

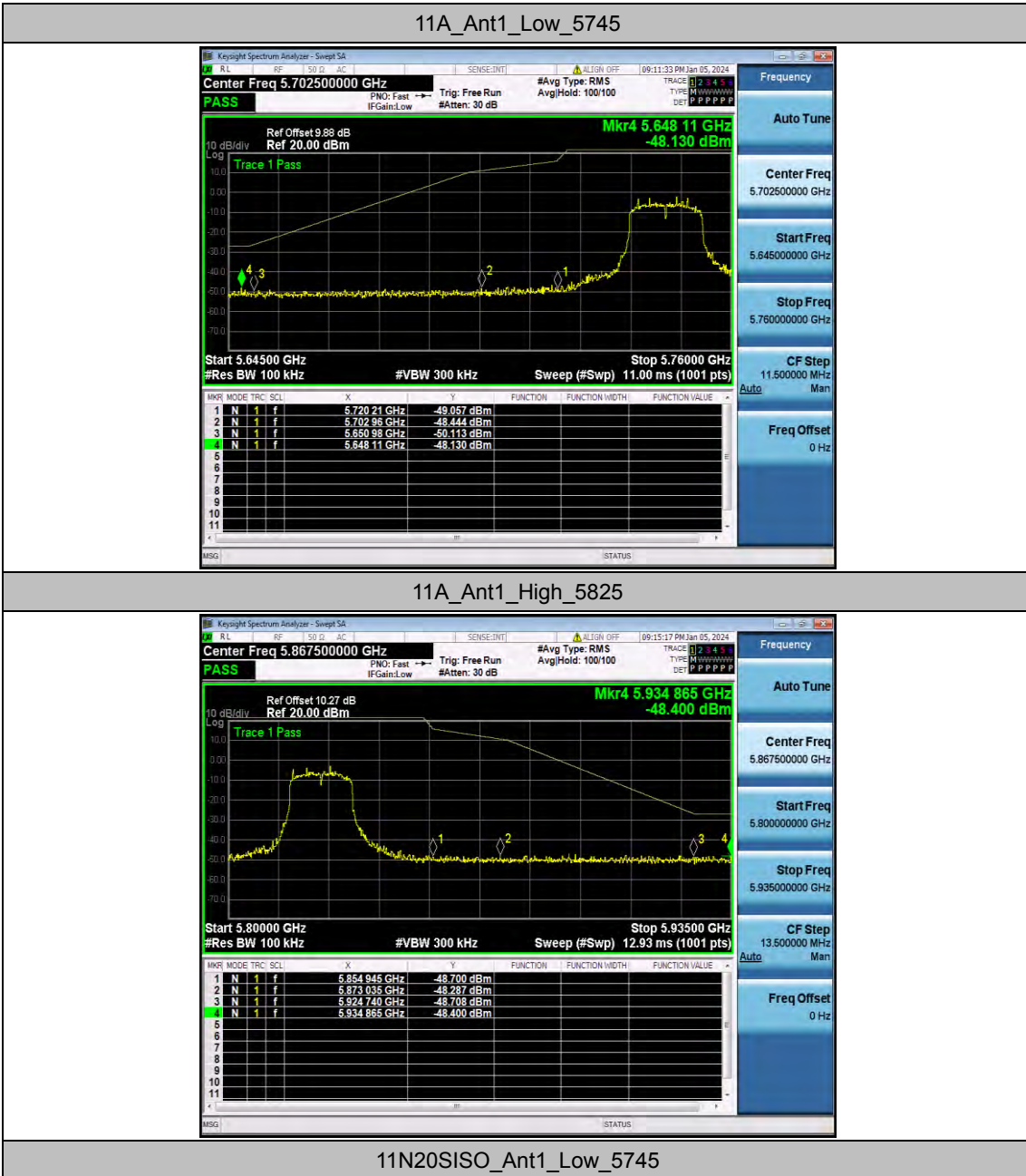
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-50.11	≤-26.27	PASS
				5700~5720	-48.44	≤10.83	PASS
				5720~5725	-49.06	≤16.08	PASS
				5760~5650	-48.13	≤-27	PASS
		High	5825	5850~5855	-48.7	≤15.73	PASS
				5855~5875	-48.29	≤10.55	PASS
				5875~5925	-48.71	≤-26.81	PASS
				5925~5935	-48.4	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-50.15	≤-26.79	PASS
				5700~5720	-48.63	≤10.09	PASS
				5720~5725	-48.41	≤17.13	PASS
				5760~5650	-50.13	≤-27	PASS
		High	5825	5850~5855	-47.22	≤17.26	PASS
				5855~5875	-47.99	≤10.93	PASS
				5875~5925	-48.67	≤-26.91	PASS
				5925~5935	-47.67	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-50.27	≤-26.90	PASS
				5700~5720	-44.52	≤12.78	PASS
				5720~5725	-44.86	≤16.04	PASS
				5780~5650	-49.71	≤-27	PASS
		High	5795	5850~5855	-49.12	≤16.03	PASS
				5855~5875	-48.27	≤10.76	PASS
				5875~5925	-48.85	≤-26.59	PASS
				5925~5935	-48.4	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-49.24	≤-26.19	PASS
				5700~5720	-49.83	≤10.06	PASS
				5720~5725	-47.89	≤16.08	PASS
				5760~5650	-49.47	≤-27	PASS
		High	5825	5850~5855	-48.1	≤16.34	PASS
				5855~5875	-48.75	≤10.10	PASS
				5875~5925	-49.21	≤-26.21	PASS
				5925~5935	-47.3	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-50.79	≤-26.90	PASS
				5700~5720	-47.3	≤10.67	PASS
				5720~5725	-44.34	≤15.74	PASS
				5780~5650	-49.56	≤-27	PASS

