

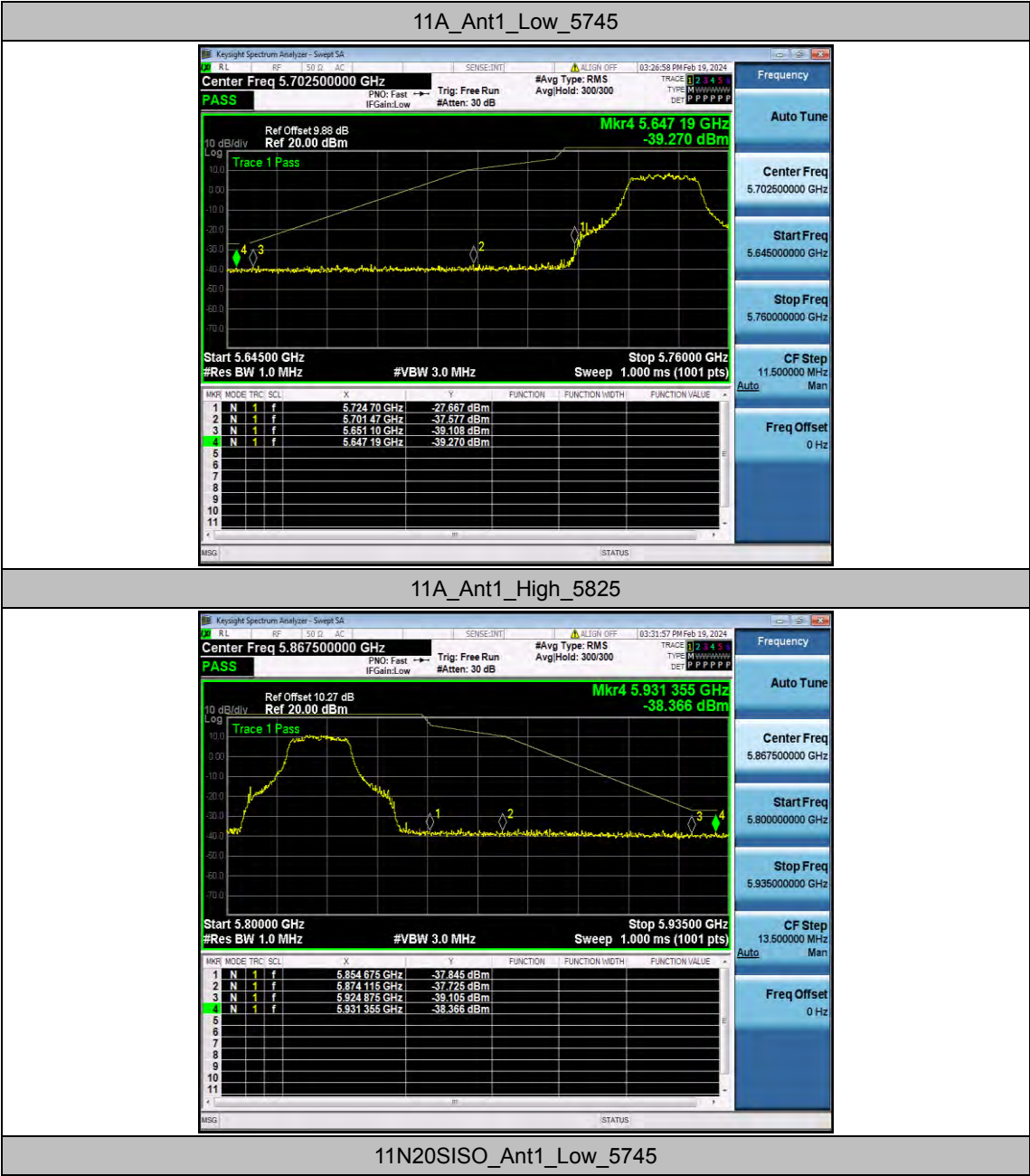
Appendix G.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.11	≤ -26.19	PASS
				5700~5720	-37.58	≤ 10.41	PASS
				5720~5725	-27.67	≤ 26.30	PASS
				5760~5650	-39.27	≤ -27	PASS
		High	5825	5850~5855	-37.85	≤ 16.34	PASS
				5855~5875	-37.73	≤ 10.25	PASS
				5875~5925	-39.11	≤ -26.91	PASS
				5925~5935	-38.37	≤ -27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39	≤ -26.45	PASS
				5700~5720	-30.33	≤ 14.73	PASS
				5720~5725	-29.46	≤ 17.39	PASS
				5760~5650	-38.21	≤ -27	PASS
		High	5825	5850~5855	-28.81	≤ 16.03	PASS
				5855~5875	-29.11	≤ 15.43	PASS
				5875~5925	-38.07	≤ -26.81	PASS
				5925~5935	-37.8	≤ -27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-40.25	≤ -26.90	PASS
				5700~5720	-38.99	≤ 10.44	PASS
				5720~5725	-37.31	≤ 15.74	PASS
				5780~5650	-40.1	≤ -27	PASS
		High	5795	5850~5855	-38.65	≤ 16.03	PASS
				5855~5875	-38.54	≤ 10.20	PASS
				5875~5925	-39.04	≤ -26.95	PASS
				5925~5935	-38.27	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.31	≤ -26.36	PASS
				5700~5720	-37.83	≤ 10.44	PASS
				5720~5725	-36.88	≤ 16.34	PASS
				5760~5650	-38.4	≤ -27	PASS
		High	5825	5850~5855	-38.53	≤ 15.73	PASS
				5855~5875	-37.4	≤ 10.55	PASS
				5875~5925	-38.81	≤ -26.91	PASS
				5925~5935	-38.1	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-38.7	≤ -26.00	PASS
				5700~5720	-38.76	≤ 10.17	PASS
				5720~5725	-35.81	≤ 16.04	PASS
				5780~5650	-38.91	≤ -27	PASS
		High	5795	5850~5855	-39.74	≤ 15.66	PASS

				5855~5875	-37.74	≤ 10.39	PASS
				5875~5925	-39.29	≤ -26.95	PASS
				5925~5935	-38.3	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-40.17	≤ -26.91	PASS
				5700~5720	-36.55	≤ 10.05	PASS
				5720~5725	-36.53	≤ 16.00	PASS
				5800~5650	-39.94	≤ -27	PASS
		High	5775	5850~5855	-39.38	≤ 15.84	PASS
				5855~5875	-39	≤ 10.35	PASS
				5875~5925	-38.89	≤ -26.73	PASS
				5925~5935	-37.73	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.96	≤ -26.62	PASS
				5700~5720	-37.84	≤ 10.09	PASS
				5720~5725	-36	≤ 16.34	PASS
				5760~5650	-38.4	≤ -27	PASS
		High	5825	5850~5855	-38.21	≤ 16.03	PASS
				5855~5875	-36.87	≤ 10.97	PASS
				5875~5925	-39.54	≤ -26.71	PASS
				5925~5935	-37.75	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-40.41	≤ -26.40	PASS
				5700~5720	-34.39	≤ 10.97	PASS
				5720~5725	-34.3	≤ 15.74	PASS
				5780~5650	-39.11	≤ -27	PASS
		High	5795	5850~5855	-38.36	≤ 16.03	PASS
				5855~5875	-37.98	≤ 10.20	PASS
				5875~5925	-39.14	≤ -26.59	PASS
				5925~5935	-38.28	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-38.9	≤ -26.80	PASS
				5700~5720	-33.93	≤ 10.01	PASS
				5720~5725	-35.41	≤ 16.35	PASS
				5800~5650	-39.69	≤ -27	PASS
		High	5775	5850~5855	-36.58	≤ 15.84	PASS
				5855~5875	-34.97	≤ 10.86	PASS
				5875~5925	-38.5	≤ -26.32	PASS
				5925~5935	-39.38	≤ -27	PASS

