

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	11.82	100.00	0.00	11.82	≤30.00	PASS
		5785	12.46	100.00	0.00	12.46	≤30.00	PASS
		5825	11.92	100.00	0.00	11.92	≤30.00	PASS
11N20SISO	Ant1	5745	11.78	100.00	0.00	11.78	≤30.00	PASS
		5785	12.41	100.00	0.00	12.41	≤30.00	PASS
		5825	11.97	100.00	0.00	11.97	≤30.00	PASS
11N40SISO	Ant1	5755	11.86	100.00	0.00	11.86	≤30.00	PASS
		5795	12.27	100.00	0.00	12.27	≤30.00	PASS
11AC20SISO	Ant1	5745	11.84	100.00	0.00	11.84	≤30.00	PASS
		5785	12.41	100.00	0.00	12.41	≤30.00	PASS
		5825	11.98	100.00	0.00	11.98	≤30.00	PASS
11AC40SISO	Ant1	5755	11.94	100.00	0.00	11.94	≤30.00	PASS
		5795	12.30	100.00	0.00	12.30	≤30.00	PASS
11AC80SISO	Ant1	5775	11.53	100.00	0.00	11.53	≤30.00	PASS
11AX20SISO	Ant1	5745	11.87	100.00	0.00	11.87	≤30.00	PASS
		5785	12.32	100.00	0.00	12.32	≤30.00	PASS
		5825	11.93	100.00	0.00	11.93	≤30.00	PASS
11AX40SISO	Ant1	5755	11.79	100.00	0.00	11.79	≤30.00	PASS
		5795	12.36	100.00	0.00	12.36	≤30.00	PASS
11AX80SISO	Ant1	5775	11.59	100.00	0.00	11.59	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

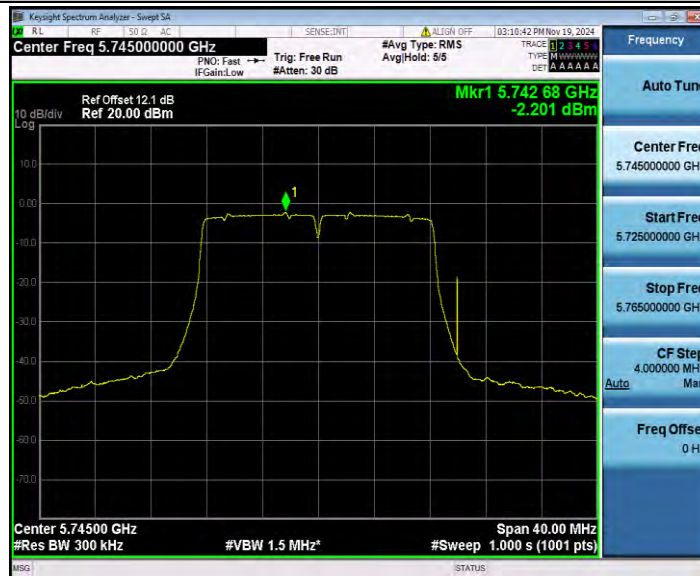
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.20	≤30.00	PASS
		5785	-1.76	≤30.00	PASS
		5825	-2.11	≤30.00	PASS
11N20SISO	Ant1	5745	-2.12	≤30.00	PASS
		5785	-1.62	≤30.00	PASS
		5825	-2.05	≤30.00	PASS
11N40SISO	Ant1	5755	-5.26	≤30.00	PASS
		5795	-4.79	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.01	≤30.00	PASS
		5785	-1.71	≤30.00	PASS
		5825	-1.99	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.28	≤30.00	PASS
		5795	-4.70	≤30.00	PASS
11AC80SISO	Ant1	5775	-8.23	≤30.00	PASS
11AX20SISO	Ant1	5745	-3.31	≤30.00	PASS
		5785	-2.75	≤30.00	PASS
		5825	-3.18	≤30.00	PASS
11AX40SISO	Ant1	5755	-6.29	≤30.00	PASS
		5795	-5.59	≤30.00	PASS
11AX80SISO	Ant1	5775	-8.96	≤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

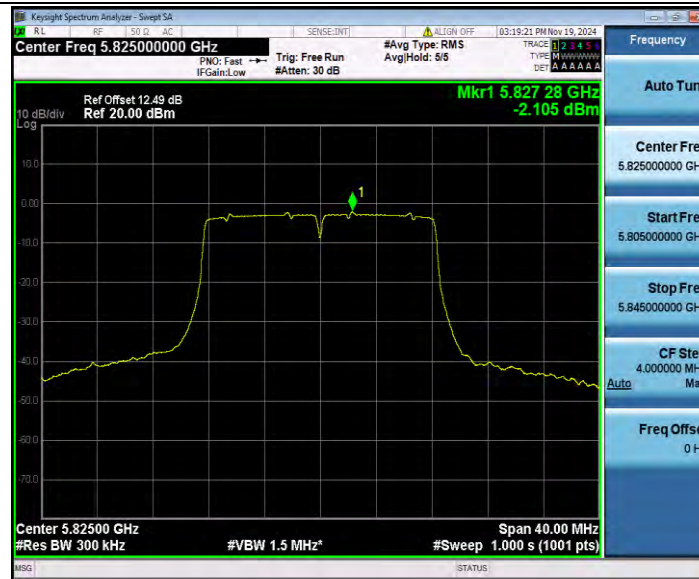
11A_Ant1_5745



11A_Ant1_5785



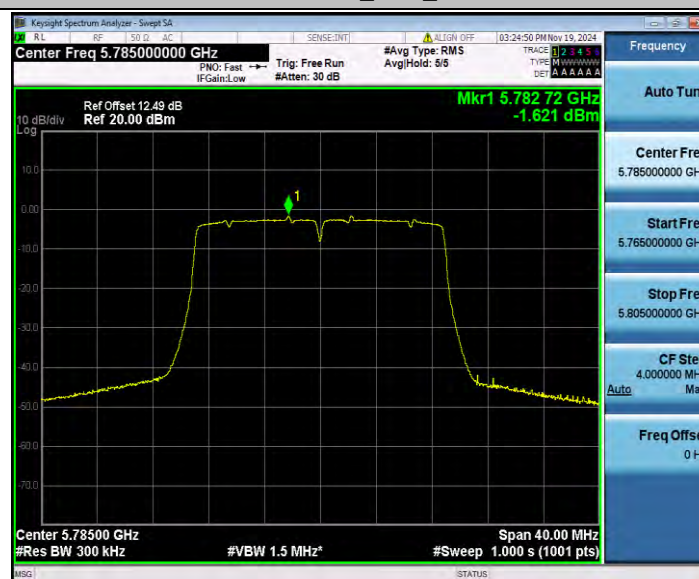
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



