

Appendix D.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	-39.21	≤-26.02	PASS
				5700~5720	-32.26	≤14.95	PASS
				5720~5725	-32.11	≤15.82	PASS
				5760~5650	-39.46	≤-27	PASS
		High	5825	5850~5855	-31.4	≤16.03	PASS
				5855~5875	-29.73	≤15.39	PASS
				5875~5925	-39.29	≤-26.91	PASS
				5925~5935	-37.61	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.43	≤-26.53	PASS
				5700~5720	-32.18	≤14.05	PASS
				5720~5725	-34.12	≤16.08	PASS
				5760~5650	-40.07	≤-27	PASS
		High	5825	5850~5855	-30.79	≤16.03	PASS
				5855~5875	-29.94	≤14.97	PASS
				5875~5925	-39.32	≤-26.91	PASS
				5925~5935	-37.89	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-40.89	≤-26.80	PASS
				5700~5720	-32.7	≤13.58	PASS
				5720~5725	-34.14	≤16.04	PASS
				5780~5650	-38.93	≤-27	PASS
		High	5795	5850~5855	-32.98	≤17.16	PASS
				5855~5875	-32.59	≤15.05	PASS
				5875~5925	-36.9	≤-26.71	PASS
				5925~5935	-38.67	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.98	≤-26.62	PASS
				5700~5720	-31.66	≤15.56	PASS
				5720~5725	-29.56	≤18.44	PASS
				5760~5650	-39.52	≤-27	PASS
		High	5825	5850~5855	-31.14	≤16.03	PASS
				5855~5875	-32.2	≤13.88	PASS
				5875~5925	-37.31	≤-26.41	PASS
				5925~5935	-38.07	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.74	≤-26.00	PASS
				5700~5720	-31.03	≤13.54	PASS
				5720~5725	-31.75	≤18.51	PASS
				5780~5650	-40.14	≤-27	PASS

		High	5795	5850~5855	-31.45	≤ 19.04	PASS
				5855~5875	-37.58	≤ 10.11	PASS
				5875~5925	-39.14	≤ -26.59	PASS
				5925~5935	-38.14	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.24	≤ -26.45	PASS
				5700~5720	-32.81	≤ 12.95	PASS
				5720~5725	-33	≤ 15.82	PASS
				5760~5650	-38.49	≤ -27	PASS
		High	5825	5850~5855	-30.23	≤ 15.73	PASS
				5855~5875	-29.35	≤ 13.23	PASS
				5875~5925	-39.54	≤ -26.31	PASS
				5925~5935	-37.74	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.5	≤ -26.80	PASS
				5700~5720	-33.49	≤ 11.23	PASS
				5720~5725	-30.84	≤ 16.35	PASS
				5780~5650	-40.13	≤ -27	PASS
		High	5795	5850~5855	-33.53	≤ 17.16	PASS
				5855~5875	-35.82	≤ 13.11	PASS
				5875~5925	-39.44	≤ -26.71	PASS
				5925~5935	-38.02	≤ -27	PASS

Test Graphs B4





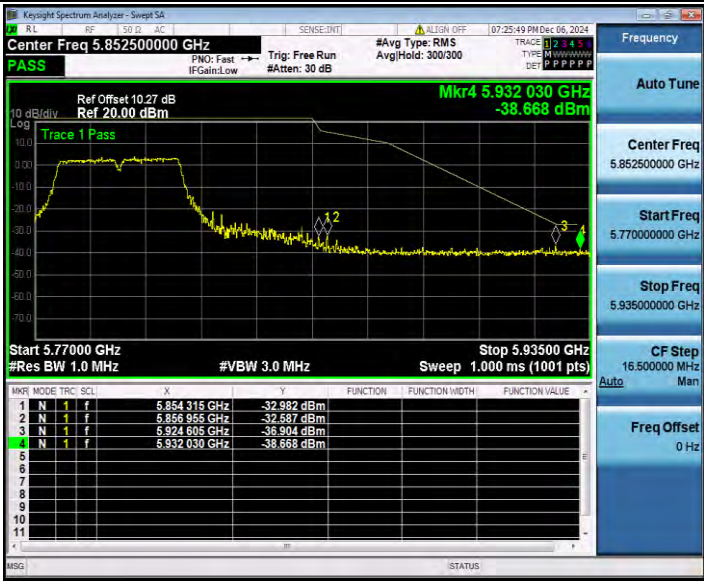
11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795

