

Appendix E.4: Maximum conducted output power

Test Result Channel Power

TestMode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	8.60	79.89	0.98	9.58	≤30.00	PASS
		5785	10.37	79.89	0.98	11.35	≤30.00	PASS
		5825	10.89	79.89	0.98	11.87	≤30.00	PASS
11N20SISO	Ant1	5745	7.53	78.79	1.04	8.57	≤30.00	PASS
		5785	9.38	78.79	1.04	10.42	≤30.00	PASS
		5825	9.83	78.79	1.04	10.87	≤30.00	PASS
11N40SISO	Ant1	5755	7.04	65.66	1.83	8.87	≤30.00	PASS
		5795	8.85	65.31	1.85	10.70	≤30.00	PASS
11AC20SISO	Ant1	5745	6.58	65.38	1.85	8.43	≤30.00	PASS
		5785	8.68	66.02	1.80	10.48	≤30.00	PASS
		5825	8.94	65.38	1.85	10.79	≤30.00	PASS
11AC40SISO	Ant1	5755	6.04	49.30	3.07	9.11	≤30.00	PASS
		5795	7.57	49.30	3.07	10.64	≤30.00	PASS
11AC80SISO	Ant1	5775	5.29	36.54	4.37	9.66	≤30.00	PASS
11AX20SISO	Ant1	5745	4.59	38.46	4.15	8.74	≤30.00	PASS
		5785	6.52	38.46	4.15	10.67	≤30.00	PASS
		5825	8.20	60.44	2.19	10.39	≤30.00	PASS
11AX40SISO	Ant1	5755	4.07	47.06	3.27	7.34	≤30.00	PASS
		5795	5.82	48.53	3.14	8.96	≤30.00	PASS
11AX80SISO	Ant1	5775	3.34	34.55	4.62	7.96	≤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	-3.34	≤30.00	PASS
		5785	-1.49	≤30.00	PASS
		5825	-1.04	≤30.00	PASS
11N20SISO	Ant1	5745	-4.58	≤30.00	PASS
		5785	-2.70	≤30.00	PASS
		5825	-2.18	≤30.00	PASS
11N40SISO	Ant1	5755	-7.55	≤30.00	PASS
		5795	-5.56	≤30.00	PASS
11AC20SISO	Ant1	5745	-5.25	≤30.00	PASS
		5785	-3.29	≤30.00	PASS
		5825	-2.93	≤30.00	PASS
11AC40SISO	Ant1	5755	-6.21	≤30.00	PASS
		5795	-4.28	≤30.00	PASS
11AC80SISO	Ant1	5775	-8.89	≤30.00	PASS
11AX20SISO	Ant1	5745	-5.12	≤30.00	PASS
		5785	-3.40	≤30.00	PASS
		5825	-4.02	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.04	≤30.00	PASS
		5795	-6.27	≤30.00	PASS
11AX80SISO	Ant1	5775	-10.74	≤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



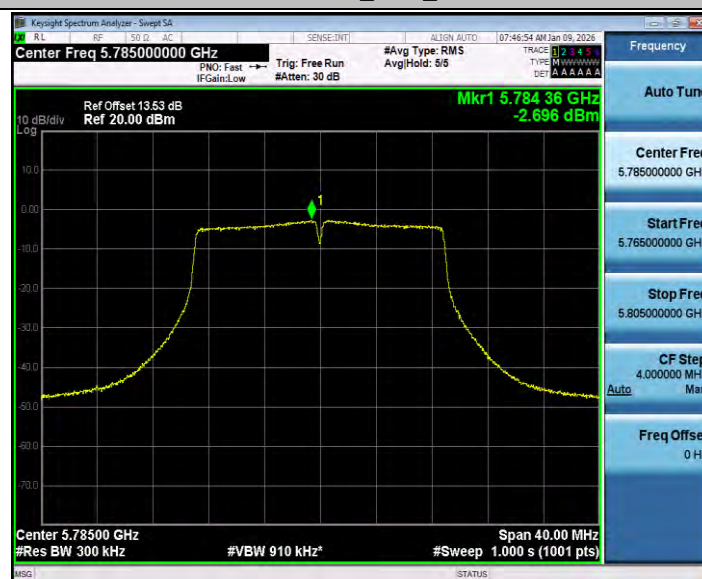
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



