

Appendix G.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	10.91	97.51	0.11	11.02	≤30.00	PASS
		5785	12.28	97.16	0.13	12.41	≤30.00	PASS
		5825	12.34	97.68	0.10	12.44	≤30.00	PASS
11N20SI SO	Ant1	5745	10.76	97.28	0.12	10.88	≤30.00	PASS
		5785	12.05	97.46	0.11	12.16	≤30.00	PASS
		5825	12.23	97.28	0.12	12.35	≤30.00	PASS
11N40SI SO	Ant1	5755	11.08	97.35	0.12	11.20	≤30.00	PASS
		5795	12.02	97.17	0.12	12.14	≤30.00	PASS
11AC20S ISO	Ant1	5745	11.01	97.29	0.12	11.13	≤30.00	PASS
		5785	12.45	97.46	0.11	12.56	≤30.00	PASS
		5825	12.32	97.29	0.12	12.44	≤30.00	PASS
11AC40S ISO	Ant1	5755	11.14	97.18	0.12	11.26	≤30.00	PASS
		5795	12.00	97.36	0.12	12.12	≤30.00	PASS
11AX20SI SO	Ant1	5745	10.64	97.29	0.12	10.76	≤30.00	PASS
		5785	11.93	97.08	0.13	12.06	≤30.00	PASS
		5825	12.11	97.08	0.13	12.24	≤30.00	PASS
11AX40SI SO	Ant1	5755	11.12	97.07	0.13	11.25	≤30.00	PASS
		5795	12.10	97.28	0.12	12.22	≤30.00	PASS

Note:

1. The Duty Cycle Factor is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the data.

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.44	≤30.00	PASS
		5785	-1.07	≤30.00	PASS
		5825	-0.93	≤30.00	PASS
11N20SISO	Ant1	5745	-2.69	≤30.00	PASS
		5785	-1.44	≤30.00	PASS
		5825	-1.29	≤30.00	PASS
11N40SISO	Ant1	5755	-5.20	≤30.00	PASS
		5795	-4.26	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.61	≤30.00	PASS
		5785	-1.23	≤30.00	PASS
		5825	-1.14	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.01	≤30.00	PASS
		5795	-4.28	≤30.00	PASS
11AX20SISO	Ant1	5745	-3.15	≤30.00	PASS
		5785	-1.75	≤30.00	PASS
		5825	-1.48	≤30.00	PASS
11AX40SISO	Ant1	5755	-5.41	≤30.00	PASS
		5795	-4.59	≤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

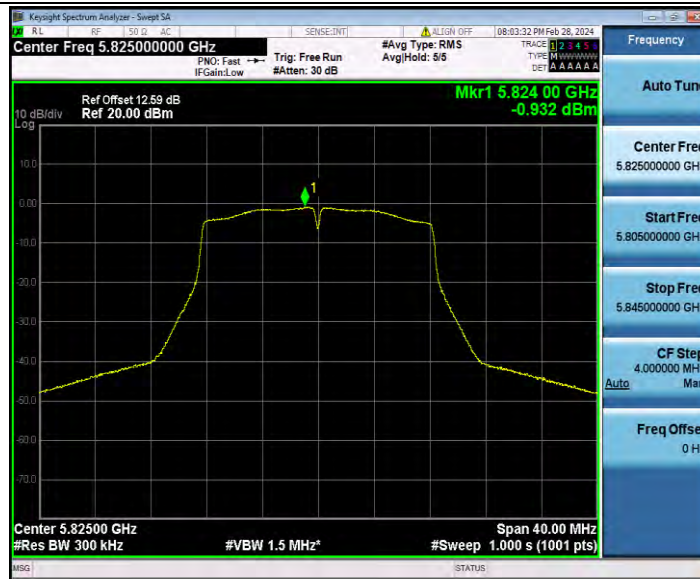
11A_Ant1_5745



11A_Ant1_5785



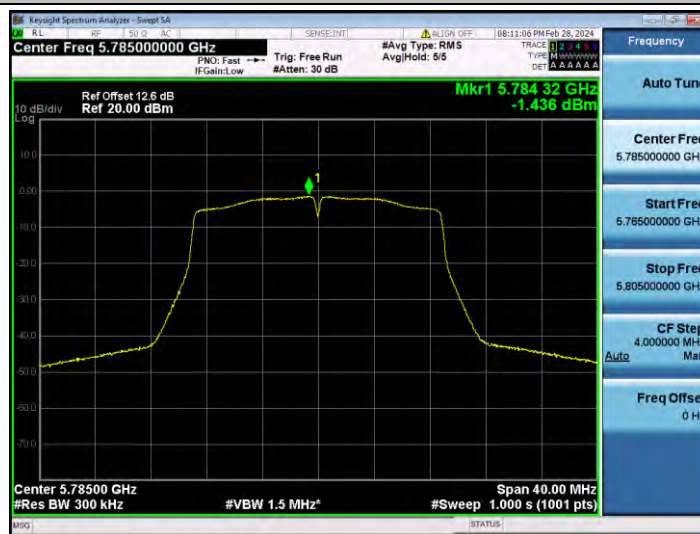
11A_Ant1_5825



11N20SISO_Ant1_5745



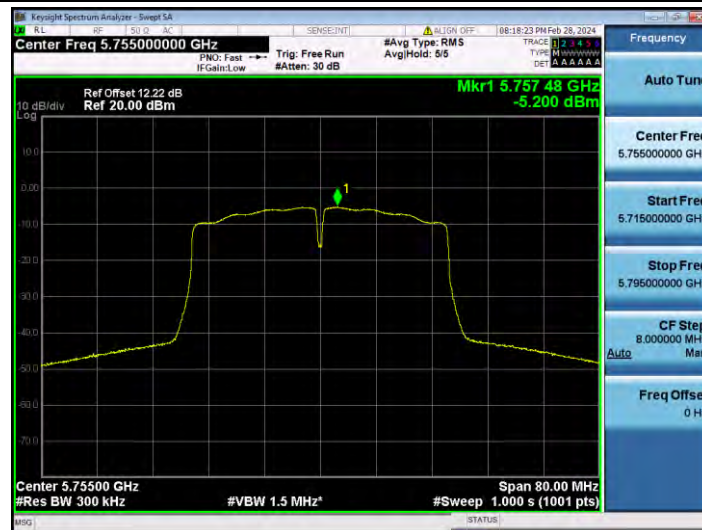
11N20SISO_Ant1_5785



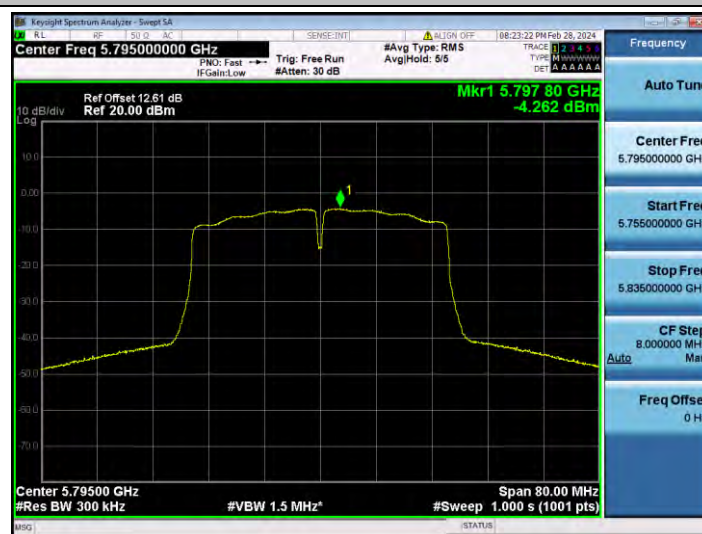
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



