

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	-39.77	≤-26.79	PASS
				5700~5720	-25.21	≤15.14	PASS
				5720~5725	-24.42	≤18.70	PASS
				5760~5650	-39.93	≤-27	PASS
		High	5825	5850~5855	-29.68	≤15.73	PASS
				5855~5875	-31.42	≤11.91	PASS
				5875~5925	-39.16	≤-26.31	PASS
				5925~5935	-38.2	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.13	≤-26.87	PASS
				5700~5720	-25.57	≤15.43	PASS
				5720~5725	-21.83	≤19.75	PASS
				5760~5650	-39.57	≤-27	PASS
		High	5825	5850~5855	-27.94	≤15.73	PASS
				5855~5875	-26.52	≤15.54	PASS
				5875~5925	-39.64	≤-26.91	PASS
				5925~5935	-37.45	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.51	≤-25.80	PASS
				5700~5720	-21.56	≤13.84	PASS
				5720~5725	-23	≤16.04	PASS
				5780~5650	-38.66	≤-27	PASS
		High	5795	5850~5855	-32.51	≤16.03	PASS
				5855~5875	-31.96	≤12.14	PASS
				5875~5925	-38.33	≤-25.61	PASS
				5925~5935	-37.78	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.76	≤-26.87	PASS
				5700~5720	-31.24	≤10.22	PASS
				5720~5725	-24.91	≤17.13	PASS
				5760~5650	-39.54	≤-27	PASS
		High	5825	5850~5855	-25.42	≤15.73	PASS
				5855~5875	-26.09	≤15.58	PASS
				5875~5925	-40.03	≤-26.71	PASS
				5925~5935	-38.41	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.58	≤-26.60	PASS
				5700~5720	-22.78	≤13.46	PASS
				5720~5725	-22.95	≤15.74	PASS
				5780~5650	-38.69	≤-27	PASS

		High	5795	5850~5855	-32.31	≤ 15.66	PASS
				5855~5875	-34.31	≤ 10.99	PASS
				5875~5925	-38.61	≤ -26.22	PASS
				5925~5935	-38.37	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-34.11	≤ -25.42	PASS
				5700~5720	-25.38	≤ 10.22	PASS
				5720~5725	-24	≤ 18.12	PASS
				5800~5650	-34.02	≤ -27	PASS
		High	5775	5850~5855	-29.39	≤ 15.84	PASS
				5855~5875	-26.11	≤ 12.42	PASS
				5875~5925	-39.71	≤ -26.73	PASS
				5925~5935	-38.49	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.39	≤ -26.87	PASS
				5700~5720	-24.64	≤ 14.76	PASS
				5720~5725	-22.13	≤ 16.60	PASS
				5760~5650	-39.06	≤ -27	PASS
		High	5825	5850~5855	-25.45	≤ 16.96	PASS
				5855~5875	-25.52	≤ 14.59	PASS
				5875~5925	-39.13	≤ -26.81	PASS
				5925~5935	-38.54	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.4	≤ -26.90	PASS
				5700~5720	-19.88	≤ 14.37	PASS
				5720~5725	-23.95	≤ 16.66	PASS
				5780~5650	-39.24	≤ -27	PASS
		High	5795	5850~5855	-28.94	≤ 16.03	PASS
				5855~5875	-30.16	≤ 13.07	PASS
				5875~5925	-39.55	≤ -26.95	PASS
				5925~5935	-38.11	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-34.63	≤ -26.46	PASS
				5700~5720	-18.55	≤ 12.18	PASS
				5720~5725	-23.8	≤ 15.65	PASS
				5800~5650	-34.17	≤ -27	PASS
		High	5775	5850~5855	-25.49	≤ 15.84	PASS
				5855~5875	-28.07	≤ 11.49	PASS
				5875~5925	-39.66	≤ -26.60	PASS
				5925~5935	-38.31	≤ -27	PASS

Test Graphs B4



11A_Ant1_High_5825

Frequency

Auto Tune

Center Freq 5.867500000 GHz

Start Freq 5.800000000 GHz

Stop Freq 5.935000000 GHz

CF Step 13.500000 MHz Man

Freq Offset 0 Hz

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



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



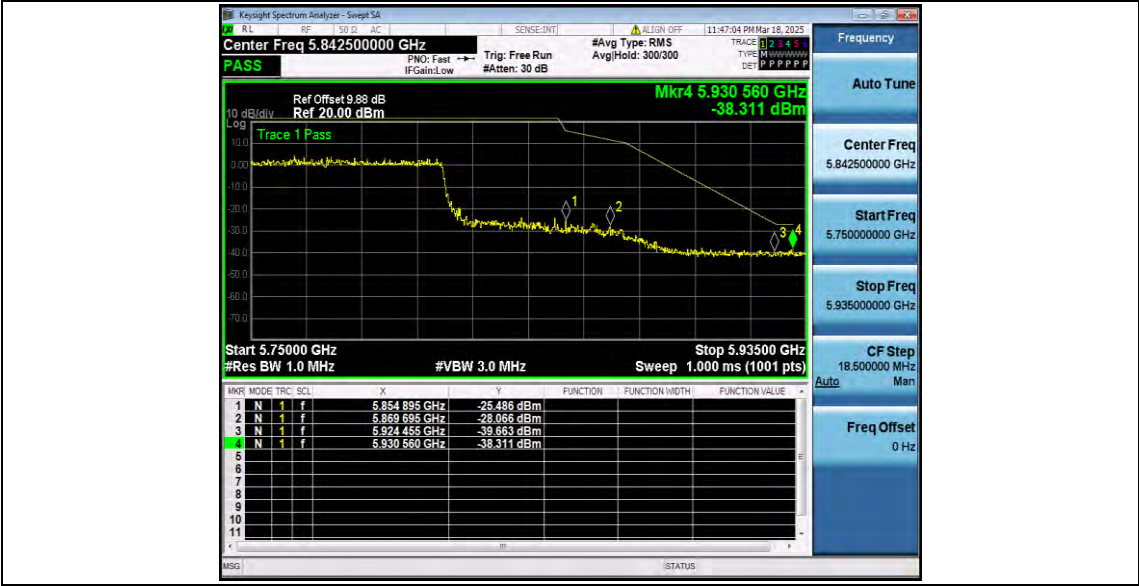
11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



