

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	Ant0	5745	11.35	79.89	0.98	12.33	≤30.00	PASS
		5785	13.28	79.89	0.98	14.26	≤30.00	PASS
		5825	15.89	79.89	0.98	16.87	≤30.00	PASS
11N20SISO	Ant0	5745	10.22	78.79	1.04	11.26	≤30.00	PASS
		5785	12.13	78.79	1.04	13.17	≤30.00	PASS
		5825	12.12	78.79	1.04	13.16	≤30.00	PASS
11N40SISO	Ant0	5755	9.77	64.00	1.94	11.71	≤30.00	PASS
		5795	10.91	64.00	1.94	12.85	≤30.00	PASS
11AC20SISO	Ant0	5745	8.90	65.38	1.85	10.75	≤30.00	PASS
		5785	10.65	65.38	1.85	12.50	≤30.00	PASS
		5825	10.83	66.02	1.80	12.63	≤30.00	PASS
11AC40SISO	Ant0	5755	8.05	50.70	2.95	11.00	≤30.00	PASS
		5795	9.70	49.30	3.07	12.77	≤30.00	PASS
11AC80SISO	Ant0	5775	7.00	36.54	4.37	11.37	≤30.00	PASS
11AX20SISO	Ant0	5745	6.91	37.74	4.23	11.14	≤30.00	PASS
		5785	8.47	38.46	4.15	12.62	≤30.00	PASS
		5825	8.51	37.74	4.23	12.74	≤30.00	PASS
11AX40SISO	Ant0	5755	7.09	37.74	4.23	11.32	≤30.00	PASS
		5795	8.94	39.62	4.02	12.96	≤30.00	PASS
11AX80SISO	Ant0	5775	7.22	34.55	4.62	11.84	≤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	-0.98	≤30.00	PASS
		5785	0.66	≤30.00	PASS
		5825	3.62	≤30.00	PASS
11N20SISO	Ant0	5745	-2.34	≤30.00	PASS
		5785	-0.64	≤30.00	PASS
		5825	-0.44	≤30.00	PASS
11N40SISO	Ant0	5755	-4.99	≤30.00	PASS
		5795	-3.52	≤30.00	PASS
11AC20SISO	Ant0	5745	-3.42	≤30.00	PASS
		5785	-1.74	≤30.00	PASS
		5825	-1.74	≤30.00	PASS
11AC40SISO	Ant0	5755	-4.61	≤30.00	PASS
		5795	-2.60	≤30.00	PASS
11AC80SISO	Ant0	5775	-7.26	≤30.00	PASS
11AX20SISO	Ant0	5745	-3.10	≤30.00	PASS
		5785	-1.42	≤30.00	PASS
		5825	-1.37	≤30.00	PASS
11AX40SISO	Ant0	5755	-4.72	≤30.00	PASS
		5795	-3.16	≤30.00	PASS
11AX80SISO	Ant0	5775	-6.91	≤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 Factorand RBW Factoriscompensatedinthegraph.