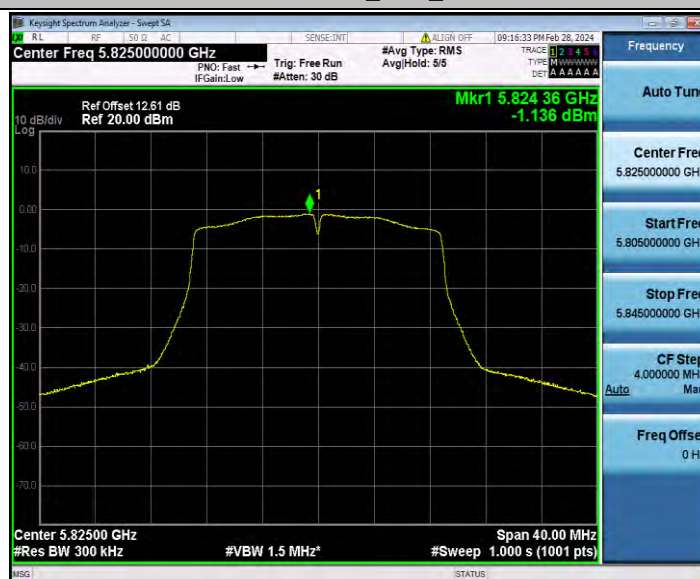
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



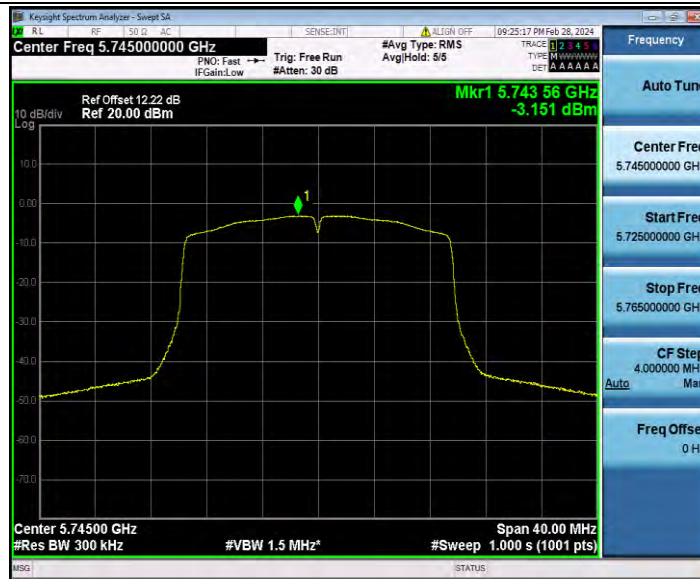
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



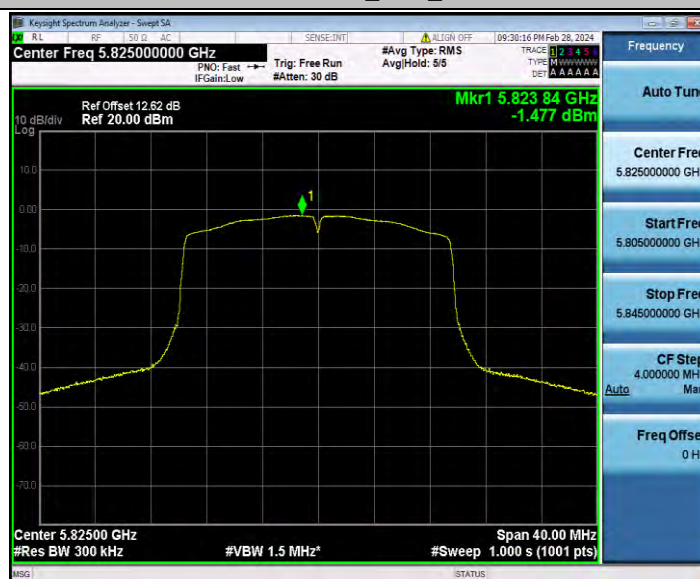
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



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	-39.76	≤-26.87	PASS
				5700~5720	-30.47	≤15.01	PASS
				5720~5725	-34.69	≤18.18	PASS
				5760~5650	-39.26	≤-27	PASS
		High	5825	5850~5855	-33.06	≤15.73	PASS
				5855~5875	-32.95	≤15.12	PASS
				5875~5925	-39.06	≤-26.51	PASS
				5925~5935	-38.51	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.39	≤-25.85	PASS
				5700~5720	-30.01	≤14.27	PASS
				5720~5725	-31.35	≤19.75	PASS
				5760~5650	-39.03	≤-27	PASS
		High	5825	5850~5855	-33.42	≤20.34	PASS
				5855~5875	-29.38	≤15.46	PASS
				5875~5925	-39.2	≤-26.61	PASS
				5925~5935	-37.94	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.71	≤-26.80	PASS
				5700~5720	-29.44	≤14.82	PASS
				5720~5725	-22.31	≤21.58	PASS
				5780~5650	-39.41	≤-27	PASS
		High	5795	5850~5855	-40.07	≤15.66	PASS
				5855~5875	-36.27	≤11.73	PASS
				5875~5925	-40.15	≤-26.71	PASS
				5925~5935	-38.65	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.21	≤-26.70	PASS
				5700~5720	-29.23	≤14.60	PASS
				5720~5725	-35.26	≤17.13	PASS
				5760~5650	-38.63	≤-27	PASS
		High	5825	5850~5855	-33.35	≤15.73	PASS
				5855~5875	-32.26	≤15.24	PASS
				5875~5925	-38.42	≤-25.91	PASS
				5925~5935	-38.11	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.49	≤-26.90	PASS
				5700~5720	-30.72	≤14.60	PASS
				5720~5725	-32.08	≤15.74	PASS
				5780~5650	-39.07	≤-27	PASS

		High	5795	5850~5855	-37.47	≤ 16.41	PASS
				5855~5875	-38.61	≤ 10.53	PASS
				5875~5925	-39.52	≤ -26.46	PASS
				5925~5935	-38.71	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.34	≤ -26.36	PASS
				5700~5720	-32.76	≤ 15.53	PASS
				5720~5725	-32.36	≤ 16.60	PASS
				5760~5650	-39.69	≤ -27	PASS
		High	5825	5850~5855	-31.72	≤ 16.96	PASS
				5855~5875	-33.58	≤ 14.18	PASS
				5875~5925	-39.2	≤ -26.11	PASS
				5925~5935	-38.4	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.07	≤ -26.10	PASS
				5700~5720	-35.89	≤ 11.61	PASS
				5720~5725	-34.38	≤ 15.74	PASS
				5780~5650	-39.83	≤ -27	PASS
		High	5795	5850~5855	-36.85	≤ 16.41	PASS
				5855~5875	-37.54	≤ 10.62	PASS
				5875~5925	-39.96	≤ -26.95	PASS
				5925~5935	-38.09	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