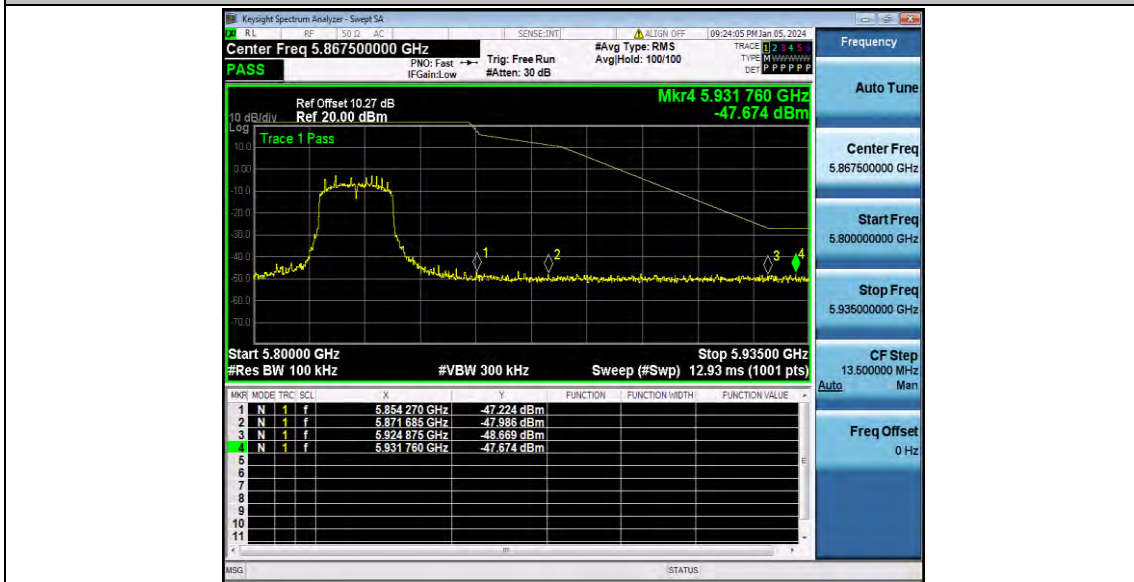
		High	5795	5850~5855	-48.7	≤ 15.66	PASS
				5855~5875	-47.16	≤ 10.85	PASS
				5875~5925	-48.38	≤ -26.34	PASS
				5925~5935	-48.1	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-47.62	≤ -24.85	PASS
				5700~5720	-46.3	≤ 10.44	PASS
				5720~5725	-48.3	≤ 15.65	PASS
				5800~5650	-50.04	≤ -27	PASS
		High	5775	5850~5855	-48.24	≤ 15.84	PASS
				5855~5875	-48.5	≤ 10.29	PASS
				5875~5925	-48.6	≤ -26.46	PASS
				5925~5935	-48.98	≤ -27	PASS