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



11AC20SISO_Ant0_5745



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



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775



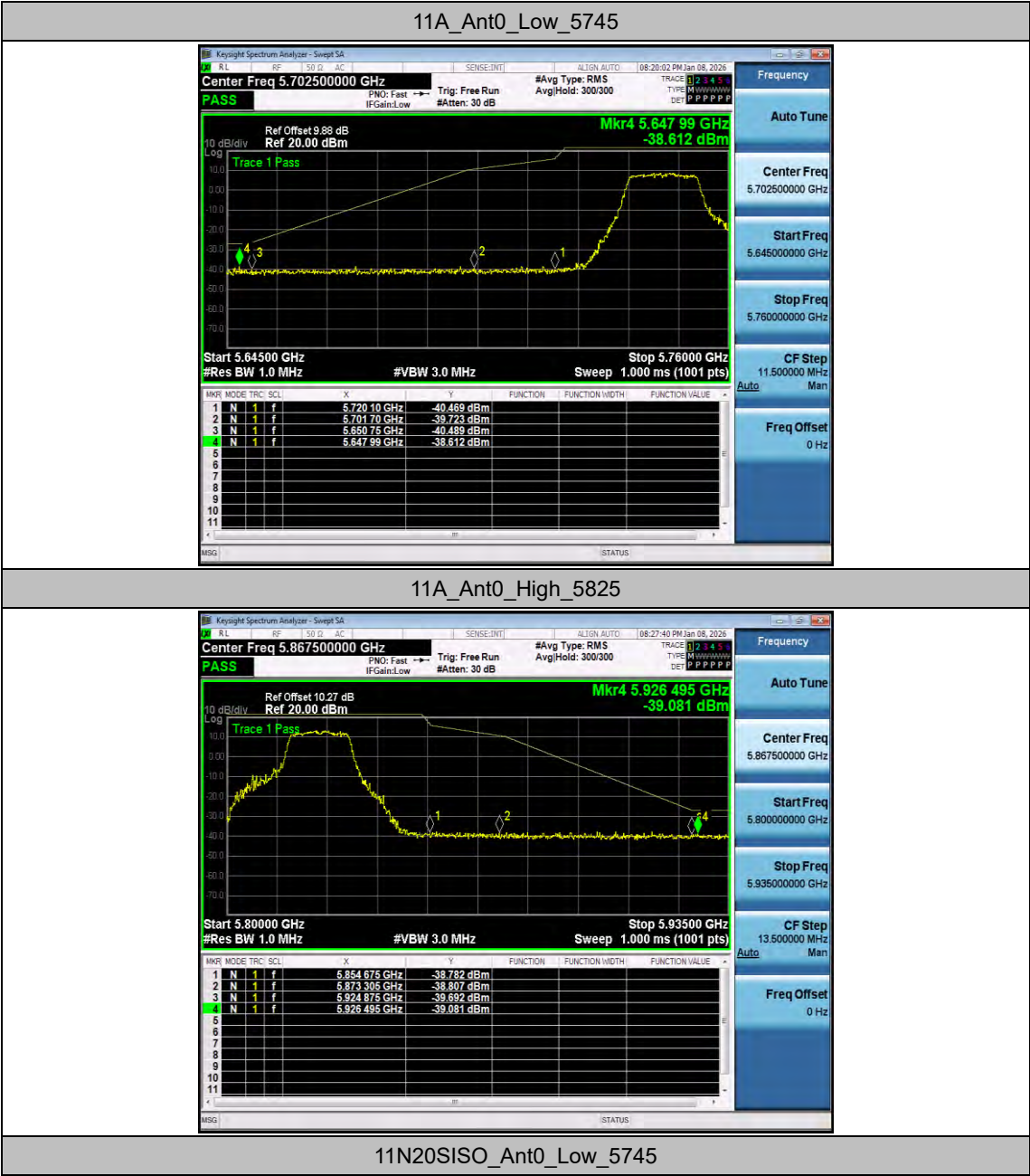
Appendix E.6:Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-40.49	≤-26.45	PASS
				5700~5720	-39.72	≤10.47	PASS
				5720~5725	-40.47	≤15.82	PASS
				5760~5650	-38.61	≤-27	PASS
		High	5825	5850~5855	-38.78	≤16.34	PASS
				5855~5875	-38.81	≤10.47	PASS
				5875~5925	-39.69	≤-26.91	PASS
				5925~5935	-39.08	≤-27	PASS
11N20SI SO	Ant0	Low	5745	5650~5700	-39.46	≤-26.02	PASS
				5700~5720	-39.61	≤10.86	PASS
				5720~5725	-39.86	≤16.87	PASS
				5760~5650	-40.1	≤-27	PASS
		High	5825	5850~5855	-39.49	≤15.73	PASS
				5855~5875	-39.39	≤10.21	PASS
				5875~5925	-39.5	≤-26.91	PASS
				5925~5935	-38.72	≤-27	PASS
11N40SI SO	Ant0	Low	5755	5650~5700	-39.88	≤-26.80	PASS
				5700~5720	-39.21	≤10.17	PASS
				5720~5725	-37.08	≤17.28	PASS
				5780~5650	-40.02	≤-27	PASS
		High	5795	5850~5855	-34.55	≤19.42	PASS
				5855~5875	-38.34	≤10.34	PASS
				5875~5925	-38.77	≤-26.34	PASS
				5925~5935	-38.48	≤-27	PASS
11AC20S ISO	Ant0	Low	5745	5650~5700	-41.17	≤-26.96	PASS
				5700~5720	-39.86	≤10.35	PASS
				5720~5725	-39.81	≤16.08	PASS
				5760~5650	-39.53	≤-27	PASS
		High	5825	5850~5855	-38.44	≤16.34	PASS
				5855~5875	-38.22	≤10.21	PASS
				5875~5925	-38.67	≤-26.61	PASS
				5925~5935	-37.92	≤-27	PASS
11AC40S ISO	Ant0	Low	5755	5650~5700	-39.85	≤-26.80	PASS
				5700~5720	-39.92	≤10.02	PASS
				5720~5725	-38.25	≤17.28	PASS
				5780~5650	-37.91	≤-27	PASS

