

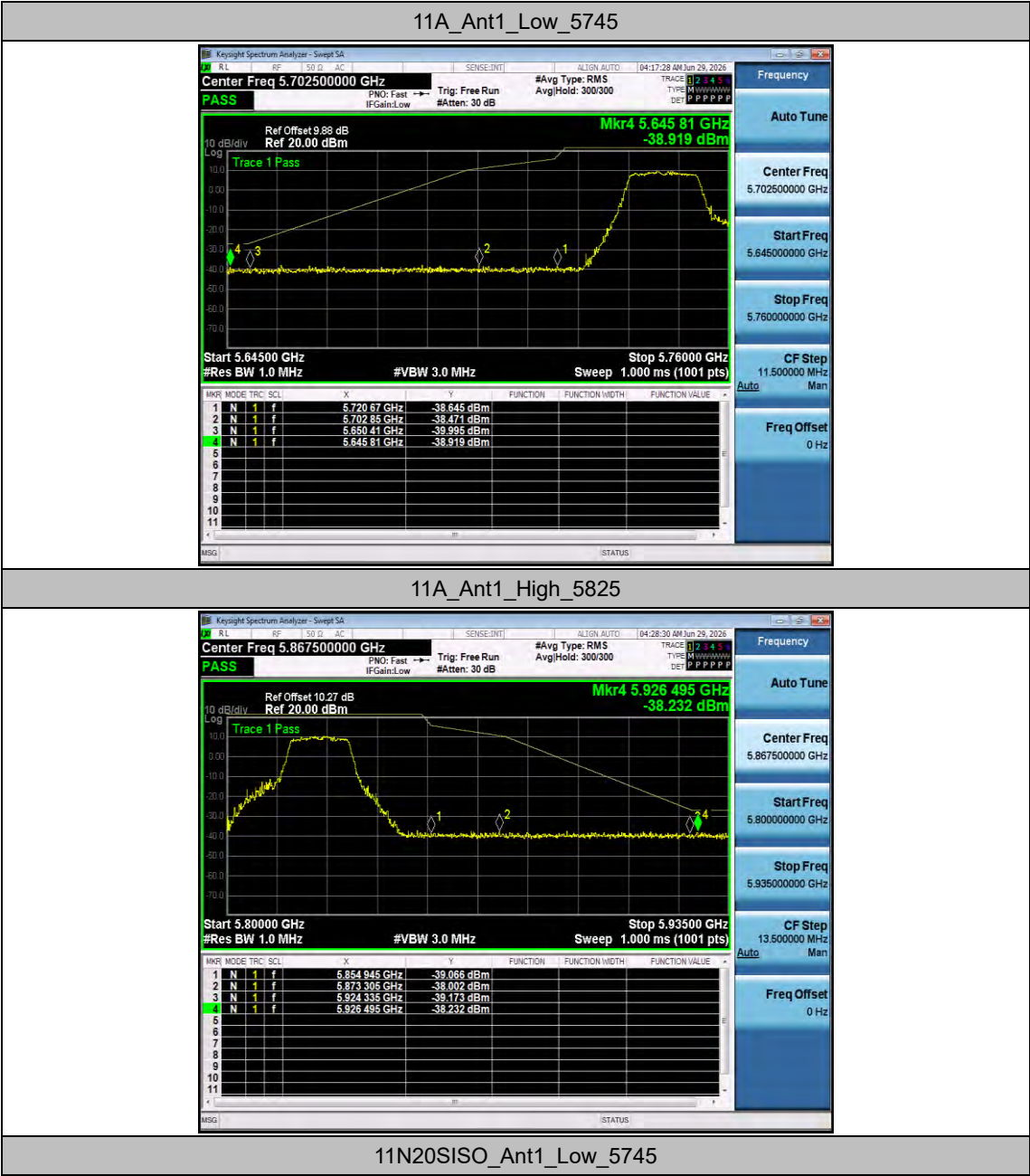
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40	≤-26.70	PASS
				5700~5720	-38.47	≤10.80	PASS
				5720~5725	-38.65	≤17.13	PASS
				5760~5650	-38.92	≤-27	PASS
		High	5825	5850~5855	-39.07	≤15.73	PASS
				5855~5875	-38	≤10.47	PASS
				5875~5925	-39.17	≤-26.51	PASS
				5925~5935	-38.23	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.39	≤-26.96	PASS
				5700~5720	-39.72	≤10.15	PASS
				5720~5725	-41.06	≤15.82	PASS
				5760~5650	-39.09	≤-27	PASS
		High	5825	5850~5855	-39.46	≤16.03	PASS
				5855~5875	-37.98	≤10.93	PASS
				5875~5925	-39.63	≤-26.91	PASS
				5925~5935	-37.66	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.7	≤-26.30	PASS
				5700~5720	-39	≤10.36	PASS
				5720~5725	-39.72	≤15.74	PASS
				5780~5650	-39.49	≤-27	PASS
		High	5795	5850~5855	-38.57	≤16.41	PASS
				5855~5875	-38.95	≤10.16	PASS
				5875~5925	-38.88	≤-26.95	PASS
				5925~5935	-37.53	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.7	≤-25.93	PASS
				5700~5720	-39	≤10.35	PASS
				5720~5725	-40.16	≤16.08	PASS
				5760~5650	-39.69	≤-27	PASS
		High	5825	5850~5855	-38.79	≤16.96	PASS
				5855~5875	-37.24	≤10.85	PASS
				5875~5925	-39.01	≤-26.51	PASS
				5925~5935	-38.18	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40	≤-26.80	PASS
				5700~5720	-38.35	≤10.82	PASS
				5720~5725	-37.94	≤16.97	PASS

