

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	-40.37	≤-26.45	PASS
				5700~5720	-30.55	≤15.01	PASS
				5720~5725	-31.68	≤15.82	PASS
				5760~5650	-39.63	≤-27	PASS
		High	5825	5850~5855	-26.04	≤20.03	PASS
				5855~5875	-28.42	≤15.09	PASS
				5875~5925	-39.21	≤-26.01	PASS
				5925~5935	-37.66	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.51	≤-26.02	PASS
				5700~5720	-30.21	≤14.37	PASS
				5720~5725	-30.2	≤17.13	PASS
				5760~5650	-39.93	≤-27	PASS
		High	5825	5850~5855	-30.6	≤16.34	PASS
				5855~5875	-29.82	≤15.12	PASS
				5875~5925	-38.12	≤-26.11	PASS
				5925~5935	-38.54	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.92	≤-26.90	PASS
				5700~5720	-28.79	≤14.67	PASS
				5720~5725	-30.98	≤16.66	PASS
				5780~5650	-39.78	≤-27	PASS
		High	5795	5850~5855	-31.03	≤21.30	PASS
				5855~5875	-31.84	≤15.15	PASS
				5875~5925	-39.04	≤-26.83	PASS
				5925~5935	-38.01	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.04	≤-26.79	PASS
				5700~5720	-31.09	≤15.01	PASS
				5720~5725	-31.11	≤16.08	PASS
				5760~5650	-39.44	≤-27	PASS
		High	5825	5850~5855	-30.11	≤17.26	PASS
				5855~5875	-30.78	≤14.29	PASS
				5875~5925	-38.91	≤-26.01	PASS
				5925~5935	-37.43	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.34	≤-26.50	PASS
				5700~5720	-32.76	≤11.04	PASS
				5720~5725	-29.97	≤16.66	PASS
				5780~5650	-40.1	≤-27	PASS

		High	5795	5850~5855	-35.07	≤ 17.54	PASS
				5855~5875	-36.36	≤ 11.59	PASS
				5875~5925	-38.69	≤ -25.98	PASS
				5925~5935	-38.04	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.29	≤ -26.70	PASS
				5700~5720	-31.28	≤ 11.79	PASS
				5720~5725	-31.81	≤ 16.08	PASS
				5760~5650	-38.83	≤ -27	PASS
		High	5825	5850~5855	-25.75	≤ 21.88	PASS
				5855~5875	-31.67	≤ 13.27	PASS
				5875~5925	-37.75	≤ -26.31	PASS
				5925~5935	-38.18	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.26	≤ -26.00	PASS
				5700~5720	-30.38	≤ 14.26	PASS
				5720~5725	-29.04	≤ 15.74	PASS
				5780~5650	-39.36	≤ -27	PASS
		High	5795	5850~5855	-31.2	≤ 18.29	PASS
				5855~5875	-33.17	≤ 14.36	PASS
				5875~5925	-38.89	≤ -26.95	PASS
				5925~5935	-38.44	≤ -27	PASS

