

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	-39.84	≤-26.62	PASS
				5700~5720	-25.37	≤15.27	PASS
				5720~5725	-27.23	≤16.08	PASS
				5760~5650	-40.13	≤-27	PASS
		High	5825	5850~5855	-27.34	≤16.03	PASS
				5855~5875	-28.46	≤11.46	PASS
				5875~5925	-38.96	≤-26.51	PASS
				5925~5935	-37.62	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.6	≤-26.45	PASS
				5700~5720	-25.23	≤14.98	PASS
				5720~5725	-26.63	≤15.82	PASS
				5760~5650	-40.46	≤-27	PASS
		High	5825	5850~5855	-27.17	≤15.73	PASS
				5855~5875	-31.51	≤10.51	PASS
				5875~5925	-38.58	≤-25.71	PASS
				5925~5935	-38.75	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.71	≤-26.00	PASS
				5700~5720	-26.48	≤11.31	PASS
				5720~5725	-24.73	≤15.74	PASS
				5780~5650	-38.11	≤-27	PASS
		High	5795	5850~5855	-29.49	≤16.79	PASS
				5855~5875	-29.01	≤14.31	PASS
				5875~5925	-40.01	≤-26.95	PASS
				5925~5935	-38.9	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.33	≤-26.79	PASS
				5700~5720	-26.99	≤12.60	PASS
				5720~5725	-26.39	≤16.08	PASS
				5760~5650	-40.26	≤-27	PASS
		High	5825	5850~5855	-26.36	≤15.73	PASS
				5855~5875	-25.92	≤14.56	PASS
				5875~5925	-39.36	≤-26.71	PASS
				5925~5935	-38	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.18	≤-26.80	PASS
				5700~5720	-23.21	≤13.95	PASS
				5720~5725	-22.07	≤16.35	PASS
				5780~5650	-39.88	≤-27	PASS

		High	5795	5850~5855	-30.95	≤ 15.66	PASS
				5855~5875	-31.35	≤ 10.25	PASS
				5875~5925	-39.84	≤ -26.83	PASS
				5925~5935	-38.67	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-33.78	≤ -25.42	PASS
				5700~5720	-23.48	≤ 12.65	PASS
				5720~5725	-25.12	≤ 16.00	PASS
				5800~5650	-35.38	≤ -27	PASS
		High	5775	5850~5855	-25.17	≤ 16.26	PASS
				5855~5875	-23.91	≤ 12.42	PASS
				5875~5925	-38.98	≤ -26.60	PASS
				5925~5935	-37.48	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.28	≤ -26.36	PASS
				5700~5720	-24.73	≤ 14.92	PASS
				5720~5725	-22.94	≤ 16.34	PASS
				5760~5650	-39.76	≤ -27	PASS
		High	5825	5850~5855	-26.62	≤ 15.73	PASS
				5855~5875	-24.56	≤ 14.67	PASS
				5875~5925	-39.36	≤ -26.81	PASS
				5925~5935	-38.78	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-40.18	≤ -26.40	PASS
				5700~5720	-23.26	≤ 11.99	PASS
				5720~5725	-17.73	≤ 17.58	PASS
				5780~5650	-39.69	≤ -27	PASS
		High	5795	5850~5855	-30.41	≤ 16.03	PASS
				5855~5875	-31.03	≤ 12.97	PASS
				5875~5925	-39.05	≤ -26.95	PASS
				5925~5935	-38.2	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-35.68	≤ -26.34	PASS
				5700~5720	-22.61	≤ 11.44	PASS
				5720~5725	-25.53	≤ 16.35	PASS
				5800~5650	-35.08	≤ -27	PASS
		High	5775	5850~5855	-24.85	≤ 17.10	PASS
				5855~5875	-25.44	≤ 10.45	PASS
				5875~5925	-39.18	≤ -26.60	PASS
				5925~5935	-37.71	≤ -27	PASS

Test Graphs B4





11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



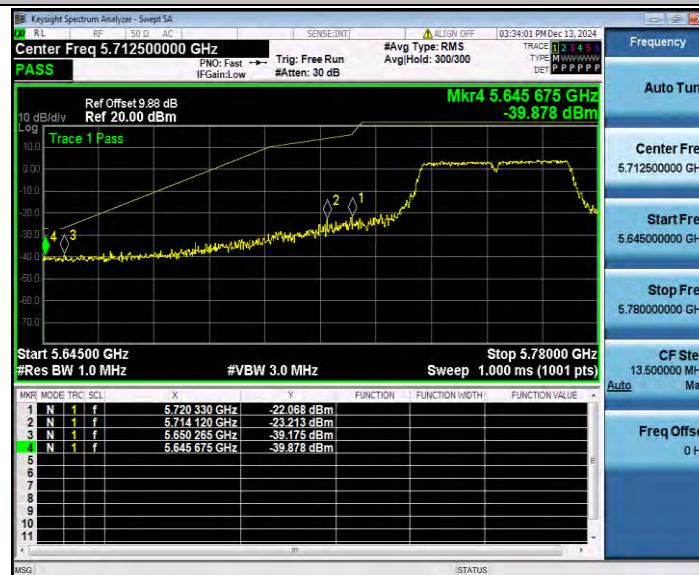
11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



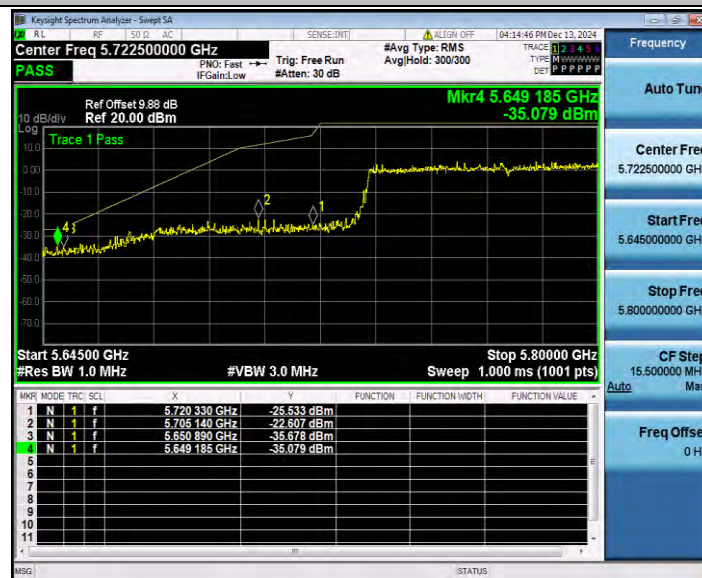
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



