

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	11.60	93.33	0.30	11.90	≤30.00	PASS
		5785	11.86	93.33	0.30	12.16	≤30.00	PASS
		5825	12.30	93.29	0.30	12.60	≤30.00	PASS
11N20SISO	Ant1	5745	10.44	92.86	0.32	10.76	≤30.00	PASS
		5785	10.75	92.91	0.32	11.07	≤30.00	PASS
		5825	11.13	92.91	0.32	11.45	≤30.00	PASS
11N40SISO	Ant1	5755	10.71	61.90	2.08	12.79	≤30.00	PASS
		5795	11.02	86.67	0.62	11.64	≤30.00	PASS
11AC20SISO	Ant1	5745	11.14	92.91	0.32	11.46	≤30.00	PASS
		5785	11.75	92.96	0.32	12.07	≤30.00	PASS
		5825	12.02	93.62	0.29	12.31	≤30.00	PASS
11AC40SISO	Ant1	5755	10.53	86.67	0.62	11.15	≤30.00	PASS
		5795	11.07	86.84	0.61	11.68	≤30.00	PASS
11AC80SISO	Ant1	5775	10.01	76.74	1.15	11.16	≤30.00	PASS
11AX20SISO	Ant1	5745	8.98	91.07	0.41	9.39	≤30.00	PASS
		5785	8.19	91.07	0.41	8.60	≤30.00	PASS
		5825	8.00	91.07	0.41	8.41	≤30.00	PASS
11AX40SISO	Ant1	5755	8.29	84.62	0.73	9.02	≤30.00	PASS
		5795	8.58	84.38	0.74	9.32	≤30.00	PASS
11AX80SISO	Ant1	5775	7.43	74.36	1.29	8.72	≤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	1.05	≤30.00	PASS
		5785	1.28	≤30.00	PASS
		5825	1.83	≤30.00	PASS
11N20SISO	Ant1	5745	-0.27	≤30.00	PASS
		5785	0.12	≤30.00	PASS
		5825	0.45	≤30.00	PASS
11N40SISO	Ant1	5755	-4.62	≤30.00	PASS
		5795	-5.79	≤30.00	PASS
11AC20SISO	Ant1	5745	0.59	≤30.00	PASS
		5785	1.26	≤30.00	PASS
		5825	1.43	≤30.00	PASS
11AC40SISO	Ant1	5755	-6.31	≤30.00	PASS
		5795	-5.66	≤30.00	PASS
11AC80SISO	Ant1	5775	-8.95	≤30.00	PASS
11AX20SISO	Ant1	5745	-4.51	≤30.00	PASS
		5785	-4.24	≤30.00	PASS
		5825	-4.84	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.52	≤30.00	PASS
		5795	-8.27	≤30.00	PASS
11AX80SISO	Ant1	5775	-11.52	≤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_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 B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.45	≤-26.53	PASS
				5700~5720	-33.3	≤15.40	PASS
				5720~5725	-31.07	≤18.96	PASS
				5760~5650	-40.05	≤-27	PASS
		High	5825	5850~5855	-39.11	≤15.73	PASS
				5855~5875	-38.7	≤10.21	PASS
				5875~5925	-38.19	≤-26.91	PASS
				5925~5935	-38.27	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-37.79	≤-25.59	PASS
				5700~5720	-33.57	≤15.47	PASS
				5720~5725	-29.44	≤21.58	PASS
				5760~5650	-39.44	≤-27	PASS
		High	5825	5850~5855	-38.38	≤15.73	PASS
				5855~5875	-36.76	≤12.25	PASS
				5875~5925	-39.37	≤-26.21	PASS
				5925~5935	-38.3	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.69	≤-26.60	PASS
				5700~5720	-23.36	≤13.12	PASS
				5720~5725	-22.76	≤15.74	PASS
				5780~5650	-39.3	≤-27	PASS
		High	5795	5850~5855	-33.3	≤19.04	PASS
				5855~5875	-30.93	≤14.78	PASS
				5875~5925	-39.59	≤-26.95	PASS
				5925~5935	-38.31	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.47	≤-26.96	PASS
				5700~5720	-32.9	≤15.34	PASS
				5720~5725	-32.24	≤17.91	PASS
				5760~5650	-39.88	≤-27	PASS
		High	5825	5850~5855	-37.87	≤16.03	PASS
				5855~5875	-37.74	≤11.42	PASS
				5875~5925	-38.27	≤-26.81	PASS
				5925~5935	-36.52	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.7	≤-26.60	PASS
				5700~5720	-19.57	≤13.08	PASS
				5720~5725	-21.71	≤16.04	PASS
				5780~5650	-39.47	≤-27	PASS

