-32.12	≤-27	PASS

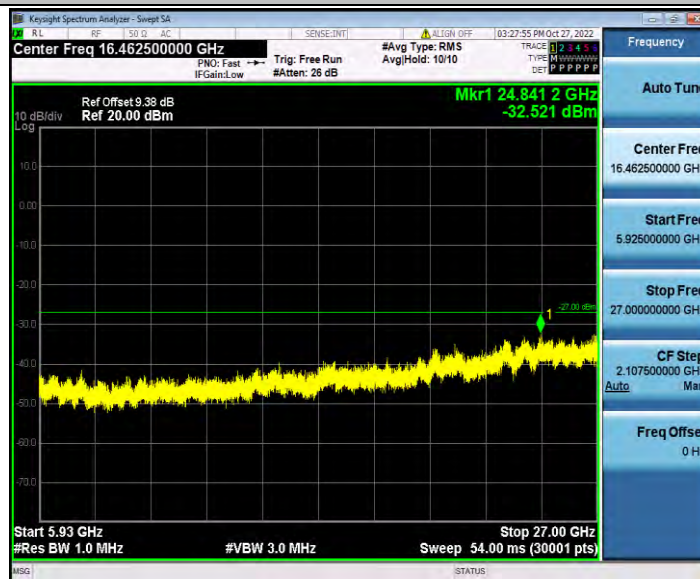
		5795	30~5650	4940.38	-40.15	≤-27	PASS
			5925~40000	24284.14	-31.83	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5476.53	-40.56	≤-27	PASS
			5925~40000	24187.19	-32.35	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



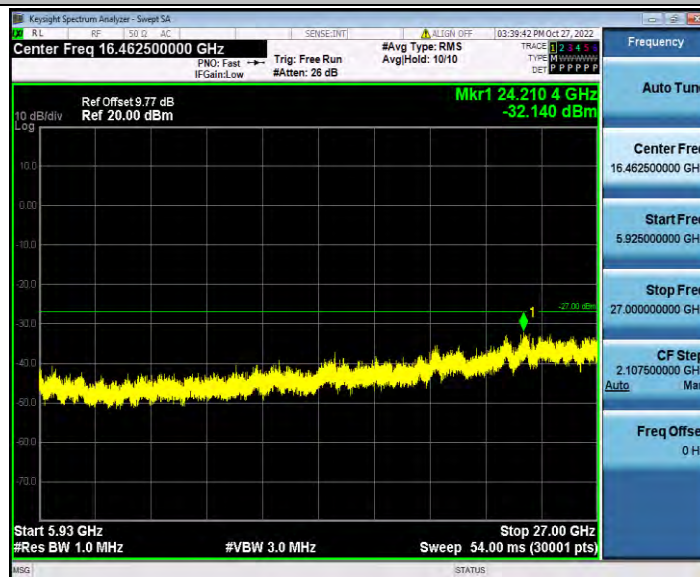