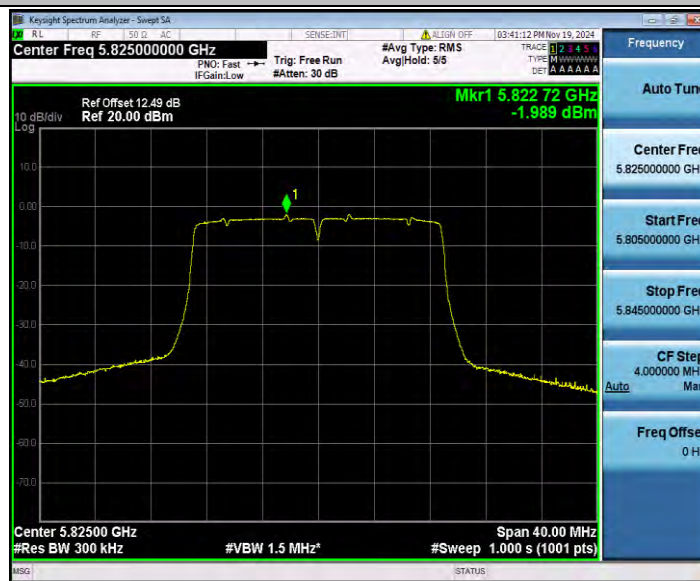
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



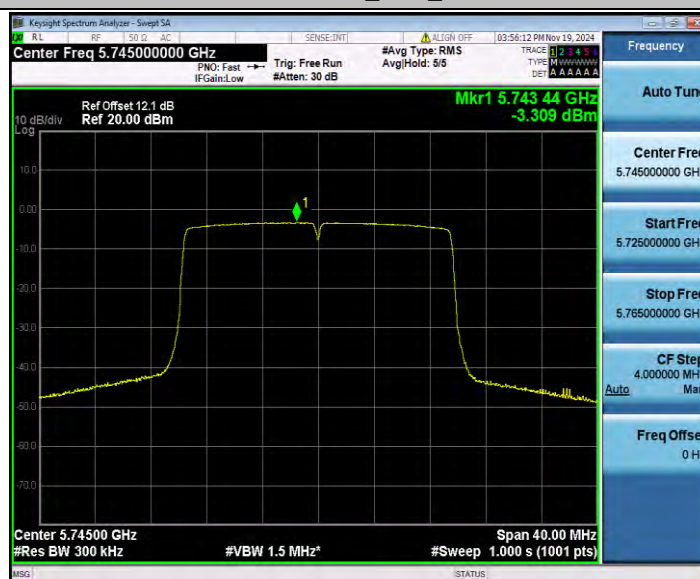
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