		High	5795	5850~5855	-40.12	≤ 15.66	PASS
				5855~5875	-38.56	≤ 10.02	PASS
				5875~5925	-38.6	≤ -26.95	PASS
				5925~5935	-38.15	≤ -27	PASS
11AC80S ISO	Ant0	Low	5775	5650~5700	-39.98	≤ -26.46	PASS
				5700~5720	-35.05	≤ 11.35	PASS
				5720~5725	-36.04	≤ 16.00	PASS
				5800~5650	-39.44	≤ -27	PASS
		High	5775	5850~5855	-37.02	≤ 15.84	PASS
				5855~5875	-36.95	≤ 10.92	PASS
				5875~5925	-40.2	≤ -26.73	PASS
				5925~5935	-37.01	≤ -27	PASS
11AX20SI SO	Ant0	Low	5745	5650~5700	-39.41	≤ -26.87	PASS
				5700~5720	-40.69	≤ 10.02	PASS
				5720~5725	-40.22	≤ 16.08	PASS
				5760~5650	-40.62	≤ -27	PASS
		High	5825	5850~5855	-38.67	≤ 16.03	PASS
				5855~5875	-38.57	≤ 10.02	PASS
				5875~5925	-40.02	≤ -26.91	PASS
				5925~5935	-38.61	≤ -27	PASS
11AX40SI SO	Ant0	Low	5755	5650~5700	-40.48	≤ -26.40	PASS
				5700~5720	-40.43	≤ 10.25	PASS
				5720~5725	-37.77	≤ 15.74	PASS
				5780~5650	-39.05	≤ -27	PASS
		High	5795	5850~5855	-38.99	≤ 16.41	PASS
				5855~5875	-39.1	≤ 10.06	PASS
				5875~5925	-38.99	≤ -26.83	PASS
				5925~5935	-38.96	≤ -27	PASS
11AX80SI SO	Ant0	Low	5775	5650~5700	-38.42	≤ -25.08	PASS
				5700~5720	-36.36	≤ 11.44	PASS
				5720~5725	-36.21	≤ 16.71	PASS
				5800~5650	-39.73	≤ -27	PASS
		High	5775	5850~5855	-37.23	≤ 16.68	PASS
				5855~5875	-37.32	≤ 10.71	PASS
				5875~5925	-39	≤ -26.73	PASS
				5925~5935	-38.92	≤ -27	PASS

Test Graphs



11A_Ant0_High_5825

Frequency

Auto Tune

Center Freq
5.86750000 GHzStart Freq
5.80000000 GHzStop Freq
5.93500000 GHzCF Step
13.500000 MHz
AutoFreq Offset
0 Hz

11N20SISO_Ant0_Low_5745



11N20SISO_Ant0_High_5825



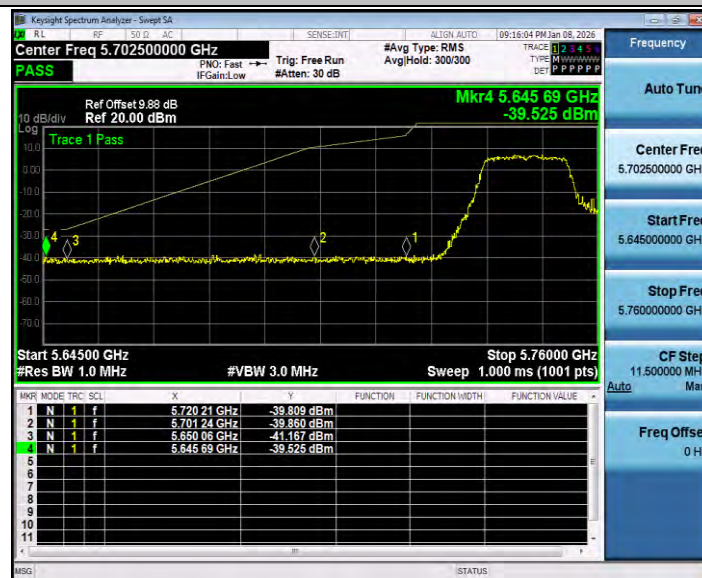
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11N40SISO_Ant0_High_5795



