

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	Ant0	5745	12.52	100.00	0.00	12.52	≤30.00	PASS
		5785	12.23	100.00	0.00	12.23	≤30.00	PASS
		5825	11.63	100.00	0.00	11.63	≤30.00	PASS
11N20SISO	Ant0	5745	12.30	100.00	0.00	12.30	≤30.00	PASS
		5785	11.96	100.00	0.00	11.96	≤30.00	PASS
		5825	11.55	100.00	0.00	11.55	≤30.00	PASS
11N40SISO	Ant0	5755	11.99	100.00	0.00	11.99	≤30.00	PASS
		5795	11.48	100.00	0.00	11.48	≤30.00	PASS
11AC20SISO	Ant0	5745	12.24	100.00	0.00	12.24	≤30.00	PASS
		5785	12.09	100.00	0.00	12.09	≤30.00	PASS
		5825	11.58	100.00	0.00	11.58	≤30.00	PASS
11AC40SISO	Ant0	5755	11.79	100.00	0.00	11.79	≤30.00	PASS
		5795	11.48	100.00	0.00	11.48	≤30.00	PASS
11AC80SISO	Ant0	5775	11.03	100.00	0.00	11.03	≤30.00	PASS
11AX20SISO	Ant0	5745	11.98	100.00	0.00	11.98	≤30.00	PASS
		5785	12.09	100.00	0.00	12.09	≤30.00	PASS
		5825	11.87	100.00	0.00	11.87	≤30.00	PASS
11AX40SISO	Ant0	5755	12.12	100.00	0.00	12.12	≤30.00	PASS
		5795	11.67	100.00	0.00	11.67	≤30.00	PASS
11AX80SISO	Ant0	5775	11.60	100.00	0.00	11.60	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-1.54	≤30.00	PASS
		5785	-1.89	≤30.00	PASS
		5825	-2.44	≤30.00	PASS
11N20SISO	Ant0	5745	-1.80	≤30.00	PASS
		5785	-2.00	≤30.00	PASS
		5825	-2.47	≤30.00	PASS
11N40SISO	Ant0	5755	-5.22	≤30.00	PASS
		5795	-5.59	≤30.00	PASS
11AC20SISO	Ant0	5745	-1.87	≤30.00	PASS
		5785	-2.05	≤30.00	PASS
		5825	-2.49	≤30.00	PASS
11AC40SISO	Ant0	5755	-5.35	≤30.00	PASS
		5795	-5.53	≤30.00	PASS
11AC80SISO	Ant0	5775	-7.85	≤30.00	PASS
11AX20SISO	Ant0	5745	-3.10	≤30.00	PASS
		5785	-2.96	≤30.00	PASS
		5825	-3.35	≤30.00	PASS
11AX40SISO	Ant0	5755	-5.96	≤30.00	PASS
		5795	-6.33	≤30.00	PASS
11AX80SISO	Ant0	5775	-8.44	≤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

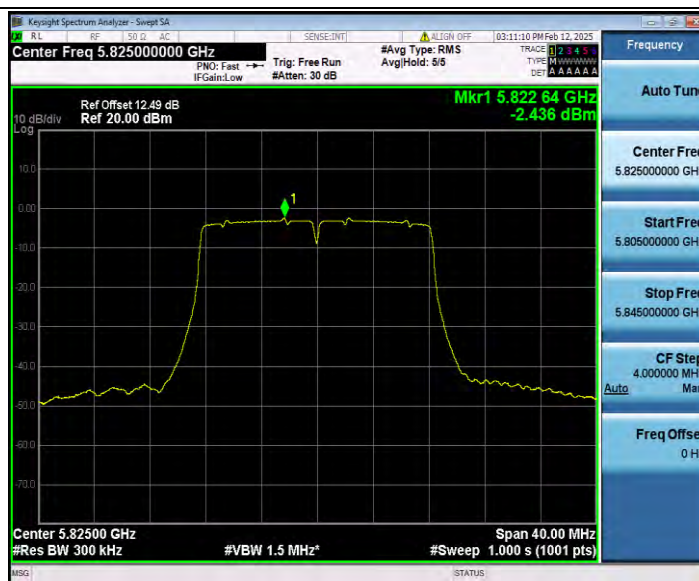
11A_Ant0_5745



11A_Ant0_5785



11A_Ant0_5825



11N20SISO_Ant0_5745



11N20SISO_Ant0_5785



11N20SISO_Ant0_5825



11N40SISO_Ant0_5755



11N40SISO_Ant0_5795



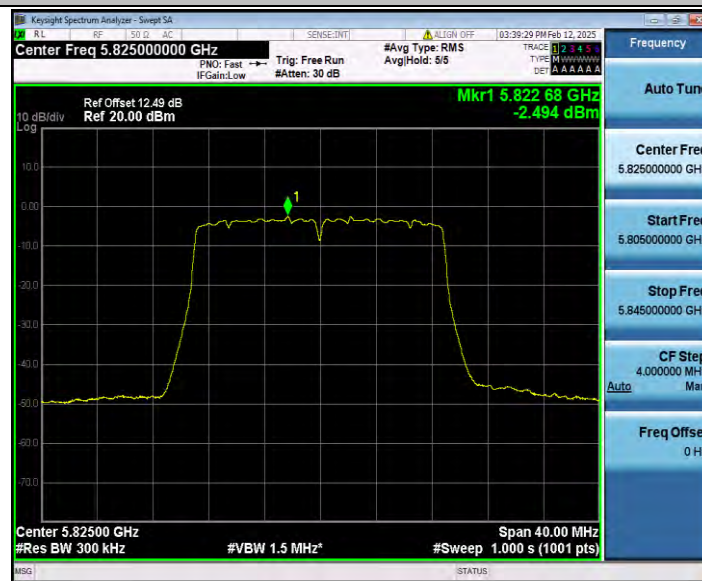
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11AC20SISO_Ant0_5785



