Appendix G.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	9.31	85.71	0.67	9.98	≤30.00	PASS
		5785	10.32	80.95	0.92	11.24	≤30.00	PASS
		5825	11.86	85.71	0.67	12.53	≤30.00	PASS
11N20SISO	Ant0	5745	12.91	94.59	0.24	13.15	≤30.00	PASS
		5785	13.71	95.95	0.18	13.89	≤30.00	PASS
		5825	15.48	95.95	0.18	15.66	≤30.00	PASS
11N40SISO	Ant0	5755	7.10	69.67	1.57	8.67	≤30.00	PASS
		5795	8.21	69.67	1.57	9.78	≤30.00	PASS
11AC20SISO	Ant0	5745	9.21	80.00	0.97	10.18	≤30.00	PASS
		5785	10.21	80.95	0.92	11.13	≤30.00	PASS
		5825	11.73	80.00	0.97	12.70	≤30.00	PASS
11AC40SISO	Ant0	5755	7.15	69.52	1.58	8.73	≤30.00	PASS
		5795	8.21	69.38	1.59	9.80	≤30.00	PASS
11AC80SISO	Ant0	5775	6.01	48.14	3.17	9.18	≤30.00	PASS
11AX20SISO	Ant0	5745	9.32	84.21	0.75	10.07	≤30.00	PASS
		5785	10.36	80.00	0.97	11.33	≤30.00	PASS
		5825	11.76	84.21	0.75	12.51	≤30.00	PASS
11AX40SISO	Ant0	5755	7.22	56.78	2.46	9.68	≤30.00	PASS
		5795	8.19	56.80	2.46	10.65	≤30.00	PASS
11AX80SISO	Ant0	5775	7.35	50.52	2.97	10.32	≤30.00	PASS

Note：The Duty Cycle Factor is compensated in the graph.

Appendix G.5: Maximum power spectral density

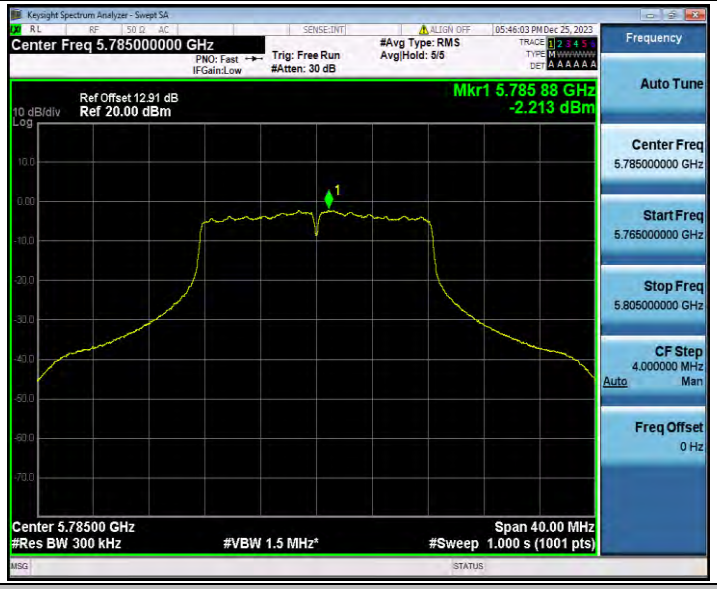
Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-3.49	≤30.00	PASS
		5785	-2.21	≤30.00	PASS
		5825	-0.96	≤30.00	PASS
11N20SISO	Ant0	5745	-0.72	≤30.00	PASS
		5785	-0.04	≤30.00	PASS
		5825	1.79	≤30.00	PASS
11N40SISO	Ant0	5755	-6.12	≤30.00	PASS
		5795	-5.08	≤30.00	PASS
11AC20SISO	Ant0	5745	-3.19	≤30.00	PASS
		5785	-2.27	≤30.00	PASS
		5825	-0.68	≤30.00	PASS
11AC40SISO	Ant0	5755	-5.93	≤30.00	PASS
		5795	-5.02	≤30.00	PASS
11AC80SISO	Ant0	5775	-8.54	≤30.00	PASS
11AX20SISO	Ant0	5745	-3.53	≤30.00	PASS
		5785	-2.32	≤30.00	PASS
		5825	-1.05	≤30.00	PASS
11AX40SISO	Ant0	5755	-6.1	≤30.00	PASS
		5795	-4.93	≤30.00	PASS
11AX80SISO	Ant0	5775	-8.34	≤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.