Test Graphs B4



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

Freq Offset 0 Hz

11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



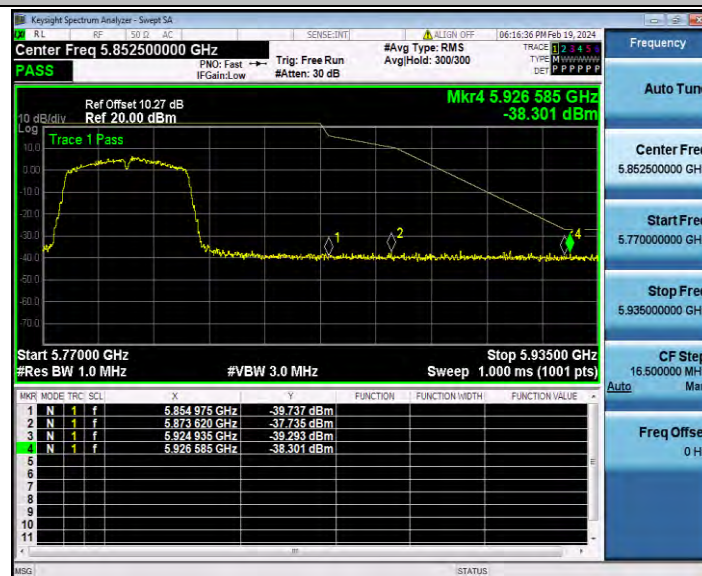
11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



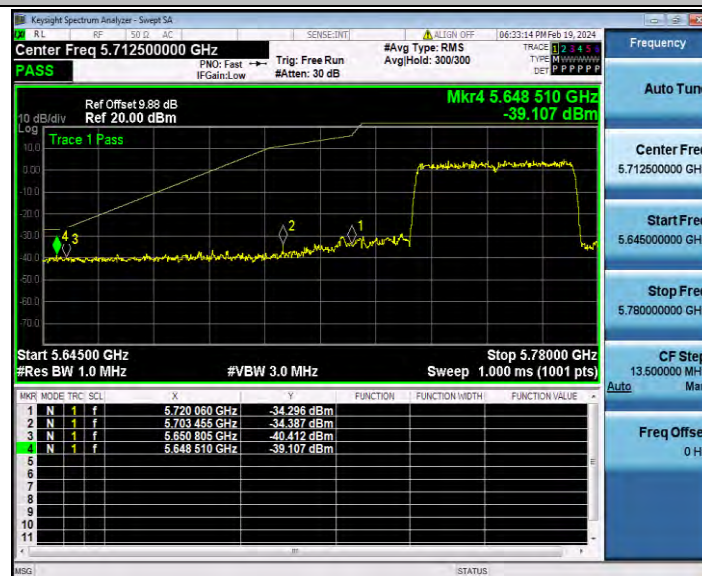
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11AX20SISO_Ant1_High_5825