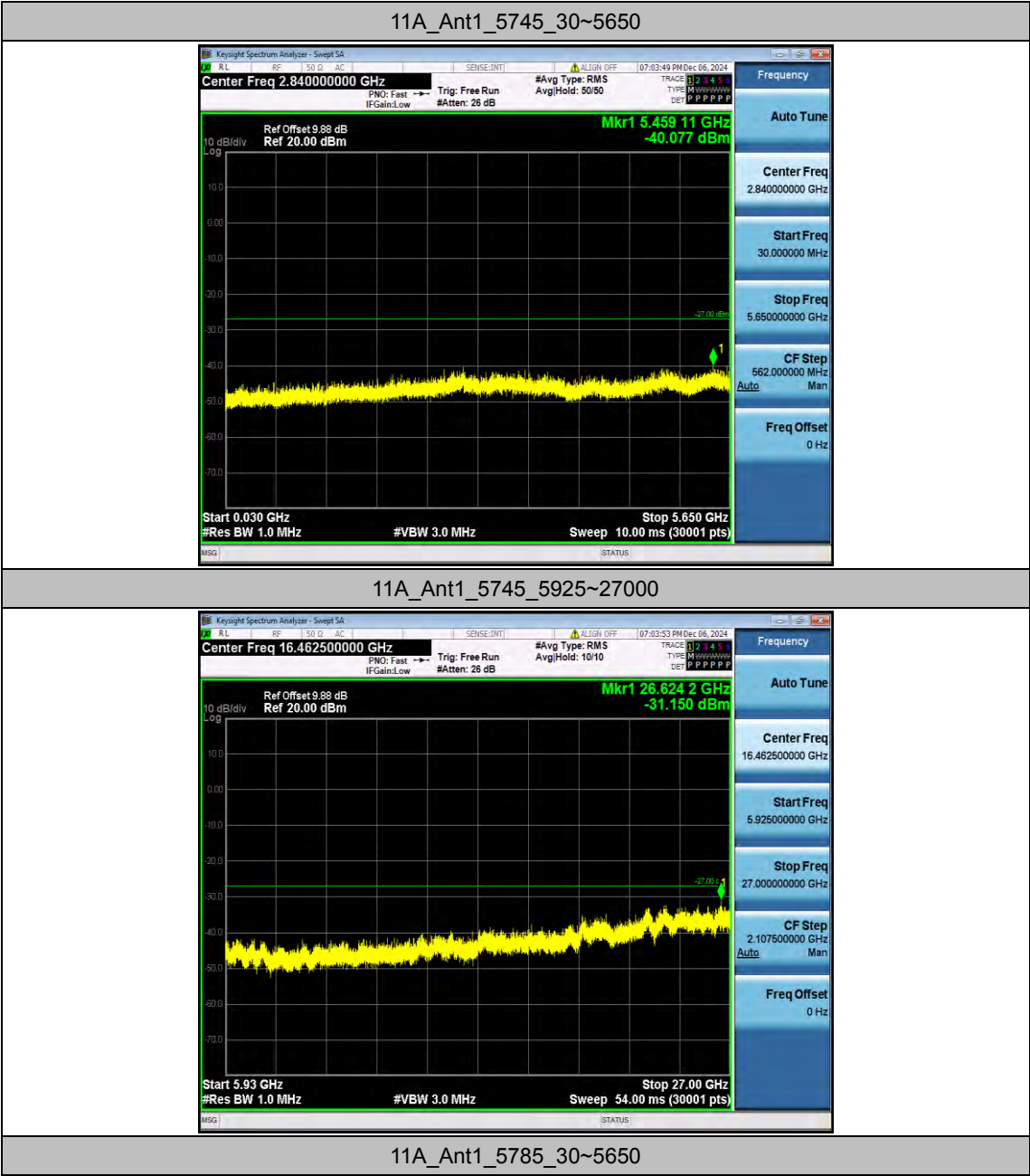


Appendix D.7: Conducted Spurious Emission

Test Result

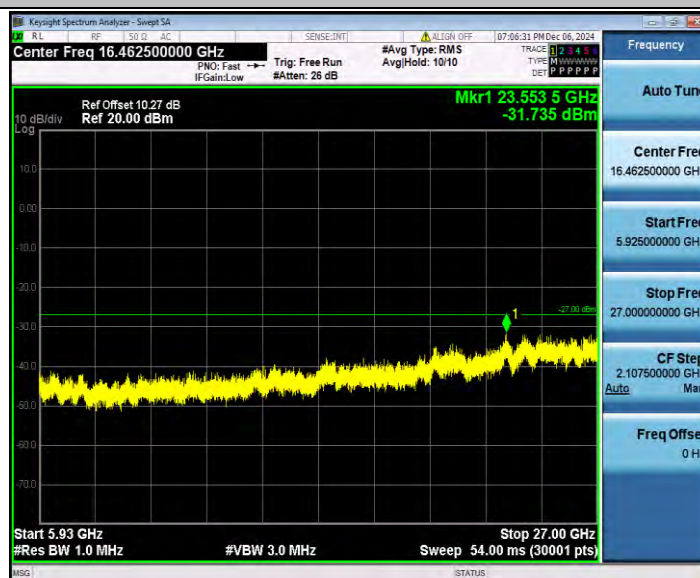
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5459.11	-40.08	≤-27	PASS
			5925~27000	26624.16	-31.15	≤-27	PASS
		5785	30~5650	5499.57	-39.39	≤-27	PASS
			5925~27000	23553.54	-31.74	≤-27	PASS
		5825	30~5650	4910.41	-40.06	≤-27	PASS
			5925~27000	24711.96	-32.12	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5006.32	-40.25	≤-27	PASS
			5925~27000	26897.44	-32.19	≤-27	PASS
		5785	30~5650	3038.76	-39.38	≤-27	PASS
			5925~27000	26997.89	-31.69	≤-27	PASS
		5825	30~5650	5420.52	-39.15	≤-27	PASS
			5925~27000	24363.52	-30.8	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2659.22	-39.99	≤-27	PASS
			5925~27000	23519.11	-31.35	≤-27	PASS
		5795	30~5650	5454.8	-40.23	≤-27	PASS
			5925~27000	26509.66	-31.44	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5433.63	-40.7	≤-27	PASS
			5925~27000	26053.73	-31.97	≤-27	PASS
		5785	30~5650	5479.71	-39.48	≤-27	PASS
			5925~27000	26539.86	-31.19	≤-27	PASS
		5825	30~5650	2638.62	-40.2	≤-27	PASS
			5925~27000	24245.5	-31.51	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5422.2	-40.11	≤-27	PASS
			5925~27000	24301.7	-31.82	≤-27	PASS
		5795	30~5650	5455.36	-40.07	≤-27	PASS
			5925~27000	26028.44	-31.92	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5384.36	-40.41	≤-27	PASS
			5925~27000	26025.63	-32.6	≤-27	PASS
		5785	30~5650	5394.1	-40.03	≤-27	PASS
			5925~27000	24273.6	-31.05	≤-27	PASS
		5825	30~5650	5412.65	-39.26	≤-27	PASS
			5925~27000	24289.05	-31.28	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5558.39	-40.75	≤-27	PASS
			5925~27000	23545.81	-31.88	≤-27	PASS
		5795	30~5650	5473.91	-39.5	≤-27	PASS
			5925~27000	25663.85	-31.56	≤-27	PASS

