

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	-40.29	≤-26.53	PASS
				5700~5720	-32.49	≤14.15	PASS
				5720~5725	-27.71	≤18.70	PASS
				5760~5650	-39.92	≤-27	PASS
		High	5825	5850~5855	-40	≤16.03	PASS
				5855~5875	-37.1	≤11.65	PASS
				5875~5925	-38.65	≤-25.41	PASS
				5925~5935	-37.95	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-39.88	≤-26.27	PASS
				5700~5720	-27.12	≤15.43	PASS
				5720~5725	-26	≤16.60	PASS
				5760~5650	-39.22	≤-27	PASS
		High	5825	5850~5855	-32.15	≤15.73	PASS
				5855~5875	-37.25	≤11.00	PASS
				5875~5925	-39.97	≤-26.91	PASS
				5925~5935	-38.81	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-38.73	≤-26.90	PASS
				5700~5720	-24.98	≤12.90	PASS
				5720~5725	-25.43	≤15.74	PASS
				5780~5650	-38.92	≤-27	PASS
		High	5795	5850~5855	-34.78	≤17.91	PASS
				5855~5875	-35.27	≤13.76	PASS
				5875~5925	-39.78	≤-26.95	PASS
				5925~5935	-38.66	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-40.27	≤-26.79	PASS
				5700~5720	-28.03	≤15.24	PASS
				5720~5725	-28.3	≤16.60	PASS
				5760~5650	-39.38	≤-27	PASS
		High	5825	5850~5855	-33.86	≤17.88	PASS
				5855~5875	-33.33	≤15.24	PASS
				5875~5925	-38.57	≤-26.61	PASS
				5925~5935	-38.05	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-39.55	≤-26.10	PASS

				5700~5720	-26.66	≤ 13.39	PASS
				5720~5725	-21.82	≤ 19.12	PASS
				5780~5650	-39.32	≤ -27	PASS
		High	5795	5850~5855	-36.22	≤ 16.03	PASS
				5855~5875	-38.94	≤ 10.02	PASS
				5875~5925	-39.41	≤ -26.46	PASS
				5925~5935	-38.51	≤ -27	PASS
11AX20SISO	Ant1	Low	5745	5650~5700	-40	≤ -26.79	PASS
				5700~5720	-28.11	≤ 15.14	PASS
				5720~5725	-19.17	≤ 20.80	PASS
				5760~5650	-39.15	≤ -27	PASS
		High	5825	5850~5855	-32.53	≤ 18.50	PASS
				5855~5875	-33.59	≤ 14.07	PASS
				5875~5925	-38.72	≤ -26.81	PASS
				5925~5935	-38.1	≤ -27	PASS
11AX40SISO	Ant1	Low	5755	5650~5700	-39.45	≤ -26.80	PASS
				5700~5720	-23.89	≤ 13.54	PASS
				5720~5725	-26.9	≤ 16.35	PASS
				5780~5650	-39.44	≤ -27	PASS
		High	5795	5850~5855	-35.77	≤ 16.41	PASS
				5855~5875	-33.11	≤ 14.41	PASS
				5875~5925	-38.24	≤ -26.46	PASS
				5925~5935	-37.1	≤ -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



