

Appendix G.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	10.58	66.56	1.77	12.35	≤30.00	PASS
		5785	10.58	66.56	1.77	12.35	≤30.00	PASS
		5825	10.58	66.56	1.77	12.35	≤30.00	PASS
11N20SISO	Ant1	5745	10.72	64.95	1.87	12.59	≤30.00	PASS
		5785	10.38	64.95	1.87	12.25	≤30.00	PASS
		5825	10.62	64.73	1.89	12.51	≤30.00	PASS
11N40SISO	Ant1	5755	9.23	47.69	3.22	12.45	≤30.00	PASS
		5795	9.40	47.96	3.19	12.59	≤30.00	PASS
11AC20SISO	Ant1	5745	11.25	65.07	1.87	13.12	≤30.00	PASS
		5785	10.44	64.85	1.88	12.32	≤30.00	PASS
		5825	11.24	65.07	1.87	13.11	≤30.00	PASS
11AC40SISO	Ant1	5755	9.36	47.69	3.22	12.58	≤30.00	PASS
		5795	9.28	47.45	3.24	12.52	≤30.00	PASS
11AC80SISO	Ant1	5775	7.44	31.08	5.08	12.52	≤30.00	PASS
11AX20SISO	Ant1	5745	10.72	58.87	2.30	13.02	≤30.00	PASS
		5785	10.49	58.87	2.30	12.79	≤30.00	PASS
		5825	10.56	58.87	2.30	12.86	≤30.00	PASS
11AX40SISO	Ant1	5755	9.03	42.70	3.70	12.73	≤30.00	PASS
		5795	8.76	42.70	3.70	12.46	≤30.00	PASS
11AX80SISO	Ant1	5775	7.25	27.66	5.58	12.83	≤30.00	PASS

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-0.48	≤30.00	PASS
		5785	-0.67	≤30.00	PASS
		5825	-0.40	≤30.00	PASS
11N20SISO	Ant1	5745	-0.54	≤30.00	PASS
		5785	-0.64	≤30.00	PASS
		5825	-0.45	≤30.00	PASS
11N40SISO	Ant1	5755	-2.64	≤30.00	PASS
		5795	-2.44	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.47	≤30.00	PASS
		5785	-0.58	≤30.00	PASS
		5825	-0.18	≤30.00	PASS
11AC40SISO	Ant1	5755	-2.19	≤30.00	PASS
		5795	-2.31	≤30.00	PASS
11AC80SISO	Ant1	5775	-6.57	≤30.00	PASS
11AX20SISO	Ant1	5745	-0.29	≤30.00	PASS
		5785	-0.54	≤30.00	PASS
		5825	-0.18	≤30.00	PASS
11AX40SISO	Ant1	5755	-2.89	≤30.00	PASS
		5795	-2.69	≤30.00	PASS
11AX80SISO	Ant1	5775	-6.70	≤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

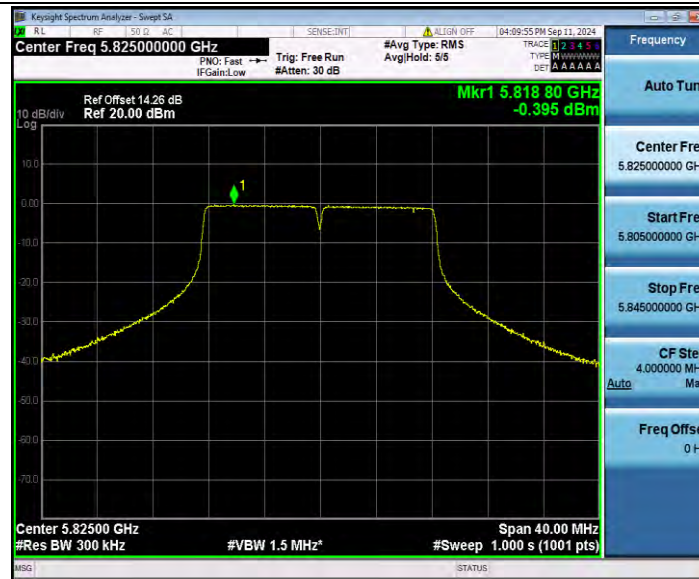
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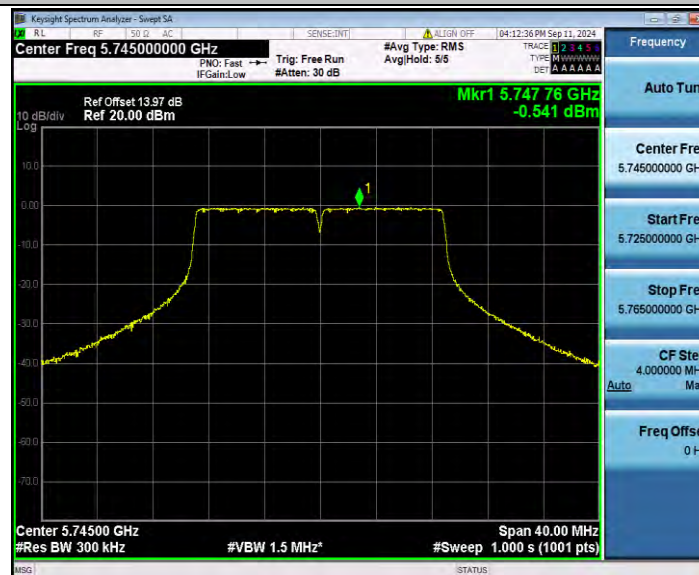
11A_Ant1_5785



11A_Ant1_5825



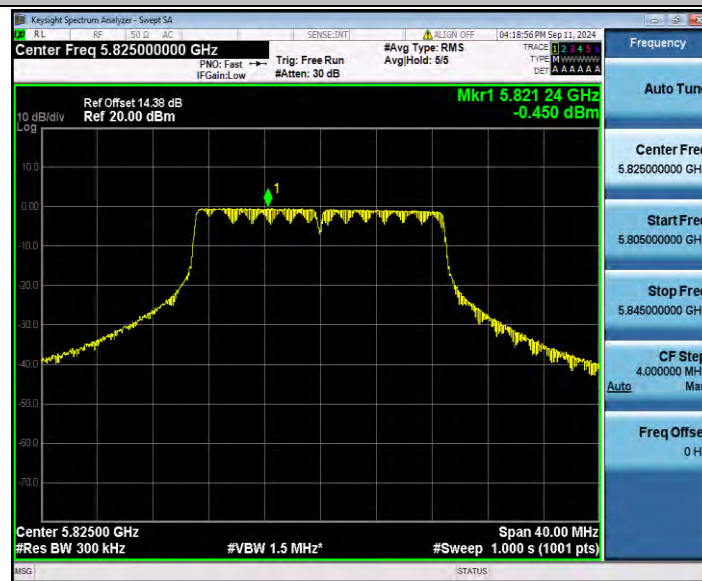
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



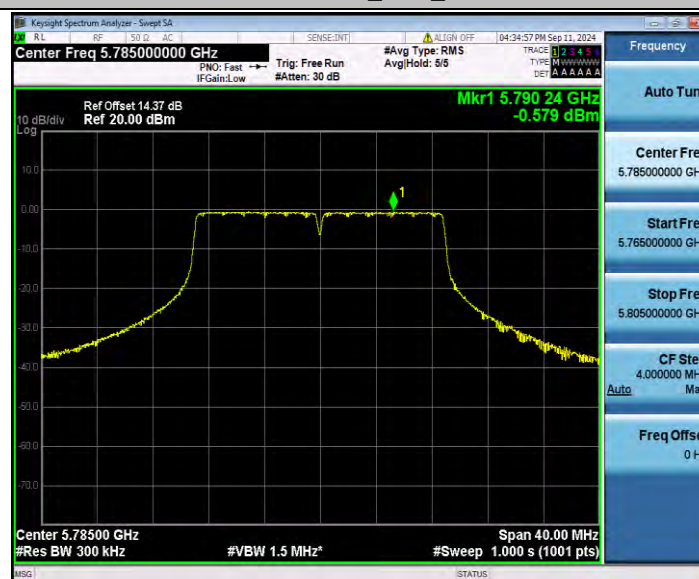
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