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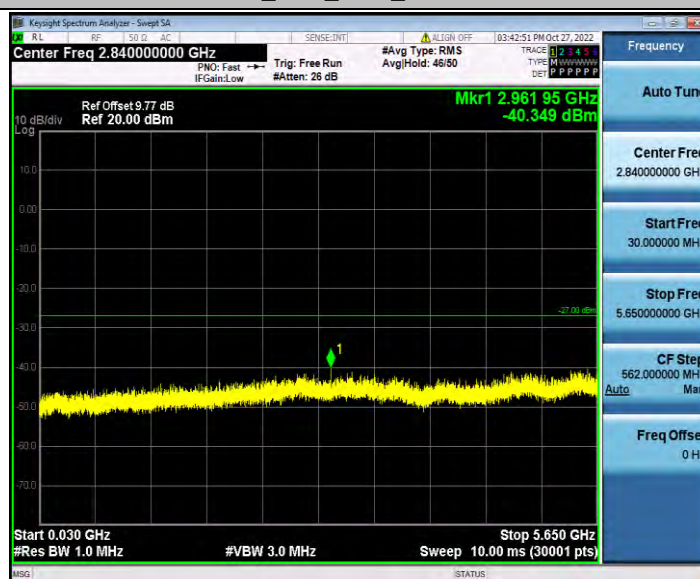
11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~40000



11A_Ant1_5825_30~5650



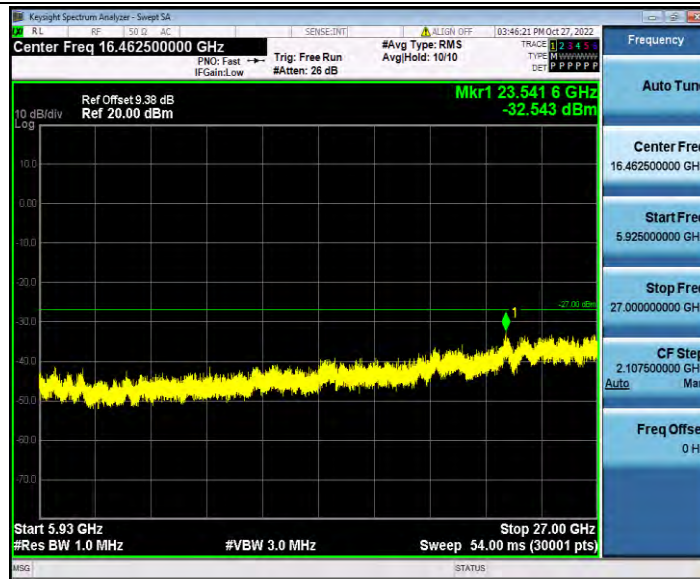
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11N20SISO_Ant1_5745_30~5650



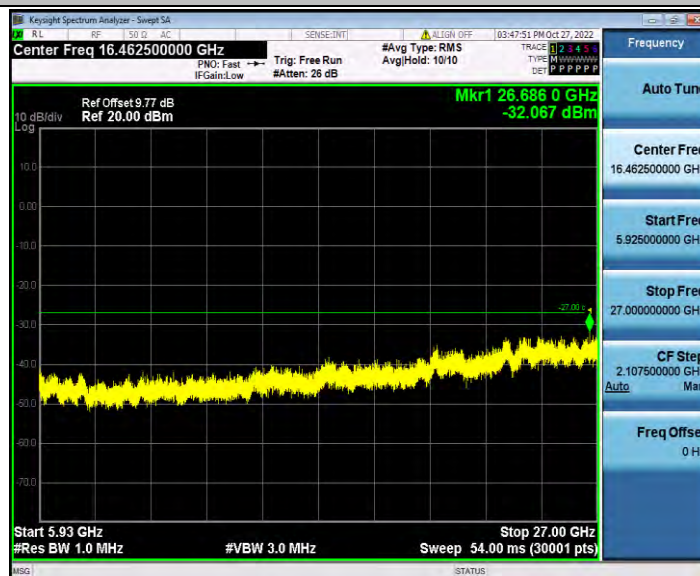