11AC20SISO_Ant0_Low_5745



11AC20SISO_Ant0_High_5825



11AC40SISO_Ant0_Low_5755



11AC40SISO_Ant0_High_5795



11AC80SISO_Ant0_Low_5775



11AC80SISO_Ant0_High_5775



11AX20SISO_Ant0_Low_5745



11AX20SISO_Ant0_High_5825



11AX40SISO_Ant0_Low_5755



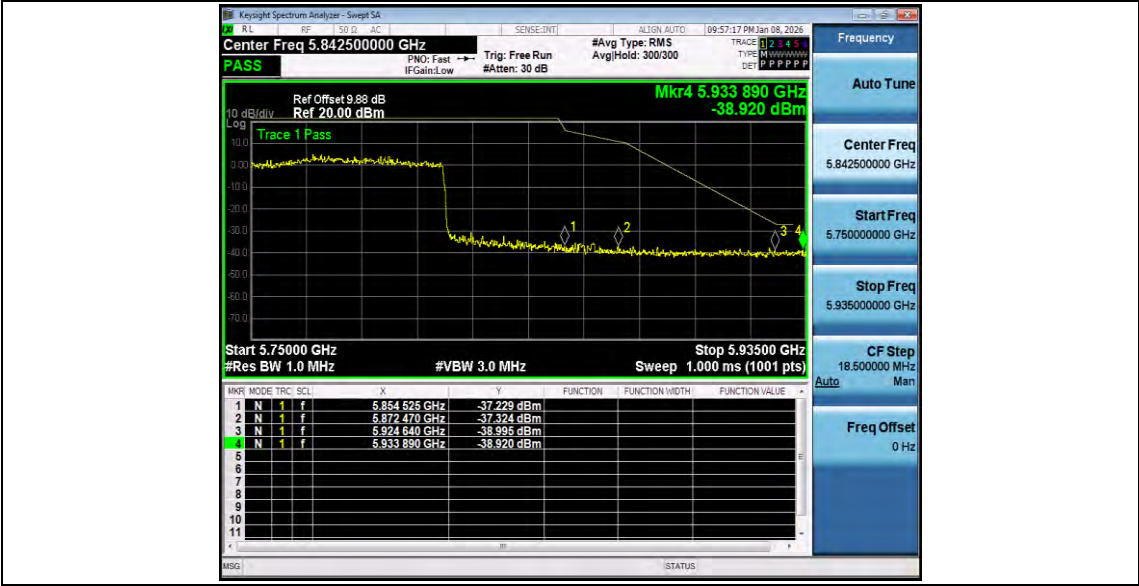
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11AX80SISO_Ant0_Low_5775



