

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	-39.06	≤-2.02	PASS
				5700~5720	-34.79	≤14.85	PASS
				5720~5725	-35.82	≤26.30	PASS
				5760~5650	-39.84	≤-27	PASS
		High	5825	5850~5855	-33.02	≤22.57	PASS
				5855~5875	-32.87	≤10.82	PASS
				5875~5925	-37.29	≤-24.56	PASS
				5925~5935	-39.08	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.92	≤-1.17	PASS
				5700~5720	-37.36	≤13.98	PASS
				5720~5725	-33.7	≤26.83	PASS
				5760~5650	-39.91	≤-27	PASS
		High	5825	5850~5855	-32.68	≤21.64	PASS
				5855~5875	-33.18	≤11.99	PASS
				5875~5925	-36.9	≤-22.16	PASS
				5925~5935	-38.81	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-33.1	≤9.76	PASS
				5700~5720	-26.25	≤13.73	PASS
				5720~5725	-27.26	≤16.04	PASS
				5780~5650	-38.08	≤-27	PASS
		High	5795	5850~5855	-32.6	≤17.91	PASS
				5855~5875	-32.81	≤10.04	PASS
				5875~5925	-36.64	≤-26.92	PASS
				5925~5935	-38.83	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.04	≤8.11	PASS
				5700~5720	-36.51	≤15.43	PASS
				5720~5725	-36.57	≤23.42	PASS
				5760~5650	-40.8	≤-27	PASS
		High	5825	5850~5855	-31.41	≤15.79	PASS
				5855~5875	-33.14	≤10.66	PASS
				5875~5925	-36.94	≤-25.46	PASS
				5925~5935	-38.88	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-34.12	≤2.87	PASS
				5700~5720	-27.29	≤14.63	PASS
				5720~5725	-25.72	≤21.89	PASS

		High	5795	5780~5650	-39.11	≤ -27	PASS
				5850~5855	-33.55	≤ 25.81	PASS
				5855~5875	-32.95	≤ 10.59	PASS
				5875~5925	-34.91	≤ -20.33	PASS
				5925~5935	-39.4	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-29.93	≤ 4.28	PASS
				5700~5720	-23.14	≤ 13.09	PASS
				5720~5725	-25.02	≤ 18.12	PASS
				5800~5650	-34.78	≤ -27	PASS
		High	5775	5850~5855	-24.6	≤ 16.22	PASS
				5855~5875	-26.05	≤ 10.13	PASS
				5875~5925	-31.93	≤ -22.03	PASS
				5925~5935	-38.31	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.98	≤ 0.36	PASS
				5700~5720	-38.96	≤ 14.50	PASS
				5720~5725	-39.78	≤ 24.73	PASS
				5760~5650	-39.87	≤ -27	PASS
		High	5825	5850~5855	-38.83	≤ 21.03	PASS
				5855~5875	-38.72	≤ 13.61	PASS
				5875~5925	-37.96	≤ -14.87	PASS
				5925~5935	-38.96	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.94	≤ -25.51	PASS
				5700~5720	-38.96	≤ 13.58	PASS
				5720~5725	-37.8	≤ 19.12	PASS
				5780~5650	-39.53	≤ -27	PASS
		High	5795	5850~5855	-38.6	≤ 23.93	PASS
				5855~5875	-37.62	≤ 14.43	PASS
				5875~5925	-37.5	≤ 2.50	PASS
				5925~5935	-38.6	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-38.37	≤ 8.76	PASS
				5700~5720	-39.25	≤ 13.78	PASS
				5720~5725	-36.12	≤ 26.95	PASS
				5800~5650	-39.37	≤ -27	PASS
		High	5775	5850~5855	-39.11	≤ 25.92	PASS
				5855~5875	-38.93	≤ 10.38	PASS
				5875~5925	-38.3	≤ -21.89	PASS
				5925~5935	-38.45	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



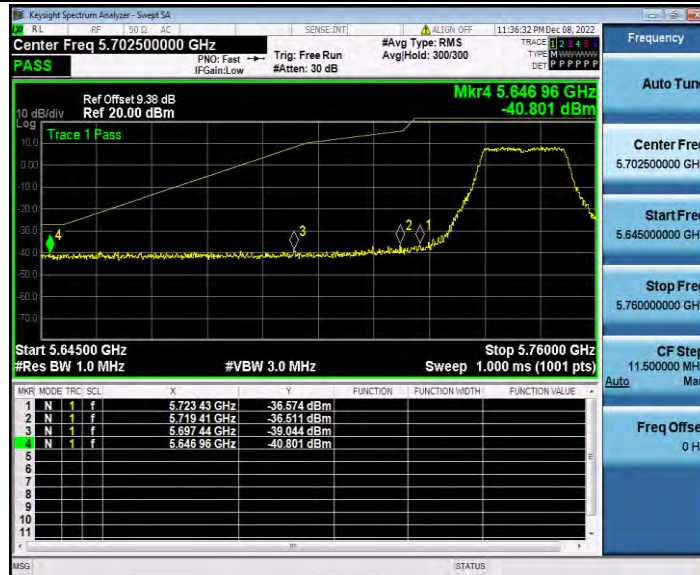
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