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



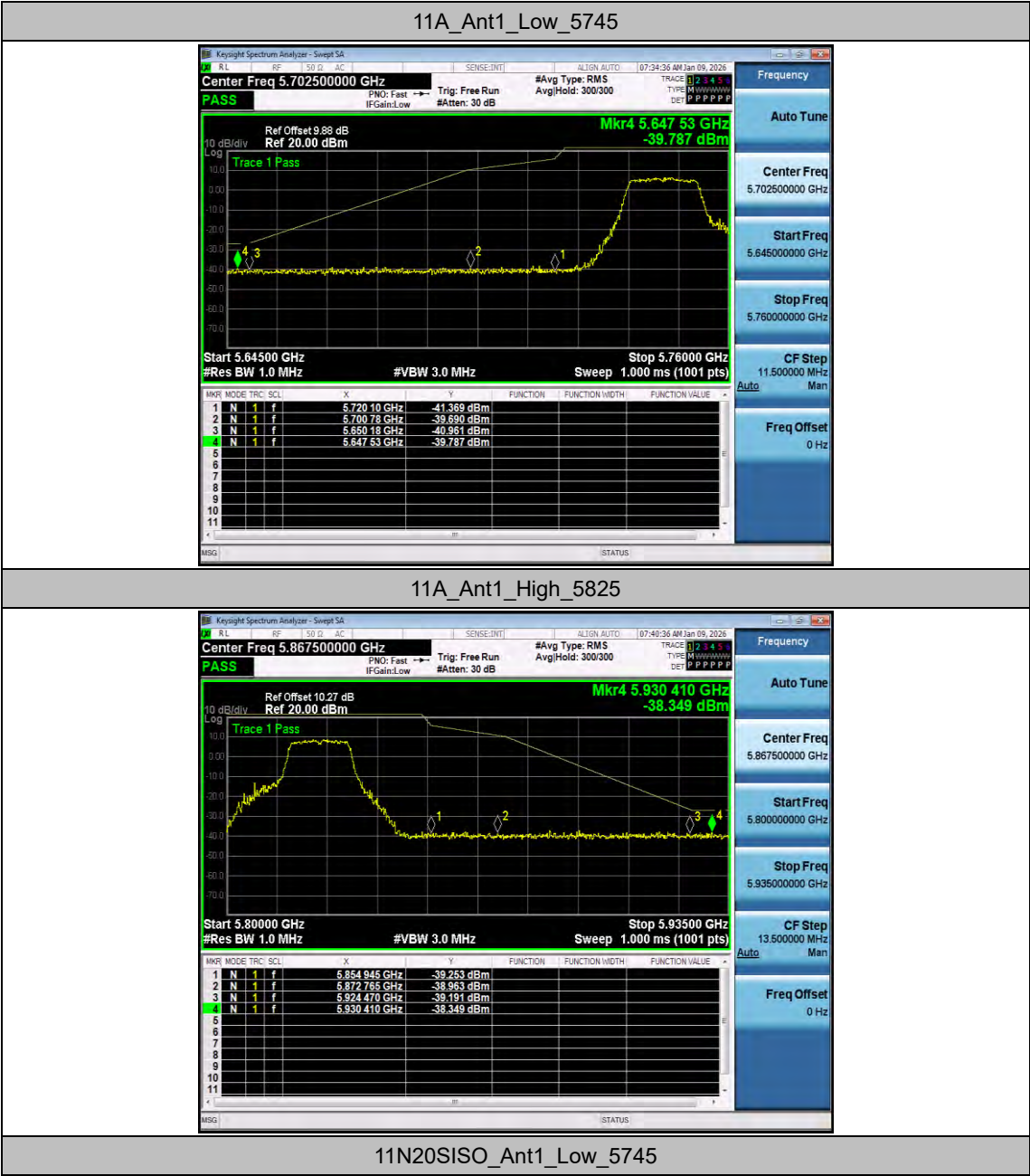
Appendix E.6:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.96	≤-26.87	PASS
				5700~5720	-39.69	≤10.22	PASS
				5720~5725	-41.37	≤15.82	PASS
				5760~5650	-39.79	≤-27	PASS
		High	5825	5850~5855	-39.25	≤15.73	PASS
				5855~5875	-38.96	≤10.63	PASS
				5875~5925	-39.19	≤-26.61	PASS
				5925~5935	-38.35	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.17	≤-26.53	PASS
				5700~5720	-38.52	≤10.06	PASS
				5720~5725	-39.96	≤16.08	PASS
				5760~5650	-39.55	≤-27	PASS
		High	5825	5850~5855	-39.66	≤16.34	PASS
				5855~5875	-37.16	≤11.42	PASS
				5875~5925	-39.26	≤-26.91	PASS
				5925~5935	-38.49	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-40.69	≤-26.90	PASS
				5700~5720	-38.95	≤10.63	PASS
				5720~5725	-37.27	≤16.66	PASS
				5780~5650	-40.15	≤-27	PASS
		High	5795	5850~5855	-37.49	≤17.16	PASS
				5855~5875	-39.12	≤10.11	PASS
				5875~5925	-39.39	≤-26.59	PASS
				5925~5935	-37.86	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.9	≤-25.85	PASS
				5700~5720	-40.12	≤10.15	PASS
				5720~5725	-39.04	≤16.34	PASS
				5760~5650	-39.64	≤-27	PASS
		High	5825	5850~5855	-40.62	≤15.73	PASS
				5855~5875	-38.76	≤10.25	PASS
				5875~5925	-39.43	≤-26.41	PASS
				5925~5935	-38.79	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.6	≤-26.40	PASS
				5700~5720	-40.64	≤10.06	PASS
				5720~5725	-38.16	≤16.04	PASS
				5780~5650	-40.1	≤-27	PASS

