

Appendix E.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5260	-37.45	≤ -27	PASS
		High	5320	-36.27	≤ -27	PASS
11N20SISO	Ant1	Low	5260	-37.02	≤ -27	PASS
		High	5320	-35.12	≤ -27	PASS
11N40SISO	Ant1	Low	5270	-37.1	≤ -27	PASS
		High	5310	-32.72	≤ -27	PASS
11AC20SISO	Ant1	Low	5260	-37.47	≤ -27	PASS
		High	5320	-35.47	≤ -27	PASS
11AC40SISO	Ant1	Low	5270	-36.66	≤ -27	PASS
		High	5310	-31.09	≤ -27	PASS
11AC80SISO	Ant1	Low	5290	-37	≤ -27	PASS
		High	5290	-31.56	≤ -27	PASS
11AX20SISO	Ant1	Low	5260	-36.77	≤ -27	PASS
		High	5320	-34.26	≤ -27	PASS
11AX40SISO	Ant1	Low	5270	-37.5	≤ -27	PASS
		High	5310	-33.03	≤ -27	PASS
11AX80SISO	Ant1	Low	5290	-36.86	≤ -27	PASS
		High	5290	-30.56	≤ -27	PASS

Test Graphs B1

11A_Ant1_Low_5260



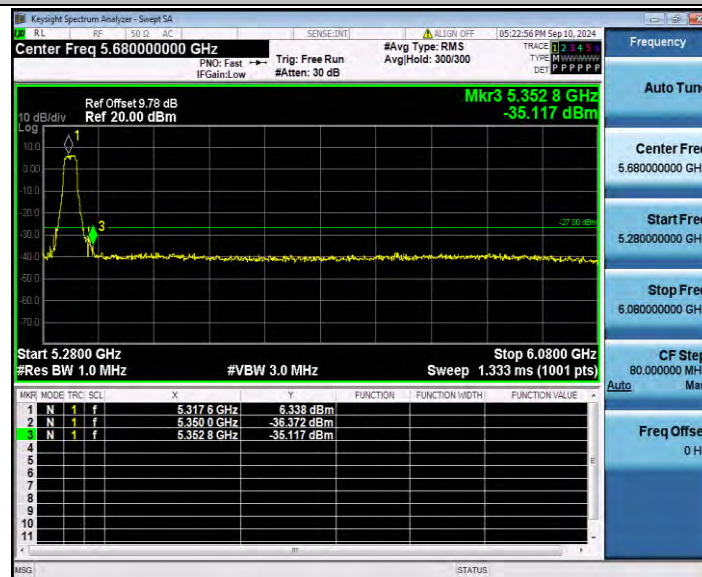
11A_Ant1_High_5320



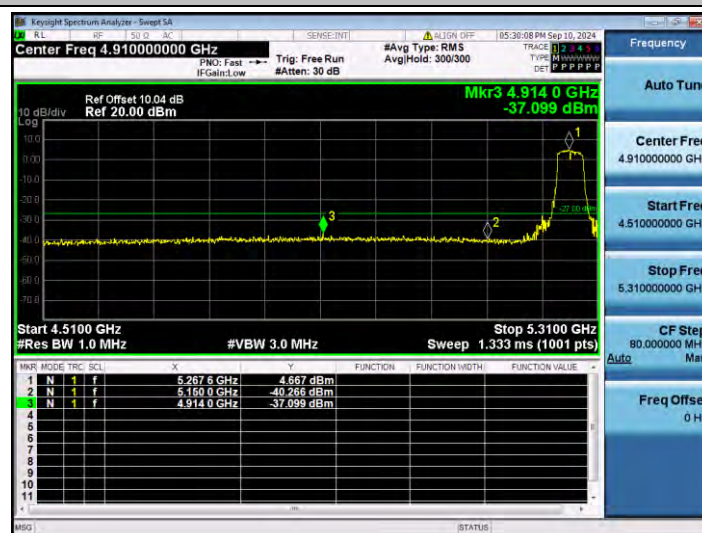
11N20SISO_Ant1_Low_5260



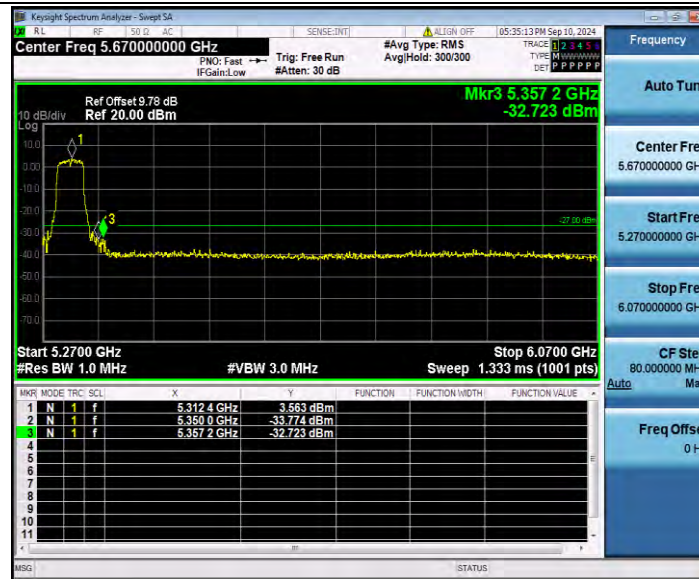
11N20SISO_Ant1_High_5320



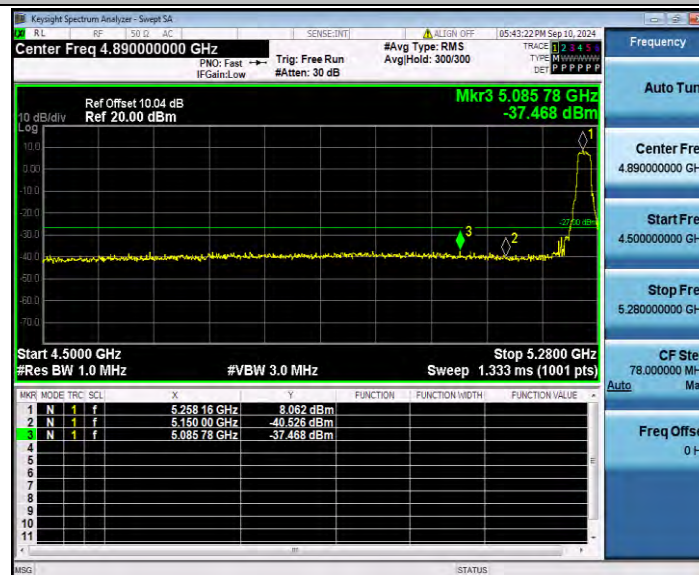
11N40SISO_Ant1_Low_5270



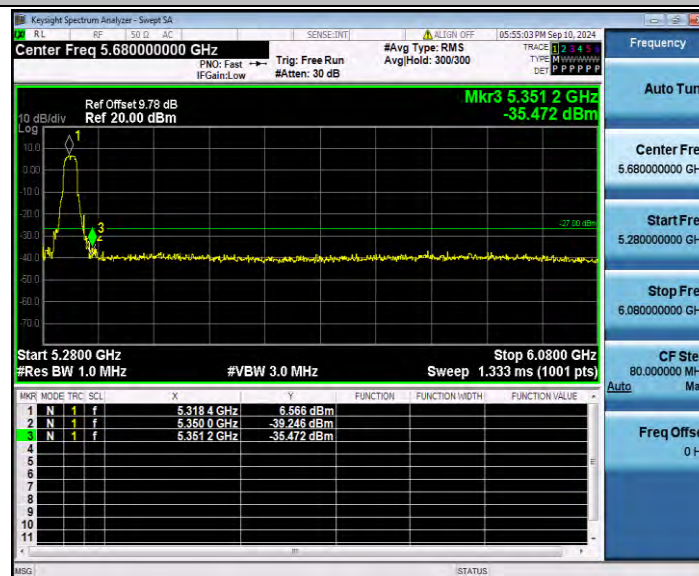
11N40SISO_Ant1_High_5310

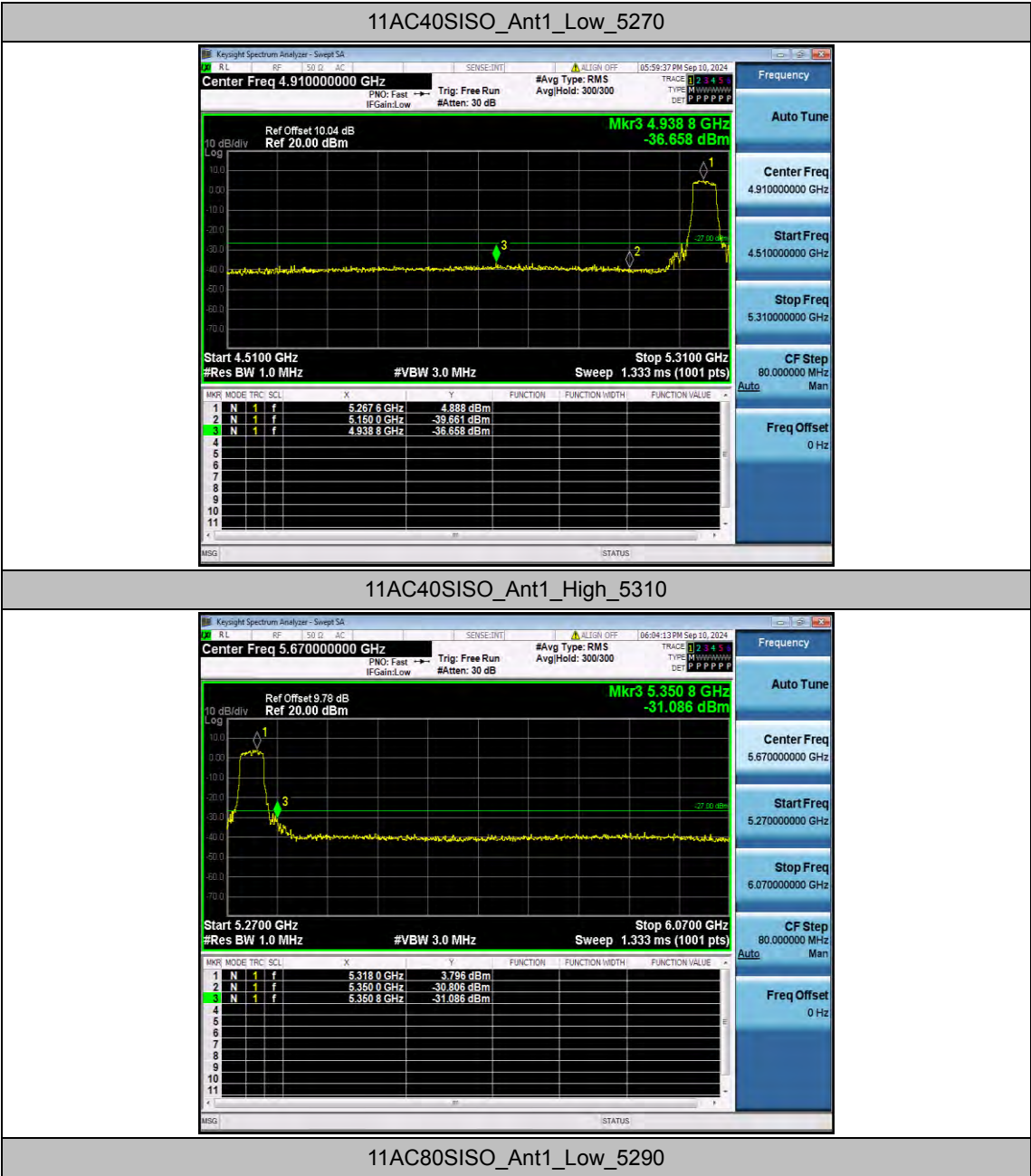


11AC20SISO_Ant1_Low_5260



11AC20SISO_Ant1_High_5320



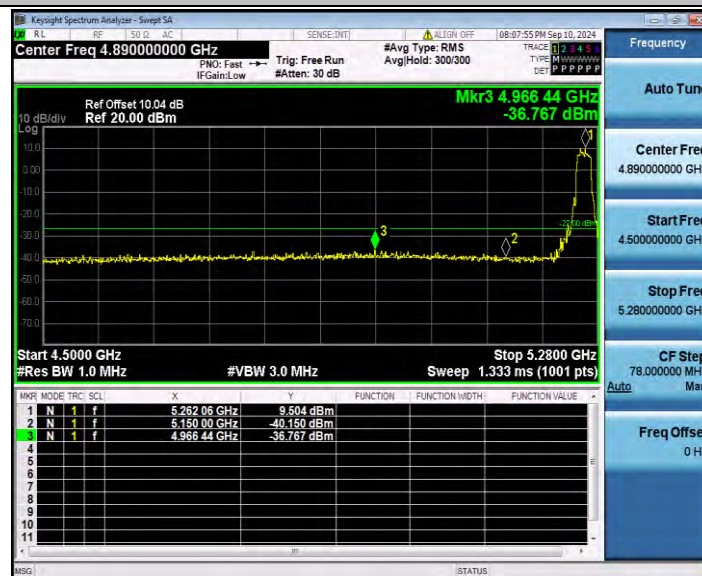




11AC80SISO_Ant1_High_5290



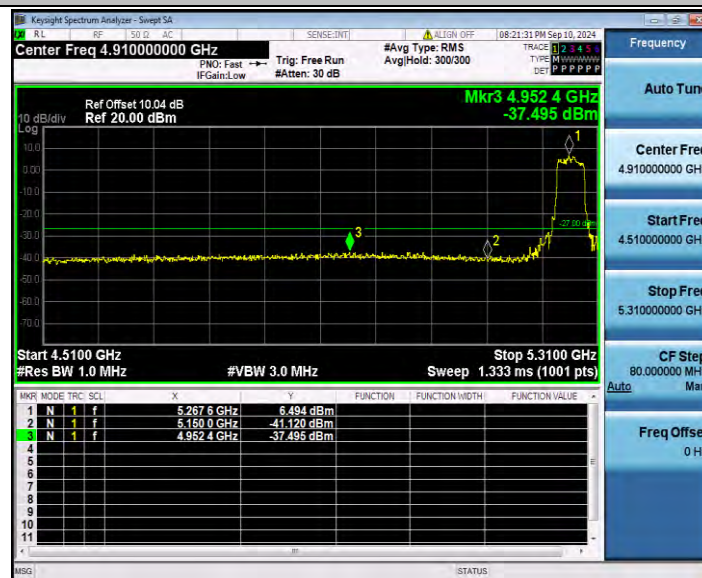
11AX20SISO_Ant1_Low_5260



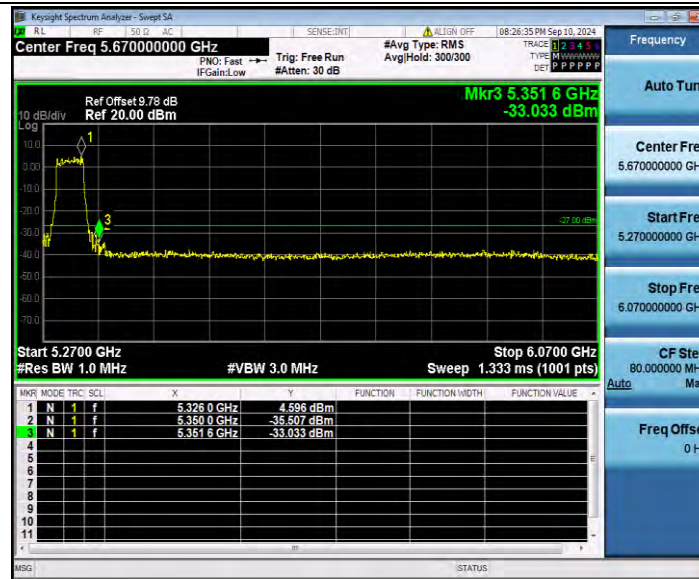
11AX20SISO_Ant1_High_5320



11AX40SISO_Ant1_Low_5270



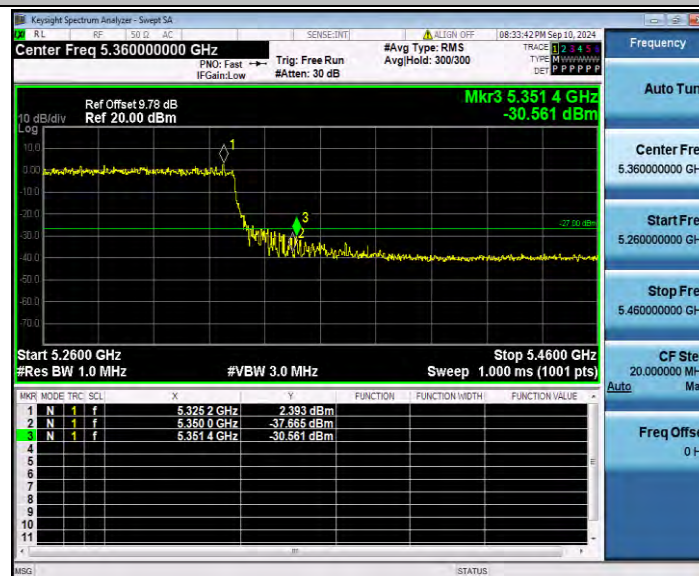
11AX40SISO_Ant1_High_5310



11AX80SISO_Ant1_Low_5290



11AX80SISO_Ant1_High_5290



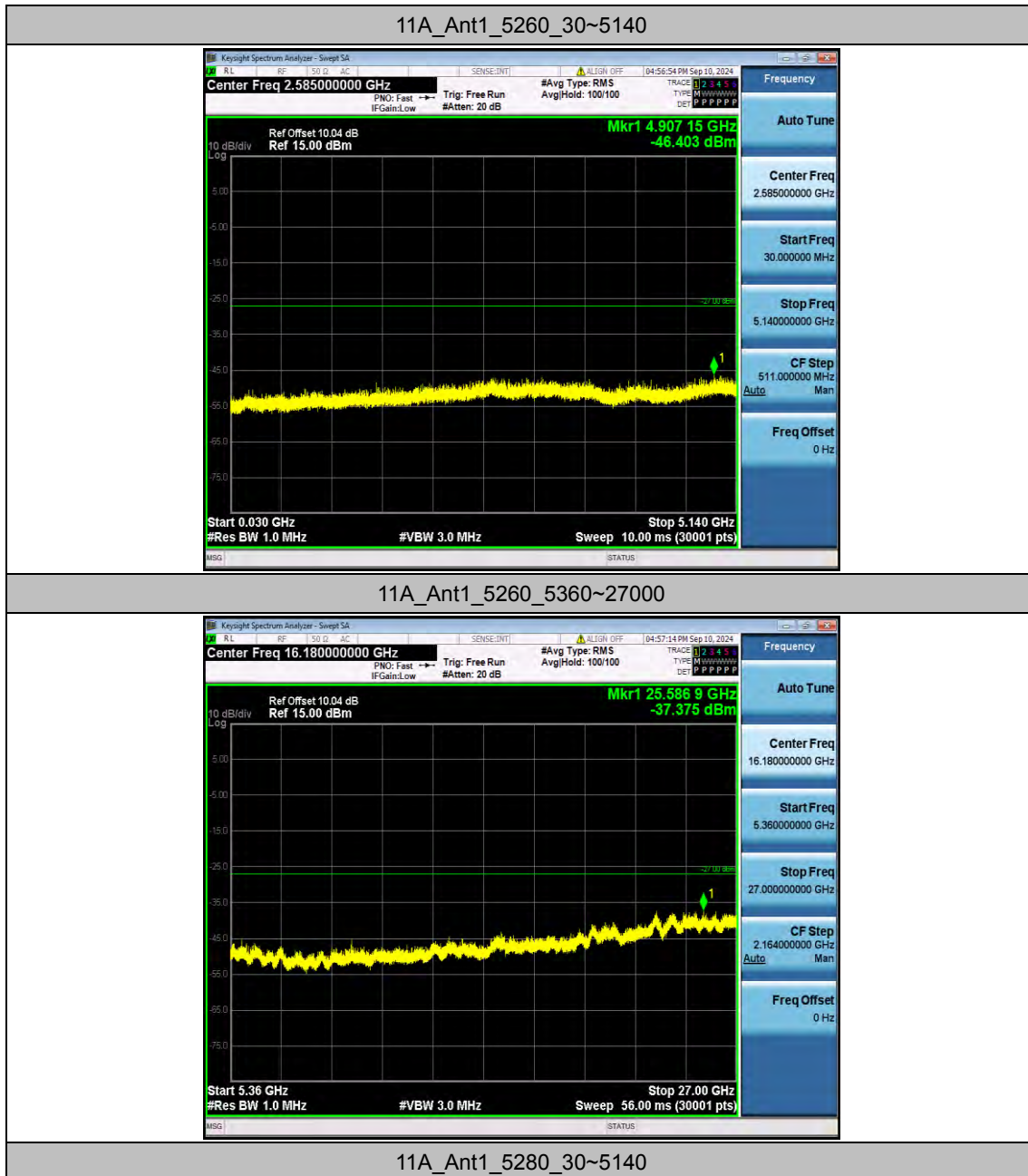
Appendix E.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	30~5140	4907.15	-46.4	≤-27	PASS