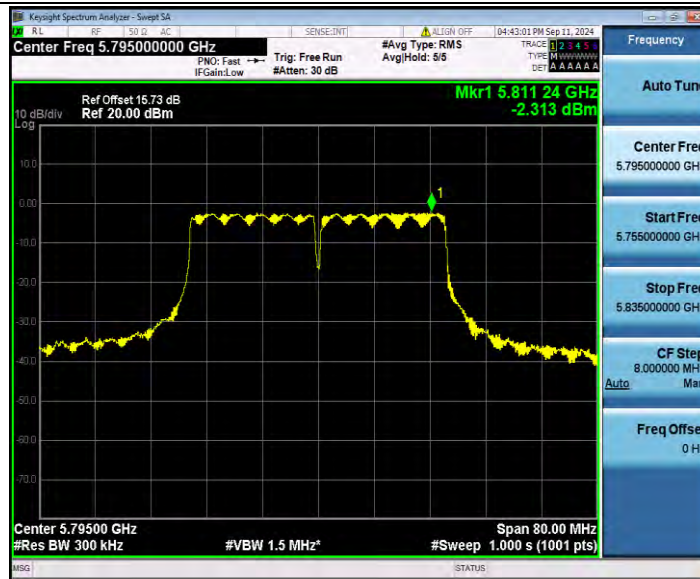
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



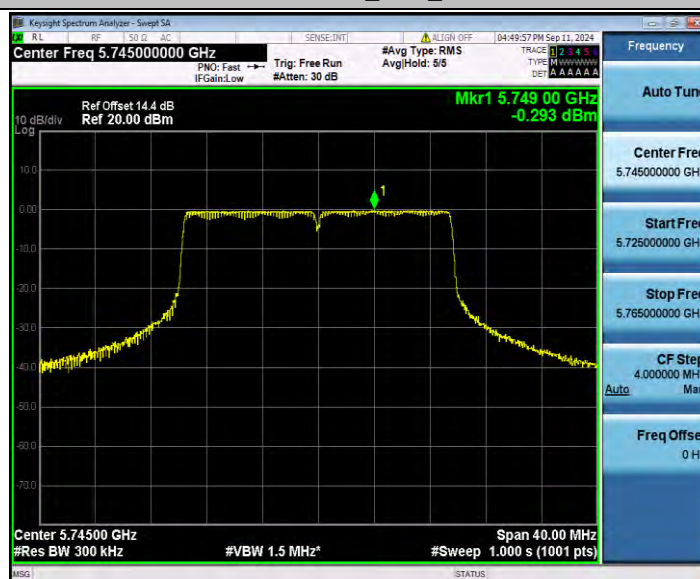
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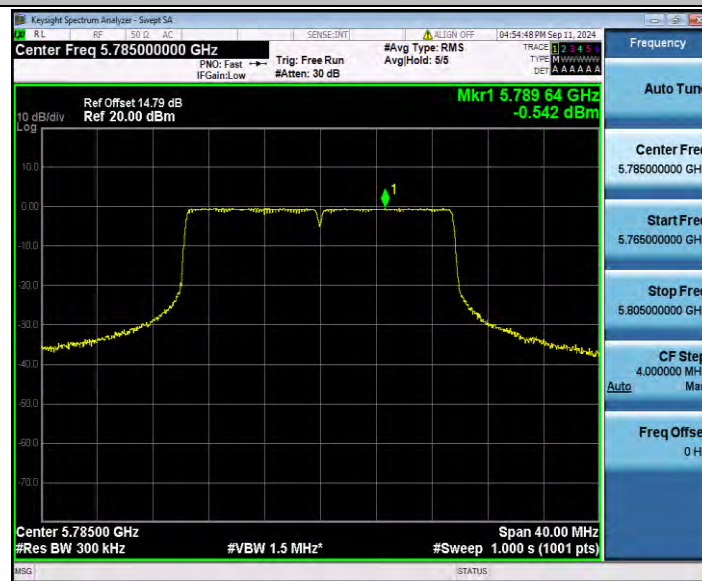
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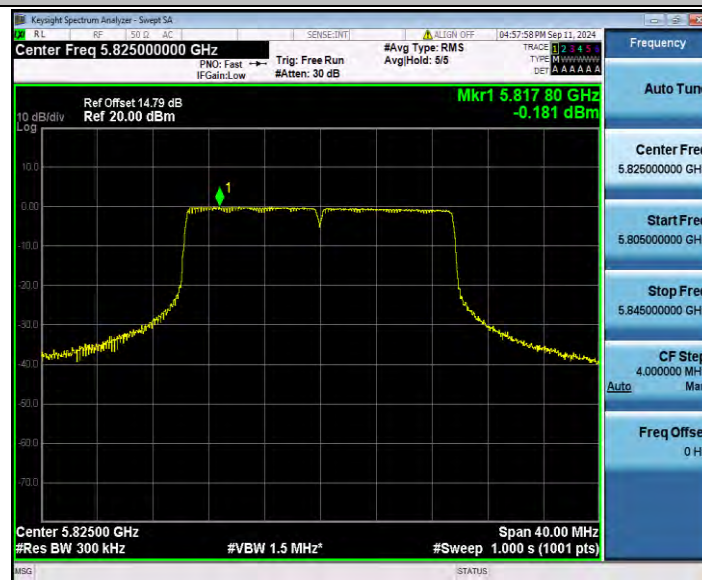
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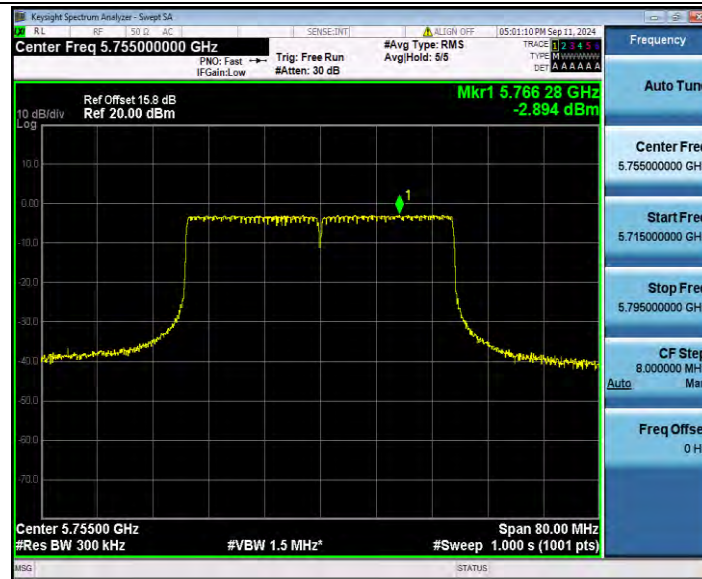
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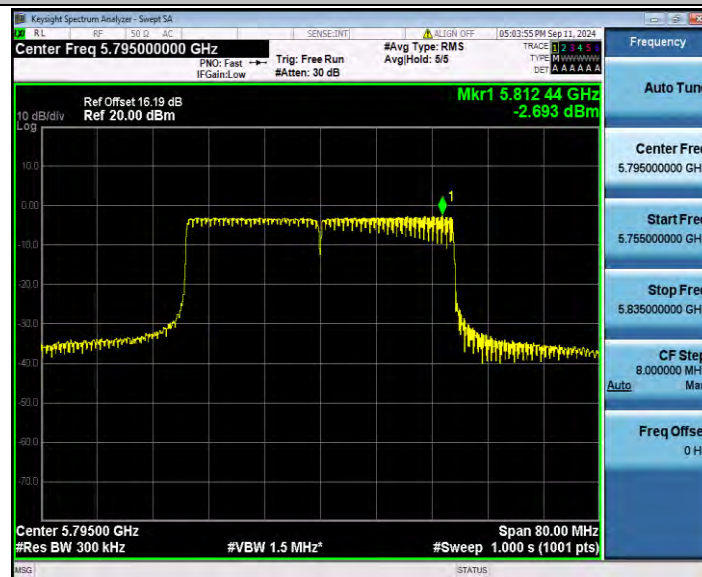
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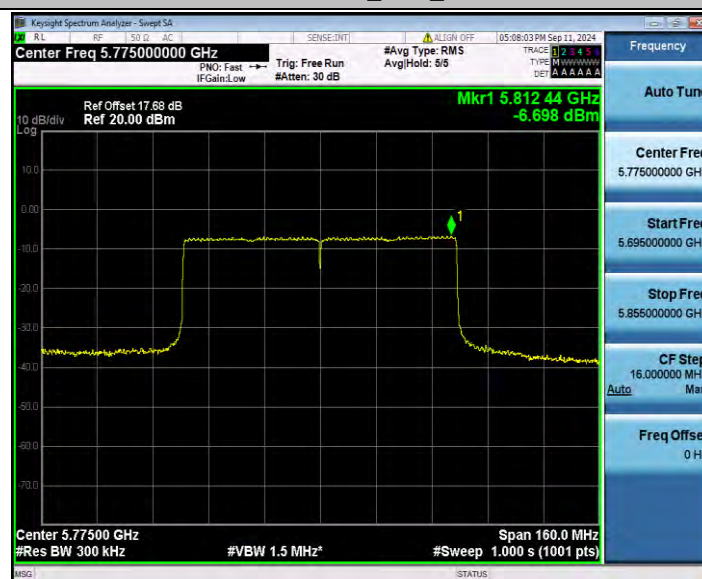
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix G.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	-39.05	≤-26.19	PASS
				5700~5720	-25.18	≤15.50	PASS
				5720~5725	-23.92	≤17.13	PASS
				5760~5650	-40.36	≤-27	PASS
		High	5825	5850~5855	-28.84	≤15.73	PASS
				5855~5875	-28.65	≤15.50	PASS
				5875~5925	-38.23	≤-26.71	PASS
				5925~5935	-38.31	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-40.18	≤-26.53	PASS
				5700~5720	-25.43	≤15.01	PASS
				5720~5725	-24.59	≤17.39	PASS
				5760~5650	-38.95	≤-27	PASS
		High	5825	5850~5855	-27.34	≤16.03	PASS
				5855~5875	-27.21	≤14.18	PASS
				5875~5925	-39.37	≤-26.71	PASS
				5925~5935	-38.48	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-38.24	≤-25.61	PASS
				5700~5720	-18.4	≤15.31	PASS
				5720~5725	-23.79	≤16.04	PASS
				5780~5650	-38.52	≤-27	PASS
		High	5795	5850~5855	-31.62	≤17.16	PASS
				5855~5875	-30.96	≤13.20	PASS
				5875~5925	-38.59	≤-25.85	PASS
				5925~5935	-38.16	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-41	≤-26.96	PASS
				5700~5720	-25.5	≤15.59	PASS
				5720~5725	-25.51	≤15.82	PASS
				5760~5650	-39.84	≤-27	PASS
		High	5825	5850~5855	-28.28	≤16.96	PASS
				5855~5875	-27.71	≤15.54	PASS
				5875~5925	-38.51	≤-26.91	PASS
				5925~5935	-38.47	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-39.58	≤-26.80	PASS
				5700~5720	-25.73	≤10.89	PASS
				5720~5725	-22.75	≤16.04	PASS
				5780~5650	-39.42	≤-27	PASS
		High	5795	5850~5855	-31.63	≤15.66	PASS