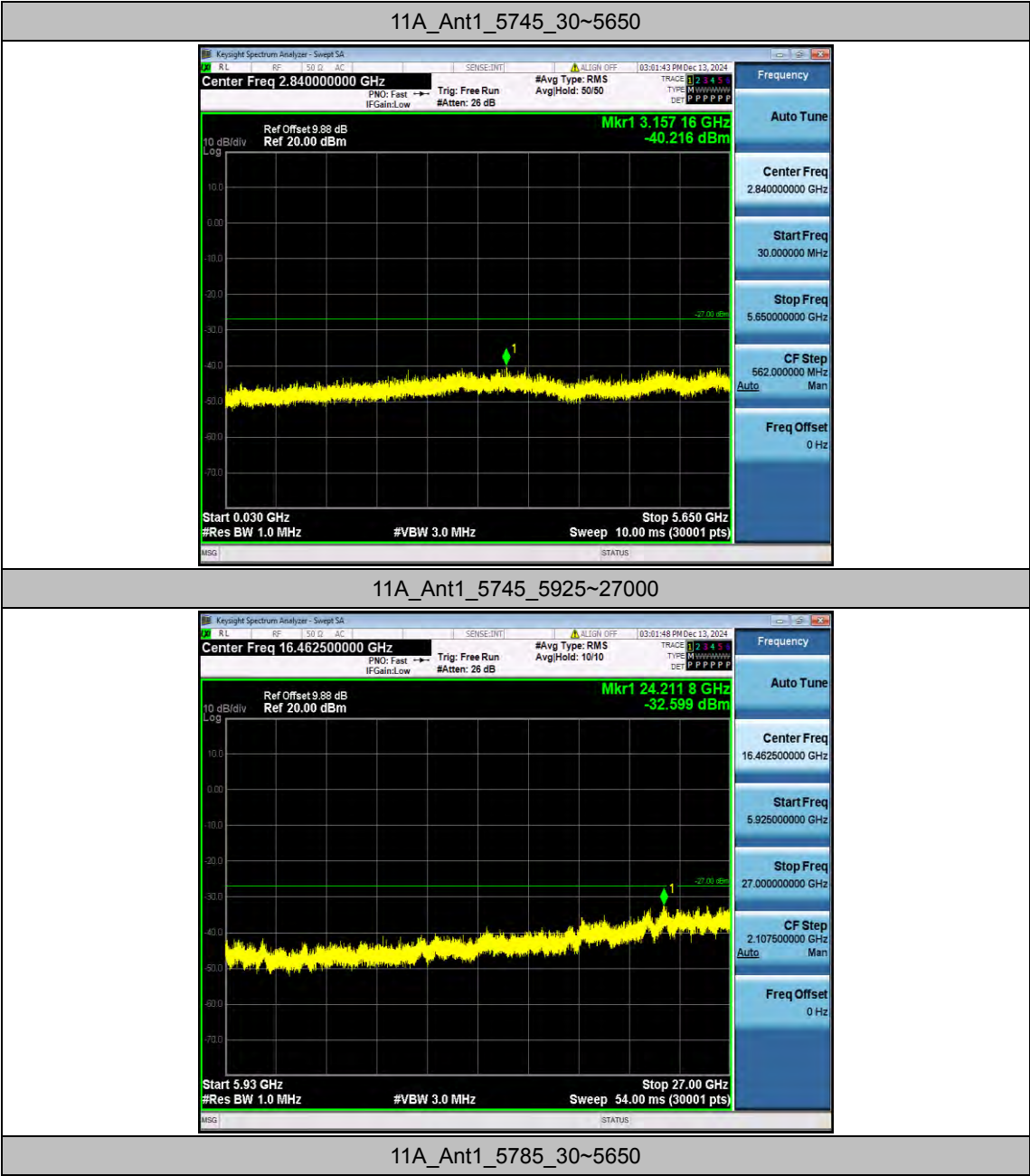
Appendix G.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3157.16	-40.22	≤-27	PASS
			5925~27000	24211.78	-32.6	≤-27	PASS
		5785	30~5650	2656.04	-40.08	≤-27	PASS
			5925~27000	24853.86	-31.97	≤-27	PASS
		5825	30~5650	5472.6	-39.85	≤-27	PASS
			5925~27000	23581.64	-31.42	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5635.58	-40.28	≤-27	PASS
			5925~27000	23530.35	-32.52	≤-27	PASS
		5785	30~5650	2649.86	-39.61	≤-27	PASS
			5925~27000	24347.36	-31.2	≤-27	PASS
		5825	30~5650	5454.24	-39.92	≤-27	PASS
			5925~27000	26490.69	-31.97	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5519.8	-39.79	≤-27	PASS
			5925~27000	24293.97	-31.79	≤-27	PASS
		5795	30~5650	3572.47	-38.79	≤-27	PASS
			5925~27000	26544.08	-32.13	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4768.78	-39.73	≤-27	PASS
			5925~27000	25548.64	-32.11	≤-27	PASS
		5785	30~5650	5464.17	-39.8	≤-27	PASS
			5925~27000	24199.13	-31.91	≤-27	PASS
		5825	30~5650	5031.99	-39.17	≤-27	PASS
			5925~27000	25992.62	-31.1	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5546.03	-40.17	≤-27	PASS
			5925~27000	24194.92	-31.13	≤-27	PASS
		5795	30~5650	5413.59	-39.22	≤-27	PASS
			5925~27000	26604.49	-32.12	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5624.52	-36.09	≤-27	PASS
			5925~27000	25177.01	-32.34	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5462.85	-40.23	≤-27	PASS
			5925~27000	25992.62	-32.19	≤-27	PASS
		5785	30~5650	3301.78	-40	≤-27	PASS
			5925~27000	25266.23	-31.95	≤-27	PASS
		5825	30~5650	3189	-39.64	≤-27	PASS
			5925~27000	25004.9	-31.15	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	3308.71	-39.97	≤-27	PASS
			5925~27000	24229.34	-31.29	≤-27	PASS