			5360~27000	25586.91	-37.38	≤-27	PASS
		5280	30~5140	4914.65	-46.49	≤-27	PASS
			5360~27000	25570.32	-36.99	≤-27	PASS
		5320	30~5140	4971.03	-46.64	≤-27	PASS
			5360~27000	26702.81	-37.39	≤-27	PASS
11N20SISO	Ant1	5260	30~5140	3225.96	-46.72	≤-27	PASS
			5360~27000	23535.44	-36.27	≤-27	PASS
		5280	30~5140	4224.12	-44.57	≤-27	PASS
			5360~27000	24122.6	-37.48	≤-27	PASS
		5320	30~5140	4987.72	-46.66	≤-27	PASS
			5360~27000	24768.19	-37.15	≤-27	PASS
11N40SISO	Ant1	5270	30~5140	4905.45	-46.26	≤-27	PASS
			5360~27000	26024.76	-37.65	≤-27	PASS
		5310	30~5140	2584.49	-46.62	≤-27	PASS
			5360~27000	5362.16	-36.72	≤-27	PASS
11AC20SISO	Ant1	5260	30~5140	2804.22	-46.52	≤-27	PASS
			5360~27000	24178.14	-37.33	≤-27	PASS
		5280	30~5140	2811.54	-45.04	≤-27	PASS
			5360~27000	24201.95	-37.17	≤-27	PASS
		5320	30~5140	2662.5	-46.21	≤-27	PASS
			5360~27000	26847.8	-37.15	≤-27	PASS
11AC40SISO	Ant1	5270	30~5140	824.95	-30.64	≤-27	PASS
			5360~27000	26878.09	-36.99	≤-27	PASS
		5310	30~5140	37.49	-38.32	≤-27	PASS
			5360~27000	26666.74	-37.08	≤-27	PASS
11AC80SISO	Ant1	5290	30~5140	1737.59	-39.41	≤-27	PASS
			5360~27000	5380.2	-35.64	≤-27	PASS
11AX20SISO	Ant1	5260	30~5140	36.98	-43.66	≤-27	PASS
			5360~27000	24351.99	-37.53	≤-27	PASS
		5280	30~5140	2711.05	-46.2	≤-27	PASS
			5360~27000	26024.04	-37.07	≤-27	PASS
		5320	30~5140	4923.17	-46.09	≤-27	PASS
			5360~27000	24802.82	-37.2	≤-27	PASS
11AX40SISO	Ant1	5270	30~5140	36.98	-43.67	≤-27	PASS
			5360~27000	24274.08	-36.78	≤-27	PASS
		5310	30~5140	4903.07	-45.33	≤-27	PASS

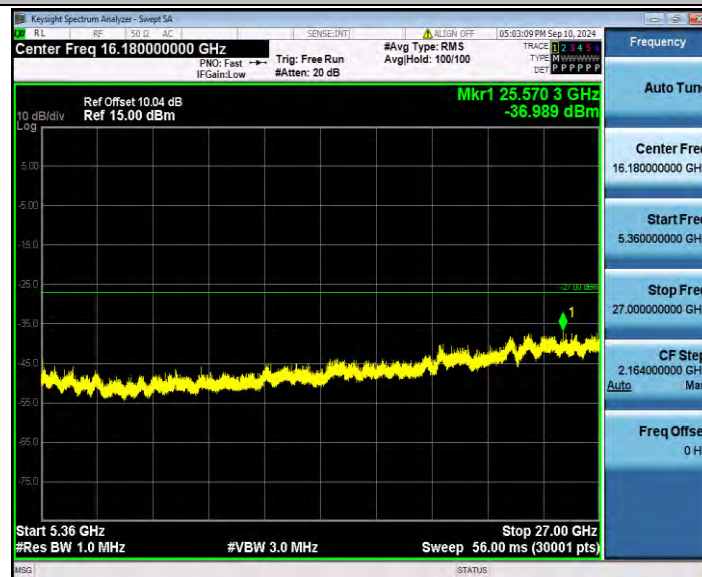
			5360~27000	24326.74	-37.48	≤ -27	PASS
11AX80SISO	Ant1	5290	30~5140	37.32	-44.79	≤ -27	PASS
			5360~27000	26060.82	-37.28	≤ -27	PASS