Test Graphs B4

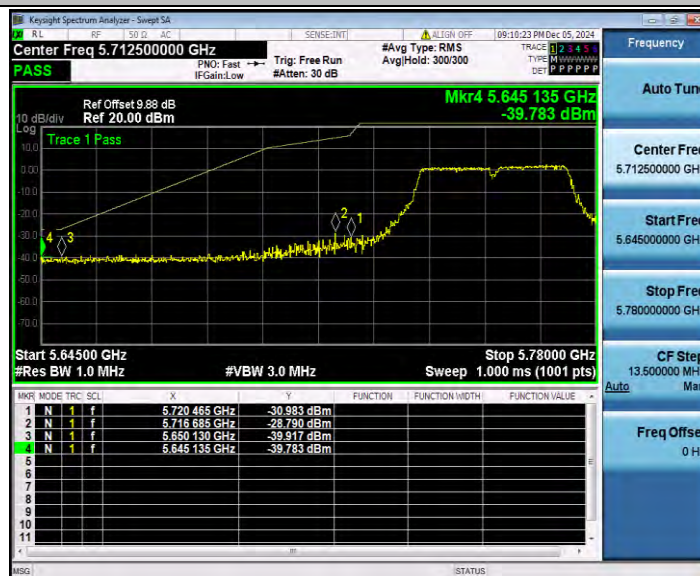




11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825







11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755





Appendix D.7: Conducted Spurious Emission

Test Result

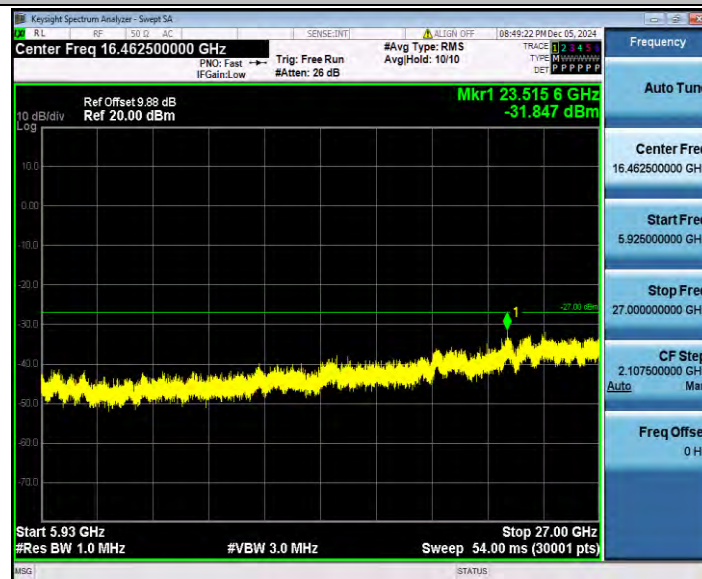
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	2666.72	-40.28	≤-27	PASS
			5925~27000	23515.6	-31.85	≤-27	PASS
		5785	30~5650	5488.52	-39.67	≤-27	PASS
			5925~27000	24246.9	-31.52	≤-27	PASS
		5825	30~5650	4882.31	-40.09	≤-27	PASS
			5925~27000	24285.54	-31.68	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	2654.91	-41.07	≤-27	PASS
			5925~27000	24850.35	-32.35	≤-27	PASS
		5785	30~5650	5506.69	-39.39	≤-27	PASS
			5925~27000	26736.56	-31.23	≤-27	PASS
		5825	30~5650	4933.26	-40.31	≤-27	PASS
			5925~27000	23563.37	-31.34	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	3298.4	-40.55	≤-27	PASS
			5925~27000	23604.12	-32.44	≤-27	PASS
		5795	30~5650	5357.01	-39.77	≤-27	PASS
			5925~27000	26861.61	-31.62	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2684.89	-39.93	≤-27	PASS
			5925~27000	24749.19	-31.61	≤-27	PASS
		5785	30~5650	2694.44	-39.98	≤-27	PASS
			5925~27000	24154.88	-31.39	≤-27	PASS
		5825	30~5650	3092.9	-40.39	≤-27	PASS
			5925~27000	24277.11	-31.06	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5565.33	-40.78	≤-27	PASS
			5925~27000	24112.73	-31.17	≤-27	PASS
		5795	30~5650	5424.26	-39.96	≤-27	PASS
			5925~27000	26610.82	-30.94	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5426.32	-40.47	≤-27	PASS
			5925~27000	23488.91	-31.73	≤-27	PASS
		5785	30~5650	5473.16	-40.31	≤-27	PASS
			5925~27000	23499.44	-32.06	≤-27	PASS
		5825	30~5650	2655.1	-39.21	≤-27	PASS
			5925~27000	24202.65	-31.56	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4955.74	-40.59	≤-27	PASS
			5925~27000	24298.89	-32.37	≤-27	PASS
		5795	30~5650	4984.03	-39.86	≤-27	PASS
			5925~27000	24250.42	-31.65	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



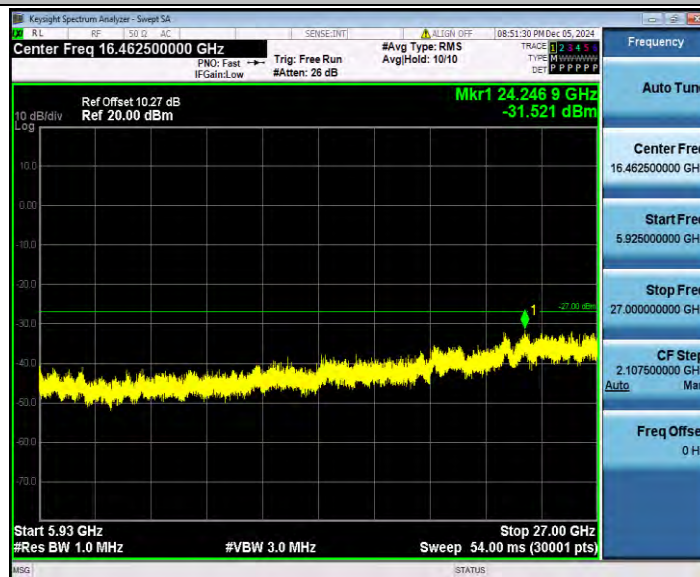
11A_Ant1_5745_5925~27000



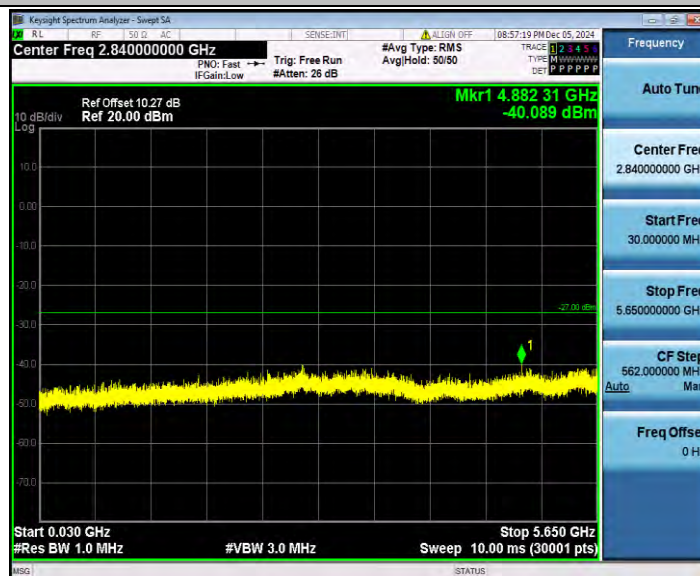
11A_Ant1_5785_30~5650



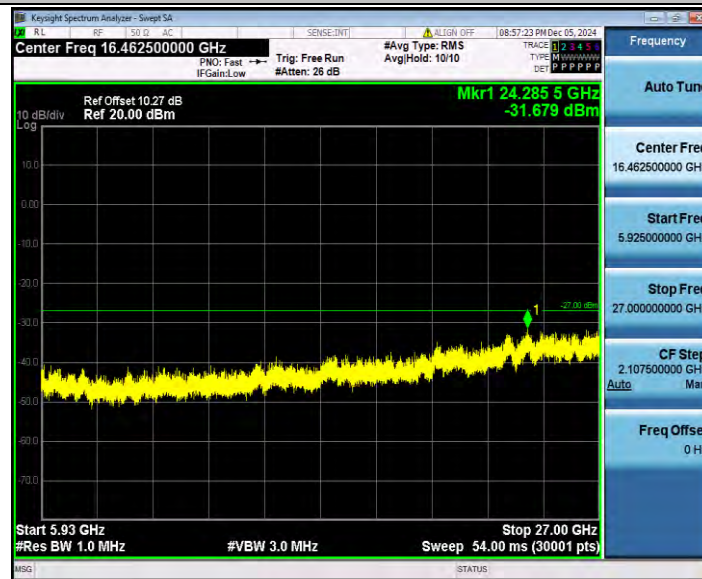
11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~27000