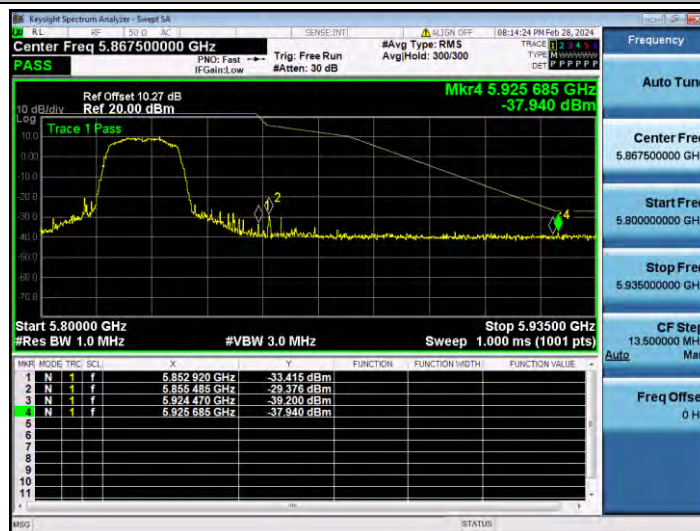
11A_Ant1_High_5825



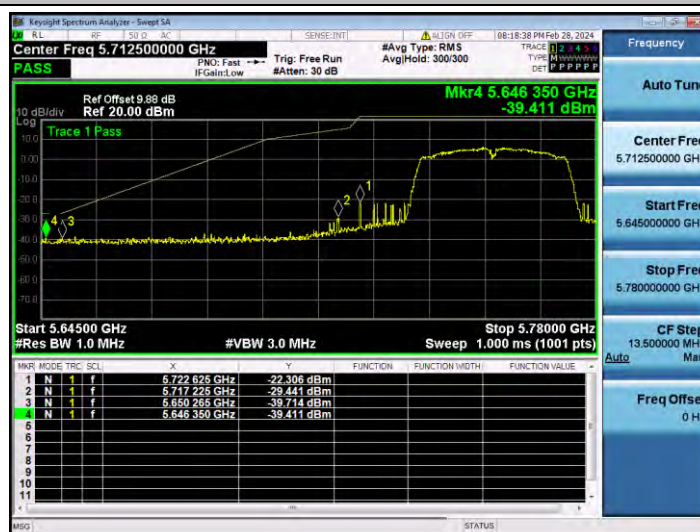
11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



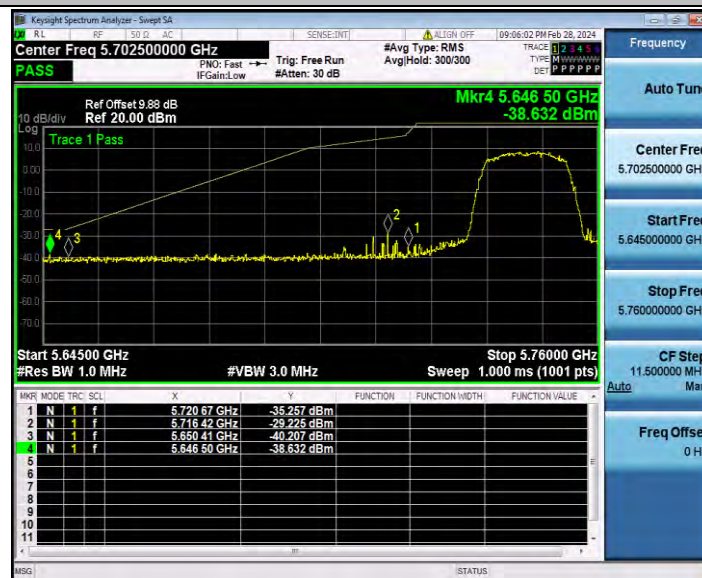
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AX20SISO_Ant1_Low_5745



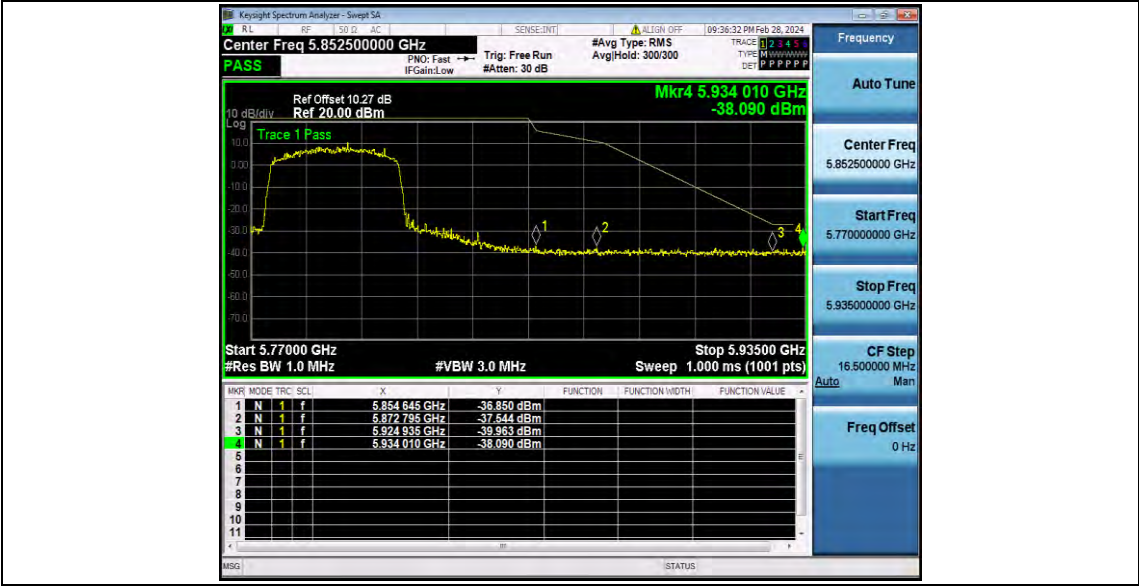
11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795