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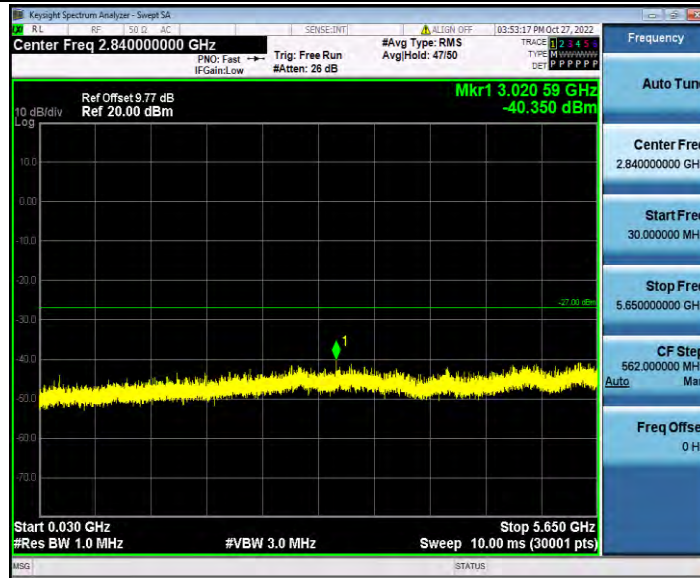
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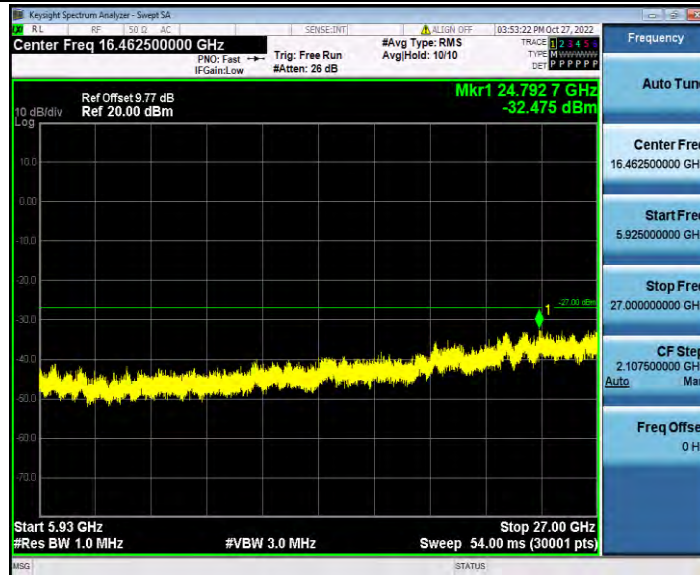
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11N20SISO_Ant1_5825_30~5650



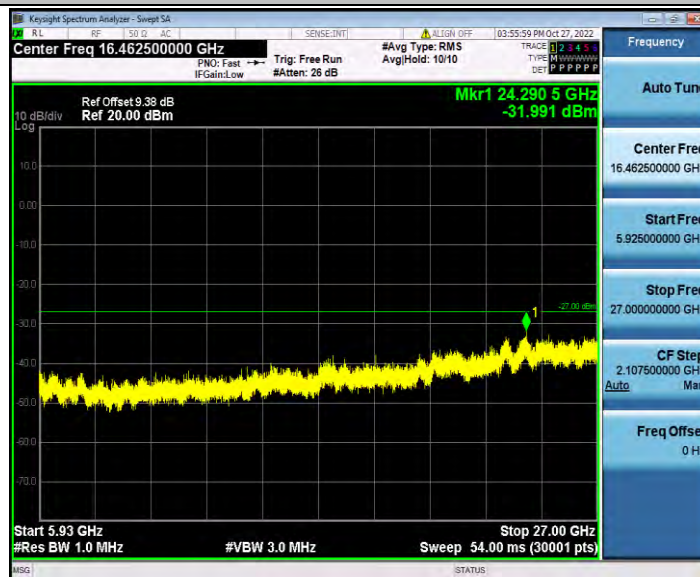
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11N40SISO_Ant1_5755_30~5650



