

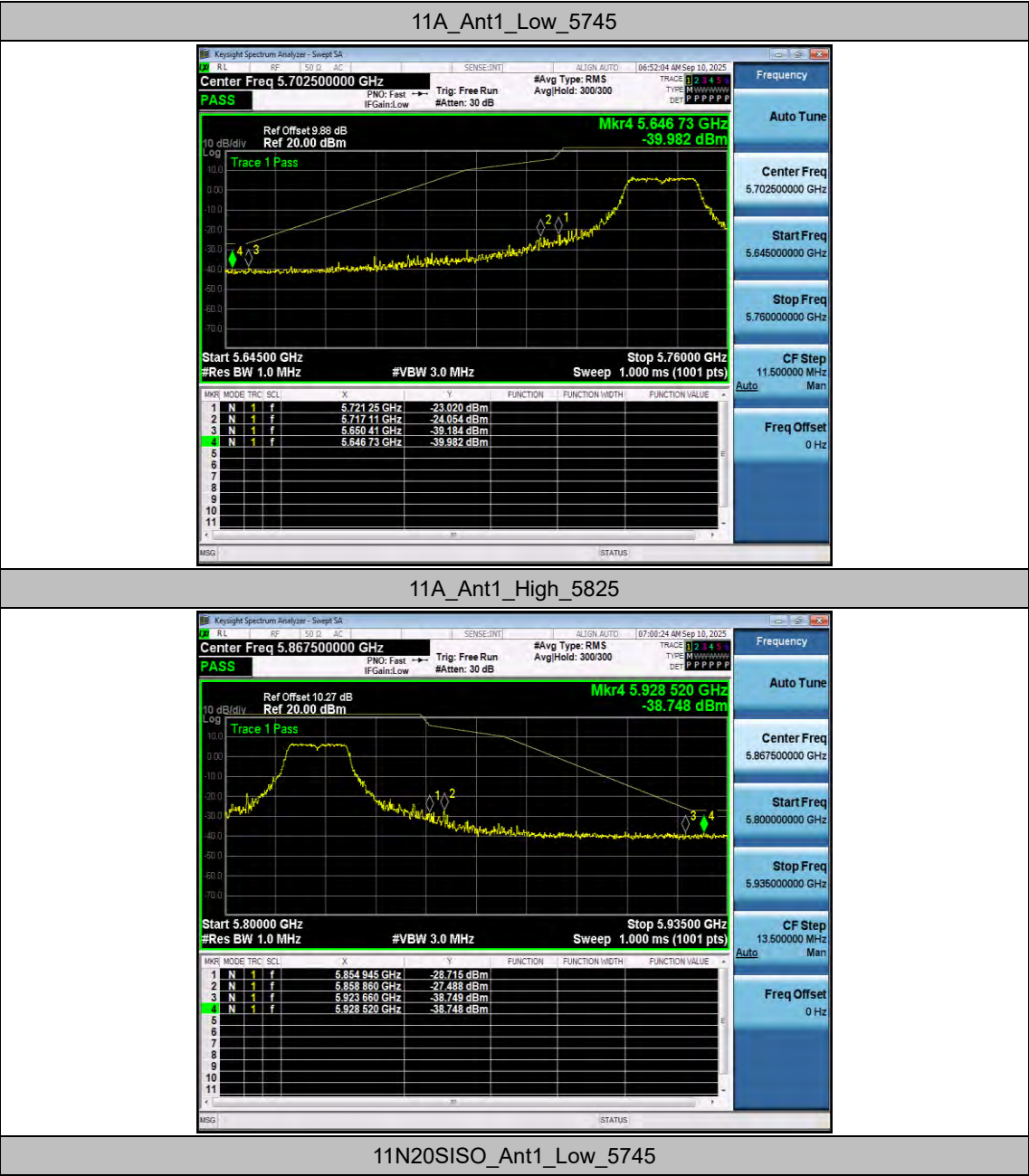
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.18	≤-26.70	PASS
				5700~5720	-24.05	≤14.79	PASS
				5720~5725	-23.02	≤18.44	PASS
				5760~5650	-39.98	≤-27	PASS
		High	5825	5850~5855	-28.72	≤15.73	PASS
				5855~5875	-27.49	≤14.52	PASS
				5875~5925	-38.75	≤-26.01	PASS
				5925~5935	-38.75	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.88	≤-26.96	PASS
				5700~5720	-21.07	≤15.50	PASS
				5720~5725	-20.15	≤16.34	PASS
				5760~5650	-38.86	≤-27	PASS
		High	5825	5850~5855	-23.97	≤17.88	PASS
				5855~5875	-22.08	≤14.94	PASS
				5875~5925	-38.78	≤-25.91	PASS
				5925~5935	-37.38	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-36.18	≤-26.30	PASS
				5700~5720	-21.06	≤12.63	PASS
				5720~5725	-24.02	≤16.04	PASS
				5780~5650	-36.88	≤-27	PASS
		High	5795	5850~5855	-30.18	≤15.66	PASS
				5855~5875	-27.52	≤13.11	PASS
				5875~5925	-38.99	≤-26.46	PASS
				5925~5935	-37.84	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.22	≤-26.45	PASS
				5700~5720	-27.16	≤10.22	PASS
				5720~5725	-20.74	≤16.87	PASS
				5760~5650	-39.6	≤-27	PASS
		High	5825	5850~5855	-24.03	≤19.73	PASS
				5855~5875	-24.98	≤14.25	PASS
				5875~5925	-38.09	≤-25.91	PASS
				5925~5935	-38.54	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-34.34	≤-26.10	PASS
				5700~5720	-22.64	≤10.63	PASS
				5720~5725	-23.9	≤16.35	PASS
				5780~5650	-37.61	≤-27	PASS