		5795	30~5650	5573.38	-39.44	≤ -27	PASS
			5925~27000	24314.34	-31.54	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5639.88	-38.61	≤ -27	PASS
			5925~27000	26527.22	-32.11	≤ -27	PASS

Test Graphs

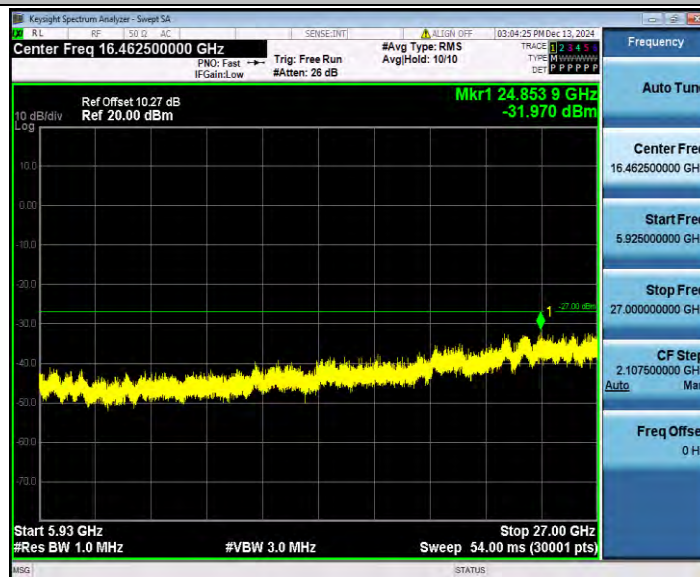


11A_Ant1_5745_5925~27000

11A_Ant1_5785_30~5650



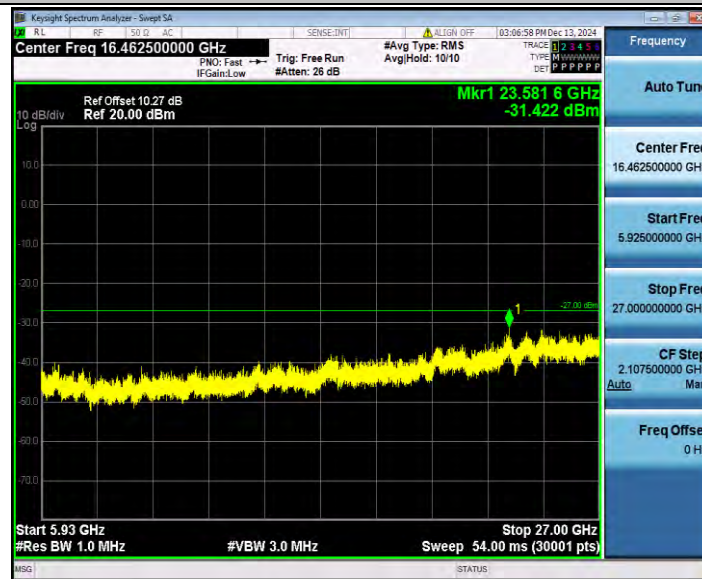
11A_Ant1_5785_5925~27000



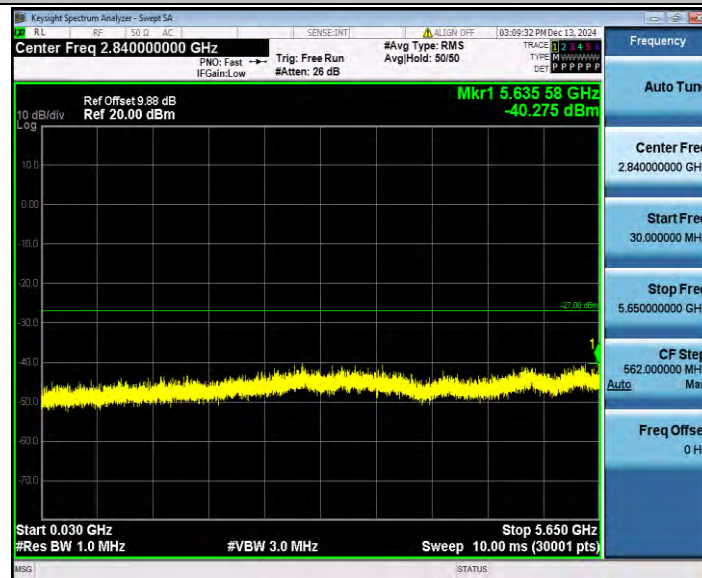
11A_Ant1_5825_30~5650



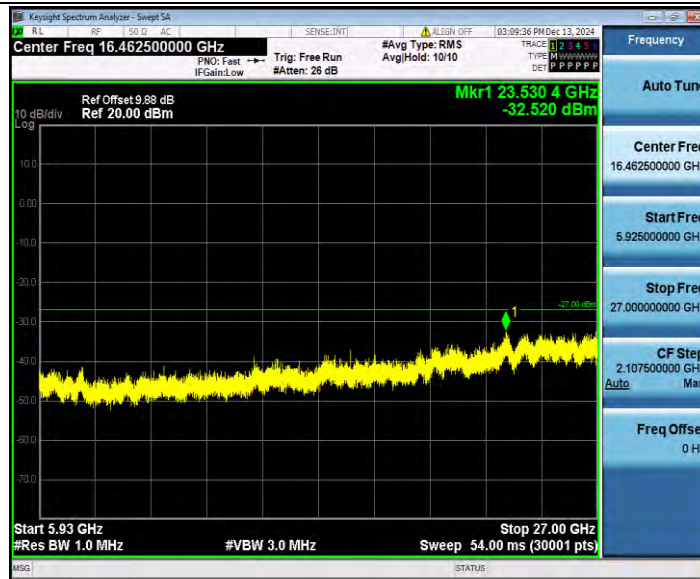
11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