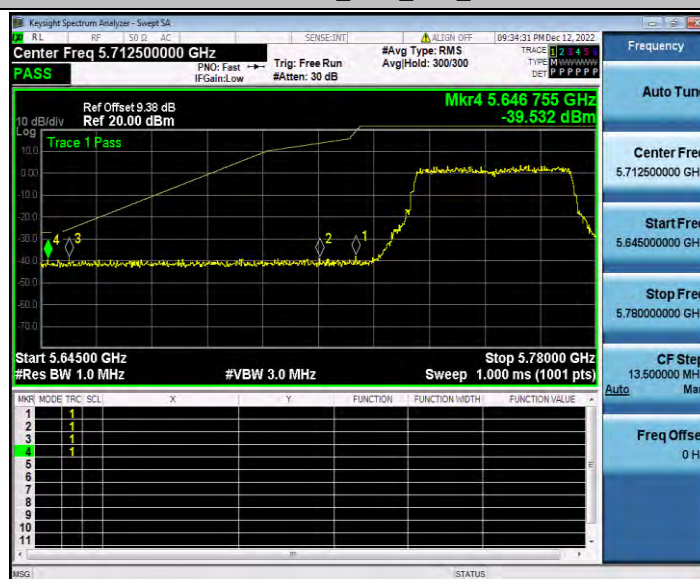
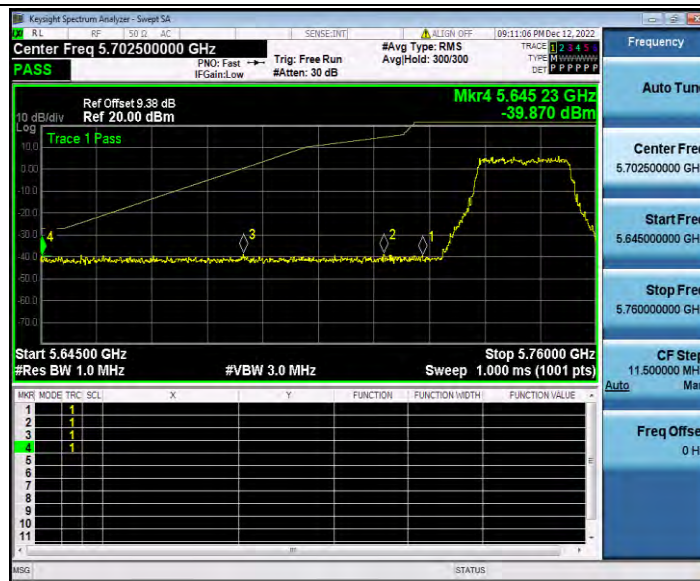
11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



11AX20SISO_Ant1_Low_5745



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	5434.94	-41.59	≤-27	PASS
			5925~40000	26019.31	-32.78	≤-27	PASS
		5785	30~5650	5458.73	-40.25	≤-27	PASS
			5925~40000	24288.35	-32.1	≤-27	PASS
		5825	30~5650	5498.07	-41.23	≤-27	PASS
			5925~40000	26881.98	-32.31	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5504.25	-40.98	≤-27	PASS
			5925~40000	24833.49	-32.57	≤-27	PASS
		5785	30~5650	4955.93	-40.85	≤-27	PASS
			5925~40000	26475.94	-32.21	≤-27	PASS
		5825	30~5650	5452.36	-40.57	≤-27	PASS
			5925~40000	26008.07	-31.91	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5462.29	-40.86	≤-27	PASS
			5925~40000	24395.13	-31.54	≤-27	PASS
		5795	30~5650	1746.54	-38.38	≤-27	PASS
			5925~40000	24806.09	-32.21	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5490.39	-41.19	≤-27	PASS
			5925~40000	23583.04	-32.52	≤-27	PASS
		5785	30~5650	1747.28	-39.05	≤-27	PASS
			5925~40000	23519.11	-32.18	≤-27	PASS
		5825	30~5650	5482.52	-39.24	≤-27	PASS
			5925~40000	24304.51	-32.65	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5458.73	-41.37	≤-27	PASS
			5925~40000	23547.21	-32.45	≤-27	PASS
		5795	30~5650	4653.95	-40.68	≤-27	PASS
			5925~40000	23534.57	-31.83	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5639.32	-38.75	≤-27	PASS
			5925~40000	24339.63	-32.29	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5424.83	-41.15	≤-27	PASS
			5925~40000	24219.51	-33.12	≤-27	PASS
		5785	30~5650	5429.32	-40.86	≤-27	PASS
			5925~40000	24260.95	-31.28	≤-27	PASS
		5825	30~5650	4939.26	-40.5	≤-27	PASS
			5925~40000	24260.25	-32.31	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5529.36	-40.34	≤-27	PASS
			5925~40000	23639.24	-32.28	≤-27	PASS

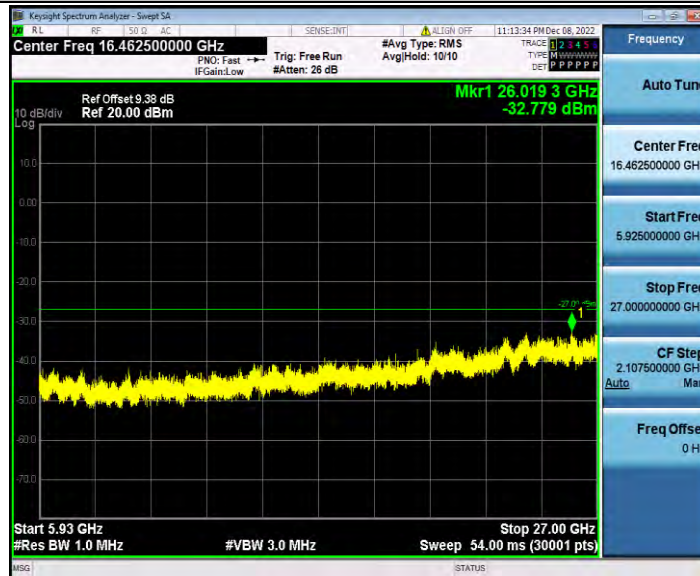
		5795	30~5650	5362.07	-40.05	≤-27	PASS
			5925~40000	24275	-32.25	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5418.08	-40.9	≤-27	PASS
			5925~40000	26593.25	-32.02	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