Test Graphs





11A_Ant1_5280_5360~27000



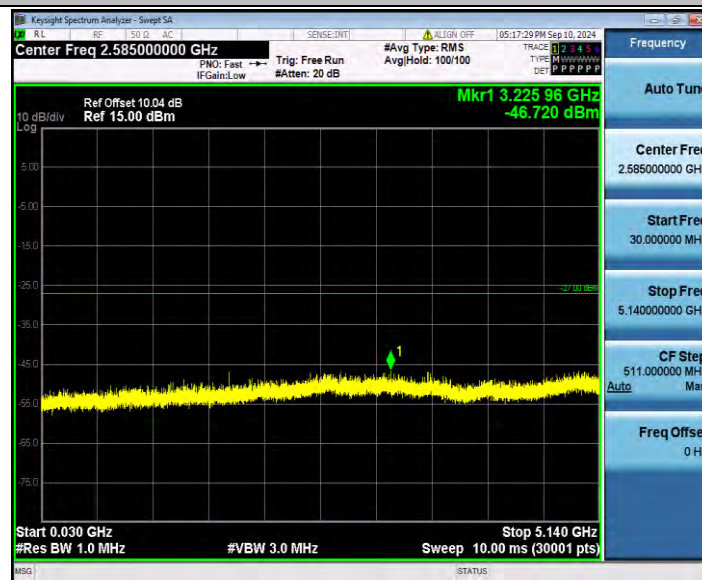
11A_Ant1_5320_30~5140



11A_Ant1_5320_5360~27000



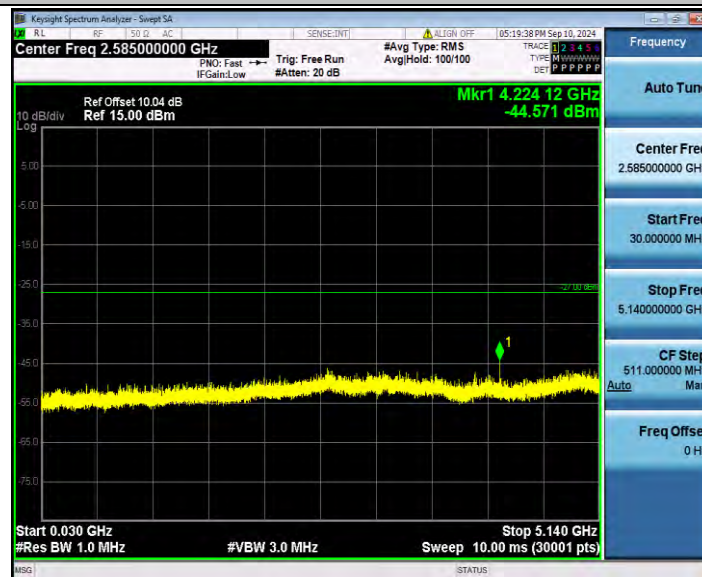
11N20SISO_Ant1_5260_30~5140



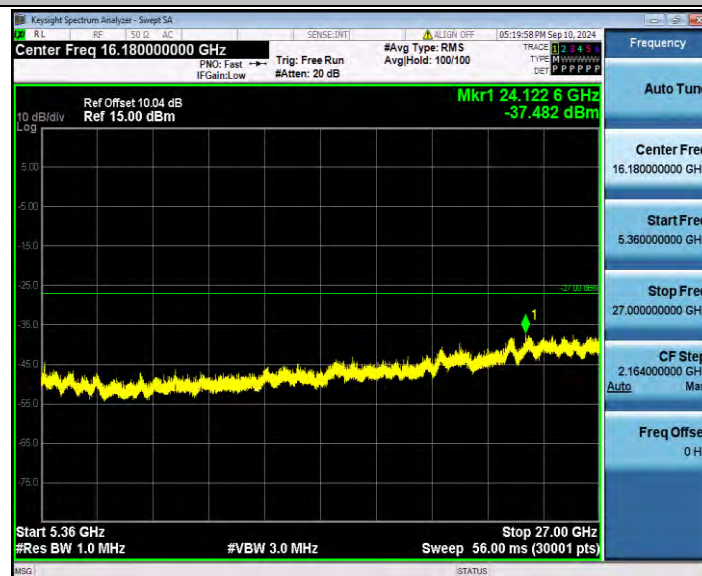
11N20SISO_Ant1_5260_5360~27000



11N20SISO_Ant1_5280_30~5140



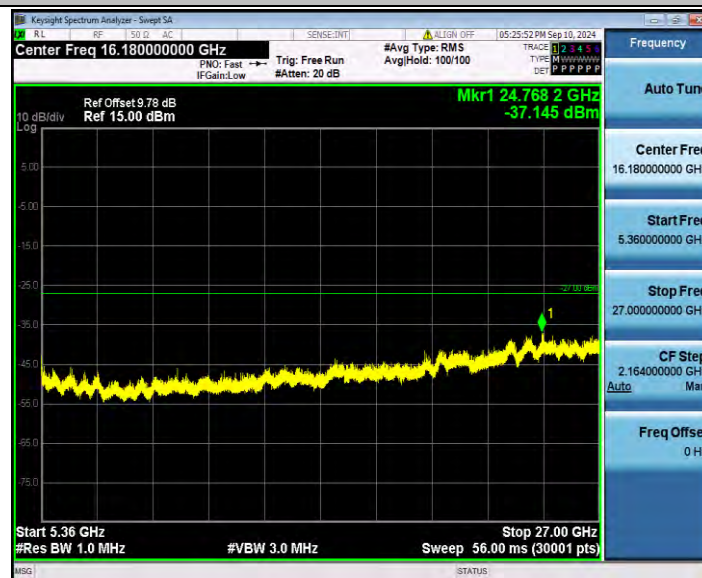
11N20SISO_Ant1_5280_5360~27000



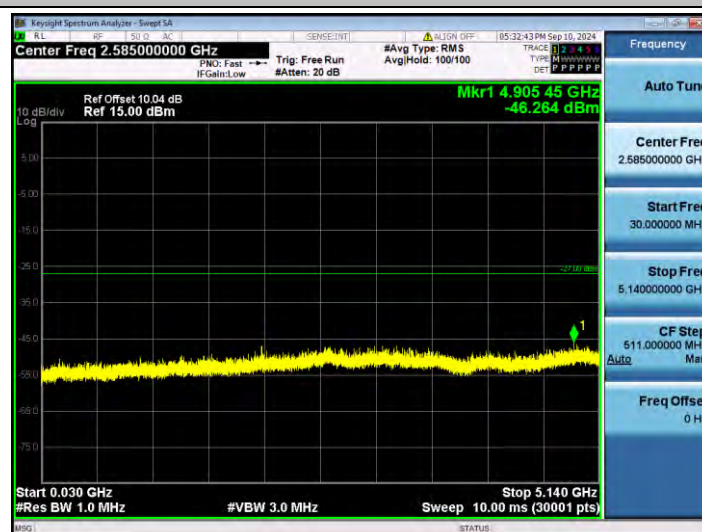
11N20SISO_Ant1_5320_30~5140



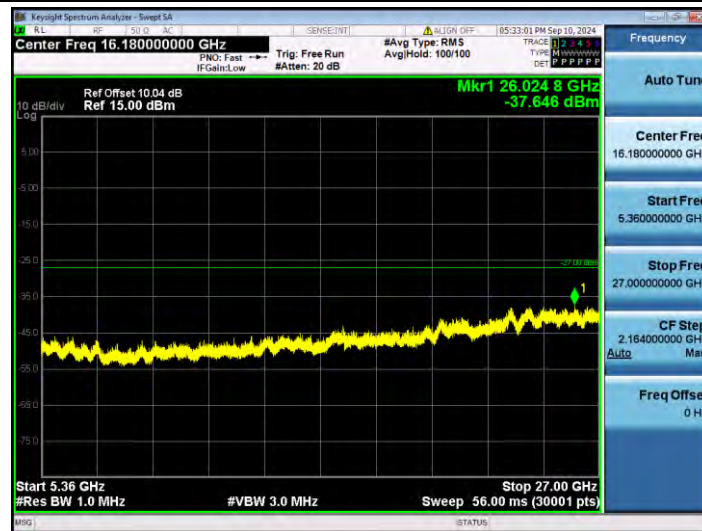
11N20SISO_Ant1_5320_5360~27000



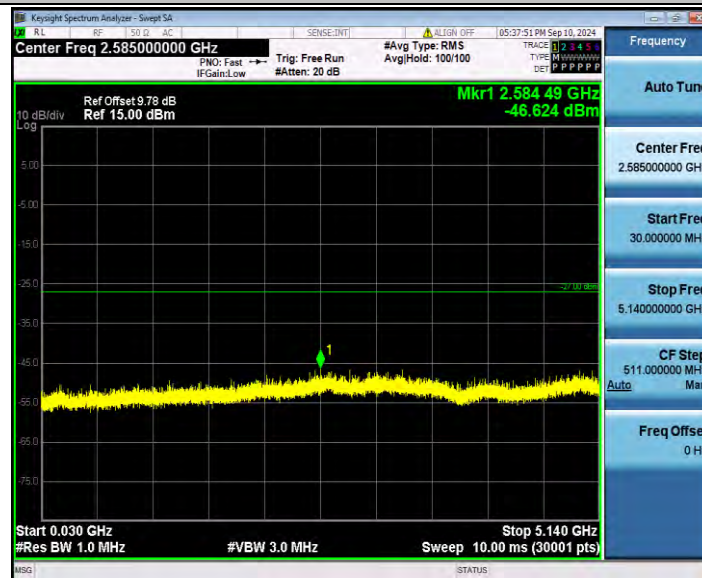
11N40SISO_Ant1_5270_30~5140



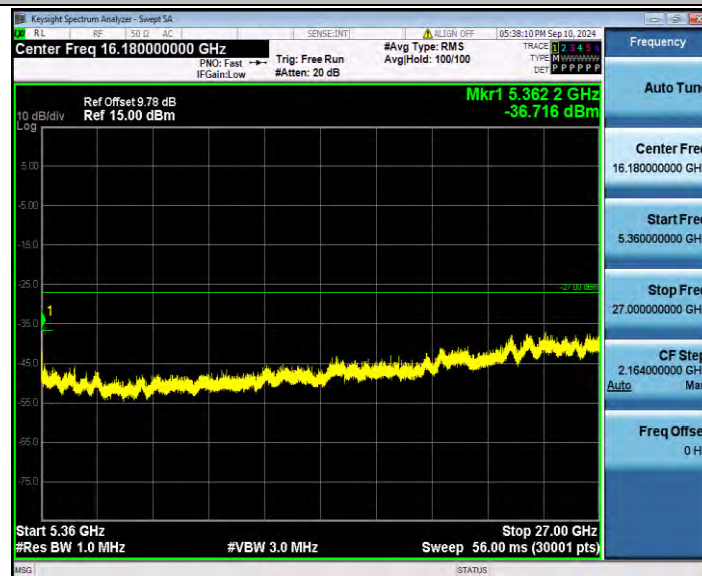
11N40SISO_Ant1_5270_5360~27000



11N40SISO_Ant1_5310_30~5140



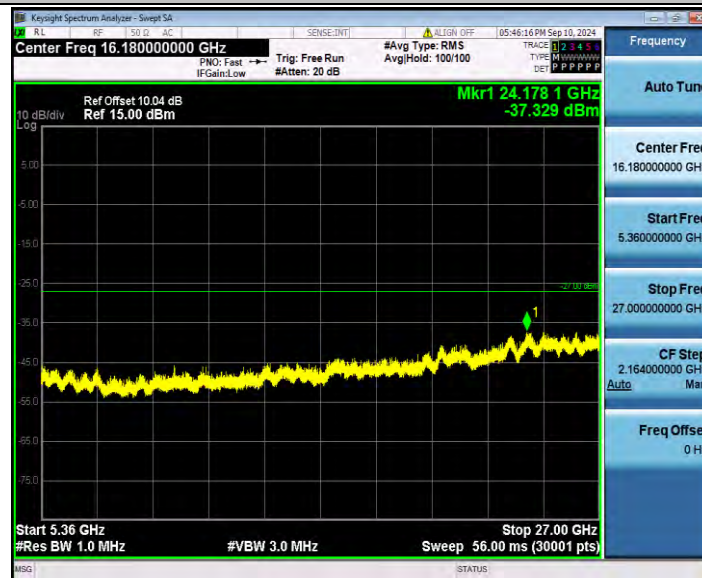
11N40SISO_Ant1_5310_5360~27000



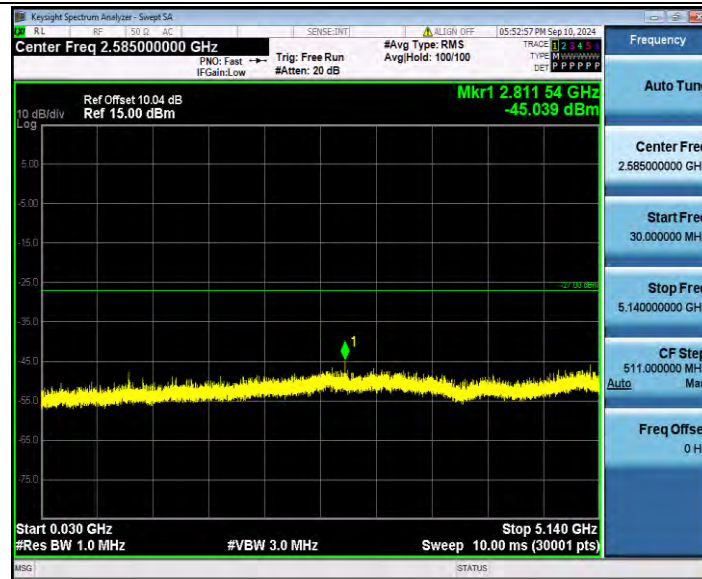
11AC20SISO_Ant1_5260_30~5140



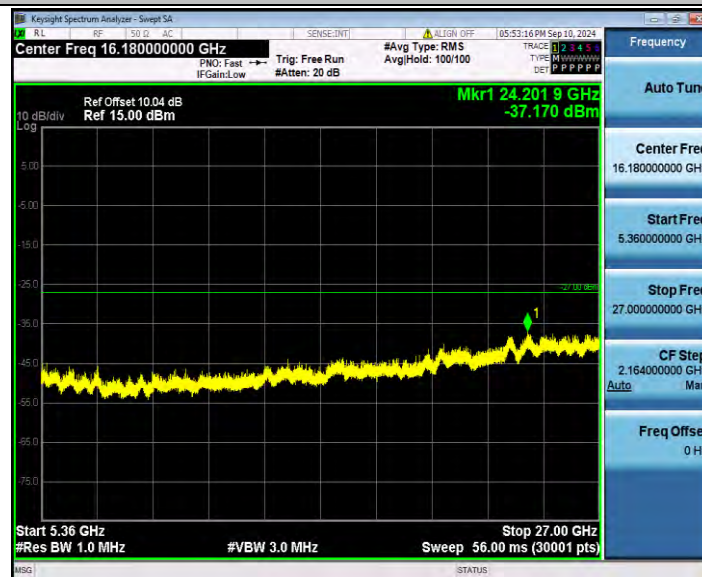
11AC20SISO_Ant1_5260_5360~27000



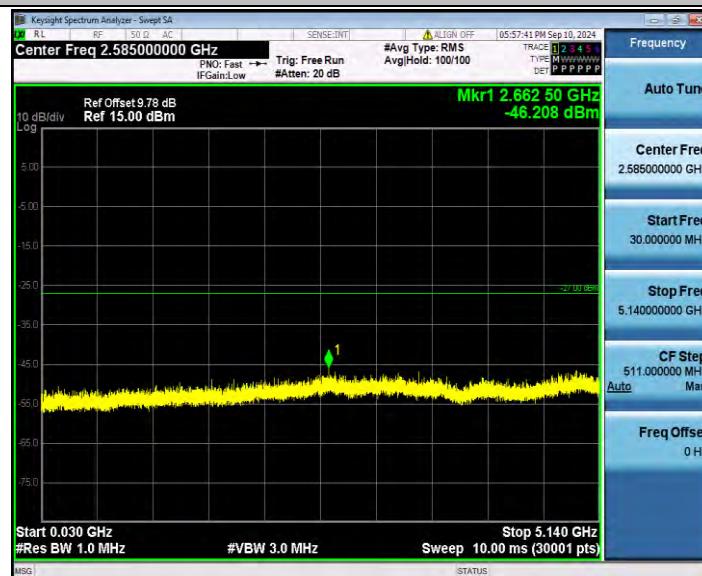
11AC20SISO_Ant1_5280_30~5140

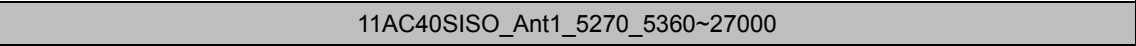
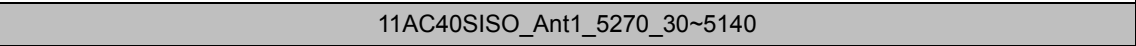