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	4860.58	-40.09	≤-27	PASS
			5925~27000	24225.83	-32.13	≤-27	PASS
		5785	30~5650	5388.48	-40.16	≤-27	PASS
			5925~27000	25064.61	-31.74	≤-27	PASS
		5825	30~5650	5457.42	-40.13	≤-27	PASS
			5925~27000	24801.88	-31.79	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5527.86	-39.95	≤-27	PASS
			5925~27000	24242.69	-31.64	≤-27	PASS
		5785	30~5650	4948.25	-39.1	≤-27	PASS
			5925~27000	24272.9	-31.79	≤-27	PASS
		5825	30~5650	5555.58	-39.47	≤-27	PASS
			5925~27000	25927.28	-31.48	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5439.06	-40.01	≤-27	PASS
			5925~27000	24893.91	-32.39	≤-27	PASS
		5795	30~5650	5491.14	-39.54	≤-27	PASS
			5925~27000	26846.86	-30.57	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5438.88	-38.6	≤-27	PASS
			5925~27000	25785.38	-31.86	≤-27	PASS
		5785	30~5650	5476.34	-39.77	≤-27	PASS
			5925~27000	24259.55	-31.01	≤-27	PASS
		5825	30~5650	2625.5	-39.83	≤-27	PASS
			5925~27000	24758.32	-32.07	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4918.46	-40.87	≤-27	PASS
			5925~27000	25003.5	-31.31	≤-27	PASS
		5795	30~5650	5424.26	-39.29	≤-27	PASS
			5925~27000	24997.88	-31.65	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5628.27	-38.86	≤-27	PASS
			5925~27000	26016.5	-31.82	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	2991.55	-40.54	≤-27	PASS
			5925~27000	26079.73	-31.73	≤-27	PASS
		5785	30~5650	5430.26	-38.82	≤-27	PASS
			5925~27000	25503.68	-31.24	≤-27	PASS
		5825	30~5650	5489.46	-38.87	≤-27	PASS
			5925~27000	24293.27	-31.01	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4915.84	-39.53	≤-27	PASS
			5925~27000	24790.64	-32.3	≤-27	PASS

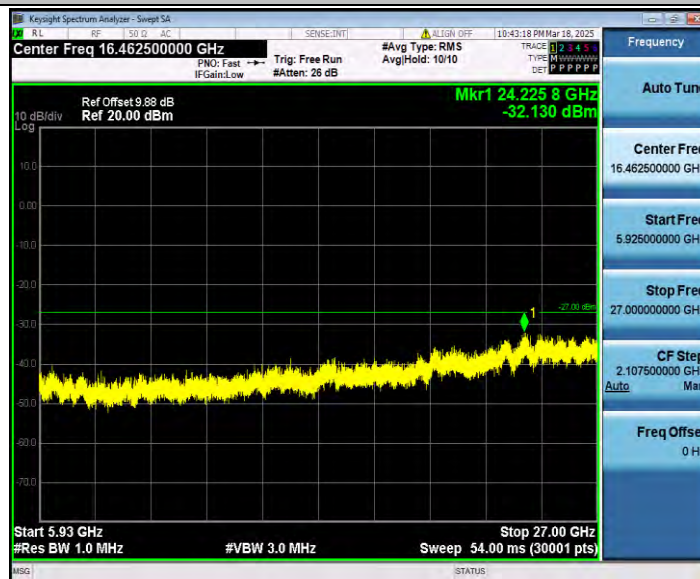
		5795	30~5650	5532.54	-39.99	≤ -27	PASS
			5925~27000	24969.78	-30.92	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5640.45	-37.02	≤ -27	PASS
			5925~27000	23515.6	-32.01	≤ -27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