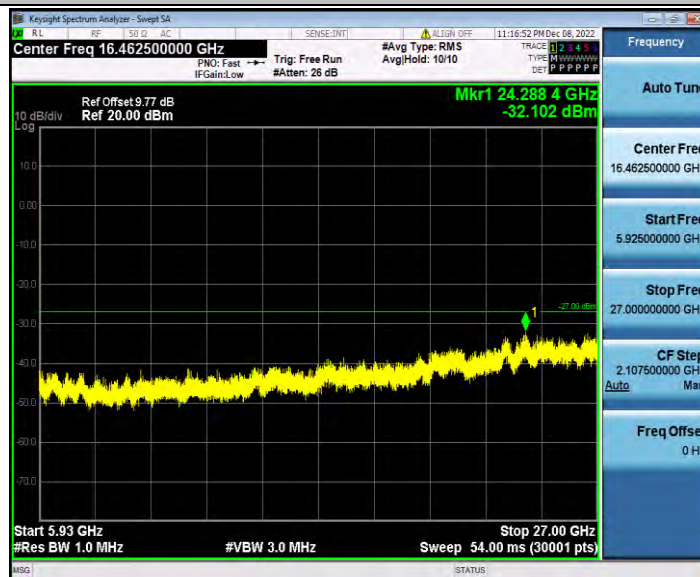
11A_Ant1_5745_5925~40000



11A_Ant1_5785_30~5650



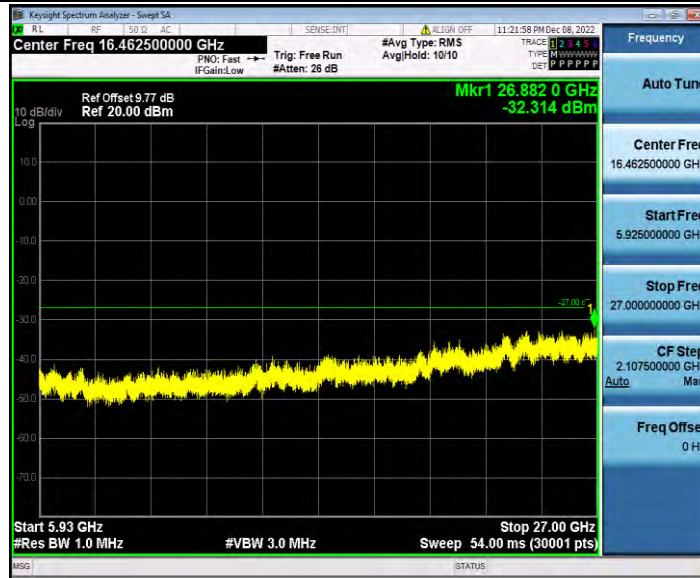
11A_Ant1_5785_5925~40000



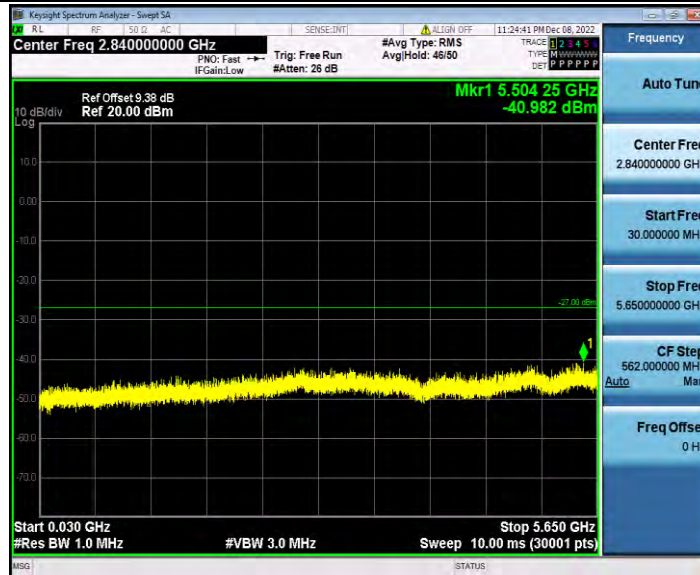
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