		High	5795	5780~5650	-38.98	≤ -27	PASS
				5850~5855	-40.67	≤ 15.66	PASS
				5855~5875	-39.01	≤ 10.16	PASS
				5875~5925	-39.45	≤ -26.59	PASS
				5925~5935	-37.47	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.6	≤ -26.87	PASS
				5700~5720	-38.51	≤ 11.15	PASS
				5720~5725	-39.11	≤ 15.82	PASS
				5760~5650	-39.71	≤ -27	PASS
		High	5825	5850~5855	-39.04	≤ 16.34	PASS
				5855~5875	-38.43	≤ 10.10	PASS
				5875~5925	-40.02	≤ -26.91	PASS
				5925~5935	-38.53	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.92	≤ -26.90	PASS
				5700~5720	-39	≤ 11.04	PASS
				5720~5725	-39.1	≤ 15.74	PASS
				5780~5650	-39.9	≤ -27	PASS
		High	5795	5850~5855	-38.45	≤ 16.03	PASS
				5855~5875	-38.99	≤ 10.43	PASS
				5875~5925	-39.17	≤ -26.22	PASS
				5925~5935	-38.53	≤ -27	PASS

Test GraphsB4





11N20ISO_Ant1_High_5825



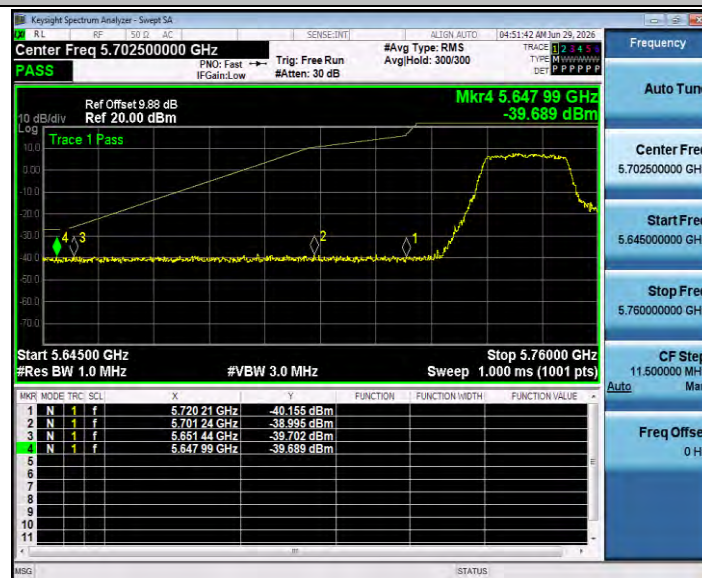
11N40ISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



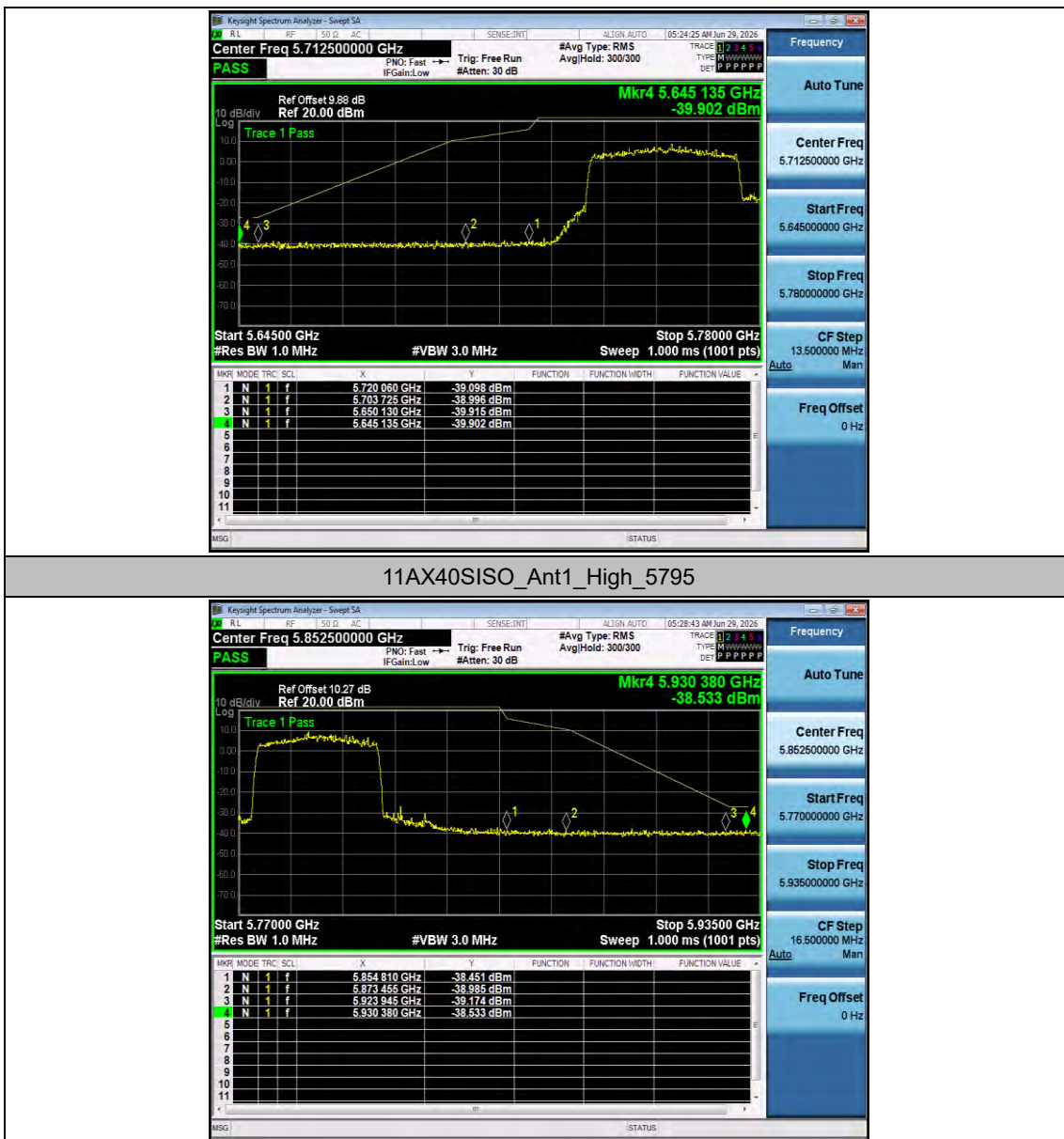
11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