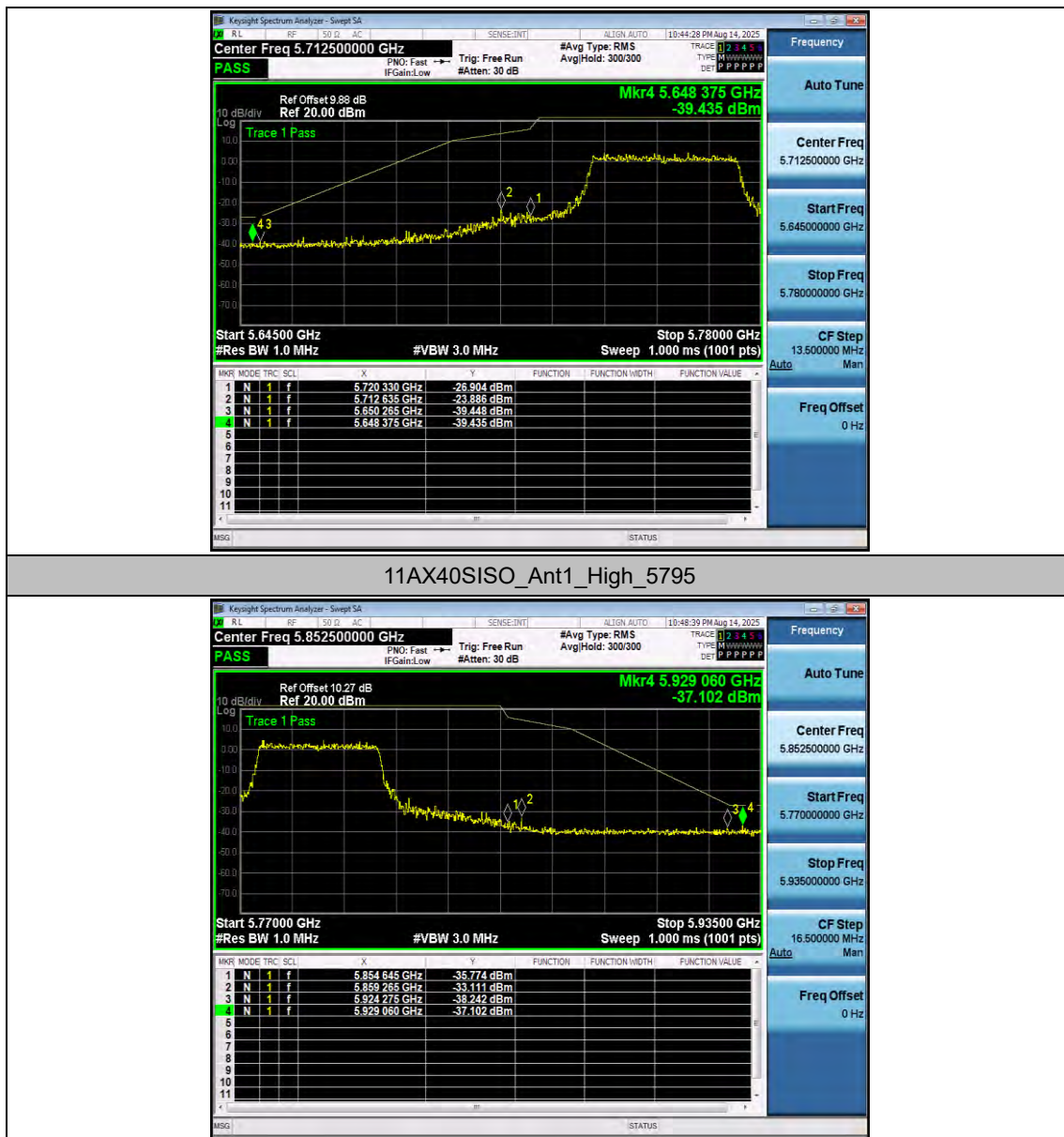
11AX20SISO_Ant1_Low_5745



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	2775.18	-40.49	≤-27	PASS
			5925~27000	26034.77	-31.76	≤-27	PASS
		5785	30~5650	5394.66	-39.56	≤-27	PASS
			5925~27000	24209.67	-31.49	≤-27	PASS
		5825	30~5650	4946.56	-39.62	≤-27	PASS
			5925~27000	24187.19	-31.77	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5437.56	-39.36	≤-27	PASS
			5925~27000	24183.68	-32.14	≤-27	PASS
		5785	30~5650	5462.1	-39.65	≤-27	PASS
			5925~27000	24303.81	-31.47	≤-27	PASS
		5825	30~5650	5013.25	-39.37	≤-27	PASS
			5925~27000	24285.54	-31.37	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4604.31	-35.83	≤-27	PASS
			5925~27000	24800.47	-31.21	≤-27	PASS
		5795	30~5650	5545.66	-39.5	≤-27	PASS
			5925~27000	26445.03	-31.64	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5469.04	-38.71	≤-27	PASS
			5925~27000	26784.33	-32.1	≤-27	PASS
		5785	30~5650	5456.86	-39.31	≤-27	PASS
			5925~27000	26985.25	-32.47	≤-27	PASS
		5825	30~5650	5475.03	-40.1	≤-27	PASS