11AX80SISO_Ant0_High_5775



Appendix E.7:Conducted Spurious Emission

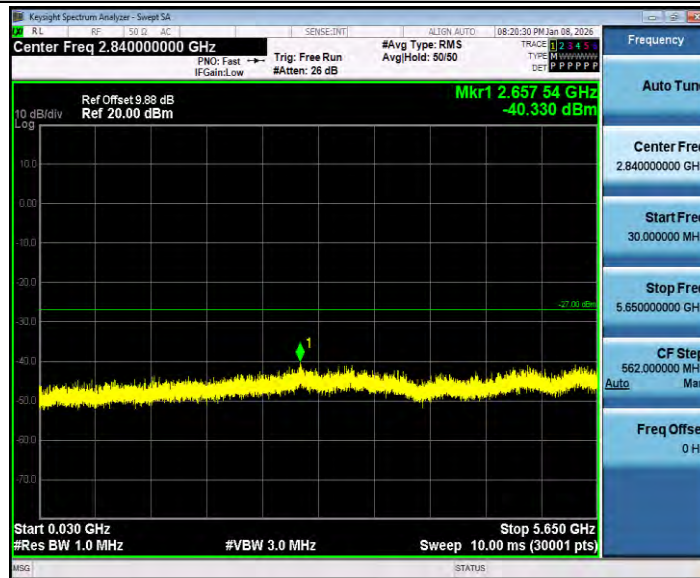
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	30~5650	2657.54	-40.33	≤-27	PASS
			5925~27000	24770.27	-32.15	≤-27	PASS
		5785	30~5650	4999.02	-39.76	≤-27	PASS
			5925~27000	24262.36	-32.57	≤-27	PASS
		5825	30~5650	3144.23	-40.54	≤-27	PASS
			5925~27000	23545.81	-32.48	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	5448.43	-40.78	≤-27	PASS
			5925~27000	25676.49	-32.1	≤-27	PASS
		5785	30~5650	5481.4	-39.83	≤-27	PASS
			5925~27000	24311.53	-31.9	≤-27	PASS
		5825	30~5650	3263.19	-40.2	≤-27	PASS
			5925~27000	25211.44	-31.04	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	4759.04	-40.67	≤-27	PASS
			5925~27000	24289.05	-32.82	≤-27	PASS
		5795	30~5650	4925.77	-38.23	≤-27	PASS
			5925~27000	23554.94	-32.25	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	2893.95	-40.69	≤-27	PASS
			5925~27000	24922.01	-32.15	≤-27	PASS
		5785	30~5650	5072.45	-40.36	≤-27	PASS
			5925~27000	25238.13	-31.26	≤-27	PASS
		5825	30~5650	3306.09	-40.15	≤-27	PASS
			5925~27000	24261.66	-31.62	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	2881.21	-40.58	≤-27	PASS
			5925~27000	26998.6	-31.23	≤-27	PASS
		5795	30~5650	2562.93	-39.81	≤-27	PASS
			5925~27000	23529.65	-32.15	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	5509.87	-39.55	≤-27	PASS
			5925~27000	23542.3	-31.74	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	2492.68	-40.51	≤-27	PASS
			5925~27000	26015.1	-32.18	≤-27	PASS
		5785	30~5650	3151.91	-39.75	≤-27	PASS
			5925~27000	24192.81	-31.62	≤-27	PASS
		5825	30~5650	5417.14	-39.26	≤-27	PASS
			5925~27000	25253.59	-32.14	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	5435.5	-40.19	≤-27	PASS
			5925~27000	26982.44	-31.71	≤-27	PASS

		5795	30~5650	2313.22	-40.36	≤-27	PASS
			5925~27000	24178.76	-31.62	≤-27	PASS
11AX80SISO	Ant0	5775	30~5650	5411.15	-40.06	≤-27	PASS
			5925~27000	24874.94	-32.61	≤-27	PASS