11AC20SISO_Ant0_5825



11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40ISO_Ant0_5795



11AX80ISO_Ant0_5775



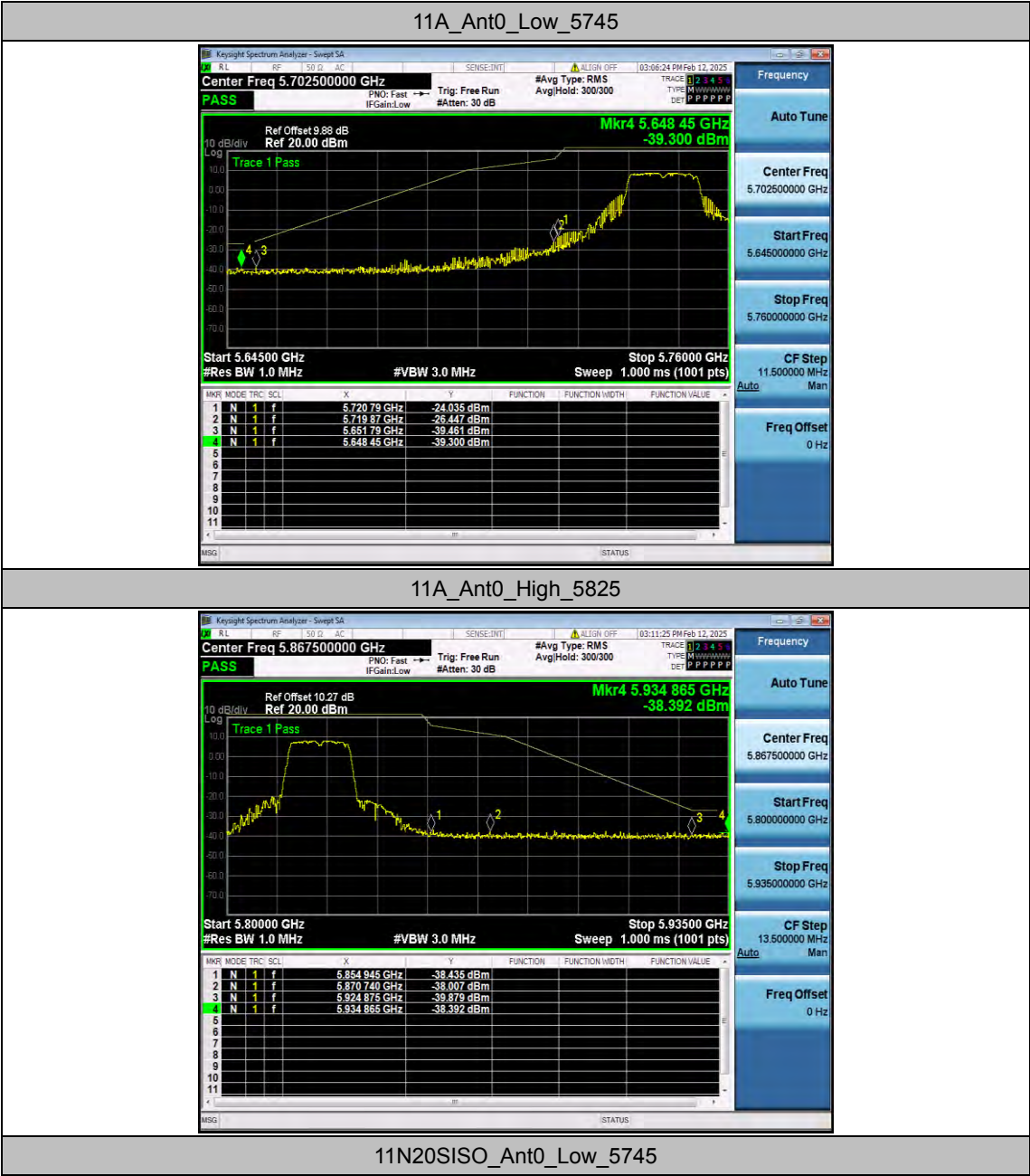
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-39.46	≤-25.68	PASS
				5700~5720	-26.45	≤15.56	PASS
				5720~5725	-24.04	≤17.39	PASS
				5760~5650	-39.3	≤-27	PASS
		High	5825	5850~5855	-38.44	≤15.73	PASS
				5855~5875	-38.01	≤11.19	PASS
				5875~5925	-39.88	≤-26.91	PASS
				5925~5935	-38.39	≤-27	PASS
11N20SI SO	Ant0	Low	5745	5650~5700	-40.08	≤-25.93	PASS
				5700~5720	-26.7	≤15.24	PASS
				5720~5725	-27.88	≤16.08	PASS
				5760~5650	-39.93	≤-27	PASS
		High	5825	5850~5855	-37.62	≤15.73	PASS
				5855~5875	-39.07	≤10.44	PASS
				5875~5925	-39.05	≤-26.81	PASS
				5925~5935	-38.23	≤-27	PASS
11N40SI SO	Ant0	Low	5755	5650~5700	-39.55	≤-26.50	PASS
				5700~5720	-16.9	≤15.50	PASS
				5720~5725	-15.6	≤16.04	PASS
				5780~5650	-38.9	≤-27	PASS
		High	5795	5850~5855	-38.05	≤16.03	PASS
				5855~5875	-37.83	≤10.39	PASS
				5875~5925	-39.6	≤-26.71	PASS
				5925~5935	-37.45	≤-27	PASS
11AC20S ISO	Ant0	Low	5745	5650~5700	-40.07	≤-26.87	PASS
				5700~5720	-26.78	≤15.11	PASS
				5720~5725	-27.74	≤16.34	PASS
				5760~5650	-40.06	≤-27	PASS
		High	5825	5850~5855	-37.8	≤15.73	PASS
				5855~5875	-38.47	≤10.32	PASS
				5875~5925	-38.19	≤-26.71	PASS
				5925~5935	-38.08	≤-27	PASS
11AC40S ISO	Ant0	Low	5755	5650~5700	-39.39	≤-25.71	PASS
				5700~5720	-25.33	≤13.31	PASS
				5720~5725	-26.23	≤15.74	PASS
				5780~5650	-39.24	≤-27	PASS