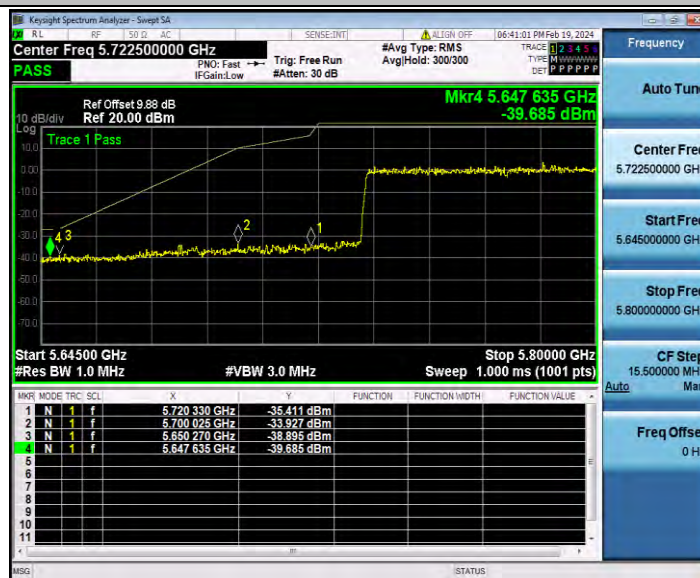
11AX40SISO_Ant1_Low_5755



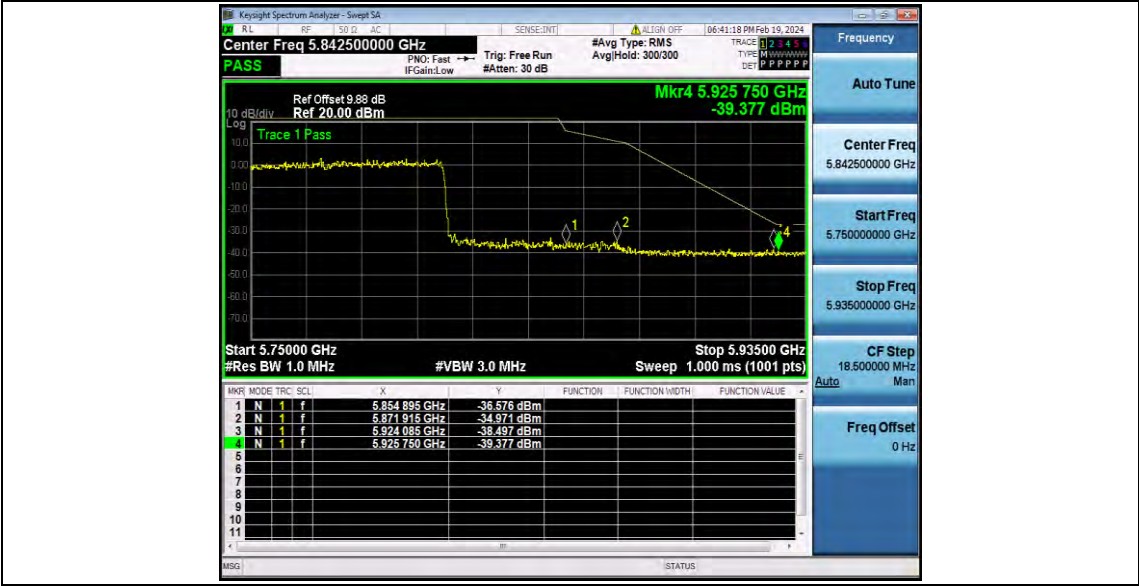
11AX40SISO_Ant1_High_5795



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	5373.68	-40.01	≤-27	PASS
			5925~40000	24268.68	-31.88	≤-27	PASS
		5785	30~5650	5546.22	-39.49	≤-27	PASS
			5925~40000	23472.05	-31.56	≤-27	PASS
		5825	30~5650	5422.2	-39.95	≤-27	PASS
			5925~40000	26662.8	-31.61	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	1739.6	-38.99	≤-27	PASS
			5925~40000	26495.61	-31.23	≤-27	PASS
		5785	30~5650	1738.85	-37.69	≤-27	PASS
			5925~40000	26708.46	-31.87	≤-27	PASS
		5825	30~5650	1738.29	-38.77	≤-27	PASS
			5925~40000	23507.17	-31.75	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5453.86	-39.62	≤-27	PASS
			5925~40000	26154.89	-31.85	≤-27	PASS
		5795	30~5650	2633.18	-39.64	≤-27	PASS
			5925~40000	23557.05	-31.29	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5463.79	-40.47	≤-27	PASS
			5925~40000	26567.96	-31.24	≤-27	PASS
		5785	30~5650	1736.98	-35.97	≤-27	PASS
			5925~40000	24821.55	-32.15	≤-27	PASS
		5825	30~5650	3128.31	-40.41	≤-27	PASS
			5925~40000	26512.47	-31.75	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5470.16	-40.33	≤-27	PASS
			5925~40000	23588.66	-32.06	≤-27	PASS
		5795	30~5650	5512.5	-39.86	≤-27	PASS
			5925~40000	26072.7	-31.93	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	1742.41	-37.34	≤-27	PASS
			5925~40000	25252.18	-32.02	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	4954.62	-40.82	≤-27	PASS
			5925~40000	23591.47	-32.03	≤-27	PASS
		5785	30~5650	5062.9	-39.81	≤-27	PASS
			5925~40000	24234.96	-31.37	≤-27	PASS
		5825	30~5650	5446.37	-39.86	≤-27	PASS
			5925~40000	26483.66	-31.39	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	2585.41	-40.45	≤-27	PASS
			5925~40000	24331.2	-31.27	≤-27	PASS

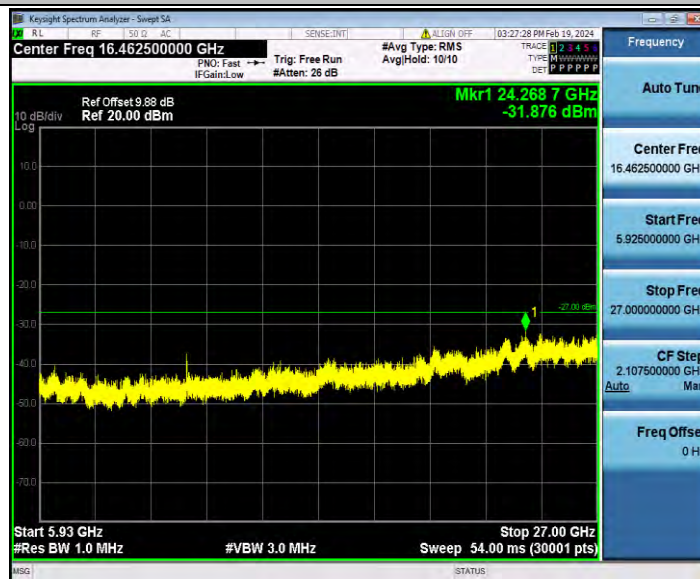
		5795	30~5650	5395.79	-39.4	≤ -27	PASS
			5925~40000	24254.63	-31.62	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5622.65	-40.55	≤ -27	PASS
			5925~40000	24959.94	-32.05	≤ -27	PASS

Test Graphs

11A_Ant1_5745_30~5650



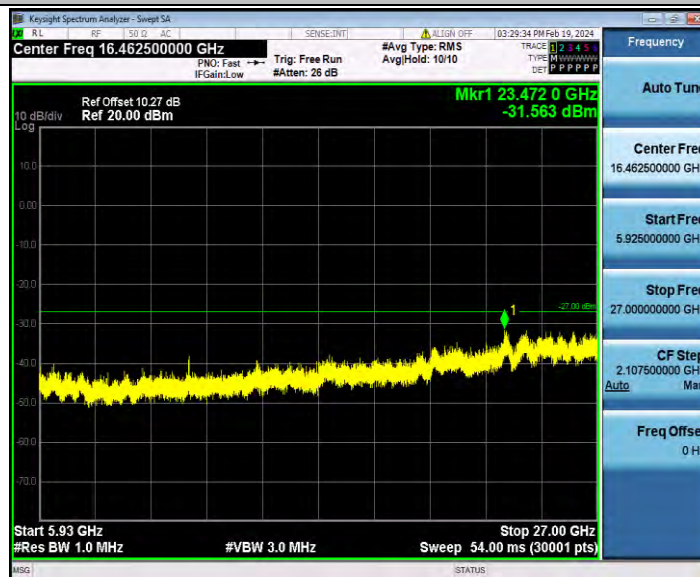
11A_Ant1_5745_5925~40000



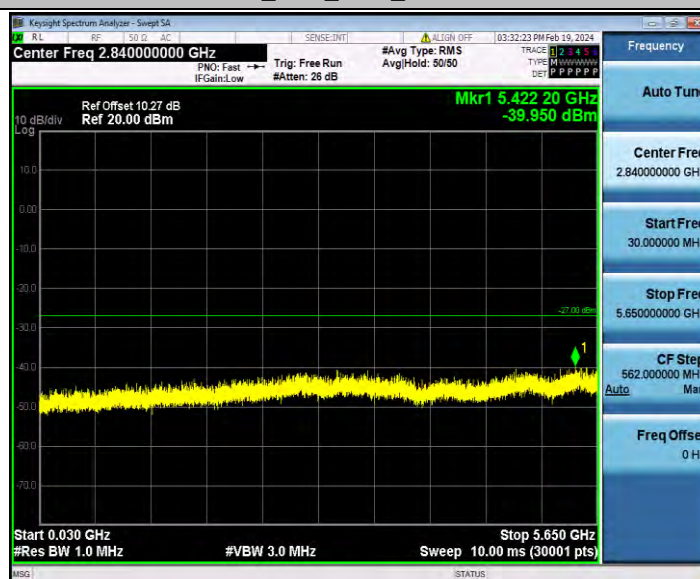
11A_Ant1_5785_30~5650



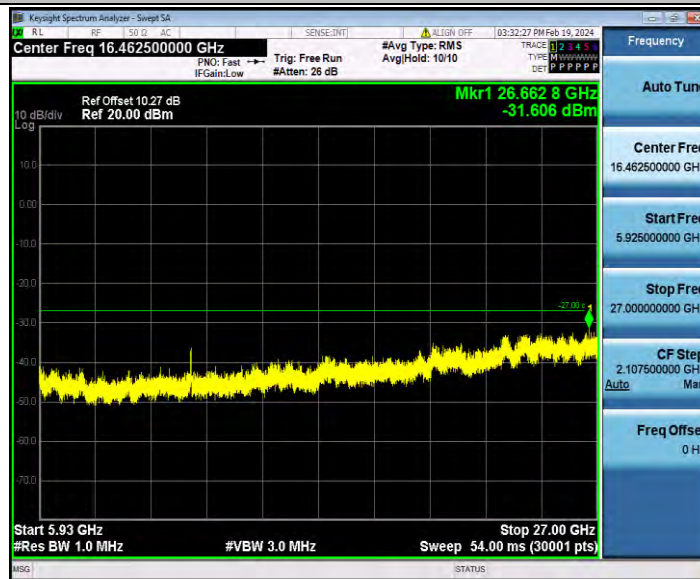
11A_Ant1_5785_5925~40000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