			5925~27000	26954.34	-31.77	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5405.9	-40.49	≤-27	PASS
			5925~27000	26669.12	-31.77	≤-27	PASS
		5795	30~5650	826.17	-35.88	≤-27	PASS
			5925~27000	26826.48	-31.61	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5390.54	-39.86	≤-27	PASS
			5925~27000	24296.08	-31.07	≤-27	PASS
		5785	30~5650	5464.54	-40.31	≤-27	PASS
			5925~27000	23565.48	-31.57	≤-27	PASS
		5825	30~5650	5489.46	-39.03	≤-27	PASS
			5925~27000	26664.21	-31.95	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5590.05	-39.68	≤-27	PASS
			5925~27000	24284.14	-31.61	≤-27	PASS
		5795	30~5650	5477.28	-39.28	≤-27	PASS

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			5925~27000	25979.27	-31.36	≤ -27	PASS
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Test Graphs

11A_Ant1_5745_30~5650



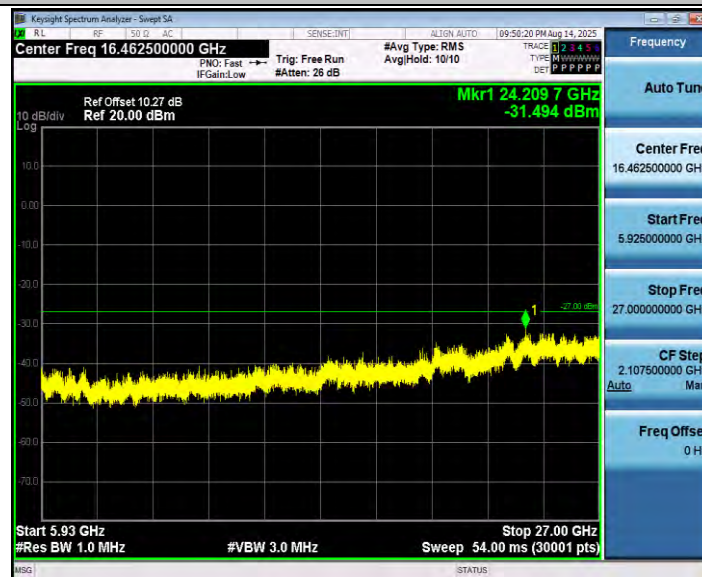
11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



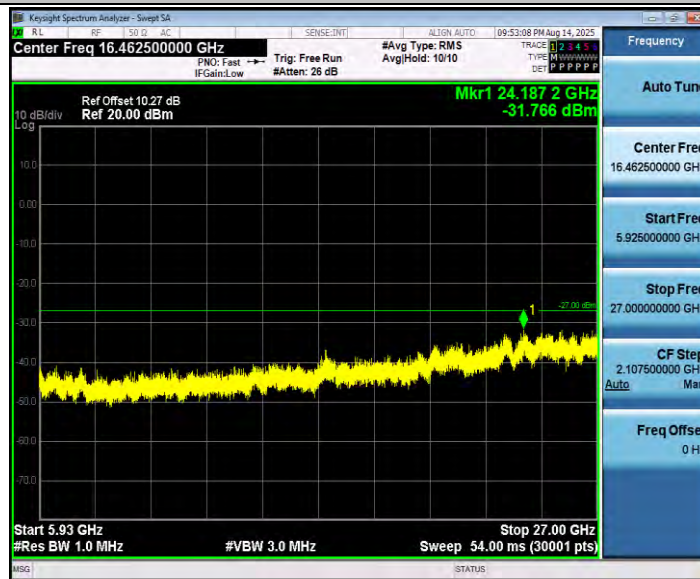
11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