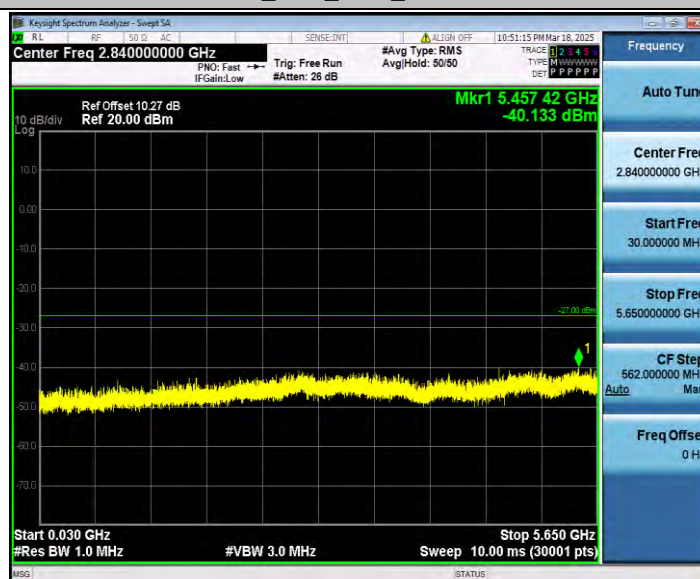
11A_Ant1_5785_30~5650



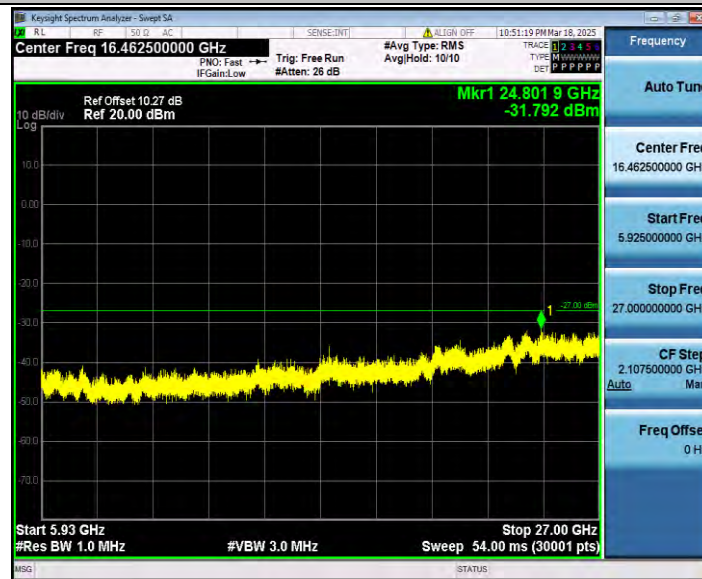
11A_Ant1_5785_5925~27000



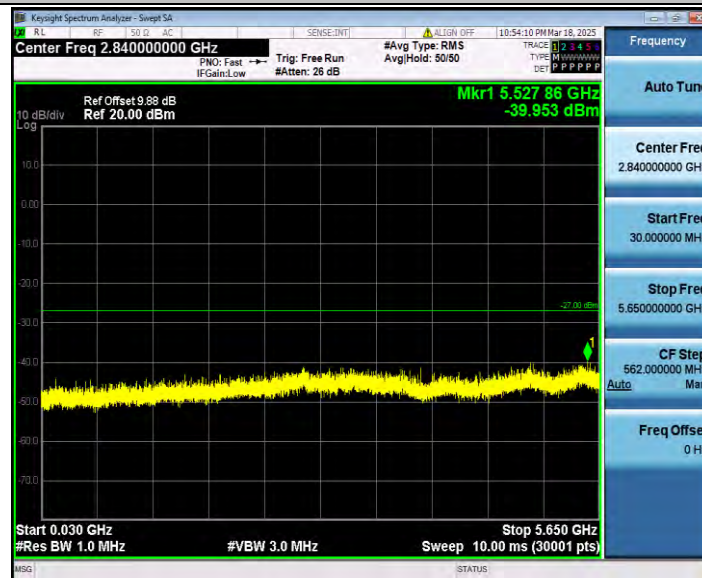
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