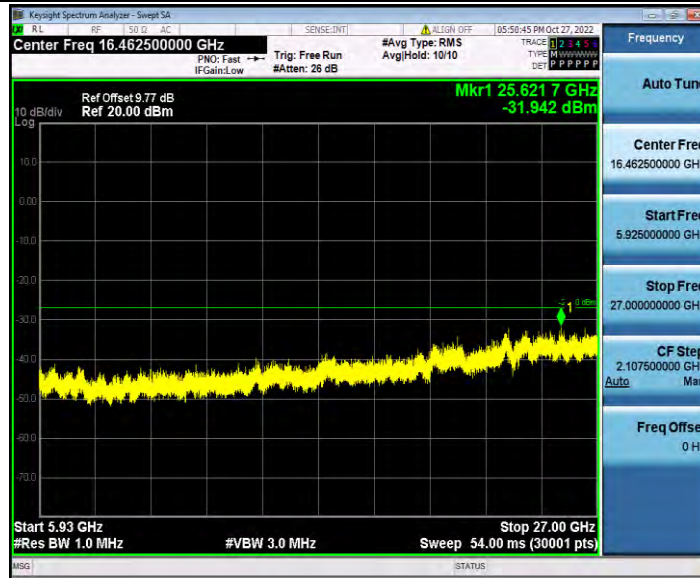
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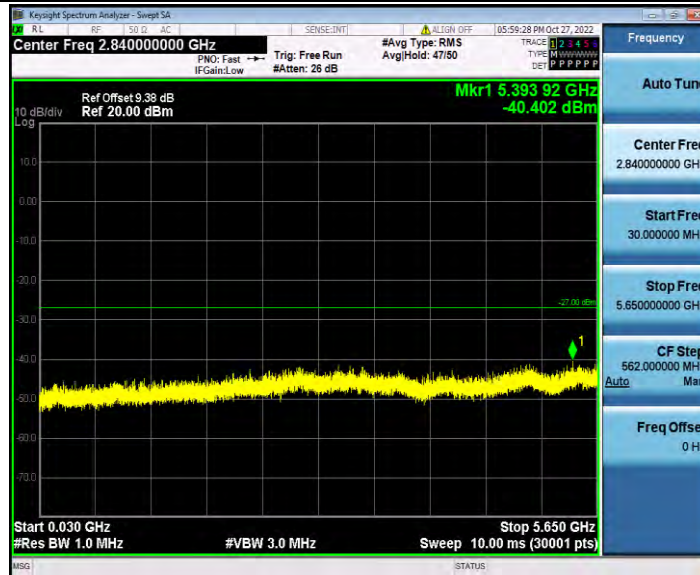
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11N40SISO_Ant1_5795_5925~40000



11AC20SISO_Ant1_5745_30~5650



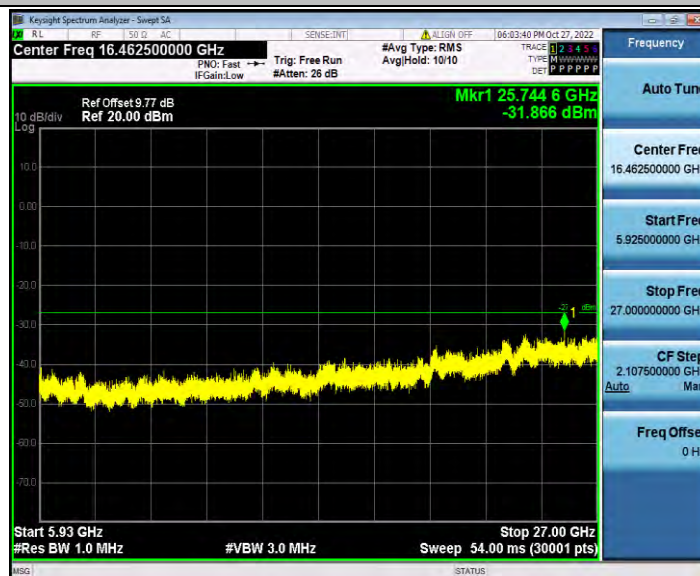
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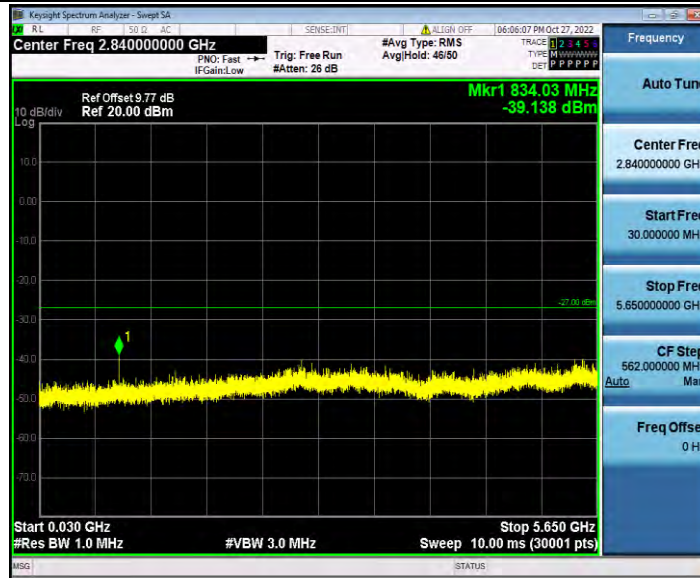