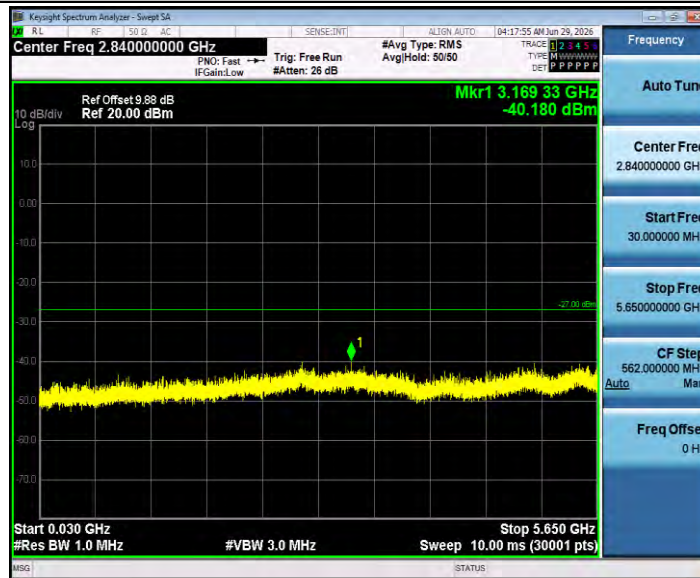
Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3169.33	-40.18	≤-27	PASS
			5925~27000	26794.17	-32.18	≤-27	PASS
		5785	30~5650	2696.69	-39.93	≤-27	PASS
			5925~27000	24151.36	-31.4	≤-27	PASS
		5825	30~5650	5448.24	-40.2	≤-27	PASS
			5925~27000	24316.45	-31.66	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5404.41	-40.24	≤-27	PASS
			5925~27000	24929.73	-31.84	≤-27	PASS
		5785	30~5650	2936.29	-39.82	≤-27	PASS
			5925~27000	26808.92	-32.01	≤-27	PASS
		5825	30~5650	4773.65	-40.05	≤-27	PASS
			5925~27000	24329.8	-31.4	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2675.71	-40.02	≤-27	PASS
			5925~27000	26551.1	-31.69	≤-27	PASS
		5795	30~5650	4931.58	-40.11	≤-27	PASS
			5925~27000	24185.79	-31.56	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5578.44	-40.2	≤-27	PASS
			5925~27000	26800.49	-31.91	≤-27	PASS
		5785	30~5650	5463.23	-40.72	≤-27	PASS
			5925~27000	24211.78	-31.36	≤-27	PASS
		5825	30~5650	5474.66	-40.06	≤-27	PASS
			5925~27000	24279.22	-31.66	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	3181.51	-40.1	≤-27	PASS
			5925~27000	25982.78	-32.29	≤-27	PASS
		5795	30~5650	2675.33	-39.45	≤-27	PASS
			5925~27000	26902.35	-31.37	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	3023.77	-40.5	≤-27	PASS
			5925~27000	24771.67	-32.12	≤-27	PASS
		5785	30~5650	2543.08	-39.17	≤-27	PASS
			5925~27000	24779.4	-31.8	≤-27	PASS
		5825	30~5650	3325.19	-39.85	≤-27	PASS
			5925~27000	24300.29	-30.9	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5028.24	-40.5	≤-27	PASS
			5925~27000	26823.67	-31.79	≤-27	PASS
		5795	30~5650	3022.84	-40.38	≤-27	PASS
			5925~27000	26499.12	-31.48	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