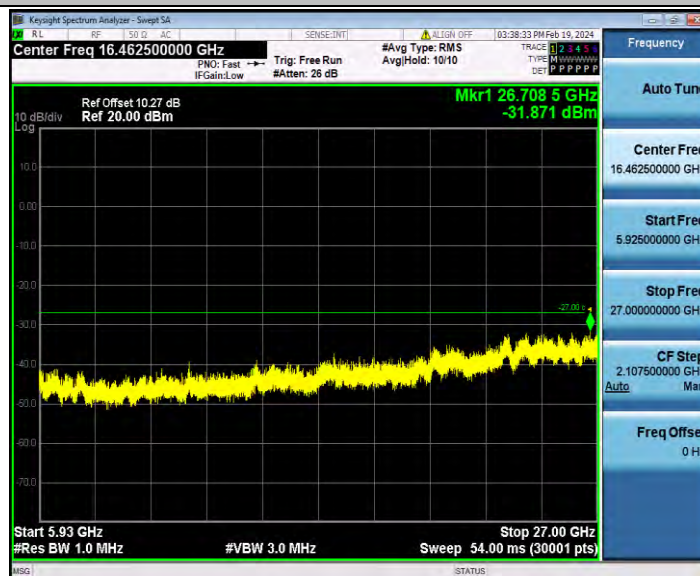
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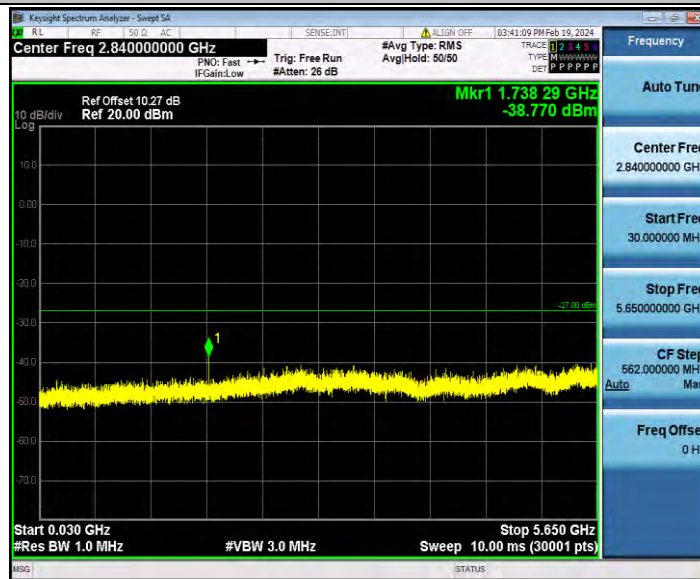
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~40000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000



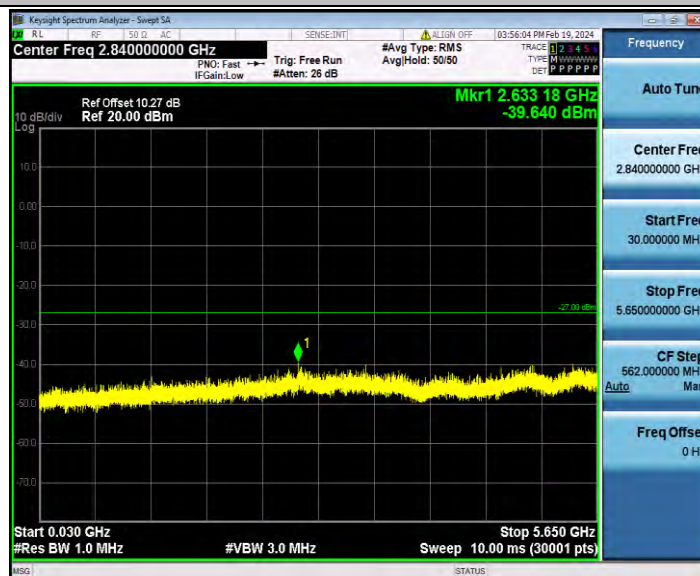
11N40SISO_Ant1_5755_30~5650



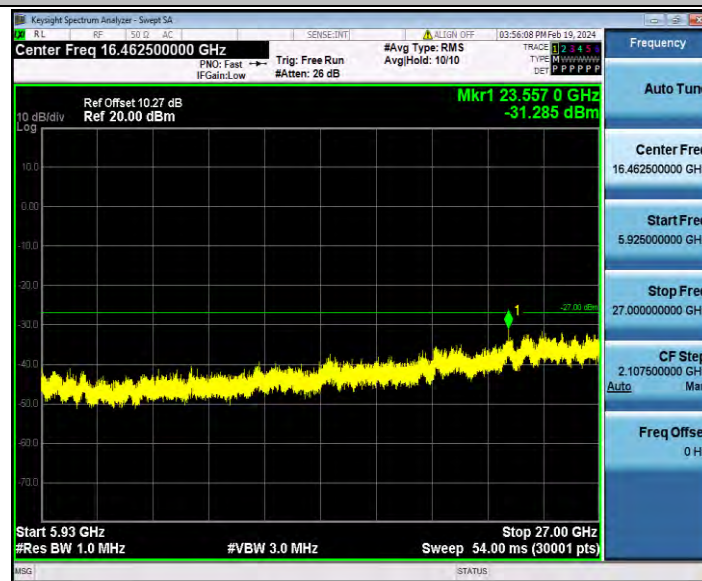
11N40SISO_Ant1_5755_5925~40000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