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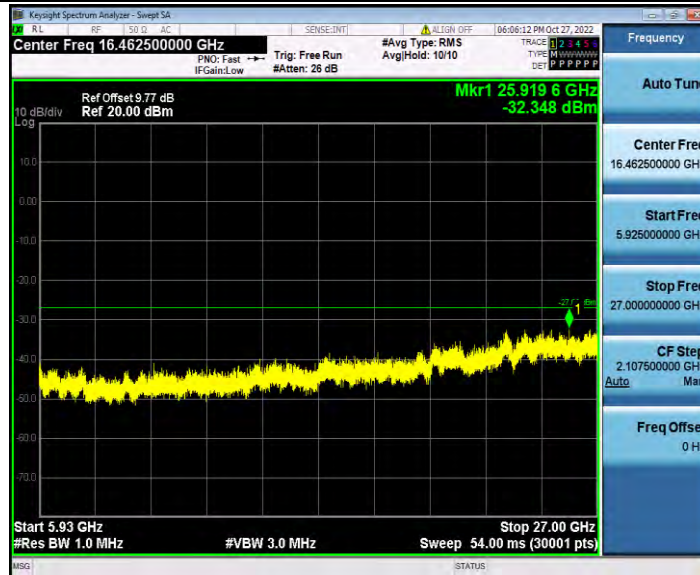
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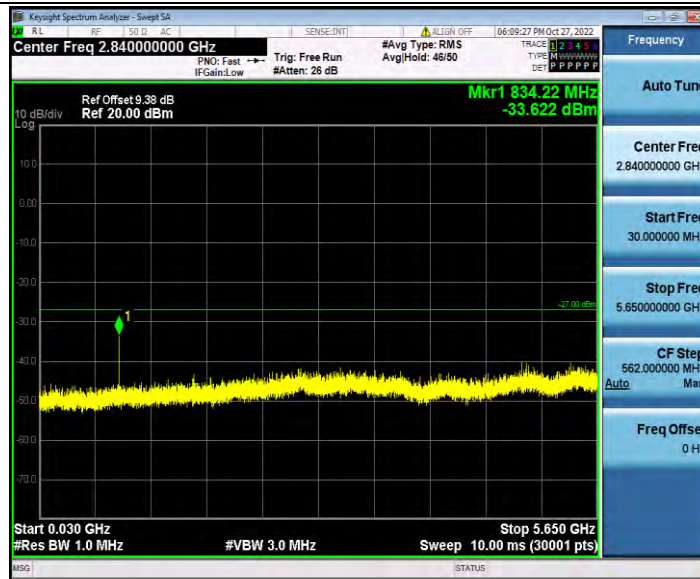
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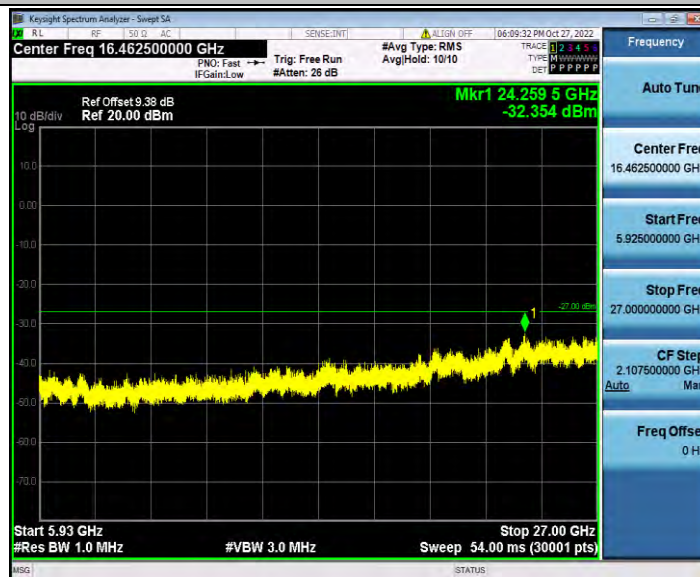
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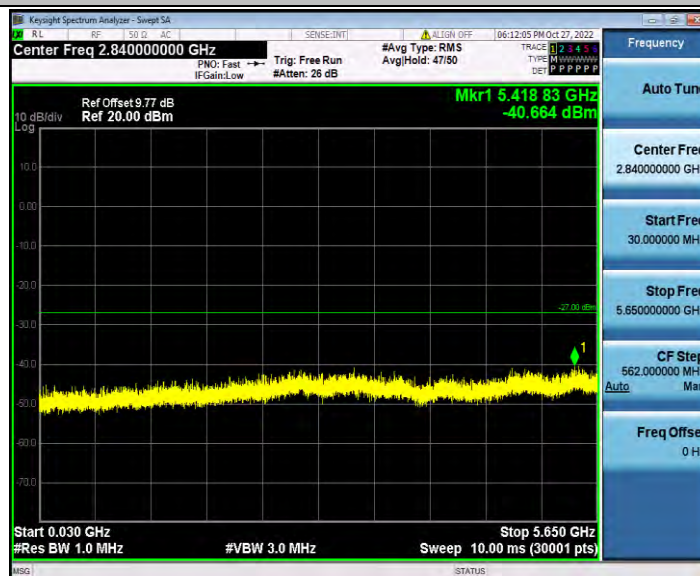