				5855~5875	-31.19	≤ 13.76	PASS
				5875~5925	-38.64	≤ -26.59	PASS
				5925~5935	-37.95	≤ -27	PASS
11AC80SI SO	Ant1	Low	5775	5650~5700	-34.29	≤ -26.69	PASS
				5700~5720	-23.34	≤ 10.14	PASS
				5720~5725	-21.99	≤ 16.71	PASS
				5800~5650	-32.72	≤ -27	PASS
		High	5775	5850~5855	-27.93	≤ 15.84	PASS
				5855~5875	-24.02	≤ 12.47	PASS
				5875~5925	-39.77	≤ -26.87	PASS
				5925~5935	-38.69	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.02	≤ -26.02	PASS
				5700~5720	-27.14	≤ 12.47	PASS
				5720~5725	-24.54	≤ 16.34	PASS
				5760~5650	-40.09	≤ -27	PASS
		High	5825	5850~5855	-27.96	≤ 16.34	PASS
				5855~5875	-28.24	≤ 13.50	PASS
				5875~5925	-39.71	≤ -26.41	PASS
				5925~5935	-38.53	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.42	≤ -26.80	PASS
				5700~5720	-23.59	≤ 10.51	PASS
				5720~5725	-23.09	≤ 16.97	PASS
				5780~5650	-37.64	≤ -27	PASS
		High	5795	5850~5855	-29.03	≤ 15.66	PASS
				5855~5875	-34.17	≤ 10.25	PASS
				5875~5925	-38.37	≤ -25.73	PASS
				5925~5935	-38.65	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-32.93	≤ -25.19	PASS
				5700~5720	-21.09	≤ 10.01	PASS
				5720~5725	-20	≤ 15.65	PASS
				5800~5650	-32.48	≤ -27	PASS
		High	5775	5850~5855	-26.95	≤ 16.26	PASS
				5855~5875	-24.58	≤ 12.06	PASS
				5875~5925	-40.01	≤ -26.87	PASS
				5925~5935	-39.13	≤ -27	PASS

Test Graphs B4



11A_Ant1_High_5825

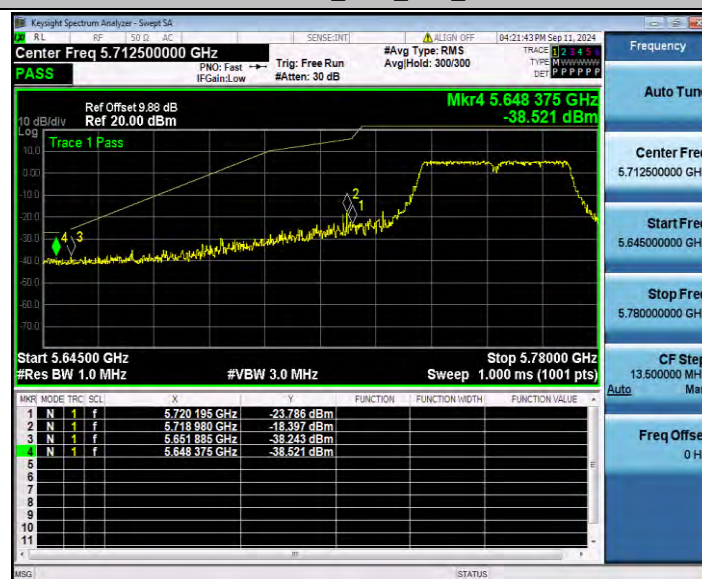
11N20SISO_Ant1_Low_5745



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



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



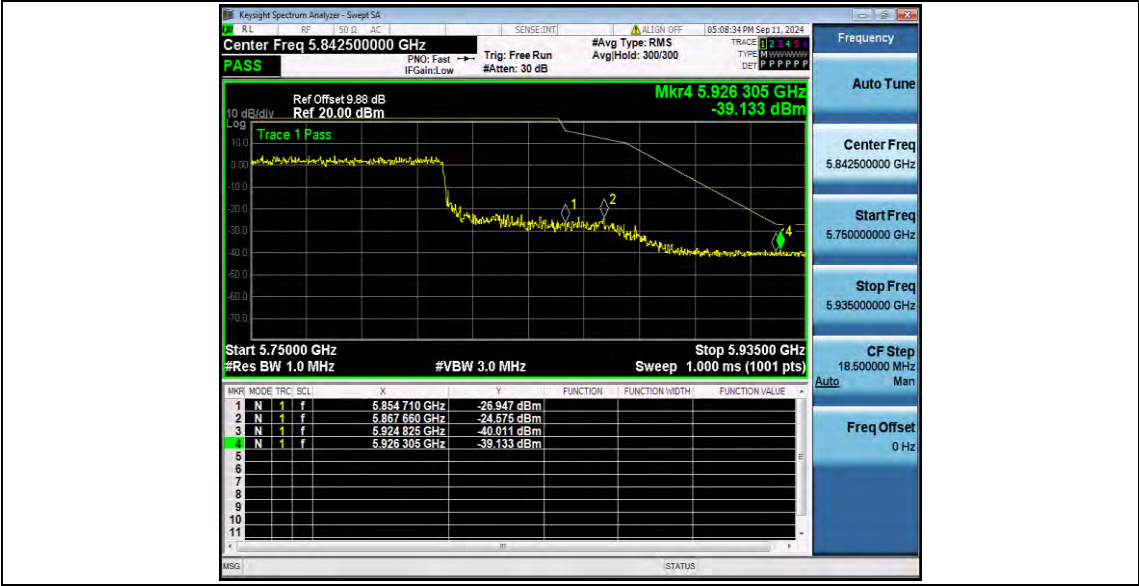
11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