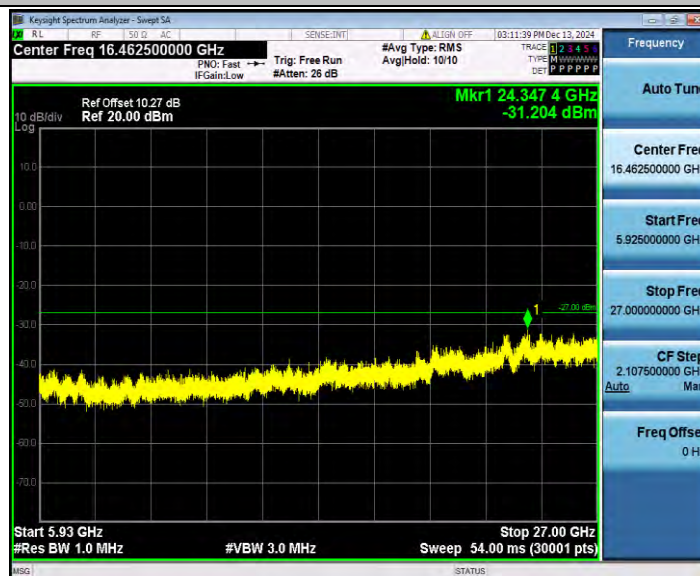
11N20SISO_Ant1_5745_5925~27000



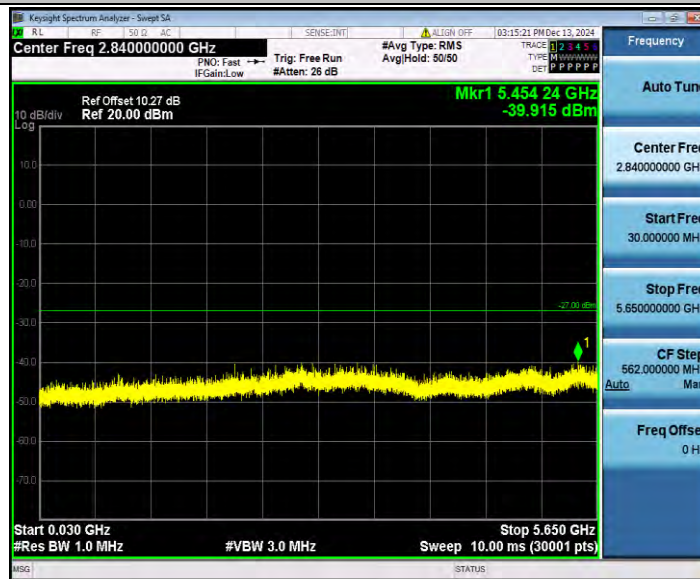
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



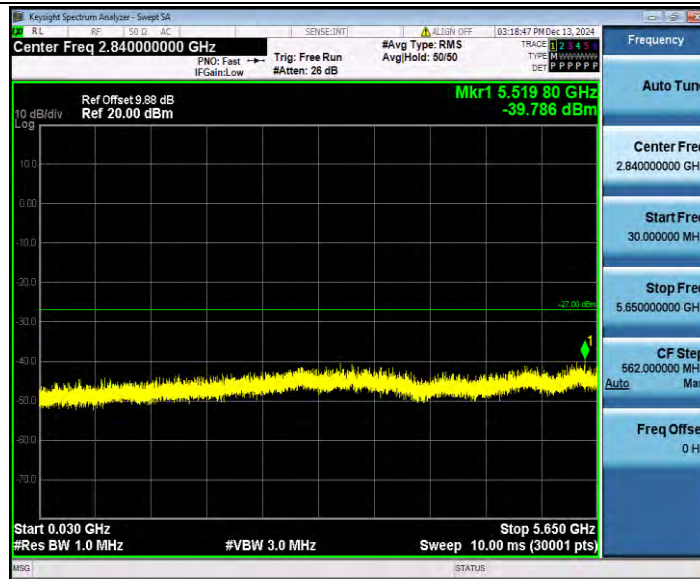
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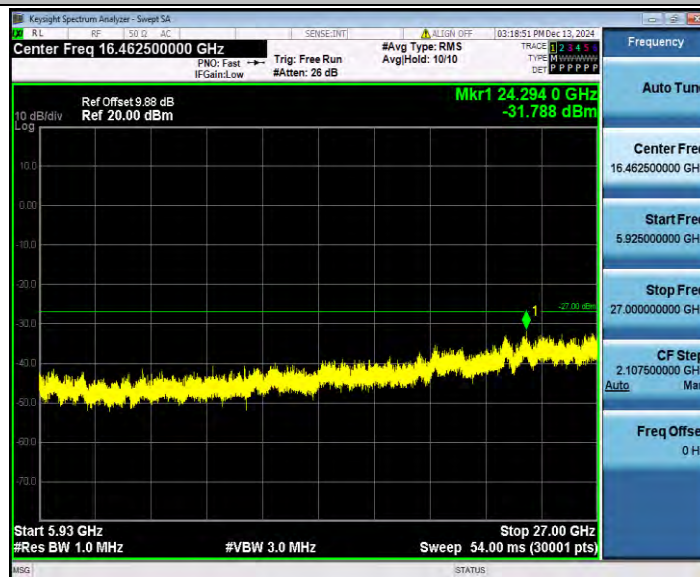
11N20SISO_Ant1_5825_5925~27000