11AC20SISO_Ant1_5280_5360~27000



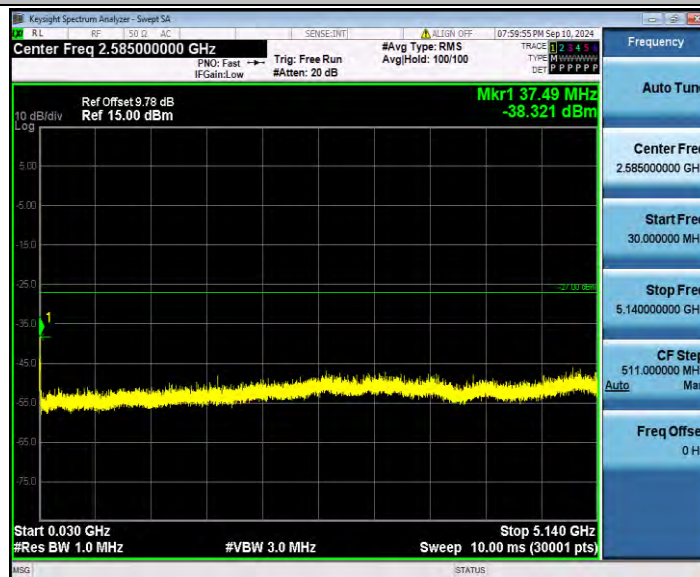
11AC20SISO_Ant1_5320_30~5140



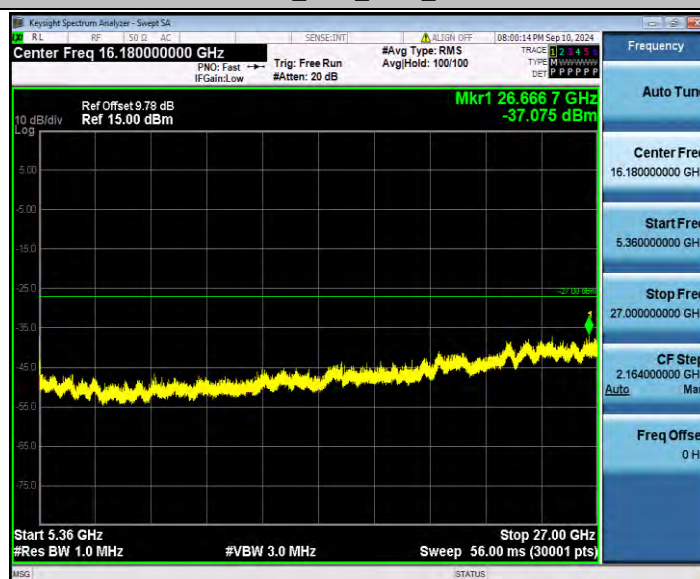




11AC40SISO_Ant1_5310_30~5140



11AC40SISO_Ant1_5310_5360~27000



11AC80SISO_Ant1_5290_30~5140



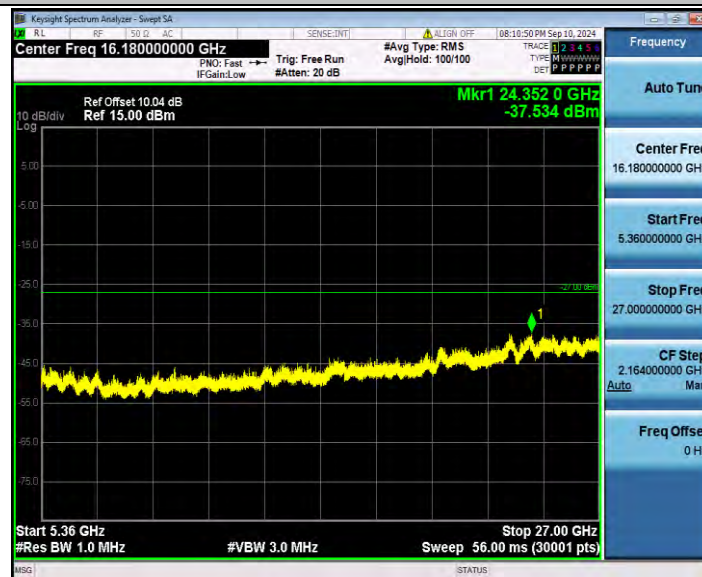
11AC80SISO_Ant1_5290_5360~27000



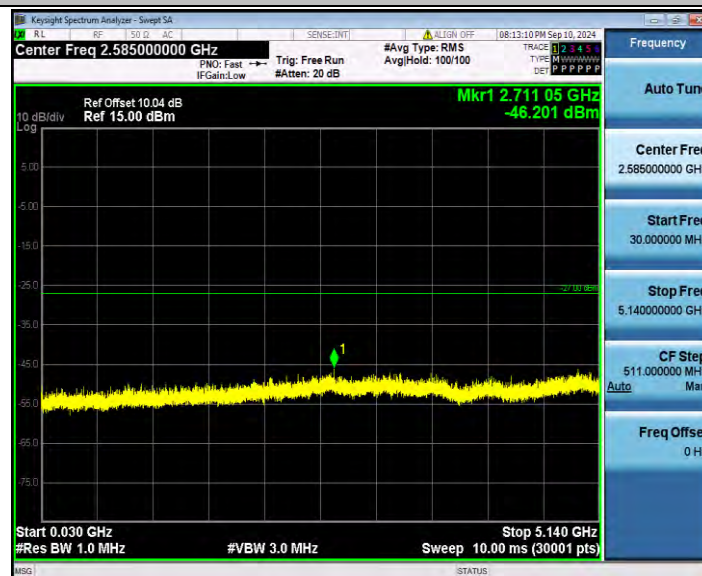
11AX20SISO_Ant1_5260_30~5140



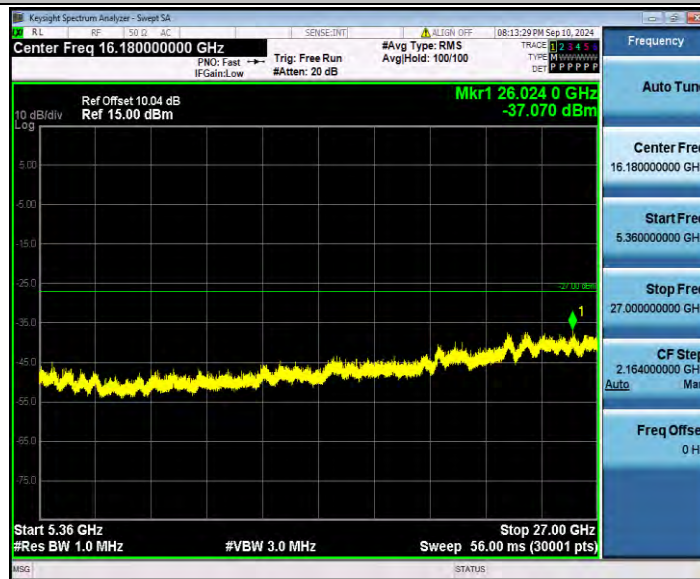
11AX20SISO_Ant1_5260_5360~27000



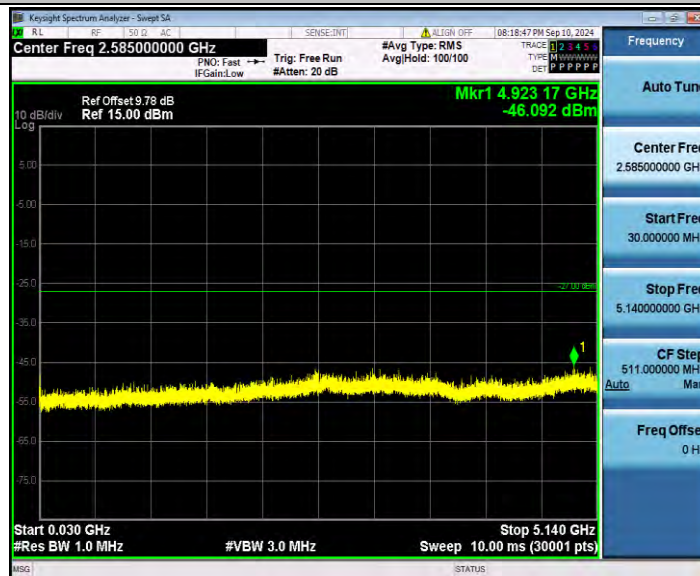
11AX20SISO_Ant1_5280_30~5140



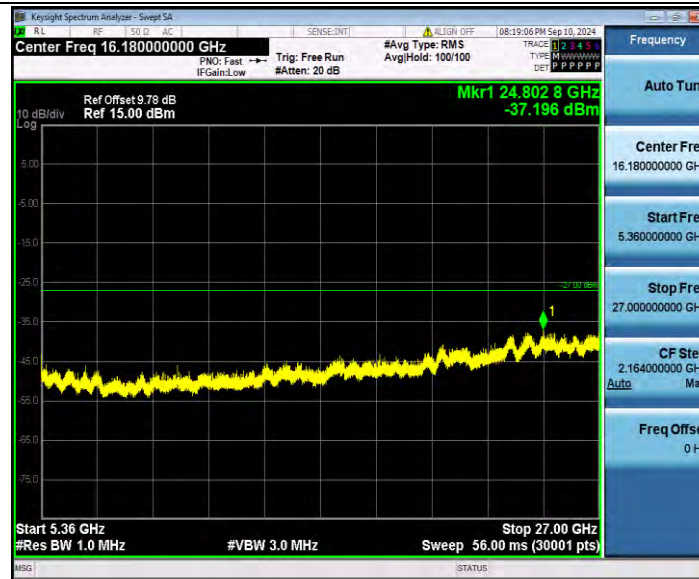
11AX20SISO_Ant1_5280_5360~27000



11AX20SISO_Ant1_5320_30~5140



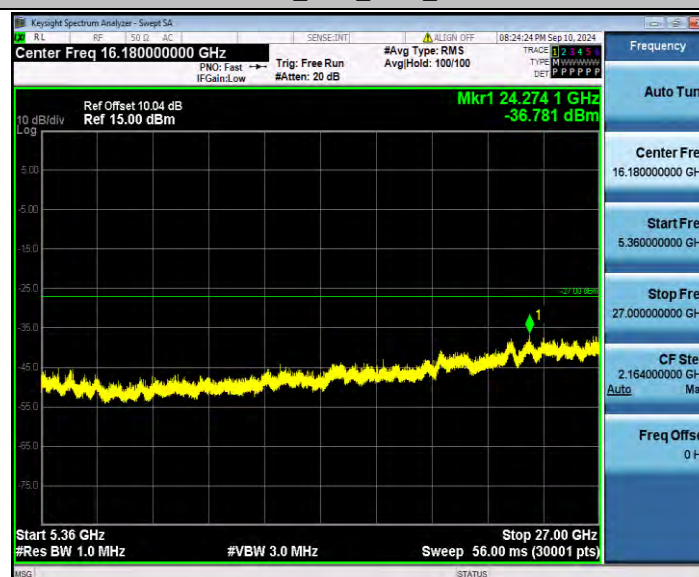
11AX20SISO_Ant1_5320_5360~27000



11AX40SISO_Ant1_5270_30~5140



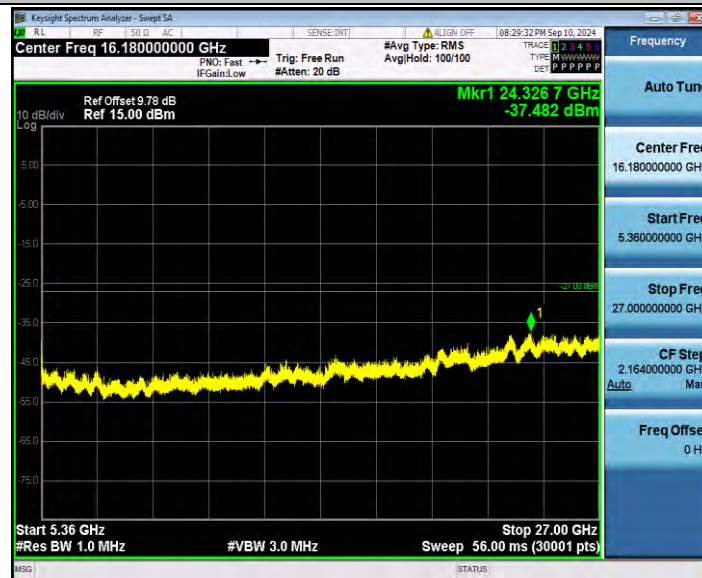
11AX40SISO_Ant1_5270_5360~27000



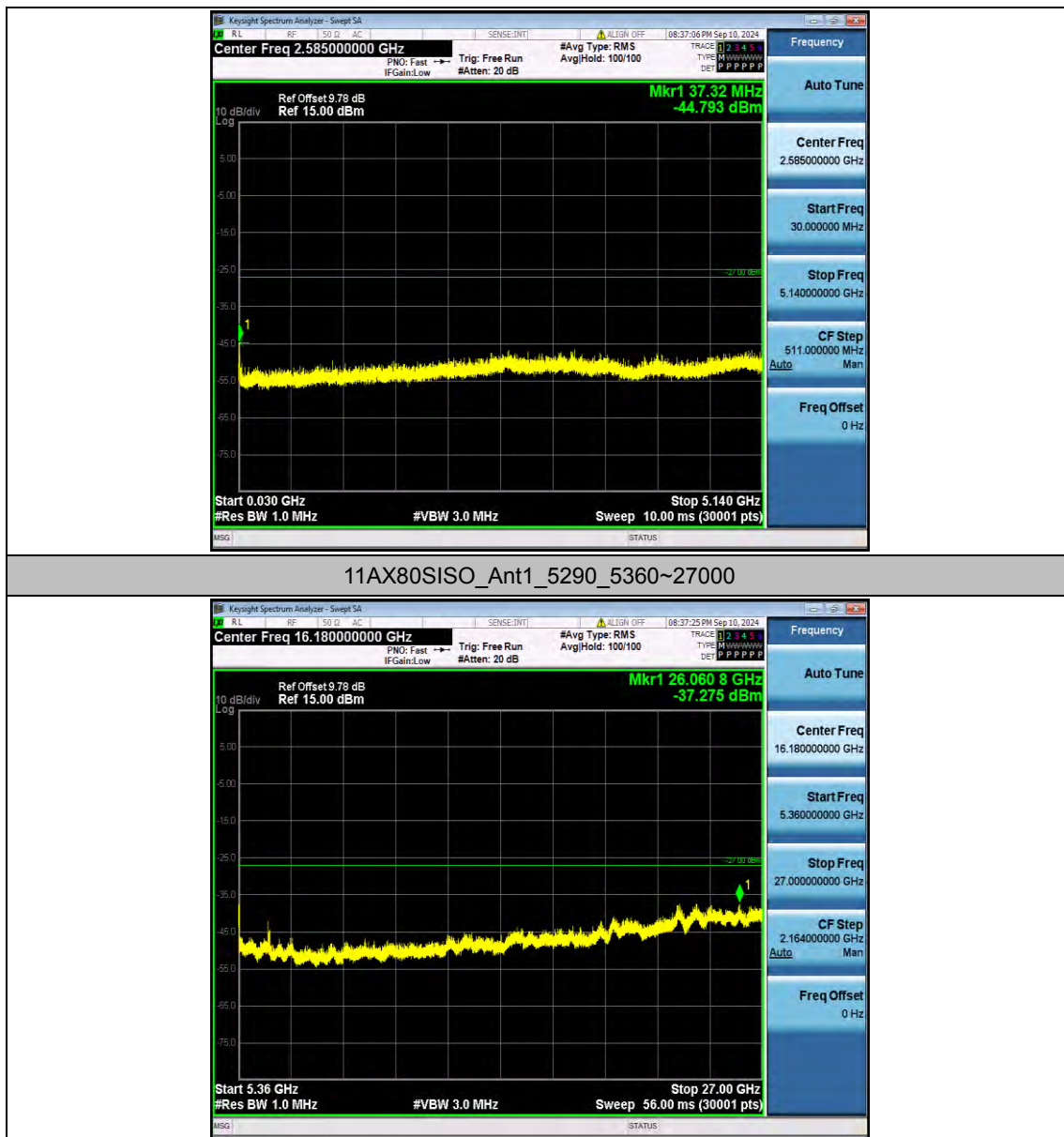
11AX40SISO_Ant1_5310_30~5140



11AX40SISO_Ant1_5310_5360~27000



11AX80SISO_Ant1_5290_30~5140



Appendix E.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	5260	AV	4500.000	-48.07	≤-41.20	47.13	≤54	PASS
				AV	4944.800	-45.77	≤-41.20	49.43	≤54	PASS
				AV	5150.000	-47.31	≤-41.20	47.89	≤54	PASS
				Peak	4500.000	-42.02	≤-21.20	53.18	≤74	PASS
				Peak	4994.400	-36.94	≤-21.20	58.26	≤74	PASS
				Peak	5150.000	-40.94	≤-21.20	54.26	≤74	PASS
		High	5320	AV	5350.000	-46.46	≤-41.20	48.74	≤54	PASS
				AV	5457.600	-46.29	≤-41.20	48.91	≤54	PASS
				AV	5460.000	-46.33	≤-41.20	48.87	≤54	PASS
				Peak	5350.000	-42.31	≤-21.20	52.89	≤74	PASS
				Peak	5383.200	-37.38	≤-21.20	57.82	≤74	PASS
				Peak	5460.000	-41.42	≤-21.20	53.78	≤74	PASS
11N20SIS O	Ant1	Low	5260	AV	4500.000	-48.03	≤-41.20	47.17	≤54	PASS
				AV	4943.200	-45.73	≤-41.20	49.47	≤54	PASS
				AV	5150.000	-47.3	≤-41.20	47.90	≤54	PASS
				Peak	4500.000	-41.9	≤-21.20	53.30	≤74	PASS
				Peak	5024.000	-36.9	≤-21.20	58.30	≤74	PASS
				Peak	5150.000	-40.05	≤-21.20	55.15	≤74	PASS
		High	5320	AV	5350.000	-46.97	≤-41.20	48.23	≤54	PASS
				AV	5458.400	-46.49	≤-41.20	48.71	≤54	PASS
				AV	5460.000	-46.55	≤-41.20	48.65	≤54	PASS
				Peak	5350.000	-39.72	≤-21.20	55.48	≤74	PASS
				Peak	5412.800	-38.15	≤-21.20	57.05	≤74	PASS
				Peak	5460.000	-41.1	≤-21.20	54.10	≤74	PASS
11N40SIS O	Ant1	Low	5270	AV	4500.000	-48.02	≤-41.20	47.18	≤54	PASS
				AV	4949.510	-45.75	≤-41.20	49.45	≤54	PASS
				AV	5150.000	-47.3	≤-41.20	47.90	≤54	PASS
				Peak	4500.000	-42.3	≤-21.20	52.90	≤74	PASS
				Peak	4964.520	-36.91	≤-21.20	58.29	≤74	PASS
				Peak	5150.000	-40.73	≤-21.20	54.47	≤74	PASS
		High	5310	AV	5350.000	-46.31	≤-41.20	48.89	≤54	PASS
				AV	5460.000	-46.56	≤-41.20	48.64	≤54	PASS
				Peak	5350.000	-38.27	≤-21.20	56.93	≤74	PASS
				Peak	5354.000	-32.91	≤-21.20	62.29	≤74	PASS
				Peak	5460.000	-39.33	≤-21.20	55.87	≤74	PASS
11AC20SI	Ant1	Low	5260	AV	4500.000	-48.01	≤-41.20	47.19	≤54	PASS