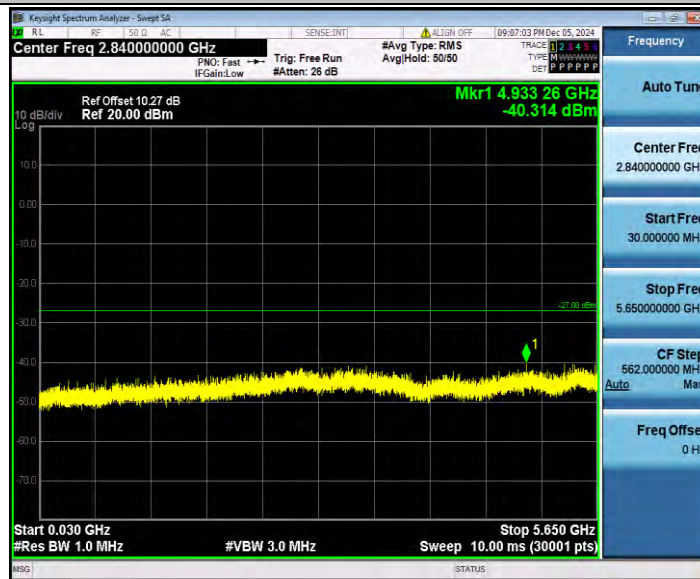
11N20SISO_Ant1_5785_30~5650



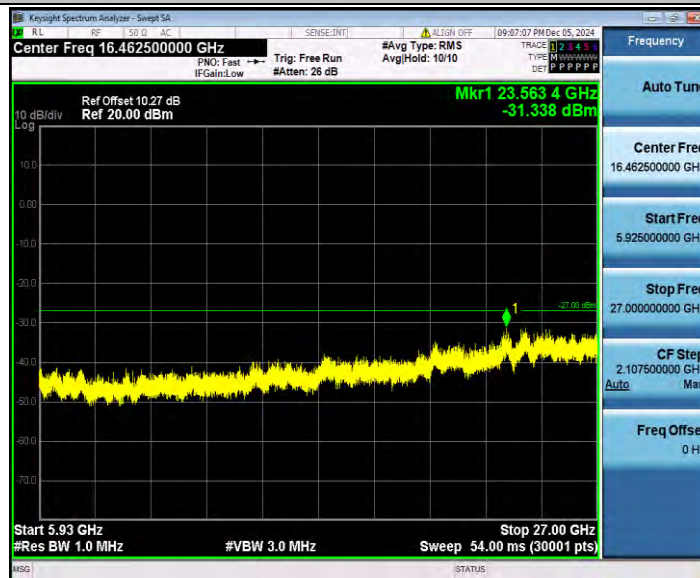
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11N20SISO_Ant1_5825_30~5650



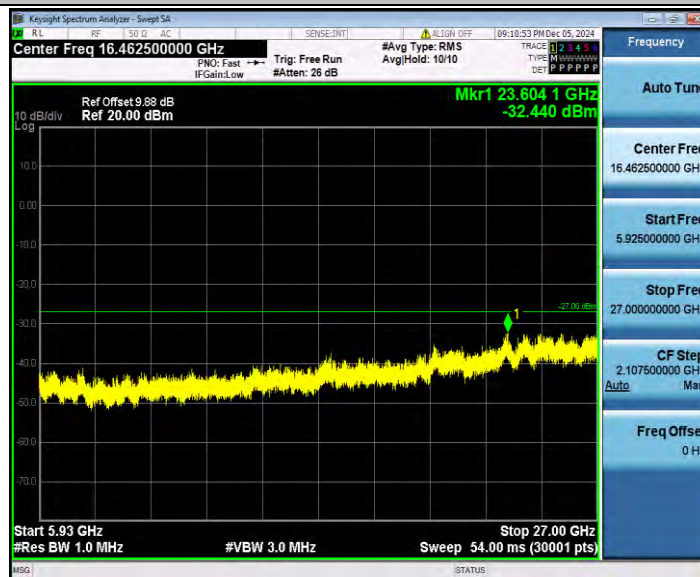
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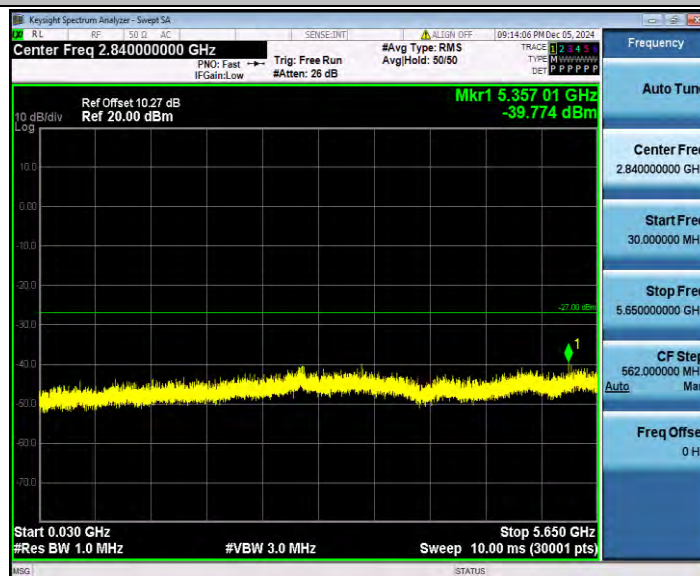
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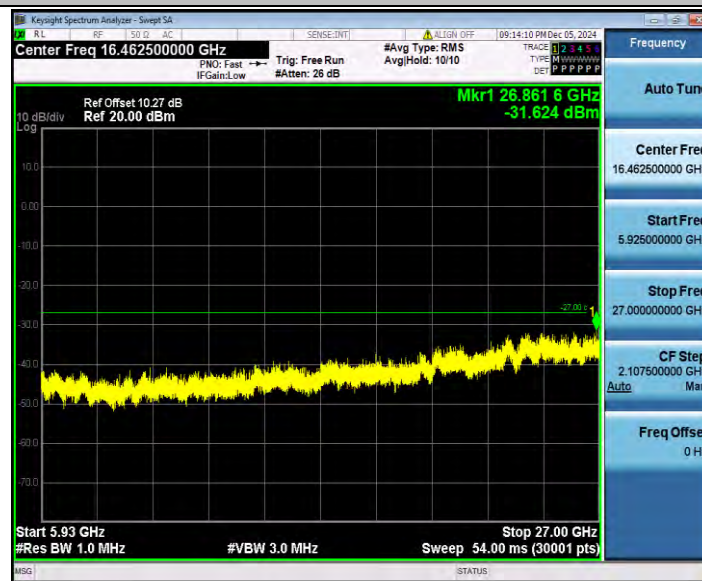
11N40SISO_Ant1_5755_5925~27000