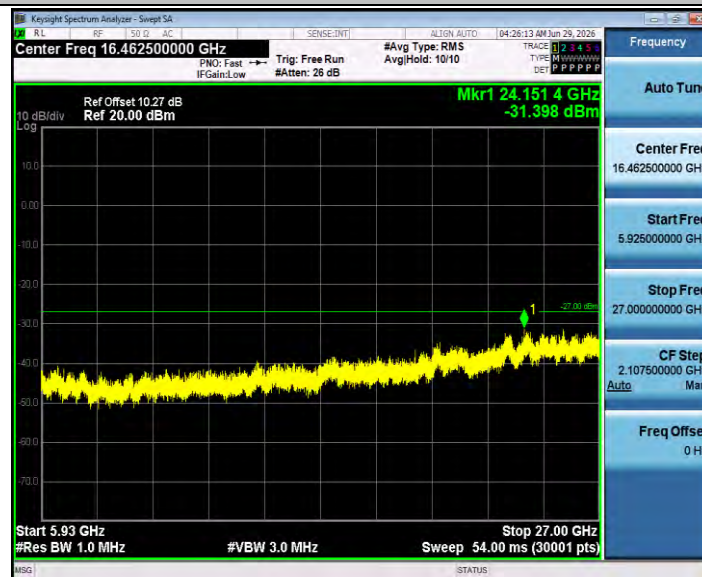
11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



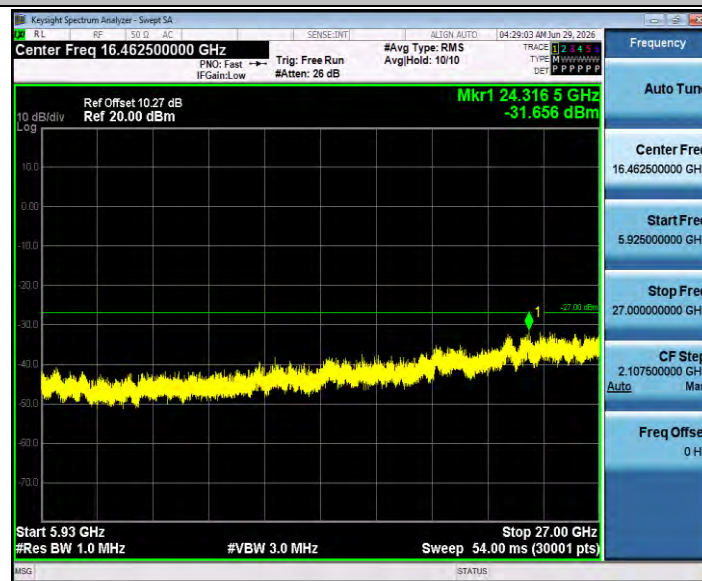
11A_Ant1_5785_5925~27000



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



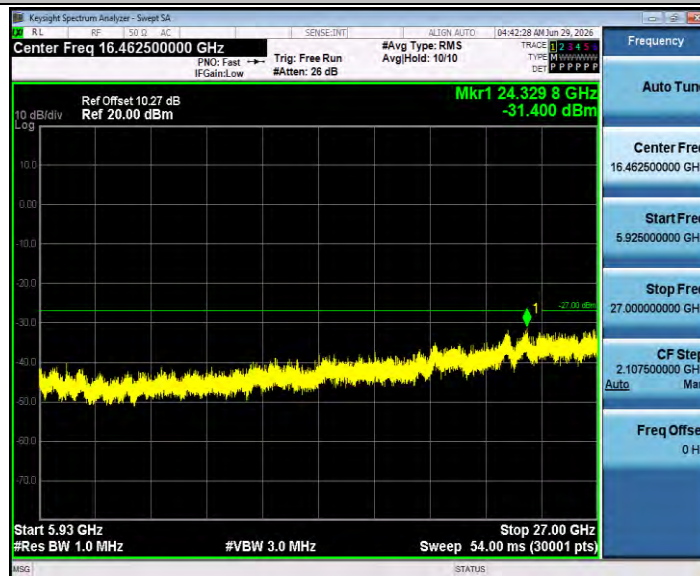
11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



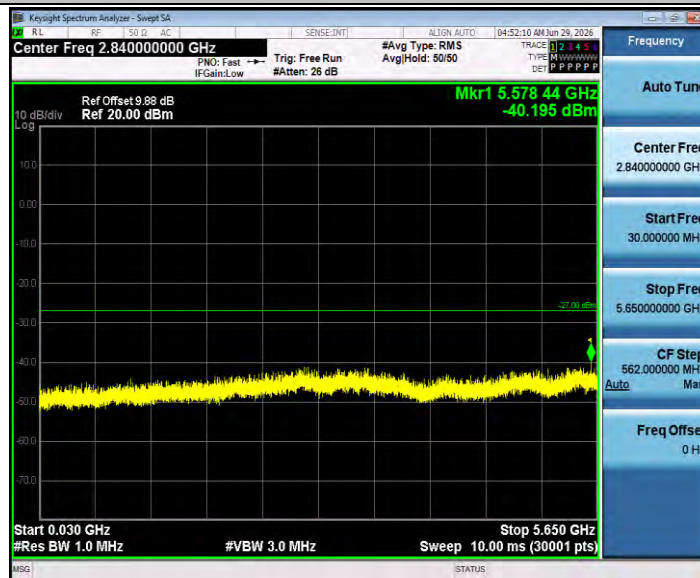
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