		High	5795	5850~5855	-38.95	≤ 15.66	PASS
				5855~5875	-38.45	≤ 10.20	PASS
				5875~5925	-39.37	≤ -26.46	PASS
				5925~5935	-38.38	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-40.48	≤ -26.91	PASS
				5700~5720	-33.84	≤ 10.92	PASS
				5720~5725	-35.71	≤ 15.65	PASS
				5800~5650	-39.39	≤ -27	PASS
		High	5775	5850~5855	-37.54	≤ 16.26	PASS
				5855~5875	-35.33	≤ 11.07	PASS
				5875~5925	-39.67	≤ -26.87	PASS
				5925~5935	-38.57	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.08	≤ -26.10	PASS
				5700~5720	-38.04	≤ 10.25	PASS
				5720~5725	-39.9	≤ 16.08	PASS
				5760~5650	-39.49	≤ -27	PASS
		High	5825	5850~5855	-39.2	≤ 15.73	PASS
				5855~5875	-39.08	≤ 10.47	PASS
				5875~5925	-39.06	≤ -26.91	PASS
				5925~5935	-38.77	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-40.19	≤ -25.90	PASS
				5700~5720	-39.82	≤ 10.21	PASS
				5720~5725	-39.09	≤ 16.04	PASS
				5780~5650	-40.03	≤ -27	PASS
		High	5795	5850~5855	-40.04	≤ 16.03	PASS
				5855~5875	-37.58	≤ 10.25	PASS
				5875~5925	-39.14	≤ -26.46	PASS
				5925~5935	-38.45	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-40.29	≤ -26.69	PASS
				5700~5720	-37.89	≤ 10.14	PASS
				5720~5725	-35.26	≤ 15.65	PASS
				5800~5650	-39.46	≤ -27	PASS
		High	5775	5850~5855	-38.05	≤ 15.84	PASS
				5855~5875	-38.14	≤ 10.04	PASS
				5875~5925	-39.13	≤ -25.91	PASS
				5925~5935	-37.84	≤ -27	PASS