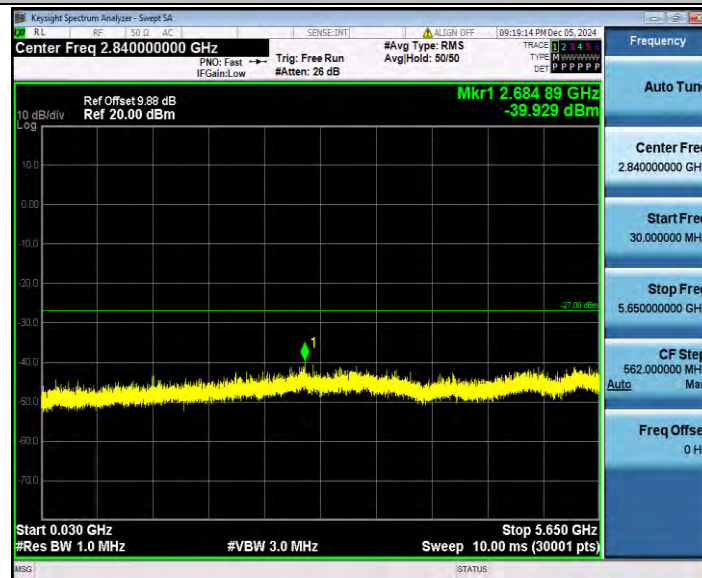
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



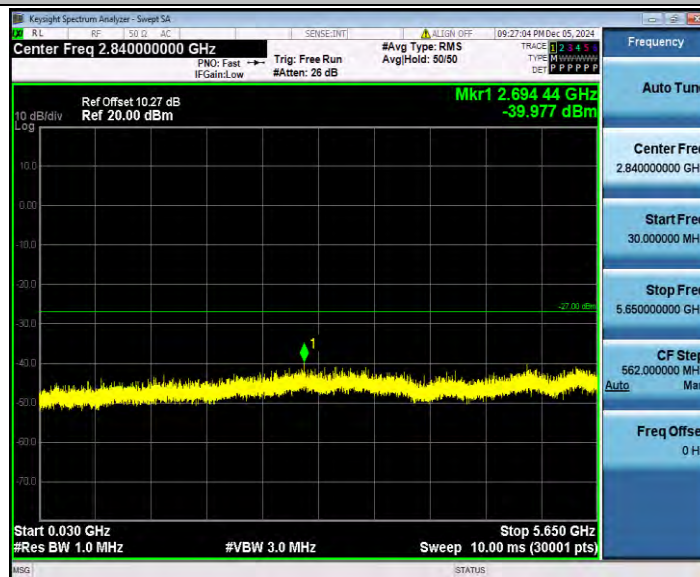
11AC20SISO_Ant1_5745_30~5650



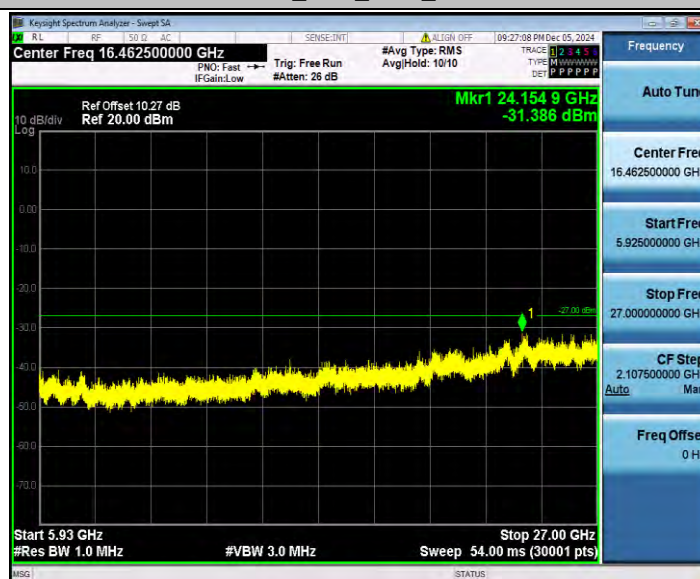
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