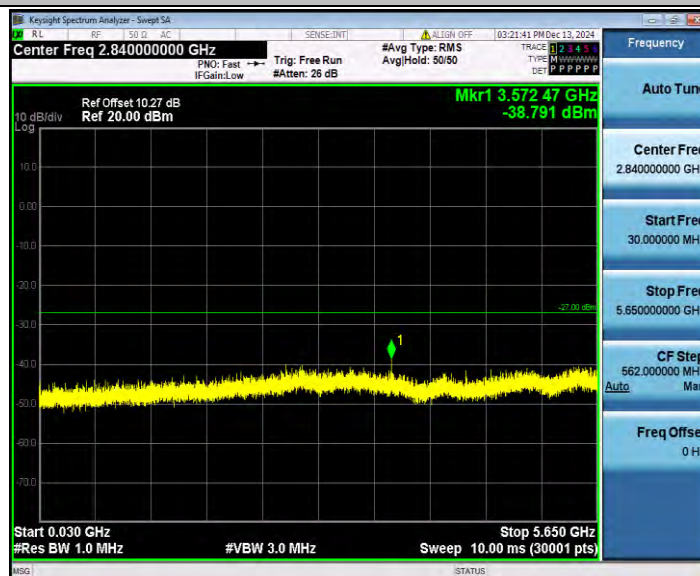
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11N40SISO_Ant1_5755_5925~27000



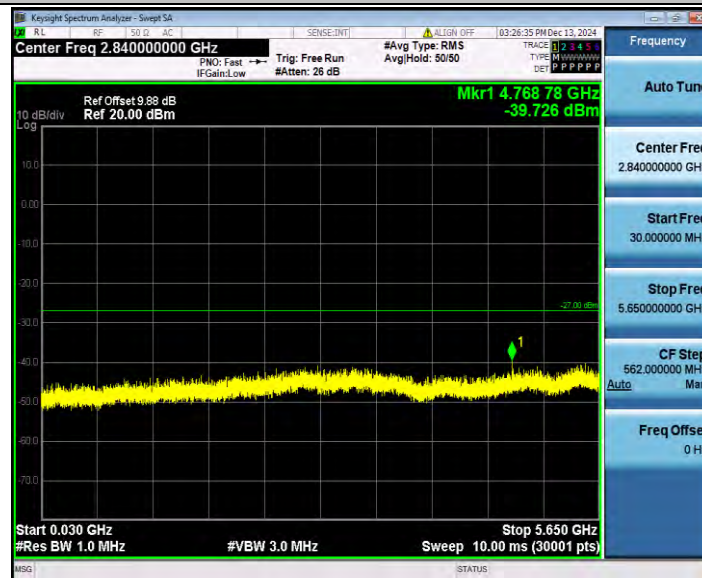
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



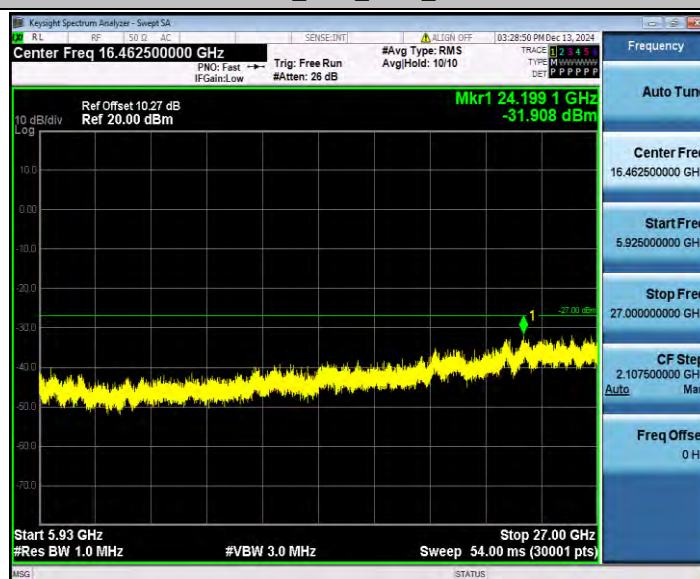
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



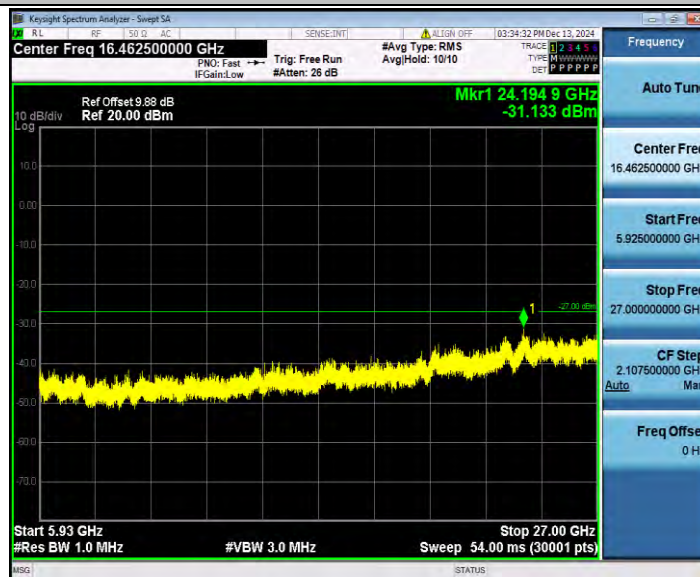
11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