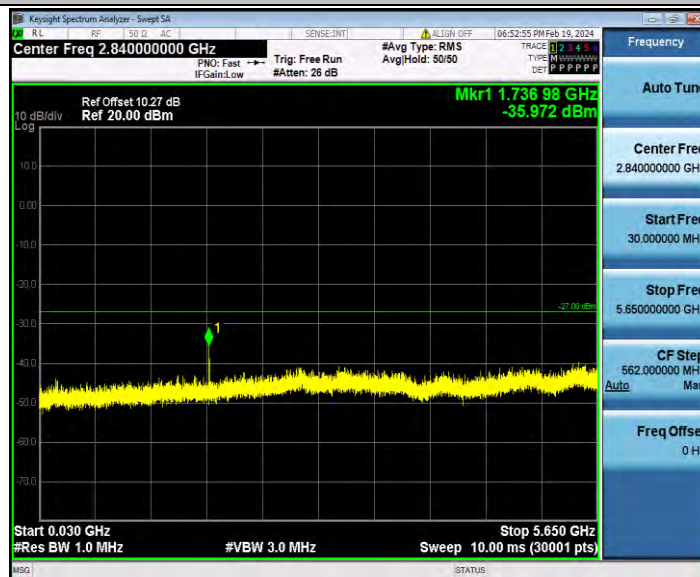
11AC20SISO_Ant1_5745_30~5650



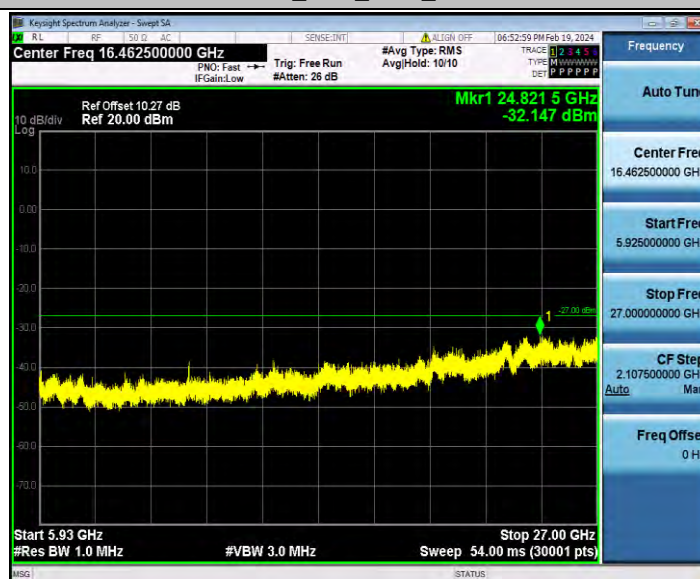
11AC20SISO_Ant1_5745_5925~40000



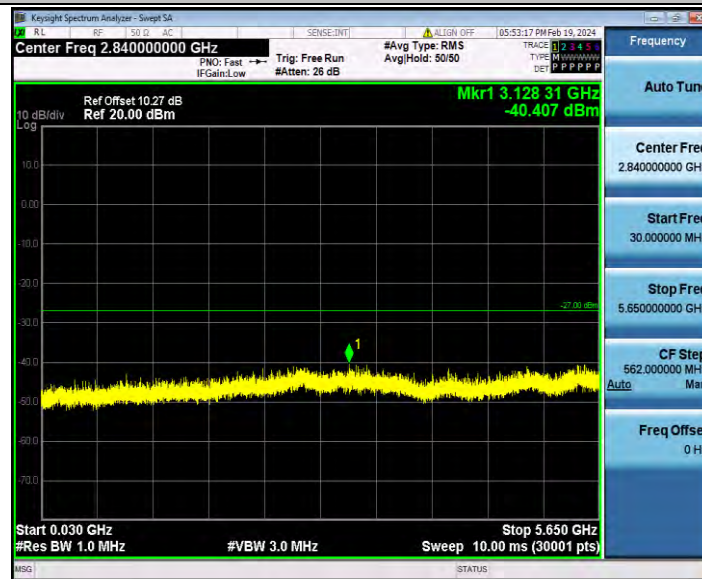
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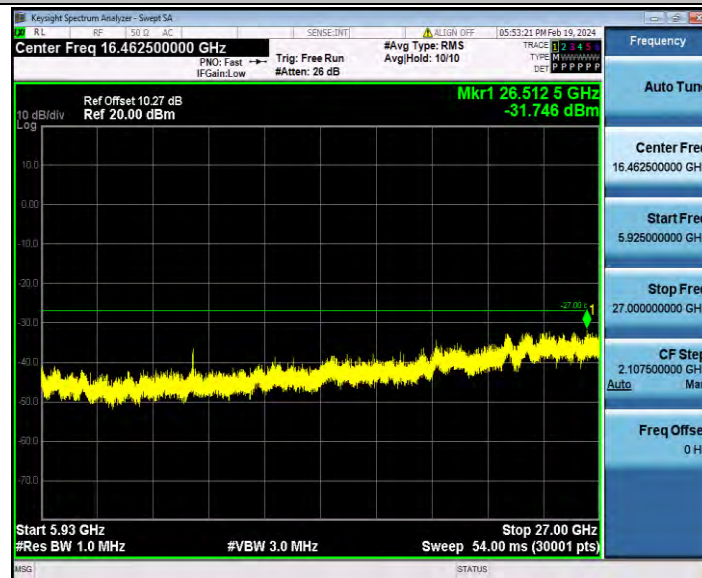
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11AC20SISO_Ant1_5825_30~5650



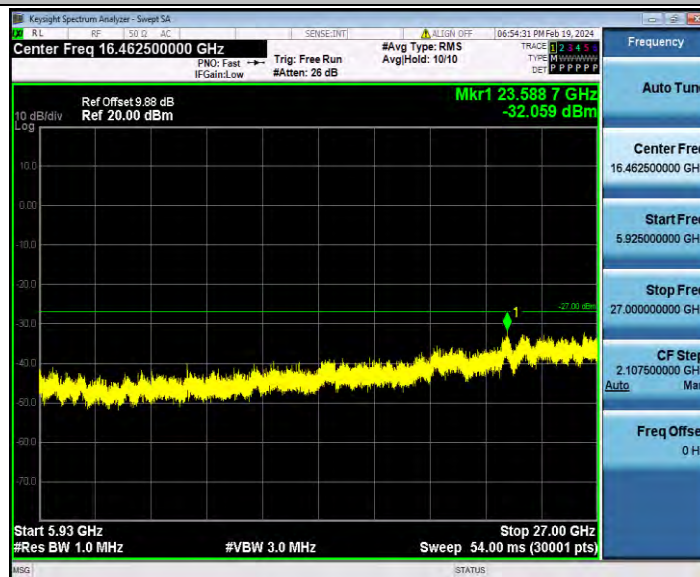
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11AC40SISO_Ant1_5755_30~5650