		High	5795	5850~5855	-29.61	≤ 16.03	PASS
				5855~5875	-32.59	≤ 10.48	PASS
				5875~5925	-40.3	≤ -26.95	PASS
				5925~5935	-38.21	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.51	≤ -26.96	PASS
				5700~5720	-24.59	≤ 10.89	PASS
				5720~5725	-23.78	≤ 15.82	PASS
				5760~5650	-39.21	≤ -27	PASS
		High	5825	5850~5855	-26.14	≤ 15.73	PASS
				5855~5875	-22.51	≤ 15.28	PASS
				5875~5925	-38.16	≤ -26.51	PASS
				5925~5935	-37.7	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-37.45	≤ -26.70	PASS
				5700~5720	-20.56	≤ 13.80	PASS
				5720~5725	-22.32	≤ 15.74	PASS
				5780~5650	-37.02	≤ -27	PASS
		High	5795	5850~5855	-29.51	≤ 15.66	PASS
				5855~5875	-25.54	≤ 15.24	PASS
				5875~5925	-39.53	≤ -26.71	PASS
				5925~5935	-38.4	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant1_High_5825



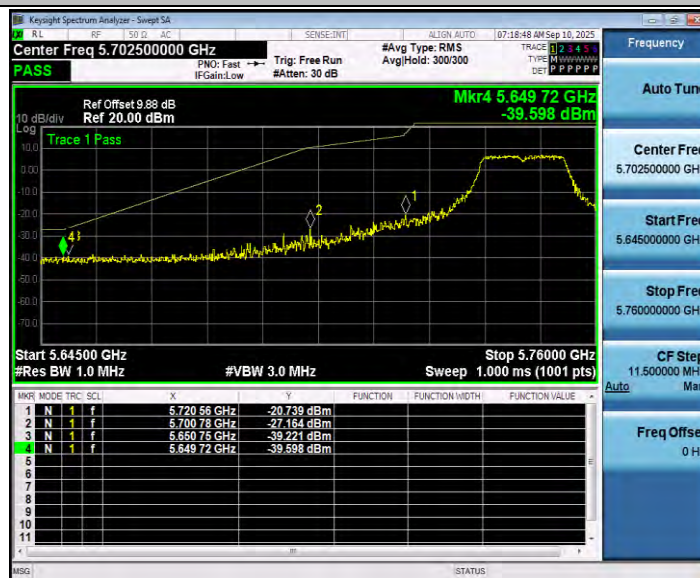
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



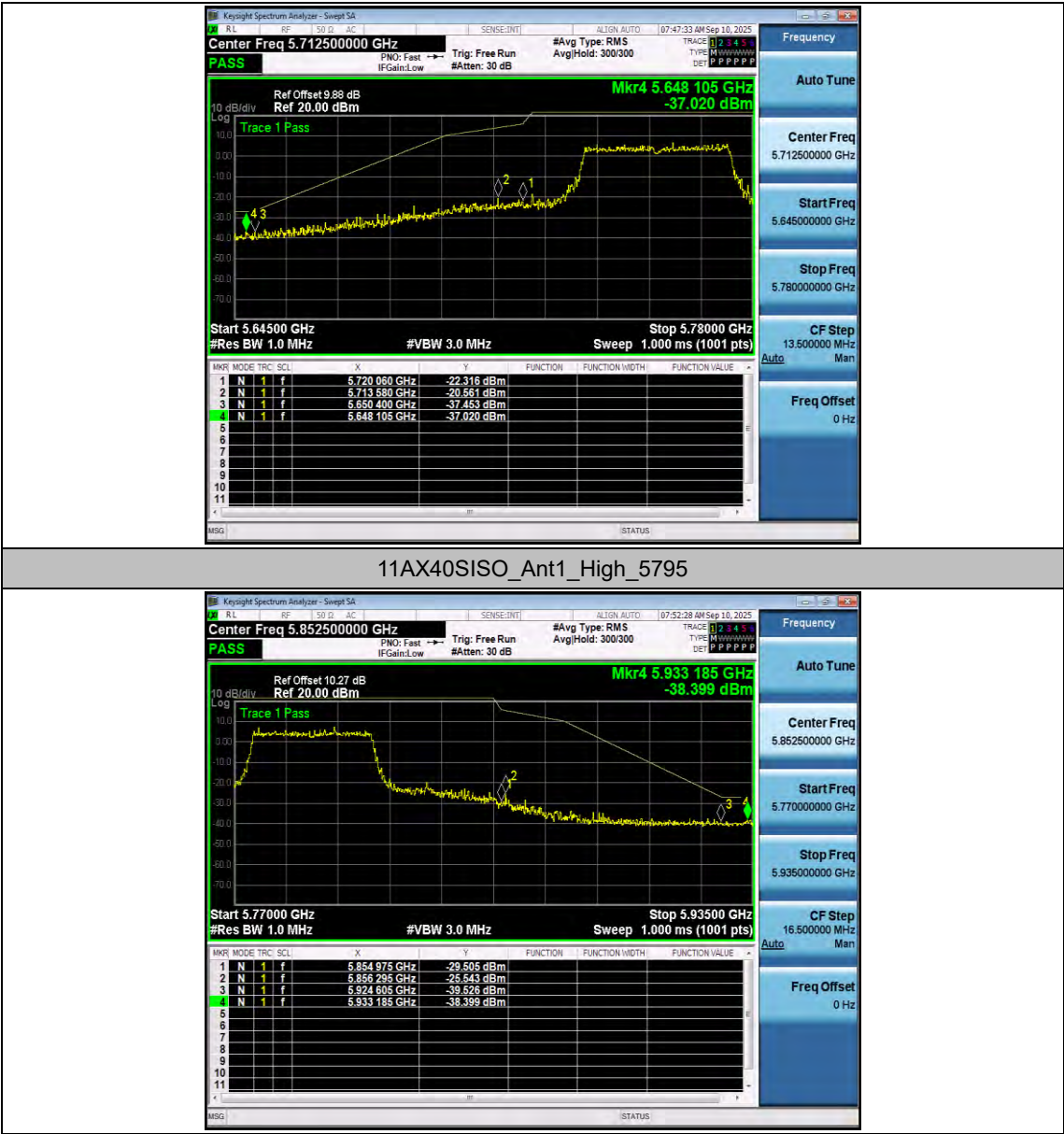
11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795