Test Graphs B4





11N20SISO_Ant1_High_5825



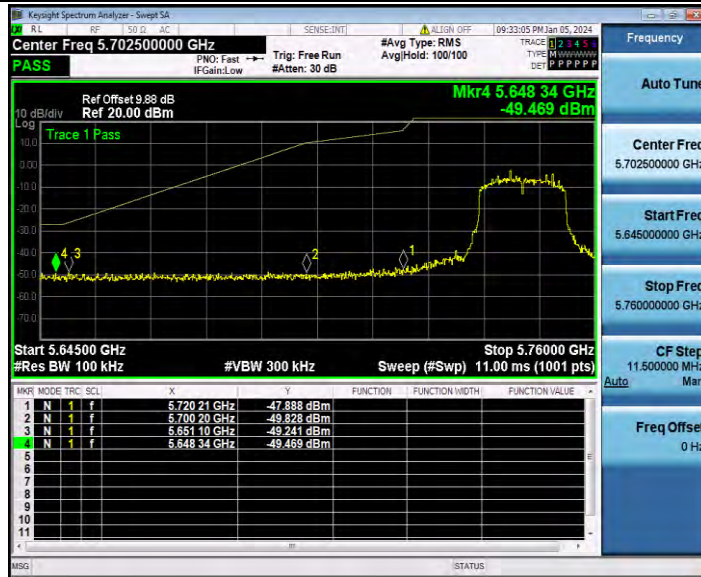
11N40SISO_Ant1_Low_5755



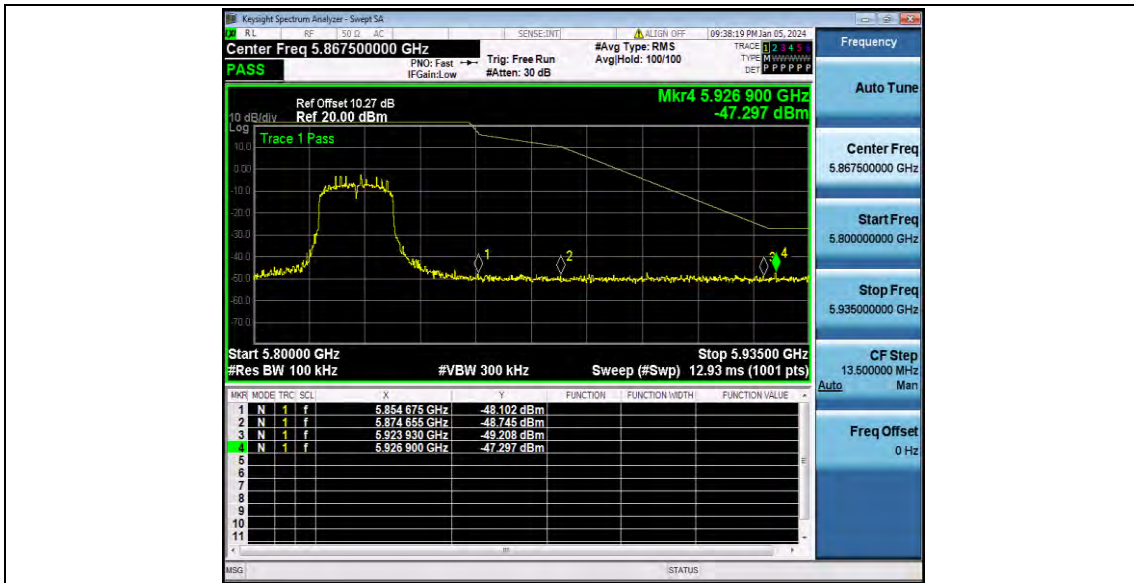
11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



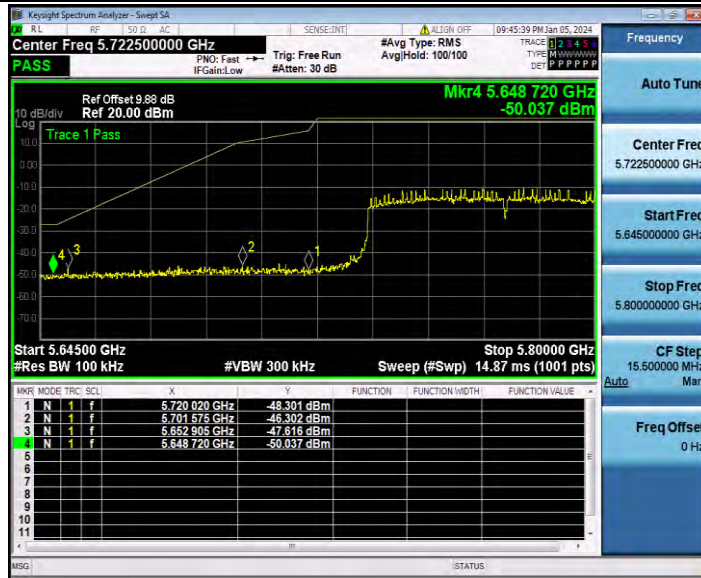
11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