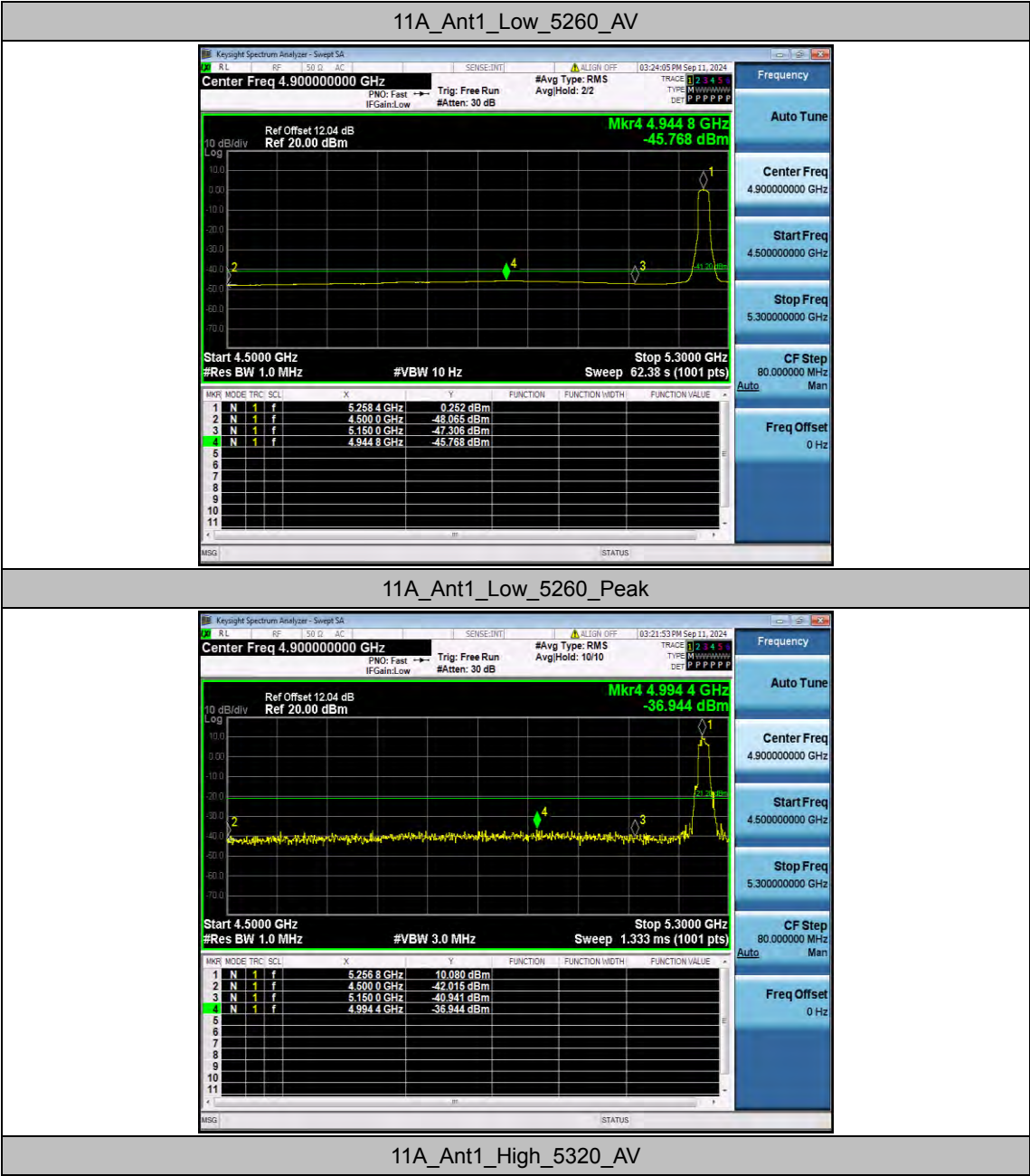
SO				AV	4942.400	-45.74	≤-41.20	49.46	≤54	PASS
				AV	5150.000	-47.28	≤-41.20	47.92	≤54	PASS
				Peak	4500.000	-40	≤-21.20	55.20	≤74	PASS
				Peak	5046.400	-34.76	≤-21.20	60.44	≤74	PASS
				Peak	5150.000	-42.03	≤-21.20	53.17	≤74	PASS
		High	5320	AV	5350.000	-46.95	≤-41.20	48.25	≤54	PASS
				AV	5457.600	-46.5	≤-41.20	48.70	≤54	PASS
				AV	5460.000	-46.53	≤-41.20	48.67	≤54	PASS
				Peak	5350.000	-41.86	≤-21.20	53.34	≤74	PASS
				Peak	5354.400	-38.03	≤-21.20	57.17	≤74	PASS
				Peak	5460.000	-43.16	≤-21.20	52.04	≤74	PASS
11AC40SI SO	Ant1	Low	5270	AV	4500.000	-48.03	≤-41.20	47.17	≤54	PASS
				AV	4943.980	-45.72	≤-41.20	49.48	≤54	PASS
				AV	5150.000	-47.28	≤-41.20	47.92	≤54	PASS
				Peak	4500.000	-39.8	≤-21.20	55.40	≤74	PASS
				Peak	5088.550	-36.78	≤-21.20	58.42	≤74	PASS
				Peak	5150.000	-42.89	≤-21.20	52.31	≤74	PASS
		High	5310	AV	5350.000	-46.13	≤-41.20	49.07	≤54	PASS
				AV	5460.000	-46.51	≤-41.20	48.69	≤54	PASS
				Peak	5350.000	-39.47	≤-21.20	55.73	≤74	PASS
				Peak	5424.400	-37.13	≤-21.20	58.07	≤74	PASS
				Peak	5460.000	-40.21	≤-21.20	54.99	≤74	PASS
11AC80SI SO	Ant1	Low	5290	AV	4500.000	-48.17	≤-41.20	47.03	≤54	PASS
				AV	4943.610	-45.88	≤-41.20	49.32	≤54	PASS
				AV	5150.000	-47.4	≤-41.20	47.80	≤54	PASS
				Peak	4500.000	-43.15	≤-21.20	52.05	≤74	PASS
				Peak	5000.850	-35.63	≤-21.20	59.57	≤74	PASS
				Peak	5150.000	-42.41	≤-21.20	52.79	≤74	PASS
		High	5290	AV	5350.000	-46.43	≤-41.20	48.77	≤54	PASS
				AV	5372.800	-46.36	≤-41.20	48.84	≤54	PASS
				AV	5460.000	-46.45	≤-41.20	48.75	≤54	PASS
				Peak	5350.000	-42.62	≤-21.20	52.58	≤74	PASS
				Peak	5352.000	-32.74	≤-21.20	62.46	≤74	PASS
				Peak	5460.000	-43.02	≤-21.20	52.18	≤74	PASS
11AX20SI SO	Ant1	Low	5260	AV	4500.000	-47.91	≤-41.20	47.29	≤54	PASS
				AV	4944.800	-45.6	≤-41.20	49.60	≤54	PASS
				AV	5150.000	-47.19	≤-41.20	48.01	≤54	PASS
				Peak	4500.000	-42.33	≤-21.20	52.87	≤74	PASS
				Peak	4958.400	-36.63	≤-21.20	58.57	≤74	PASS
				Peak	5150.000	-43.29	≤-21.20	51.91	≤74	PASS
		High	5320	AV	5350.000	-46.81	≤-41.20	48.39	≤54	PASS
				AV	5457.600	-46.38	≤-41.20	48.82	≤54	PASS
				AV	5460.000	-46.47	≤-41.20	48.73	≤54	PASS

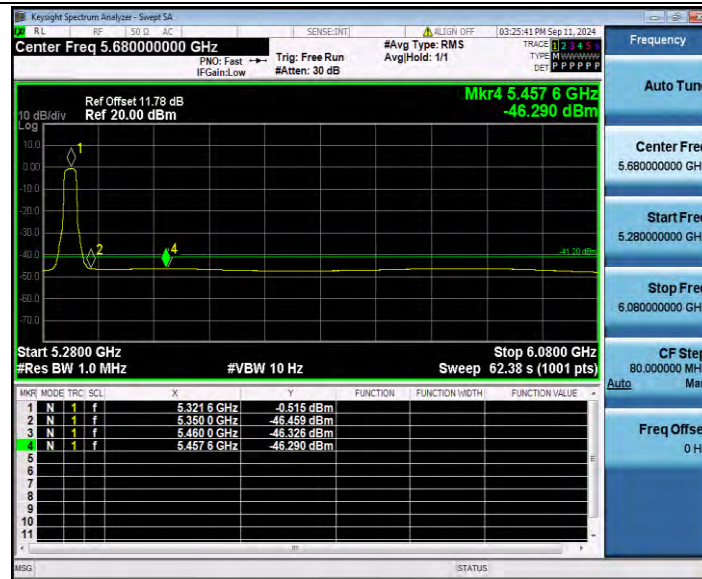
				Peak	5350.000	-41.96	≤ -21.20	53.24	≤ 74	PASS
				Peak	5417.600	-37.2	≤ -21.20	58.00	≤ 74	PASS
				Peak	5460.000	-39.48	≤ -21.20	55.72	≤ 74	PASS
11AX40SI SO	Ant1	Low	5270	AV	4500.000	-47.92	≤ -41.20	47.28	≤ 54	PASS
				AV	4947.140	-45.63	≤ -41.20	49.57	≤ 54	PASS
				AV	5150.000	-47.21	≤ -41.20	47.99	≤ 54	PASS
				Peak	4500.000	-42	≤ -21.20	53.20	≤ 74	PASS
				Peak	5026.140	-35.78	≤ -21.20	59.42	≤ 74	PASS
				Peak	5150.000	-40.87	≤ -21.20	54.33	≤ 74	PASS
		High	5310	AV	5350.000	-46.16	≤ -41.20	49.04	≤ 54	PASS
				AV	5460.000	-46.44	≤ -41.20	48.76	≤ 54	PASS
				Peak	5350.000	-38.36	≤ -21.20	56.84	≤ 74	PASS
				Peak	5366.800	-37.08	≤ -21.20	58.12	≤ 74	PASS
				Peak	5460.000	-39.5	≤ -21.20	55.70	≤ 74	PASS
11AX80SI SO	Ant1	Low	5290	AV	4500.000	-48.16	≤ -41.20	47.04	≤ 54	PASS
				AV	4943.610	-45.89	≤ -41.20	49.31	≤ 54	PASS
				AV	5150.000	-47.42	≤ -41.20	47.78	≤ 54	PASS
				Peak	4500.000	-39.98	≤ -21.20	55.22	≤ 74	PASS
				Peak	4915.785	-36.65	≤ -21.20	58.55	≤ 74	PASS
				Peak	5150.000	-43.19	≤ -21.20	52.01	≤ 74	PASS
		High	5290	AV	5350.000	-46.5	≤ -41.20	48.70	≤ 54	PASS
				AV	5373.000	-46.37	≤ -41.20	48.83	≤ 54	PASS
				AV	5460.000	-46.47	≤ -41.20	48.73	≤ 54	PASS
				Peak	5350.000	-40.32	≤ -21.20	54.88	≤ 74	PASS
				Peak	5378.800	-35.46	≤ -21.20	59.74	≤ 74	PASS
				Peak	5460.000	-41.96	≤ -21.20	53.24	≤ 74	PASS

Note:

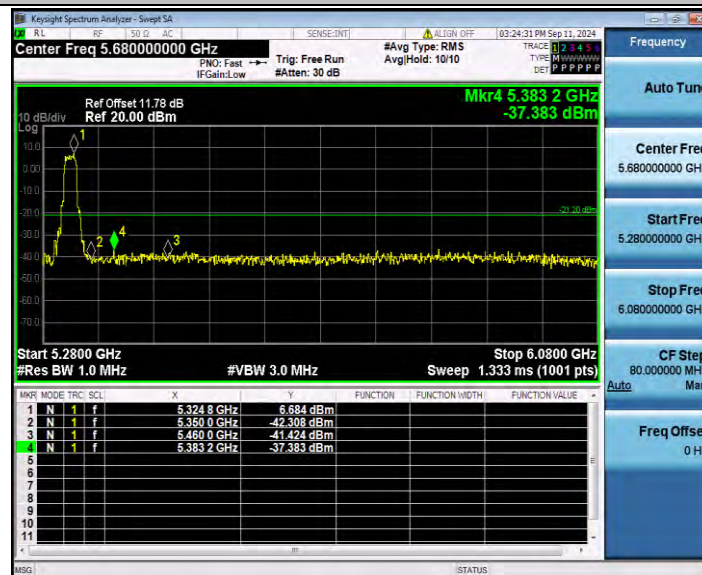
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