		High	5795	5850~5855	-37.38	≤ 15.66	PASS
				5855~5875	-34.85	≤ 12.93	PASS
				5875~5925	-39.47	≤ -26.83	PASS
				5925~5935	-38.38	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-37.22	≤ -25.54	PASS
				5700~5720	-27.76	≤ 10.01	PASS
				5720~5725	-25.11	≤ 16.71	PASS
				5800~5650	-36.28	≤ -27	PASS
		High	5775	5850~5855	-28.08	≤ 16.26	PASS
				5855~5875	-26.02	≤ 14.39	PASS
				5875~5925	-38.82	≤ -26.46	PASS
				5925~5935	-36.84	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.75	≤ -26.36	PASS
				5700~5720	-33.02	≤ 15.21	PASS
				5720~5725	-32.14	≤ 16.34	PASS
				5760~5650	-39.92	≤ -27	PASS
		High	5825	5850~5855	-37.53	≤ 16.65	PASS
				5855~5875	-37.82	≤ 10.40	PASS
				5875~5925	-38.35	≤ -26.61	PASS
				5925~5935	-37.69	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-40.05	≤ -26.80	PASS
				5700~5720	-21.99	≤ 14.82	PASS
				5720~5725	-23.95	≤ 16.66	PASS
				5780~5650	-39.43	≤ -27	PASS
		High	5795	5850~5855	-38.01	≤ 16.03	PASS
				5855~5875	-37.13	≤ 10.25	PASS
				5875~5925	-39	≤ -26.71	PASS
				5925~5935	-36.94	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-38.54	≤ -26.91	PASS
				5700~5720	-26.16	≤ 11.40	PASS
				5720~5725	-27.52	≤ 16.35	PASS
				5800~5650	-38.69	≤ -27	PASS
		High	5775	5850~5855	-31.84	≤ 17.10	PASS
				5855~5875	-32.31	≤ 12.73	PASS
				5875~5925	-39.57	≤ -26.46	PASS
				5925~5935	-38.36	≤ -27	PASS