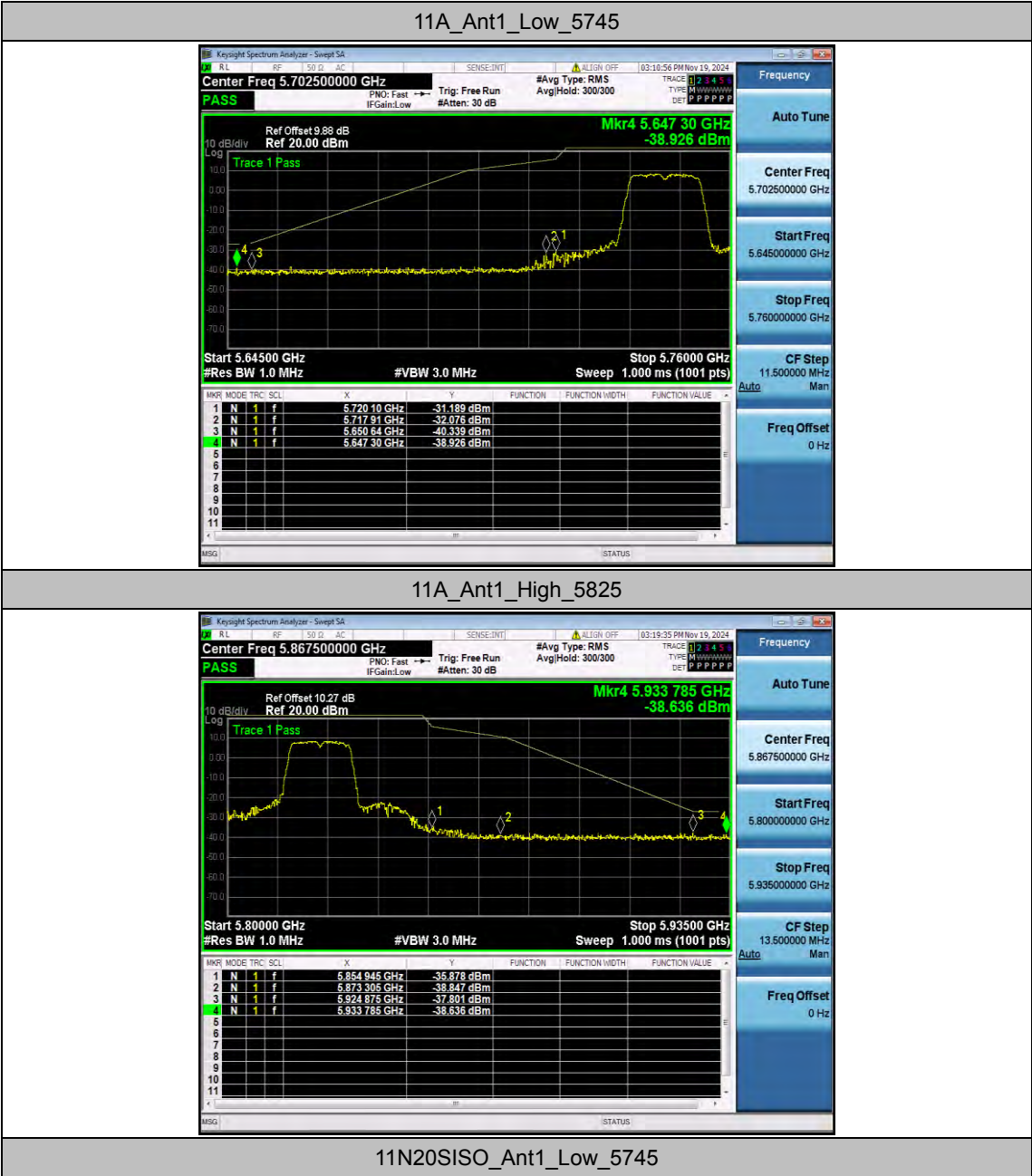
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.34	≤-26.53	PASS
				5700~5720	-32.08	≤15.01	PASS
				5720~5725	-31.19	≤15.82	PASS
				5760~5650	-38.93	≤-27	PASS
		High	5825	5850~5855	-35.88	≤15.73	PASS
				5855~5875	-38.85	≤10.47	PASS
				5875~5925	-37.8	≤-26.91	PASS
				5925~5935	-38.64	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.97	≤-26.96	PASS
				5700~5720	-34.45	≤13.05	PASS
				5720~5725	-36.24	≤17.39	PASS
				5760~5650	-39.45	≤-27	PASS
		High	5825	5850~5855	-23.29	≤22.50	PASS
				5855~5875	-30.07	≤13.05	PASS
				5875~5925	-38.74	≤-26.91	PASS
				5925~5935	-38.28	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-40.16	≤-26.80	PASS
				5700~5720	-35.83	≤10.48	PASS
				5720~5725	-33.08	≤16.35	PASS
				5780~5650	-39.44	≤-27	PASS
		High	5795	5850~5855	-30.81	≤22.05	PASS
				5855~5875	-38.75	≤10.06	PASS
				5875~5925	-39.58	≤-26.83	PASS
				5925~5935	-38	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.8	≤-26.62	PASS
				5700~5720	-38.41	≤10.70	PASS
				5720~5725	-31.4	≤22.11	PASS
				5760~5650	-39.82	≤-27	PASS
		High	5825	5850~5855	-24.86	≤18.50	PASS
				5855~5875	-31.11	≤15.16	PASS
				5875~5925	-38.98	≤-26.91	PASS
				5925~5935	-38.71	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.44	≤-26.40	PASS
				5700~5720	-34.92	≤10.93	PASS
				5720~5725	-28.24	≤19.12	PASS
				5780~5650	-39.61	≤-27	PASS

		High	5795	5850~5855	-33.71	≤ 16.41	PASS
				5855~5875	-38	≤ 10.34	PASS
				5875~5925	-38.22	≤ -26.95	PASS
				5925~5935	-38.64	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-35.5	≤ -26.11	PASS
				5700~5720	-36.32	≤ 11.05	PASS
				5720~5725	-36.46	≤ 16.71	PASS
				5800~5650	-35.19	≤ -27	PASS
		High	5775	5850~5855	-35.43	≤ 16.68	PASS
				5855~5875	-32.8	≤ 10.55	PASS
				5875~5925	-39.45	≤ -25.78	PASS
				5925~5935	-38.7	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.18	≤ -26.45	PASS
				5700~5720	-30.73	≤ 13.82	PASS
				5720~5725	-35.66	≤ 16.08	PASS
				5760~5650	-39.86	≤ -27	PASS
		High	5825	5850~5855	-27.85	≤ 17.57	PASS
				5855~5875	-25.09	≤ 15.01	PASS
				5875~5925	-39.32	≤ -26.81	PASS
				5925~5935	-37.86	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-40.41	≤ -26.70	PASS
				5700~5720	-33.23	≤ 11.57	PASS
				5720~5725	-37.94	≤ 15.74	PASS
				5780~5650	-39.47	≤ -27	PASS
		High	5795	5850~5855	-33.19	≤ 16.41	PASS
				5855~5875	-32.77	≤ 14.82	PASS
				5875~5925	-38.54	≤ -26.34	PASS
				5925~5935	-38.7	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-38.32	≤ -26.91	PASS
				5700~5720	-35.44	≤ 10.44	PASS
				5720~5725	-37.03	≤ 16.00	PASS
				5800~5650	-37.81	≤ -27	PASS
		High	5775	5850~5855	-37.21	≤ 15.84	PASS
				5855~5875	-33.54	≤ 10.40	PASS
				5875~5925	-39.38	≤ -26.87	PASS
				5925~5935	-38.83	≤ -27	PASS

Test Graphs B4





11N20SISO_Ant1_High_5825



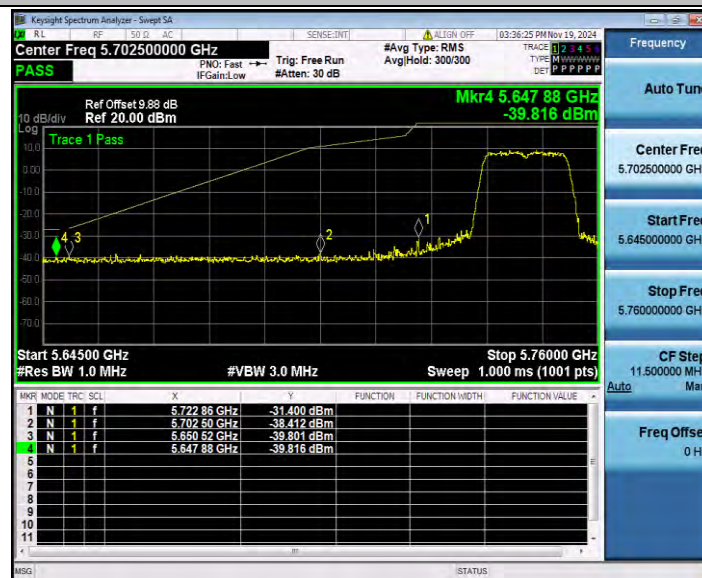
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