Test Graphs





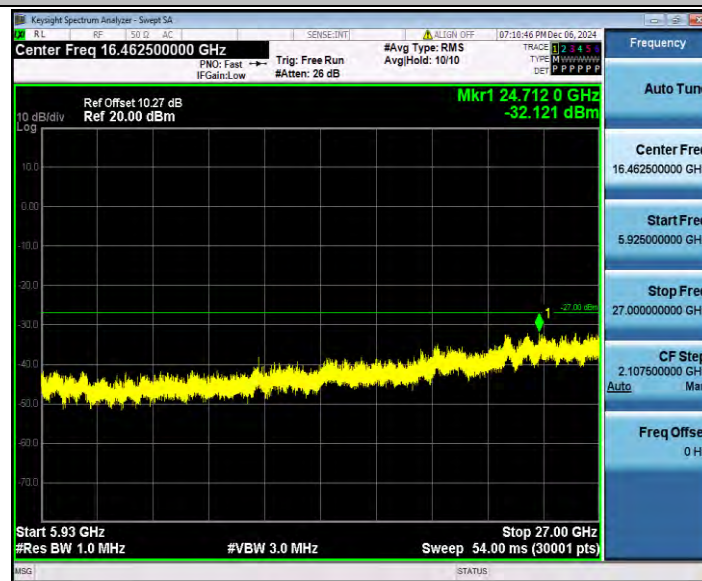
11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



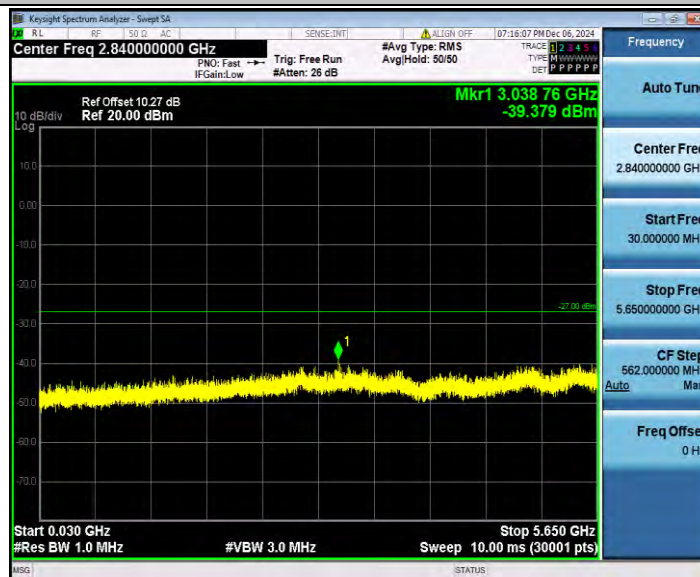
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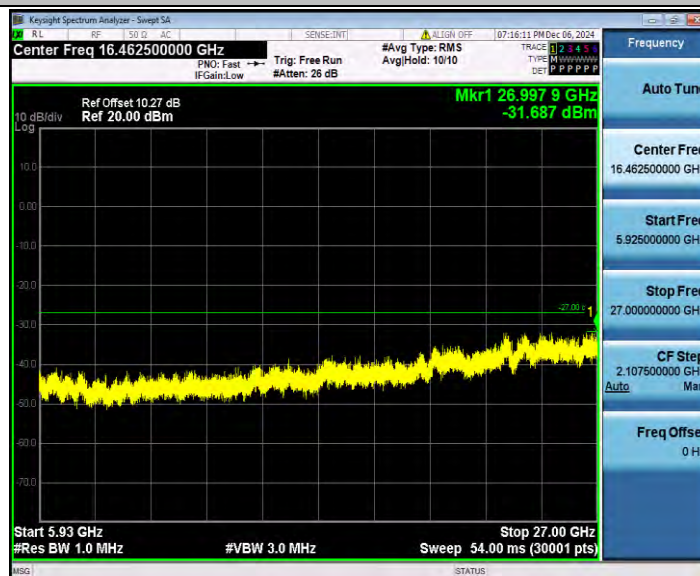
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11N20SISO_Ant1_5785_30~5650