Test GraphsB4



11A_Ant1_High_5825

Frequency

Auto Tune

Center Freq 5.867500000 GHz

Start Freq 5.800000000 GHz

Stop Freq 5.935000000 GHz

CF Step 13.500000 MHz Auto Man

Freq Offset 0 Hz

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

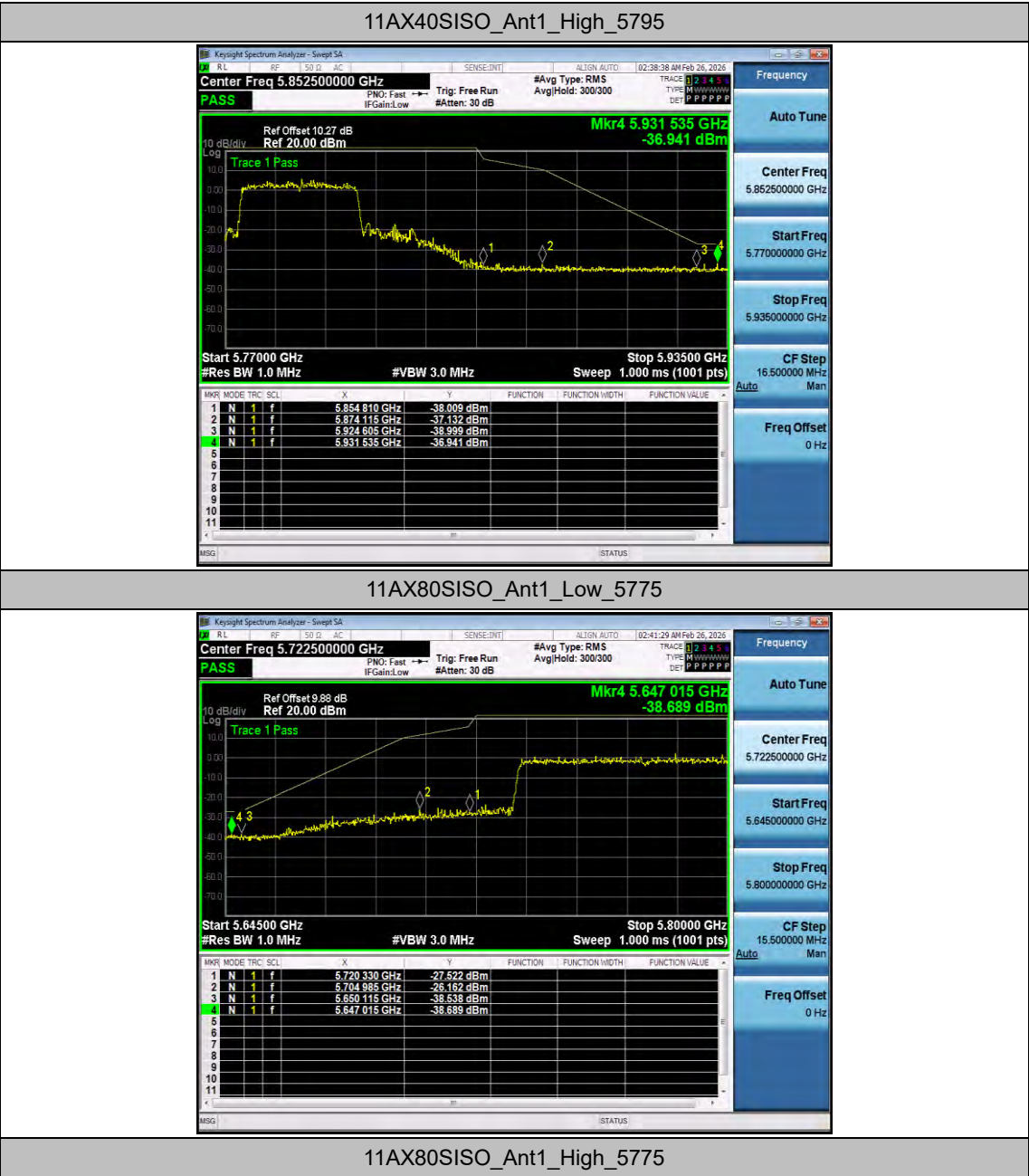


11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755







Appendix E.7:Conducted Spurious Emission

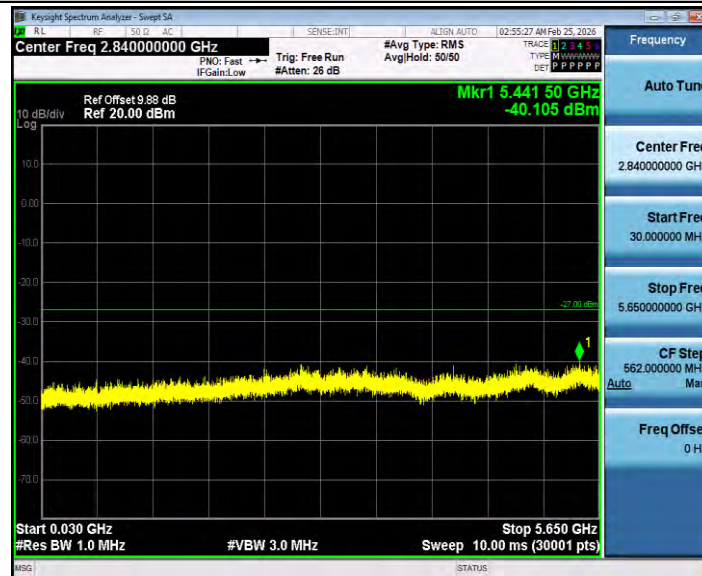
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5441.5	-40.11	≤-27	PASS
			5925~27000	24201.24	-31.48	≤-27	PASS
		5785	30~5650	3333.06	-40.28	≤-27	PASS
			5925~27000	26027.04	-31.4	≤-27	PASS
		5825	30~5650	2676.65	-40.23	≤-27	PASS
			5925~27000	25944.85	-31.24	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5455.92	-40.09	≤-27	PASS
			5925~27000	24821.55	-31.7	≤-27	PASS
		5785	30~5650	5486.65	-39.82	≤-27	PASS
			5925~27000	25083.58	-31.51	≤-27	PASS
		5825	30~5650	5421.83	-40.14	≤-27	PASS
			5925~27000	24819.44	-31.34	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4962.3	-40.01	≤-27	PASS
			5925~27000	26496.31	-32.05	≤-27	PASS
		5795	30~5650	5446.18	-39.73	≤-27	PASS
			5925~27000	26062.16	-31.05	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5500.51	-40.19	≤-27	PASS
			5925~27000	26564.45	-32.22	≤-27	PASS
		5785	30~5650	5421.27	-39.14	≤-27	PASS
			5925~27000	26013.69	-31.56	≤-27	PASS
		5825	30~5650	3049.81	-39.54	≤-27	PASS
			5925~27000	23451.67	-31.49	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5649.25	-40	≤-27	PASS
			5925~27000	24272.19	-31.92	≤-27	PASS
		5795	30~5650	5397.85	-40.07	≤-27	PASS
			5925~27000	24362.11	-31.69	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5628.08	-38.48	≤-27	PASS
			5925~27000	24945.89	-32.58	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5499.76	-40.19	≤-27	PASS
			5925~27000	24201.24	-32.09	≤-27	PASS
		5785	30~5650	2682.83	-40.05	≤-27	PASS
			5925~27000	25565.5	-31.07	≤-27	PASS
		5825	30~5650	2757.2	-40.6	≤-27	PASS
			5925~27000	24288.35	-31.27	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5390.54	-40.62	≤-27	PASS
			5925~27000	25038.62	-32.33	≤-27	PASS