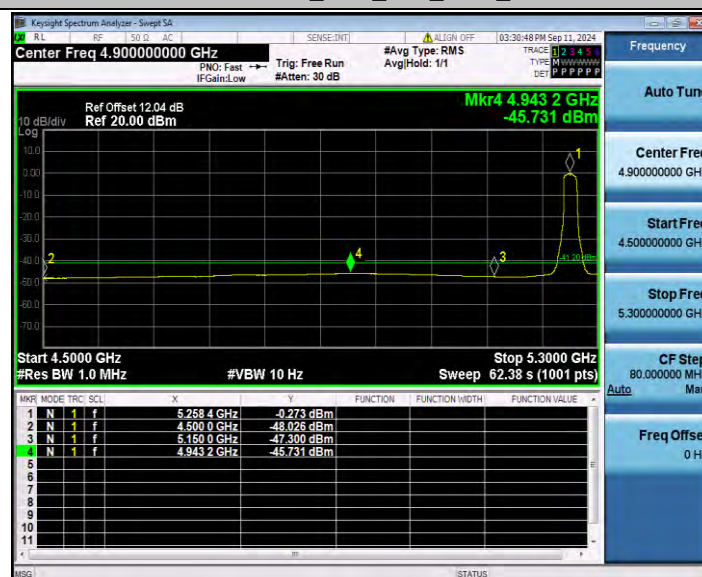




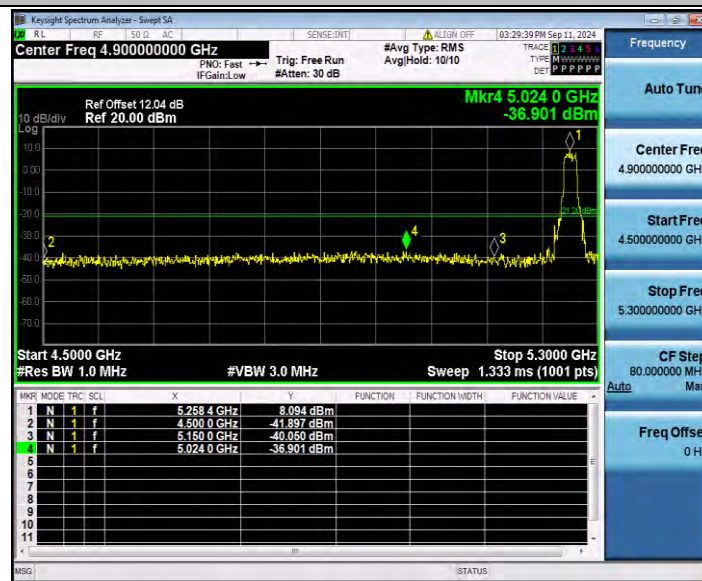
11A_Ant1_High_5320_Peak



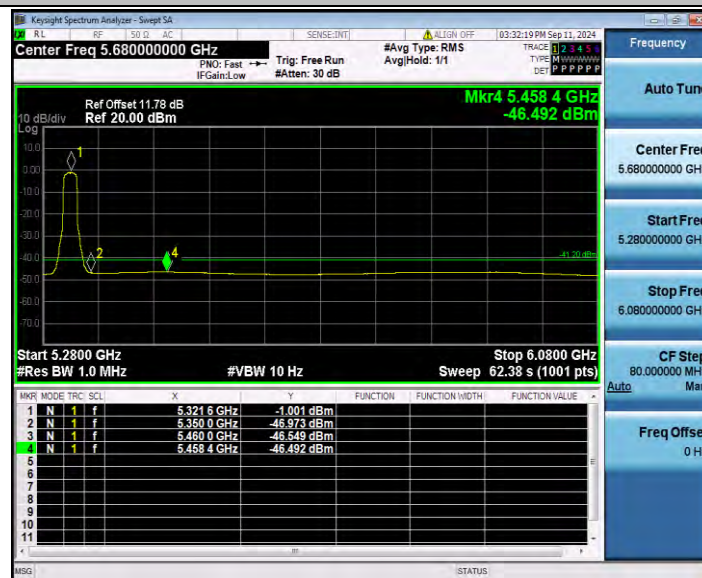
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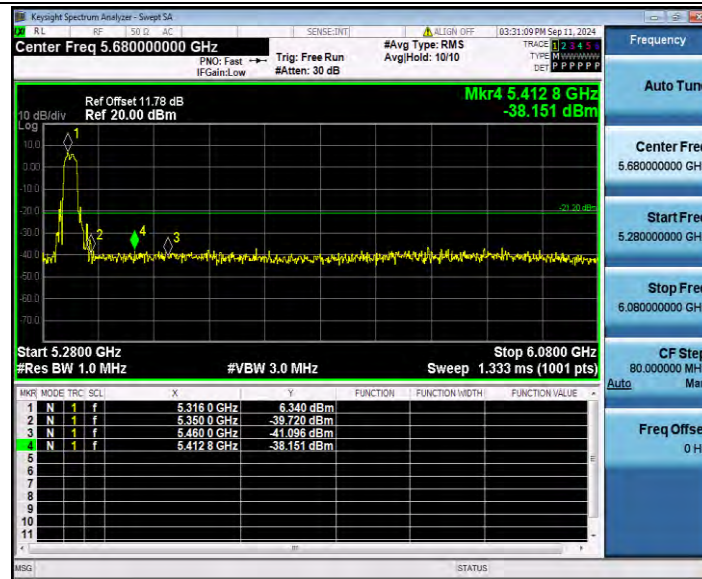
11N20SISO_Ant1_Low_5260_Peak