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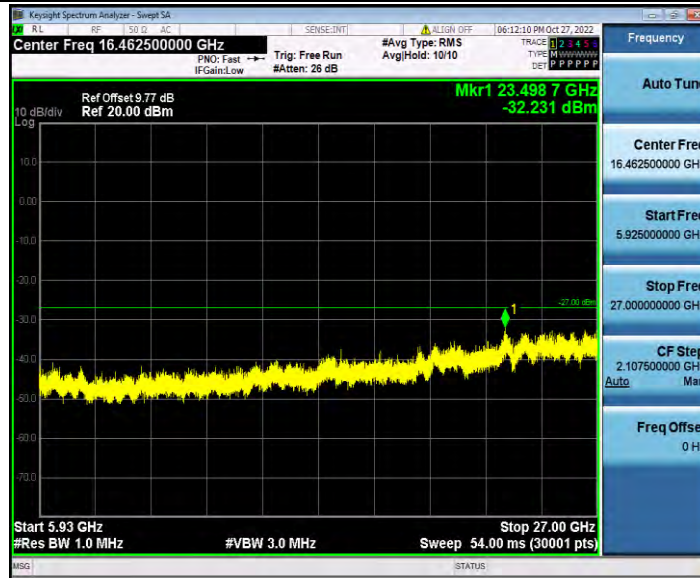
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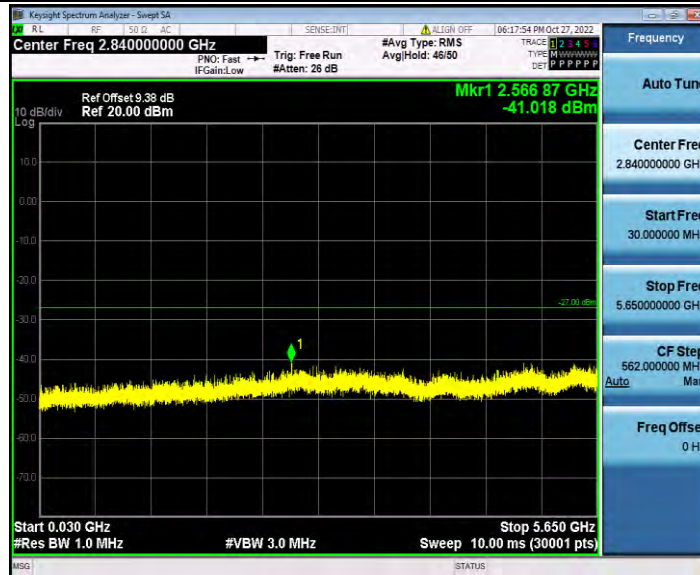
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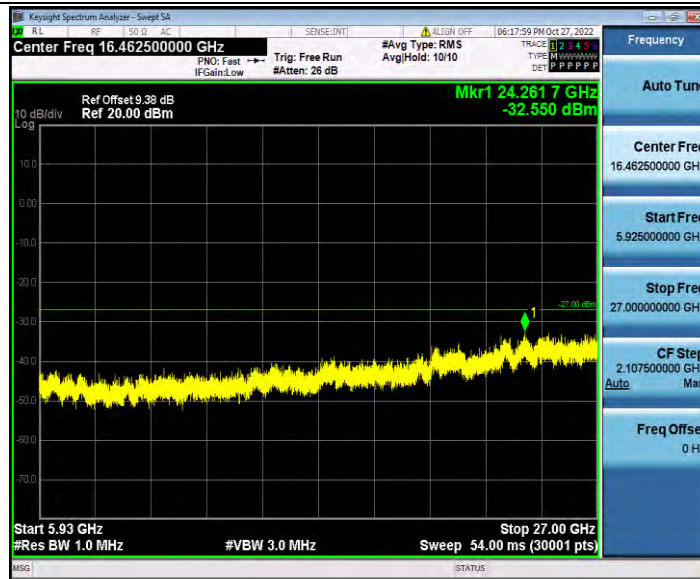
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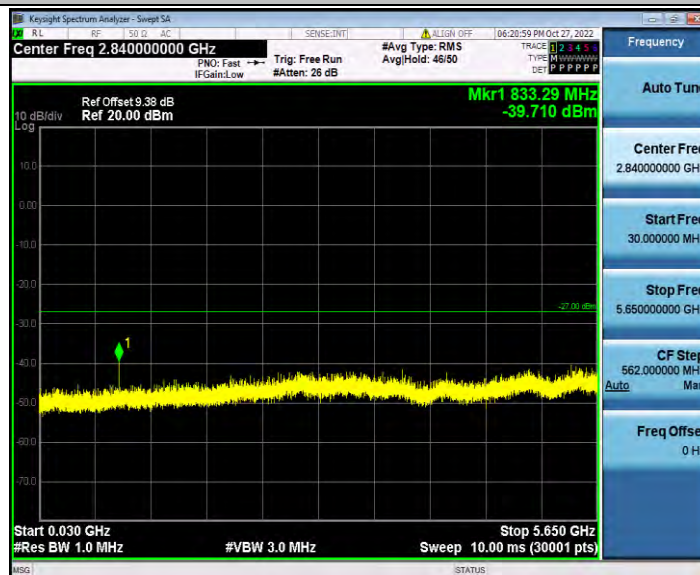