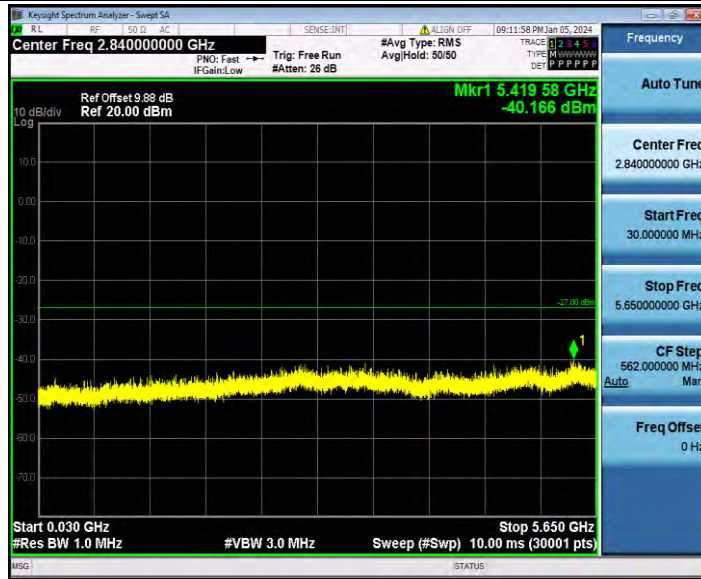
Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5419.58	-40.17	≤-27	PASS
			5925~40000	26564.45	-32	≤-27	PASS
		5785	30~5650	1739.23	-38.27	≤-27	PASS
			5925~40000	26502.63	-31.96	≤-27	PASS
		5825	30~5650	4963.42	-39.64	≤-27	PASS
			5925~40000	24243.39	-31.36	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5591.55	-39.52	≤-27	PASS
			5925~40000	26515.98	-31.3	≤-27	PASS
		5785	30~5650	4944.13	-40.21	≤-27	PASS
			5925~40000	25637.15	-31.6	≤-27	PASS
		5825	30~5650	5445.99	-39.52	≤-27	PASS
			5925~40000	23423.57	-31.12	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4898.42	-40.1	≤-27	PASS
			5925~40000	24899.53	-31.67	≤-27	PASS
		5795	30~5650	5454.05	-39.8	≤-27	PASS
			5925~40000	26999.3	-30.68	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4904.04	-39.44	≤-27	PASS
			5925~40000	24231.45	-32.06	≤-27	PASS
		5785	30~5650	4979.35	-39.58	≤-27	PASS
			5925~40000	26528.62	-31.34	≤-27	PASS
		5825	30~5650	5413.77	-39.15	≤-27	PASS
			5925~40000	24204.75	-31.21	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4855.52	-40.48	≤-27	PASS
			5925~40000	24230.04	-31.99	≤-27	PASS
		5795	30~5650	5408.34	-38.55	≤-27	PASS
			5925~40000	26799.09	-31.91	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5493.58	-40.66	≤-27	PASS
			5925~40000	24177.36	-32.01	≤-27	PASS

Test Graphs

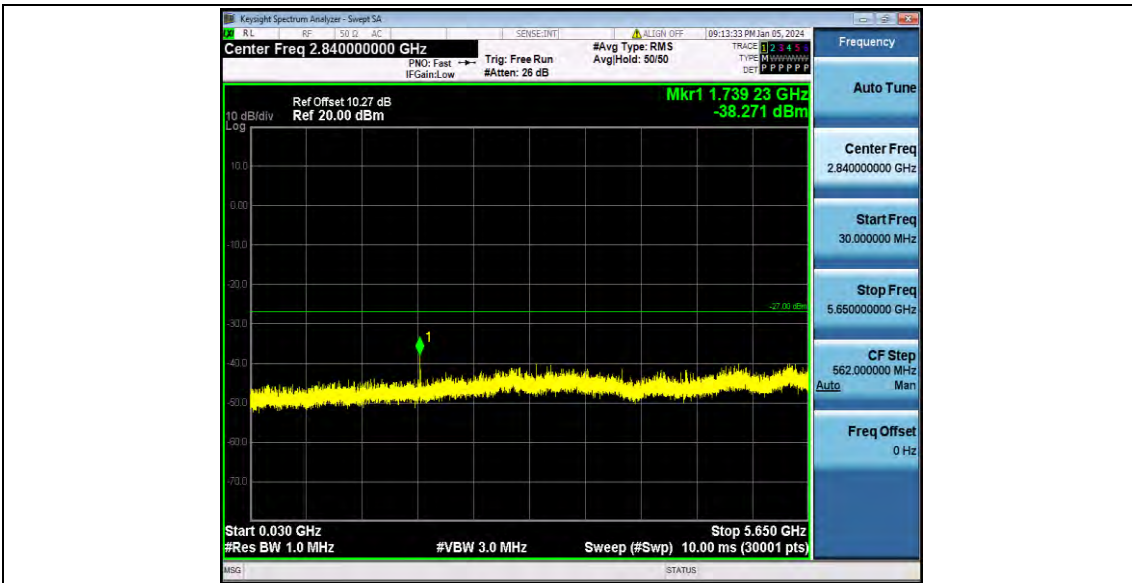
11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~40000