		High	5795	5850~5855	-37.28	≤ 15.66	PASS
				5855~5875	-38.78	≤ 10.02	PASS
				5875~5925	-38.9	≤ -26.71	PASS
				5925~5935	-38.41	≤ -27	PASS
11AC80S ISO	Ant0	Low	5775	5650~5700	-40.03	≤ -26.69	PASS
				5700~5720	-31.41	≤ 10.57	PASS
				5720~5725	-31.31	≤ 16.71	PASS
				5800~5650	-39.48	≤ -27	PASS
		High	5775	5850~5855	-24.14	≤ 17.10	PASS
				5855~5875	-26.92	≤ 11.74	PASS
				5875~5925	-39.4	≤ -26.73	PASS
				5925~5935	-39.15	≤ -27	PASS
11AX20SI SO	Ant0	Low	5745	5650~5700	-40.47	≤ -26.96	PASS
				5700~5720	-26.16	≤ 15.59	PASS
				5720~5725	-23.18	≤ 17.13	PASS
				5760~5650	-39.72	≤ -27	PASS
		High	5825	5850~5855	-35.95	≤ 15.73	PASS
				5855~5875	-38.18	≤ 10.17	PASS
				5875~5925	-37.79	≤ -25.81	PASS
				5925~5935	-38.66	≤ -27	PASS
11AX40SI SO	Ant0	Low	5755	5650~5700	-39.67	≤ -26.90	PASS
				5700~5720	-20.04	≤ 15.31	PASS
				5720~5725	-21.51	≤ 17.28	PASS
				5780~5650	-39.42	≤ -27	PASS
		High	5795	5850~5855	-37.51	≤ 16.41	PASS
				5855~5875	-39.16	≤ 10.02	PASS
				5875~5925	-38.45	≤ -26.95	PASS
				5925~5935	-37.39	≤ -27	PASS
11AX80SI SO	Ant0	Low	5775	5650~5700	-35.96	≤ -26.80	PASS
				5700~5720	-24.96	≤ 11.83	PASS
				5720~5725	-31.74	≤ 15.65	PASS
				5800~5650	-36.74	≤ -27	PASS
		High	5775	5850~5855	-24.16	≤ 19.21	PASS
				5855~5875	-25.03	≤ 10.40	PASS
				5875~5925	-35.37	≤ -25.50	PASS
				5925~5935	-36.62	≤ -27	PASS

Test Graphs B4



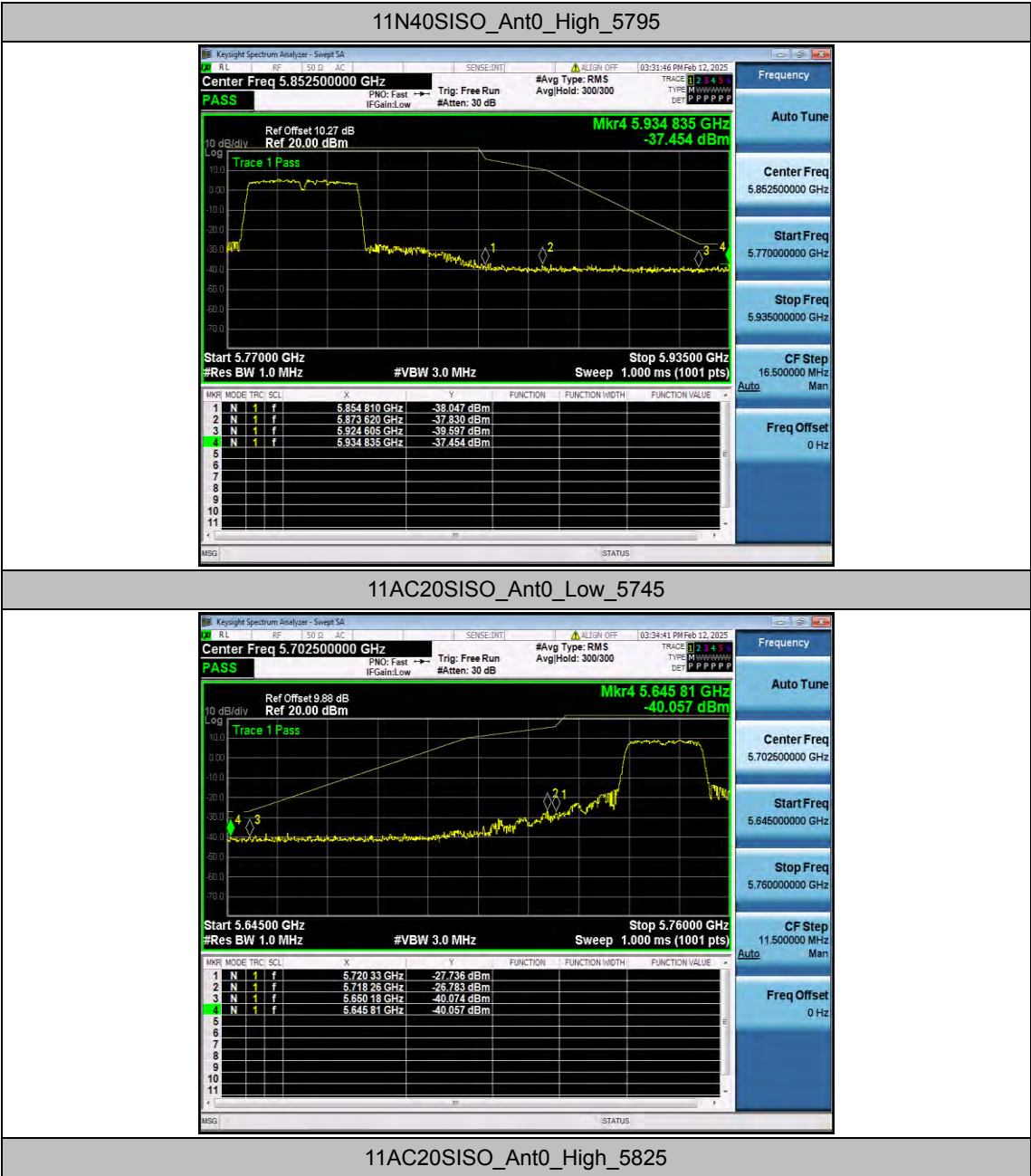


11N20SISO_Ant0_High_5825



11N40SISO_Ant0_Low_5755







11AC40SISO_Ant0_Low_5755



11AC40SISO_Ant0_High_5795



11AC80SISO_Ant0_Low_5775



11AC80SISO_Ant0_High_5775



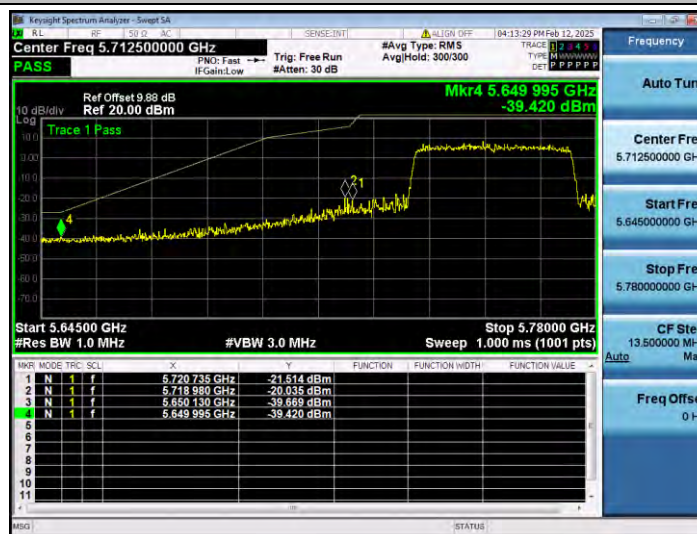
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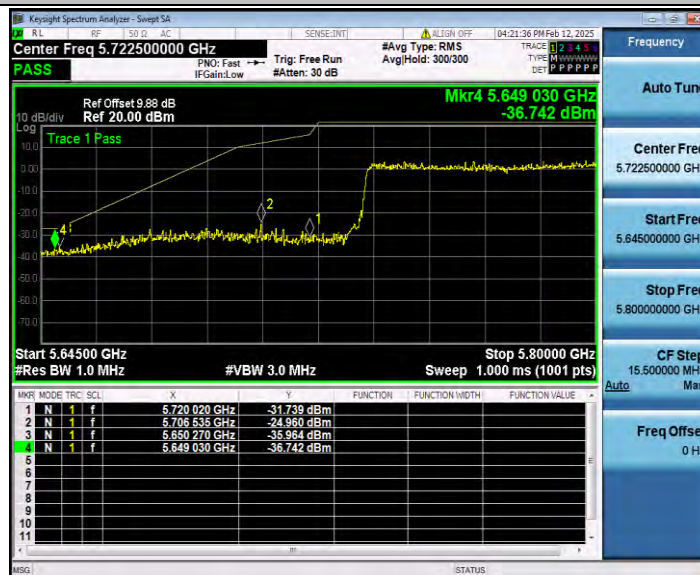
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11AX40SISO_Ant0_High_5795



11AX80SISO_Ant0_Low_5775



11AX80SISO_Ant0_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	Ant0	5745	30~5650	5435.13	-39.83	≤-27	PASS
			5925~27000	26462.59	-32.51	≤-27	PASS
		5785	30~5650	5401.78	-39.48	≤-27	PASS
			5925~27000	23577.42	-31.48	≤-27	PASS
		5825	30~5650	2668.59	-39.56	≤-27	PASS
			5925~27000	26060.06	-31.8	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	4969.23	-40.46	≤-27	PASS
			5925~27000	26520.19	-31.66	≤-27	PASS
		5785	30~5650	2546.07	-40.03	≤-27	PASS
			5925~27000	24191.41	-30.47	≤-27	PASS
		5825	30~5650	5398.41	-39.68	≤-27	PASS
			5925~27000	26463.99	-31.11	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	4900.85	-40.22	≤-27	PASS
			5925~27000	26501.93	-30.92	≤-27	PASS
		5795	30~5650	2630	-38.63	≤-27	PASS
			5925~27000	23502.25	-31.31	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	4927.83	-40.42	≤-27	PASS
			5925~27000	26527.22	-32.11	≤-27	PASS
		5785	30~5650	2729.1	-39.8	≤-27	PASS
			5925~27000	23514.2	-30.95	≤-27	PASS
		5825	30~5650	5622.09	-40.45	≤-27	PASS
			5925~27000	23565.48	-32.45	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	3023.77	-40.41	≤-27	PASS
			5925~27000	24265.17	-32.64	≤-27	PASS
		5795	30~5650	5438.31	-39.85	≤-27	PASS
			5925~27000	25349.83	-31.65	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	5544.34	-40.5	≤-27	PASS
			5925~27000	24149.26	-31.4	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	5483.65	-40.13	≤-27	PASS
			5925~27000	25024.57	-31.79	≤-27	PASS
		5785	30~5650	4886.8	-39.52	≤-27	PASS
			5925~27000	26051.63	-32.32	≤-27	PASS
		5825	30~5650	5422.2	-39.3	≤-27	PASS
			5925~27000	26782.93	-31.29	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	5486.27	-39.96	≤-27	PASS
			5925~27000	23561.97	-32.06	≤-27	PASS

		5795	30~5650	4806.44	-39.62	≤ -27	PASS
			5925~27000	24297.48	-31.89	≤ -27	PASS
11AX80SISO	Ant0	5775	30~5650	5647.75	-38.38	≤ -27	PASS
			5925~27000	26045.3	-31.45	≤ -27	PASS

Test Graphs

11A_Ant0_5745_30~5650



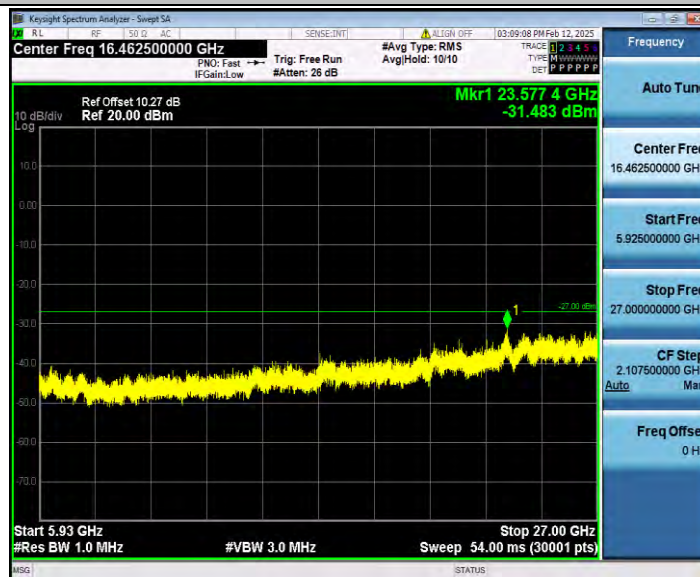
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11A_Ant0_5785_30~5650



11A_Ant0_5785_5925~27000



11A_Ant0_5825_30~5650



11A_Ant0_5825_5925~27000



11N20SISO_Ant0_5745_30~5650



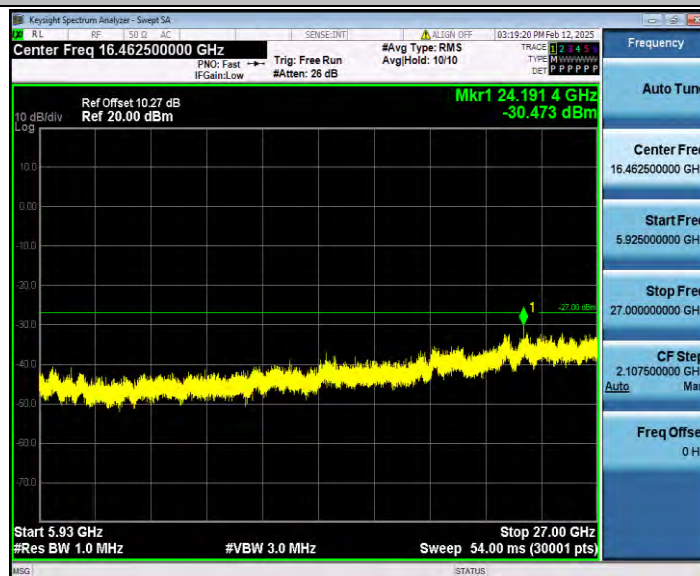
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11N20SISO_Ant0_5785_30~5650



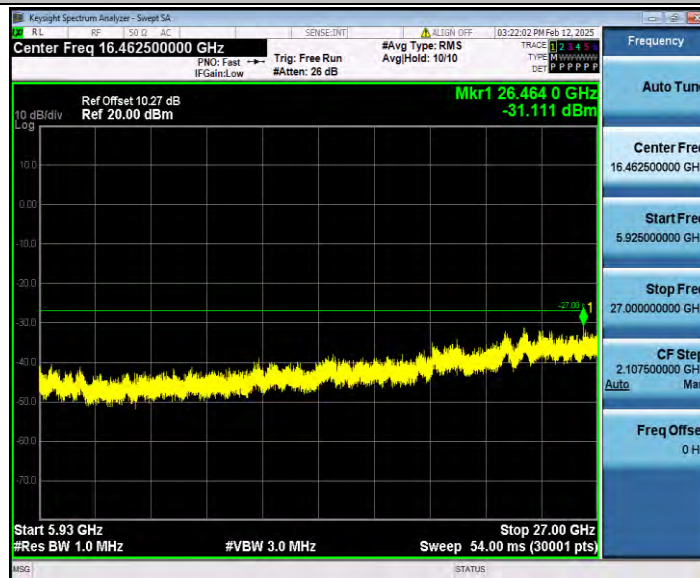
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11N20SISO_Ant0_5825_30~5650