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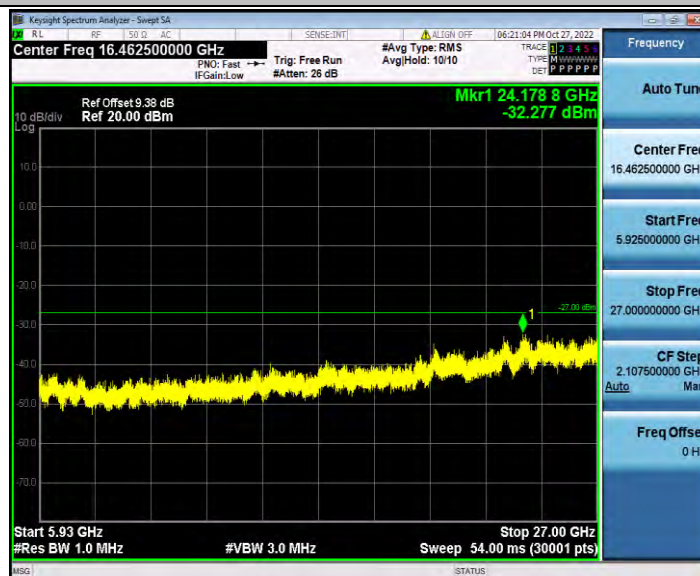
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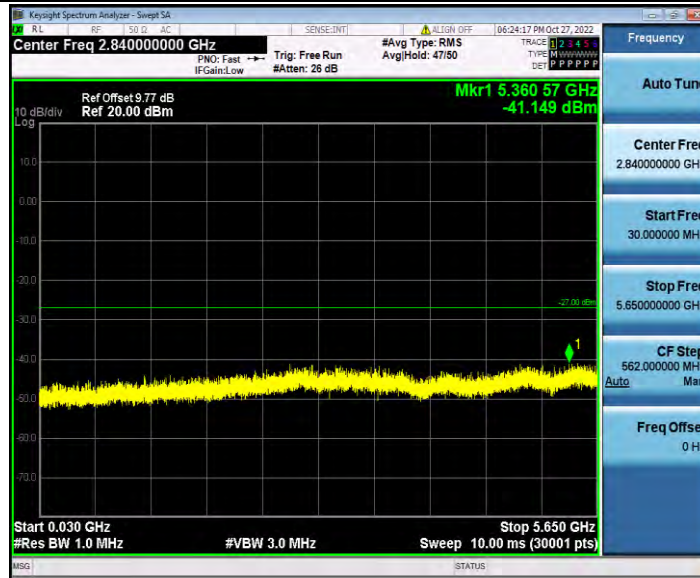
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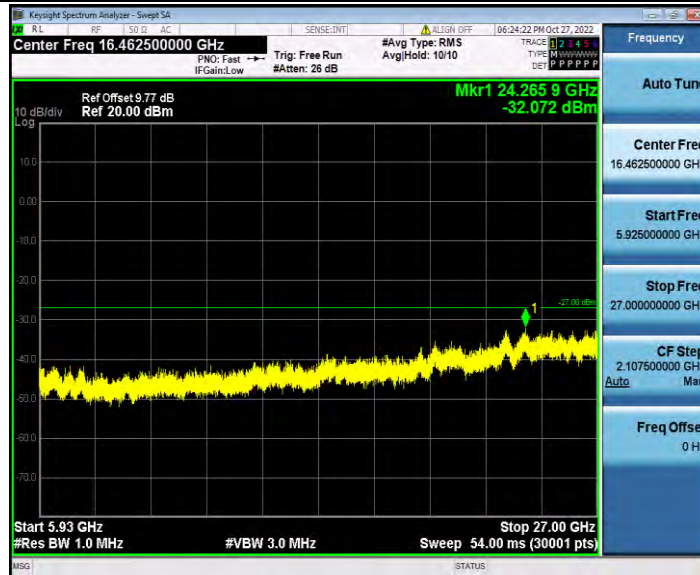