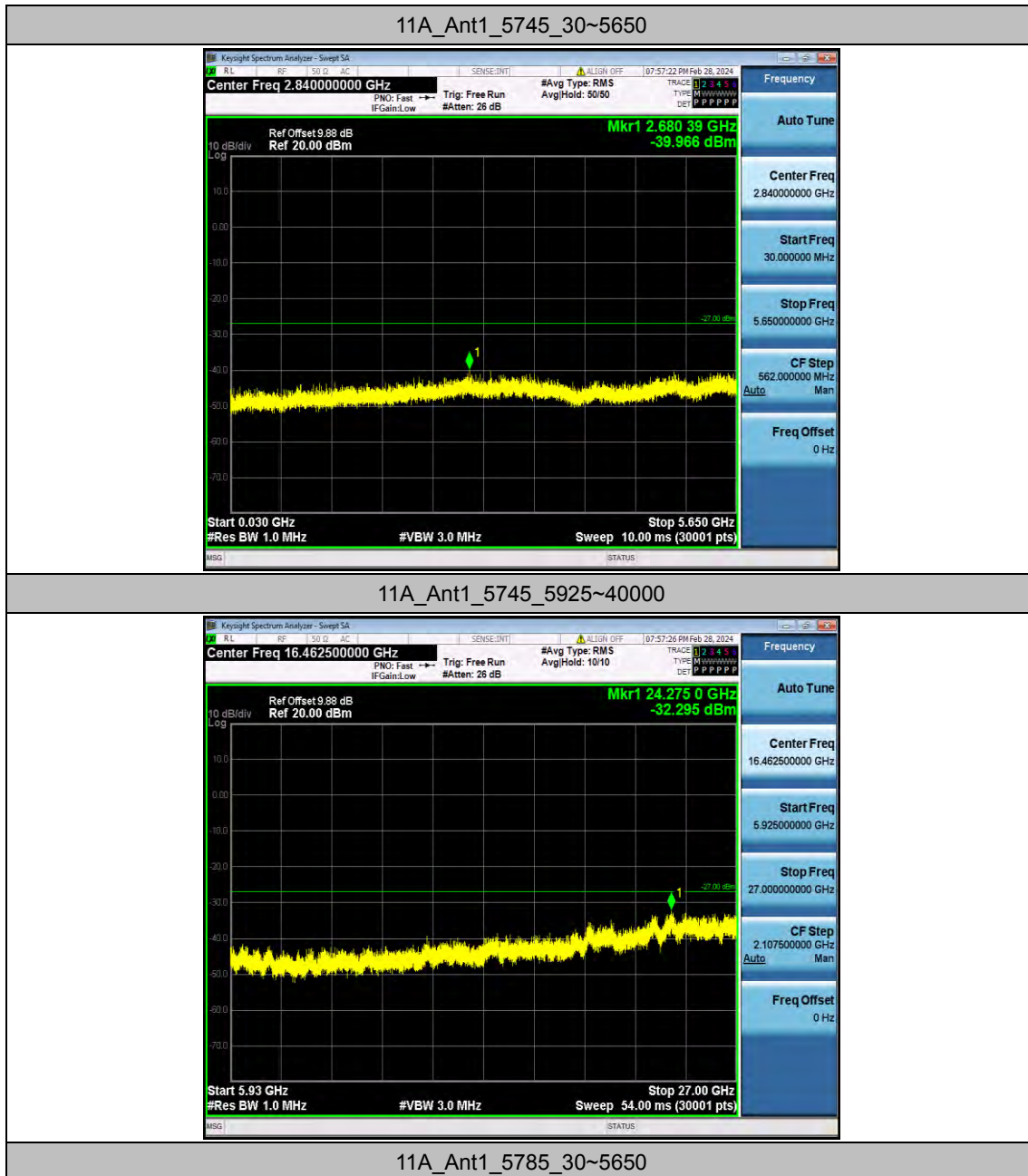


Appendix G.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	2680.39	-39.97	≤-27	PASS
			5925~40000	24275	-32.3	≤-27	PASS
		5785	30~5650	5421.83	-39.06	≤-27	PASS
			5925~40000	26915.7	-31.99	≤-27	PASS
		5825	30~5650	2616.7	-39.97	≤-27	PASS
			5925~40000	26126.09	-31.4	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5510.06	-40.31	≤-27	PASS
			5925~40000	26511.06	-31.97	≤-27	PASS
		5785	30~5650	5649.63	-40.08	≤-27	PASS
			5925~40000	26667.72	-30.58	≤-27	PASS
		5825	30~5650	4876.88	-40.29	≤-27	PASS
			5925~40000	24248.31	-31.51	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5327.41	-40.45	≤-27	PASS
			5925~40000	26905.87	-32.67	≤-27	PASS
		5795	30~5650	4910.97	-40.07	≤-27	PASS
			5925~40000	26839.83	-31.62	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5418.64	-40.35	≤-27	PASS
			5925~40000	23528.25	-32.58	≤-27	PASS
		5785	30~5650	5422.02	-39.55	≤-27	PASS
			5925~40000	24194.92	-31.38	≤-27	PASS
		5825	30~5650	5410.03	-39.6	≤-27	PASS
			5925~40000	26709.87	-31.79	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5445.62	-40.24	≤-27	PASS
			5925~40000	24225.83	-31.79	≤-27	PASS
		5795	30~5650	5461.92	-39.96	≤-27	PASS
			5925~40000	26666.31	-30.76	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5389.42	-39.13	≤-27	PASS
			5925~40000	24186.49	-32.07	≤-27	PASS
		5785	30~5650	5433.63	-39.83	≤-27	PASS
			5925~40000	26561.64	-31.84	≤-27	PASS
		5825	30~5650	5013.07	-39.73	≤-27	PASS
			5925~40000	24252.52	-32.12	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	2610.89	-38.62	≤-27	PASS
			5925~40000	26757.64	-32.21	≤-27	PASS
		5795	30~5650	5618.34	-39.95	≤-27	PASS
			5925~40000	24301	-31.52	≤-27	PASS

Test Graphs

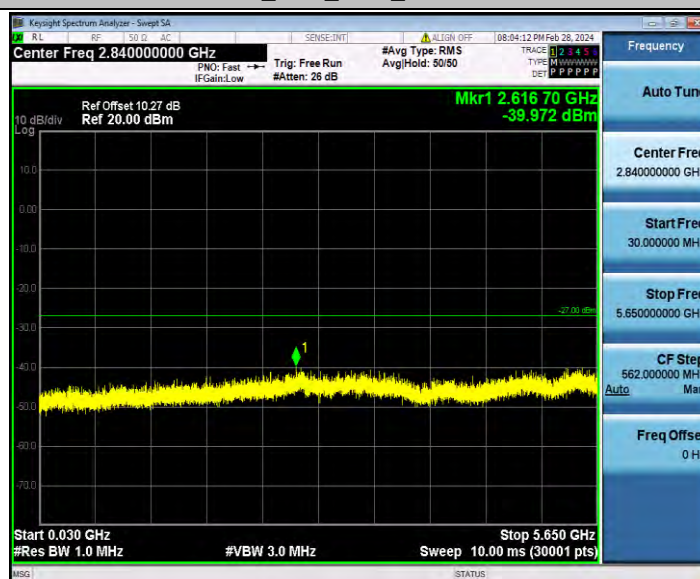




11A_Ant1_5785_5925~40000



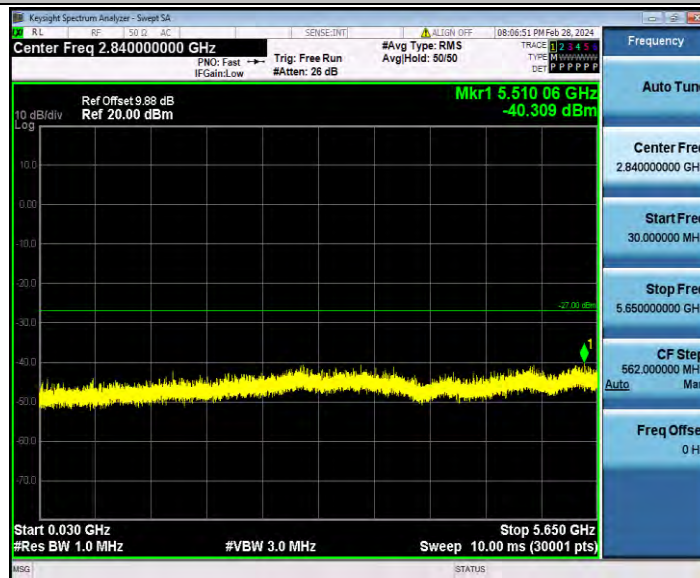
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