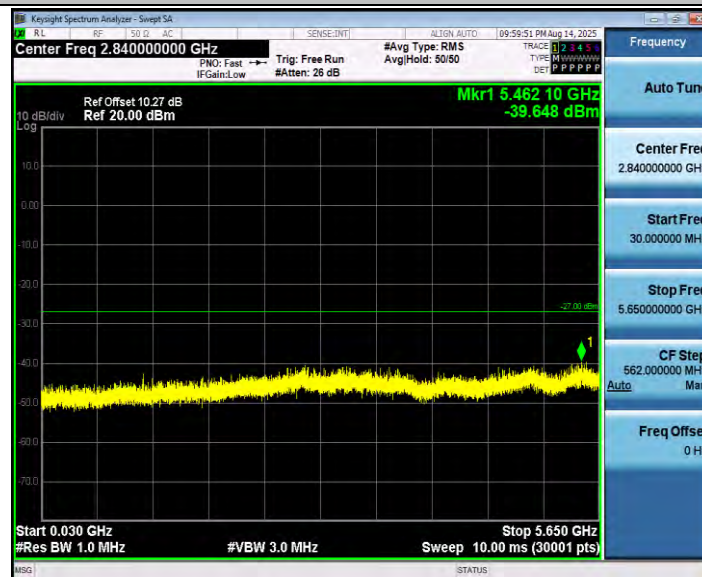
11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



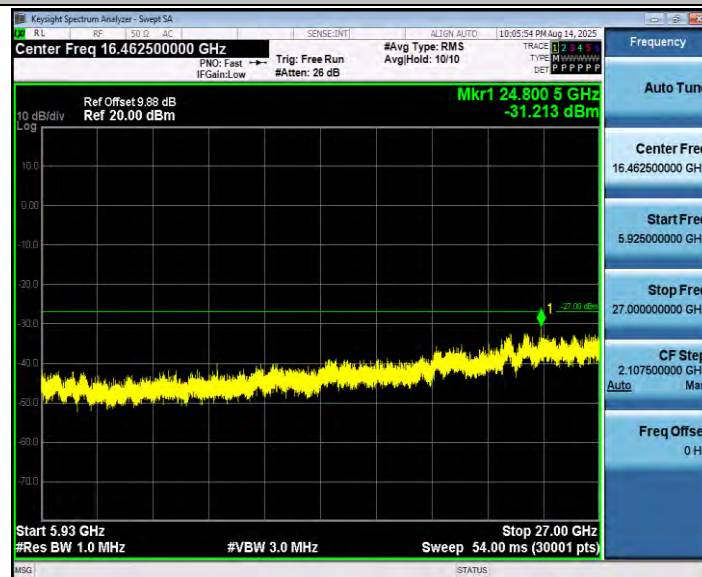
11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