Appendix G.7: Conducted Spurious Emission

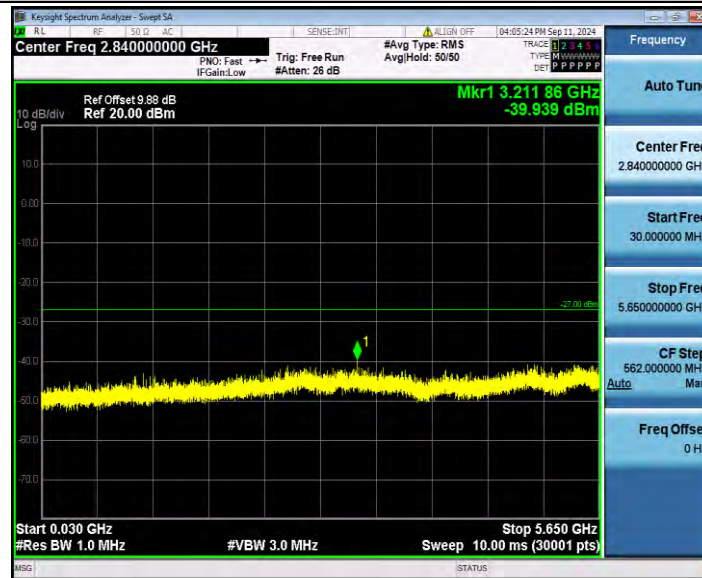
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3211.86	-39.94	≤-27	PASS
			5925~27000	26781.52	-31.04	≤-27	PASS
		5785	30~5650	5448.24	-39.72	≤-27	PASS
			5925~27000	24279.22	-31.64	≤-27	PASS
		5825	30~5650	5448.05	-39.88	≤-27	PASS
			5925~27000	26709.17	-32.18	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5453.49	-40.68	≤-27	PASS
			5925~27000	24258.14	-30.94	≤-27	PASS
		5785	30~5650	2673.65	-39.73	≤-27	PASS
			5925~27000	24200.54	-31.64	≤-27	PASS
		5825	30~5650	5458.17	-39.94	≤-27	PASS
			5925~27000	24232.85	-31.85	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4955.74	-40.11	≤-27	PASS
			5925~27000	25056.89	-31.83	≤-27	PASS
		5795	30~5650	5636.51	-39.7	≤-27	PASS
			5925~27000	24776.59	-31.54	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	3449.96	-40.74	≤-27	PASS
			5925~27000	26575.69	-31.16	≤-27	PASS
		5785	30~5650	3152.28	-40.29	≤-27	PASS
			5925~27000	24780.8	-31.88	≤-27	PASS
		5825	30~5650	2967.95	-40.22	≤-27	PASS
			5925~27000	24877.05	-31.97	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	833.66	-37.58	≤-27	PASS
			5925~27000	24709.85	-31.78	≤-27	PASS
		5795	30~5650	2543.64	-40.31	≤-27	PASS
			5925~27000	23522.63	-31.32	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5635.95	-34.18	≤-27	PASS
			5925~27000	24230.75	-31.47	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	4901.04	-39.39	≤-27	PASS
			5925~27000	24824.36	-31.21	≤-27	PASS
		5785	30~5650	4949.56	-39.34	≤-27	PASS
			5925~27000	25654.71	-30.88	≤-27	PASS
		5825	30~5650	4967.73	-39.73	≤-27	PASS
			5925~27000	24186.49	-30.7	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5537.23	-40.13	≤-27	PASS
			5925~27000	25137.67	-32.21	≤-27	PASS

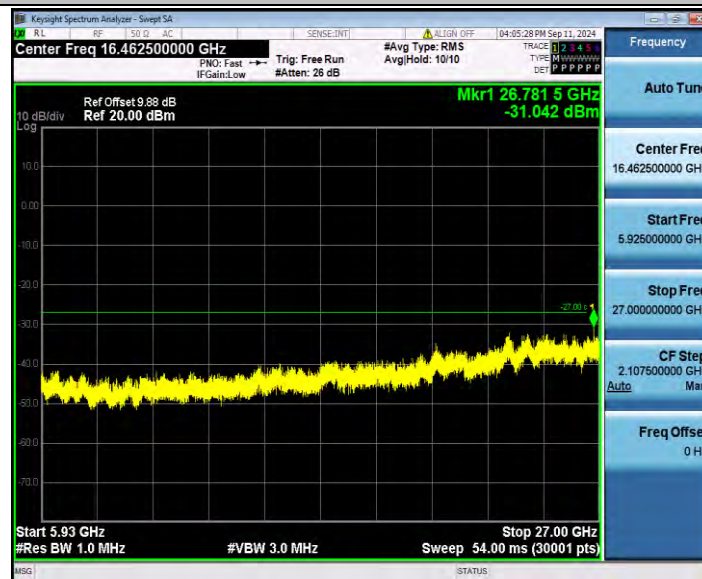
		5795	30~5650	5446.74	-38.69	≤ -27	PASS
			5925~27000	24915.68	-32.05	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5628.08	-36.61	≤ -27	PASS
			5925~27000	26548.29	-31.13	≤ -27	PASS

Test Graphs

11A_Ant1_5745_30~5650



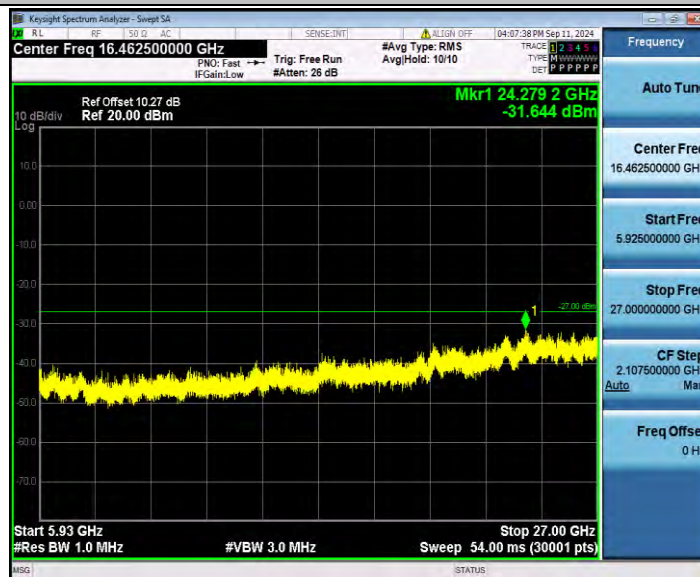
11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



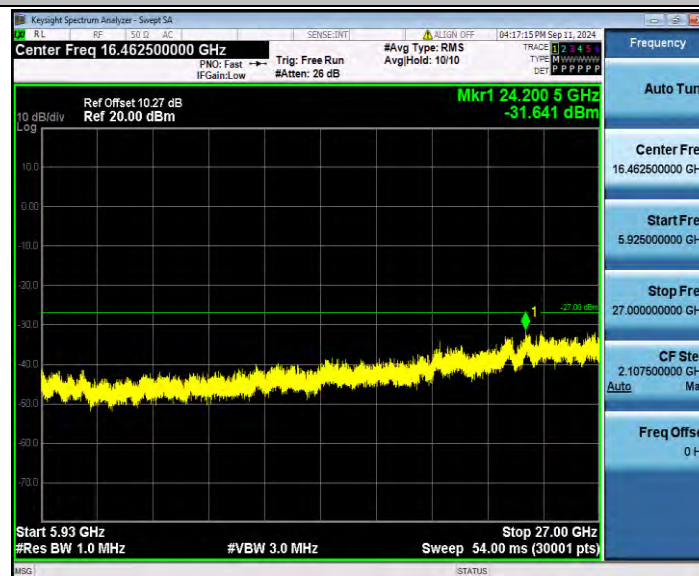
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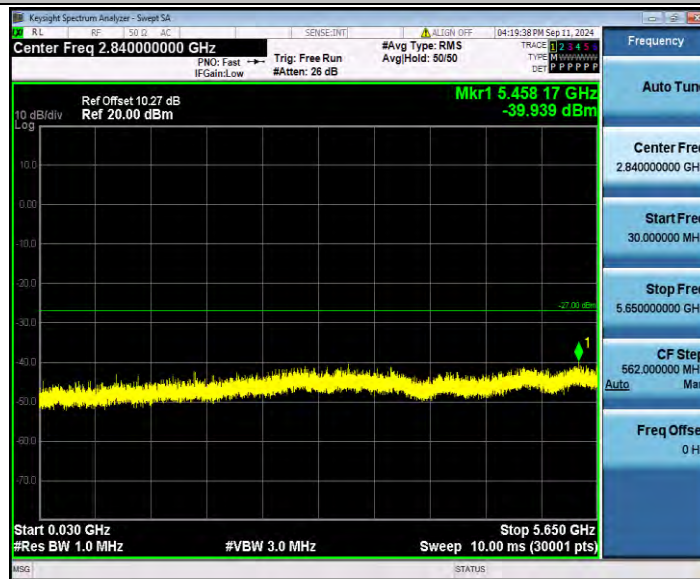
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