11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~4000



11A_Ant1_5825_30~5650



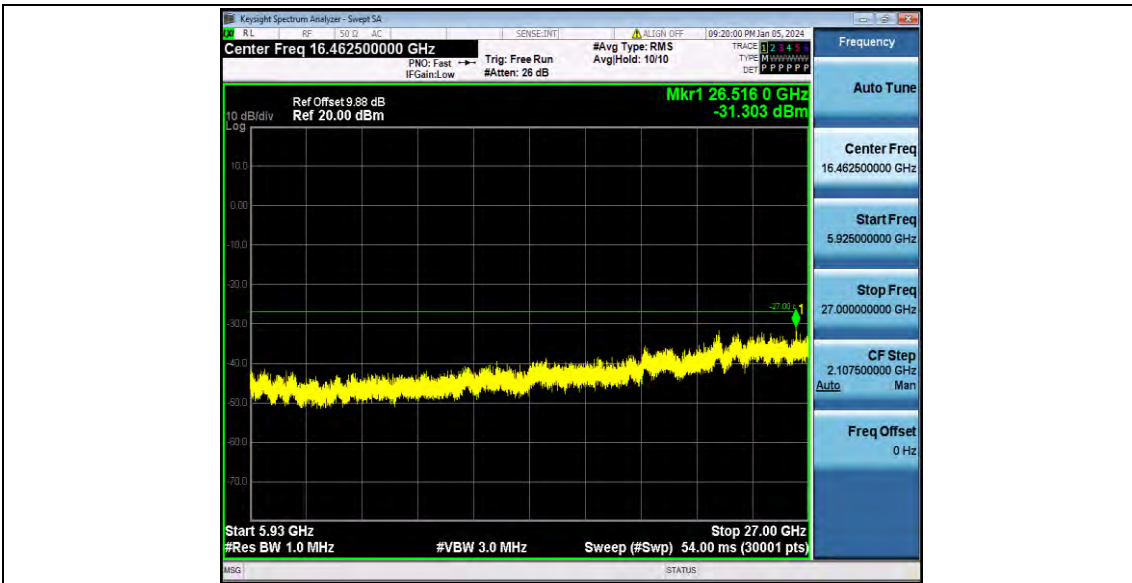
11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