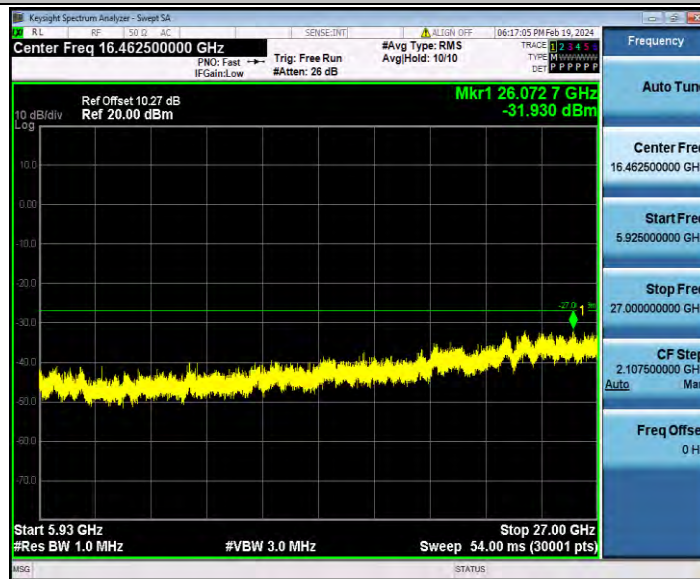
11AC40SISO_Ant1_5755_5925~40000



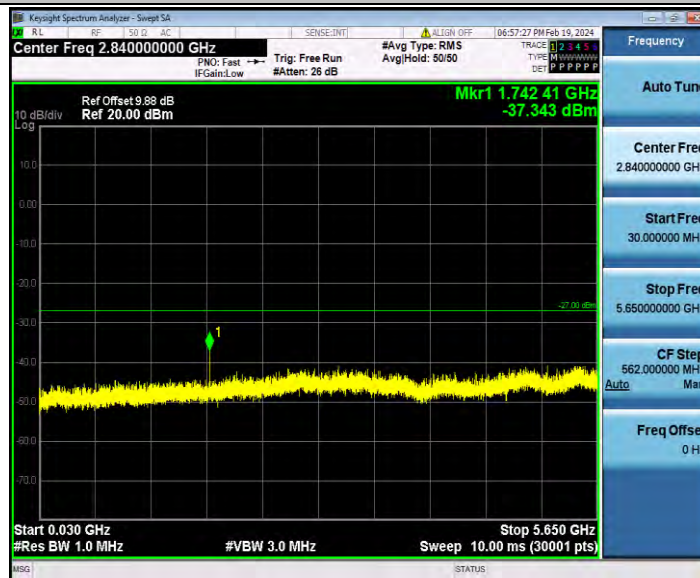
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



11AC80SISO_Ant1_5775_30~5650



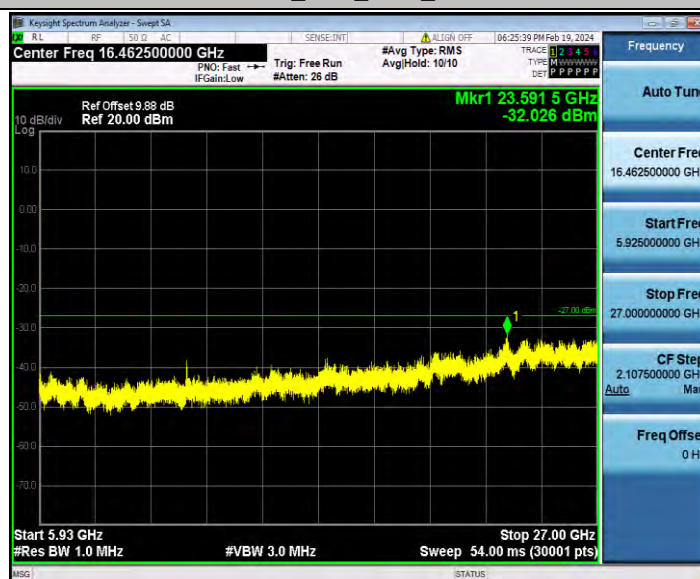
11AC80SISO_Ant1_5775_5925~40000



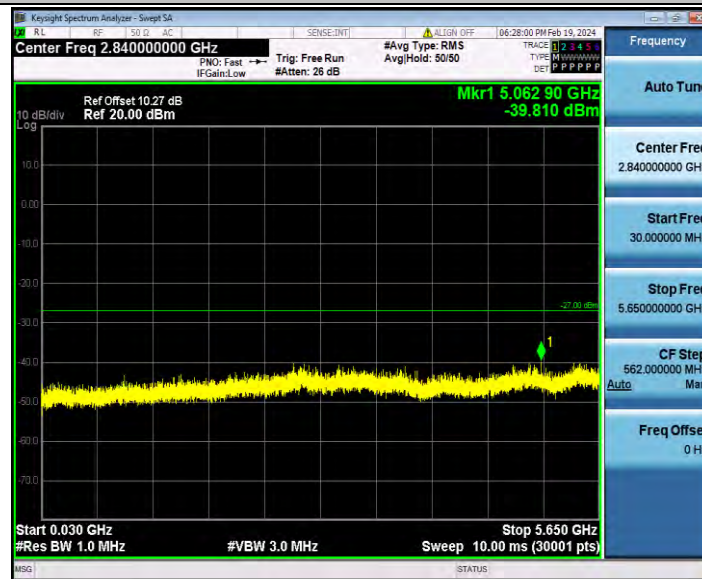
11AX20SISO_Ant1_5745_30~5650



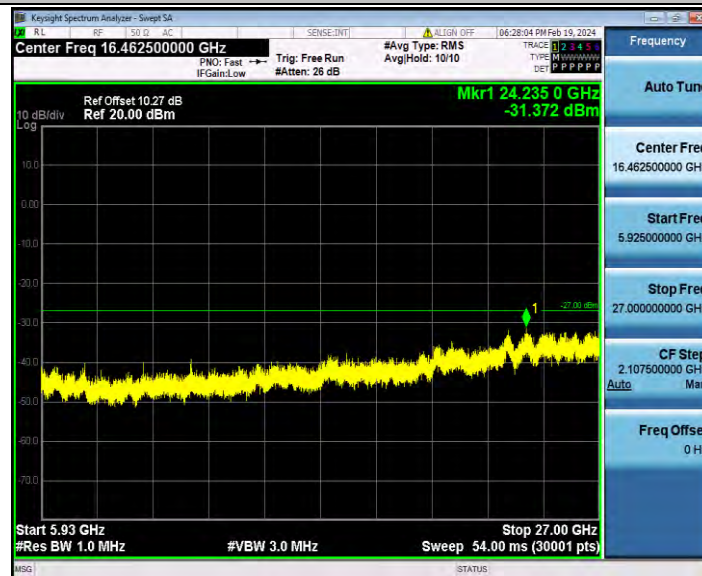
11AX20SISO_Ant1_5745_5925~40000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~40000



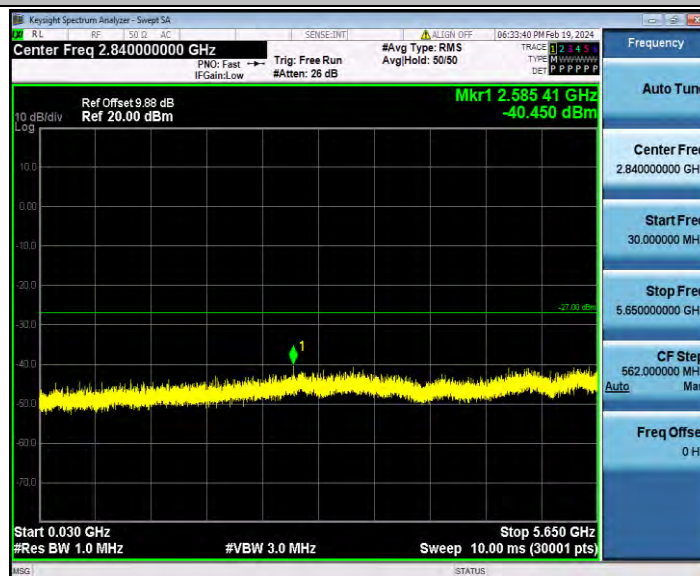
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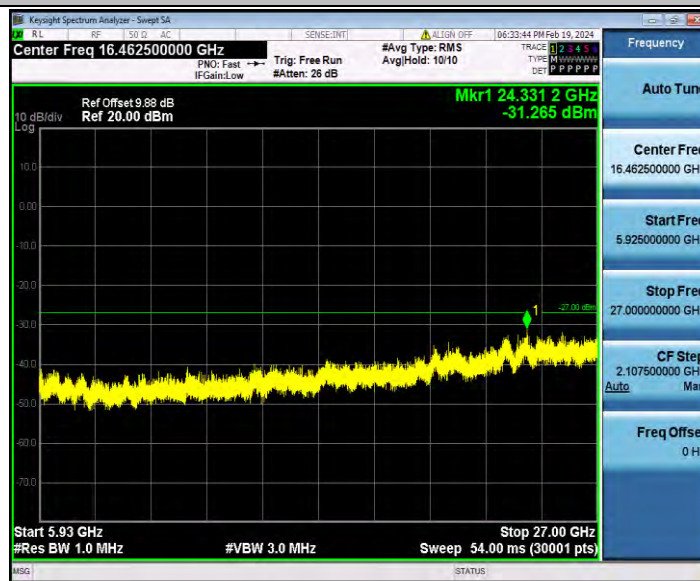
11AX20SISO_Ant1_5825_5925~40000