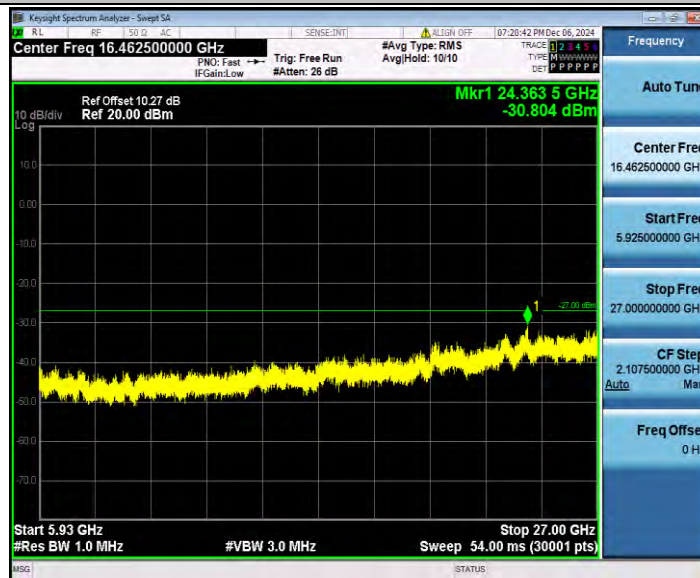
11N20SISO_Ant1_5785_5925~27000



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



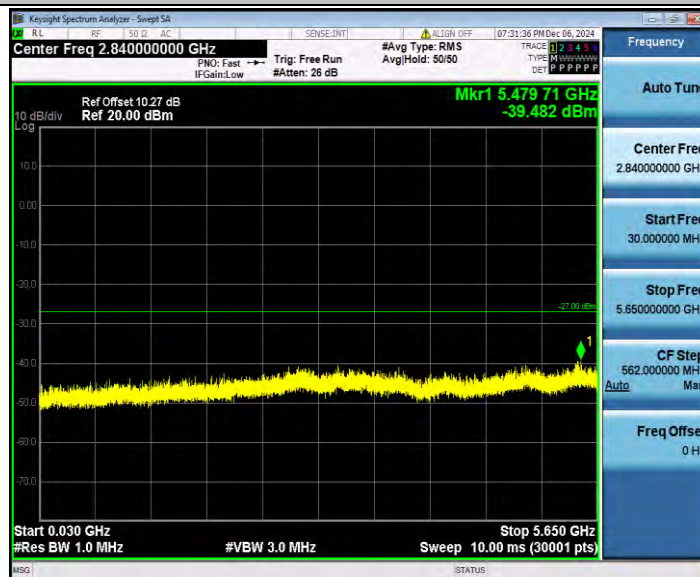
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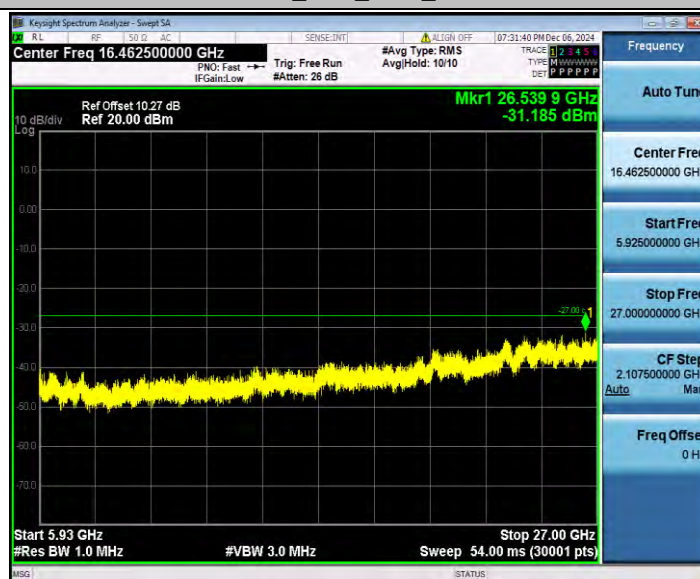
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



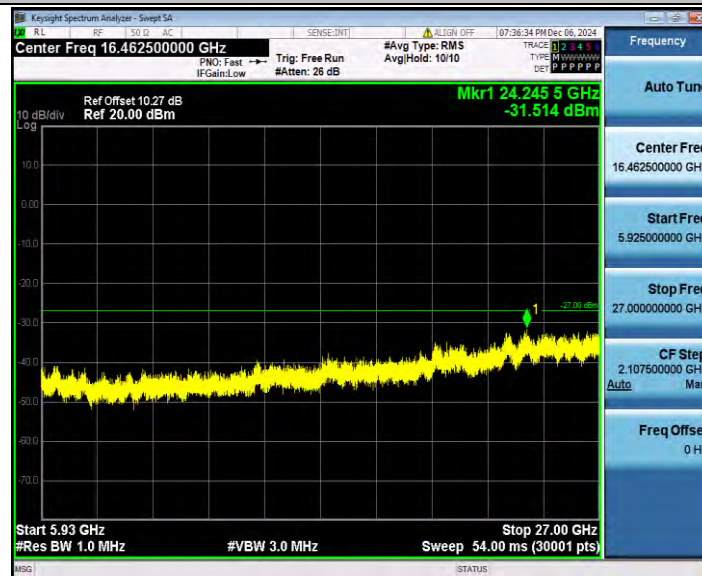
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11AC20SISO_Ant1_5825_30~5650