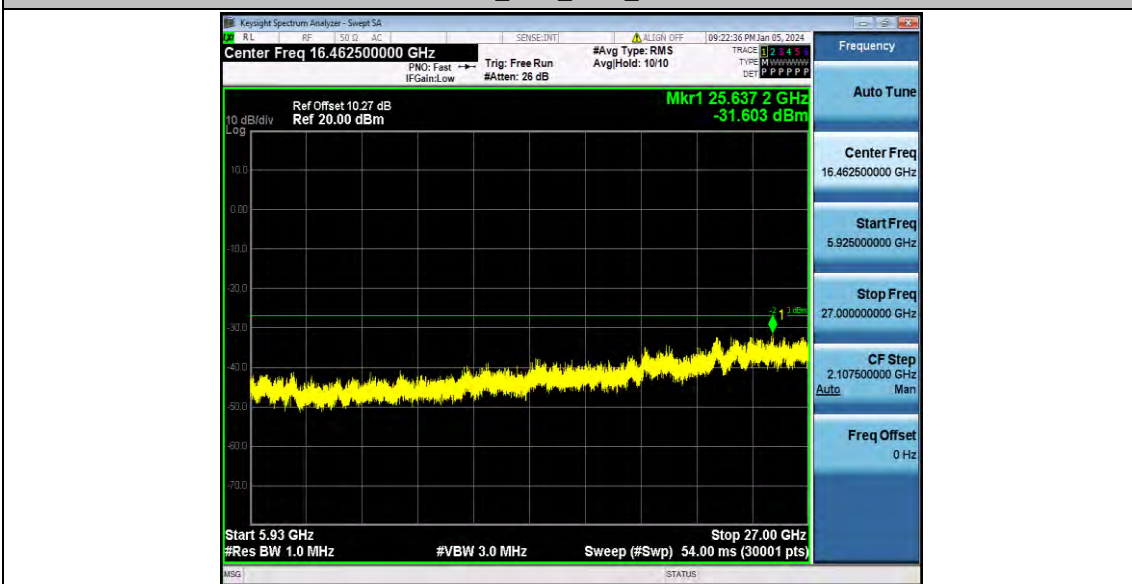
11N20SISO_Ant1_5745_5925~40000



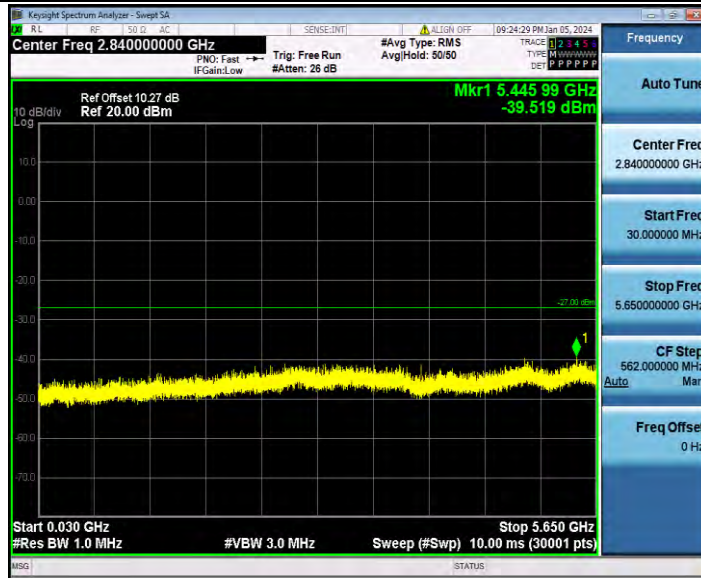
11N20SISO_Ant1_5785_30~5650



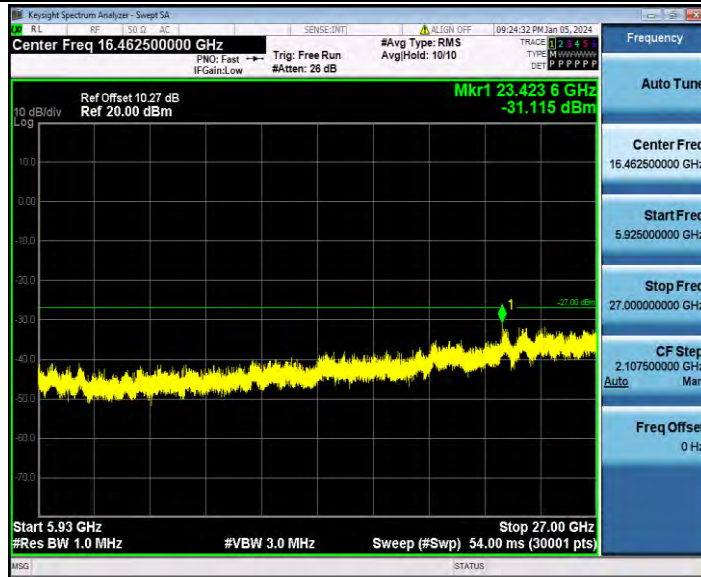
11N20SISO_Ant1_5785_5925~40000



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



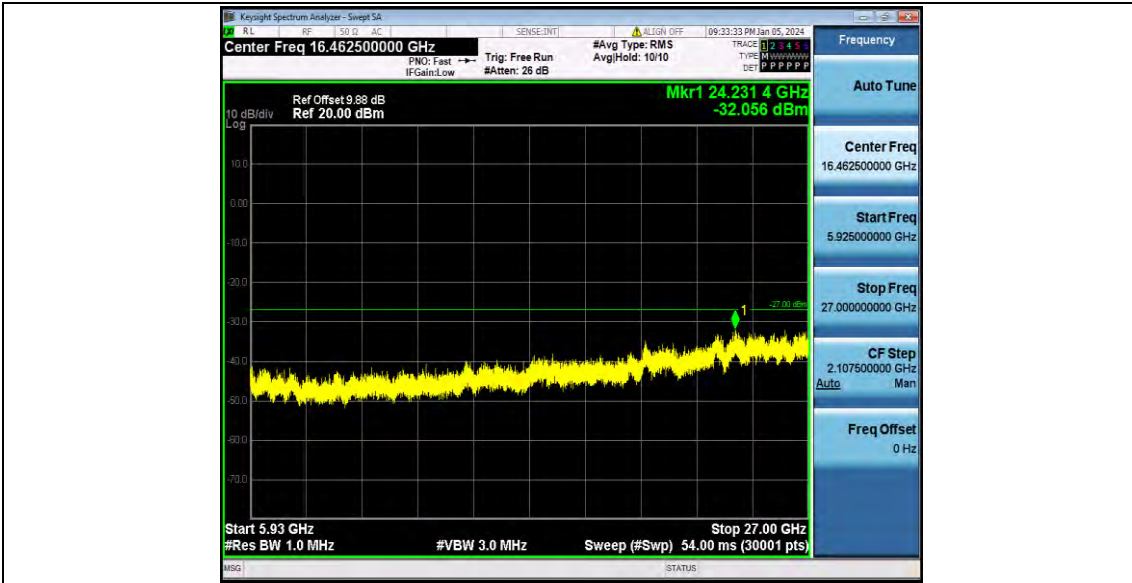
11N40SISO_Ant1_5795_5925~40000



11AC20SISO_Ant1_5745_30~5650



11AC20SISO_Ant1_5745_5925~40000



11AC20SISO_Ant1_5785_30~5650



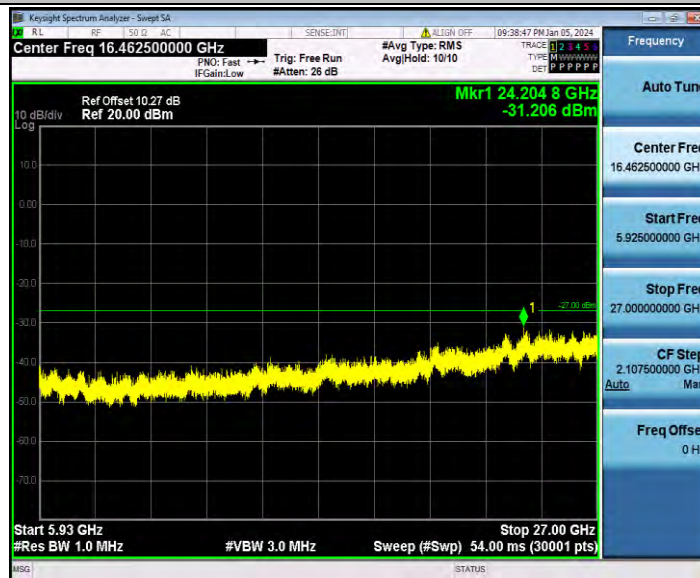
11AC20SISO_Ant1_5785_5925~40000



11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5755_30~5650



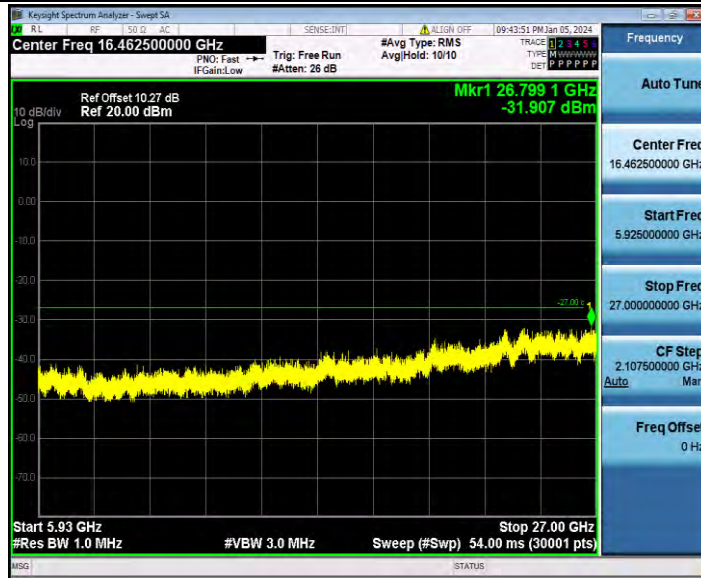
11AC40SISO_Ant1_5755_5925~4000



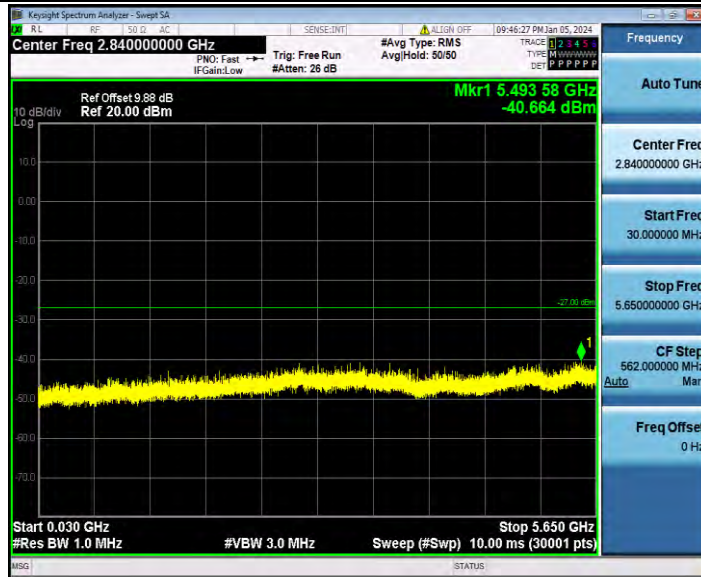
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~40000



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	-50.25 4	≤-27.00	---	---	PASS
				Peak	5700.000	-47.68	≤10.00	---	---	PASS
				Peak	5720.000	-39.13	≤15.60	---	---	PASS
				Peak	5725.000	-35.85	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-44.72 2	≤27.00	---	---	PASS
				Peak	5855.000	-44.5	≤15.60	---	---	PASS