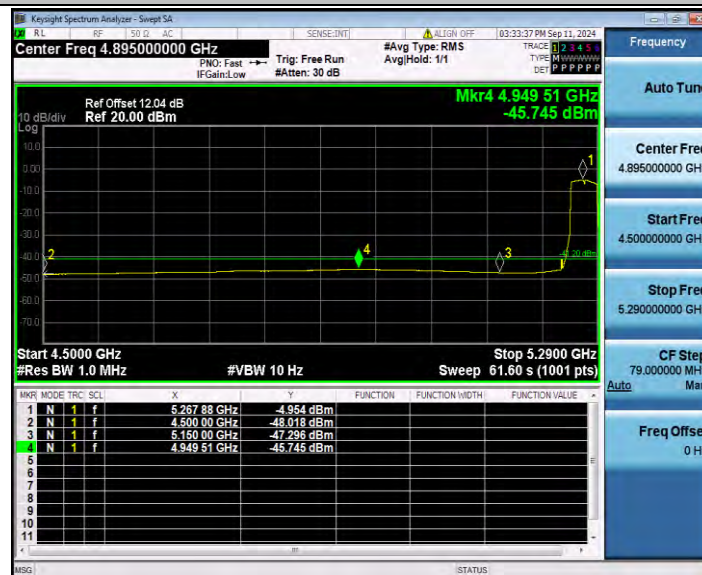
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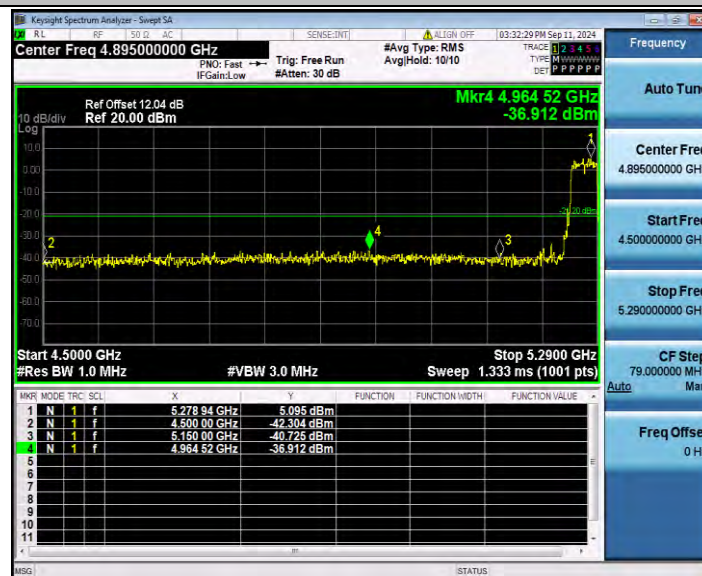
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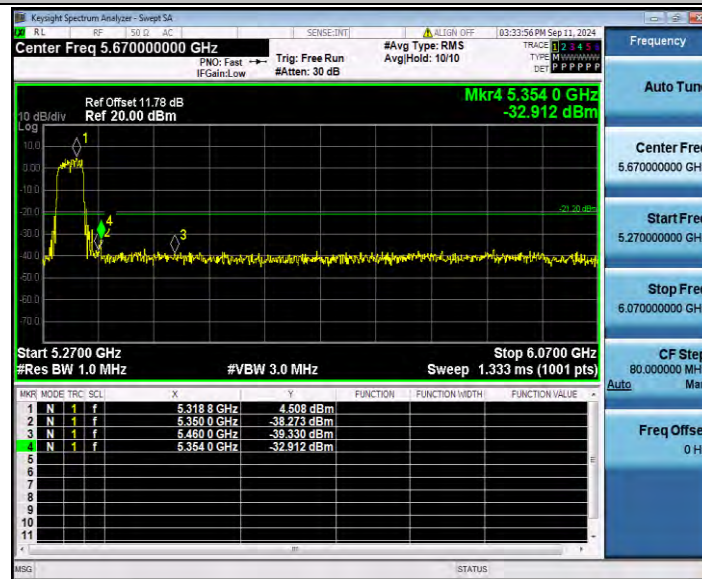
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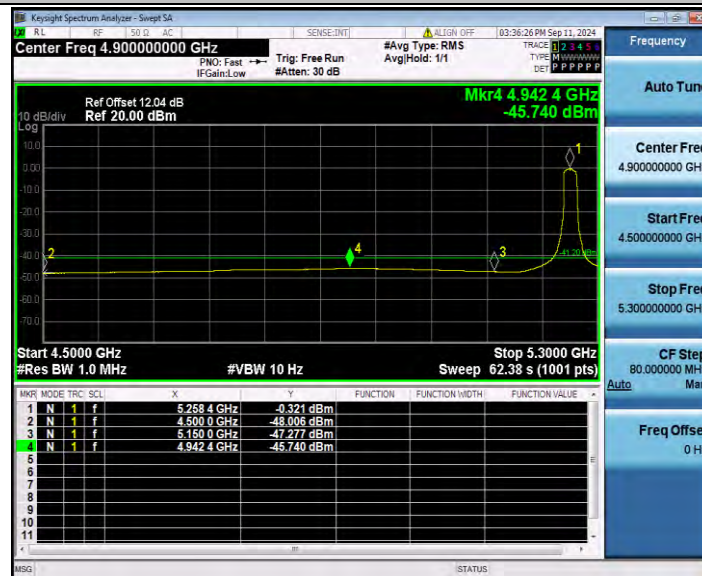
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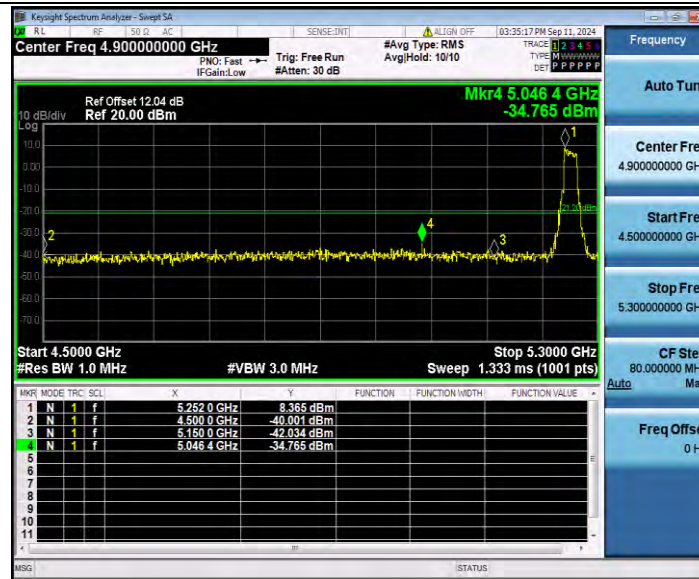
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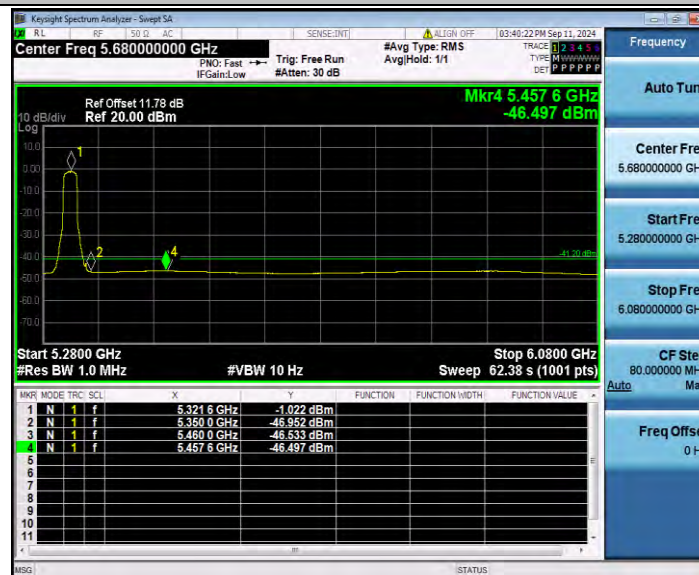
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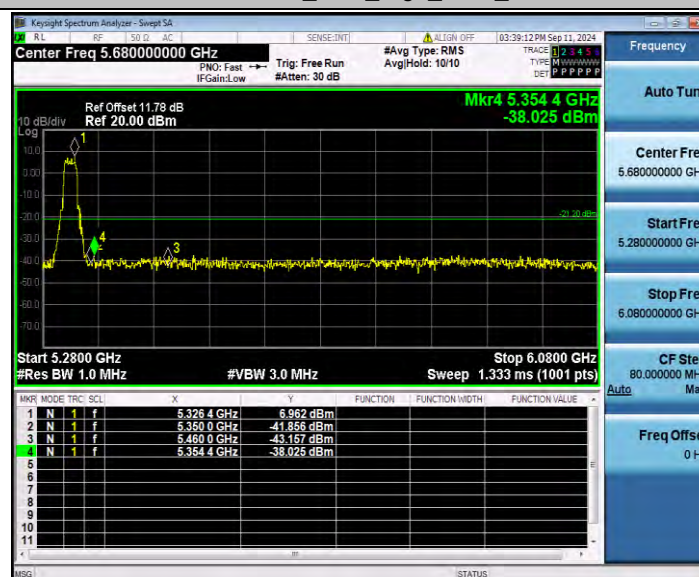
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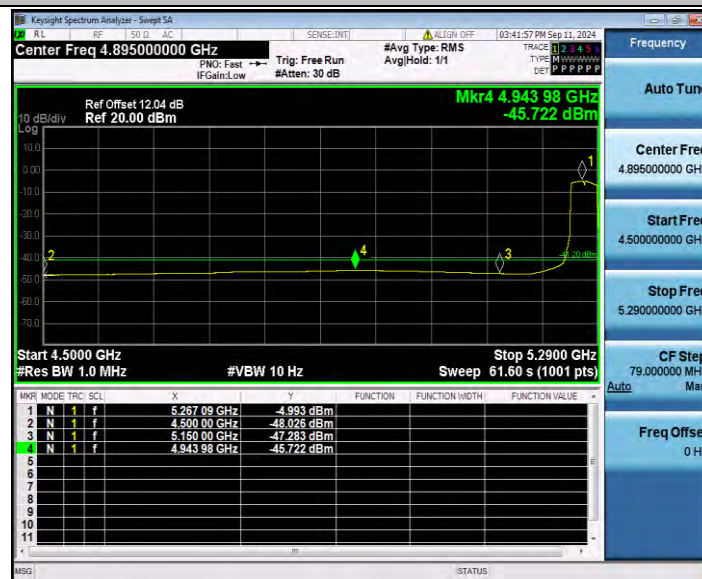
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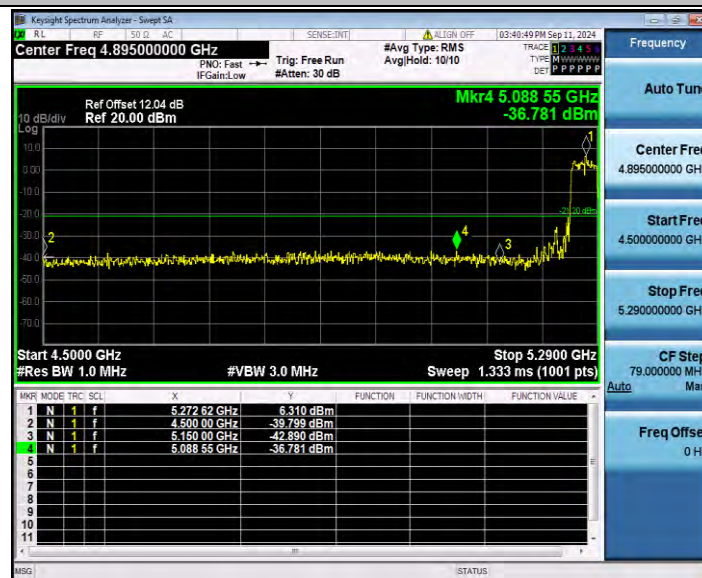