Test Graphs

11A_Ant0_5745_30~5650



11A_Ant0_5745_5925~27000



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



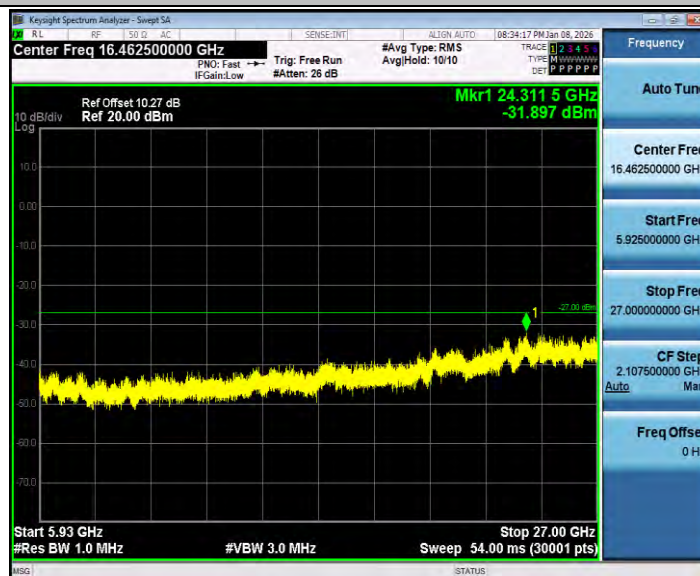
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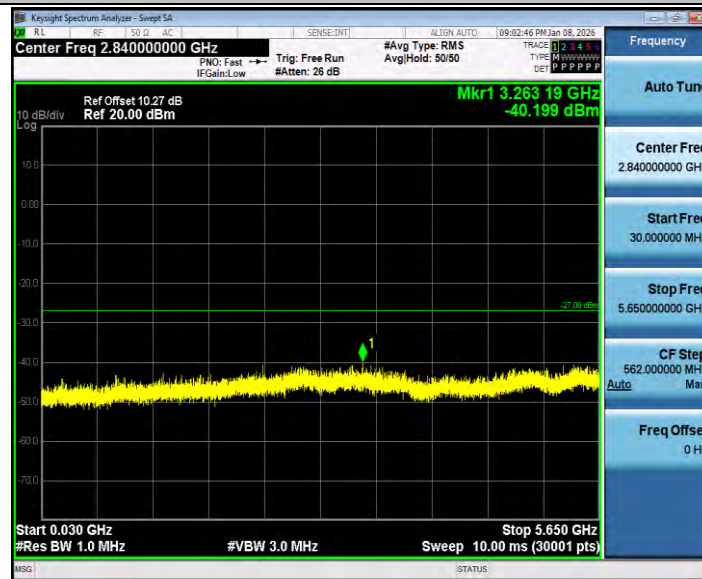
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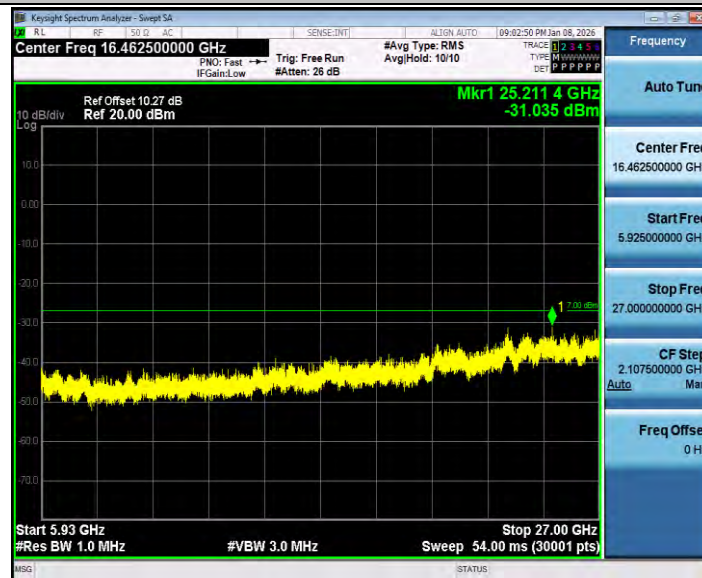
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11N20SISO_Ant0_5825_30~5650



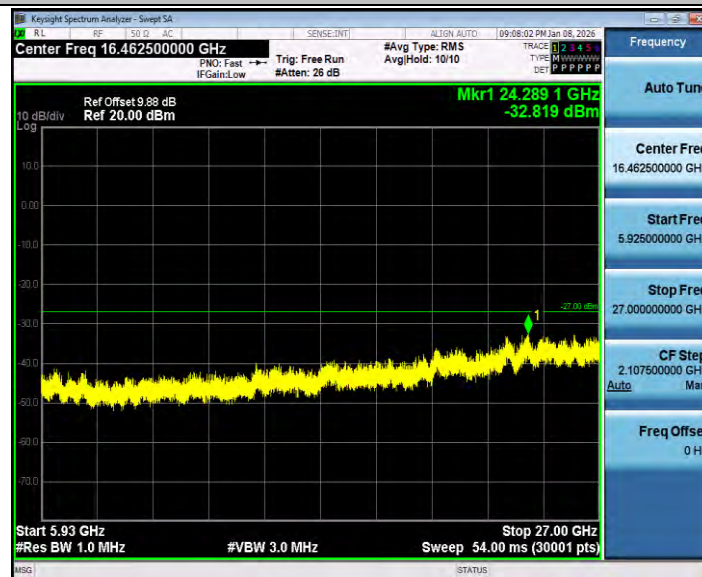
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11N40SISO_Ant0_5755_30~5650



11N40SISO_Ant0_5755_5925~27000



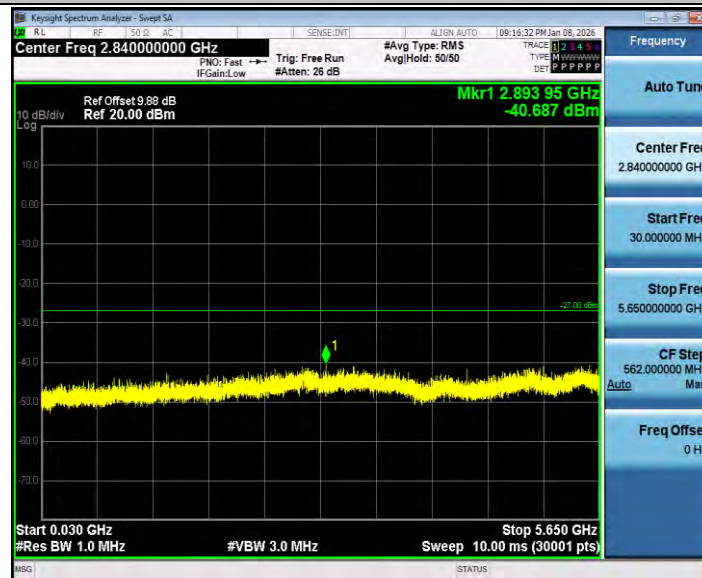
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11N40SISO_Ant0_5795_5925~27000



11AC20SISO_Ant0_5745_30~5650



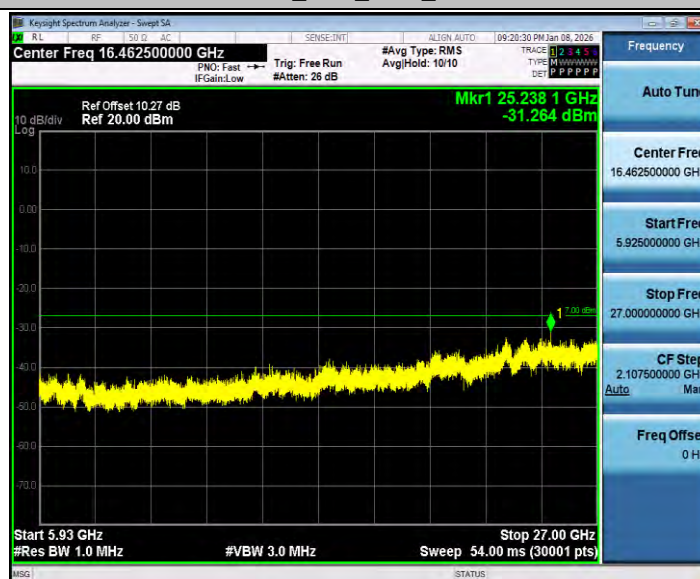
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11AC20SISO_Ant0_5785_30~5650



11AC20SISO_Ant0_5785_5925~27000



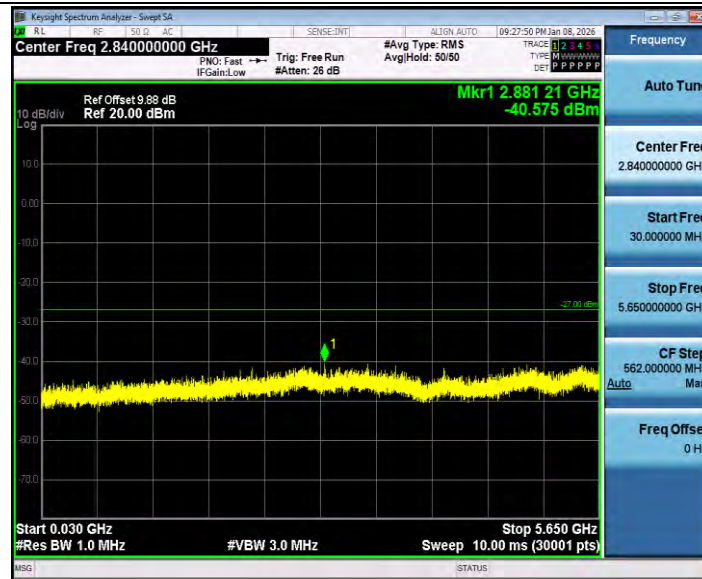
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11AC20SISO_Ant0_5825_5925~27000