11N20SISO_Ant0_5825_5925~27000



11N40SISO_Ant0_5755_30~5650



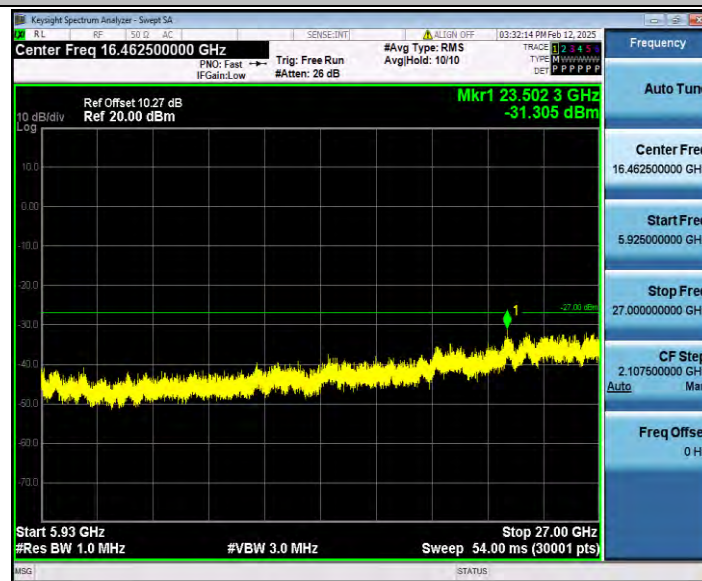
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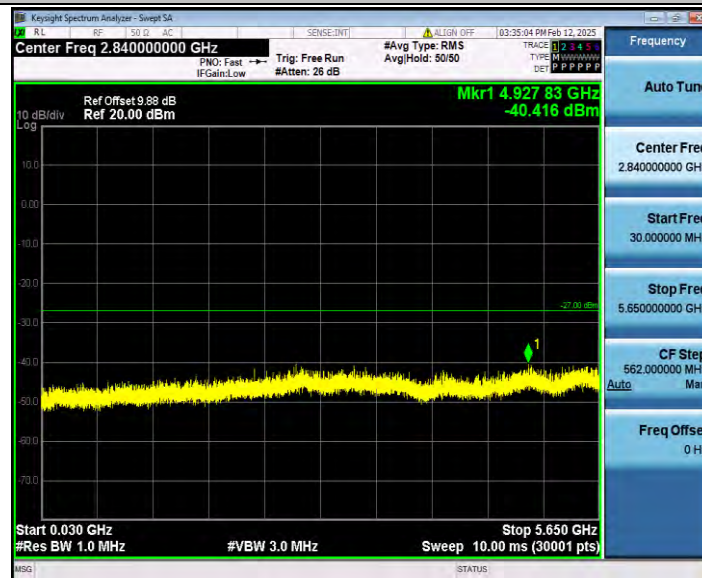
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11N40SISO_Ant0_5795_5925~27000



11AC20SISO_Ant0_5745_30~5650



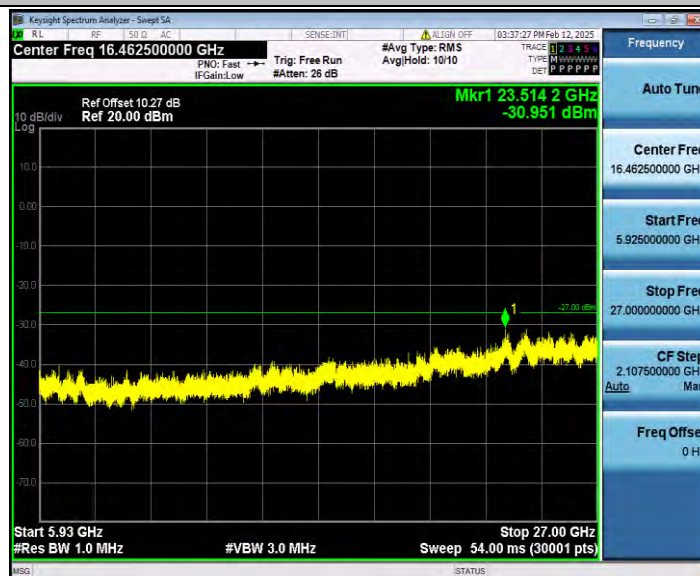
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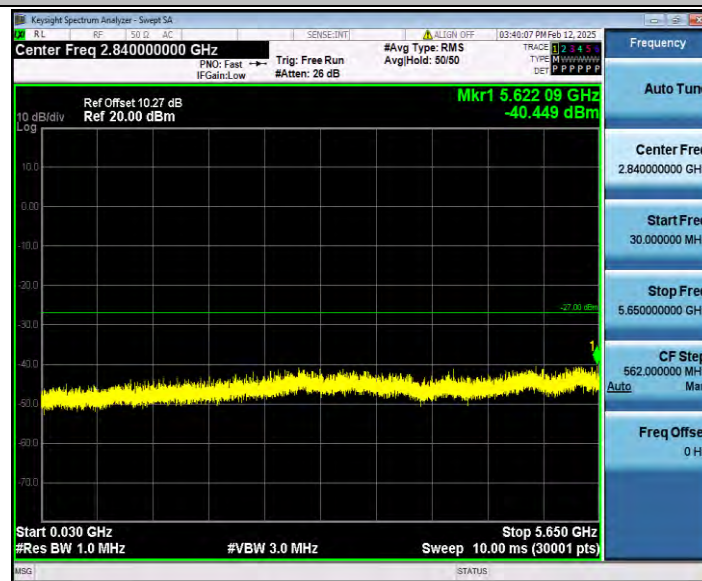
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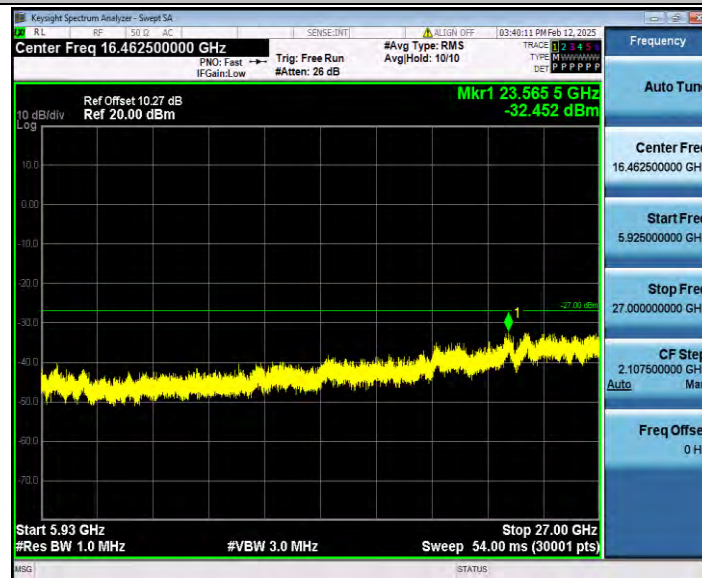
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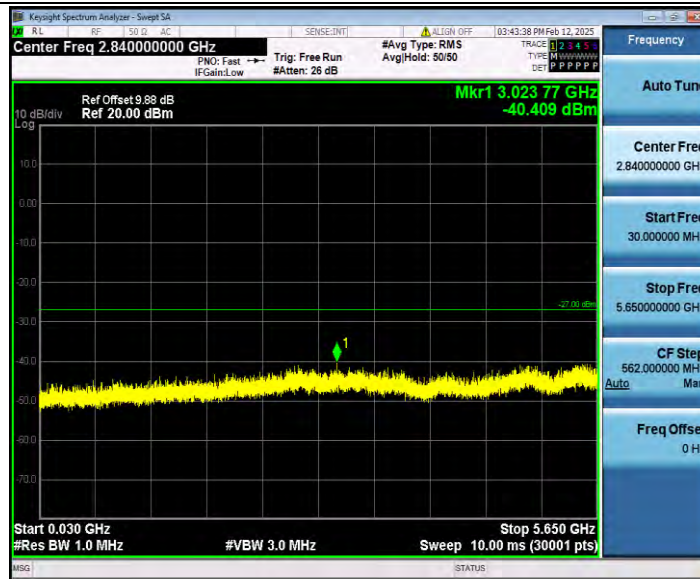
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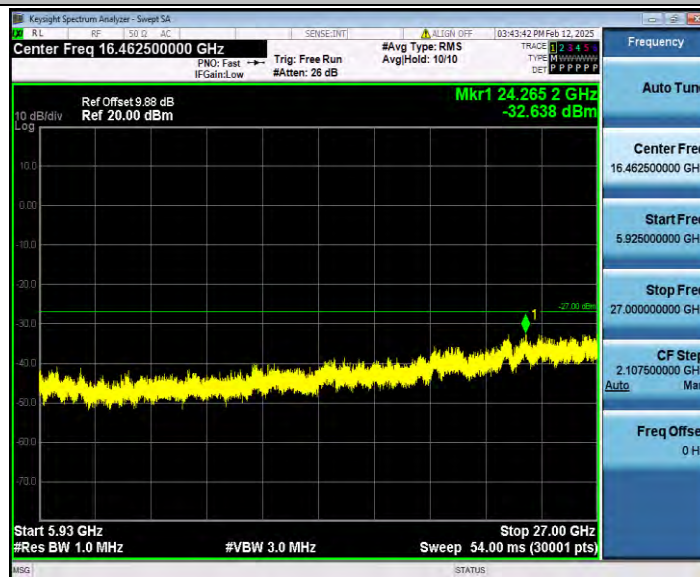
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11AC40SISO_Ant0_5755_30~5650



11AC40SISO_Ant0_5755_5925~27000



11AC40SISO_Ant0_5795_30~5650



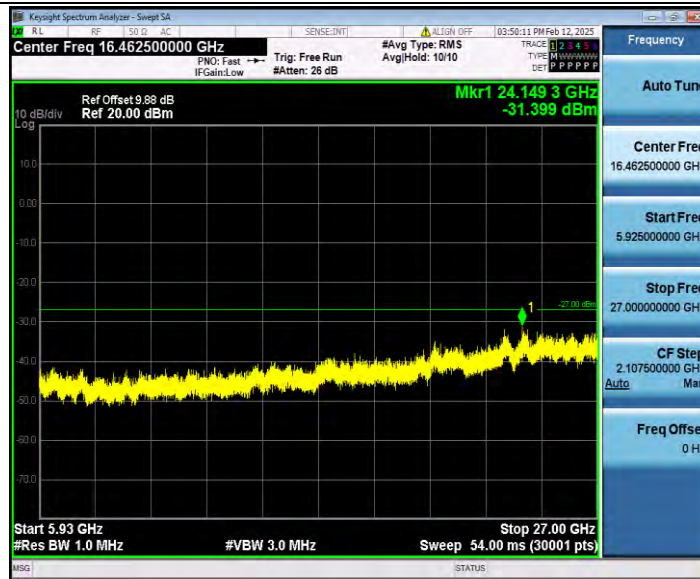
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11AC80SISO_Ant0_5775_30~5650