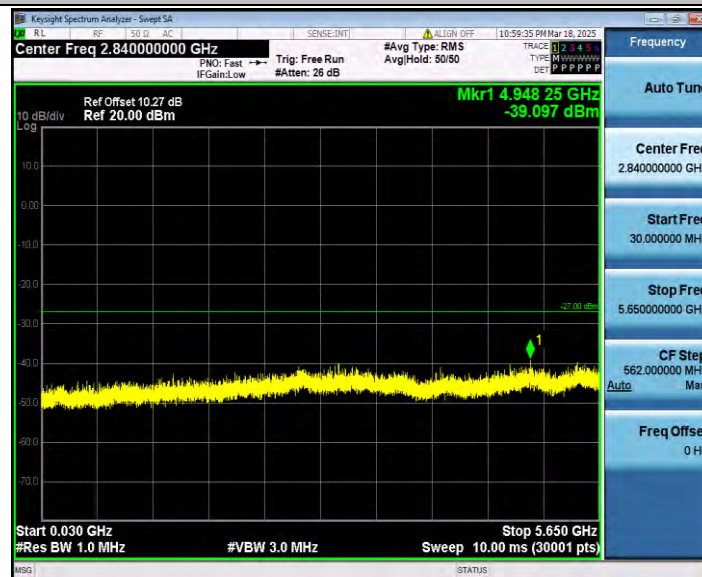
11N20SISO_Ant1_5745_30~5650



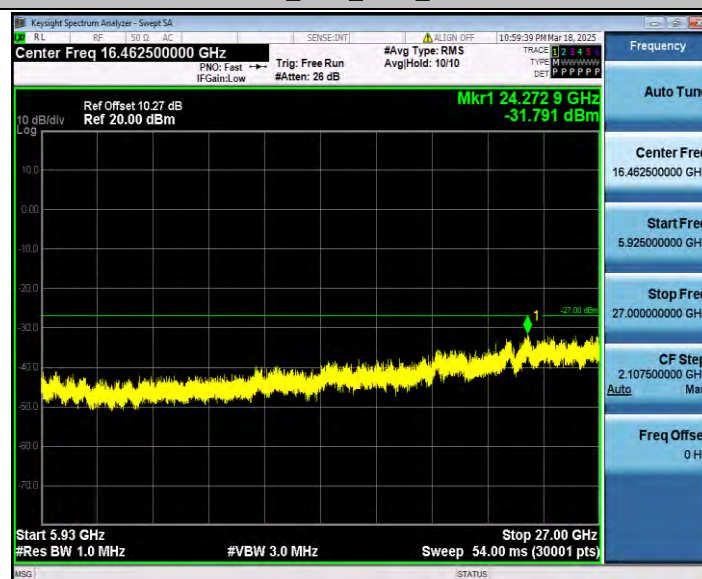
11N20SISO_Ant1_5745_5925~27000



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



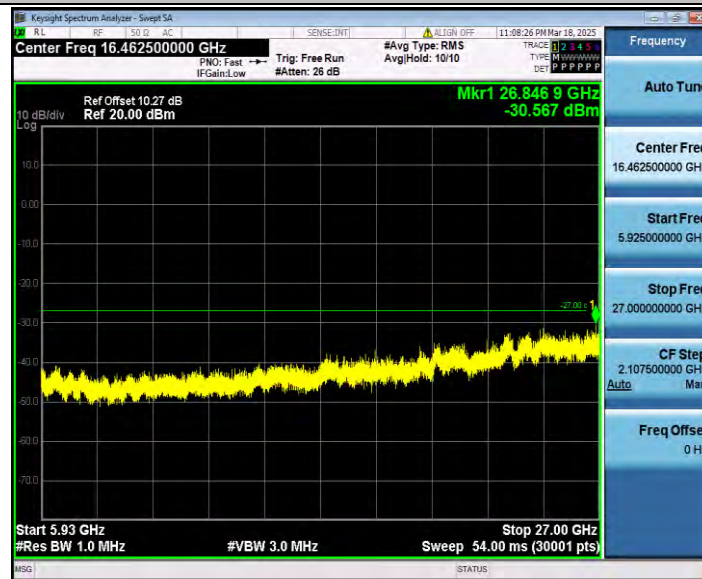
11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



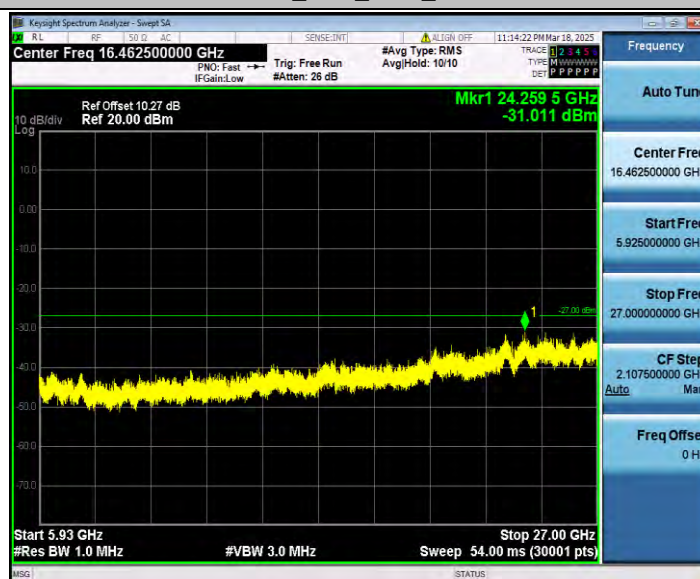
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11AC20SISO_Ant1_5785_30~5650



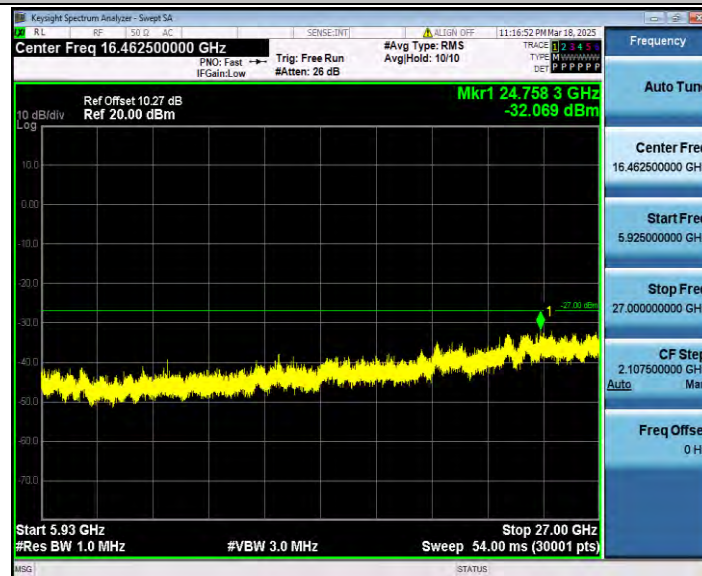
11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