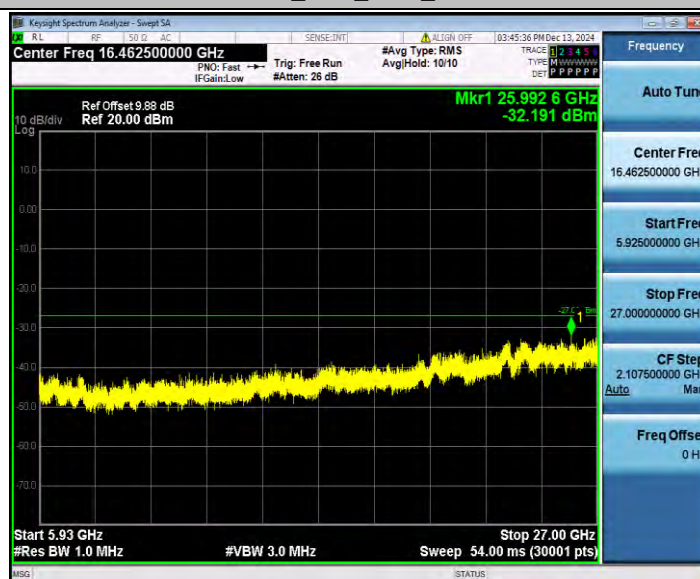
11AC80SISO_Ant1_5775_5925~27000



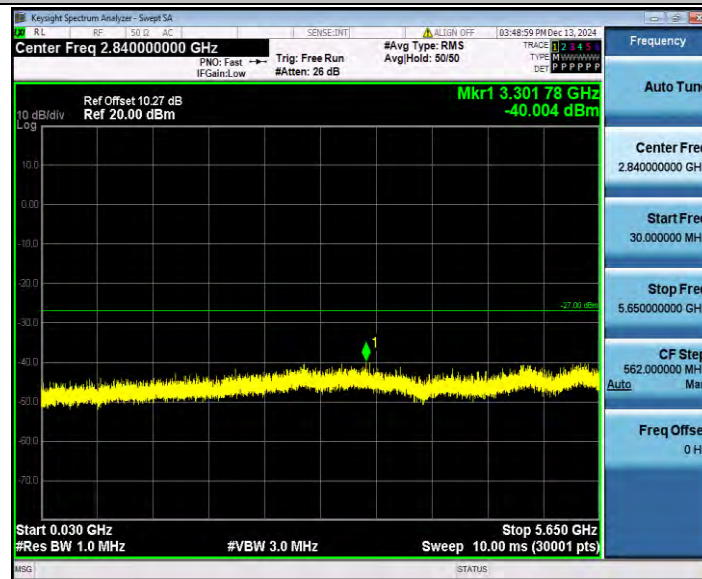
11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



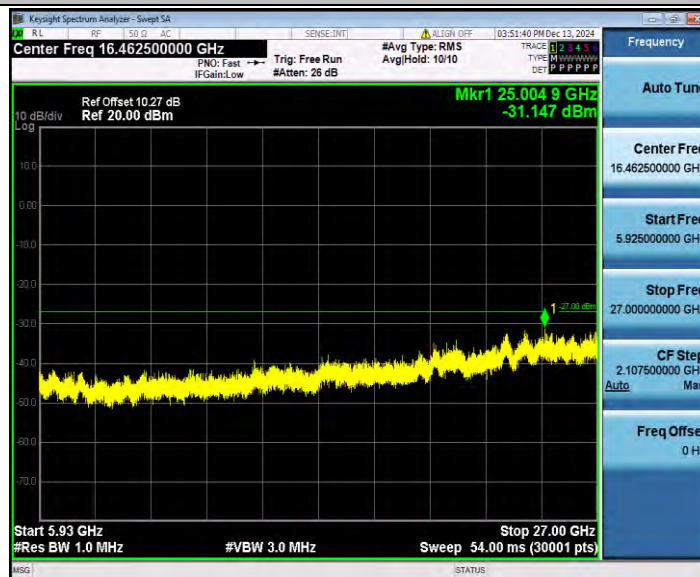
11AX20SISO_Ant1_5785_5925~27000



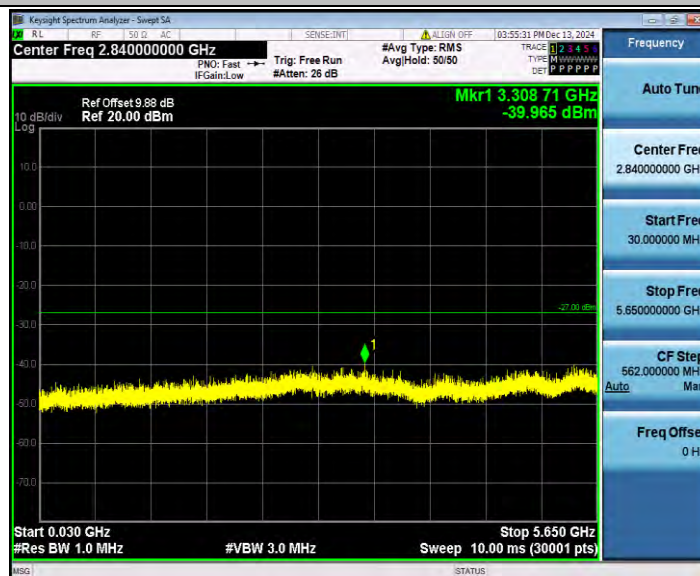
11AX20SISO_Ant1_5825_30~5650



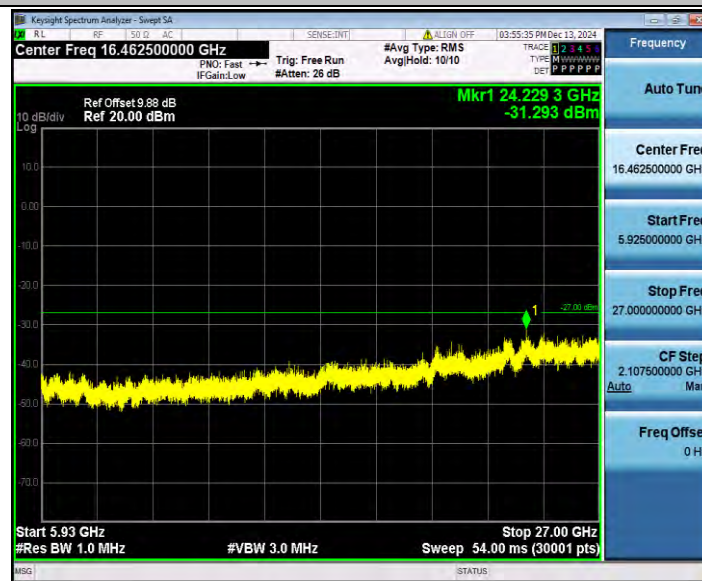
11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650