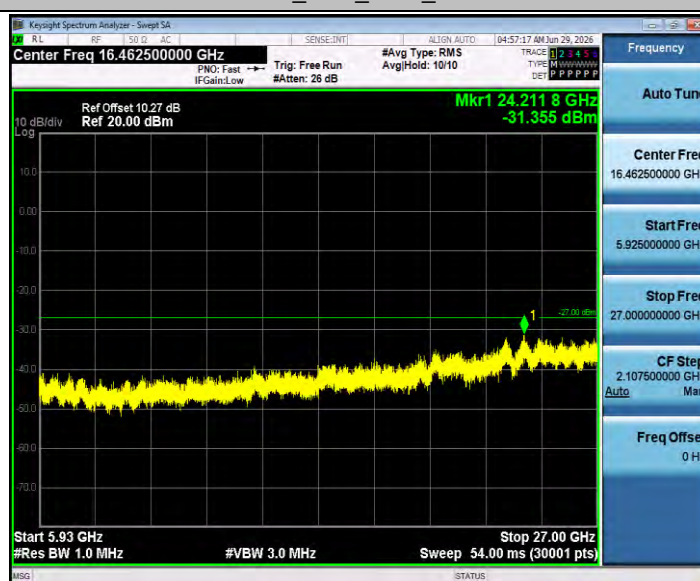
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



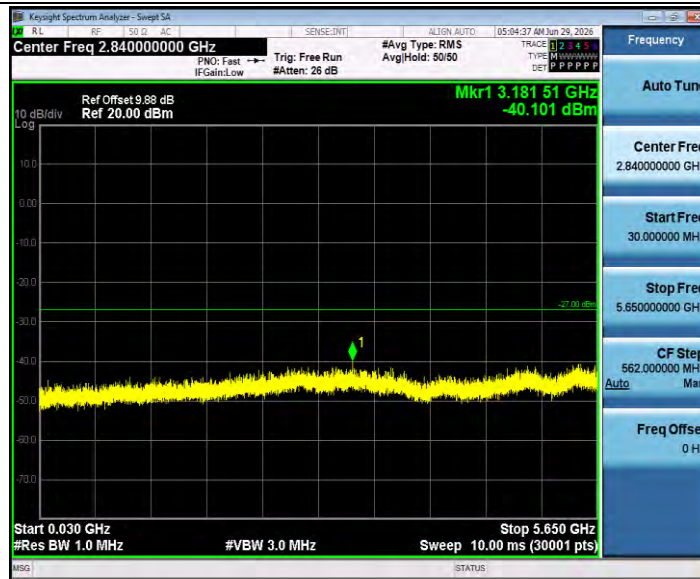
11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



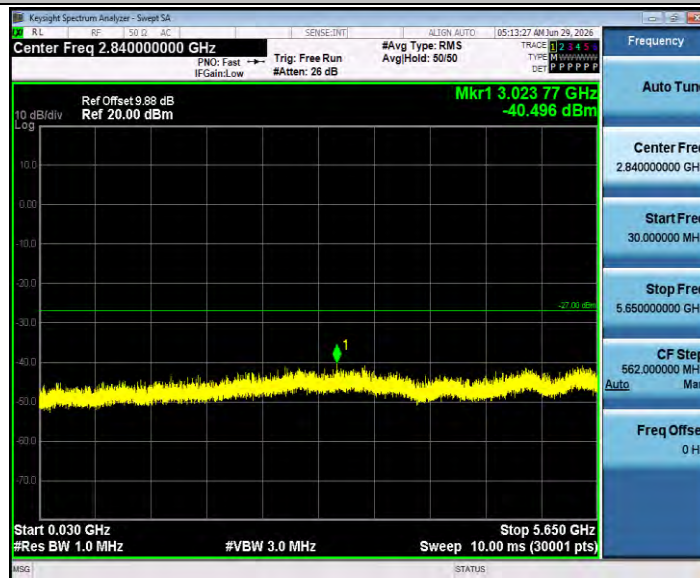
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