11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~40000



11AX40SISO_Ant1_5795_30~5650



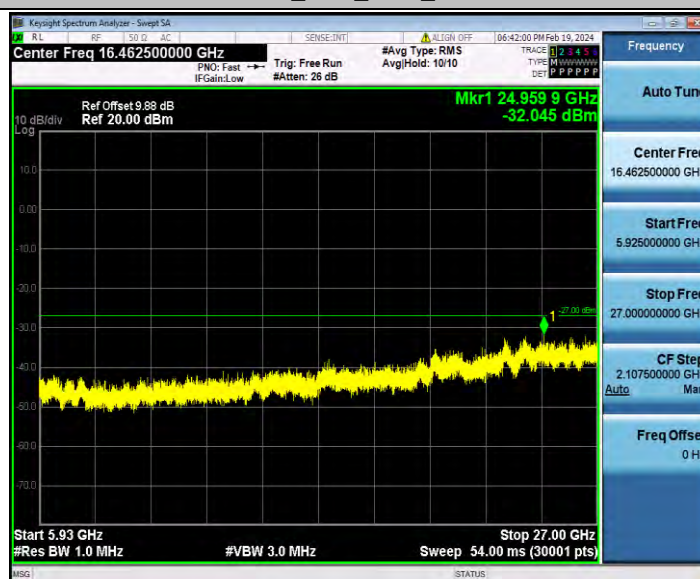
11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000



Appendix G.8: Emissions in Restricted Bands

Test Result

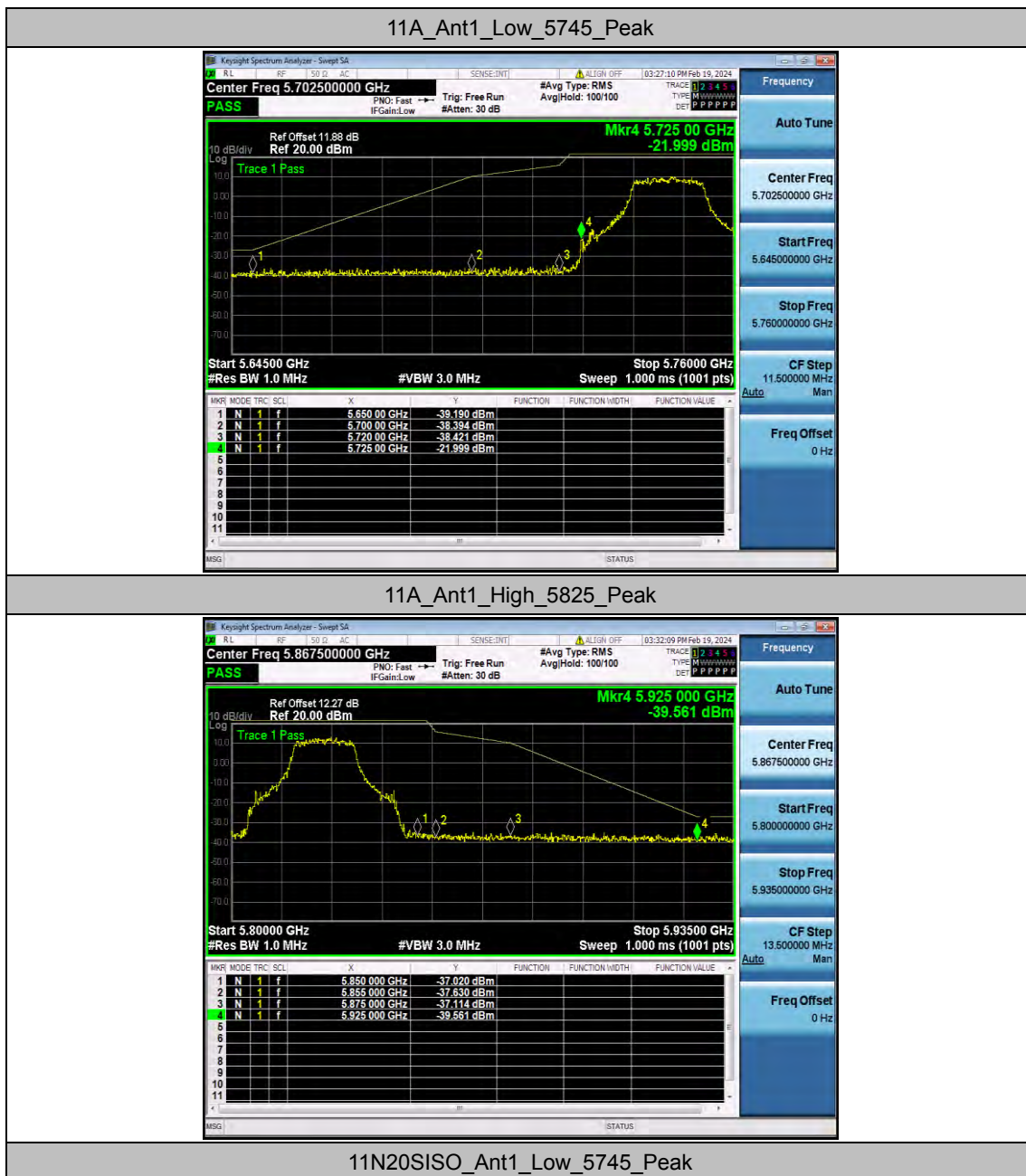
TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-39.19	≤-27.00	PASS
				Peak	5700.000	-38.39	≤10.00	PASS
				Peak	5720.000	-38.42	≤15.60	PASS
				Peak	5725.000	-22	≤27.00	PASS
		High	5825	Peak	5850.000	-37.02	≤27.00	PASS
				Peak	5855.000	-37.63	≤15.60	PASS
				Peak	5875.000	-37.11	≤10.00	PASS
				Peak	5925.000	-39.56	≤-27.00	PASS
11N20 SISO	Ant1	Low	5745	Peak	5650.000	-38.342	≤-27.00	PASS
				Peak	5700.000	-36.14	≤10.00	PASS
				Peak	5720.000	-32.74	≤15.60	PASS
				Peak	5725.000	-26.3	≤27.00	PASS
		High	5825	Peak	5850.000	-27.04	≤27.00	PASS
				Peak	5855.000	-31.2	≤15.60	PASS
				Peak	5875.000	-35.73	≤10.00	PASS
				Peak	5925.000	-36.78	≤-27.00	PASS
11N40 SISO	Ant1	Low	5755	Peak	5650.000	-37.664	≤-27.00	PASS
				Peak	5700.000	-39.08	≤10.00	PASS
				Peak	5720.000	-36.35	≤15.60	PASS
				Peak	5725.000	-34.77	≤27.00	PASS
		High	5795	Peak	5850.000	-39.654	≤27.00	PASS
				Peak	5855.000	-38.6	≤15.60	PASS
				Peak	5875.000	-39.04	≤10.00	PASS
				Peak	5925.000	-38.89	≤-27.00	PASS
11AC20 SISO	Ant1	Low	5745	Peak	5650.000	-38.902	≤-27.00	PASS
				Peak	5700.000	-38.07	≤10.00	PASS
				Peak	5720.000	-35.75	≤15.60	PASS
				Peak	5725.000	-27.2	≤27.00	PASS
		High	5825	Peak	5850.000	-35.03	≤27.00	PASS
				Peak	5855.000	-37.13	≤15.60	PASS
				Peak	5875.000	-38.11	≤10.00	PASS
				Peak	5925.000	-37.23	≤-27.00	PASS
11AC40 SISO	Ant1	Low	5755	Peak	5650.000	-39.403	≤-27.00	PASS
				Peak	5700.000	-39.63	≤10.00	PASS
				Peak	5720.000	-34.04	≤15.60	PASS
				Peak	5725.000	-36.41	≤27.00	PASS
		High	5795	Peak	5850.000	-38.201	≤27.00	PASS

				Peak	5855.000	-39.01	≤15.60	PASS
				Peak	5875.000	-40.71	≤10.00	PASS
				Peak	5925.000	-39.07	≤-27.00	PASS
11AC80 SISO	Ant1	Low	5775	Peak	5650.000	-39.647	≤-27.00	PASS
				Peak	5700.000	-35.9	≤10.00	PASS
				Peak	5720.000	-34.81	≤15.60	PASS
				Peak	5725.000	-34.38	≤27.00	PASS
		High	5775	Peak	5850.000	-39.391	≤27.00	PASS
				Peak	5855.000	-38.98	≤15.60	PASS
				Peak	5875.000	-39.24	≤10.00	PASS
				Peak	5925.000	-39.16	≤-27.00	PASS
11AX20 SISO	Ant1	Low	5745	Peak	5650.000	-39.073	≤-27.00	PASS
				Peak	5700.000	-38.69	≤10.00	PASS
				Peak	5720.000	-38	≤15.60	PASS
				Peak	5725.000	-24.63	≤27.00	PASS
		High	5825	Peak	5850.000	-36.564	≤27.00	PASS
				Peak	5855.000	-37.1	≤15.60	PASS
				Peak	5875.000	-38.17	≤10.00	PASS
				Peak	5925.000	-38.11	≤-27.00	PASS
11AX40 SISO	Ant1	Low	5755	Peak	5650.000	-39.73	≤-27.00	PASS
				Peak	5700.000	-39.12	≤10.00	PASS
				Peak	5720.000	-34.4	≤15.60	PASS
				Peak	5725.000	-33.29	≤27.00	PASS
		High	5795	Peak	5850.000	-37.937	≤27.00	PASS
				Peak	5855.000	-38.88	≤15.60	PASS
				Peak	5875.000	-37.71	≤10.00	PASS
				Peak	5925.000	-39.55	≤-27.00	PASS
11AX80 SISO	Ant1	Low	5775	Peak	5650.000	-39.186	≤-27.00	PASS
				Peak	5700.000	-35.56	≤10.00	PASS
				Peak	5720.000	-33.12	≤15.60	PASS
				Peak	5725.000	-33.97	≤27.00	PASS
		High	5775	Peak	5850.000	-34.597	≤27.00	PASS
				Peak	5855.000	-36	≤15.60	PASS
				Peak	5875.000	-38.44	≤10.00	PASS
				Peak	5925.000	-40.54	≤-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



11AX20SISO_Ant1_Low_5745_Peak



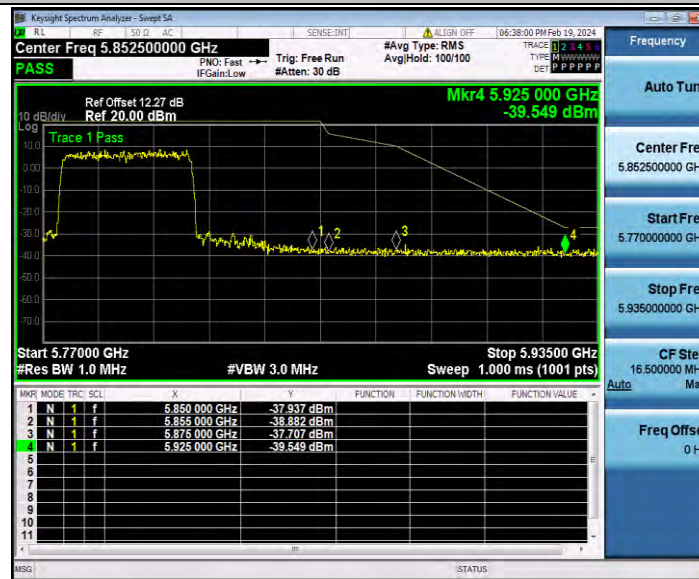
11AX20ISO_Ant1_High_5825_Peak



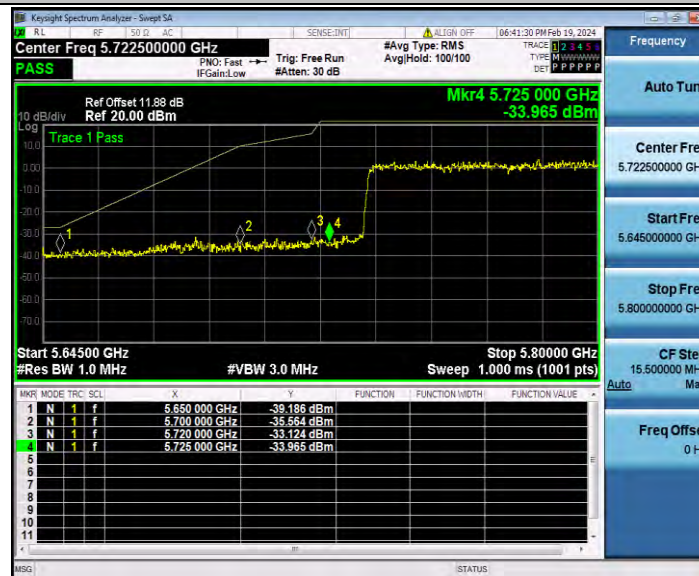
11AX40ISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak



11AX80SISO_Ant1_Low_5775_Peak



11AX80SISO_Ant1_High_5775_Peak