				Peak	5875.000	-46.59	≤10.00	---	---	PASS
				Peak	5925.000	-47.88	≤-27.00	---	---	PASS
11N20SIS O	Ant1	Low	5745	Peak	5650.000	-47.02 9	≤-27.00	---	---	PASS
				Peak	5700.000	-47.32	≤10.00	---	---	PASS
				Peak	5720.000	-41.98	≤15.60	---	---	PASS
				Peak	5725.000	-36.15	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-43.31	≤27.00	---	---	PASS
				Peak	5855.000	-44.95	≤15.60	---	---	PASS
				Peak	5875.000	-47.33	≤10.00	---	---	PASS
				Peak	5925.000	-49.83	≤-27.00	---	---	PASS
11N40SIS O	Ant1	Low	5755	Peak	5650.000	-48.85 2	≤-27.00	---	---	PASS
				Peak	5700.000	-45.85	≤10.00	---	---	PASS
				Peak	5720.000	-35.41	≤15.60	---	---	PASS
				Peak	5725.000	-37.14	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-47.611	≤27.00	---	---	PASS
				Peak	5855.000	-48.66	≤15.60	---	---	PASS
				Peak	5875.000	-48.51	≤10.00	---	---	PASS
				Peak	5925.000	-50.43	≤-27.00	---	---	PASS
11AC20SI SO	Ant1	Low	5745	Peak	5650.000	-49.97 6	≤-27.00	---	---	PASS
				Peak	5700.000	-47.64	≤10.00	---	---	PASS
				Peak	5720.000	-39.13	≤15.60	---	---	PASS