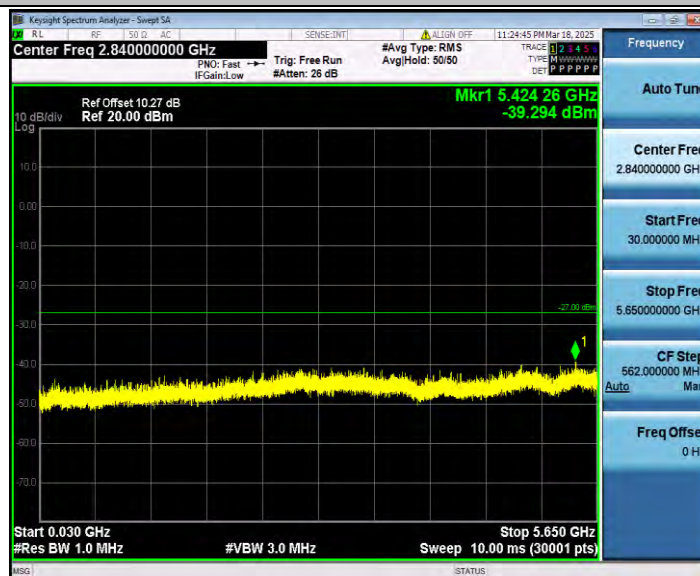
11AC40SISO_Ant1_5755_30~5650



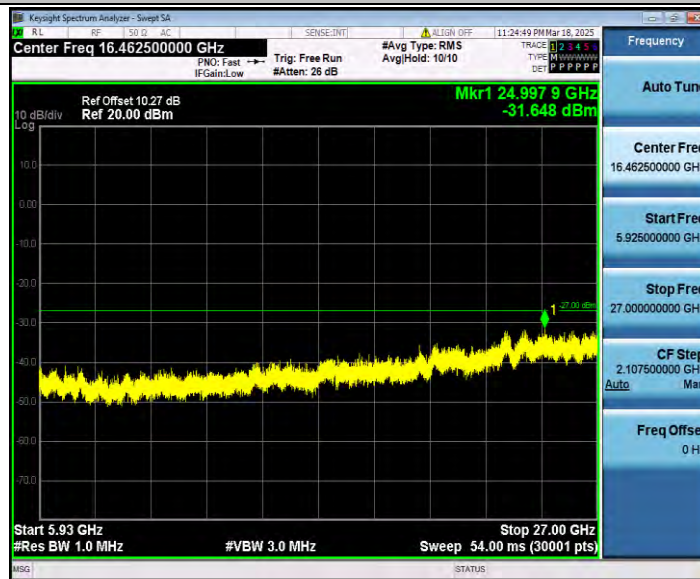
11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