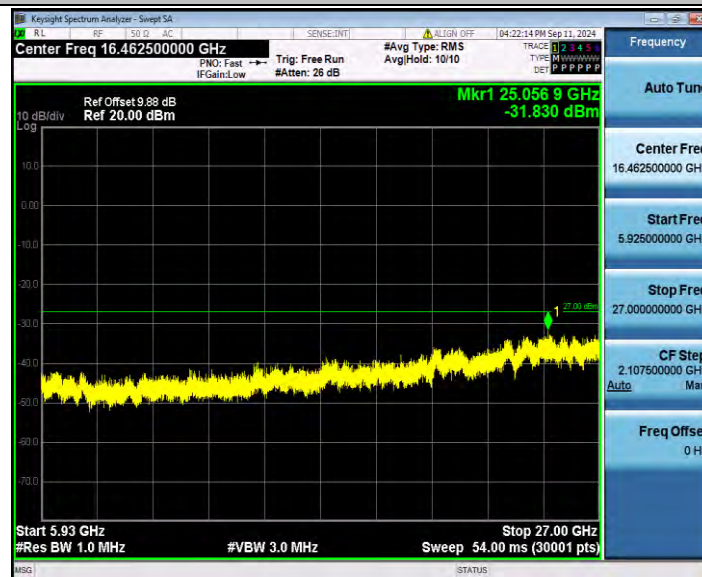
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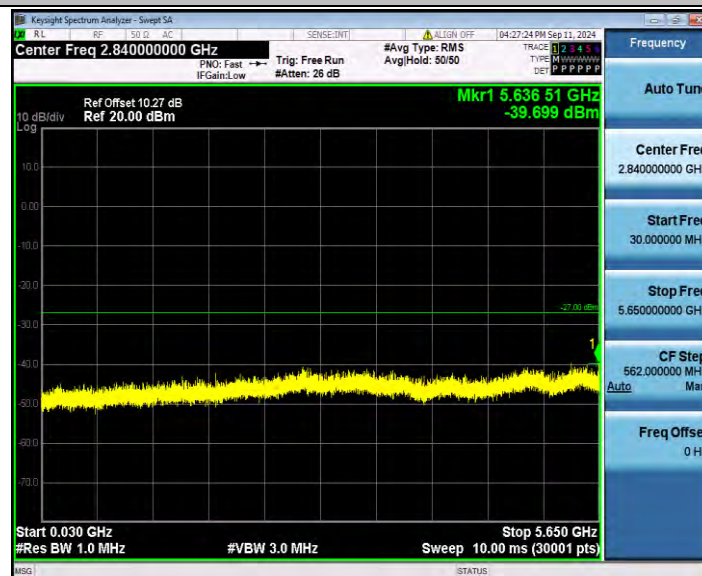
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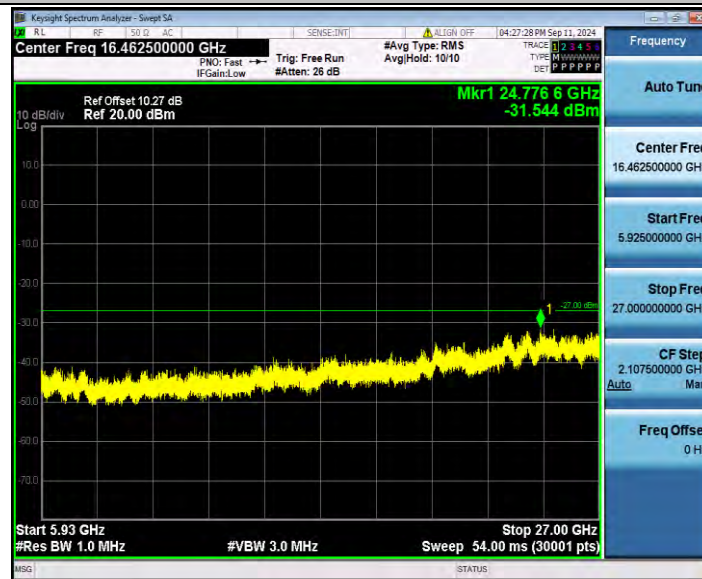
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11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



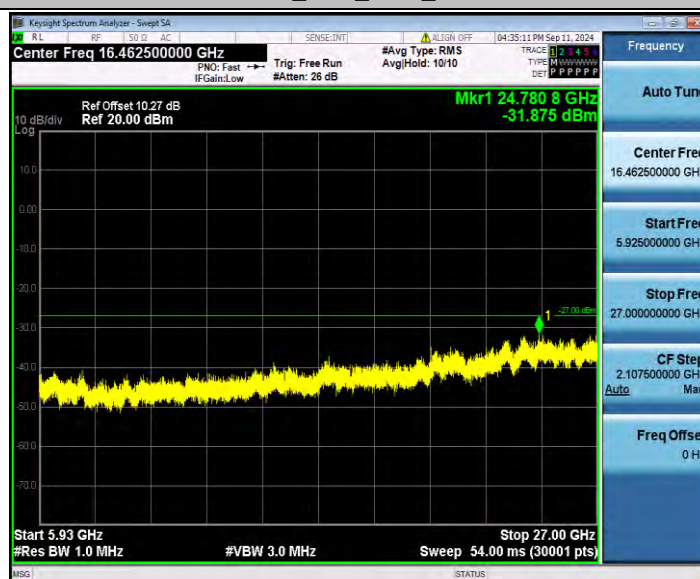
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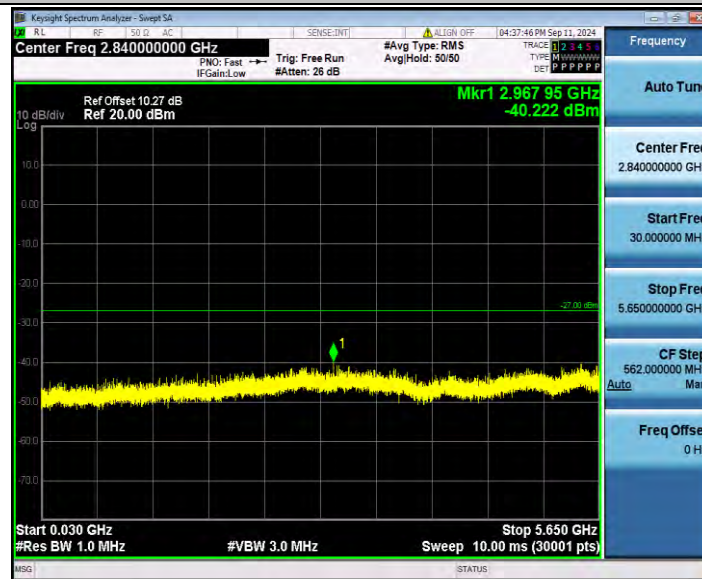
11AC20SISO_Ant1_5785_30~5650



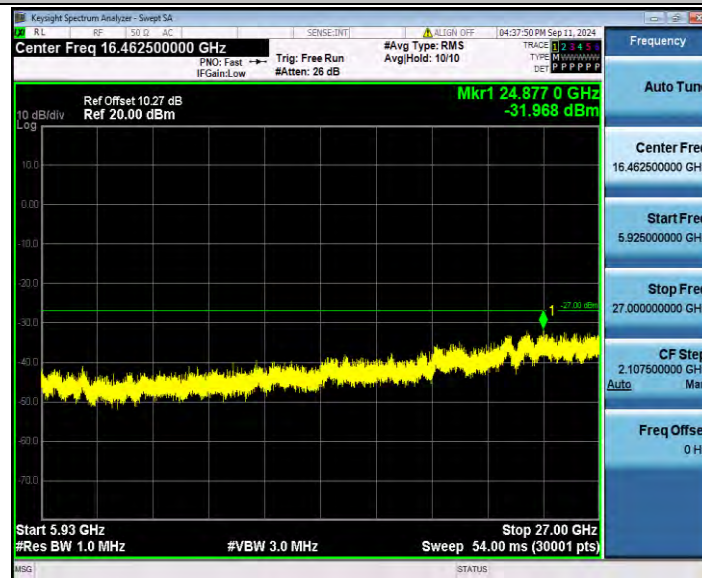
11AC20SISO_Ant1_5785_5925~27000



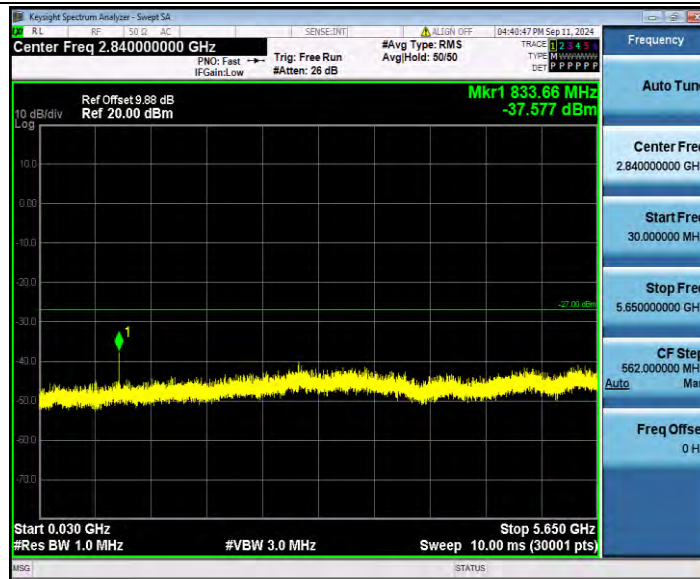
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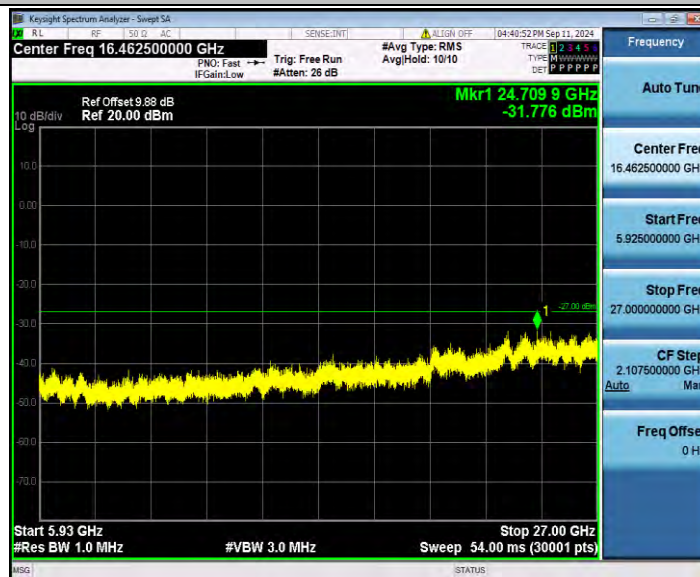
11AC20SISO_Ant1_5825_5925~27000