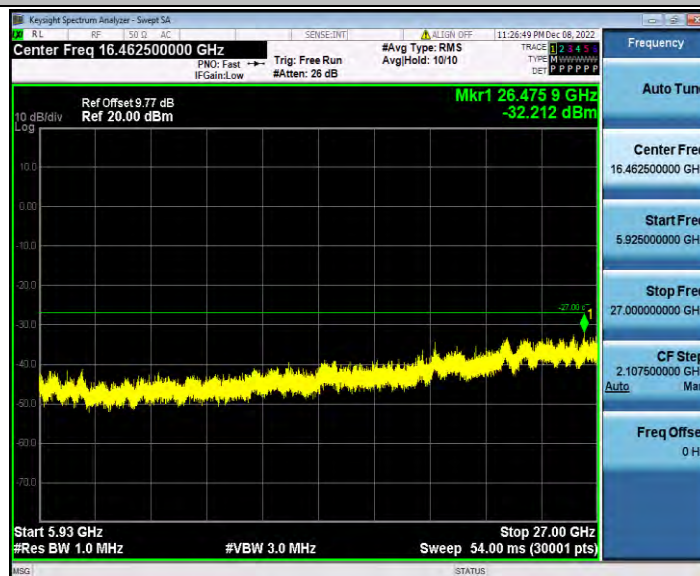
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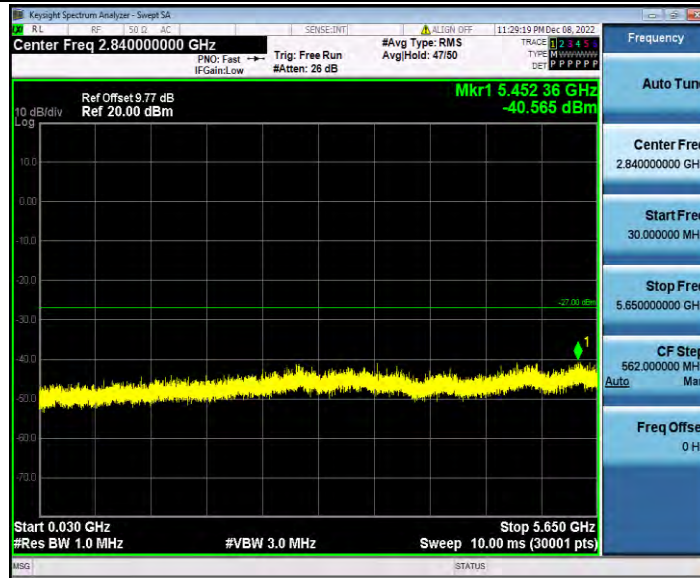
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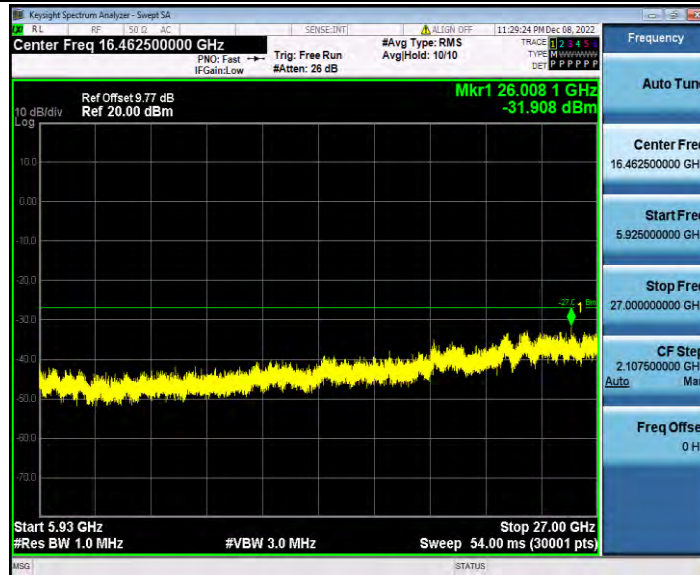
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11N20SISO_Ant1_5825_30~5650



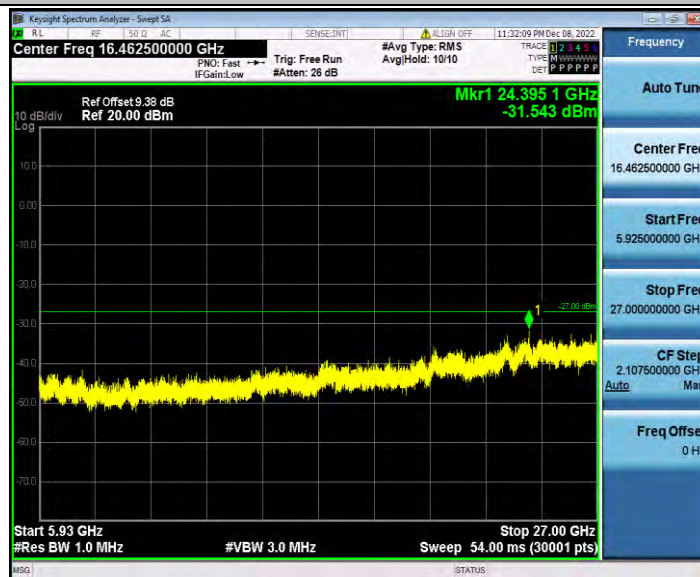
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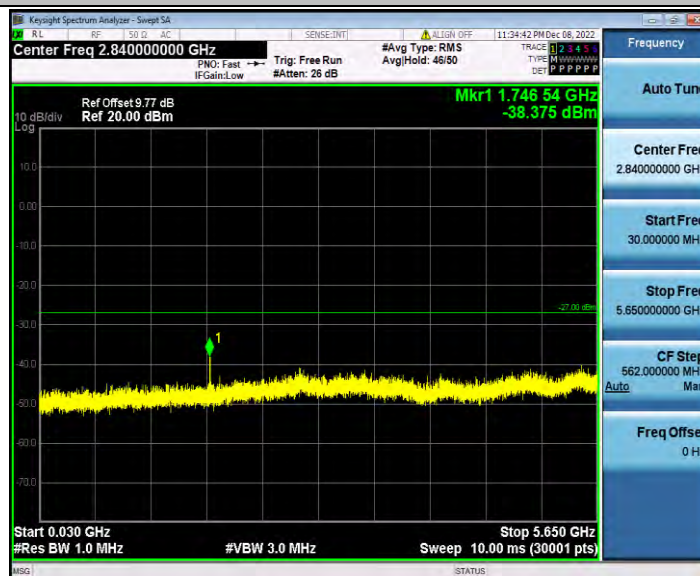
11N40SISO_Ant1_5755_30~5650