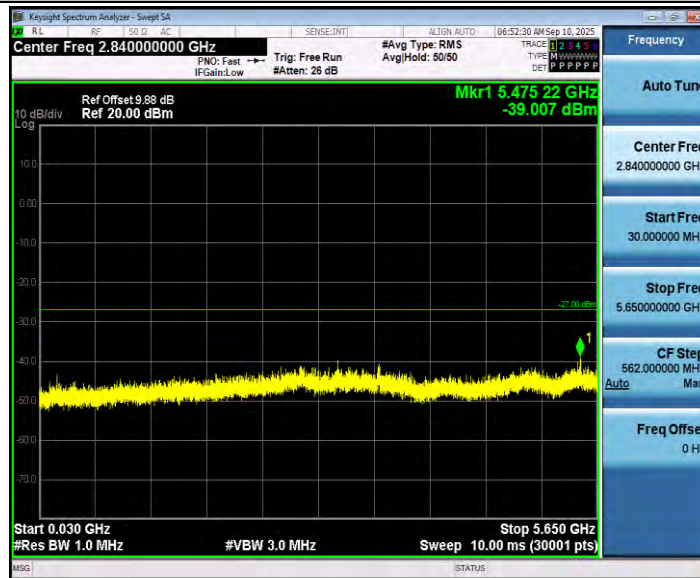
Appendix E.7: Conducted Spurious Emission

Test Result

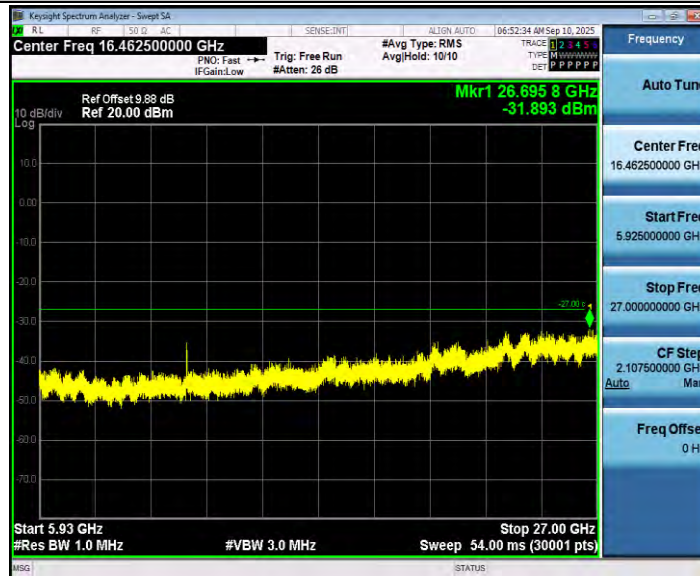
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5475.22	-39.01	≤-27	PASS
			5925~27000	26695.82	-31.89	≤-27	PASS
		5785	30~5650	5527.67	-40.32	≤-27	PASS
			5925~27000	24148.55	-31.71	≤-27	PASS
		5825	30~5650	2659.22	-39.77	≤-27	PASS
			5925~27000	24226.53	-31.28	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	2602.84	-36.45	≤-27	PASS
			5925~27000	24189.3	-30.85	≤-27	PASS
		5785	30~5650	4992.65	-39.56	≤-27	PASS
			5925~27000	24227.94	-31.31	≤-27	PASS
		5825	30~5650	3499.6	-39.92	≤-27	PASS
			5925~27000	23563.37	-31.11	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5647	-38.34	≤-27	PASS
			5925~27000	26800.49	-31.91	≤-27	PASS
		5795	30~5650	2885.33	-40.09	≤-27	PASS
			5925~27000	26642.43	-31.94	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5446.74	-40.49	≤-27	PASS
			5925~27000	24828.57	-32.16	≤-27	PASS
		5785	30~5650	4969.04	-39.47	≤-27	PASS
			5925~27000	26715.49	-30.45	≤-27	PASS
		5825	30~5650	4951.62	-39.71	≤-27	PASS
			5925~27000	24905.85	-32.08	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5650	-39.66	≤-27	PASS
			5925~27000	25573.22	-30.75	≤-27	PASS
		5795	30~5650	5386.42	-39.75	≤-27	PASS
			5925~27000	24228.64	-31.03	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5010.07	-40.2	≤-27	PASS
			5925~27000	23553.54	-32.36	≤-27	PASS
		5785	30~5650	5468.85	-39.8	≤-27	PASS
			5925~27000	24232.15	-31	≤-27	PASS
		5825	30~5650	2663.72	-39.84	≤-27	PASS
			5925~27000	24310.13	-31.11	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5650	-37.17	≤-27	PASS
			5925~27000	25587.27	-31.84	≤-27	PASS
		5795	30~5650	2645.17	-40.4	≤-27	PASS
			5925~27000	25198.79	-31.81	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