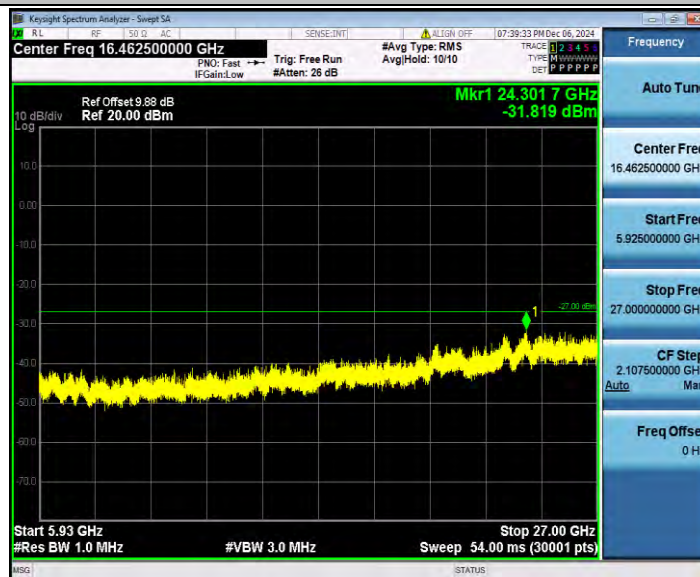
11AC20SISO_Ant1_5825_5925~27000



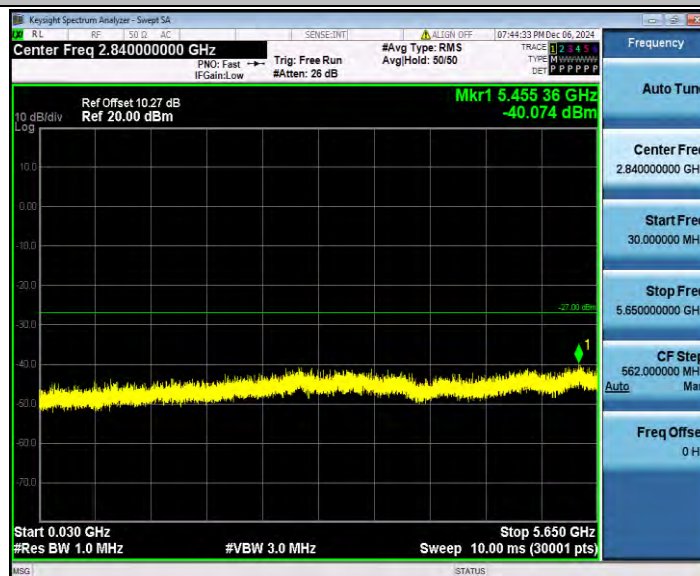
11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AX20SISO_Ant1_5745_30~5650



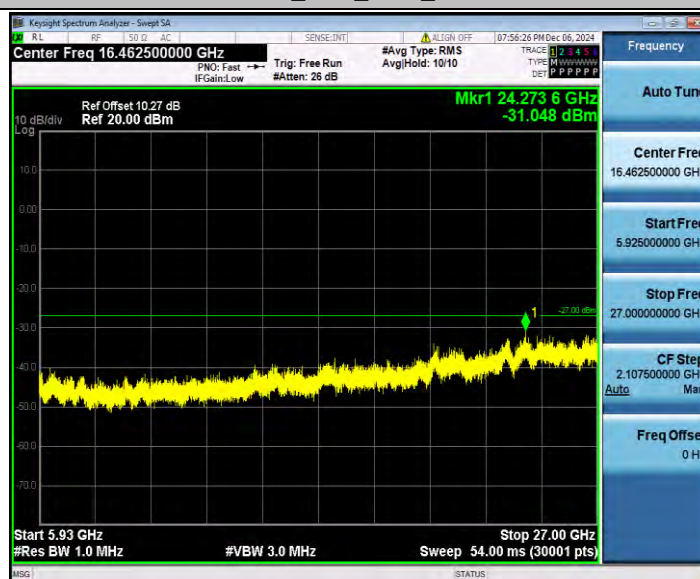
11AX20SISO_Ant1_5745_5925~27000



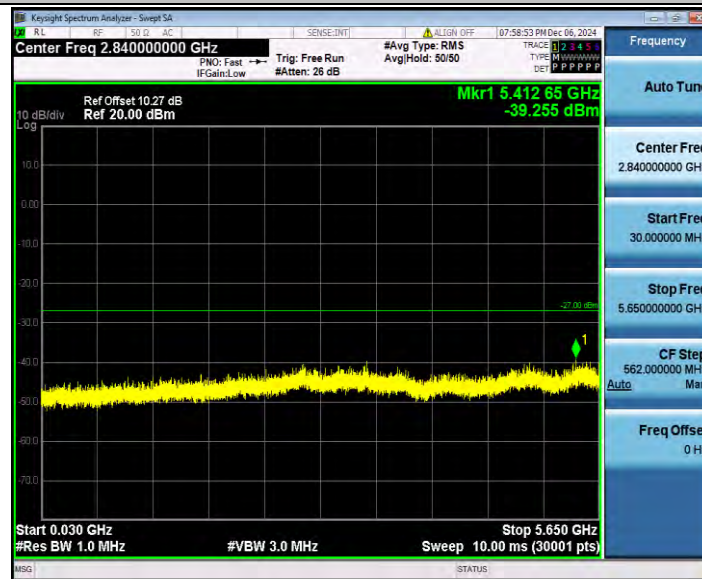
11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