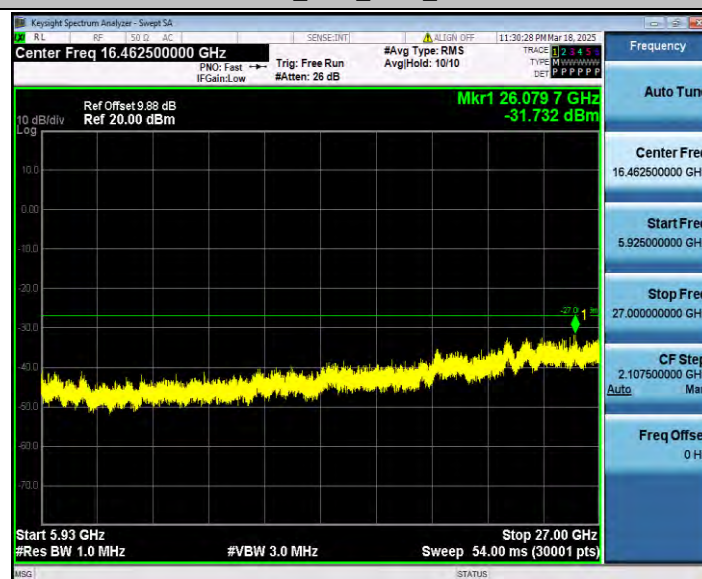
11AC80SISO_Ant1_5775_5925~27000



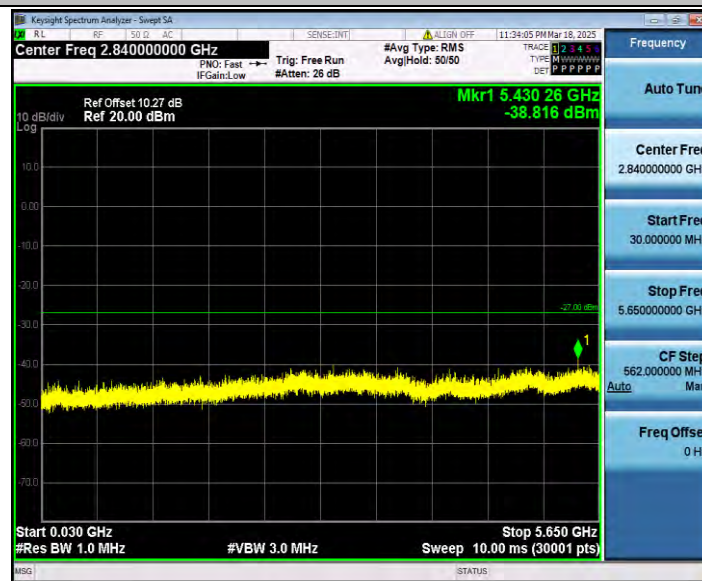
11AX20SISO_Ant1_5745_30~5650



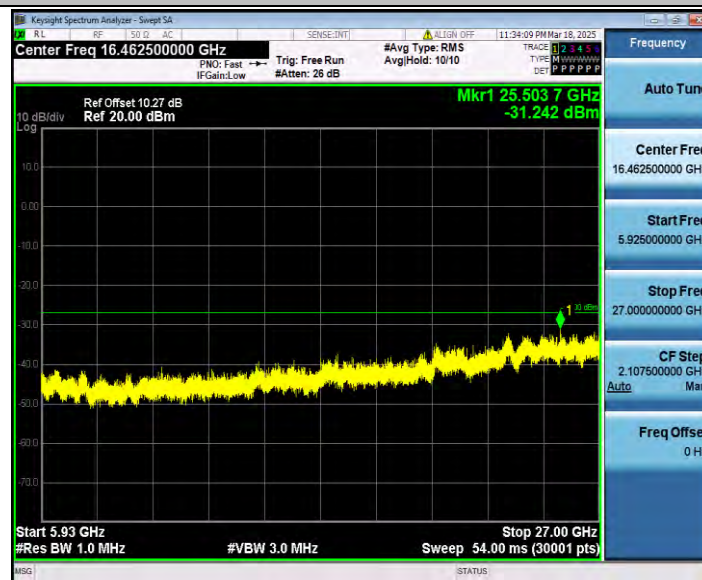
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



11AX20SISO_Ant1_5825_30~5650



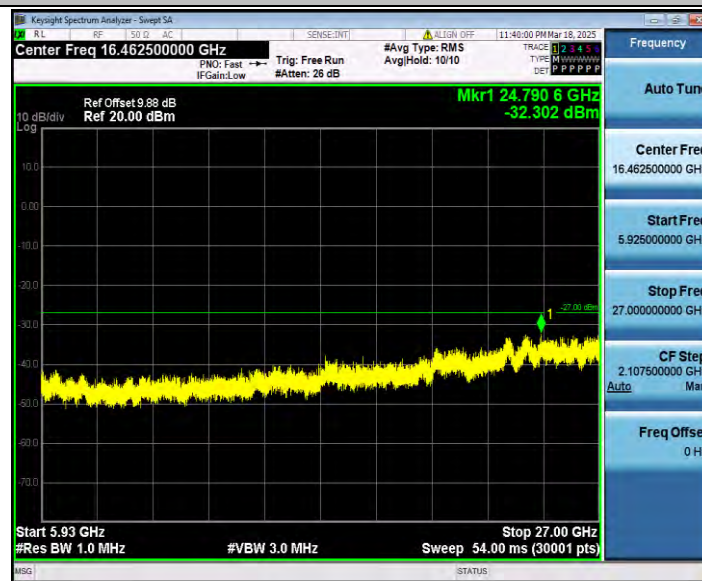
11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~27000



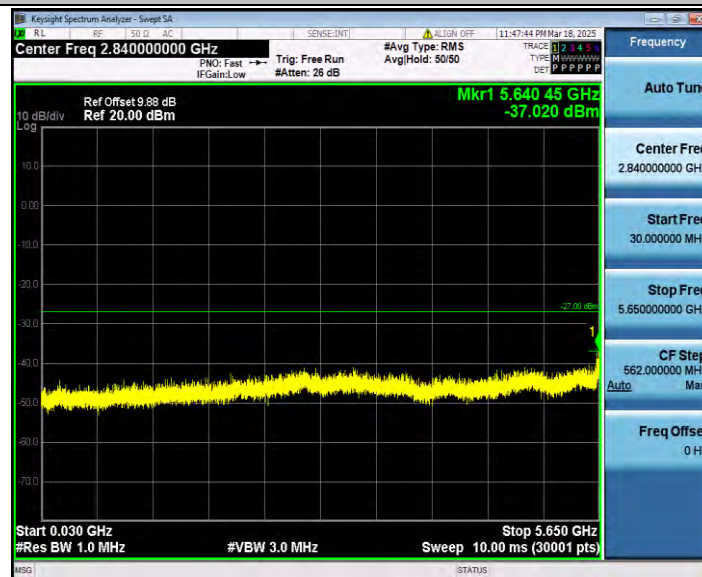
11AX40SISO_Ant1_5795_30~5650



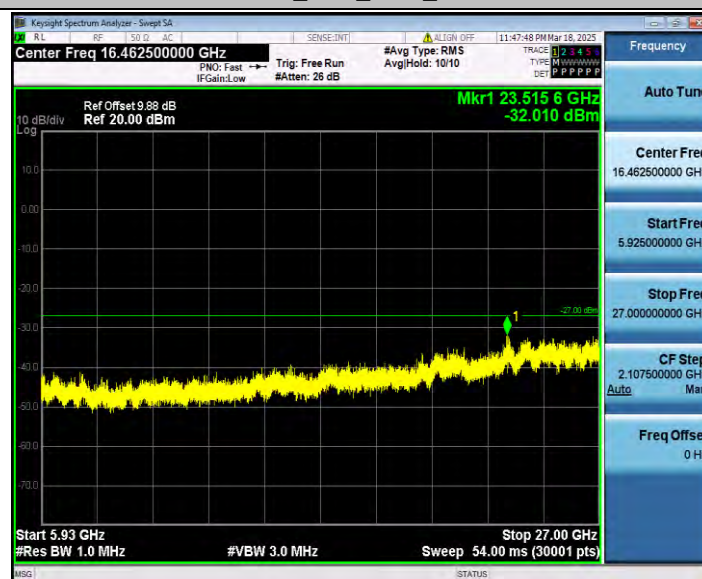
11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000