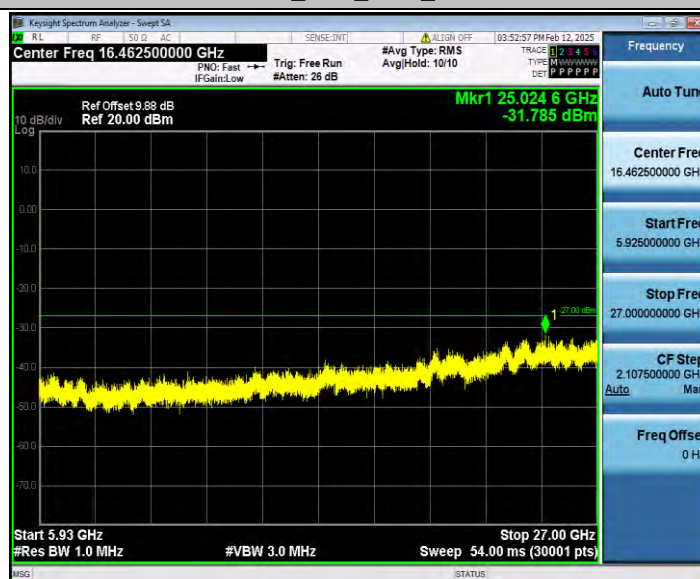
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11AX20SISO_Ant0_5745_30~5650



11AX20SISO_Ant0_5745_5925~27000



11AX20SISO_Ant0_5785_30~5650



11AX20SISO_Ant0_5785_5925~27000



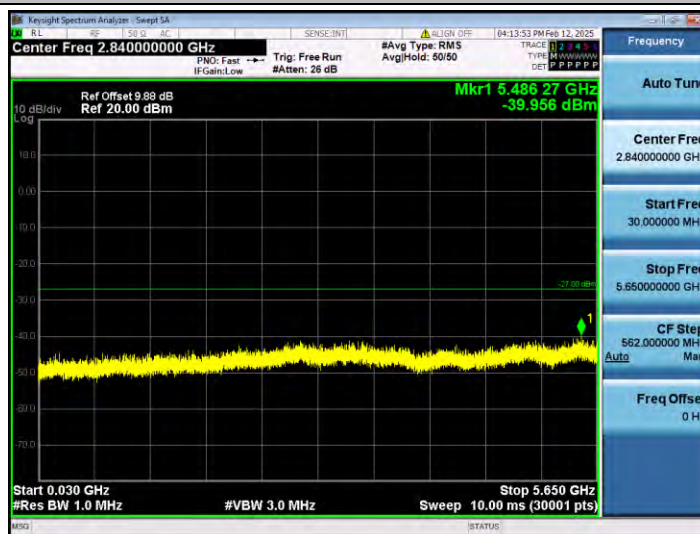
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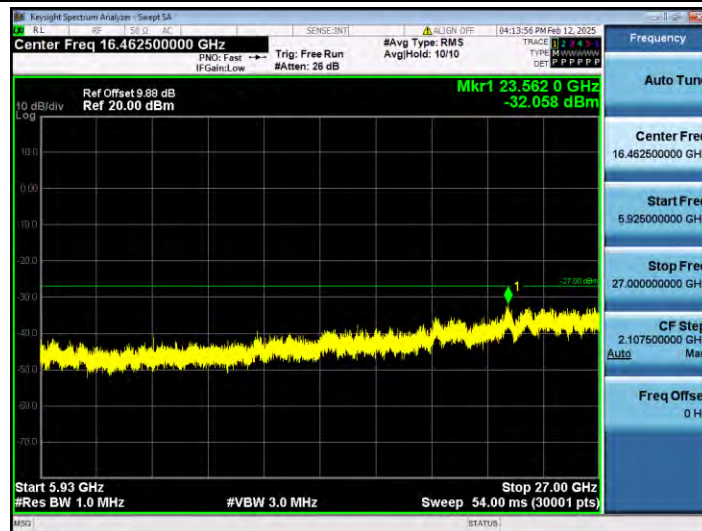
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11AX40SISO_Ant0_5755_30~5650



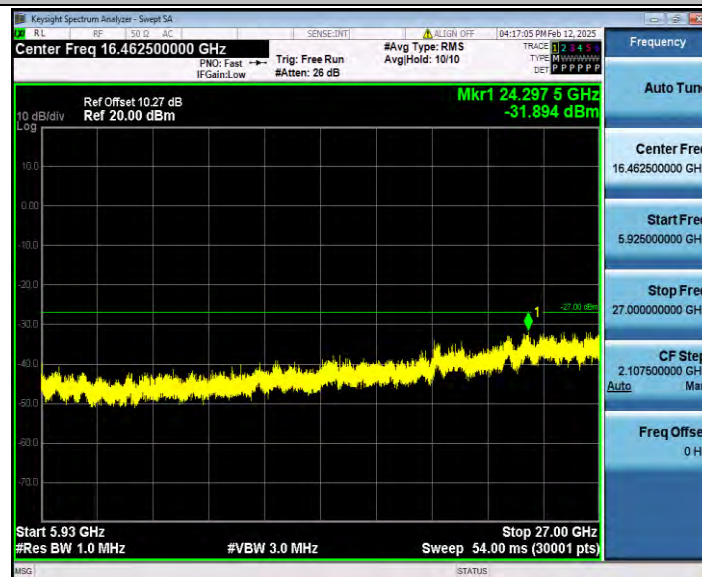
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11AX40SISO_Ant0_5795_30~5650



11AX40SISO_Ant0_5795_5925~27000



11AX80SISO_Ant0_5775_30~5650



11AX80SISO_Ant0_5775_5925~27000