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11AX20SISO_Ant1_5785_30~5650



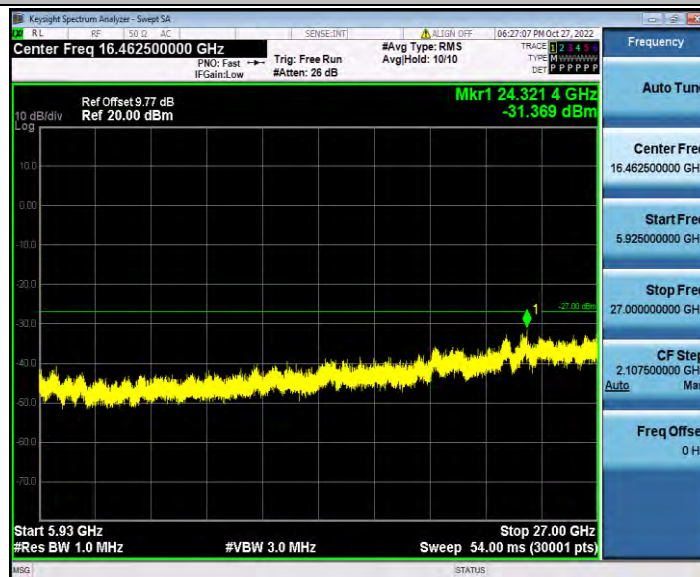
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11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~40000



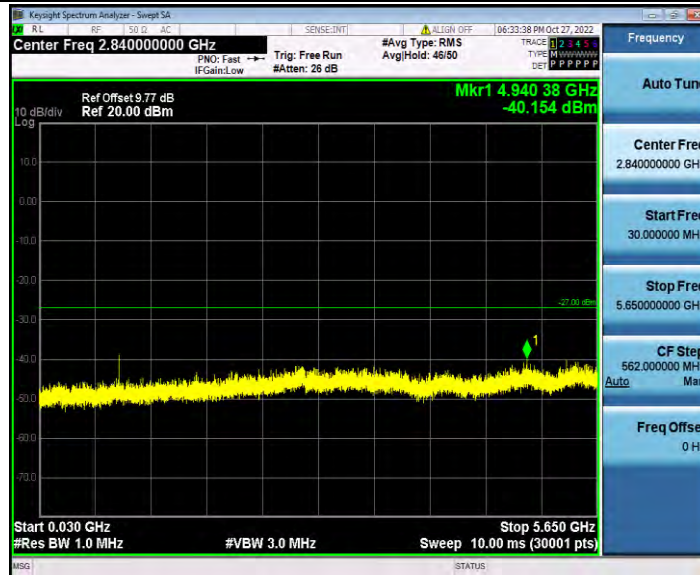
11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~40000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000