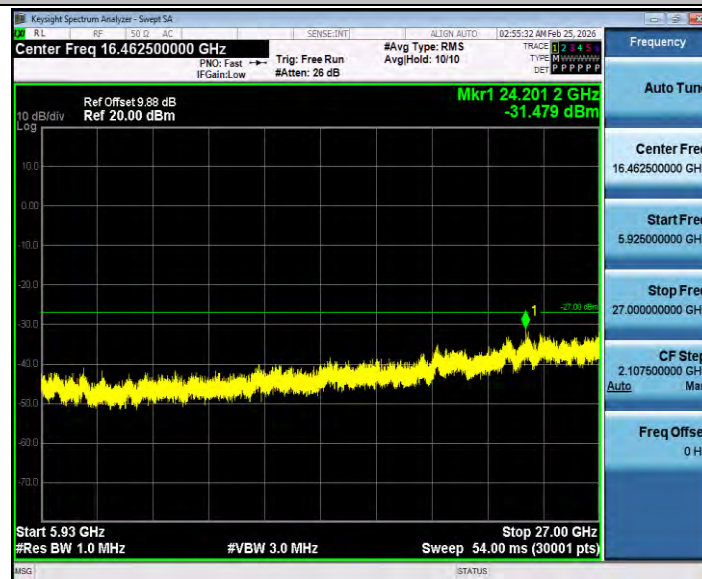
		5795	30~5650	4909.47	-39.92	≤-27	PASS
			5925~27000	26038.28	-30.43	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5647.75	-39.59	≤-27	PASS
			5925~27000	24272.9	-31.15	≤-27	PASS

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



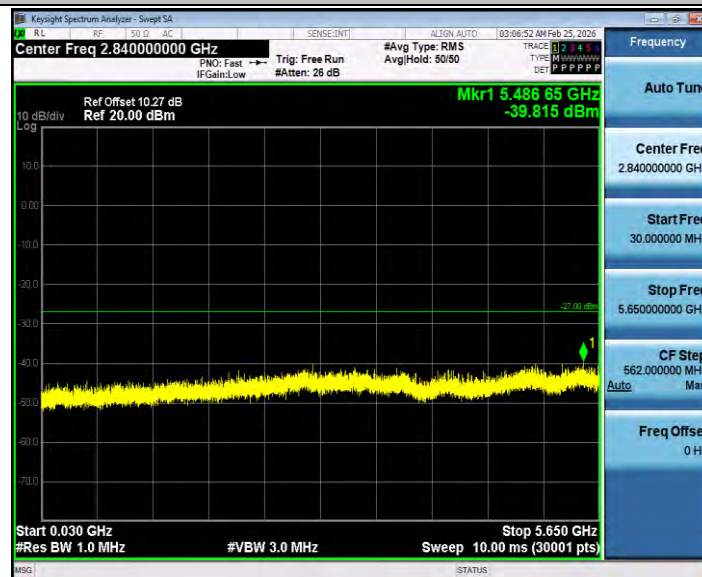
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11N20SISO_Ant1_5745_5925~27000