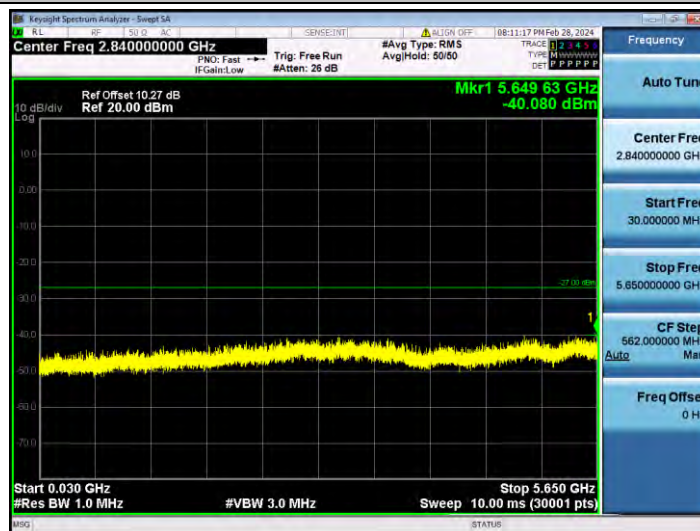
11N20SISO_Ant1_5745_30~5650



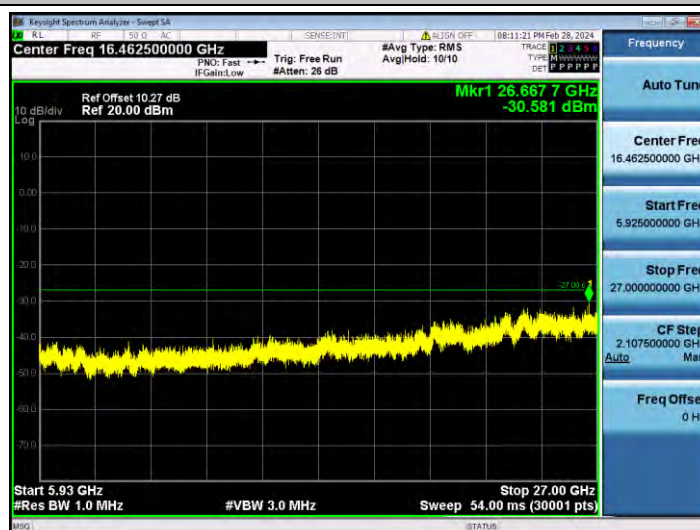
11N20SISO_Ant1_5745_5925~40000



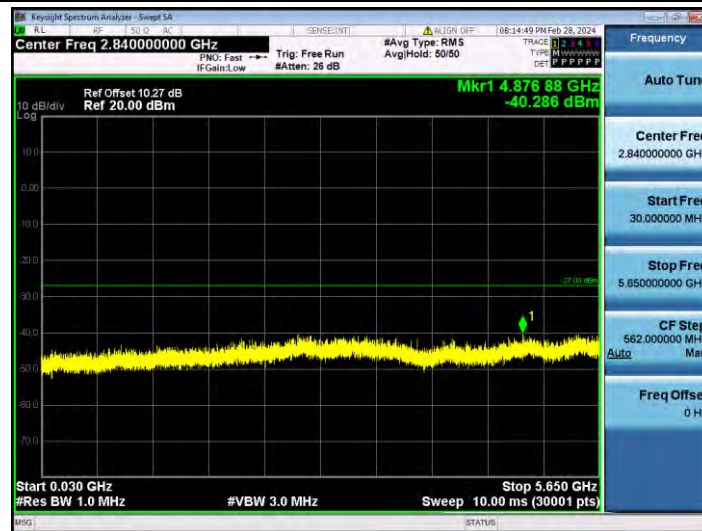
11N20SISO_Ant1_5785_30~5650



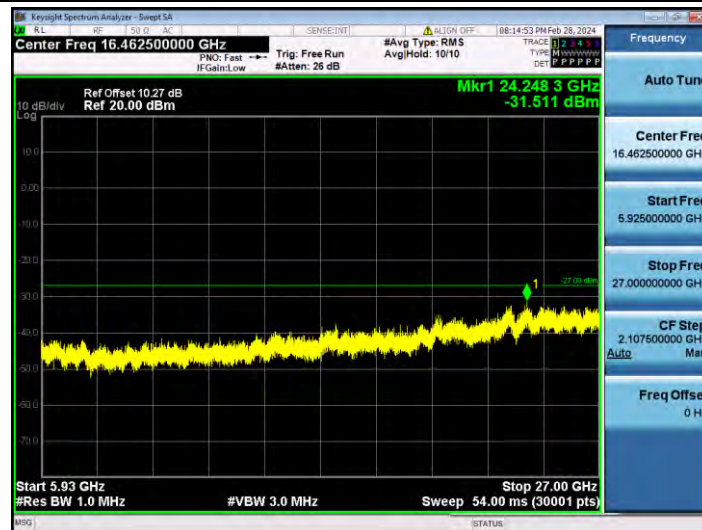
11N20SISO_Ant1_5785_5925~40000



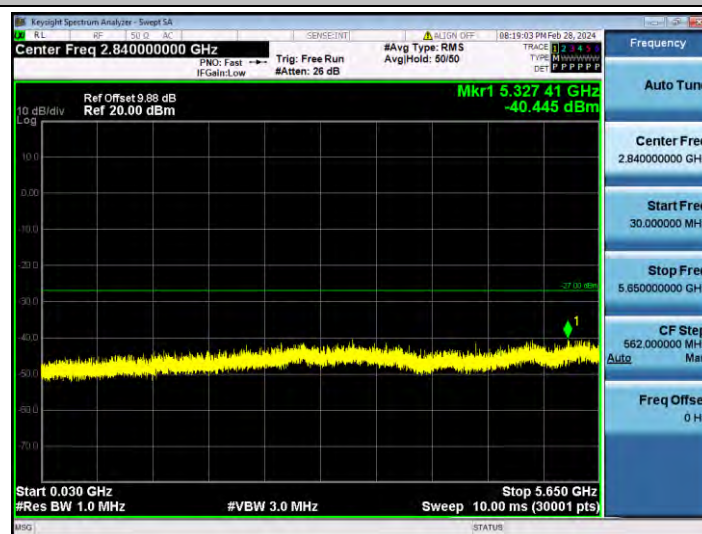
11N20SISO_Ant1_5825_30~5650



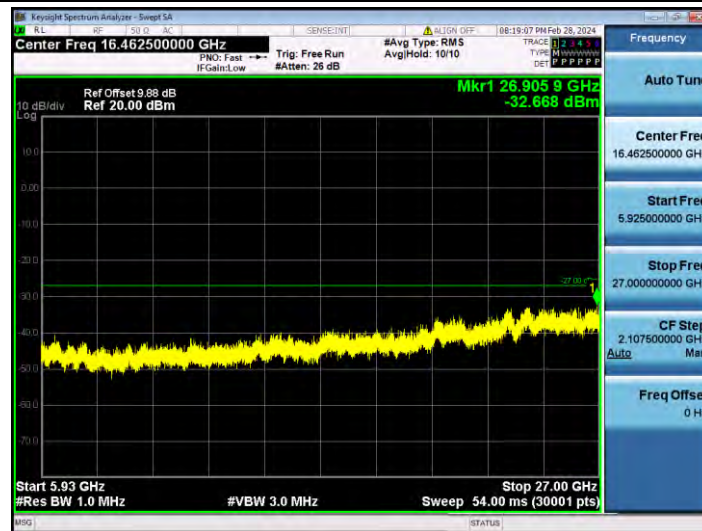
11N20SISO_Ant1_5825_5925~40000