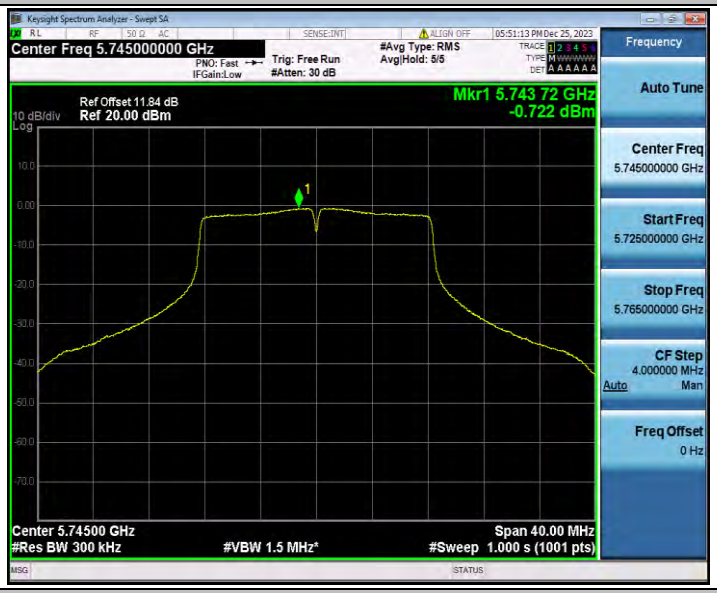
Test Graphs

11A_Ant0_5745



11A_Ant0_5785

11A_Ant0_5825



11N20SISO_Ant0_5745

11N20SISO_Ant0_5785

11N20SISO_Ant0_5825

11N40SISO_Ant0_5755

11N40SISO_Ant0_5795

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

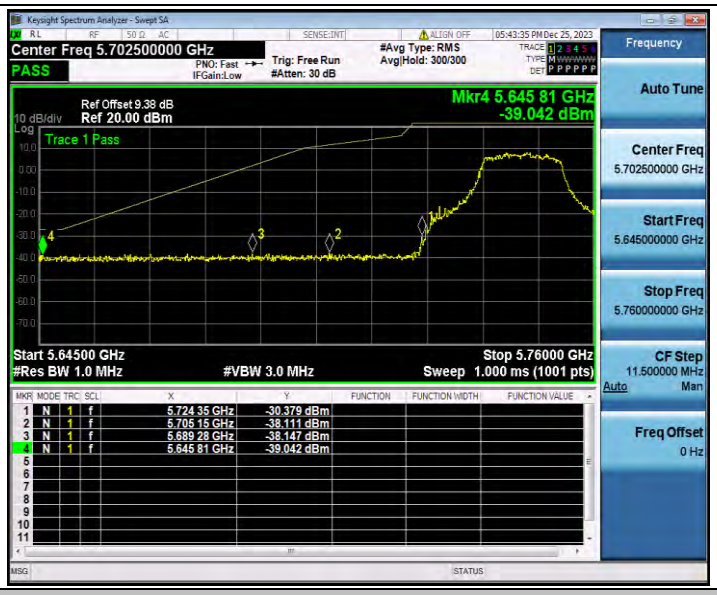
Appendix G.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-38.15	≤2.06	PASS
				5700~5720	-38.11	≤11.44	PASS
				5720~5725	-30.38	≤25.52	PASS
				5760~5650	-39.04	≤-27	PASS
		High	5825	5850~5855	-36.86	≤20.72	PASS
				5855~5875	-36.77	≤10.89	PASS
				5875~5925	-36.65	≤-20.66	PASS
				5925~5935	-38.24	≤-27	PASS
11N20SISO	Ant0	Low	5745	5650~5700	-35.89	≤7.17	PASS
				5700~5720	-29.77	≤14.66	PASS
				5720~5725	-24.85	≤26.30	PASS
				5760~5650	-38.75	≤-27	PASS
		High	5825	5850~5855	-26.35	≤16.41	PASS
				5855~5875	-30.25	≤10.02	PASS
				5875~5925	-35.43	≤-18.66	PASS
				5925~5935	-36.88	≤-27	PASS
11N40SISO	Ant0	Low	5755	5650~5700	-38.5	≤-4.63	PASS
				5700~5720	-36.63	≤15.35	PASS
				5720~5725	-34.87	≤23.12	PASS
				5780~5650	-40.35	≤-27	PASS
		High	5795	5850~5855	-38.79	≤17.54	PASS
				5855~5875	-38.57	≤14.38	PASS
				5875~5925	-38.54	≤4.58	PASS
				5925~5935	-38.78	≤-27	PASS
11AC20SISO	Ant0	Low	5745	5650~5700	-37.56	≤4.96	PASS
				5700~5720	-36.75	≤11.57	PASS
				5720~5725	-30.59	≤26.83	PASS
				5760~5650	-39.59	≤-27	PASS
		High	5825	5850~5855	-33.78	≤17.33	PASS
				5855~5875	-36.96	≤14.86	PASS
				5875~5925	-36.49	≤-19.76	PASS
				5925~5935	-37.4	≤-27	PASS
11AC40SISO	Ant0	Low	5755	5650~5700	-38.96	≤-26.50	PASS
				5700~5720	-37	≤15.58	PASS
				5720~5725	-35.25	≤19.12	PASS
				5780~5650	-39.77	≤-27	PASS