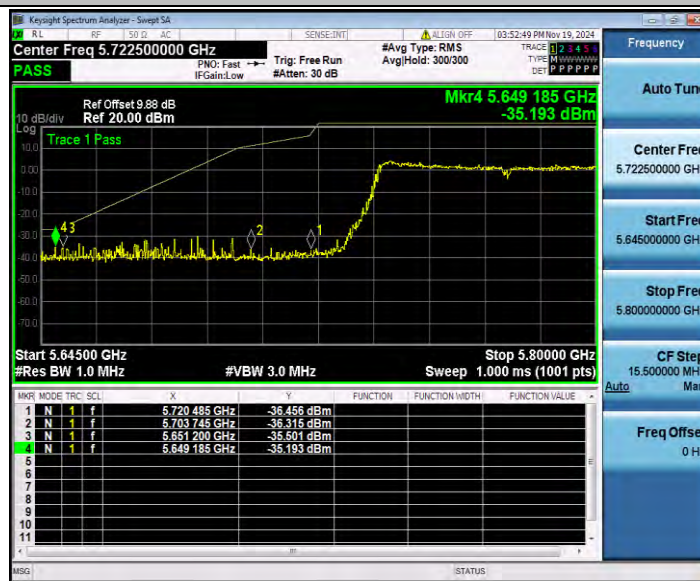
11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



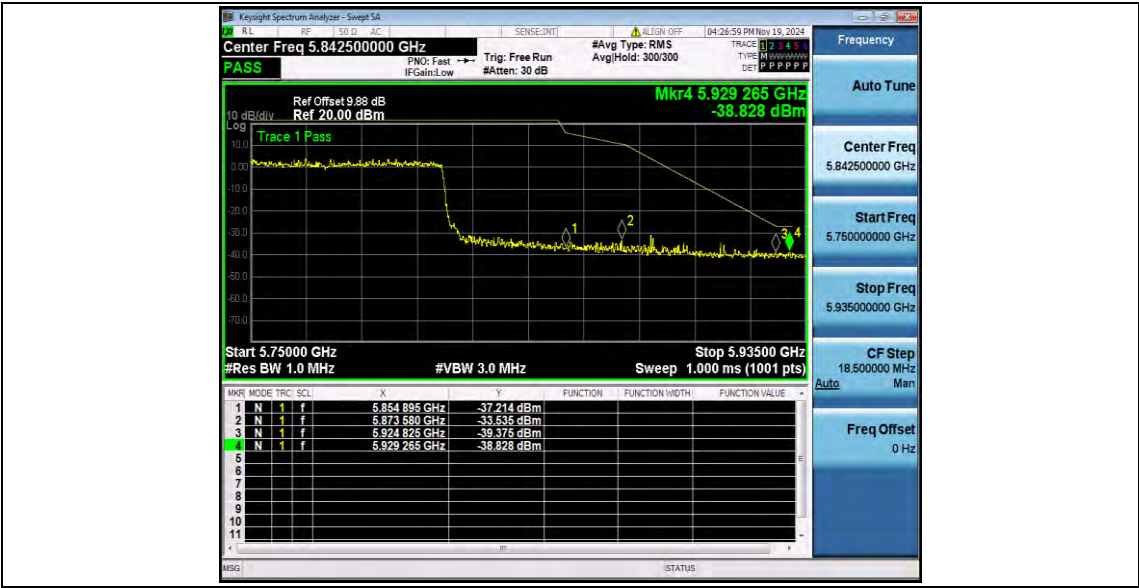
11AX40SISO_Ant1_High_5795



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	5450.68	-40.06	≤-27	PASS
			5925~27000	26804.71	-32.67	≤-27	PASS
		5785	30~5650	2655.85	-39.81	≤-27	PASS
			5925~27000	23468.53	-30.83	≤-27	PASS
		5825	30~5650	3317.14	-39.53	≤-27	PASS
			5925~27000	26931.16	-31.53	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5489.08	-40.17	≤-27	PASS
			5925~27000	25587.98	-31.87	≤-27	PASS
		5785	30~5650	5546.59	-39.45	≤-27	PASS
			5925~27000	26485.07	-31.63	≤-27	PASS
		5825	30~5650	4991.71	-39.71	≤-27	PASS
			5925~27000	23632.22	-31.68	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5463.79	-40.44	≤-27	PASS
			5925~27000	25681.41	-32.65	≤-27	PASS
		5795	30~5650	2646.3	-40.2	≤-27	PASS
			5925~27000	25533.18	-32.22	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2618.01	-39.41	≤-27	PASS
			5925~27000	26056.54	-32.12	≤-27	PASS
		5785	30~5650	5421.83	-39.34	≤-27	PASS
			5925~27000	24900.93	-31.34	≤-27	PASS
		5825	30~5650	5560.27	-39.44	≤-27	PASS
			5925~27000	26061.46	-31.34	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	2656.41	-40.6	≤-27	PASS
			5925~27000	26725.32	-32.5	≤-27	PASS
		5795	30~5650	5464.73	-39.45	≤-27	PASS
			5925~27000	26481.56	-31.75	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	2687.14	-39.98	≤-27	PASS
			5925~27000	24775.18	-30.93	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5465.48	-39.18	≤-27	PASS
			5925~27000	24274.3	-31.99	≤-27	PASS
		5785	30~5650	5486.46	-40	≤-27	PASS
			5925~27000	25734.1	-31.78	≤-27	PASS
		5825	30~5650	4767.47	-39.78	≤-27	PASS
			5925~27000	24273.6	-31.81	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5358.32	-39.85	≤-27	PASS
			5925~27000	23534.57	-32.18	≤-27	PASS

		5795	30~5650	5424.45	-39.84	≤ -27	PASS
			5925~27000	23575.31	-31.39	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	4973.73	-40.22	≤ -27	PASS
			5925~27000	24811.01	-31.55	≤ -27	PASS

Test Graphs

11A_Ant1_5745_30~5650



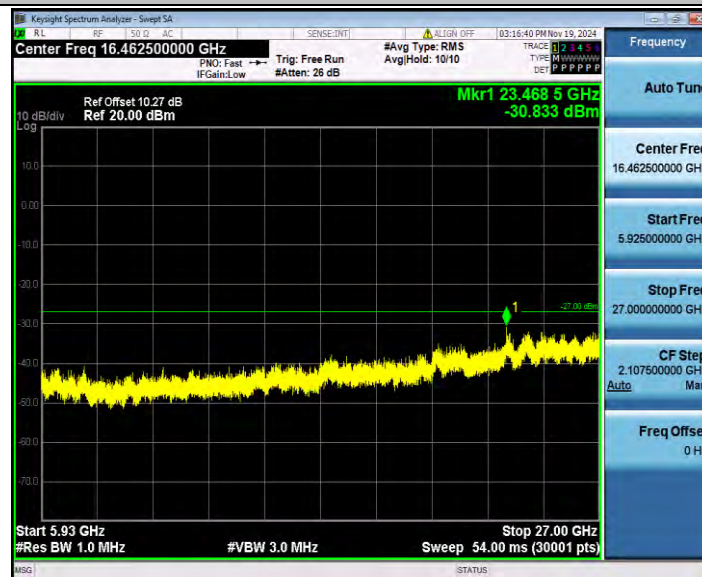
11A_Ant1_5745_5925~27000



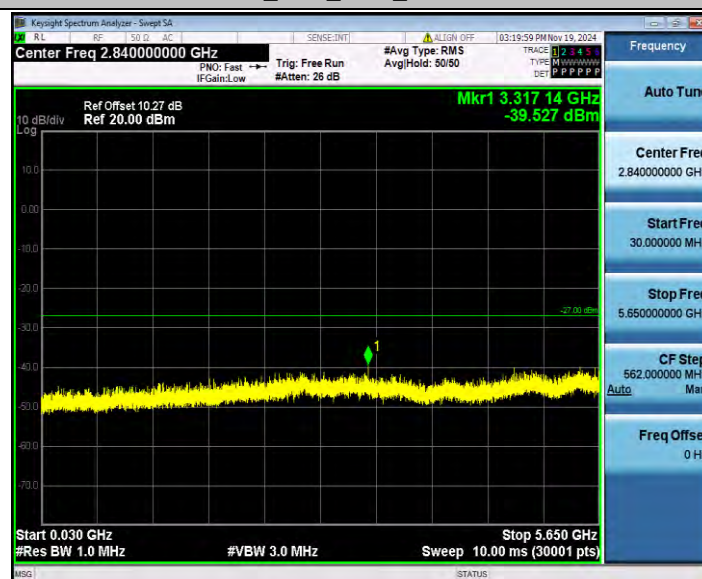
11A_Ant1_5785_30~5650



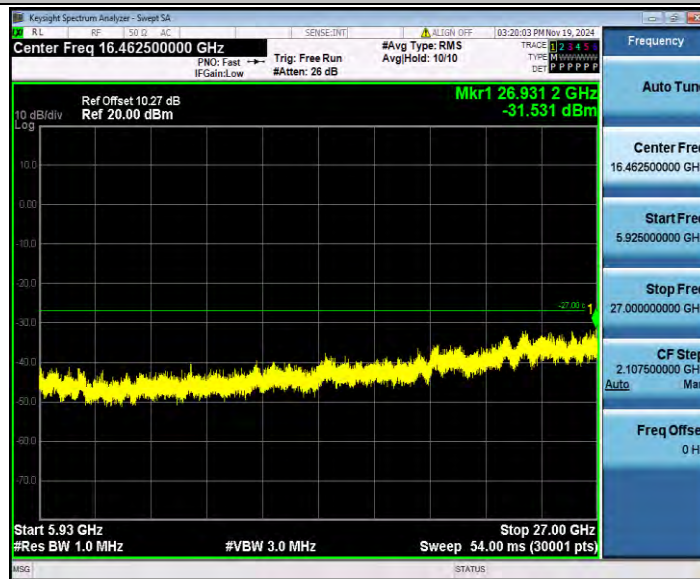
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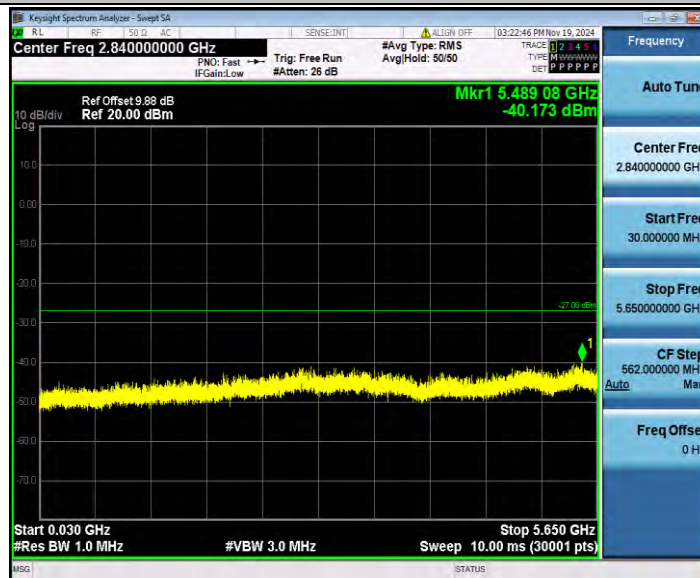
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