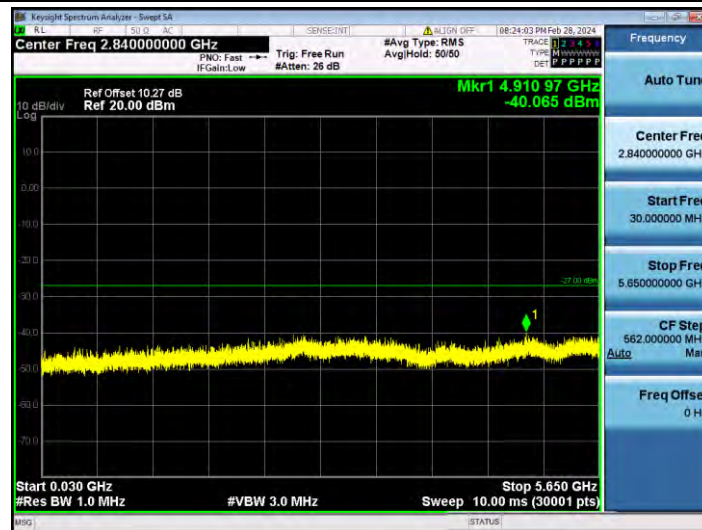
11N40SISO_Ant1_5755_30~5650



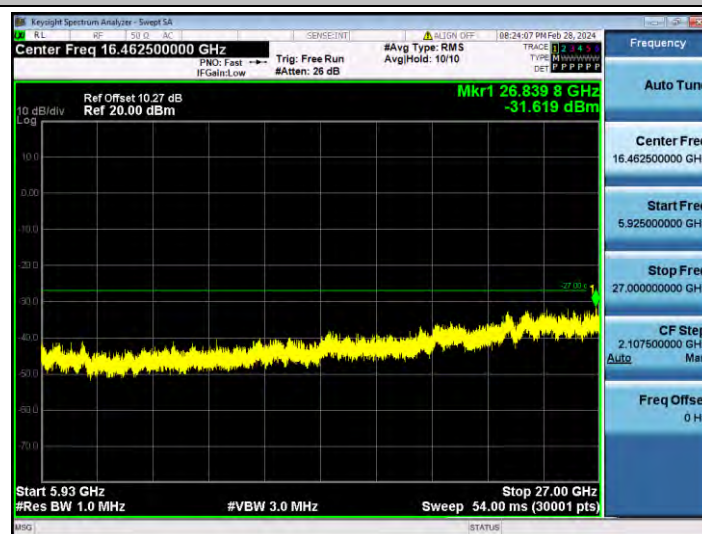
11N40SISO_Ant1_5755_5925~40000



11N40SISO_Ant1_5795_30~5650



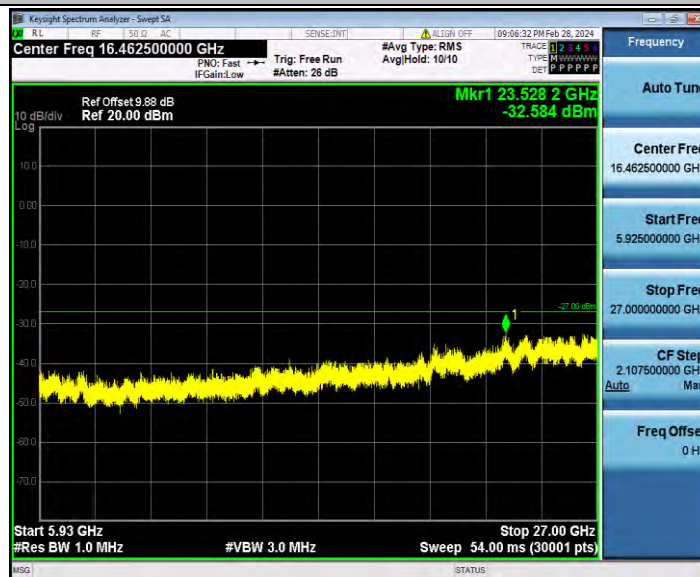
11N40SISO_Ant1_5795_5925~40000



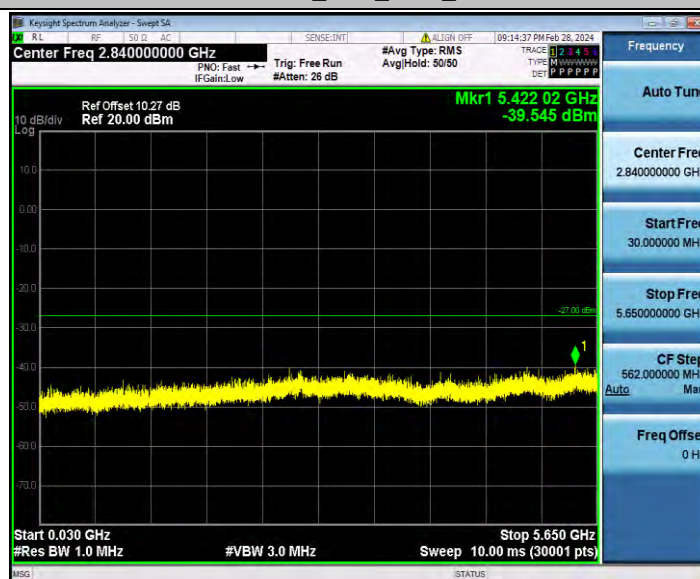
11AC20SISO_Ant1_5745_30~5650



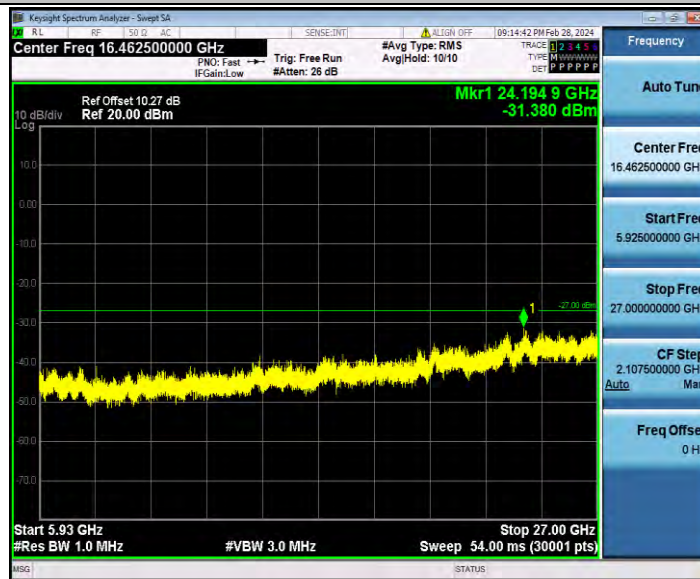
11AC20SISO_Ant1_5745_5925~40000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~40000