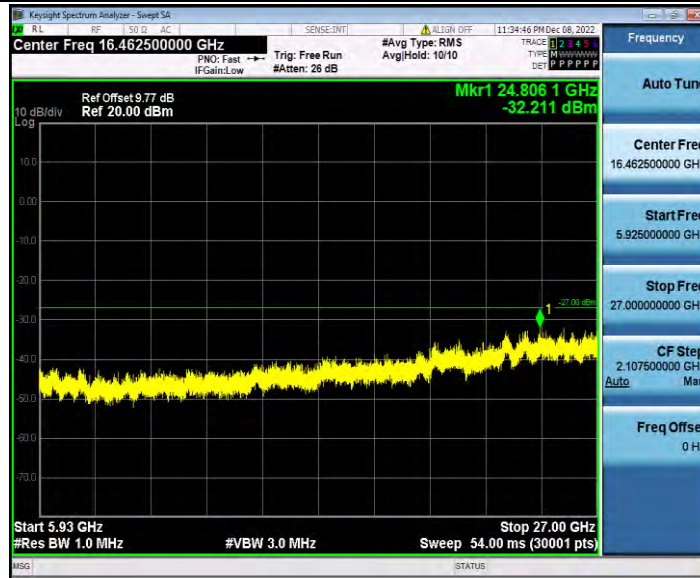
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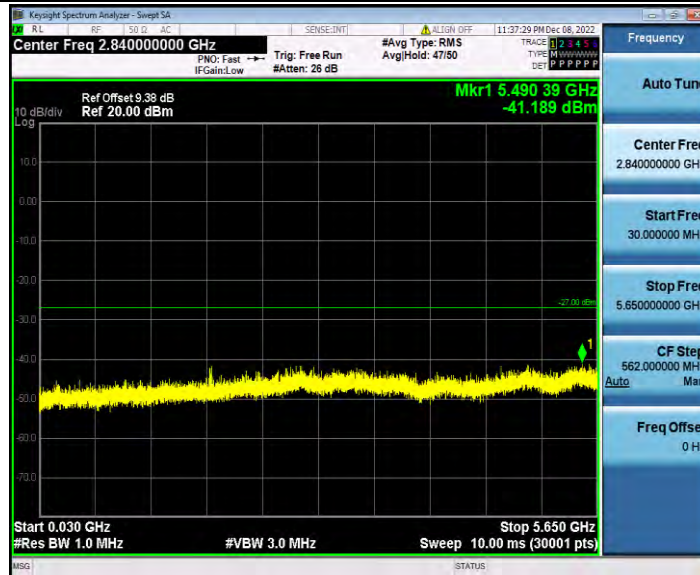
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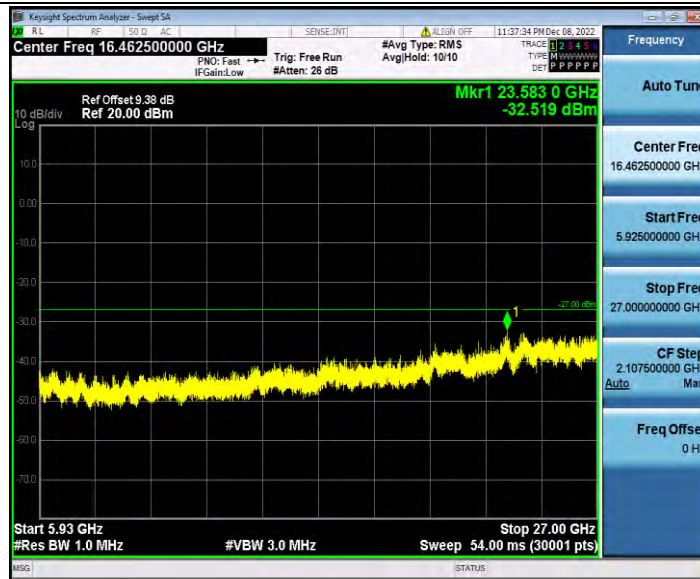
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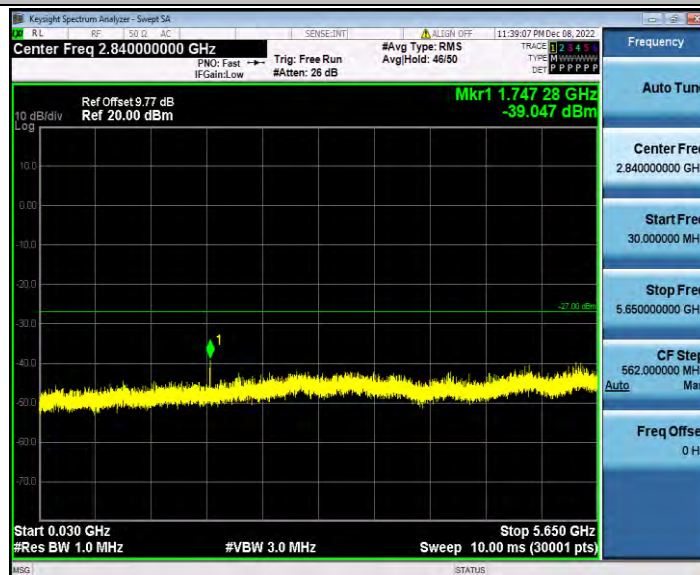
11AC20SISO_Ant1_5745_30~5650