Test Graphs





11N20SISO_Ant1_High_5825



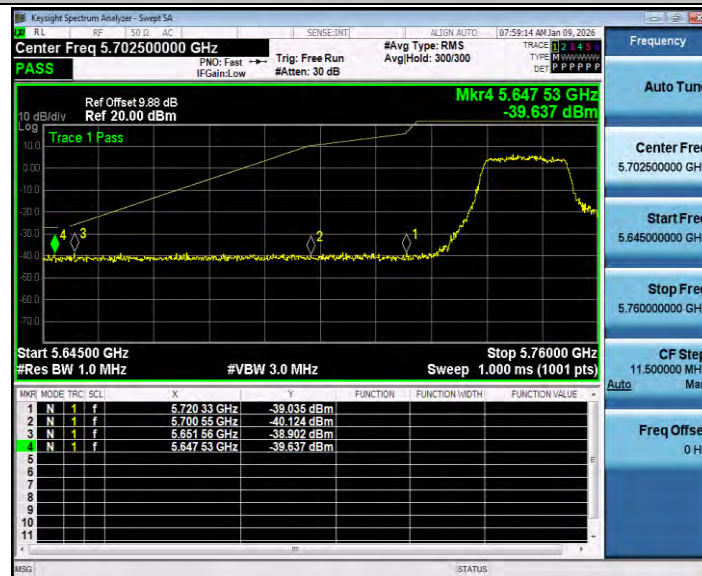
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11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795





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	5017.38	-40.26	≤-27	PASS
			5925~27000	24244.8	-32.09	≤-27	PASS
		5785	30~5650	2627.94	-39.79	≤-27	PASS
			5925~27000	24275.71	-31.76	≤-27	PASS
		5825	30~5650	3341.49	-39.37	≤-27	PASS
			5925~27000	23455.89	-31.74	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5392.79	-39.93	≤-27	PASS
			5925~27000	24195.62	-31.66	≤-27	PASS
		5785	30~5650	2112.02	-39.5	≤-27	PASS
			5925~27000	25236.73	-31.62	≤-27	PASS
		5825	30~5650	3313.58	-39.96	≤-27	PASS
			5925~27000	24257.44	-31.89	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	3071.73	-39.72	≤-27	PASS
			5925~27000	26457.67	-32.11	≤-27	PASS
		5795	30~5650	5427.82	-39.43	≤-27	PASS
			5925~27000	25672.28	-31.89	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	3352.54	-40.79	≤-27	PASS
			5925~27000	24264.47	-32.24	≤-27	PASS
		5785	30~5650	4970.73	-39.16	≤-27	PASS
			5925~27000	25492.44	-32.1	≤-27	PASS
		5825	30~5650	5413.21	-40.1	≤-27	PASS
			5925~27000	24292.57	-31.78	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	2649.86	-40.51	≤-27	PASS
			5925~27000	26499.12	-32.07	≤-27	PASS
		5795	30~5650	4987.21	-39.97	≤-27	PASS
			5925~27000	24292.57	-31.22	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	2655.66	-39.26	≤-27	PASS
			5925~27000	24289.05	-32.33	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5490.58	-40.09	≤-27	PASS
			5925~27000	26454.16	-32.33	≤-27	PASS
		5785	30~5650	5457.23	-40.12	≤-27	PASS
			5925~27000	24298.89	-32.22	≤-27	PASS
		5825	30~5650	2774.06	-39.92	≤-27	PASS
			5925~27000	23534.57	-32.39	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	2631.5	-40.02	≤-27	PASS
			5925~27000	24912.17	-32.06	≤-27	PASS