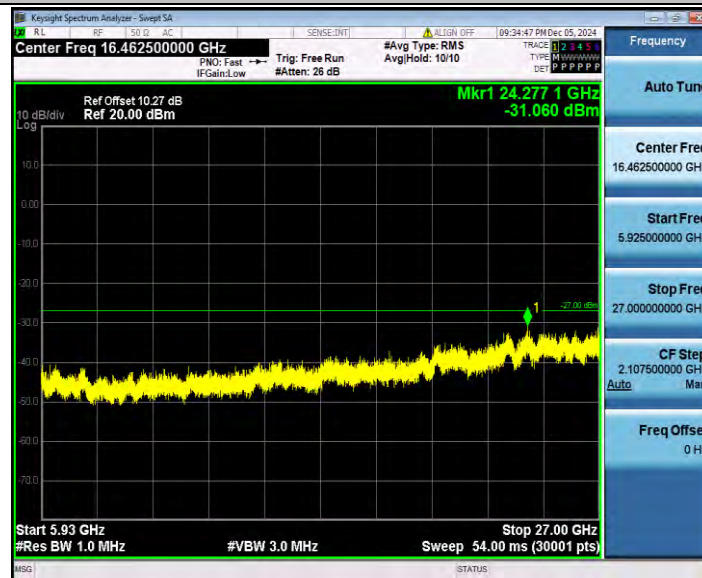
11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



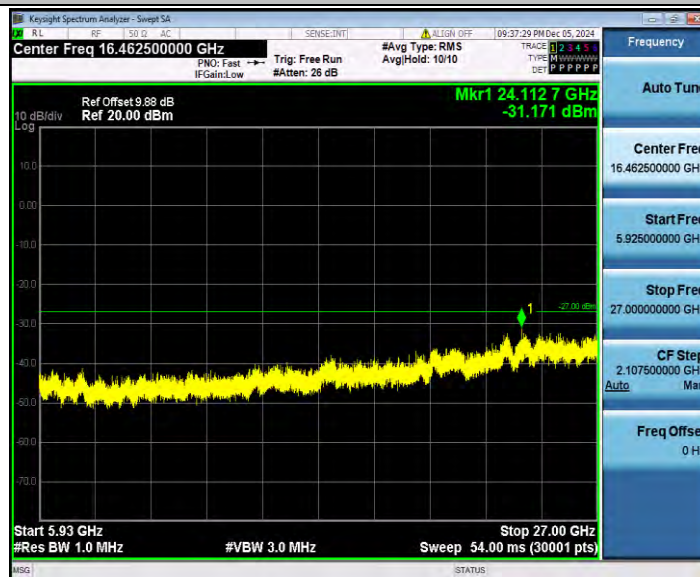
11AC20SISO_Ant1_5825_5925~27000



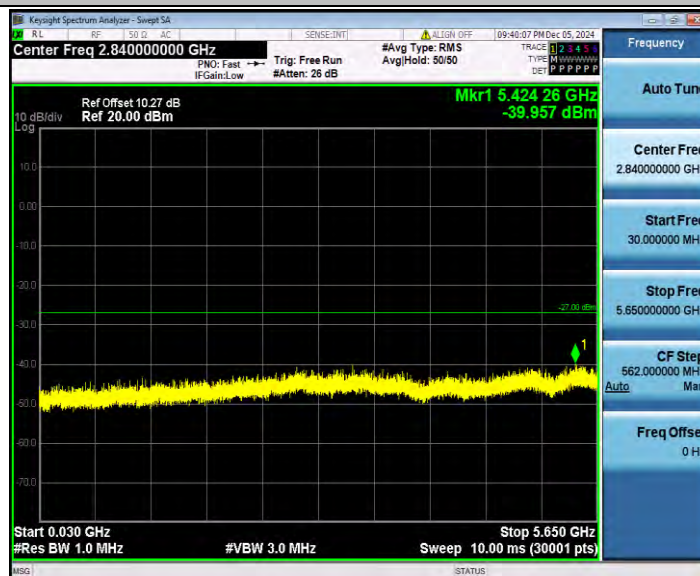
11AC40SISO_Ant1_5755_30~5650



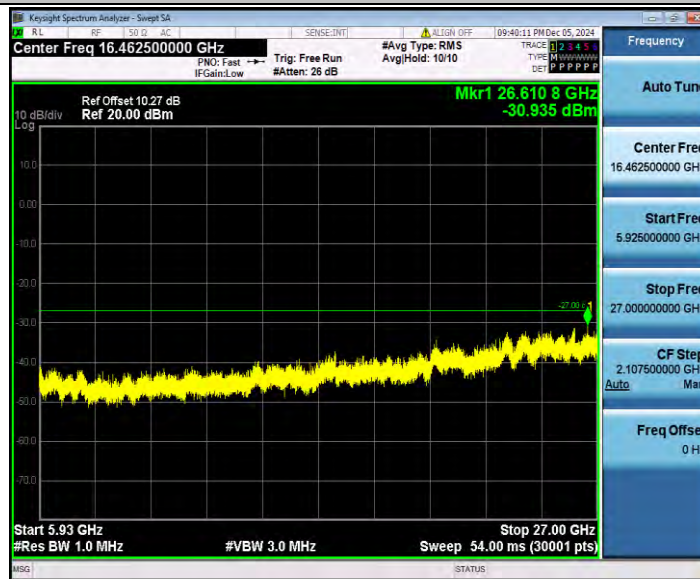
11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