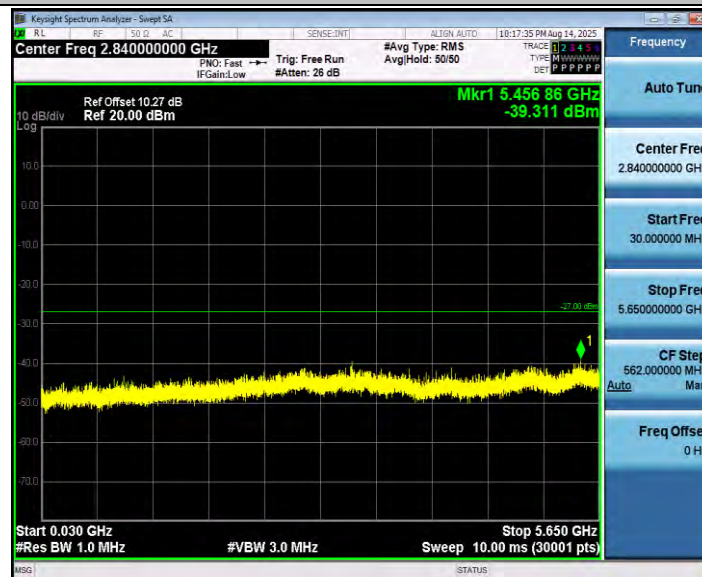
11AC20SISO_Ant1_5745_30~5650



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



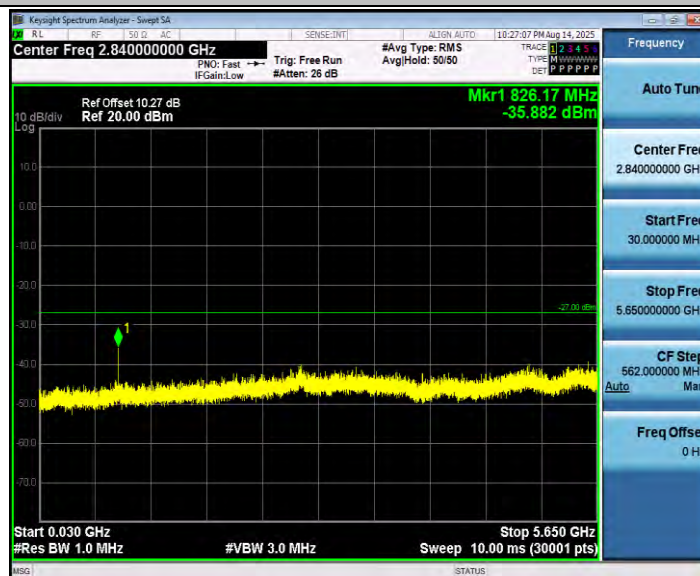
11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AX20SISO_Ant1_5745_30~5650



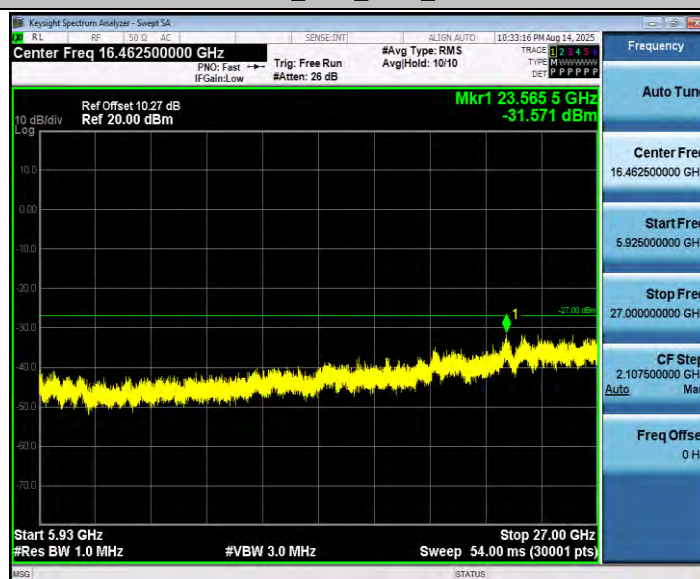
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



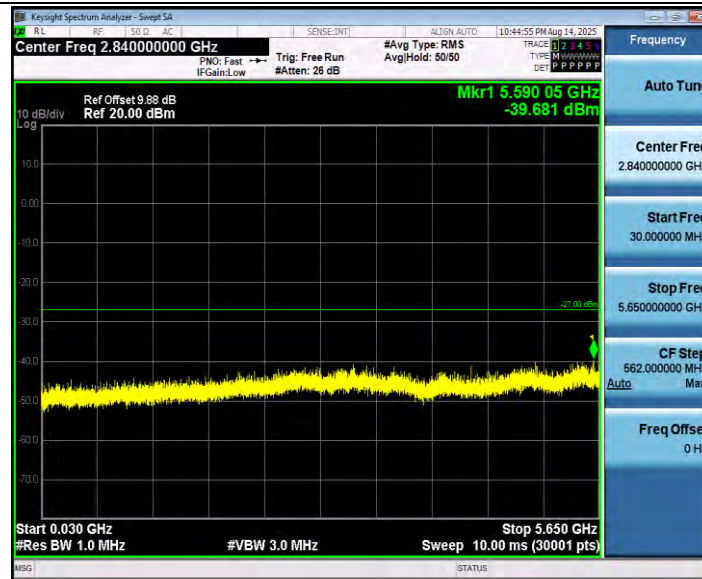
11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650