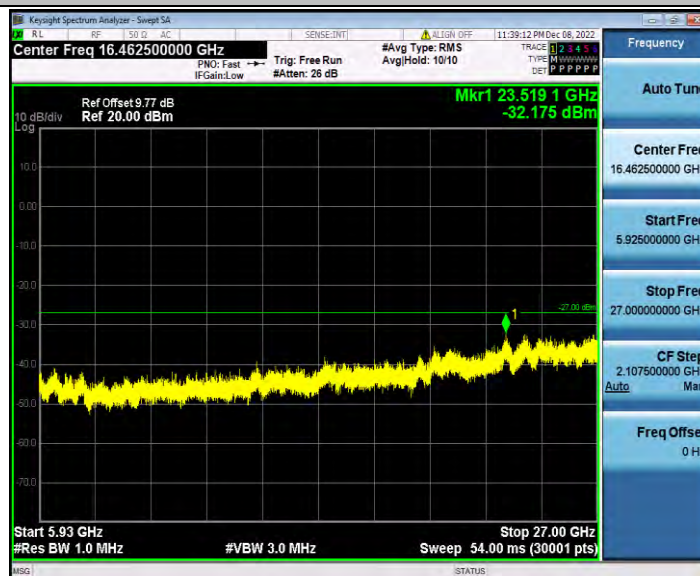
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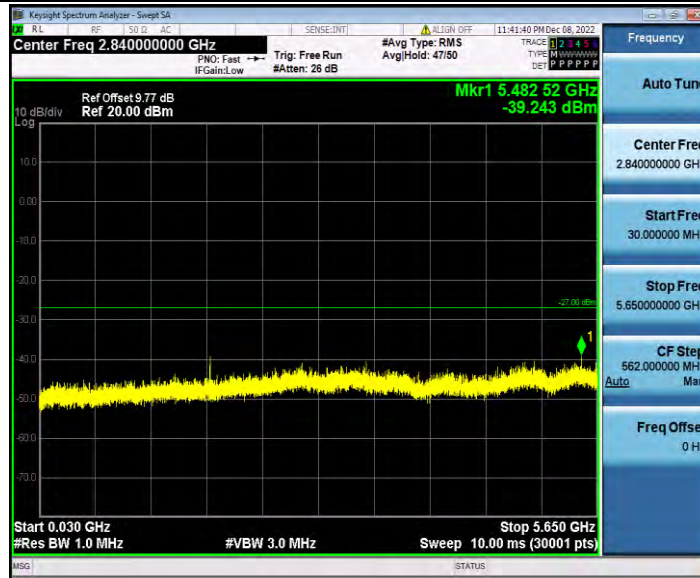
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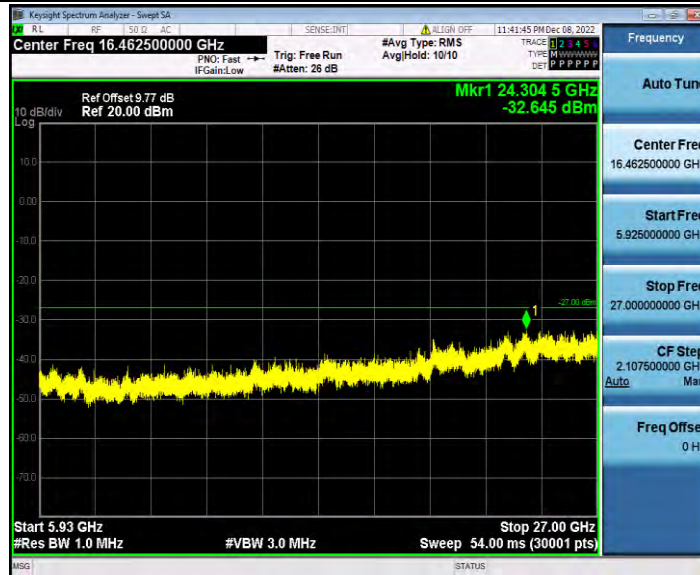
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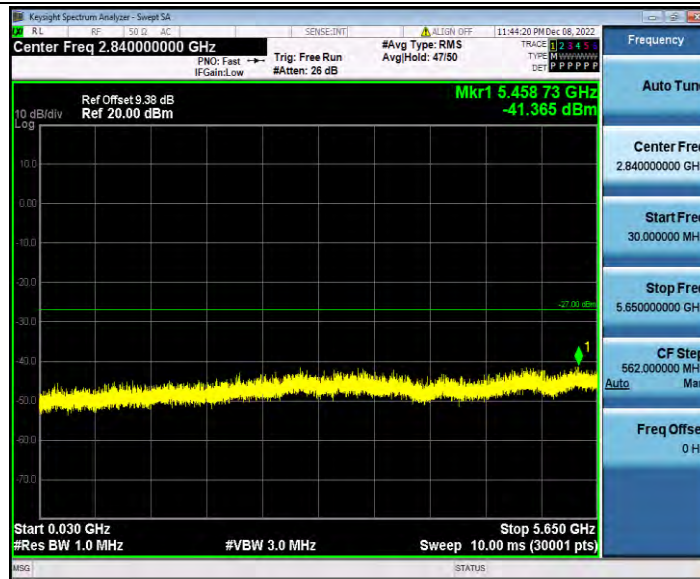
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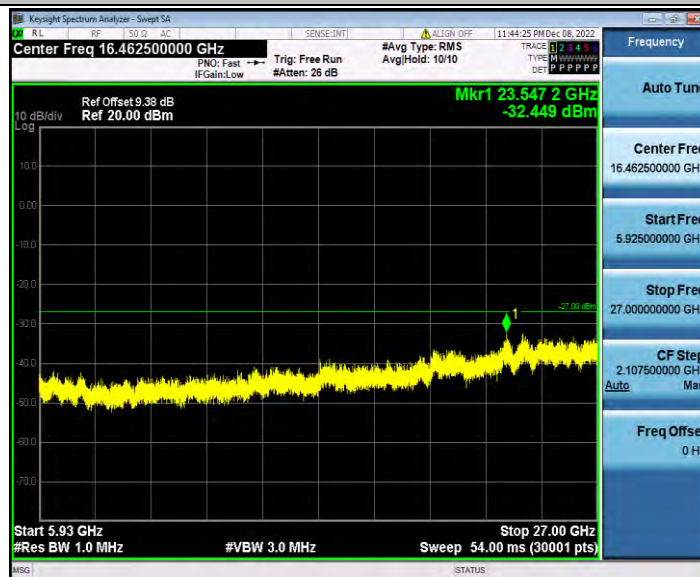
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11AC40SISO_Ant1_5755_30~5650