11AC20SISO_Ant1_5825_30~5650



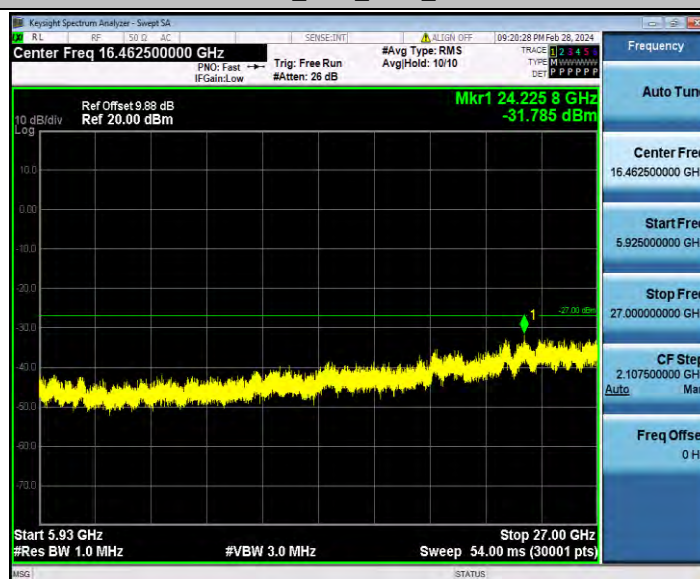
11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5755_30~5650



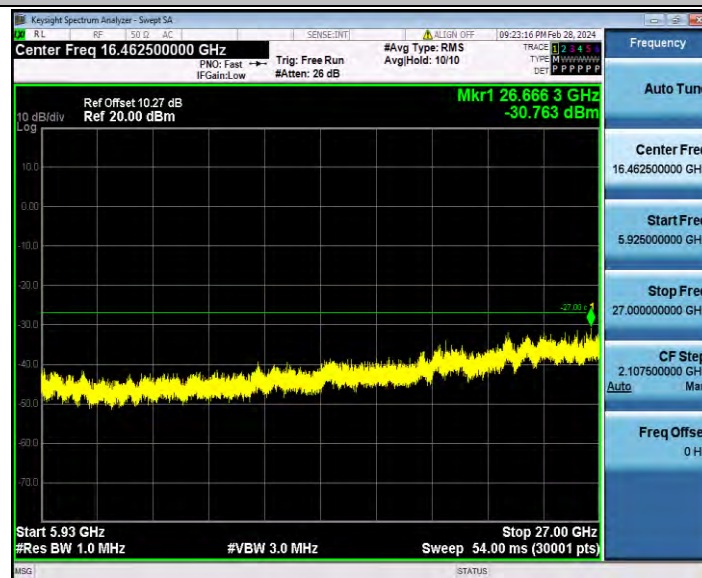
11AC40SISO_Ant1_5755_5925~40000



11AC40SISO_Ant1_5795_30~5650



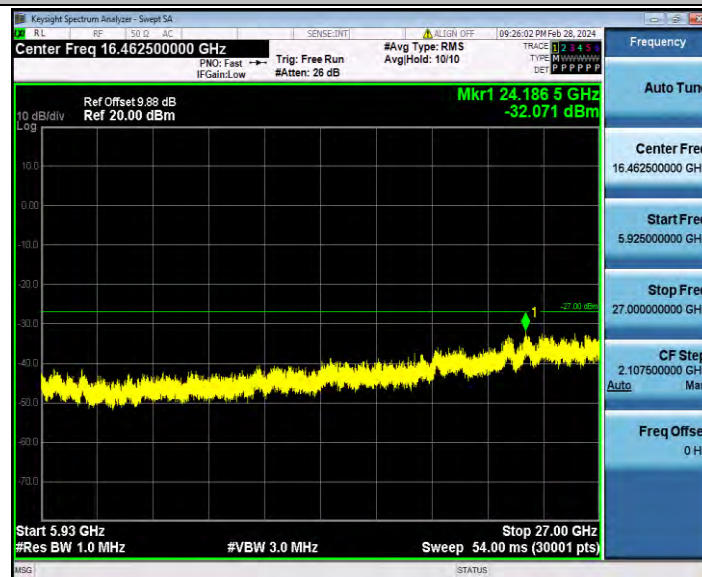
11AC40SISO_Ant1_5795_5925~40000



11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5745_5925~40000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~40000



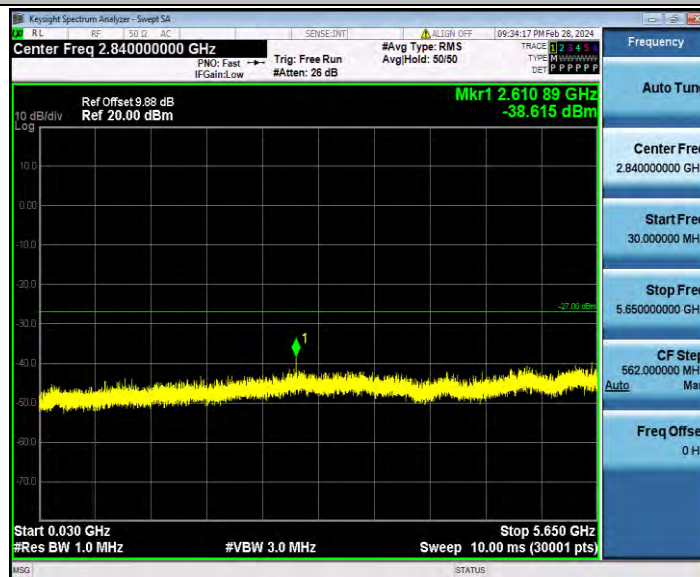
11AX20SISO_Ant1_5825_30~5650



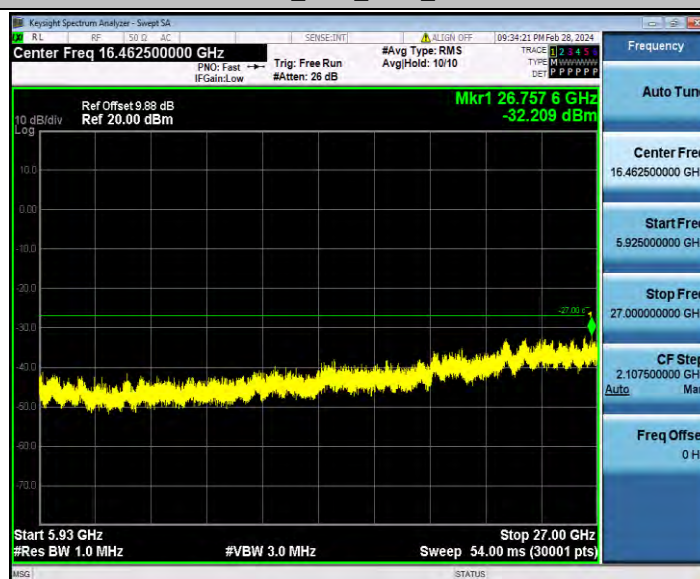
11AX20SISO_Ant1_5825_5925~40000



11AX40SISO_Ant1_5755_30~5650



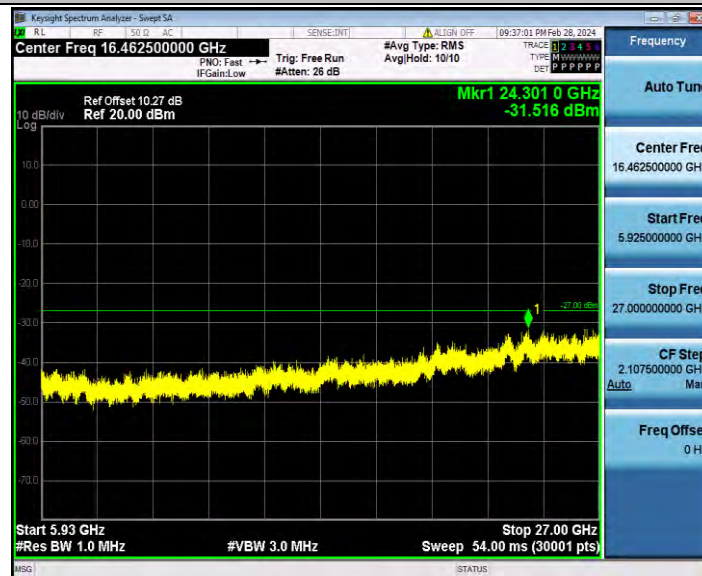
11AX40SISO_Ant1_5755_5925~40000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