		High	5795	5850~5855	-39.23	≤17.91	PASS
				5855~5875	-38.31	≤15.35	PASS
				5875~5925	-37.74	≤7.75	PASS
				5925~5935	-38.67	≤-27	PASS
11AC80SISO	Ant0	Low	5775	5650~5700	-38.26	≤5.77	PASS
				5700~5720	-37.32	≤13.96	PASS
				5720~5725	-35.45	≤23.42	PASS
				5800~5650	-38.32	≤-27	PASS
		High	5775	5850~5855	-38.46	≤18.32	PASS
				5855~5875	-38.4	≤10.18	PASS
				5875~5925	-37.85	≤3.85	PASS
				5925~5935	-38.9	≤-27	PASS
11AX20SISO	Ant0	Low	5745	5650~5700	-37.31	≤-3.21	PASS
				5700~5720	-37.6	≤15.53	PASS
				5720~5725	-23.88	≤26.57	PASS
				5760~5650	-38.78	≤-27	PASS
		High	5825	5850~5855	-35.89	≤19.80	PASS
				5855~5875	-36.67	≤10.02	PASS
				5875~5925	-37.64	≤-18.16	PASS
				5925~5935	-38.44	≤-27	PASS
11AX40SISO	Ant0	Low	5755	5650~5700	-37.57	≤-2.43	PASS
				5700~5720	-30.41	≤14.94	PASS
				5720~5725	-30.93	≤19.43	PASS
				5780~5650	-39.8	≤-27	PASS
		High	5795	5850~5855	-37.23	≤18.67	PASS
				5855~5875	-37.7	≤11.24	PASS
				5875~5925	-38.01	≤-11.05	PASS
				5925~5935	-38.6	≤-27	PASS
11AX80SISO	Ant0	Low	5775	5650~5700	-35.85	≤9.33	PASS
				5700~5720	-33.94	≤11.70	PASS
				5720~5725	-34.14	≤26.95	PASS
				5800~5650	-38.73	≤-27	PASS
		High	5775	5850~5855	-35.97	≤19.59	PASS
				5855~5875	-34.68	≤13.13	PASS
				5875~5925	-37.72	≤-26.96	PASS
				5925~5935	-39.1	≤-27	PASS