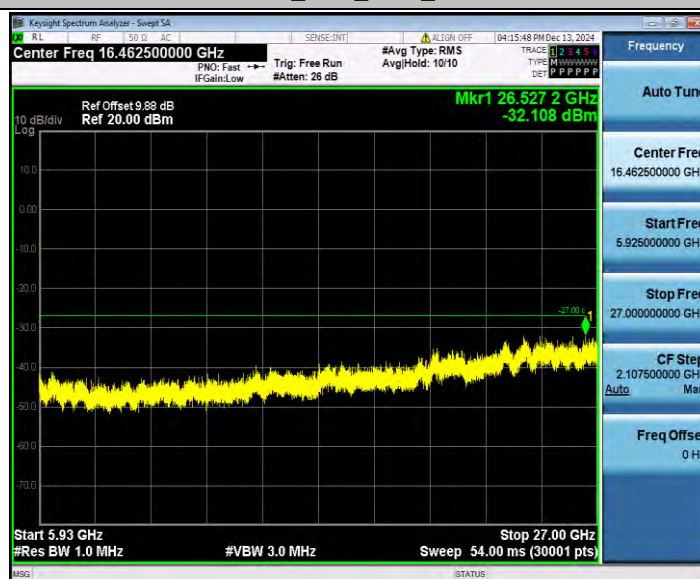
11AX40SISO_Ant1_5795_5925~27000



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]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-39.19	≤-27.00	PASS
				Peak	5700.000	-37.68	≤10.00	PASS
				Peak	5720.000	-28.55	≤15.60	PASS
				Peak	5725.000	-22.66	≤27.00	PASS
		High	5825	Peak	5850.000	-25.976	≤27.00	PASS
				Peak	5855.000	-25.13	≤15.60	PASS
				Peak	5875.000	-31.89	≤10.00	PASS
				Peak	5925.000	-36.38	≤-27.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-39.568	≤-27.00	PASS
				Peak	5700.000	-36.82	≤10.00	PASS
				Peak	5720.000	-24.44	≤15.60	PASS
				Peak	5725.000	-24.29	≤27.00	PASS
		High	5825	Peak	5850.000	-22.944	≤27.00	PASS
				Peak	5855.000	-23.78	≤15.60	PASS
				Peak	5875.000	-33.65	≤10.00	PASS
				Peak	5925.000	-35.96	≤-27.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-39.754	≤-27.00	PASS
				Peak	5700.000	-31.96	≤10.00	PASS
				Peak	5720.000	-21.92	≤15.60	PASS
				Peak	5725.000	-24.02	≤27.00	PASS
		High	5795	Peak	5850.000	-28.206	≤27.00	PASS
				Peak	5855.000	-30.22	≤15.60	PASS
				Peak	5875.000	-36.23	≤10.00	PASS
				Peak	5925.000	-35.9	≤-27.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-40.495	≤-27.00	PASS
				Peak	5700.000	-35.51	≤10.00	PASS
				Peak	5720.000	-28	≤15.60	PASS
				Peak	5725.000	-19.88	≤27.00	PASS
		High	5825	Peak	5850.000	-25.523	≤27.00	PASS
				Peak	5855.000	-25.3	≤15.60	PASS
				Peak	5875.000	-30.38	≤10.00	PASS
				Peak	5925.000	-37.01	≤-27.00	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-40.529	≤-27.00	PASS

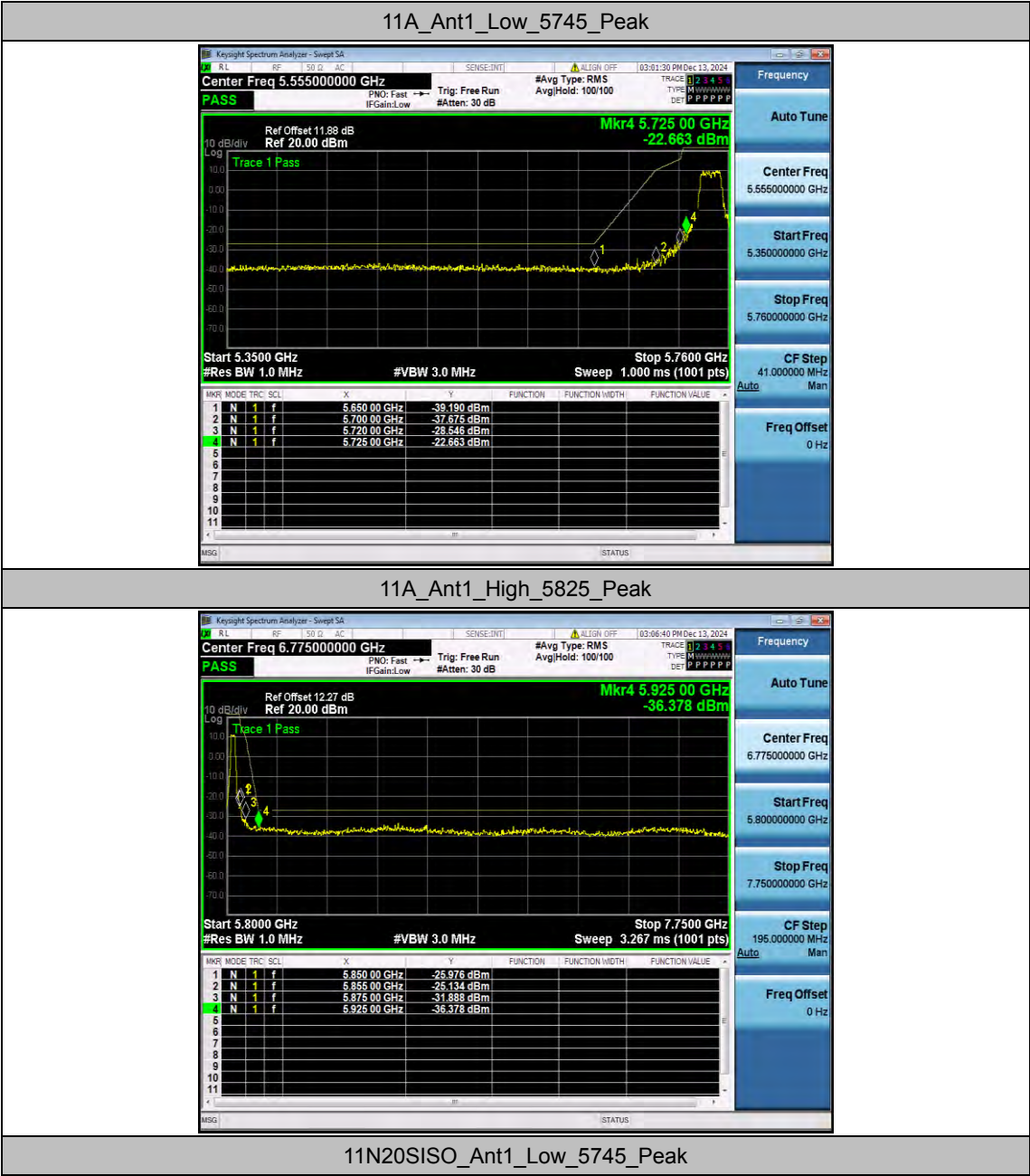
				Peak	5700.000	-32.98	≤10.00	PASS
				Peak	5720.000	-23.34	≤15.60	PASS
				Peak	5725.000	-22.5	≤27.00	PASS
		High	5795	Peak	5850.000	-25.811	≤27.00	PASS
				Peak	5855.000	-31.38	≤15.60	PASS
				Peak	5875.000	-33.16	≤10.00	PASS
				Peak	5925.000	-35.31	≤-27.00	PASS
11AC80SISO	Ant1	Low	5775	Peak	5650.000	-36.264	≤-27.00	PASS
				Peak	5700.000	-26.05	≤10.00	PASS
				Peak	5720.000	-23.99	≤15.60	PASS
				Peak	5725.000	-20.51	≤27.00	PASS
		High	5775	Peak	5850.000	-23.321	≤27.00	PASS
				Peak	5855.000	-21.68	≤15.60	PASS
				Peak	5875.000	-26.64	≤10.00	PASS
11AX20SISO	Ant1	Low	5745	Peak	5650.000	-40.704	≤-27.00	PASS
				Peak	5700.000	-33.4	≤10.00	PASS
				Peak	5720.000	-26.95	≤15.60	PASS
				Peak	5725.000	-21.58	≤27.00	PASS
		High	5825	Peak	5850.000	-23.681	≤27.00	PASS
				Peak	5855.000	-26.51	≤15.60	PASS
				Peak	5875.000	-32.09	≤10.00	PASS
11AX40SISO	Ant1	Low	5755	Peak	5650.000	-39.794	≤-27.00	PASS
				Peak	5700.000	-31.67	≤10.00	PASS
				Peak	5720.000	-24.62	≤15.60	PASS
				Peak	5725.000	-23.34	≤27.00	PASS
		High	5795	Peak	5850.000	-24.824	≤27.00	PASS
				Peak	5855.000	-26.8	≤15.60	PASS
				Peak	5875.000	-31.2	≤10.00	PASS
11AX80SISO	Ant1	Low	5775	Peak	5650.000	-35.005	≤-27.00	PASS
				Peak	5700.000	-25.68	≤10.00	PASS
				Peak	5720.000	-26.05	≤15.60	PASS
				Peak	5725.000	-24.67	≤27.00	PASS
		High	5775	Peak	5850.000	-24.907	≤27.00	PASS
				Peak	5855.000	-22.73	≤15.60	PASS
				Peak	5875.000	-28.53	≤10.00	PASS
				Peak	5925.000	-36.53	≤-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