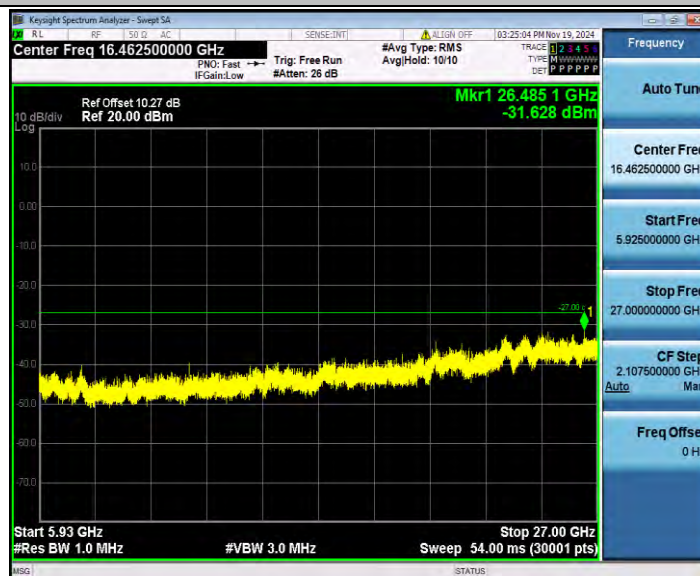
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



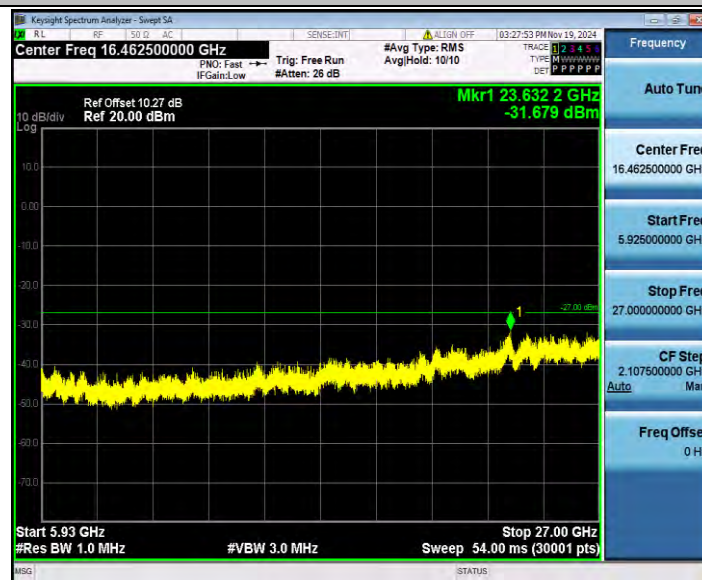
11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



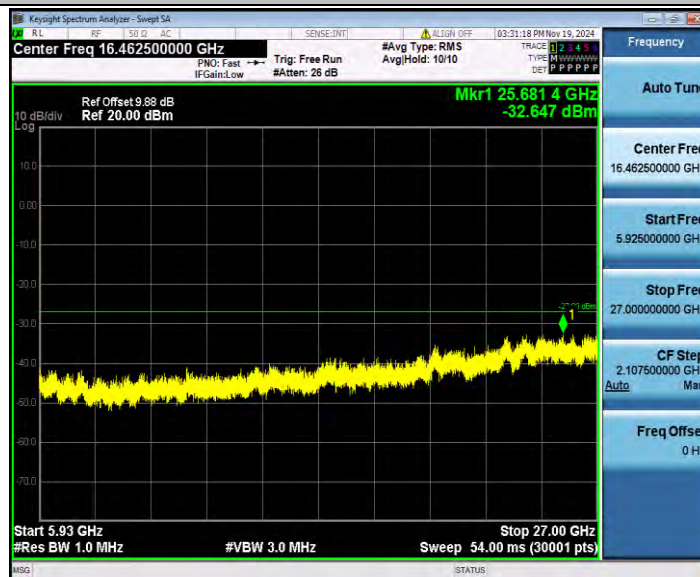
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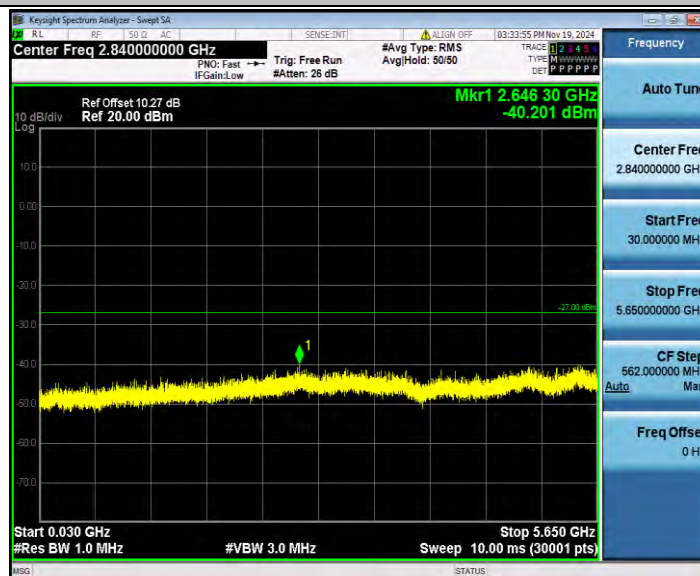
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11N40SISO_Ant1_5755_5925~27000