		5795	30~5650	3053.75	-38.82	≤ -27	PASS
			5925~27000	25639.26	-31.45	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5466.41	-40.35	≤ -27	PASS
			5925~27000	26930.45	-31.43	≤ -27	PASS

Test Graphs

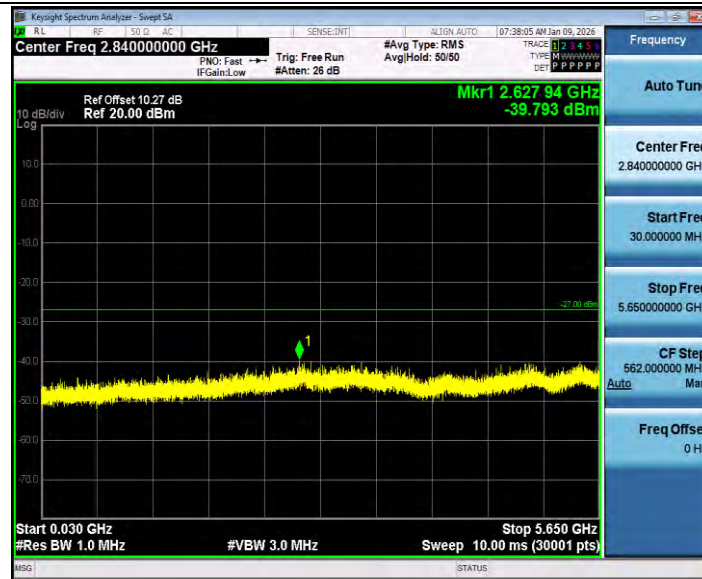
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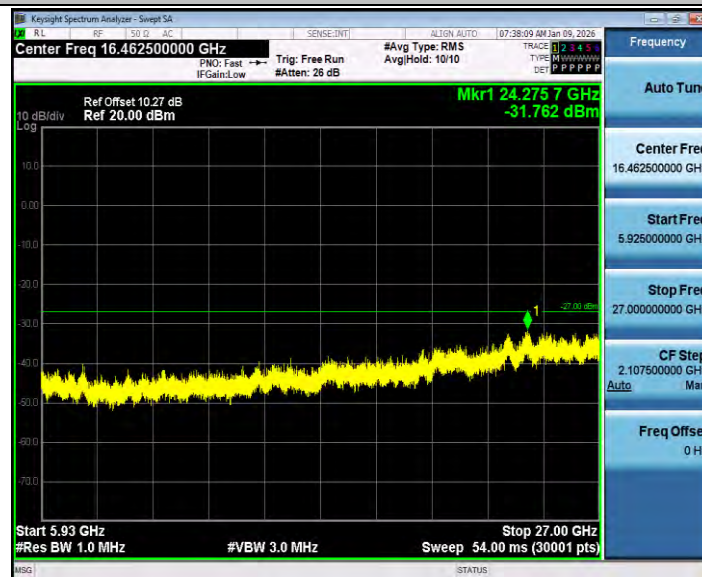
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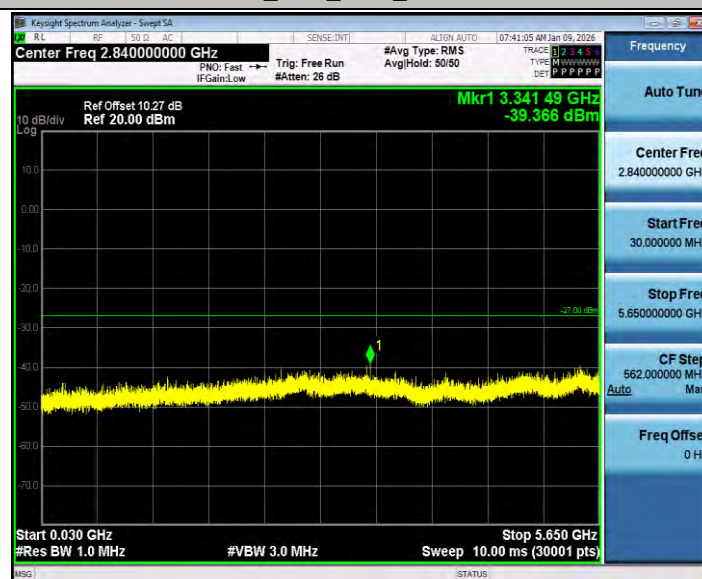
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11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