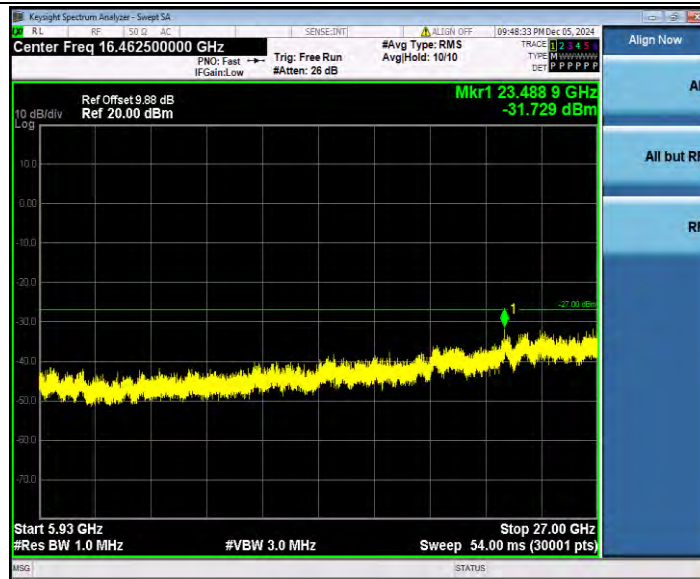
11AC40SISO_Ant1_5795_5925~27000



11AX20SISO_Ant1_5745_30~5650



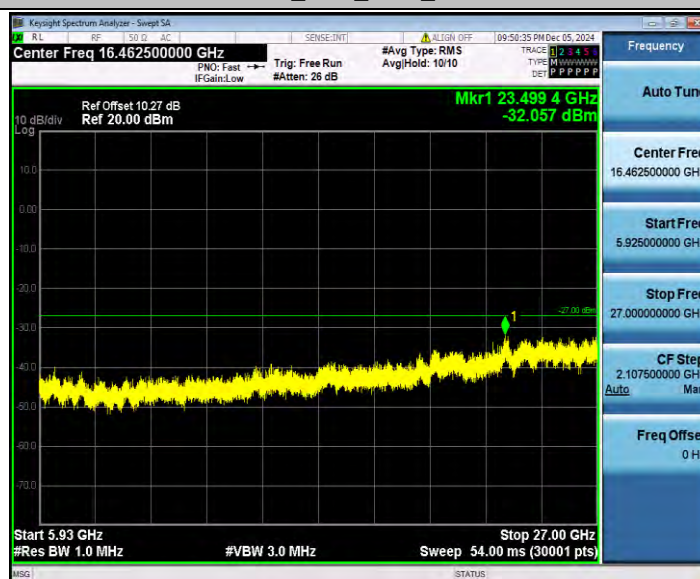
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



11AX20SISO_Ant1_5825_30~5650



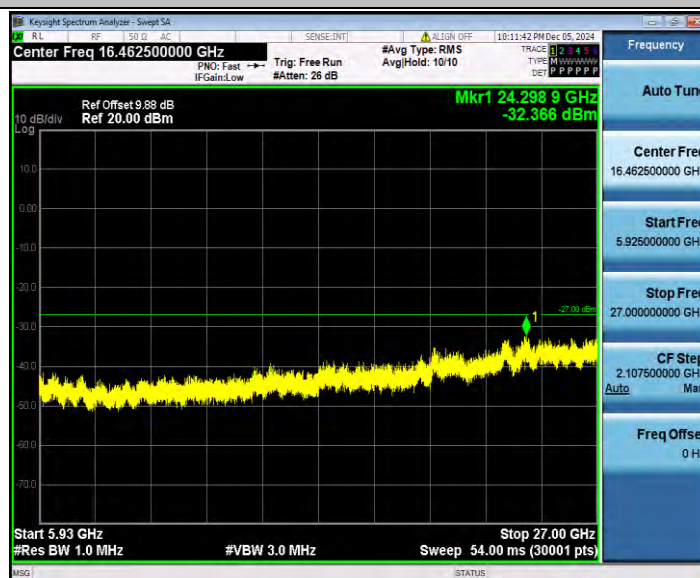
11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650