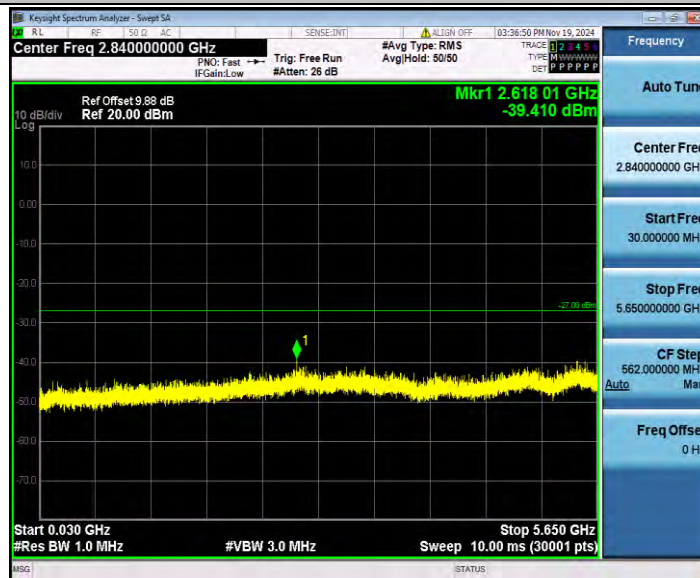
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



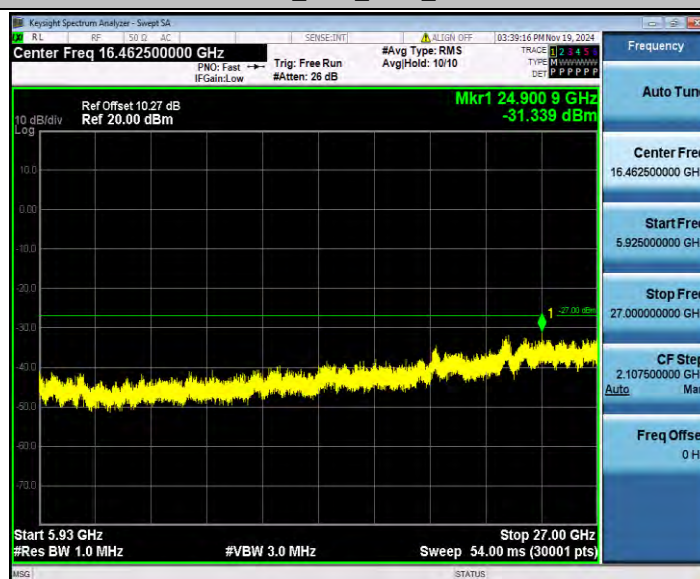
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11AC20SISO_Ant1_5785_30~5650



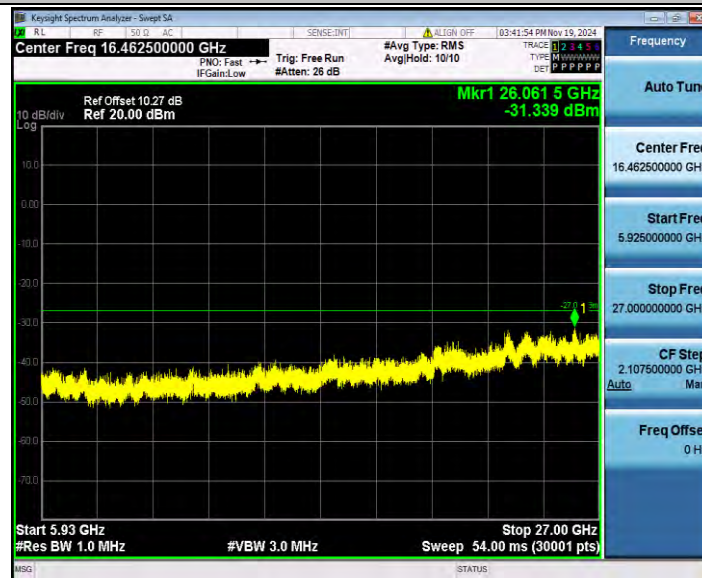
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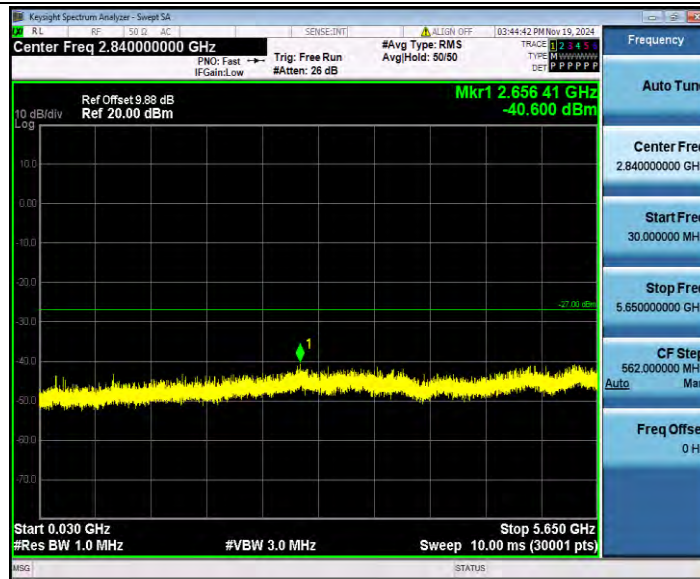
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11AC20SISO_Ant1_5825_5925~27000