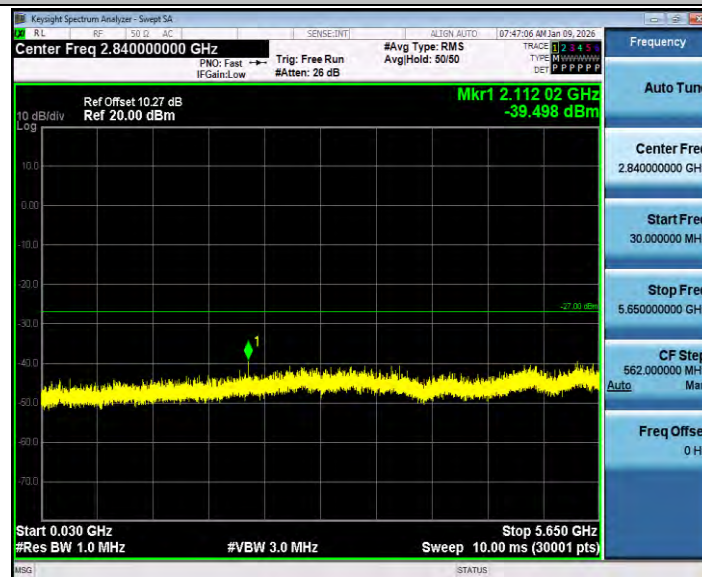
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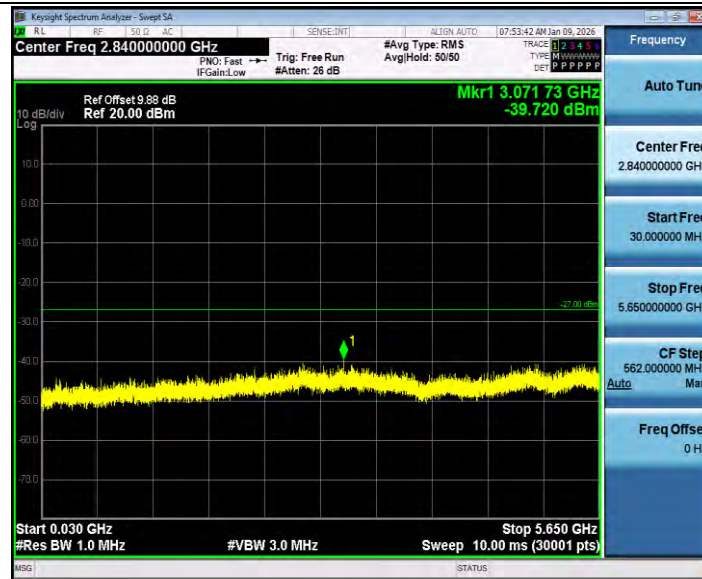
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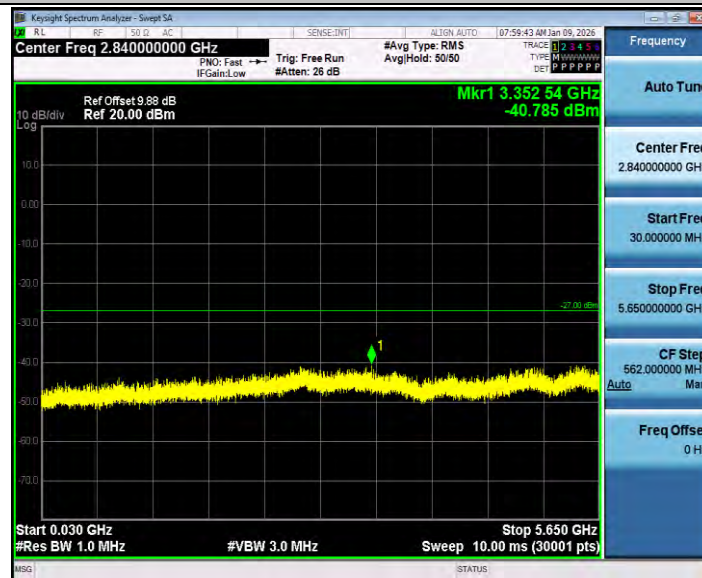
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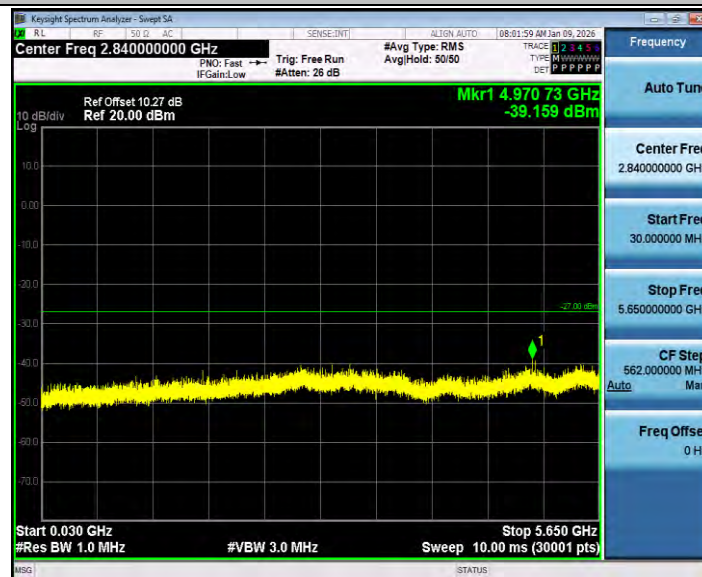
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11AC20SISO_Ant1_5785_30~5650