				Peak	5725.000	-37.35	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-45.37	≤27.00	---	---	PASS
				Peak	5855.000	-47.17	≤15.60	---	---	PASS
Peak	5875.000	-47.89	≤10.00	---	---	PASS				

				Peak	5925.000	-48.24	≤ -27.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-48.41 3	≤ -27.00	---	---	PASS
				Peak	5700.000	-45	≤ 10.00	---	---	PASS
				Peak	5720.000	-39.29	≤ 15.60	---	---	PASS
				Peak	5725.000	-37.5	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-48.4	≤ 27.00	---	---	PASS
				Peak	5855.000	-48.49	≤ 15.60	---	---	PASS
				Peak	5875.000	-48.64	≤ 10.00	---	---	PASS
				Peak	5925.000	-49.54	≤ -27.00	---	---	PASS
11AC80SI SO	Ant1	Low	5775	Peak	5650.000	-46.119	≤ -27.00	---	---	PASS
				Peak	5700.000	-36.62	≤ 10.00	---	---	PASS
				Peak	5720.000	-40.41	≤ 15.60	---	---	PASS
				Peak	5725.000	-40.5	≤ 27.00	---	---	PASS
		High	5775	Peak	5850.000	-41.27 2	≤ 27.00	---	---	PASS
				Peak	5855.000	-39.26	≤ 15.60	---	---	PASS
				Peak	5875.000	-44.29	≤ 10.00	---	---	PASS
				Peak	5925.000	-49.87	≤ -27.00	---	---	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. 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