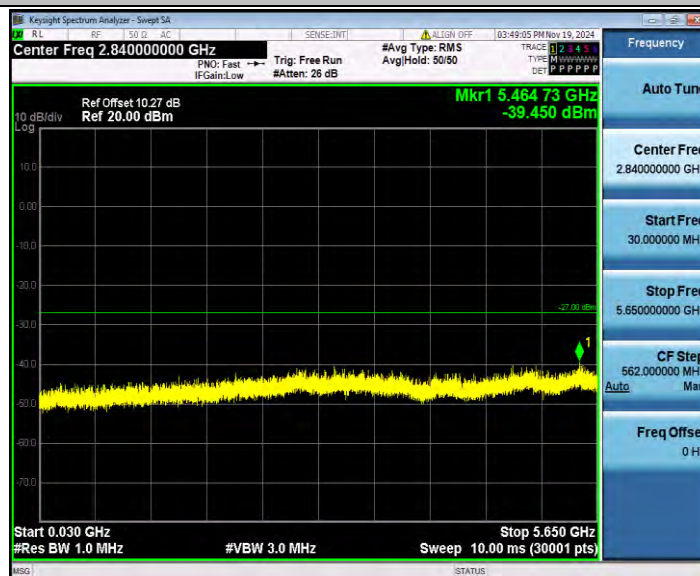
11AC40SISO_Ant1_5755_30~5650



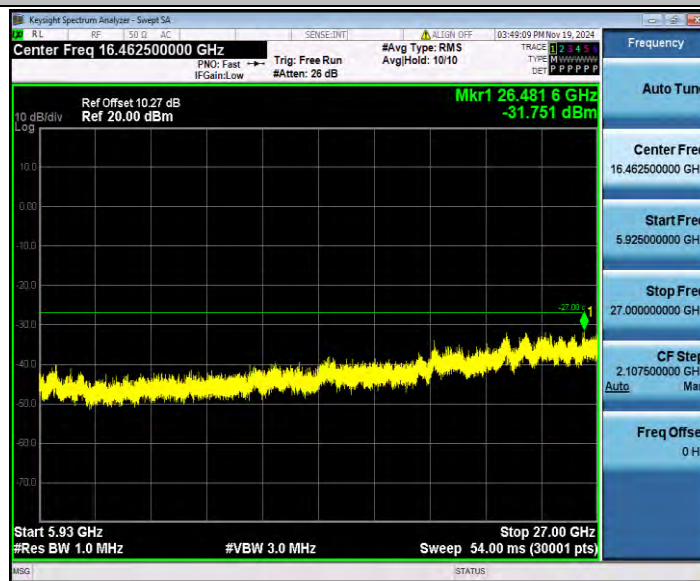
11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



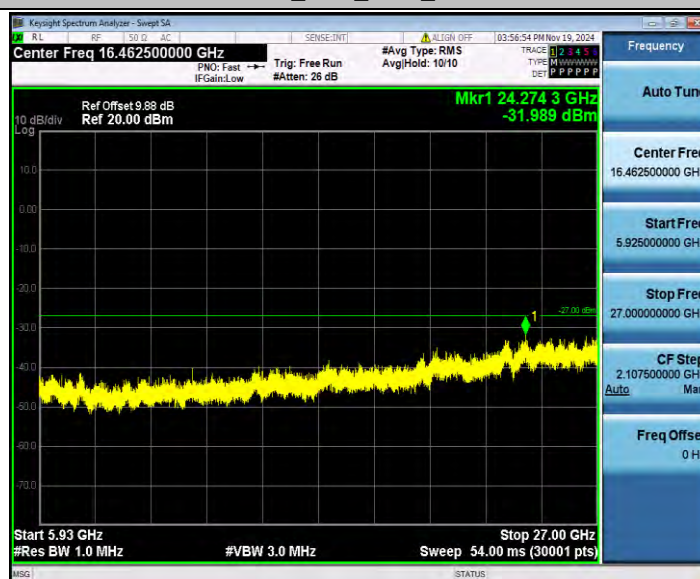
11AC80SISO_Ant1_5775_5925~27000



11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



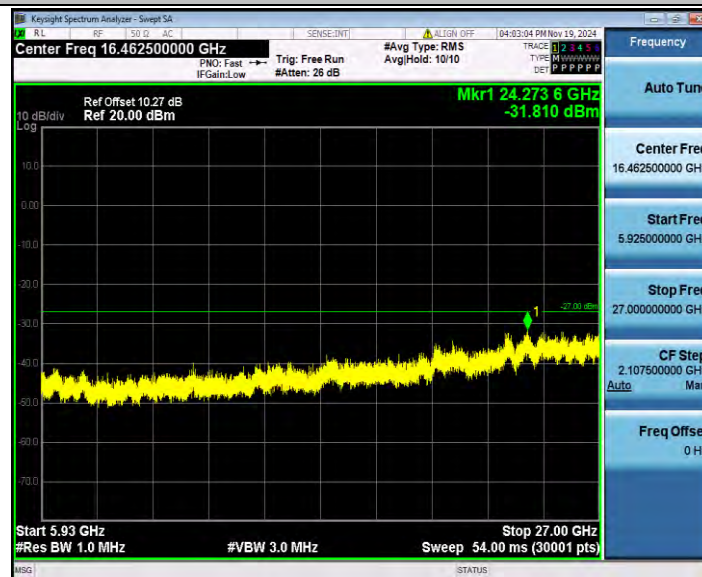
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11AX20SISO_Ant1_5825_30~5650



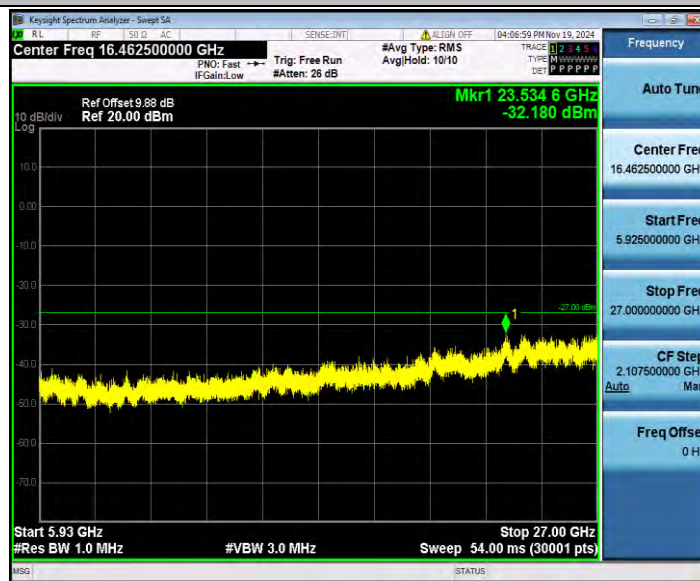
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11AX40SISO_Ant1_5755_30~5650



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