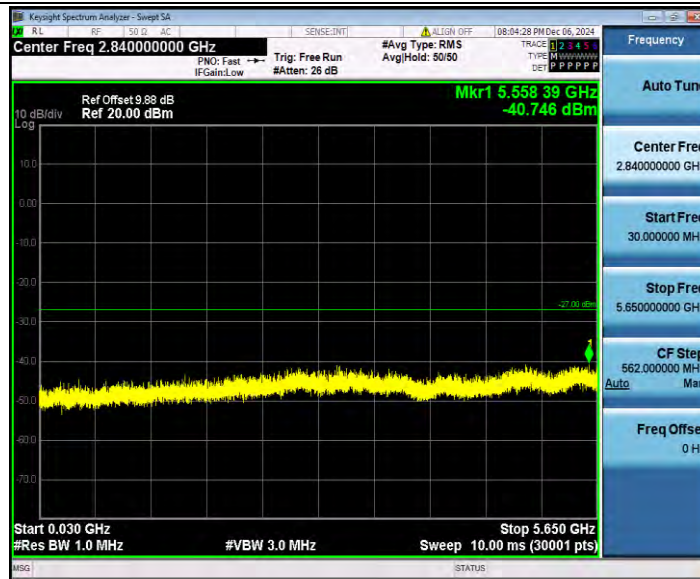
11AX20SISO_Ant1_5825_30~5650



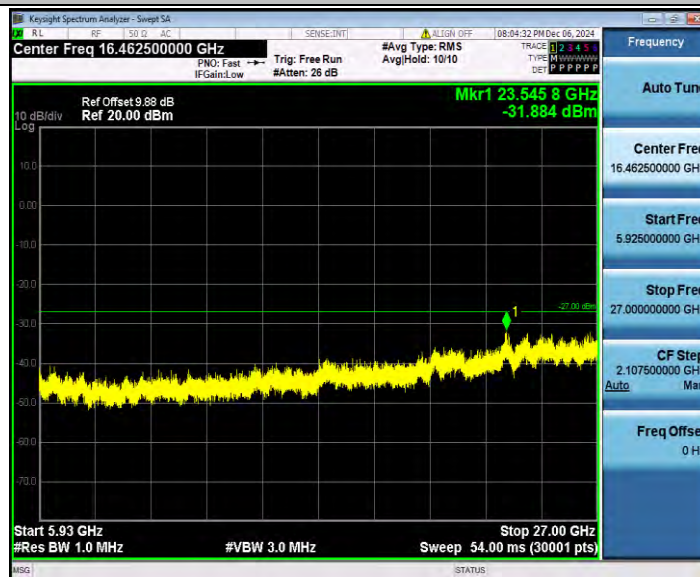
11AX20SISO_Ant1_5825_5925~27000



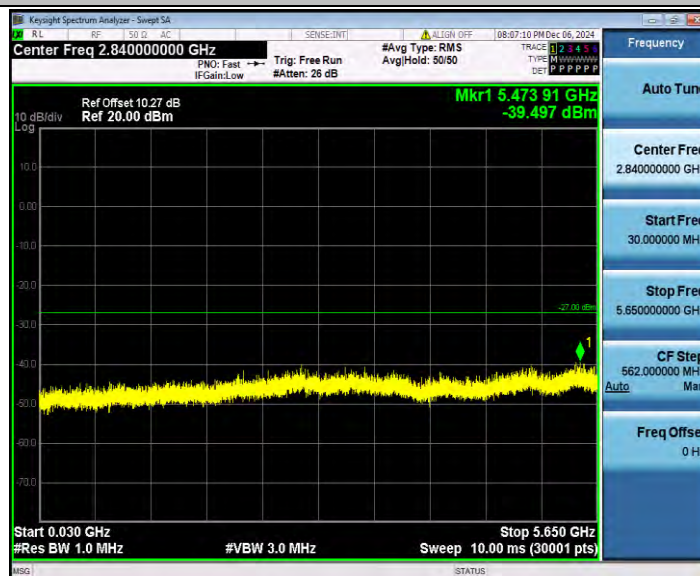
11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650