Appendix G.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	-39.89 2	≤-27.00	---	---	PASS
				Peak	5700.000	-36.02	≤10.00	---	---	PASS
				Peak	5720.000	-27.81	≤15.60	---	---	PASS
				Peak	5725.000	-20.92	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-25.23 4	≤27.00	---	---	PASS
				Peak	5855.000	-28.16	≤15.60	---	---	PASS
				Peak	5875.000	-36.31	≤10.00	---	---	PASS
				Peak	5925.000	-37.65	≤-27.00	---	---	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-40.00 4	≤-27.00	---	---	PASS
				Peak	5700.000	-34.65	≤10.00	---	---	PASS
				Peak	5720.000	-26.23	≤15.60	---	---	PASS
				Peak	5725.000	-22.33	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-27.81 2	≤27.00	---	---	PASS
				Peak	5855.000	-24.81	≤15.60	---	---	PASS
				Peak	5875.000	-32.74	≤10.00	---	---	PASS
				Peak	5925.000	-35.77	≤-27.00	---	---	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-39.18 9	≤-27.00	---	---	PASS
				Peak	5700.000	-32.19	≤10.00	---	---	PASS
				Peak	5720.000	-24.53	≤15.60	---	---	PASS
				Peak	5725.000	-24.7	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-29.85 6	≤27.00	---	---	PASS
				Peak	5855.000	-30.5	≤15.60	---	---	PASS
				Peak	5875.000	-36.57	≤10.00	---	---	PASS
				Peak	5925.000	-36.59	≤-27.00	---	---	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-39.75 6	≤-27.00	---	---	PASS
				Peak	5700.000	-36.2	≤10.00	---	---	PASS
				Peak	5720.000	-27.45	≤15.60	---	---	PASS
				Peak	5725.000	-23.03	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-25.45	≤27.00	---	---	PASS

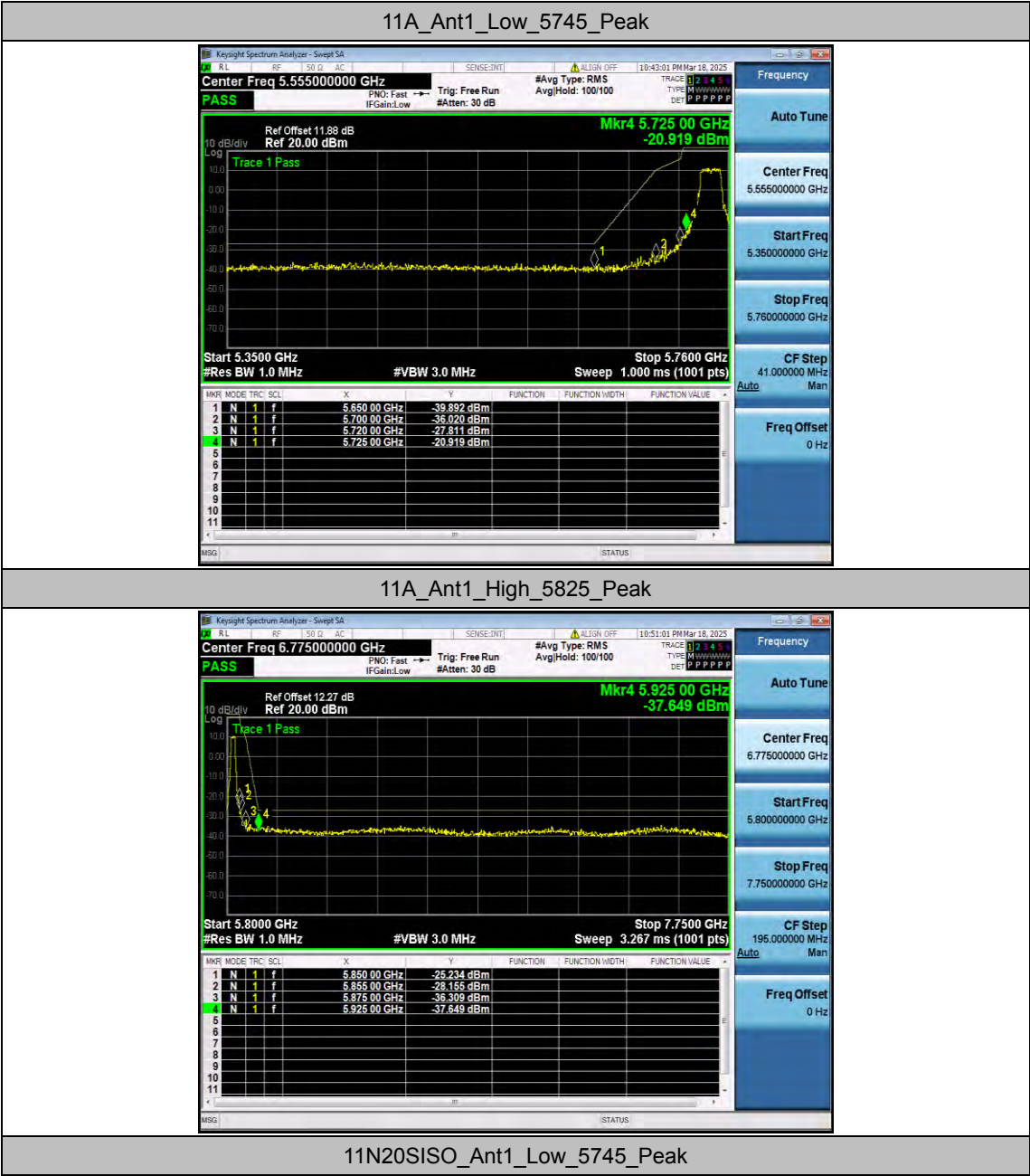
				Peak	5855.000	-29.75	≤15.60	---	---	PASS
				Peak	5875.000	-35.96	≤10.00	---	---	PASS
				Peak	5925.000	-35.63	≤-27.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-40.14 4	≤-27.00	---	---	PASS
				Peak	5700.000	-33.6	≤10.00	---	---	PASS
				Peak	5720.000	-23.82	≤15.60	---	---	PASS
				Peak	5725.000	-23.34	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-29.80 8	≤27.00	---	---	PASS
				Peak	5855.000	-31.01	≤15.60	---	---	PASS
				Peak	5875.000	-35.41	≤10.00	---	---	PASS
				Peak	5925.000	-35.33	≤-27.00	---	---	PASS
11AC80SI SO	Ant1	Low	5775	Peak	5650.000	-37.80 1	≤-27.00	---	---	PASS
				Peak	5700.000	-26.21	≤10.00	---	---	PASS
				Peak	5720.000	-23.52	≤15.60	---	---	PASS
				Peak	5725.000	-25.51	≤27.00	---	---	PASS
		High	5775	Peak	5850.000	-29.30 1	≤27.00	---	---	PASS
				Peak	5855.000	-29.76	≤15.60	---	---	PASS
				Peak	5875.000	-33.09	≤10.00	---	---	PASS
				Peak	5925.000	-36.96	≤-27.00	---	---	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-40.51 7	≤-27.00	---	---	PASS
				Peak	5700.000	-34.48	≤10.00	---	---	PASS
				Peak	5720.000	-26.09	≤15.60	---	---	PASS
				Peak	5725.000	-20.91	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-24.45 8	≤27.00	---	---	PASS
				Peak	5855.000	-27.98	≤15.60	---	---	PASS
				Peak	5875.000	-35.18	≤10.00	---	---	PASS
				Peak	5925.000	-37.01	≤-27.00	---	---	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-40.52 3	≤-27.00	---	---	PASS
				Peak	5700.000	-31.86	≤10.00	---	---	PASS
				Peak	5720.000	-24.46	≤15.60	---	---	PASS
				Peak	5725.000	-21.17	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-27.13 1	≤27.00	---	---	PASS
				Peak	5855.000	-31.08	≤15.60	---	---	PASS
				Peak	5875.000	-35.85	≤10.00	---	---	PASS
				Peak	5925.000	-34.93	≤-27.00	---	---	PASS