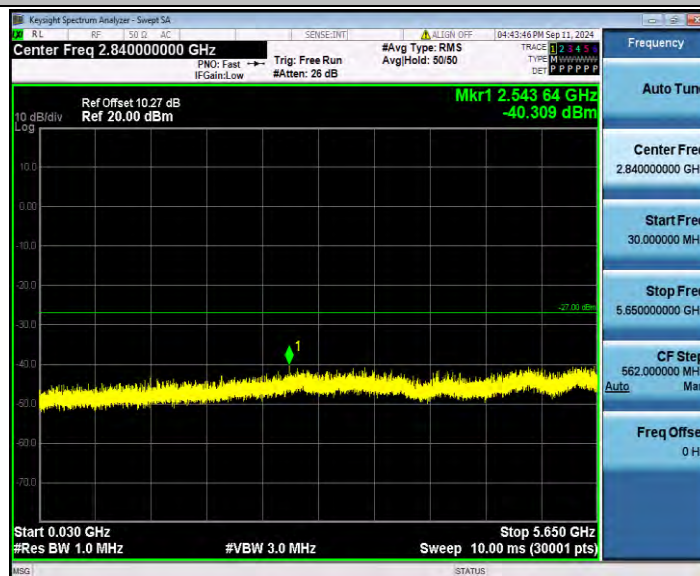
11AC40SISO_Ant1_5755_30~5650



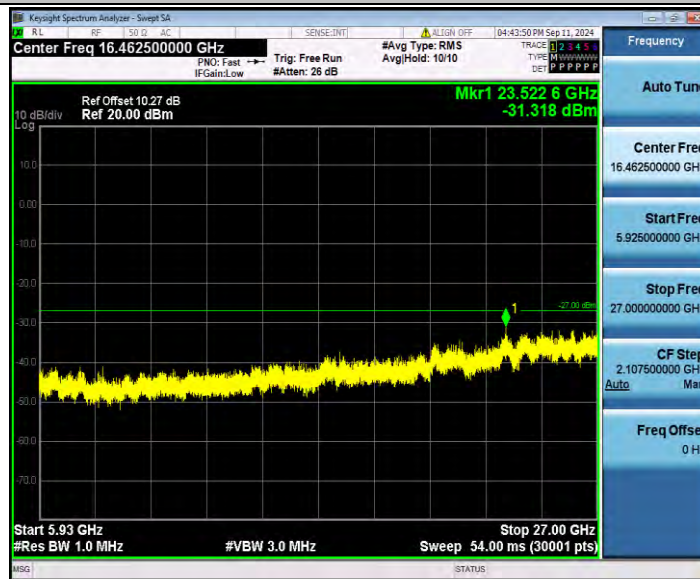
11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



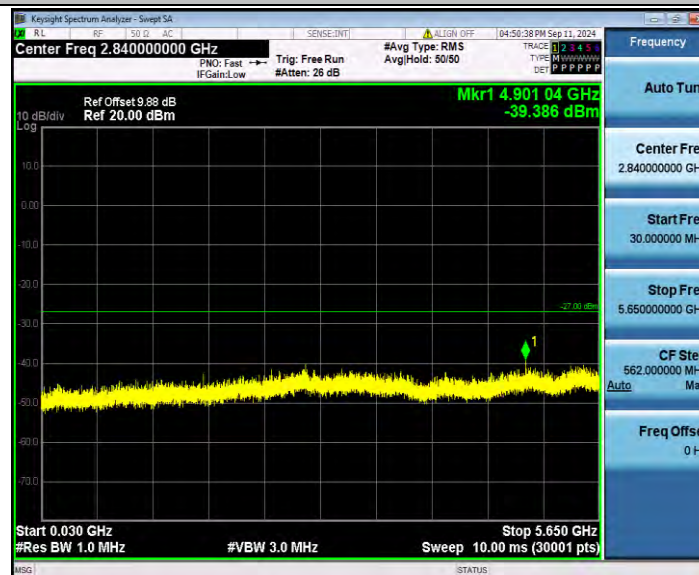
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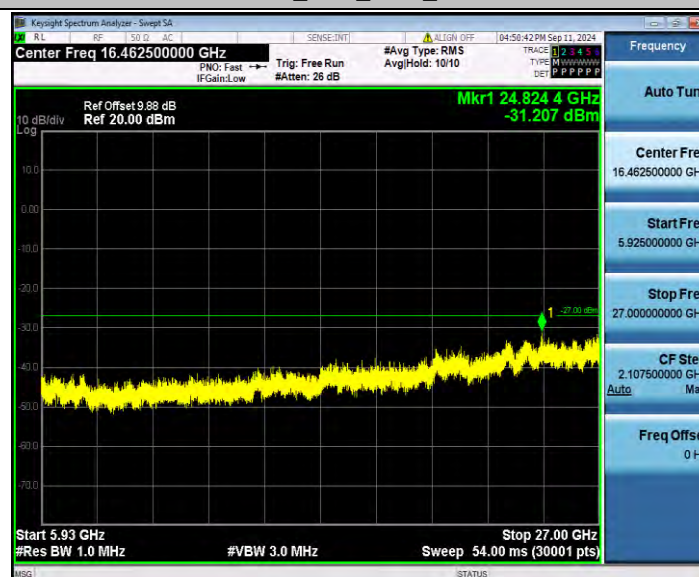
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11AX20SISO_Ant1_5745_30~5650



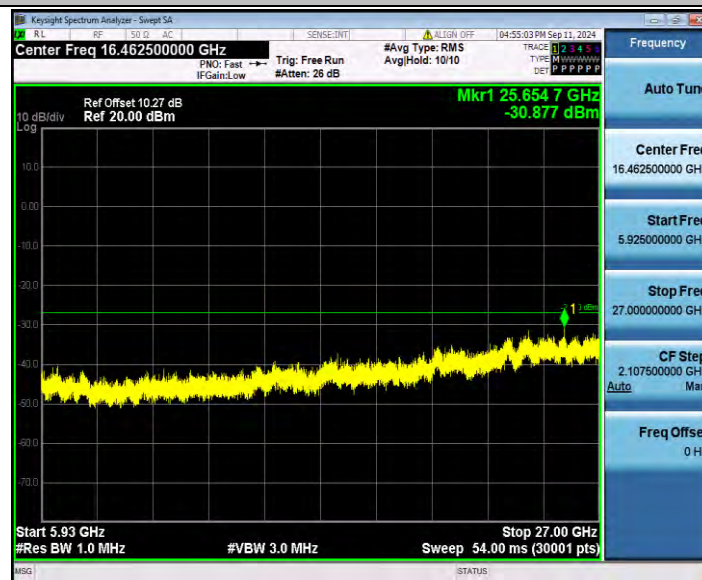
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11AX20SISO_Ant1_5785_30~5650