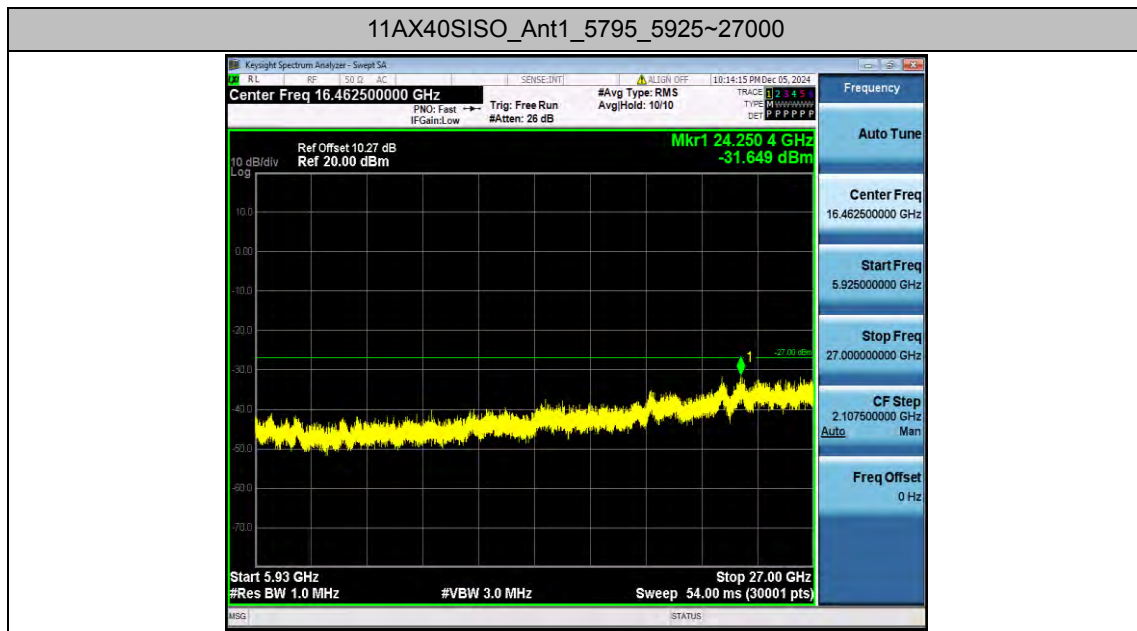


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





Appendix D.8: Emissions in Restricted Bands

Test Result

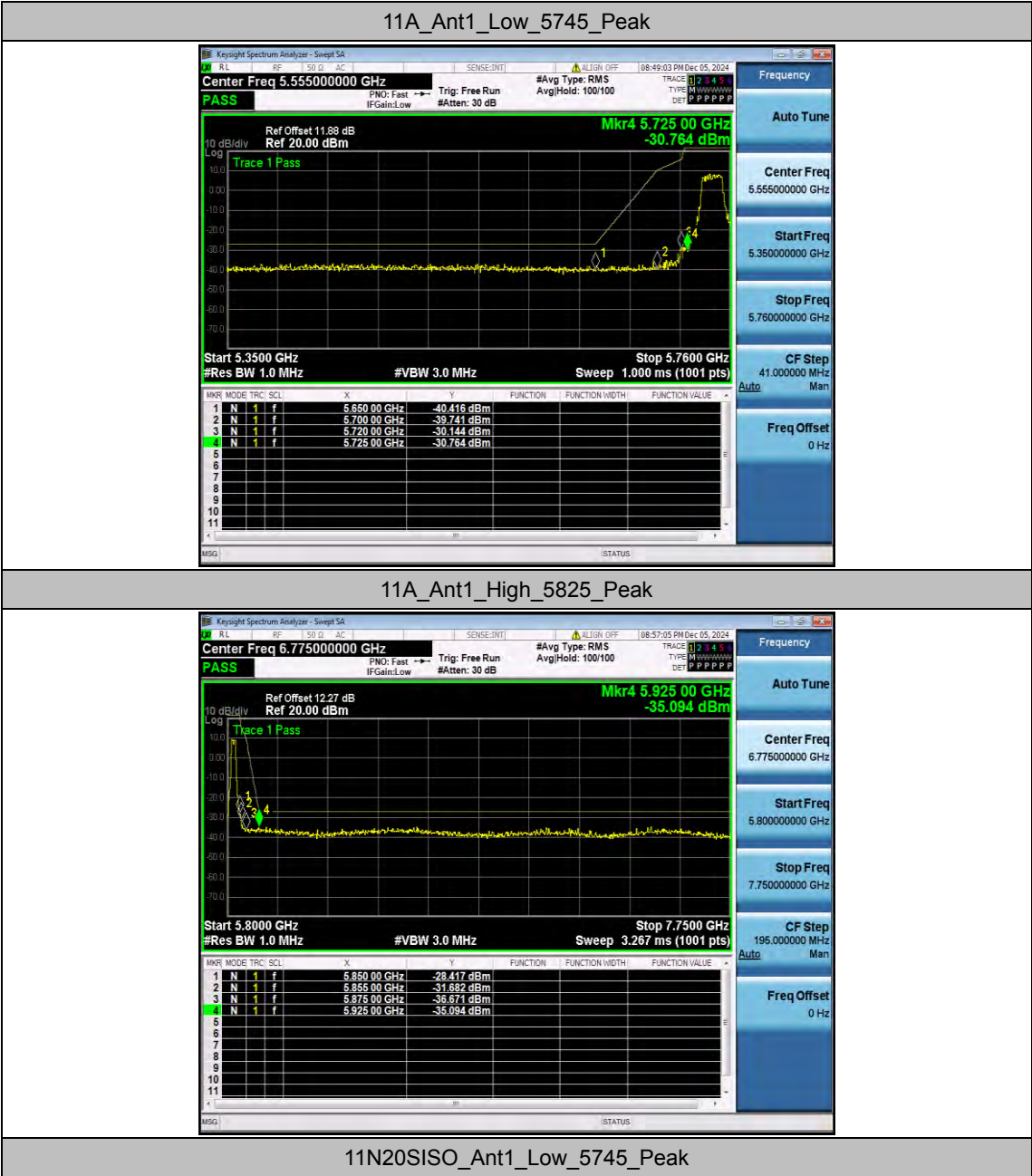
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-40.416	≤-27.00	PASS
				Peak	5700.000	-39.74	≤10.00	PASS
				Peak	5720.000	-30.14	≤15.60	PASS
				Peak	5725.000	-30.76	≤27.00	PASS
		High	5825	Peak	5850.000	-28.417	≤27.00	PASS
				Peak	5855.000	-31.68	≤15.60	PASS
				Peak	5875.000	-36.67	≤10.00	PASS
				Peak	5925.000	-35.09	≤-27.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-40.314	≤-27.00	PASS
				Peak	5700.000	-39.03	≤10.00	PASS
				Peak	5720.000	-33.64	≤15.60	PASS
				Peak	5725.000	-30.38	≤27.00	PASS
		High	5825	Peak	5850.000	-30.004	≤27.00	PASS
				Peak	5855.000	-28.82	≤15.60	PASS
				Peak	5875.000	-35.23	≤10.00	PASS
				Peak	5925.000	-37.22	≤-27.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-40.155	≤-27.00	PASS
				Peak	5700.000	-37.46	≤10.00	PASS
				Peak	5720.000	-36.87	≤15.60	PASS
				Peak	5725.000	-35.17	≤27.00	PASS
		High	5795	Peak	5850.000	-33.166	≤27.00	PASS
				Peak	5855.000	-34.74	≤15.60	PASS
				Peak	5875.000	-35.31	≤10.00	PASS
				Peak	5925.000	-37.34	≤-27.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-39.756	≤-27.00	PASS
				Peak	5700.000	-37.43	≤10.00	PASS
				Peak	5720.000	-37.95	≤15.60	PASS
				Peak	5725.000	-26.92	≤27.00	PASS
		High	5825	Peak	5850.000	-26.105	≤27.00	PASS