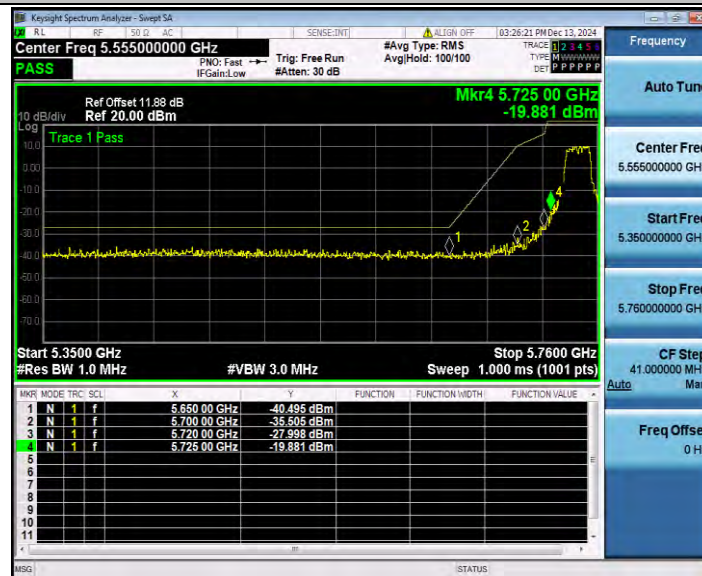
11N40SISO_Ant1_Low_5755_Peak



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



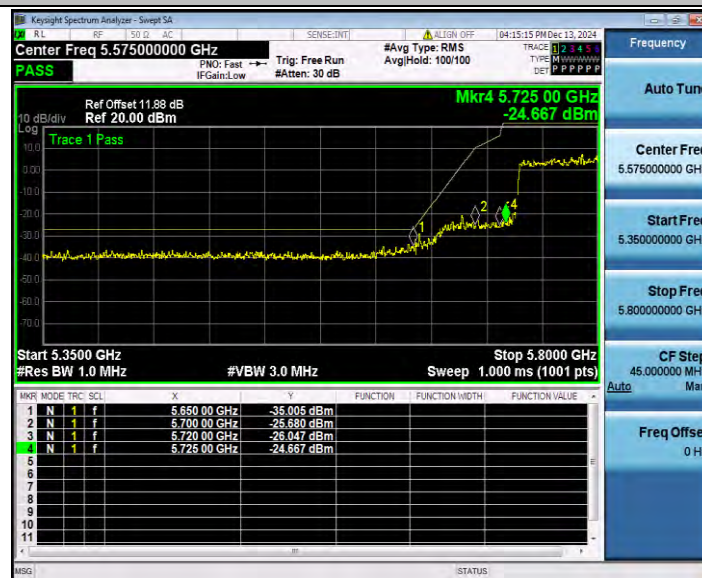
11AX40ISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak



11AX80SISO_Ant1_Low_5775_Peak



11AX80SISO_Ant1_High_5775_Peak