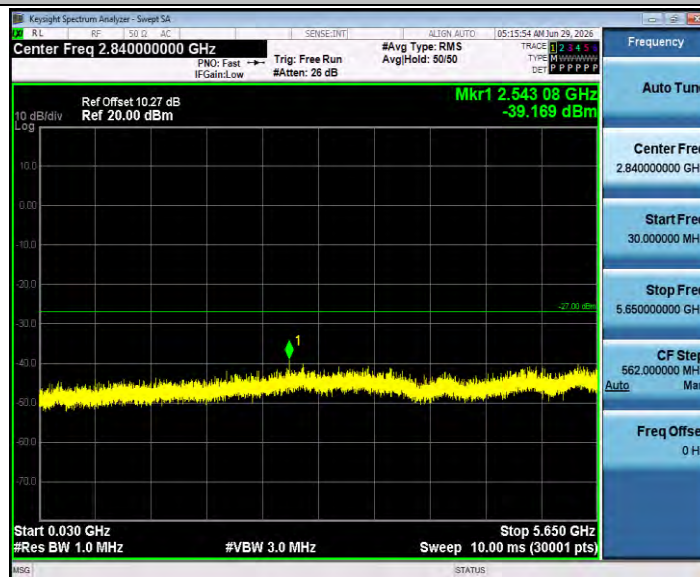
11AX20SISO_Ant1_5745_30~5650



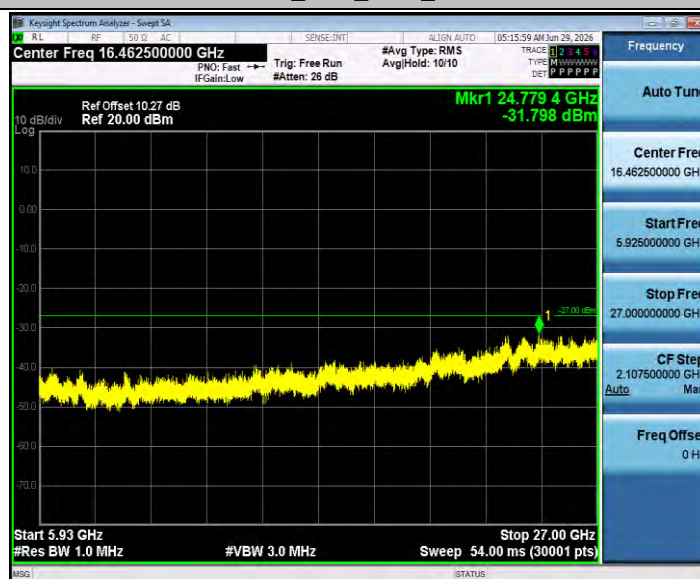
11AX20SISO_Ant1_5745_5925~27000



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

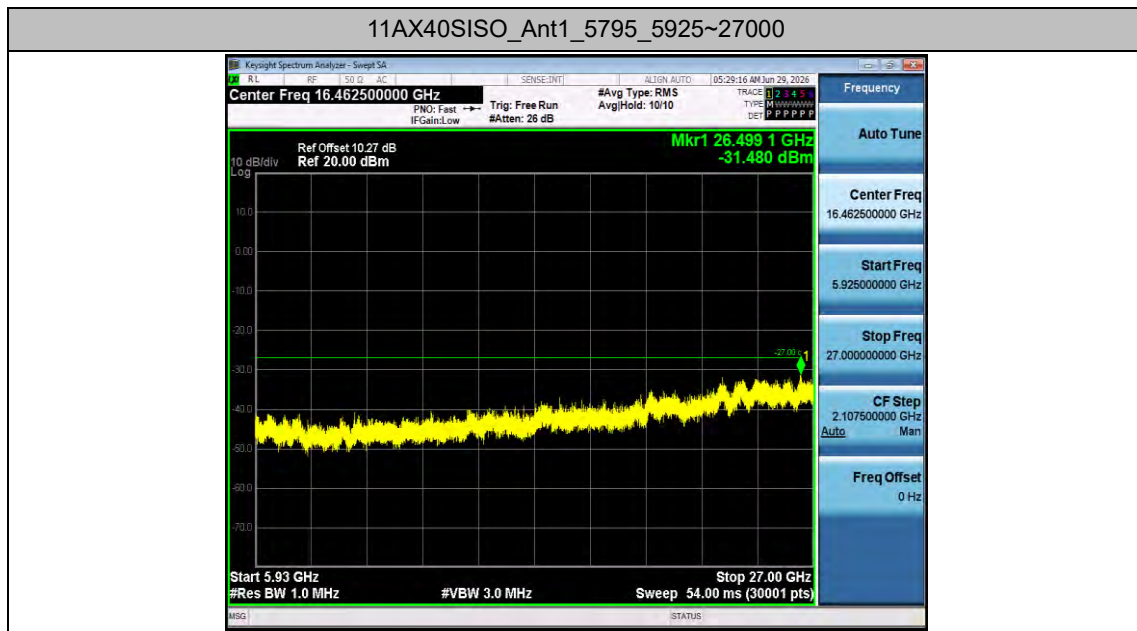


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





Appendix E.8: Emissions in Restricted Bands

Test Result

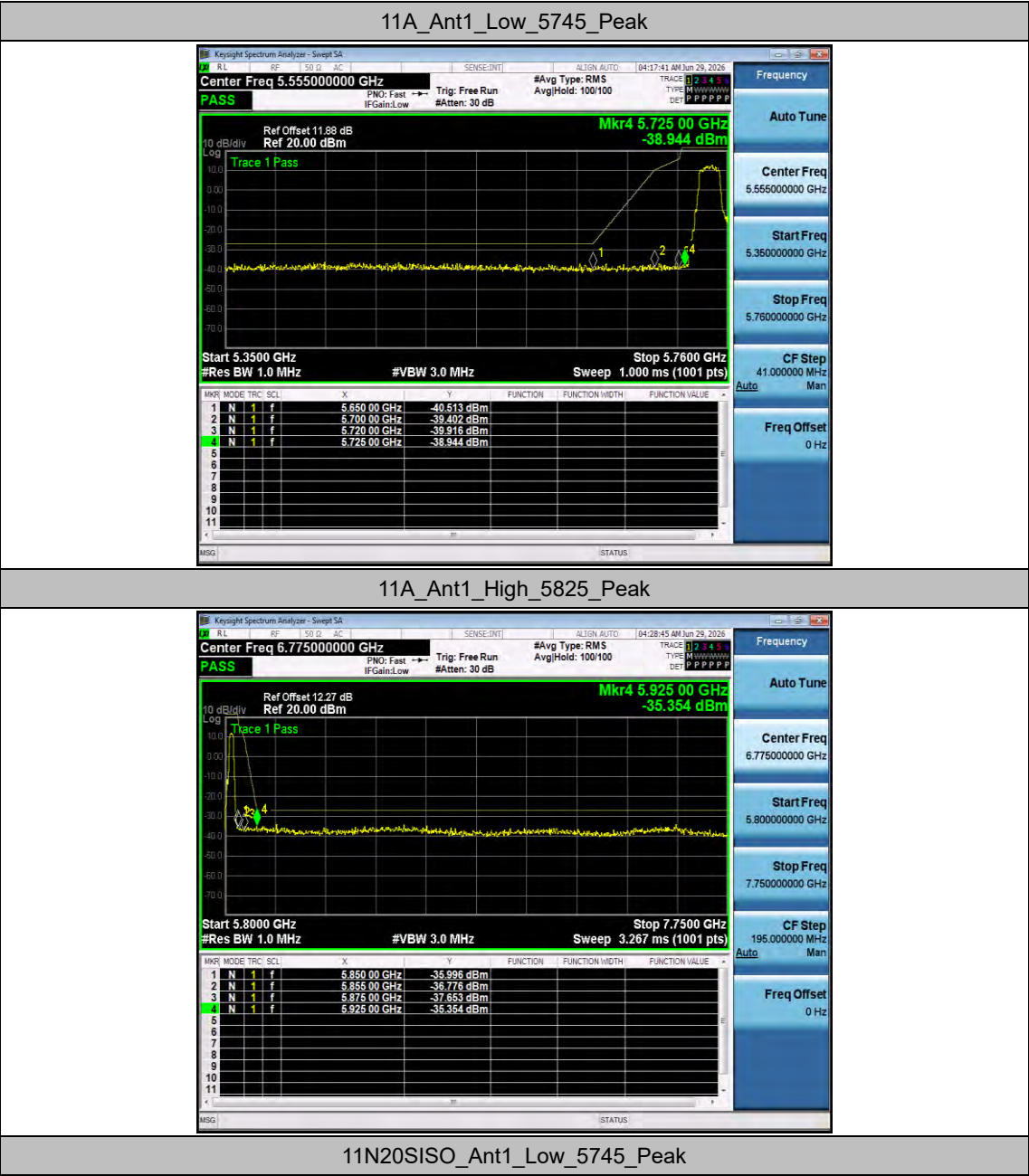
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-40.51 3	≤-27.00	---	---	PASS
				Peak	5700.000	-39.4	≤10.00	---	---	PASS
				Peak	5720.000	-39.92	≤15.60	---	---	PASS
				Peak	5725.000	-38.94	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-35.99 6	≤27.00	---	---	PASS
				Peak	5855.000	-36.78	≤15.60	---	---	PASS
				Peak	5875.000	-37.65	≤10.00	---	---	PASS
				Peak	5925.000	-35.35	≤-27.00	---	---	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-38.59 4	≤-27.00	---	---	PASS
				Peak	5700.000	-39.78	≤10.00	---	---	PASS
				Peak	5720.000	-39.62	≤15.60	---	---	PASS
				Peak	5725.000	-39.79	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-36.83 1	≤27.00	---	---	PASS
				Peak	5855.000	-36.94	≤15.60	---	---	PASS
				Peak	5875.000	-35.28	≤10.00	---	---	PASS
				Peak	5925.000	-35.82	≤-27.00	---	---	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-39.87 3	≤-27.00	---	---	PASS
				Peak	5700.000	-39.18	≤10.00	---	---	PASS
				Peak	5720.000	-37.92	≤15.60	---	---	PASS
				Peak	5725.000	-36.08	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-36.72 5	≤27.00	---	---	PASS
				Peak	5855.000	-35.94	≤15.60	---	---	PASS
				Peak	5875.000	-36.17	≤10.00	---	---	PASS
				Peak	5925.000	-36.8	≤-27.00	---	---	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-39.09 6	≤-27.00	---	---	PASS
				Peak	5700.000	-39.83	≤10.00	---	---	PASS
				Peak	5720.000	-39.25	≤15.60	---	---	PASS
				Peak	5725.000	-39.96	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-36.25 4	≤27.00	---	---	PASS

				Peak	5855.000	-35.42	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.01	≤ 10.00	---	---	PASS
				Peak	5925.000	-37.62	≤ -27.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-40.24 6	≤ -27.00	---	---	PASS
				Peak	5700.000	-38.11	≤ 10.00	---	---	PASS
				Peak	5720.000	-39.31	≤ 15.60	---	---	PASS
				Peak	5725.000	-38.47	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-34.58 8	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.07	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.46	≤ 10.00	---	---	PASS
				Peak	5925.000	-35.47	≤ -27.00	---	---	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-40.06 4	≤ -27.00	---	---	PASS
				Peak	5700.000	-39.32	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.68	≤ 15.60	---	---	PASS
				Peak	5725.000	-39.57	≤ 27.00	---	---	PASS
		High	5825	Peak	5850.000	-36.18 7	≤ 27.00	---	---	PASS
				Peak	5855.000	-37.79	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.97	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.38	≤ -27.00	---	---	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-40.36 6	≤ -27.00	---	---	PASS
				Peak	5700.000	-39.04	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.62	≤ 15.60	---	---	PASS
				Peak	5725.000	-37.69	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-36.26	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.45	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.09	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.04	≤ -27.00	---	---	PASS

Note:

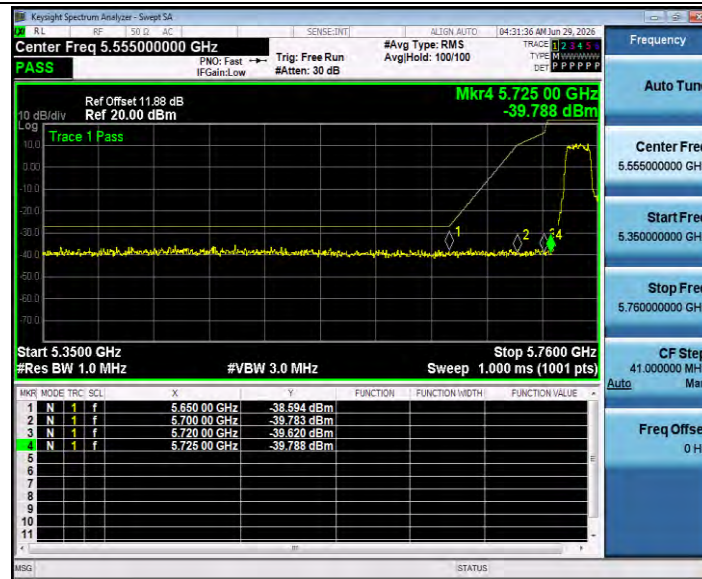
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm 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



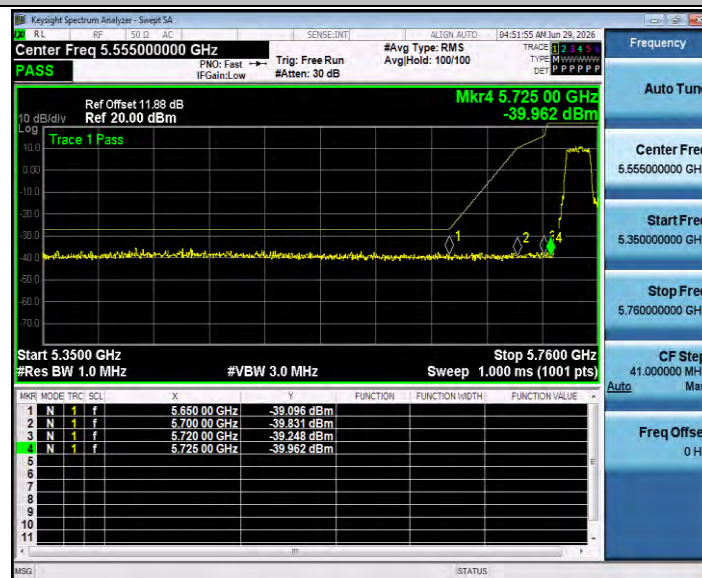
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



11AC20SISO_Ant1_Low_5745_Peak



11AC20SISO_Ant1_High_5825_Peak



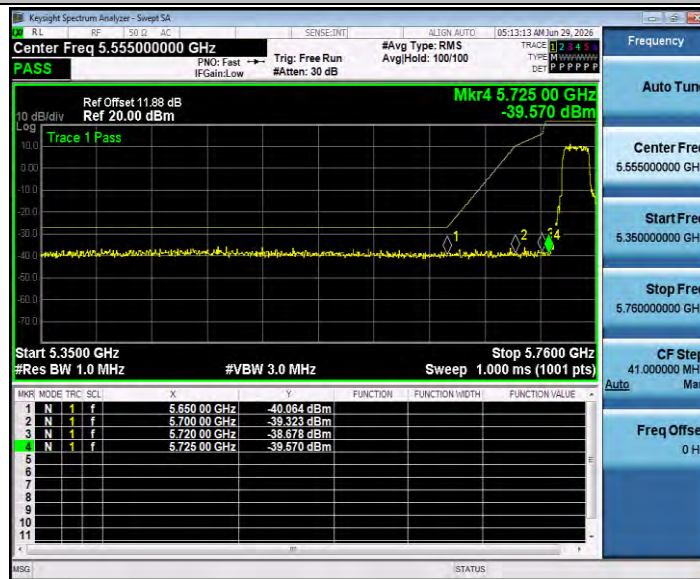
11AC40SISO_Ant1_Low_5755_Peak



11AC40SISO_Ant1_High_5795_Peak



11AX20SISO_Ant1_Low_5745_Peak



11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak