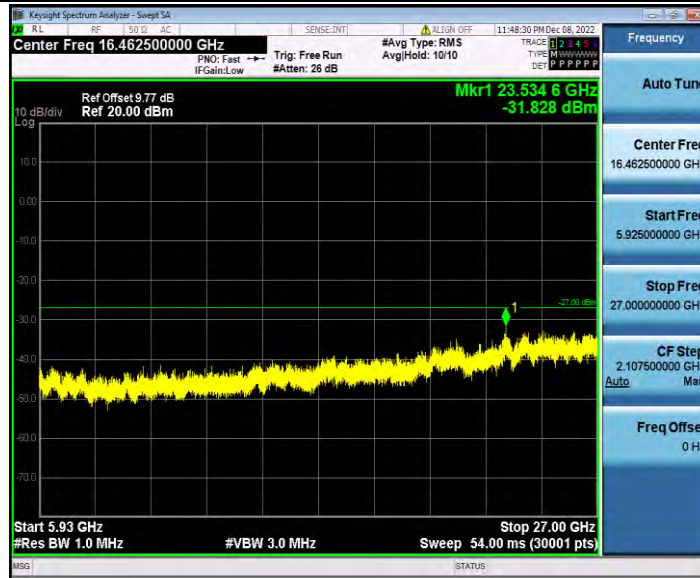
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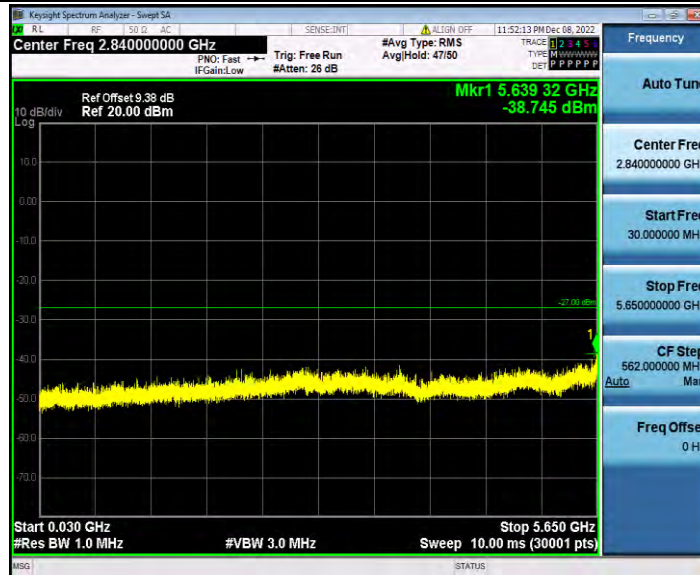
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



11AC80SISO_Ant1_5775_30~5650



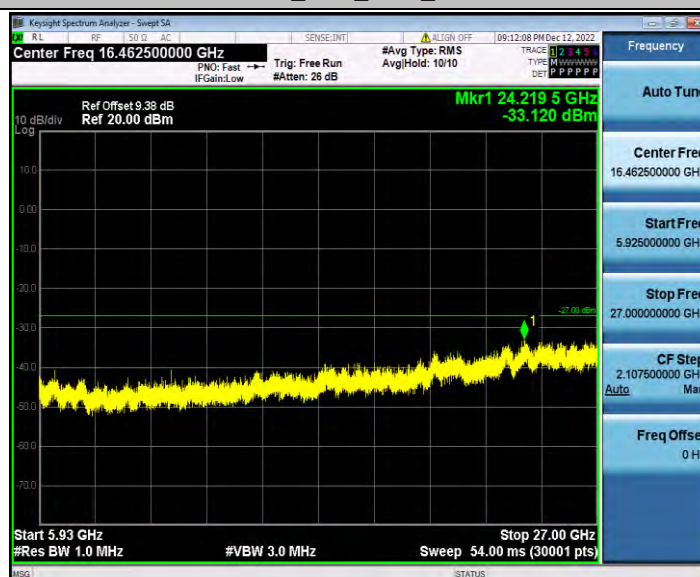
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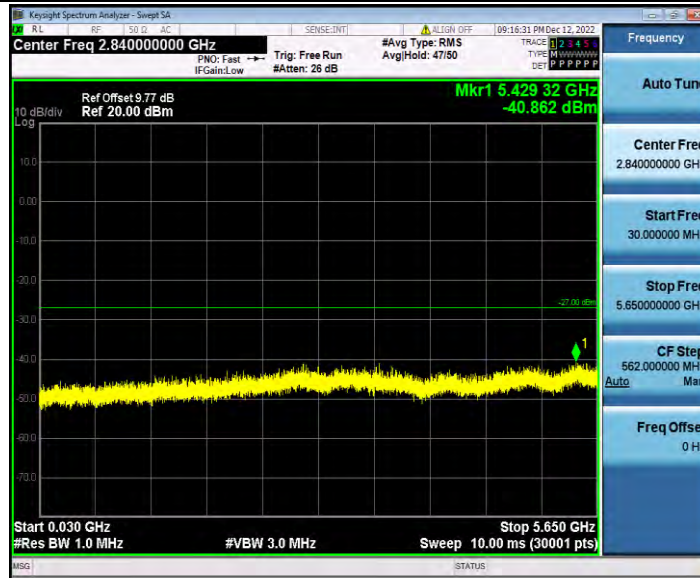
11AX20SISO_Ant1_5745_30~5650