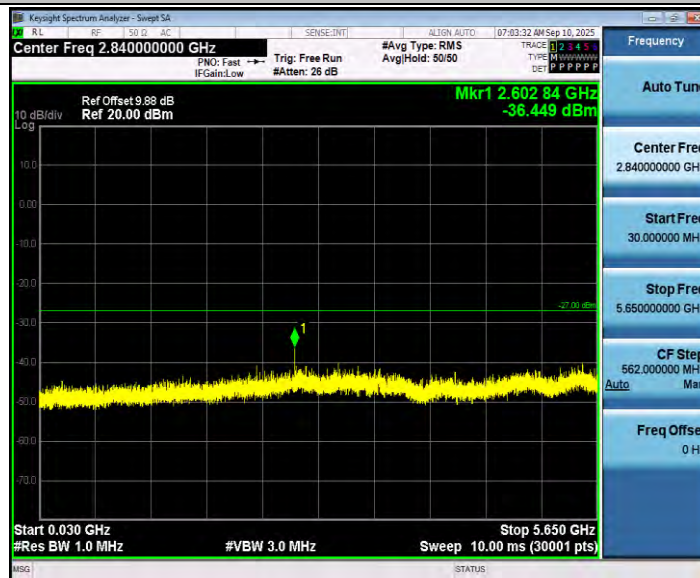
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



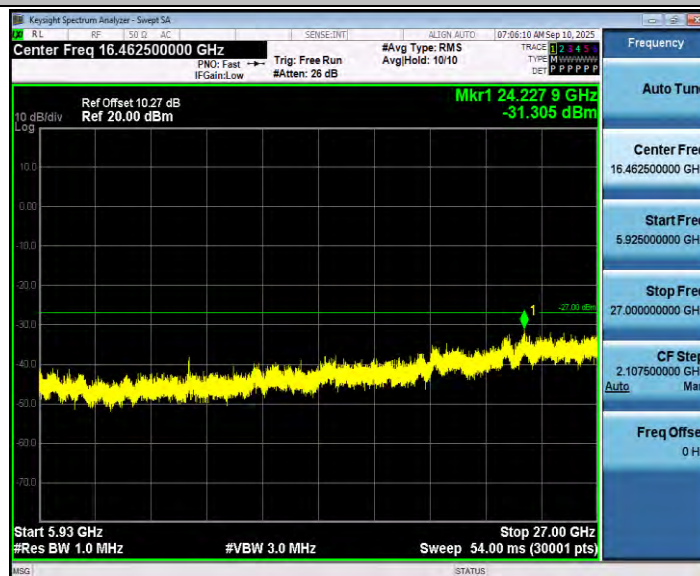
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