11AX80SI SO	Ant1	Low	5775	Peak	5650.000	-35.89 8	≤ -27.00	---	---	PASS
				Peak	5700.000	-24.89	≤ 10.00	---	---	PASS
				Peak	5720.000	-22.43	≤ 15.60	---	---	PASS
				Peak	5725.000	-25.5	≤ 27.00	- - -	- - -	PASS
		High	5775	Peak	5850.000	-26.01 3	≤ 27.00	---	---	PASS
				Peak	5855.000	-27.54	≤ 15.60	---	---	PASS
				Peak	5875.000	-28.69	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.64	≤ -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



11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak



11AX20SISO_Ant1_Low_5745_Peak



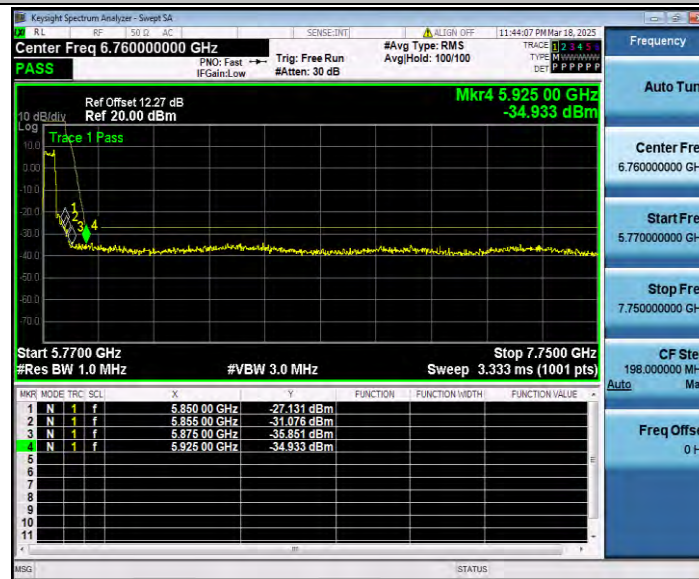
11AX20ISO_Ant1_High_5825_Peak



11AX40ISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak



11AX80SISO_Ant1_Low_5775_Peak



11AX80SISO_Ant1_High_5775_Peak