				Peak	5855.000	-32.14	≤15.60	PASS
				Peak	5875.000	-36.15	≤10.00	PASS
				Peak	5925.000	-36.05	≤-27.00	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-40.16 9	≤-27.00	PASS
				Peak	5700.000	-35.43	≤10.00	PASS
				Peak	5720.000	-33.71	≤15.60	PASS
				Peak	5725.000	-32.7	≤27.00	PASS
		High	5795	Peak	5850.000	-29.79 7	≤27.00	PASS
				Peak	5855.000	-33.53	≤15.60	PASS
				Peak	5875.000	-35.52	≤10.00	PASS
				Peak	5925.000	-35.75	≤-27.00	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-40.04 8	≤-27.00	PASS
				Peak	5700.000	-37.29	≤10.00	PASS
				Peak	5720.000	-31.38	≤15.60	PASS
				Peak	5725.000	-33.19	≤27.00	PASS
		High	5825	Peak	5850.000	-30.45 4	≤27.00	PASS
				Peak	5855.000	-27.89	≤15.60	PASS
				Peak	5875.000	-35.34	≤10.00	PASS
				Peak	5925.000	-36.94	≤-27.00	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-40.17 6	≤-27.00	PASS
				Peak	5700.000	-40.07	≤10.00	PASS
				Peak	5720.000	-28.52	≤15.60	PASS
				Peak	5725.000	-26.74	≤27.00	PASS
		High	5795	Peak	5850.000	-31.08 7	≤27.00	PASS
				Peak	5855.000	-34.58	≤15.60	PASS
				Peak	5875.000	-36.65	≤10.00	PASS
				Peak	5925.000	-35.89	≤-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



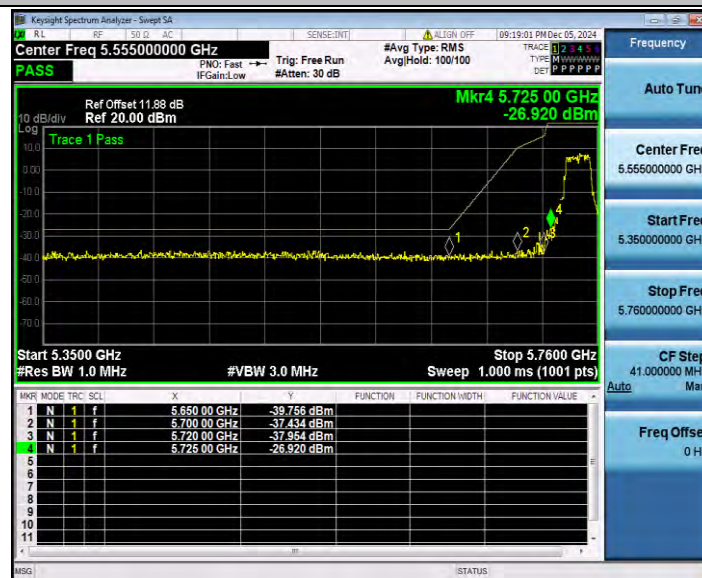
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



11AC20SISO_Ant1_Low_5745_Peak



11AC20SISO_Ant1_High_5825_Peak



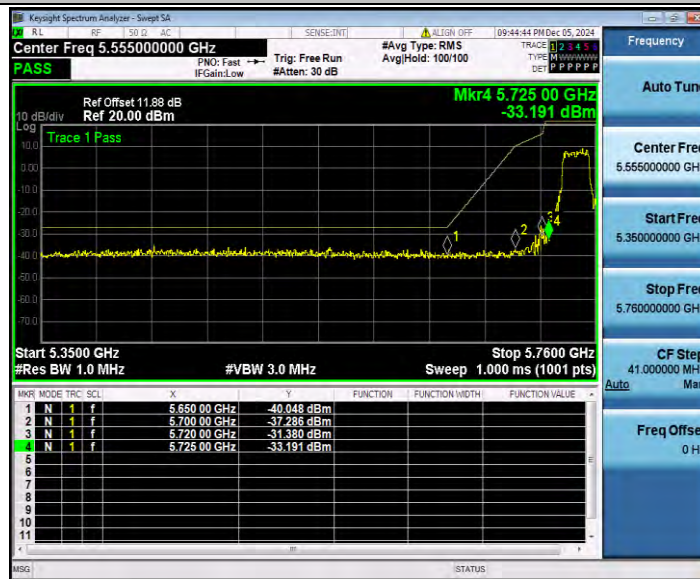
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11AC40SISO_Ant1_High_5795_Peak



11AX20SISO_Ant1_Low_5745_Peak



11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak