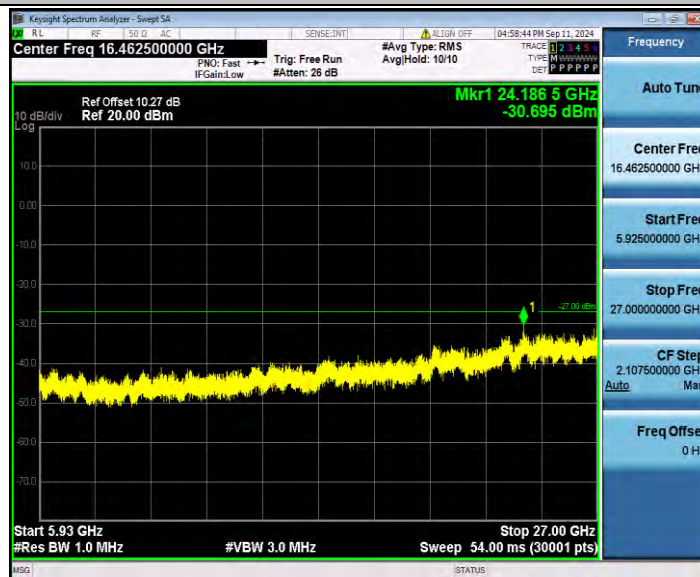
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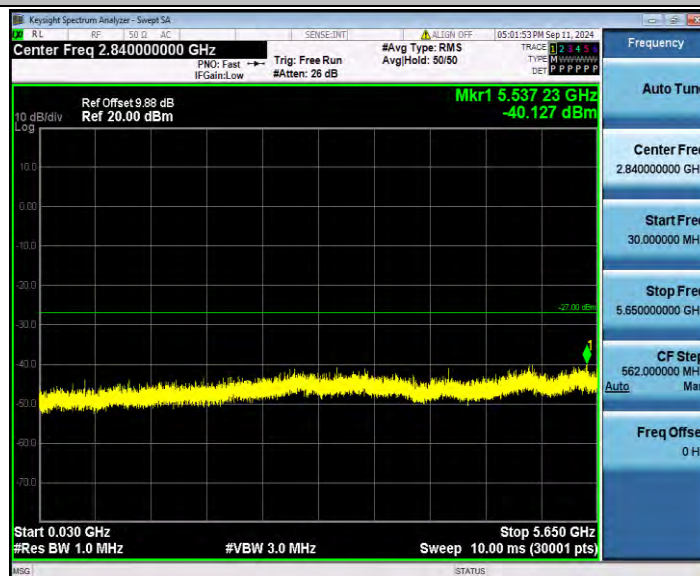
11AX20SISO_Ant1_5825_30~5650



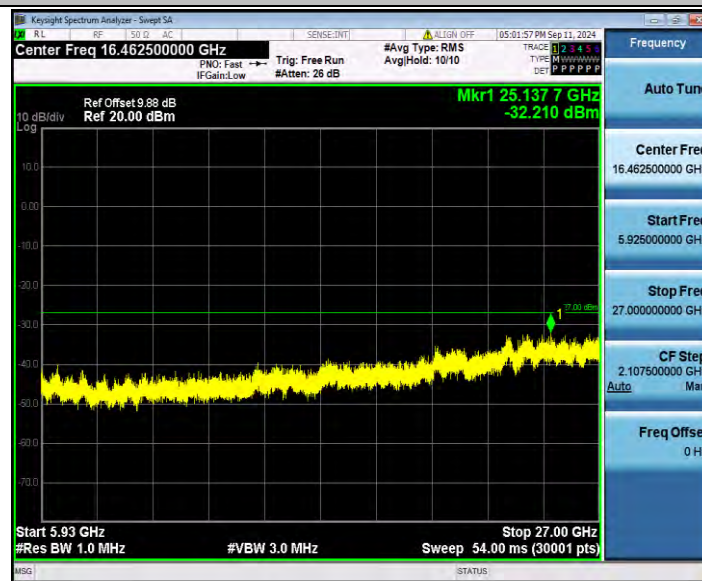
11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650



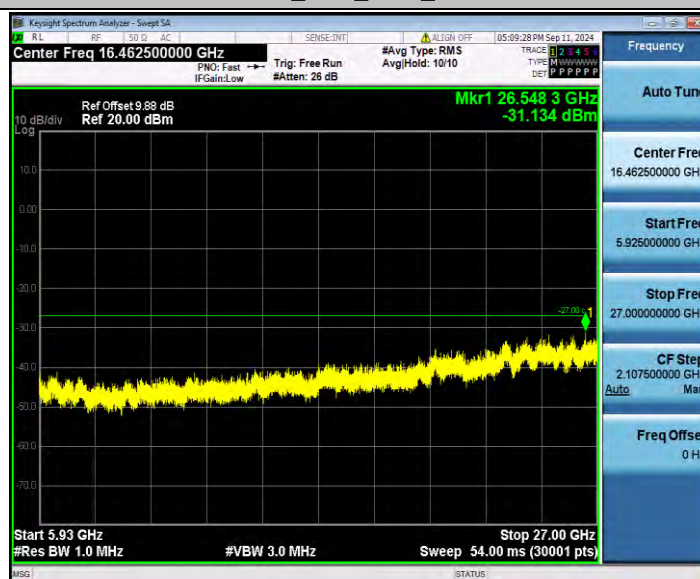
11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000



Appendix G.8: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-40.51	≤-27.00	PASS
				Peak	5700.000	-36.27	≤10.00	PASS
				Peak	5720.000	-29.12	≤15.60	PASS
				Peak	5725.000	-22.08	≤27.00	PASS
		High	5825	Peak	5850.000	-26.176	≤27.00	PASS
				Peak	5855.000	-28.39	≤15.60	PASS
				Peak	5875.000	-35.04	≤10.00	PASS
				Peak	5925.000	-36.72	≤-27.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-39.685	≤-27.00	PASS
				Peak	5700.000	-31.74	≤10.00	PASS
				Peak	5720.000	-26.89	≤15.60	PASS
				Peak	5725.000	-24.65	≤27.00	PASS
		High	5825	Peak	5850.000	-25.368	≤27.00	PASS
				Peak	5855.000	-28.58	≤15.60	PASS
				Peak	5875.000	-35.64	≤10.00	PASS
				Peak	5925.000	-35.88	≤-27.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-38.303	≤-27.00	PASS
				Peak	5700.000	-31.4	≤10.00	PASS
				Peak	5720.000	-22.88	≤15.60	PASS
				Peak	5725.000	-24.44	≤27.00	PASS
		High	5795	Peak	5850.000	-28.403	≤27.00	PASS
				Peak	5855.000	-30.86	≤15.60	PASS
				Peak	5875.000	-36.27	≤10.00	PASS
				Peak	5925.000	-37.18	≤-27.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-41.02	≤-27.00	PASS
				Peak	5700.000	-36.35	≤10.00	PASS
				Peak	5720.000	-23.7	≤15.60	PASS
				Peak	5725.000	-23	≤27.00	PASS
		High	5825	Peak	5850.000	-23.937	≤27.00	PASS
				Peak	5855.000	-25.97	≤15.60	PASS
				Peak	5875.000	-34.7	≤10.00	PASS
				Peak	5925.000	-37.61	≤-27.00	PASS