Appendix G.8: Emissions in Restricted Bands

Test Result

TestMod e	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-40.389	≤-27.00	PASS
				Peak	5700.000	-37.94	≤10.00	PASS
				Peak	5720.000	-35.87	≤15.60	PASS
				Peak	5725.000	-36.05	≤27.00	PASS
		High	5825	Peak	5850.000	-38.4	≤27.00	PASS
				Peak	5855.000	-37.51	≤15.60	PASS
				Peak	5875.000	-38.39	≤10.00	PASS
				Peak	5925.000	-39.02	≤-27.00	PASS
11N20SI SO	Ant1	Low	5745	Peak	5650.000	-40.44	≤-27.00	PASS
				Peak	5700.000	-39.1	≤10.00	PASS
				Peak	5720.000	-38.66	≤15.60	PASS
				Peak	5725.000	-35.88	≤27.00	PASS
		High	5825	Peak	5850.000	-34.342	≤27.00	PASS
				Peak	5855.000	-38.76	≤15.60	PASS
				Peak	5875.000	-38.47	≤10.00	PASS
				Peak	5925.000	-38.59	≤-27.00	PASS
11N40SI SO	Ant1	Low	5755	Peak	5650.000	-41.238	≤-27.00	PASS
				Peak	5700.000	-38.14	≤10.00	PASS
				Peak	5720.000	-34.18	≤15.60	PASS
				Peak	5725.000	-32.46	≤27.00	PASS
		High	5795	Peak	5850.000	-37.2	≤27.00	PASS
				Peak	5855.000	-39.46	≤15.60	PASS
				Peak	5875.000	-38.56	≤10.00	PASS
				Peak	5925.000	-38.74	≤-27.00	PASS
11AC20 SISO	Ant1	Low	5745	Peak	5650.000	-40.509	≤-27.00	PASS
				Peak	5700.000	-38.75	≤10.00	PASS
				Peak	5720.000	-38.5	≤15.60	PASS
				Peak	5725.000	-34.78	≤27.00	PASS
		High	5825	Peak	5850.000	-30.541	≤27.00	PASS
				Peak	5855.000	-37.78	≤15.60	PASS
				Peak	5875.000	-38.35	≤10.00	PASS
				Peak	5925.000	-38.58	≤-27.00	PASS
11AC40 SISO	Ant1	Low	5755	Peak	5650.000	-39.914	≤-27.00	PASS
				Peak	5700.000	-38.38	≤10.00	PASS
				Peak	5720.000	-33.69	≤15.60	PASS
				Peak	5725.000	-32.34	≤27.00	PASS

		High	5795	Peak	5850.000	-38.426	≤27.00	PASS
				Peak	5855.000	-37.18	≤15.60	PASS
				Peak	5875.000	-38.45	≤10.00	PASS
				Peak	5925.000	-38.57	≤-27.00	PASS
11AX20 SISO	Ant1	Low	5745	Peak	5650.000	-40.59	≤-27.00	PASS
				Peak	5700.000	-38.97	≤10.00	PASS
				Peak	5720.000	-37.33	≤15.60	PASS
				Peak	5725.000	-36.2	≤27.00	PASS
		High	5825	Peak	5850.000	-36.346	≤27.00	PASS
				Peak	5855.000	-36.65	≤15.60	PASS
				Peak	5875.000	-38.78	≤10.00	PASS
				Peak	5925.000	-39.17	≤-27.00	PASS
11AX40 SISO	Ant1	Low	5755	Peak	5650.000	-39.65	≤-27.00	PASS
				Peak	5700.000	-37.71	≤10.00	PASS
				Peak	5720.000	-36.16	≤15.60	PASS
				Peak	5725.000	-31.66	≤27.00	PASS
		High	5795	Peak	5850.000	-37.179	≤27.00	PASS
				Peak	5855.000	-37.6	≤15.60	PASS
				Peak	5875.000	-39.56	≤10.00	PASS
				Peak	5925.000	-39.93	≤-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

11A_Ant1_Low_5745_Peak



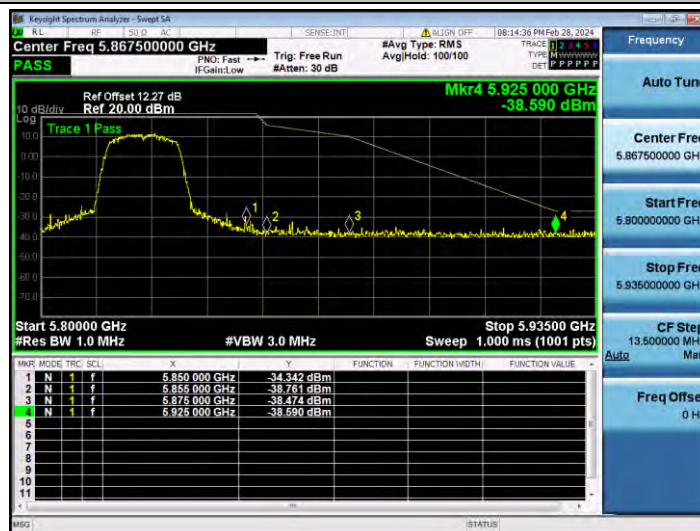
11A_Ant1_High_5825_Peak



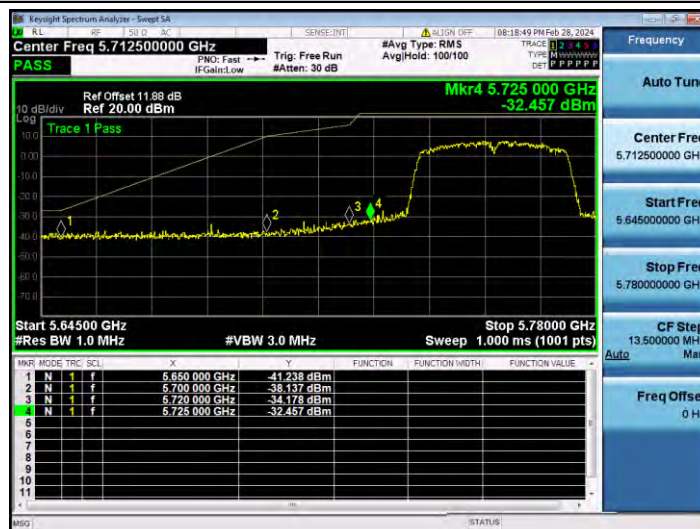
11N20SISO_Ant1_Low_5745_Peak



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



11AX20SISO_Ant1_Low_5745_Peak



11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak