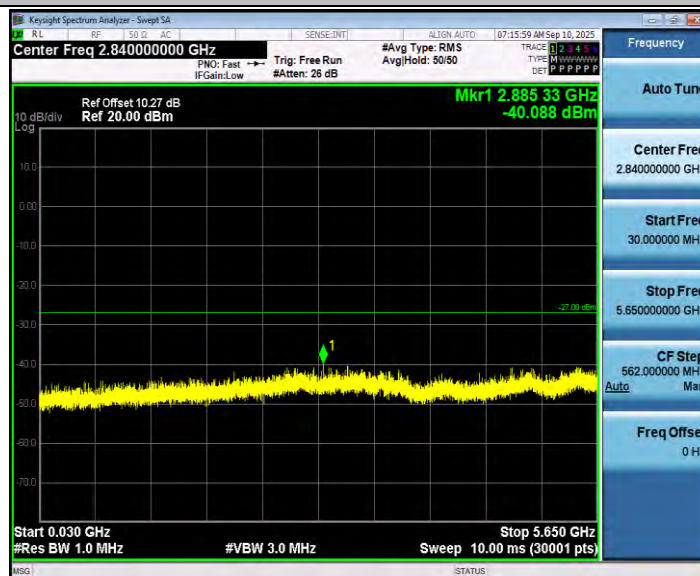
11N40SISO_Ant1_5755_30~5650



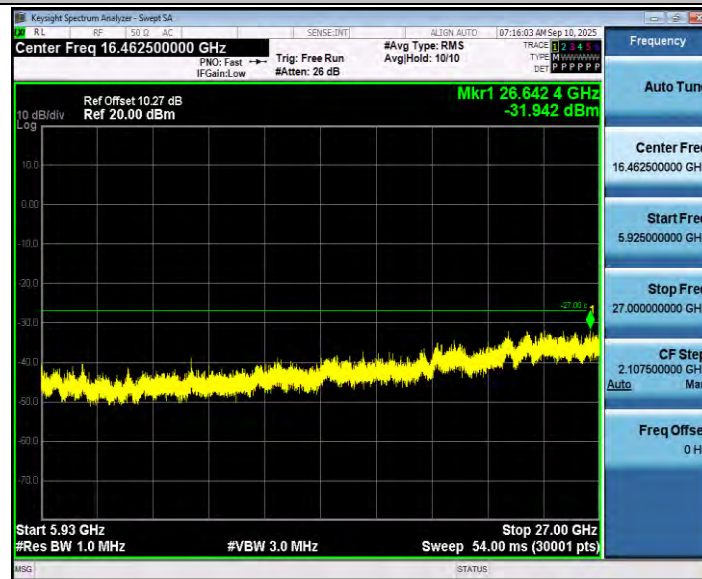
11N40SISO_Ant1_5755_5925~27000



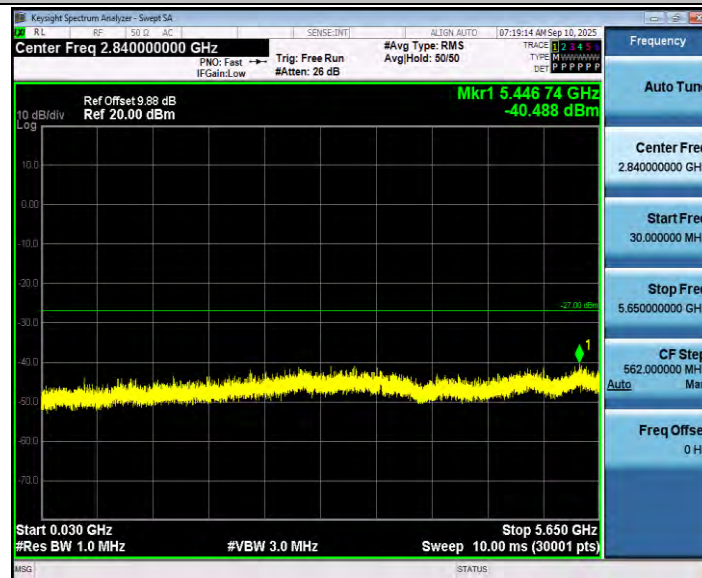
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



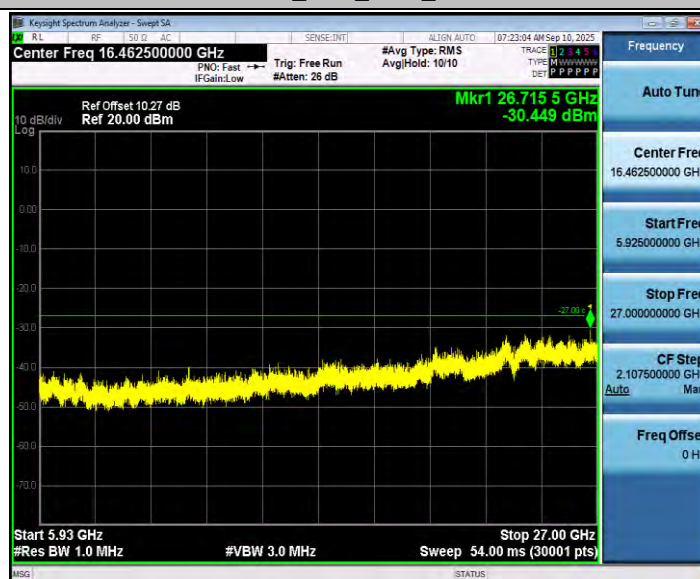
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