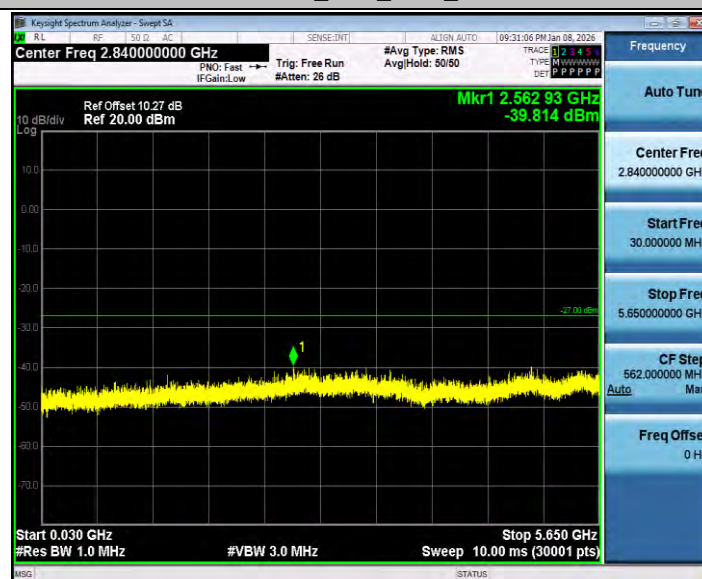
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11AC40SISO_Ant0_5755_5925~27000



11AC40SISO_Ant0_5795_30~5650



11AC40SISO_Ant0_5795_5925~27000



11AC80SISO_Ant0_5775_30~5650



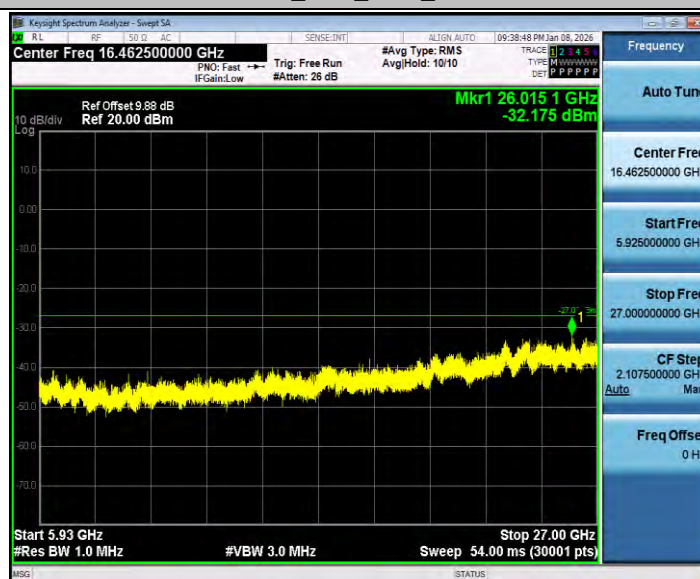
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11AX20SISO_Ant0_5745_30~5650



11AX20SISO_Ant0_5745_5925~27000



11AX20SISO_Ant0_5785_30~5650



11AX20SISO_Ant0_5785_5925~27000



11AX20SISO_Ant0_5825_30~5650



11AX20SISO_Ant0_5825_5925~27000



11AX40SISO_Ant0_5755_30~5650



11AX40SISO_Ant0_5755_5925~27000



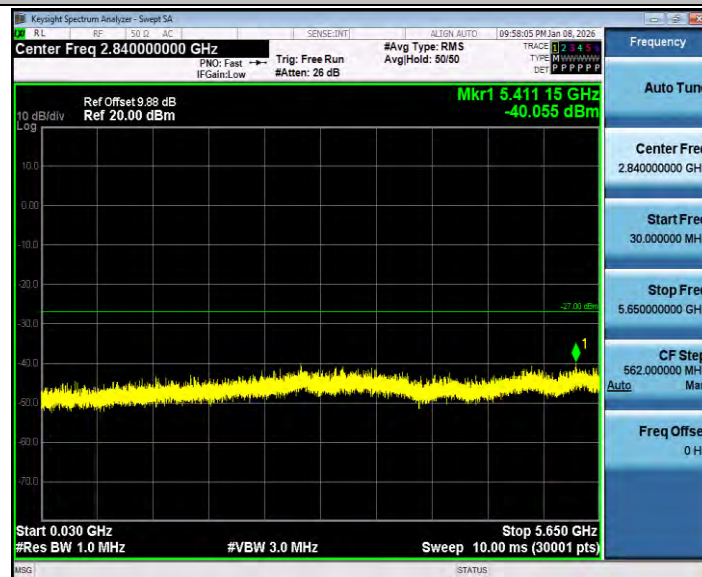
11AX40SISO_Ant0_5795_30~5650



11AX40SISO_Ant0_5795_5925~27000



11AX80SISO_Ant0_5775_30~5650



11AX80SISO_Ant0_5775_5925~27000