Appendix D.8: Emissions in Restricted Bands

Test Result

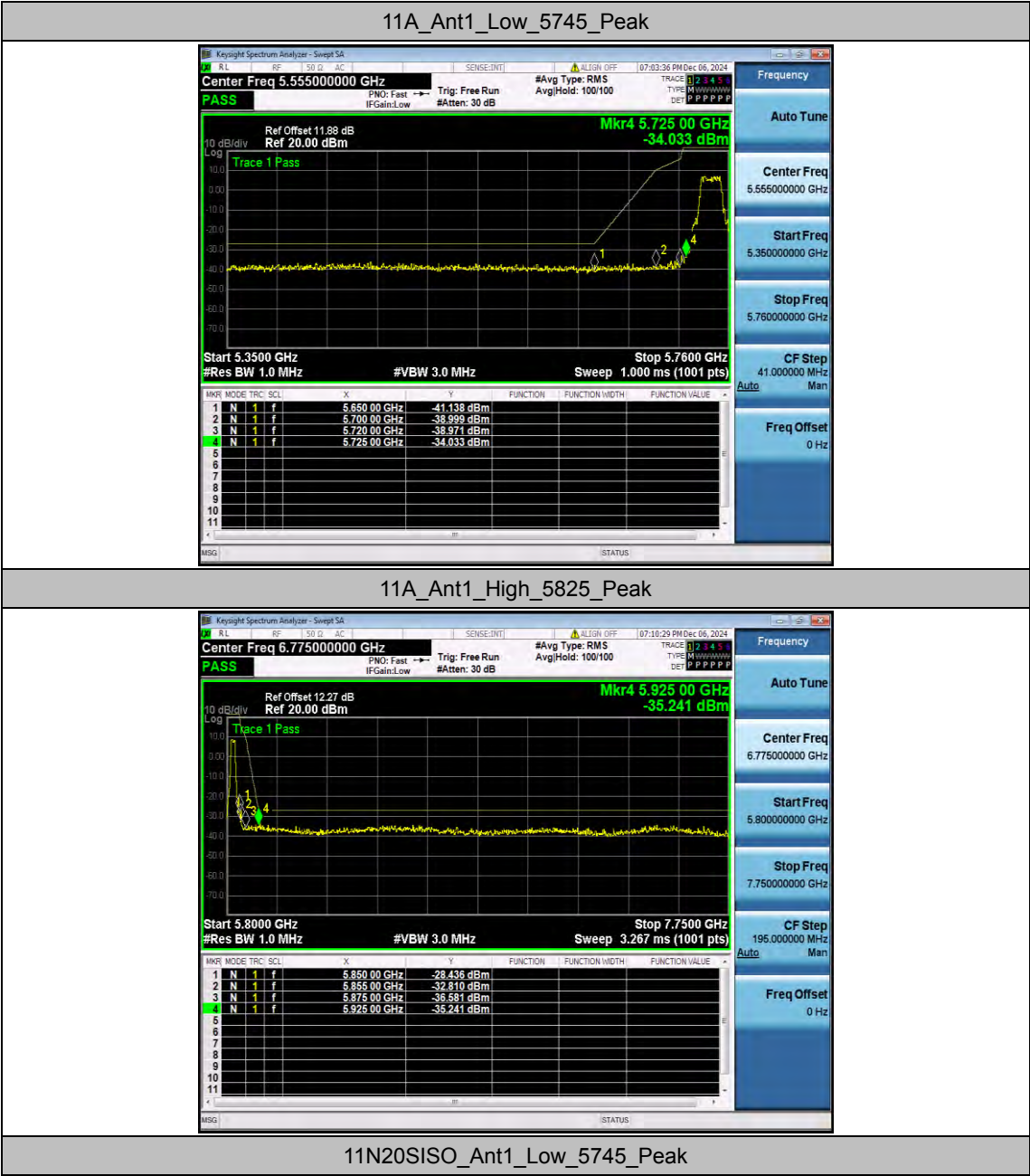
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-41.138	≤-27.00	PASS
				Peak	5700.000	-39	≤10.00	PASS
				Peak	5720.000	-38.97	≤15.60	PASS
				Peak	5725.000	-34.03	≤27.00	PASS
		High	5825	Peak	5850.000	-28.436	≤27.00	PASS
				Peak	5855.000	-32.81	≤15.60	PASS
				Peak	5875.000	-36.58	≤10.00	PASS
				Peak	5925.000	-35.24	≤-27.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-40.651	≤-27.00	PASS
				Peak	5700.000	-38.93	≤10.00	PASS
				Peak	5720.000	-36.4	≤15.60	PASS
				Peak	5725.000	-27.8	≤27.00	PASS
		High	5825	Peak	5850.000	-31.07	≤27.00	PASS
				Peak	5855.000	-29.79	≤15.60	PASS
				Peak	5875.000	-36.69	≤10.00	PASS
				Peak	5925.000	-37.13	≤-27.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-39.507	≤-27.00	PASS
				Peak	5700.000	-37.51	≤10.00	PASS
				Peak	5720.000	-32.15	≤15.60	PASS
				Peak	5725.000	-36.59	≤27.00	PASS
		High	5795	Peak	5850.000	-35.333	≤27.00	PASS
				Peak	5855.000	-34.22	≤15.60	PASS
				Peak	5875.000	-36.17	≤10.00	PASS
				Peak	5925.000	-34.29	≤-27.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-40.799	≤-27.00	PASS
				Peak	5700.000	-39.47	≤10.00	PASS
				Peak	5720.000	-32.96	≤15.60	PASS
				Peak	5725.000	-24.05	≤27.00	PASS
		High	5825	Peak	5850.000	-28.855	≤27.00	PASS