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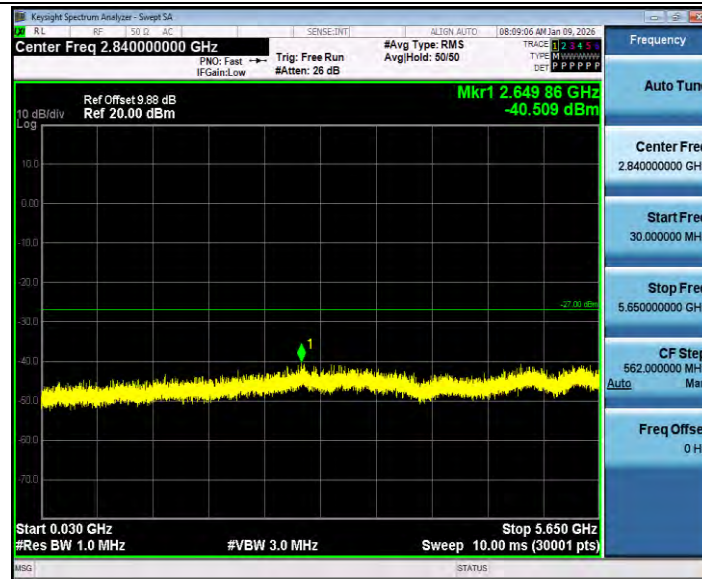
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11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