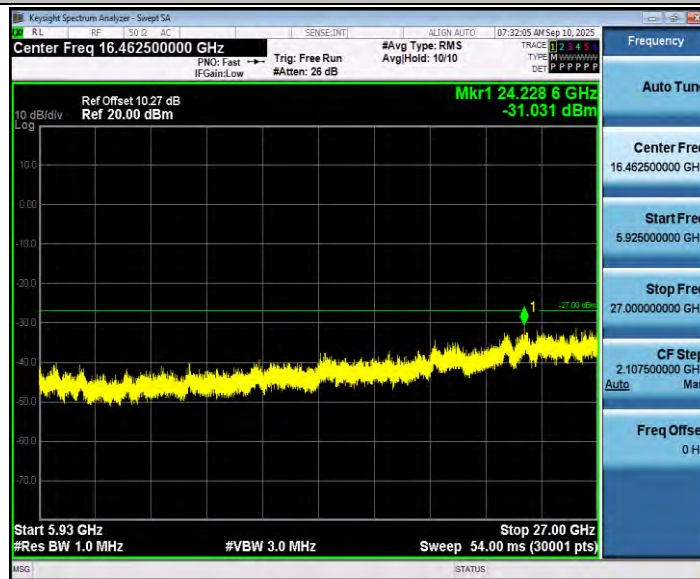
11AC40SISO_Ant1_5755_5925~27000



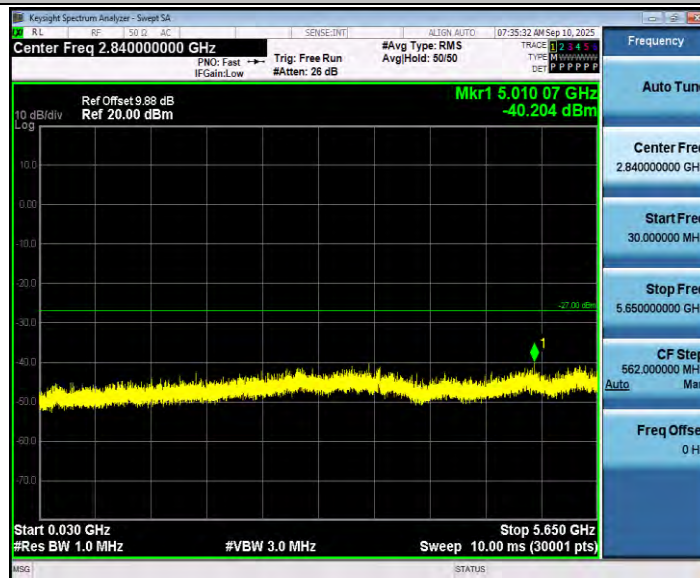
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AX20SISO_Ant1_5745_30~5650



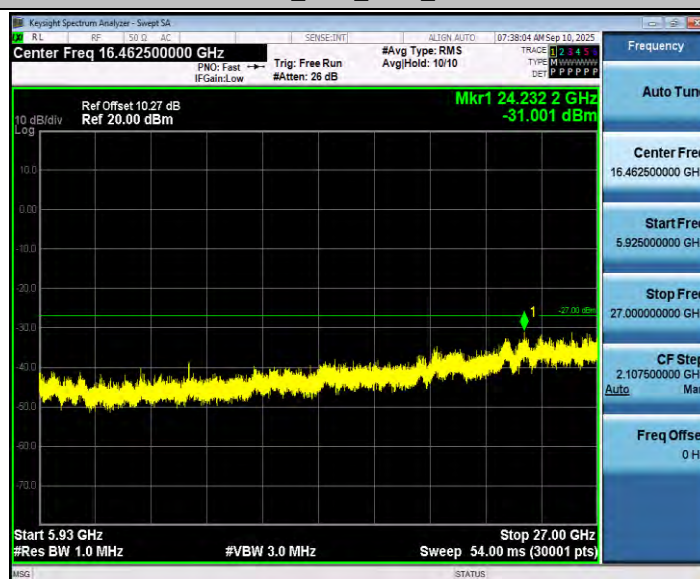
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