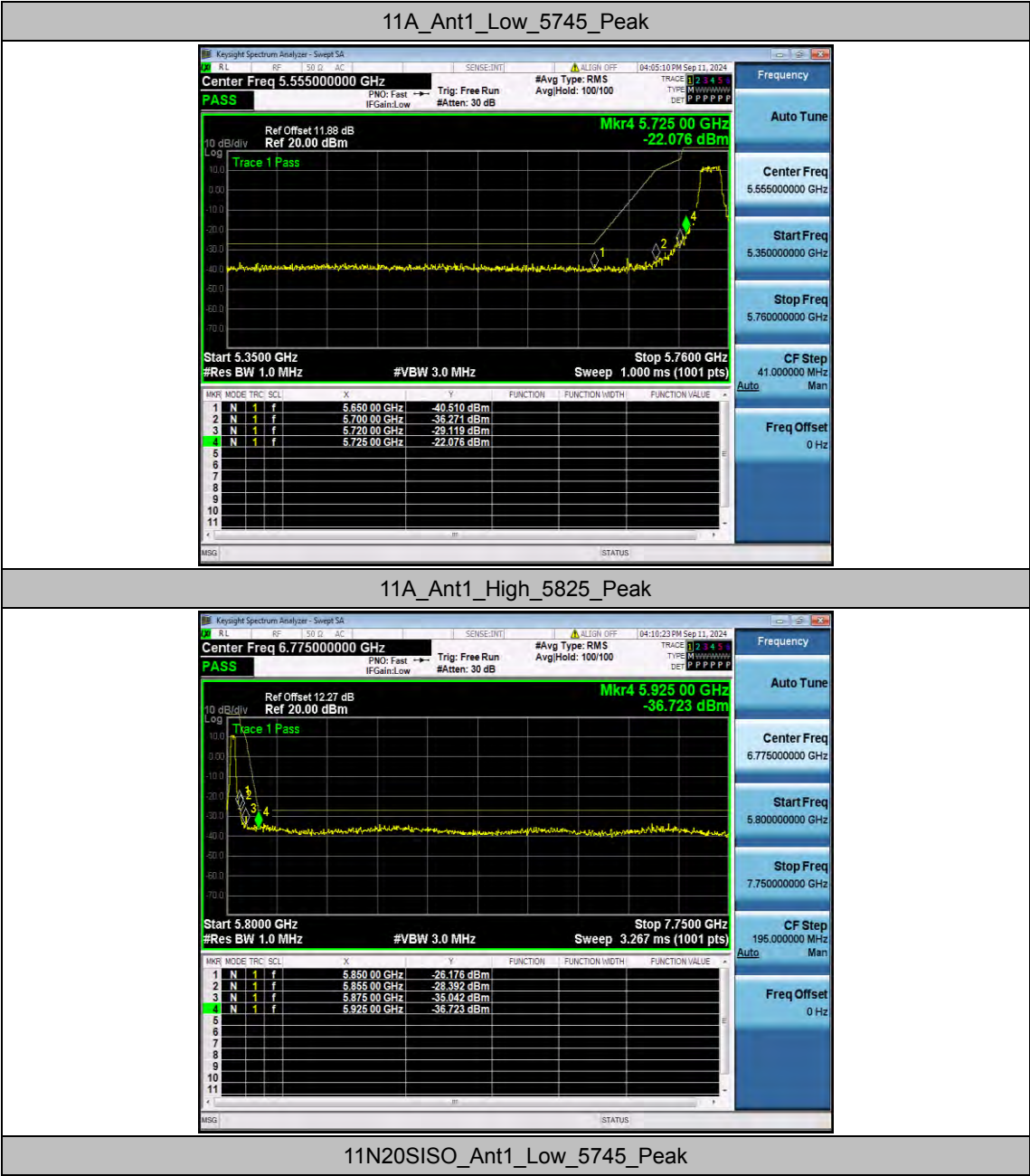
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-39.551	≤ -27.00	PASS
				Peak	5700.000	-27.66	≤ 10.00	PASS
				Peak	5720.000	-20.59	≤ 15.60	PASS
				Peak	5725.000	-18.76	≤ 27.00	PASS
		High	5795	Peak	5850.000	-27.613	≤ 27.00	PASS
				Peak	5855.000	-29.43	≤ 15.60	PASS
				Peak	5875.000	-35.98	≤ 10.00	PASS
				Peak	5925.000	-36.67	≤ -27.00	PASS
11AC80SISO	Ant1	Low	5775	Peak	5650.000	-32.054	≤ -27.00	PASS
				Peak	5700.000	-22.44	≤ 10.00	PASS
				Peak	5720.000	-18.84	≤ 15.60	PASS
				Peak	5725.000	-17.88	≤ 27.00	PASS
		High	5775	Peak	5850.000	-24.13	≤ 27.00	PASS
				Peak	5855.000	-23.75	≤ 15.60	PASS
				Peak	5875.000	-28.45	≤ 10.00	PASS
				Peak	5925.000	-35.65	≤ -27.00	PASS
11AX20SISO	Ant1	Low	5745	Peak	5650.000	-40.451	≤ -27.00	PASS
				Peak	5700.000	-33.76	≤ 10.00	PASS
				Peak	5720.000	-22.73	≤ 15.60	PASS
				Peak	5725.000	-21.39	≤ 27.00	PASS
		High	5825	Peak	5850.000	-26.236	≤ 27.00	PASS
				Peak	5855.000	-28.57	≤ 15.60	PASS
				Peak	5875.000	-33.19	≤ 10.00	PASS
				Peak	5925.000	-37.28	≤ -27.00	PASS
11AX40SISO	Ant1	Low	5755	Peak	5650.000	-36.614	≤ -27.00	PASS
				Peak	5700.000	-27.91	≤ 10.00	PASS
				Peak	5720.000	-25.26	≤ 15.60	PASS
				Peak	5725.000	-22.29	≤ 27.00	PASS
		High	5795	Peak	5850.000	-19.702	≤ 27.00	PASS
				Peak	5855.000	-26.72	≤ 15.60	PASS
				Peak	5875.000	-35.39	≤ 10.00	PASS
				Peak	5925.000	-36.45	≤ -27.00	PASS
11AX80SISO	Ant1	Low	5775	Peak	5650.000	-33.813	≤ -27.00	PASS

				Peak	5700.000	-21.17	≤10.00	PASS
				Peak	5720.000	-24.71	≤15.60	PASS
				Peak	5725.000	-18.81	≤27.00	PASS
		High	5775	Peak	5850.000	-22.692	≤27.00	PASS
				Peak	5855.000	-26.16	≤15.60	PASS
				Peak	5875.000	-28.45	≤10.00	PASS
				Peak	5925.000	-35.96	≤-27.00	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs





11N20SISO_Ant1_High_5825_Peak



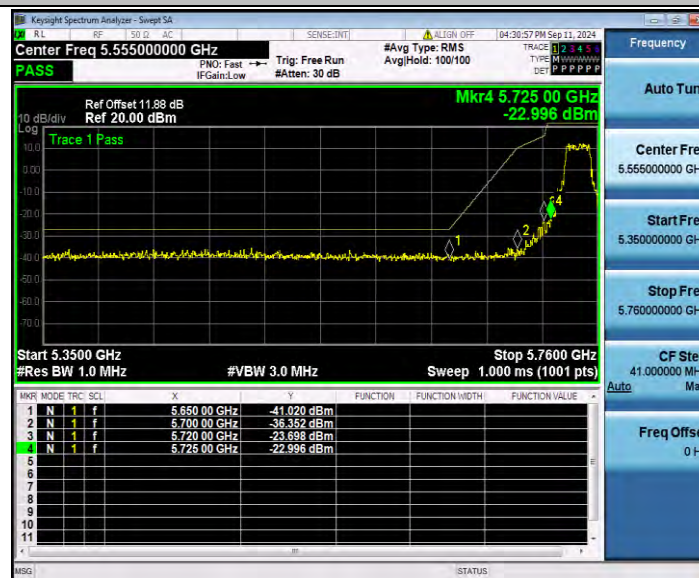
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



11AC20SISO_Ant1_Low_5745_Peak



11AC20SISO_Ant1_High_5825_Peak



11AC40SISO_Ant1_Low_5755_Peak



11AC40SISO_Ant1_High_5795_Peak



11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak



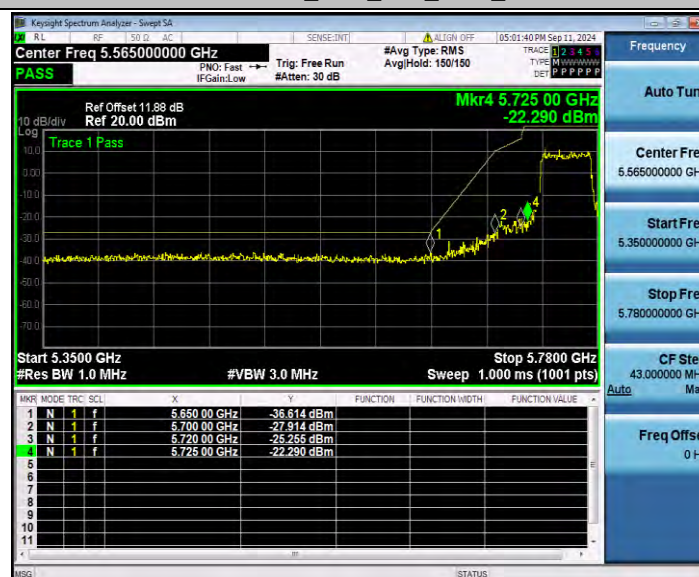
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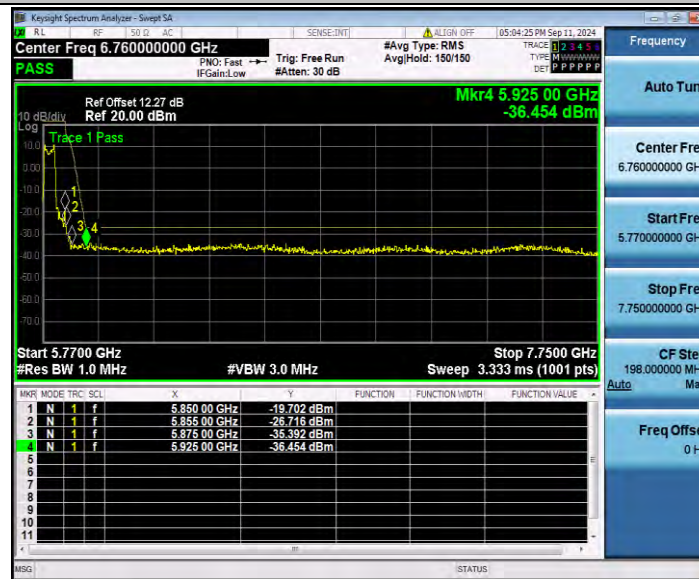
11AX20ISO_Ant1_High_5825_Peak



11AX40ISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak



11AX80SISO_Ant1_Low_5775_Peak



11AX80SISO_Ant1_High_5775_Peak