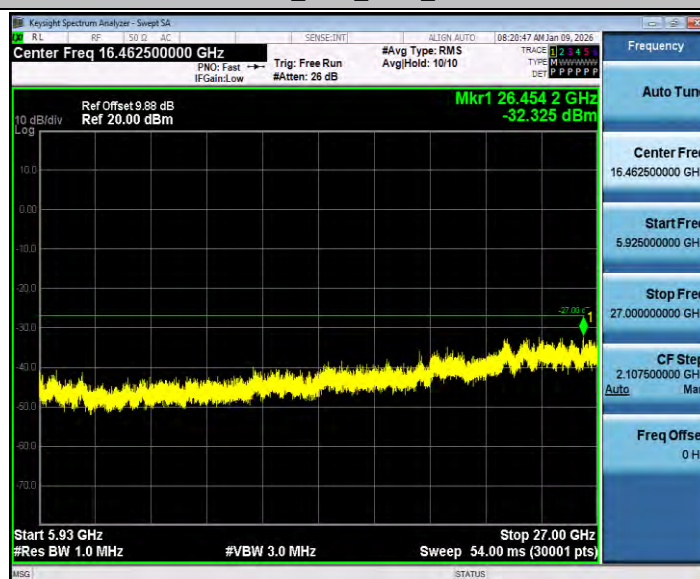
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11AX20SISO_Ant1_5745_30~5650



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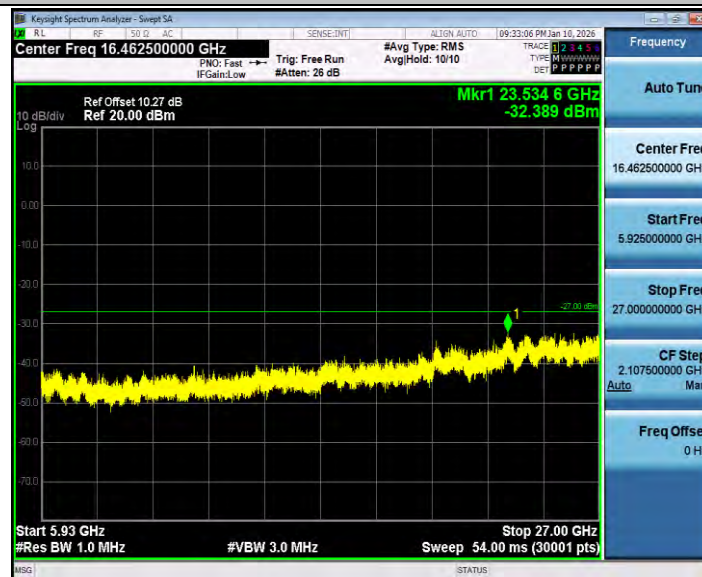
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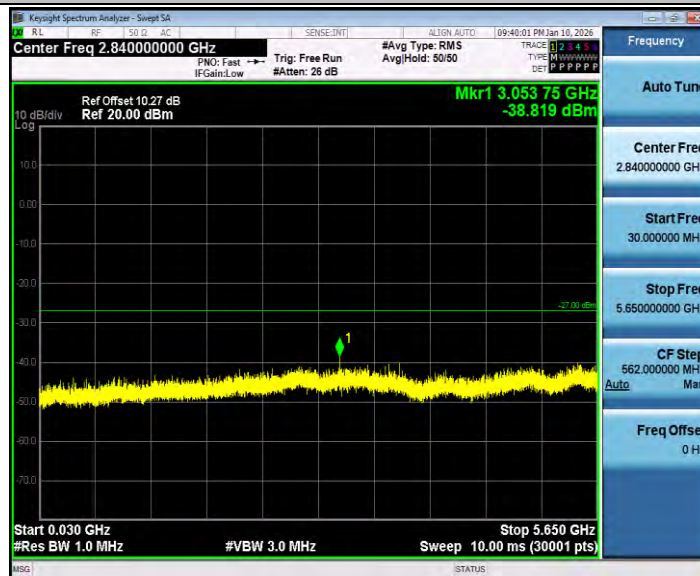
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11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000