Test Graphs B4



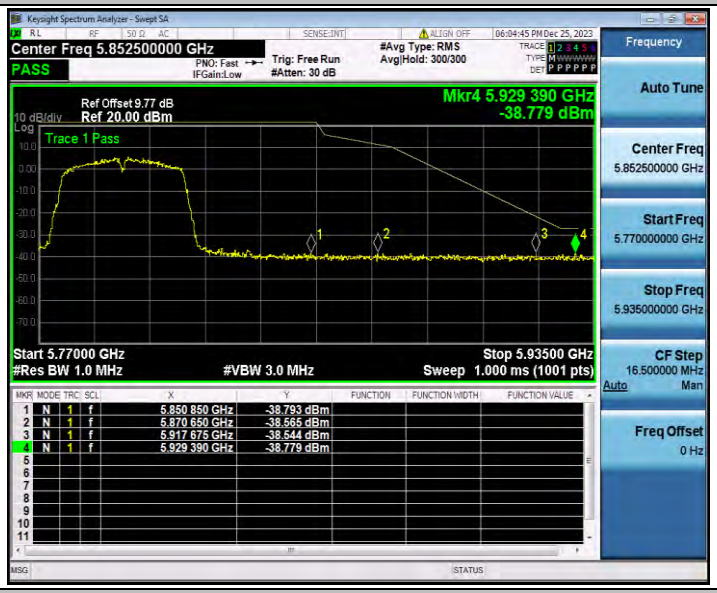
11A_Ant0_Low_5745

11A_Ant0_High_5825

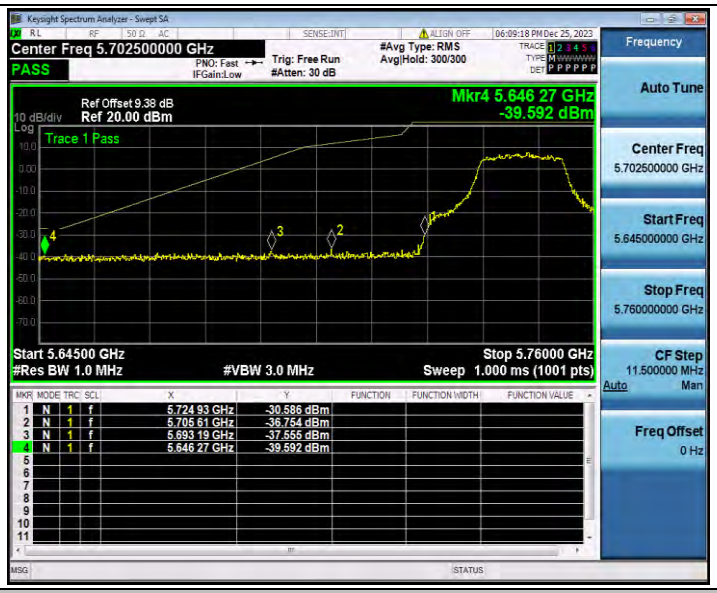
11N20SISO_Ant0_Low_5745

11N20SISO_Ant0_High_5825

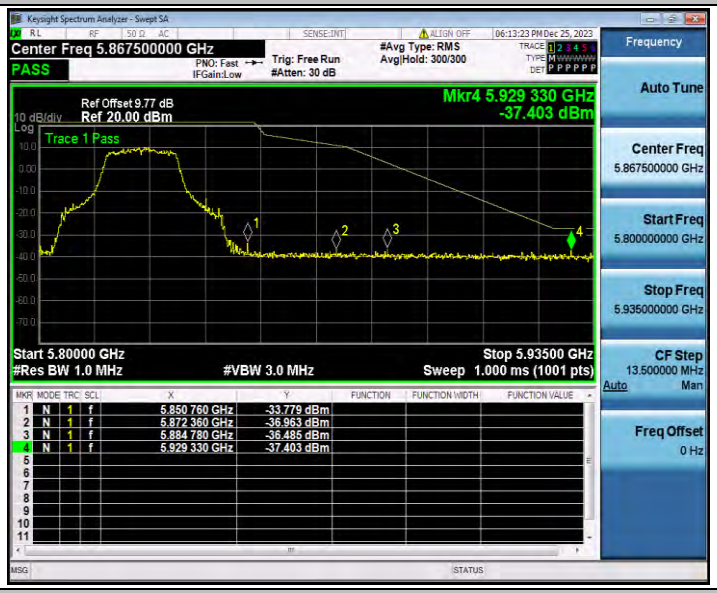
11N40SISO_Ant0_Low_5755



11N40SISO_Ant0_High_5795

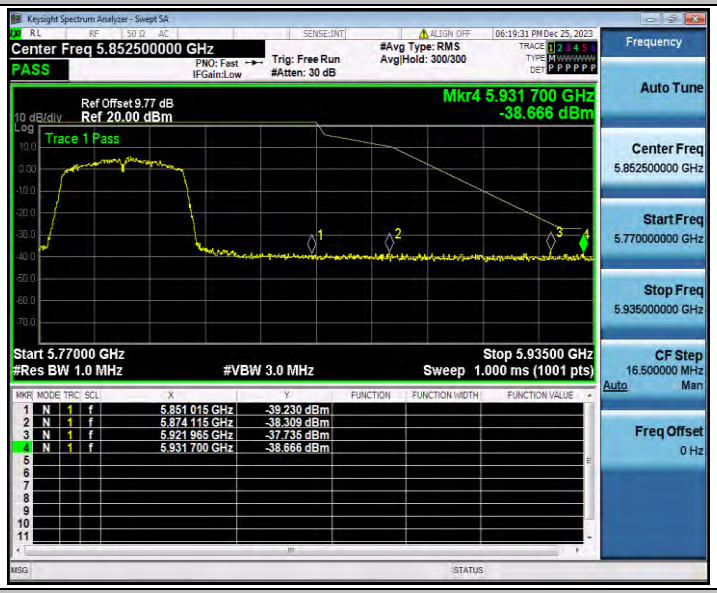


11AC20SISO_Ant0_Low_5745

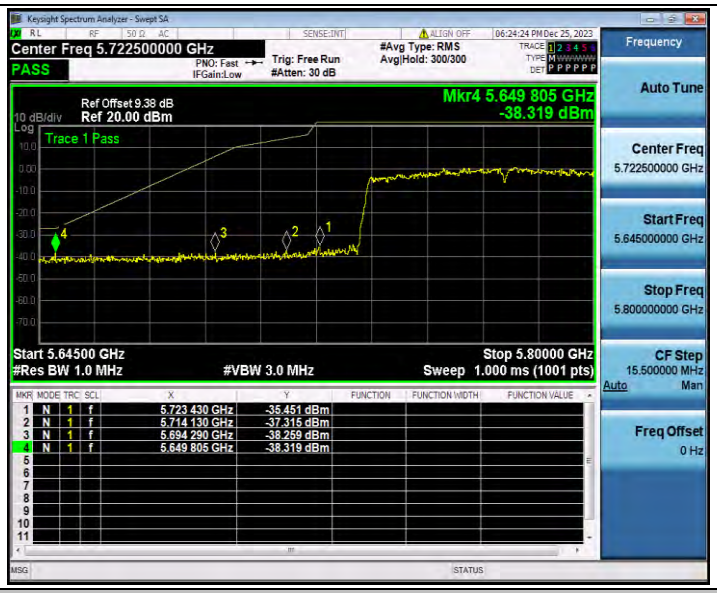


11AC20SISO_Ant0_High_5825

11AC40SISO_Ant0_Low_5755



11AC40SISO_Ant0_High_5795



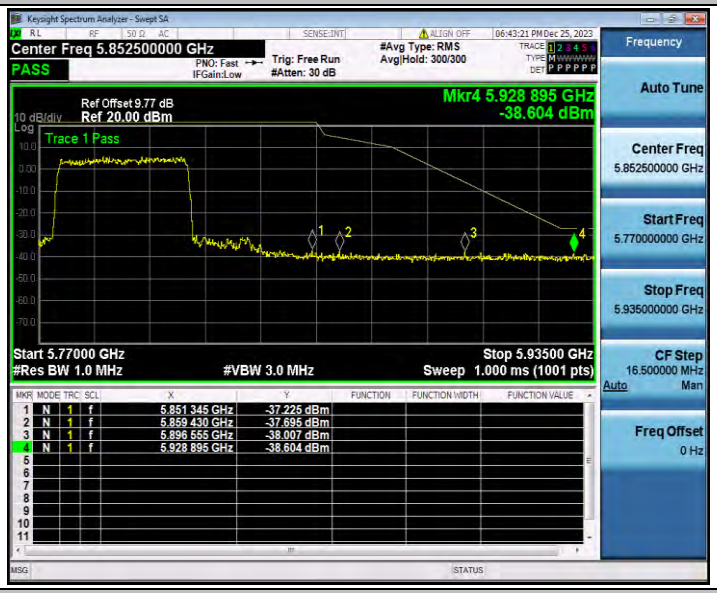
11AC80SISO_Ant0_Low_5775

11AC80SISO_Ant0_High_5775

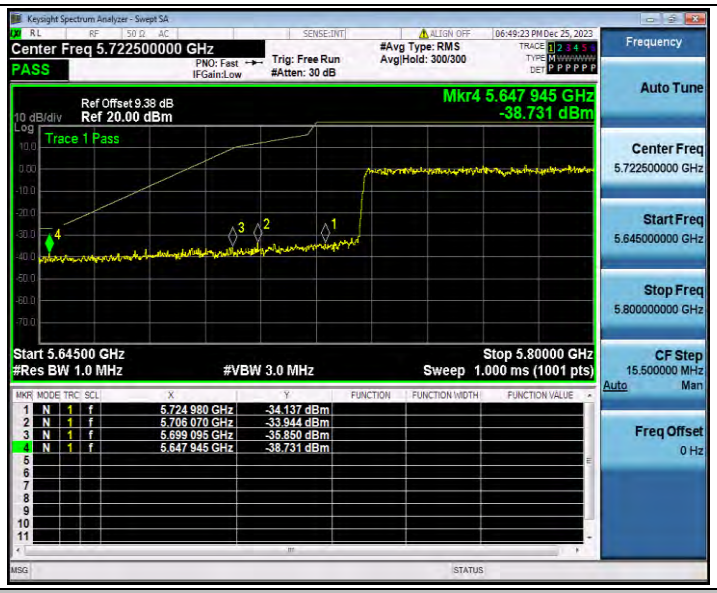
11AX20SISO_Ant0_Low_5745

11AX20SISO_Ant0_High_5825

11AX40SISO_Ant0_Low_5755



11AX40SISO_Ant0_High_5795



11AX80SISO_Ant0_Low_5775

11AX80SISO_Ant0_High_5775

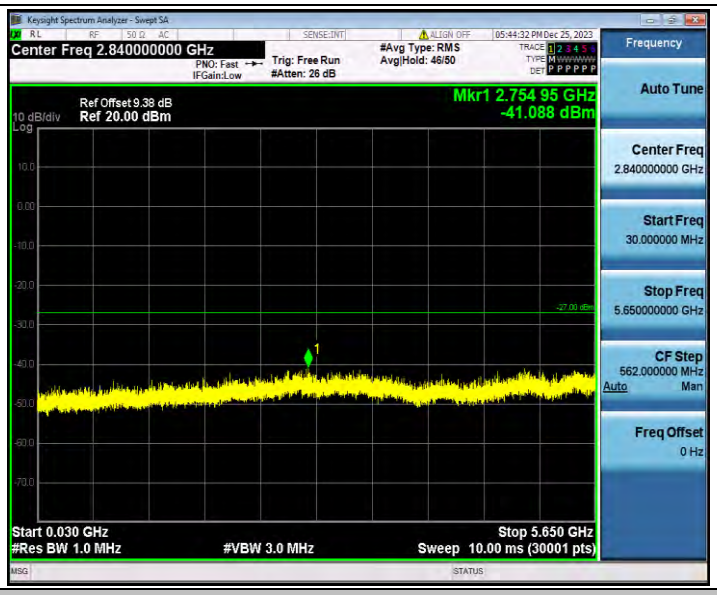
Appendix G.7: Conducted Spurious Emission

Test Result

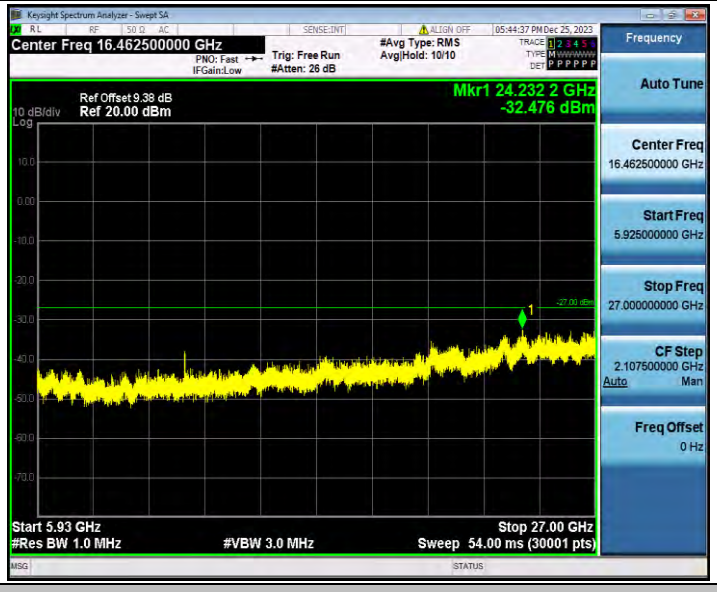