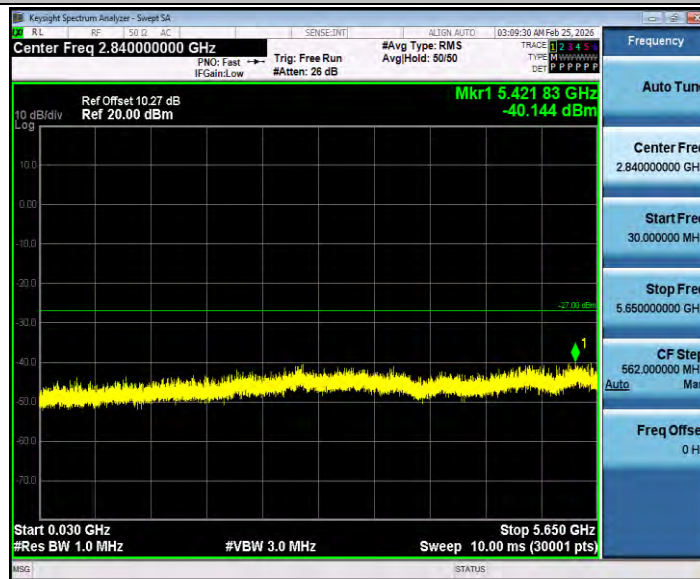
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



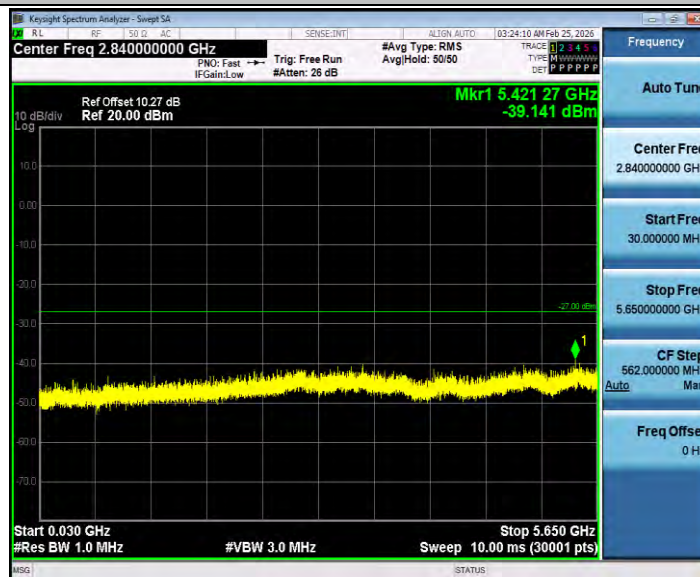
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11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



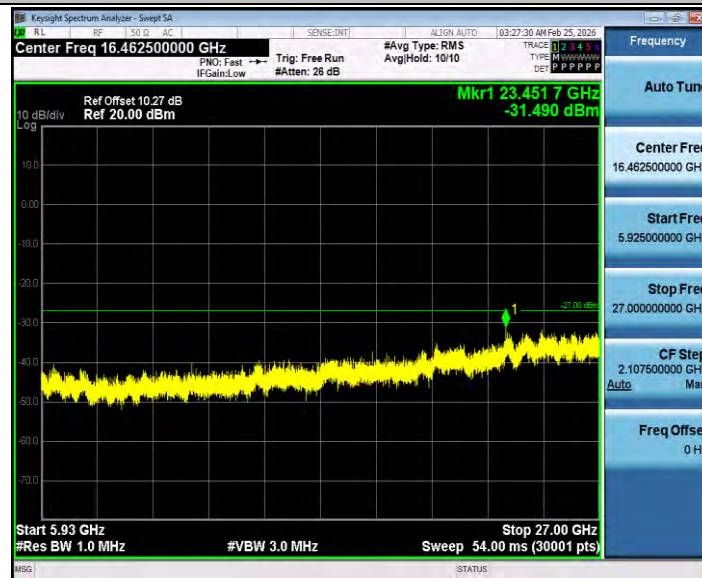
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11AC20SISO_Ant1_5825_30~5650