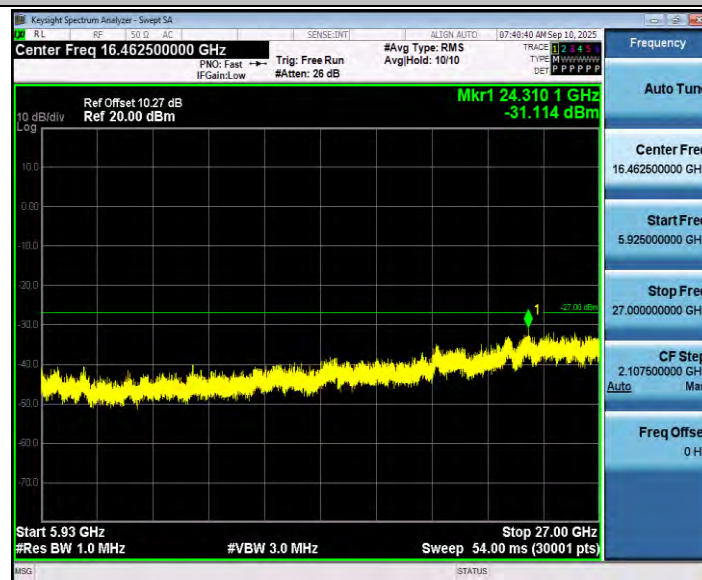
11AX20SISO_Ant1_5785_5925~27000



11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650

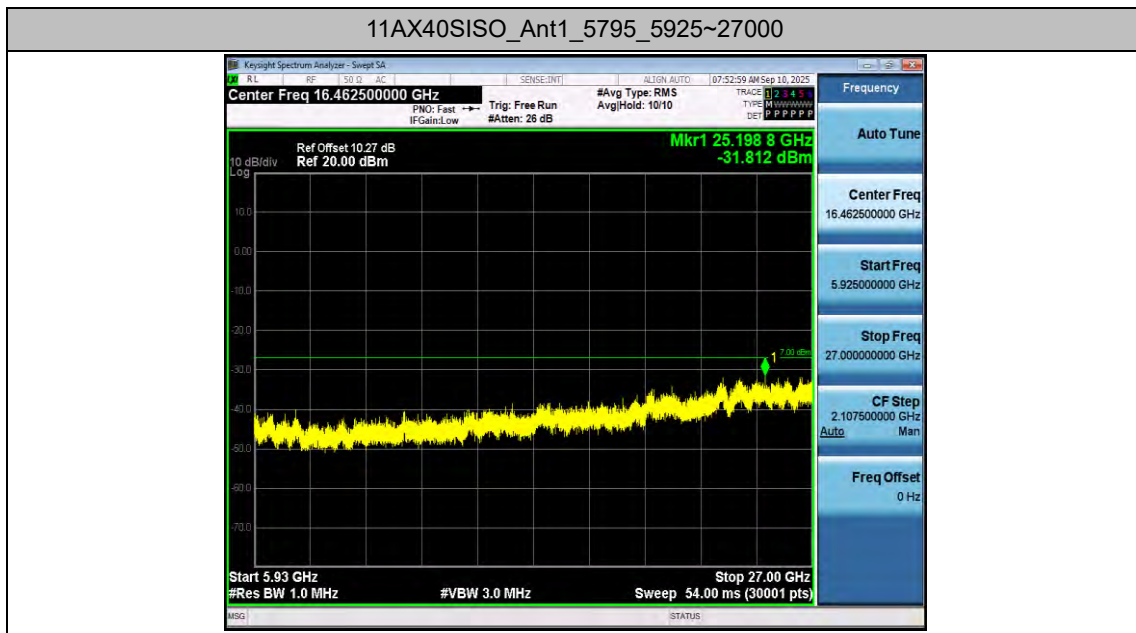


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





Appendix E.8: Emissions in Restricted Bands

Test Result

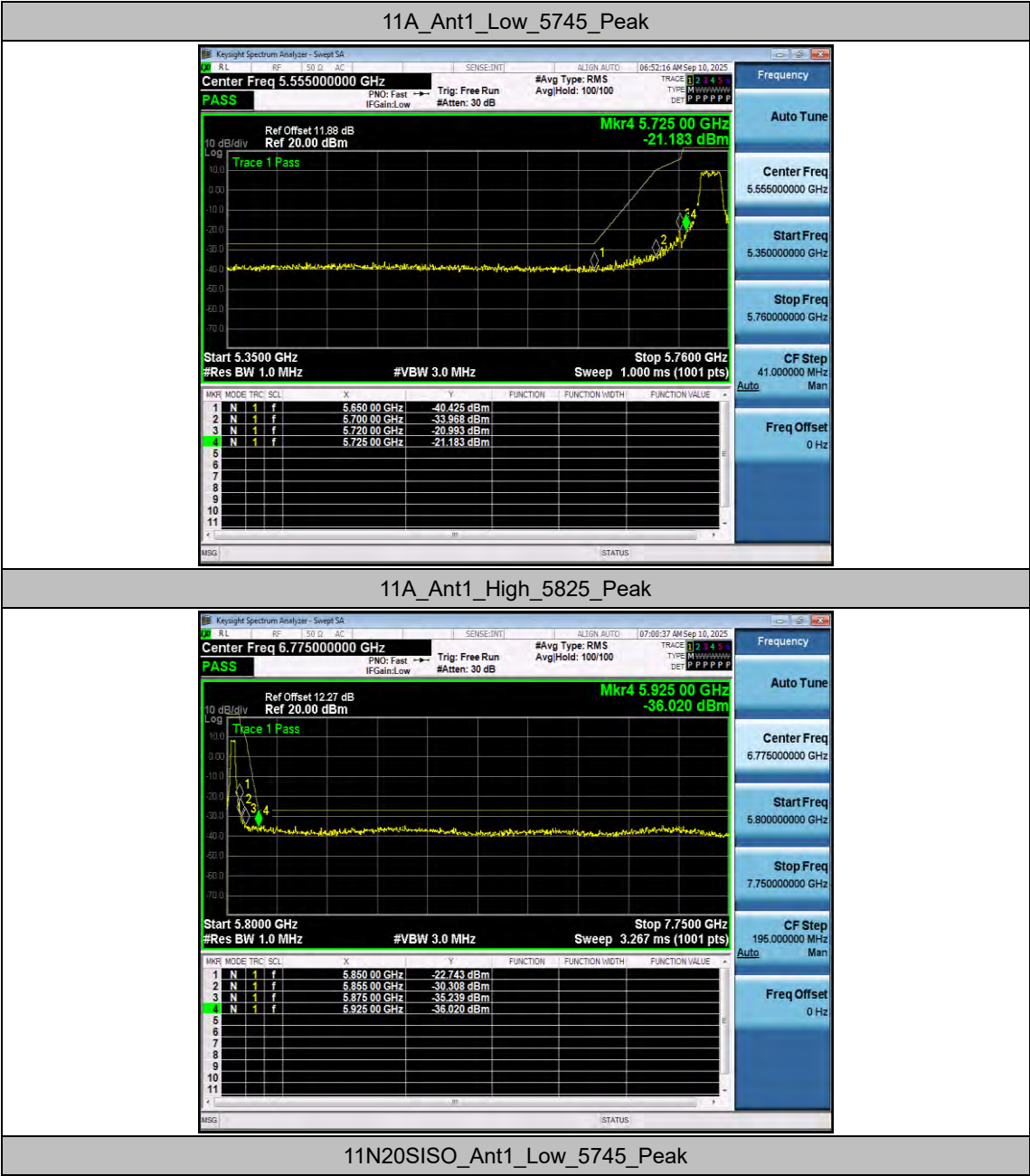
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-40.425	≤-27.00	---	---	PASS
				Peak	5700.000	-33.97	≤10.00	---	---	PASS
				Peak	5720.000	-20.99	≤15.60	---	---	PASS
				Peak	5725.000	-21.18	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-22.743	≤27.00	---	---	PASS
				Peak	5855.000	-30.31	≤15.60	---	---	PASS
				Peak	5875.000	-35.24	≤10.00	---	---	PASS
				Peak	5925.000	-36.02	≤-27.00	---	---	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-40.059	≤-27.00	---	---	PASS
				Peak	5700.000	-34.19	≤10.00	---	---	PASS
				Peak	5720.000	-24.82	≤15.60	---	---	PASS
				Peak	5725.000	-21.16	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-23.765	≤27.00	---	---	PASS
				Peak	5855.000	-27.99	≤15.60	---	---	PASS
				Peak	5875.000	-35.35	≤10.00	---	---	PASS
				Peak	5925.000	-37.38	≤-27.00	---	---	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-37.837	≤-27.00	---	---	PASS
				Peak	5700.000	-24.31	≤10.00	---	---	PASS
				Peak	5720.000	-23.82	≤15.60	---	---	PASS
				Peak	5725.000	-19.5	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-25.661	≤27.00	---	---	PASS
				Peak	5855.000	-27.86	≤15.60	---	---	PASS
				Peak	5875.000	-34.35	≤10.00	---	---	PASS
				Peak	5925.000	-36.26	≤-27.00	---	---	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-38.432	≤-27.00	---	---	PASS
				Peak	5700.000	-32.21	≤10.00	---	---	PASS
				Peak	5720.000	-22.46	≤15.60	---	---	PASS
				Peak	5725.000	-20.78	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-25.561	≤27.00	---	---	PASS