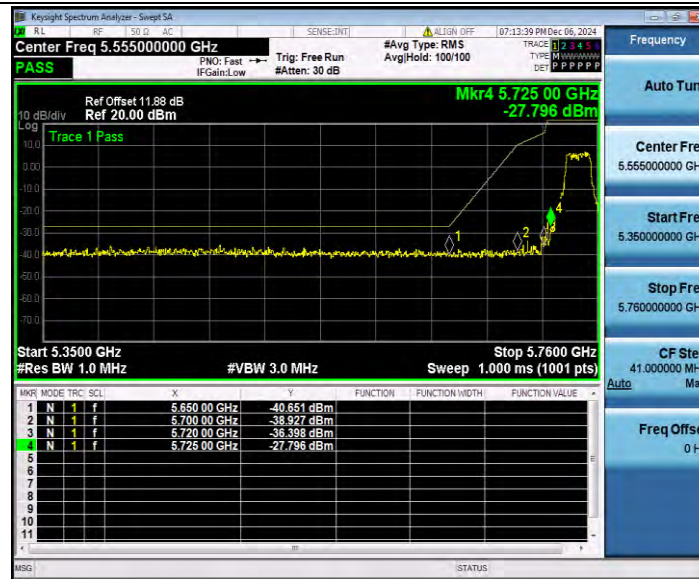
				Peak	5855.000	-29.44	≤15.60	PASS
				Peak	5875.000	-36.12	≤10.00	PASS
				Peak	5925.000	-35.41	≤-27.00	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-40.14 1	≤-27.00	PASS
				Peak	5700.000	-36.61	≤10.00	PASS
				Peak	5720.000	-33.97	≤15.60	PASS
				Peak	5725.000	-30.51	≤27.00	PASS
		High	5795	Peak	5850.000	-30.23 8	≤27.00	PASS
				Peak	5855.000	-35.49	≤15.60	PASS
				Peak	5875.000	-36.04	≤10.00	PASS
				Peak	5925.000	-35.5	≤-27.00	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-39.16 5	≤-27.00	PASS
				Peak	5700.000	-36.2	≤10.00	PASS
				Peak	5720.000	-35.59	≤15.60	PASS
				Peak	5725.000	-31.13	≤27.00	PASS
		High	5825	Peak	5850.000	-27.40 1	≤27.00	PASS
				Peak	5855.000	-28.22	≤15.60	PASS
				Peak	5875.000	-35.19	≤10.00	PASS
				Peak	5925.000	-35.31	≤-27.00	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-40.77 5	≤-27.00	PASS
				Peak	5700.000	-35.67	≤10.00	PASS
				Peak	5720.000	-30.14	≤15.60	PASS
				Peak	5725.000	-32.16	≤27.00	PASS
		High	5795	Peak	5850.000	-32.99 5	≤27.00	PASS
				Peak	5855.000	-34.83	≤15.60	PASS
				Peak	5875.000	-36.04	≤10.00	PASS
				Peak	5925.000	-37.03	≤-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



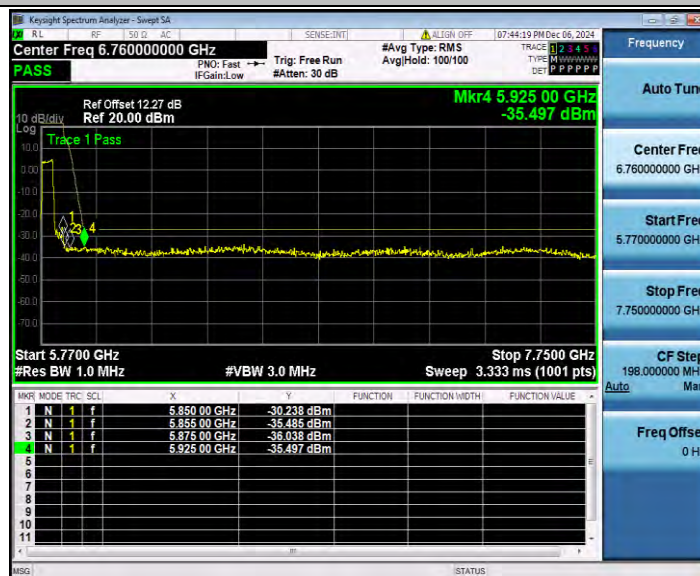
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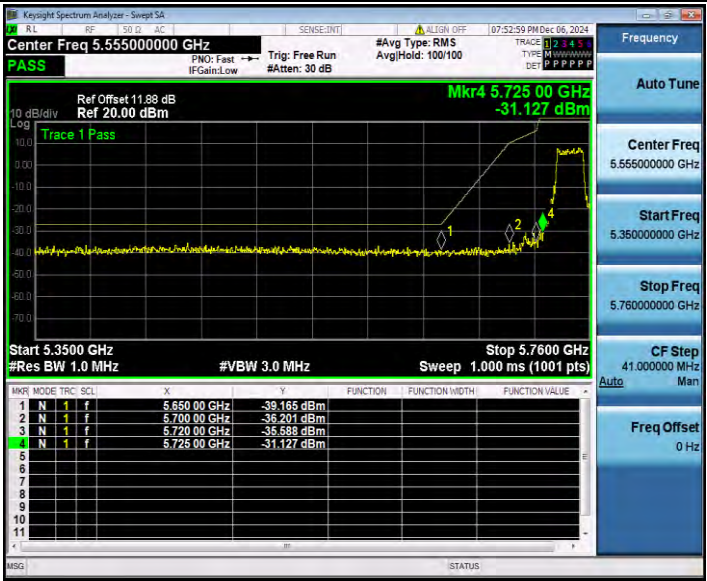
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11AC40SISO_Ant1_High_5795_Peak



11AX20SISO_Ant1_Low_5745_Peak



11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak