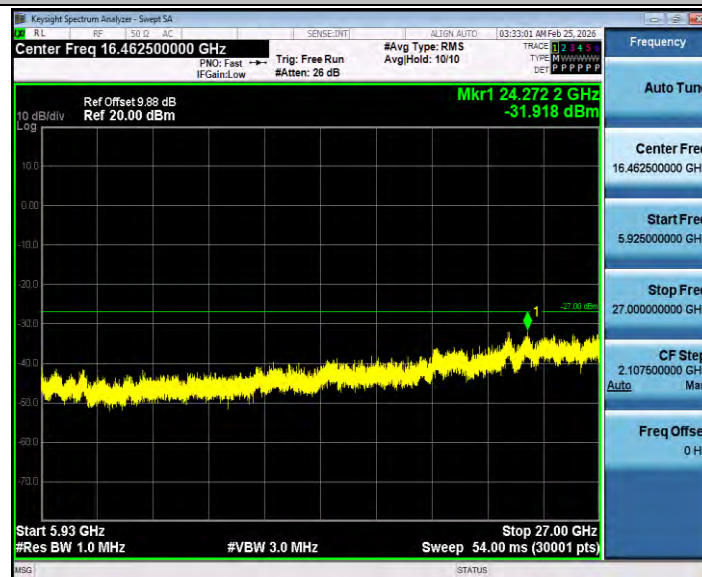
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11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



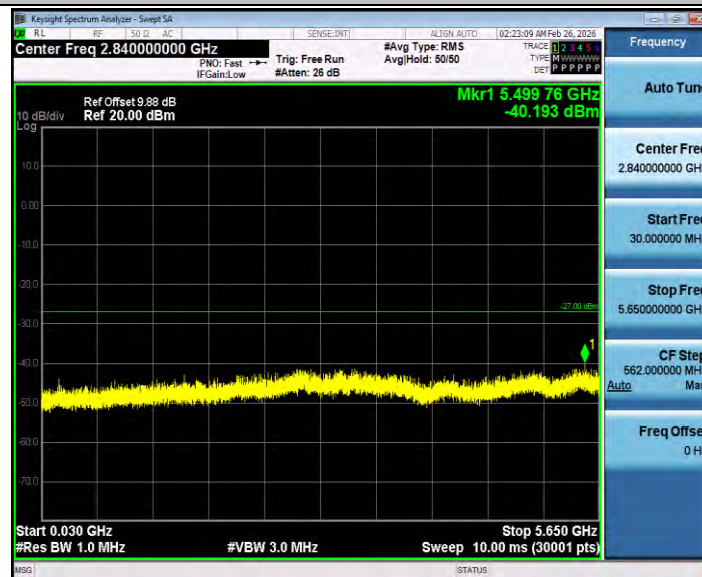
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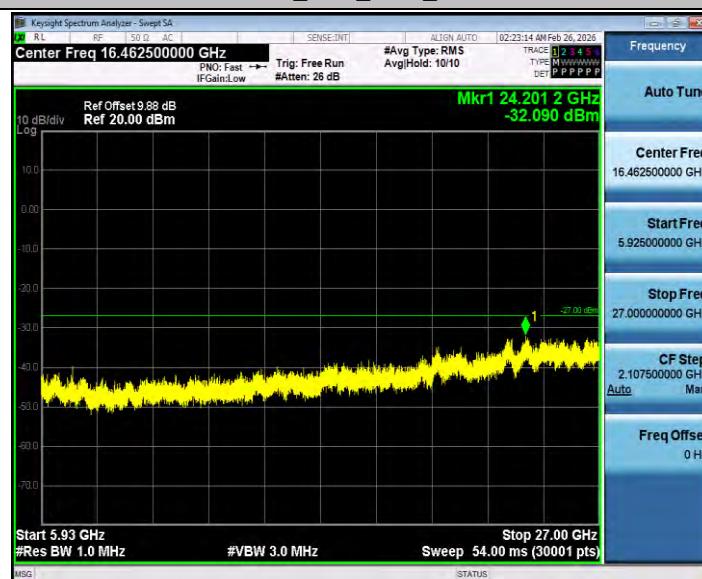
11AC80SISO_Ant1_5775_5925~27000



11AX20SISO_Ant1_5745_30~5650



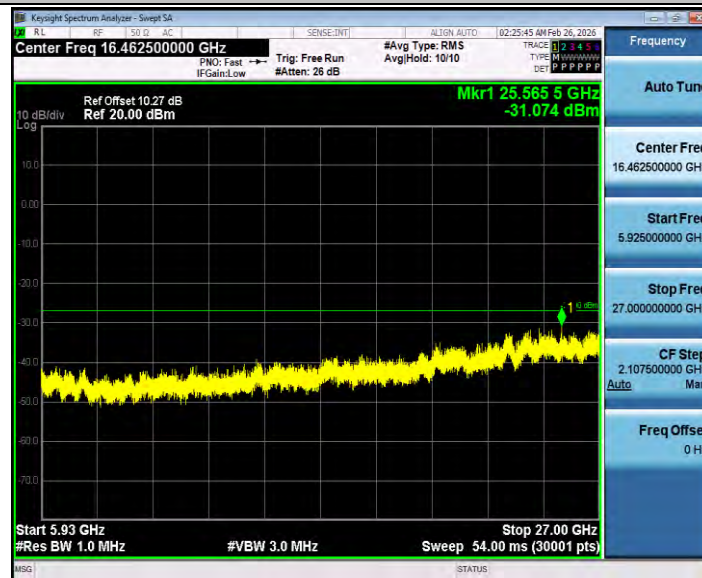
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~27000



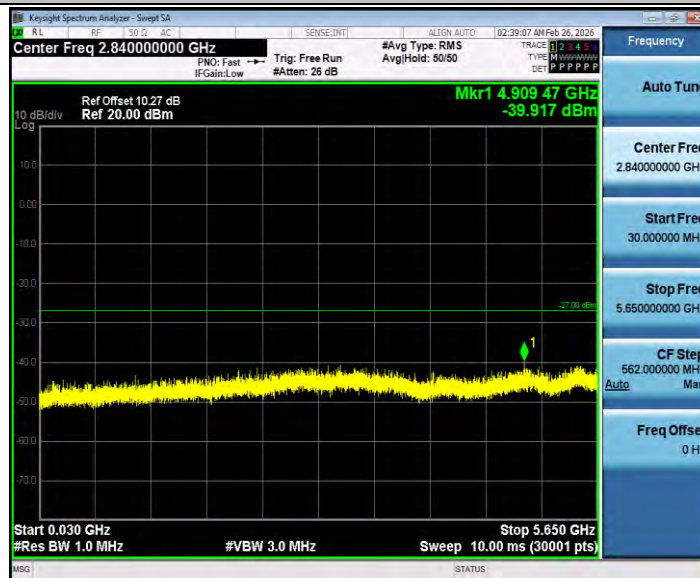
11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~27000



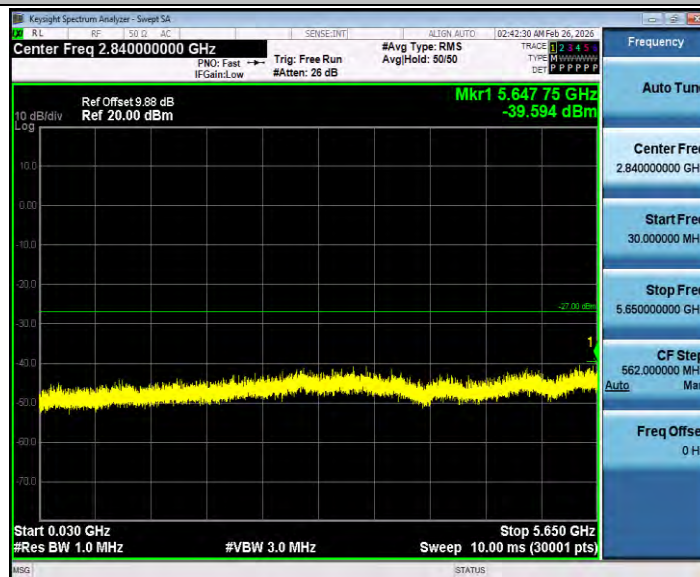
11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000