				Peak	5855.000	-26.35	≤ 15.60	---	---	PASS
				Peak	5875.000	-33.95	≤ 10.00	---	---	PASS
				Peak	5925.000	-34.83	≤ -27.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-38.39 2	≤ -27.00	---	---	PASS
				Peak	5700.000	-25.28	≤ 10.00	---	---	PASS
				Peak	5720.000	-21.31	≤ 15.60	---	---	PASS
				Peak	5725.000	-22.44	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-26.86 1	≤ 27.00	---	---	PASS
				Peak	5855.000	-28.75	≤ 15.60	---	---	PASS
				Peak	5875.000	-31.58	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.61	≤ -27.00	---	---	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-40.57 5	≤ -27.00	---	---	PASS
				Peak	5700.000	-30.88	≤ 10.00	---	---	PASS
				Peak	5720.000	-19.51	≤ 15.60	---	---	PASS
				Peak	5725.000	-18.41	≤ 27.00	---	---	PASS
		High	5825	Peak	5850.000	-24.32 5	≤ 27.00	---	---	PASS
				Peak	5855.000	-25.53	≤ 15.60	---	---	PASS
				Peak	5875.000	-33.31	≤ 10.00	---	---	PASS
				Peak	5925.000	-35.67	≤ -27.00	---	---	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-35.35 7	≤ -27.00	---	---	PASS
				Peak	5700.000	-26.47	≤ 10.00	---	---	PASS
				Peak	5720.000	-21.67	≤ 15.60	---	---	PASS
				Peak	5725.000	-21.03	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-26.36	≤ 27.00	---	---	PASS
				Peak	5855.000	-28.13	≤ 15.60	---	---	PASS
				Peak	5875.000	-33.26	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.2	≤ -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_High_5825_Peak

11N20SISO_Ant1_Low_5745_Peak



11N20SISO_Ant1_High_5825_Peak



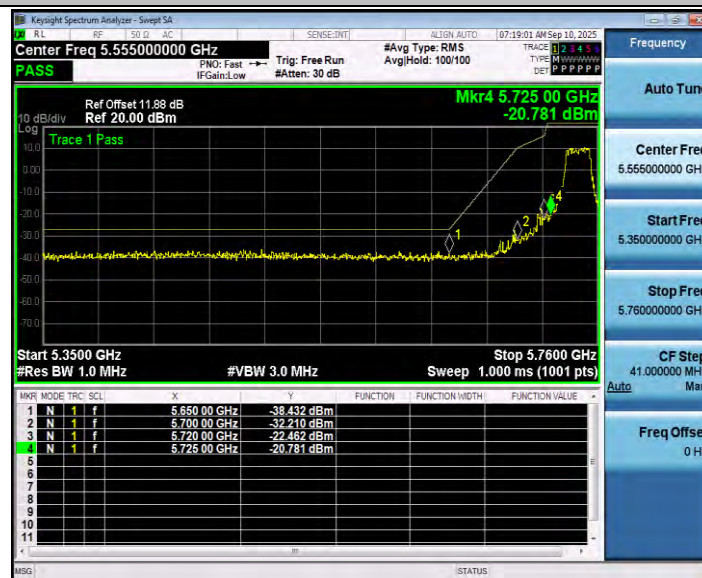
11N40SISO_Ant1_Low_5755_Peak



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