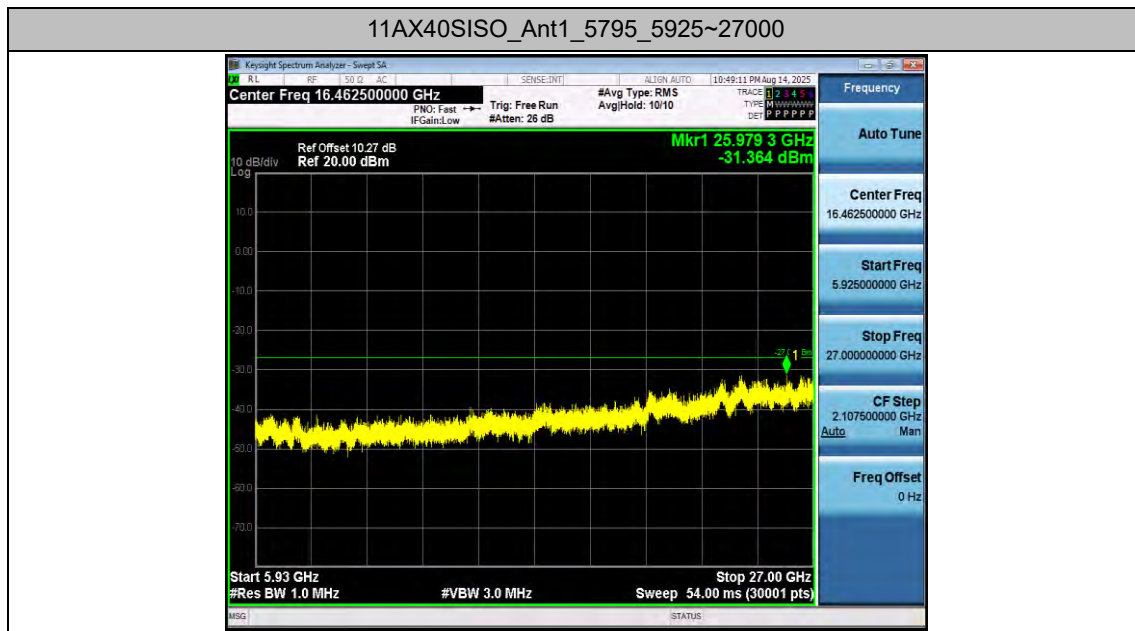


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





Appendix E.8:Emissions in Restricted Bands

Test Result

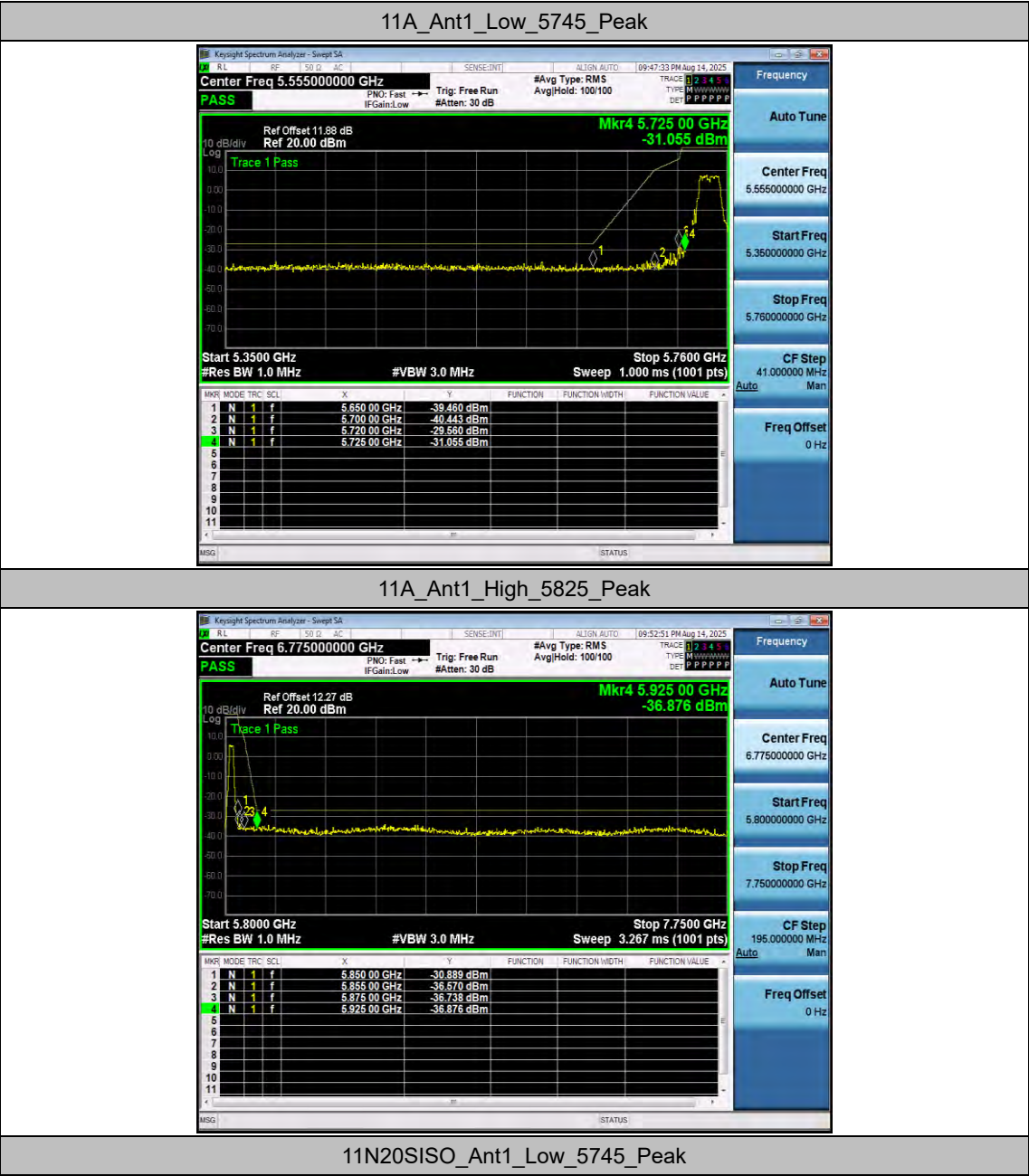
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-39.46	≤-27.00	PASS
				Peak	5700.000	-40.44	≤10.00	PASS
				Peak	5720.000	-29.56	≤15.60	PASS
				Peak	5725.000	-31.06	≤27.00	PASS
		High	5825	Peak	5850.000	-30.889	≤27.00	PASS
				Peak	5855.000	-36.57	≤15.60	PASS
				Peak	5875.000	-36.74	≤10.00	PASS
				Peak	5925.000	-36.88	≤-27.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-40.196	≤-27.00	PASS
				Peak	5700.000	-34.81	≤10.00	PASS
				Peak	5720.000	-29.95	≤15.60	PASS
				Peak	5725.000	-26.48	≤27.00	PASS
		High	5825	Peak	5850.000	-33.248	≤27.00	PASS
				Peak	5855.000	-32.23	≤15.60	PASS
				Peak	5875.000	-35.72	≤10.00	PASS
				Peak	5925.000	-35.78	≤-27.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-41.077	≤-27.00	PASS
				Peak	5700.000	-36.26	≤10.00	PASS
				Peak	5720.000	-29.77	≤15.60	PASS
				Peak	5725.000	-25.36	≤27.00	PASS
		High	5795	Peak	5850.000	-33.649	≤27.00	PASS
				Peak	5855.000	-36.03	≤15.60	PASS
				Peak	5875.000	-36.12	≤10.00	PASS
				Peak	5925.000	-36.9	≤-27.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-39.56	≤-27.00	PASS
				Peak	5700.000	-32.86	≤10.00	PASS
				Peak	5720.000	-29.7	≤15.60	PASS
				Peak	5725.000	-24.8	≤27.00	PASS
		High	5825	Peak	5850.000	-32.045	≤27.00	PASS
				Peak	5855.000	-31.47	≤15.60	PASS
				Peak	5875.000	-34.96	≤10.00	PASS
				Peak	5925.000	-36.59	≤-27.00	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-38.873	≤-27.00	PASS
				Peak	5700.000	-34.89	≤10.00	PASS
				Peak	5720.000	-28.94	≤15.60	PASS

		High	5795	Peak	5725.000	-24.73	≤ 27.00	PASS
				Peak	5850.000	-34.298	≤ 27.00	PASS
				Peak	5855.000	-34.68	≤ 15.60	PASS
				Peak	5875.000	-36.35	≤ 10.00	PASS
				Peak	5925.000	-36.21	≤ 27.00	PASS
11AX20SISO	Ant1	Low	5745	Peak	5650.000	-40.508	≤ 27.00	PASS
				Peak	5700.000	-34.53	≤ 10.00	PASS
				Peak	5720.000	-30.39	≤ 15.60	PASS
				Peak	5725.000	-25.4	≤ 27.00	PASS
		High	5825	Peak	5850.000	-29.848	≤ 27.00	PASS
				Peak	5855.000	-28.48	≤ 15.60	PASS
				Peak	5875.000	-36.96	≤ 10.00	PASS
				Peak	5925.000	-35.42	≤ 27.00	PASS
11AX40SISO	Ant1	Low	5755	Peak	5650.000	-40.13	≤ 27.00	PASS
				Peak	5700.000	-32.86	≤ 10.00	PASS
				Peak	5720.000	-26.3	≤ 15.60	PASS
				Peak	5725.000	-22.39	≤ 27.00	PASS
		High	5795	Peak	5850.000	-31.987	≤ 27.00	PASS
				Peak	5855.000	-35.42	≤ 15.60	PASS
				Peak	5875.000	-35.82	≤ 10.00	PASS
				Peak	5925.000	-36.93	≤ 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





11N20SISO_Ant1_High_5825_Peak



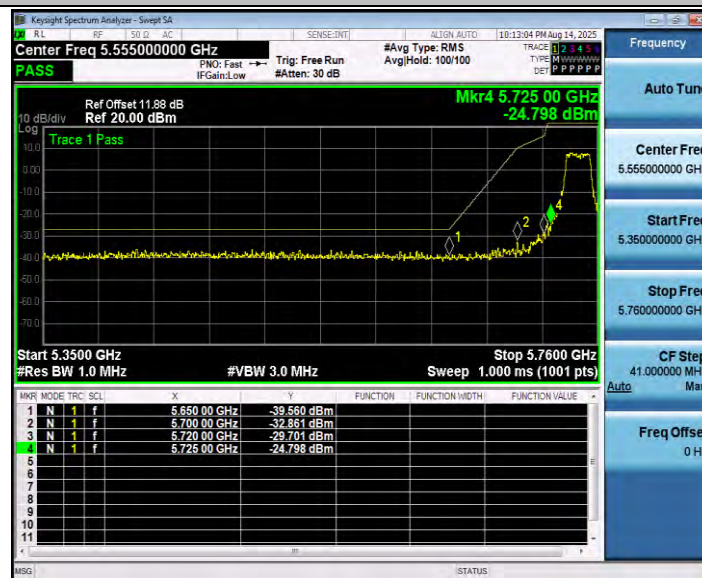
11N40SISO_Ant1_Low_5755_Peak



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