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	30~5650	2754.95	-41.09	≤-27	PASS
			5925~40000	24232.15	-32.48	≤-27	PASS
		5785	30~5650	2670.65	-40.45	≤-27	PASS
			5925~40000	26812.43	-32.11	≤-27	PASS
		5825	30~5650	2658.66	-40.6	≤-27	PASS
			5925~40000	24245.5	-32.26	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	5478.96	-39.97	≤-27	PASS
			5925~40000	24269.38	-33.04	≤-27	PASS
		5785	30~5650	5419.95	-40.77	≤-27	PASS
			5925~40000	24981.02	-31.78	≤-27	PASS
		5825	30~5650	5429.51	-40.3	≤-27	PASS
			5925~40000	24770.27	-31.57	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	5482.71	-40.54	≤-27	PASS
			5925~40000	24900.93	-32.81	≤-27	PASS
		5795	30~5650	5455.55	-40.49	≤-27	PASS
			5925~40000	25292.22	-31.04	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	3168.02	-40.95	≤-27	PASS
			5925~40000	24223.02	-32.39	≤-27	PASS
		5785	30~5650	3031.45	-40.53	≤-27	PASS
			5925~40000	24841.22	-32.42	≤-27	PASS
		5825	30~5650	5453.3	-40.7	≤-27	PASS
			5925~40000	24195.62	-32.56	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	5459.29	-40.33	≤-27	PASS
			5925~40000	26553.21	-32.77	≤-27	PASS
		5795	30~5650	5439.62	-38.9	≤-27	PASS
			5925~40000	26037.58	-32.07	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	2656.23	-40.68	≤-27	PASS
			5925~40000	24895.31	-31.67	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	2653.04	-40.63	≤-27	PASS
			5925~40000	24879.15	-32.83	≤-27	PASS
		5785	30~5650	5412.65	-40.45	≤-27	PASS
			5925~40000	26863.72	-32.71	≤-27	PASS
		5825	30~5650	5422.58	-40.51	≤-27	PASS
			5925~40000	23510.68	-32.14	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	4978.41	-40.87	≤-27	PASS
			5925~40000	25698.97	-32.08	≤-27	PASS

		5795	30~5650	5465.29	-40.81	≤-27	PASS
			5925~40000	24223.02	-32.17	≤-27	PASS
11AX80SISO	Ant0	5775	30~5650	3244.64	-41.42	≤-27	PASS
			5925~40000	24235.66	-33.15	≤-27	PASS

Test Graphs



11A_Ant0_5745_30~5650



11A_Ant0_5745_5925~40000

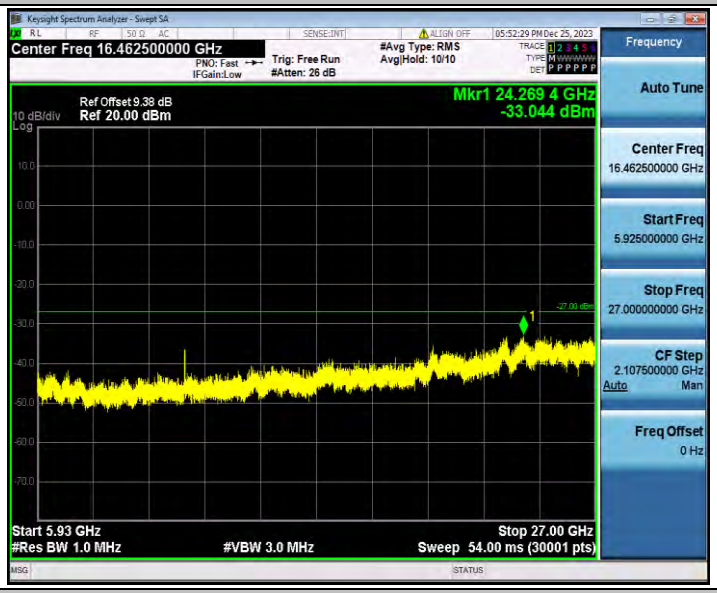
11A_Ant0_5785_30~5650

11A_Ant0_5785_5925~40000

11A_Ant0_5825_30~5650

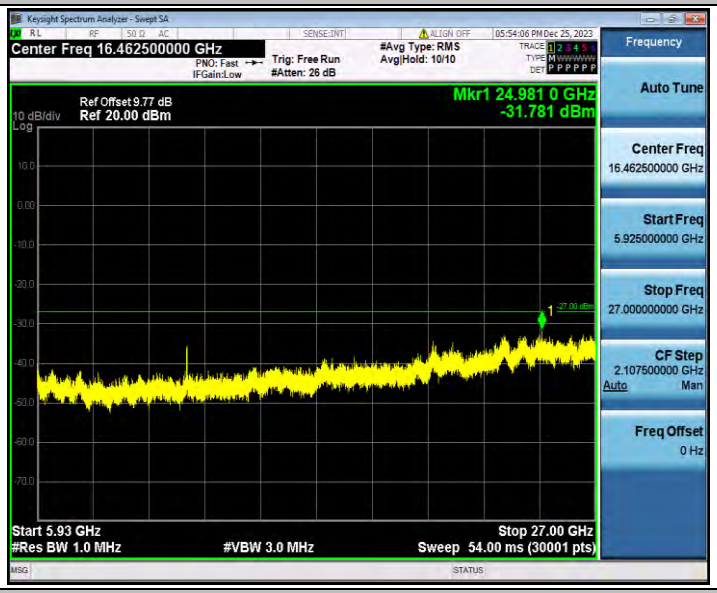
11A_Ant0_5825_5925~40000

11N20SISO_Ant0_5745_30~5650



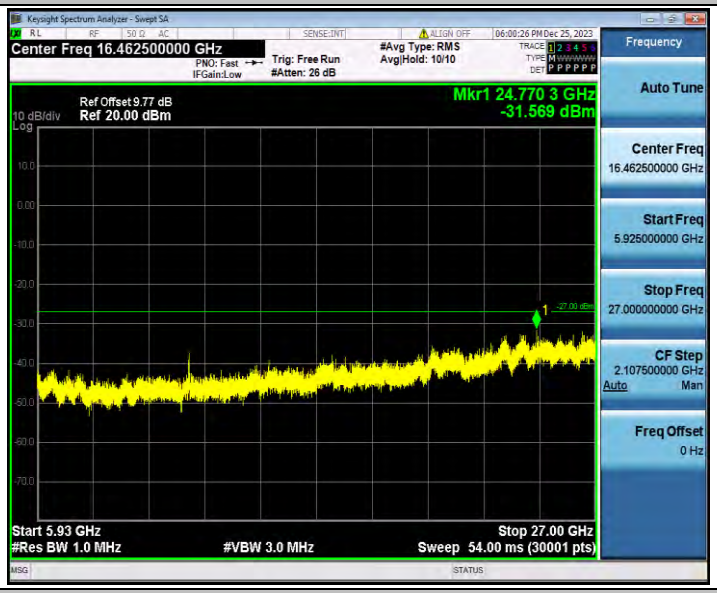
11N20SISO_Ant0_5745_5925~40000

11N20SISO_Ant0_5785_30~5650



11N20SISO_Ant0_5785_5925~40000

11N20SISO_Ant0_5825_30~5650



11N20SISO_Ant0_5825_5925~40000

11N40SISO_Ant0_5755_30~5650

11N40SISO_Ant0_5755_5925~40000

11N40SISO_Ant0_5795_30~5650

11N40SISO_Ant0_5795_5925~40000

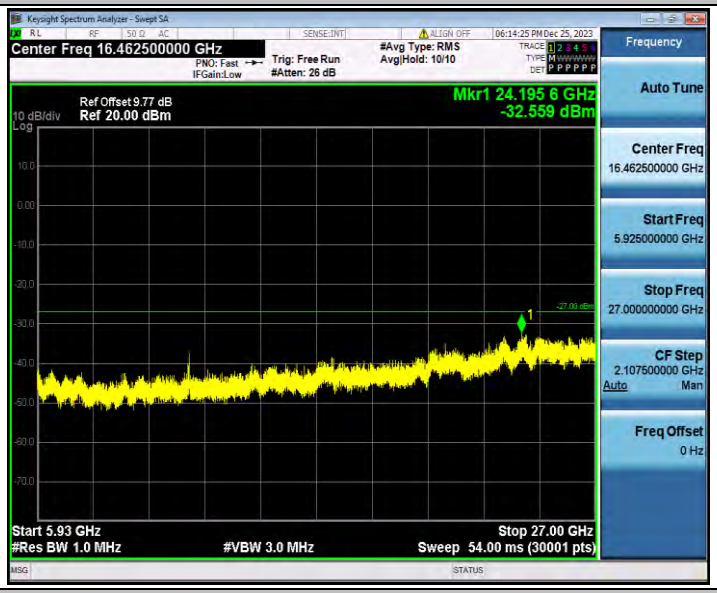
11AC20SISO_Ant0_5745_30~5650

11AC20SISO_Ant0_5745_5925~40000

11AC20SISO_Ant0_5785_30~5650

11AC20SISO_Ant0_5785_5925~40000

11AC20SISO_Ant0_5825_30~5650



11AC20SISO_Ant0_5825_5925~40000

11AC40SISO_Ant0_5755_30~5650

11AC40SISO_Ant0_5755_5925~40000

11AC40SISO_Ant0_5795_30~5650

11AC40SISO_Ant0_5795_5925~40000

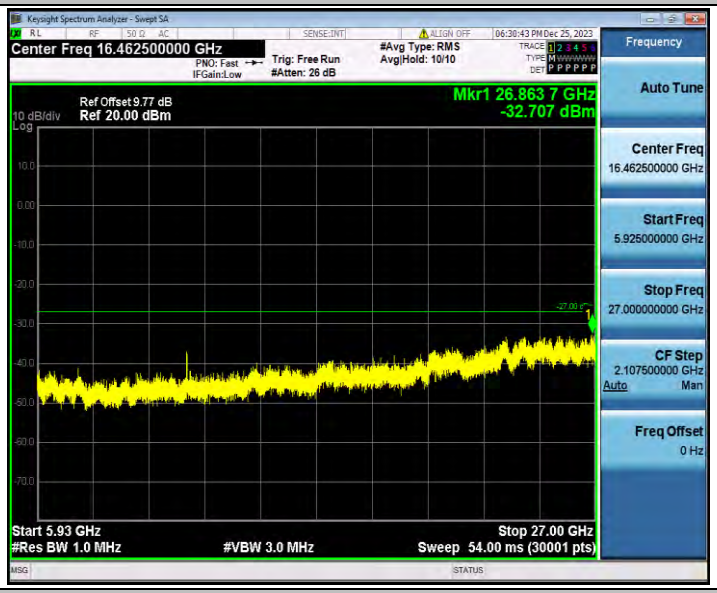
11AC80SISO_Ant0_5775_30~5650

11AC80SISO_Ant0_5775_5925~40000

11AX20SISO_Ant0_5745_30~5650

11AX20SISO_Ant0_5745_5925~40000

11AX20SISO_Ant0_5785_30~5650



11AX20SISO_Ant0_5785_5925~40000

11AX20SISO_Ant0_5825_30~5650

11AX20SISO_Ant0_5825_5925~40000

11AX40SISO_Ant0_5755_30~5650

11AX40SISO_Ant0_5755_5925~40000

11AX40SISO_Ant0_5795_30~5650

11AX40SISO_Ant0_5795_5925~40000

11AX80SISO_Ant0_5775_30~5650

11AX80SISO_Ant0_5775_5925~40000