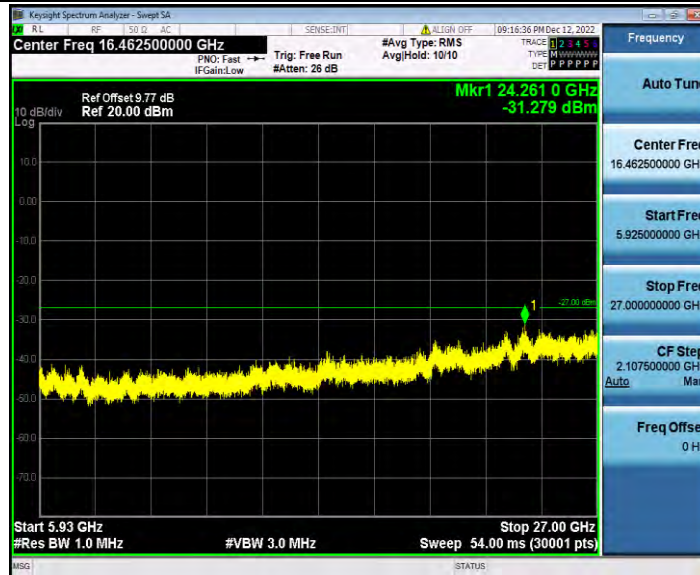
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11AX20SISO_Ant1_5785_30~5650



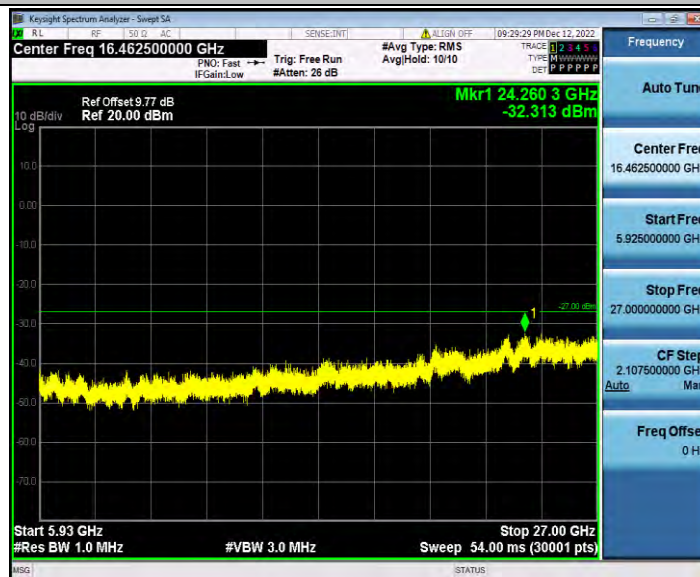
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11AX20SISO_Ant1_5825_30~5650



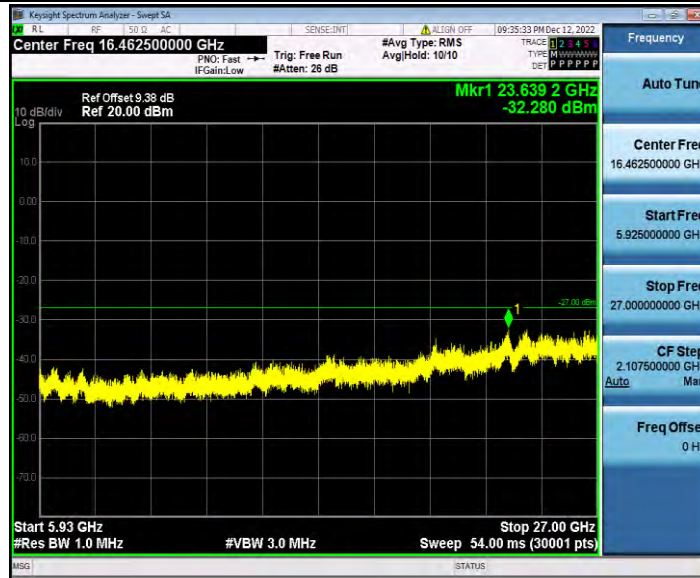
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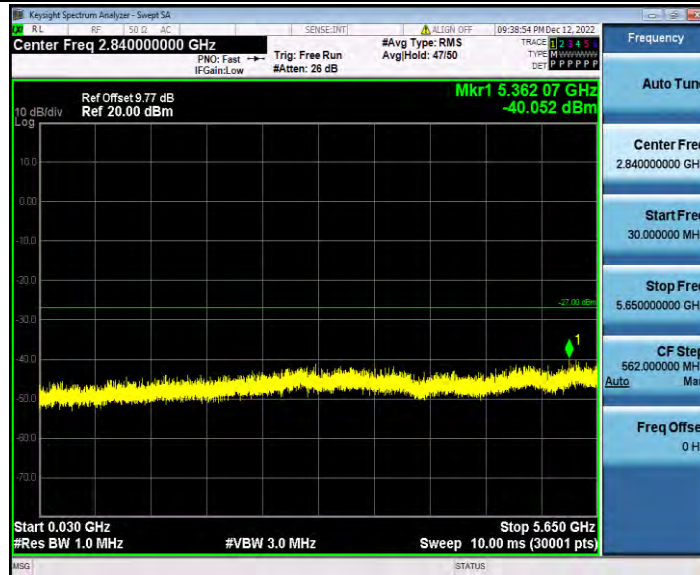
11AX40SISO_Ant1_5755_30~5650



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