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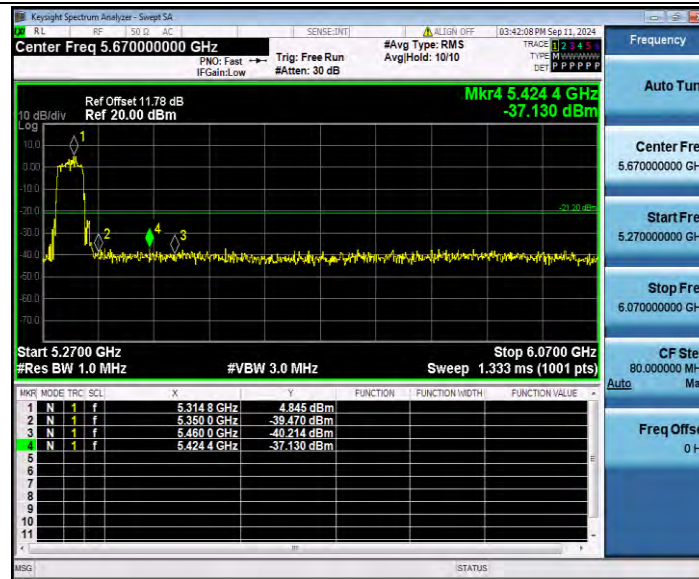
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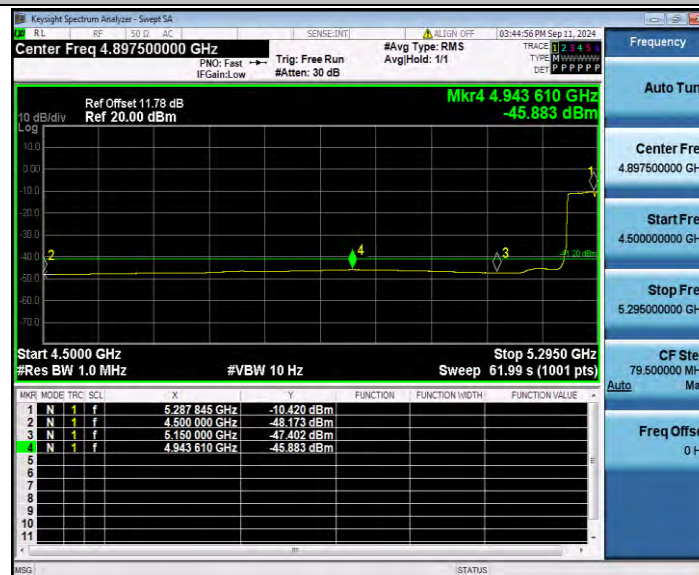
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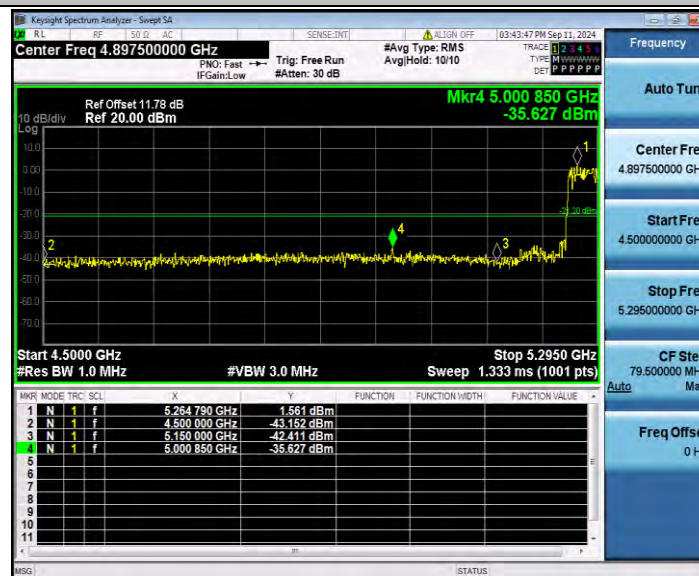
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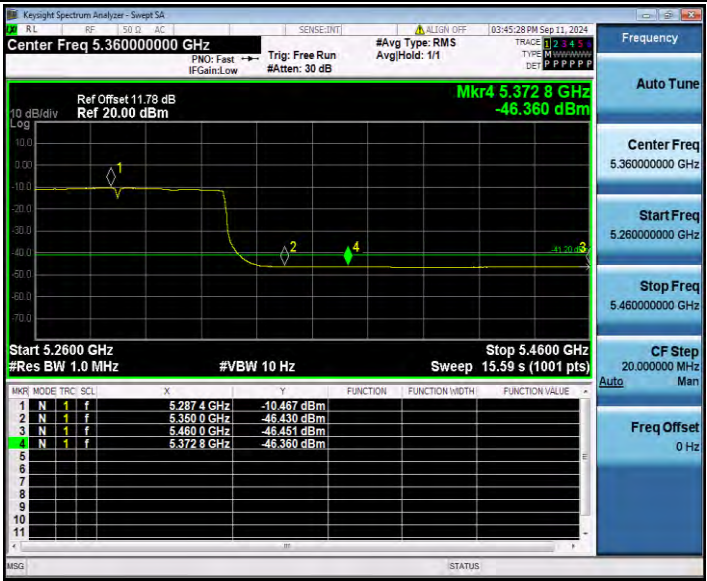
11AC80SISO_Ant1_Low_5290_AV



11AC80SISO_Ant1_Low_5290_Peak



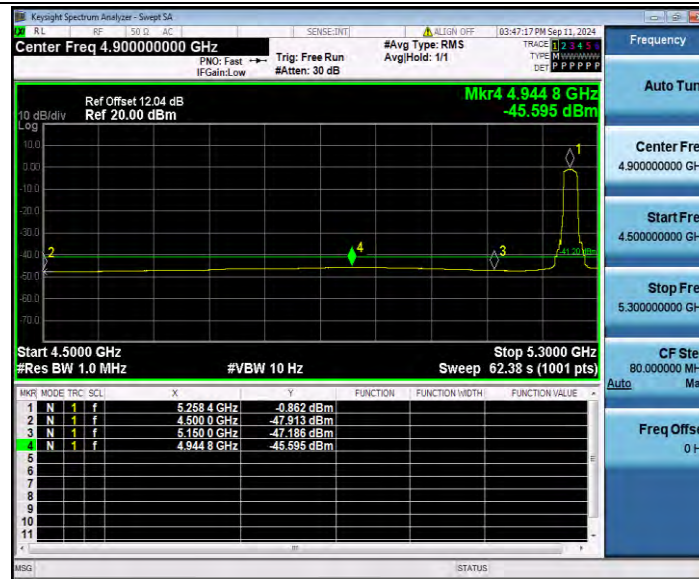
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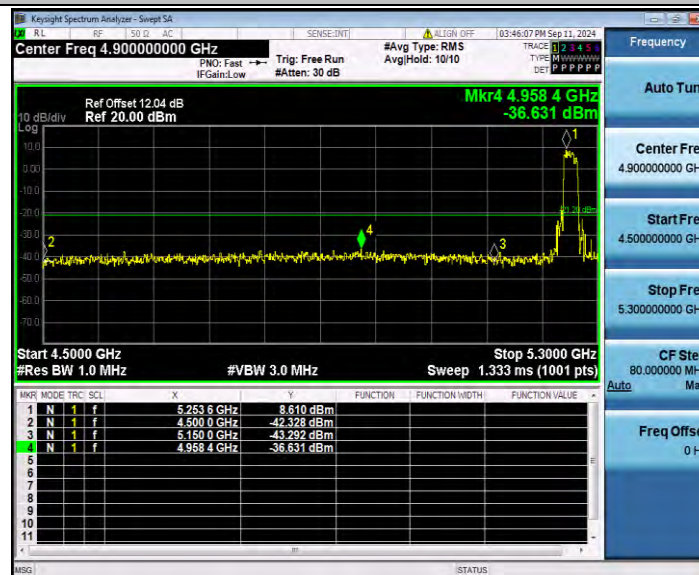
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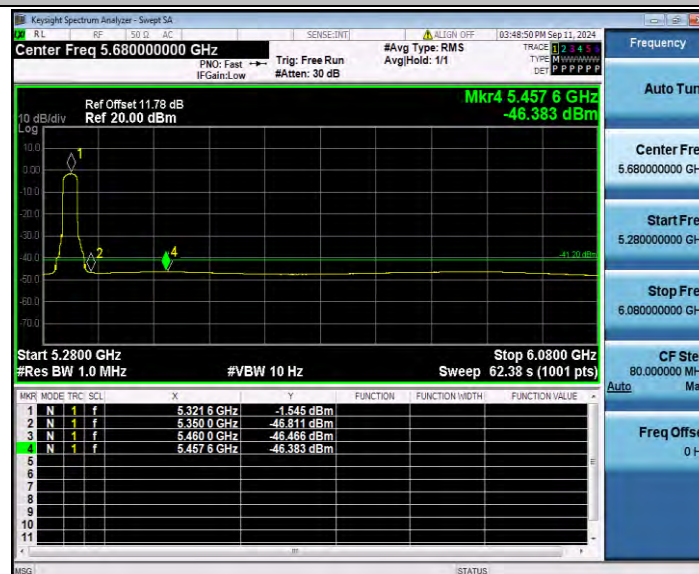
11AX20SISO_Ant1_Low_5260_AV



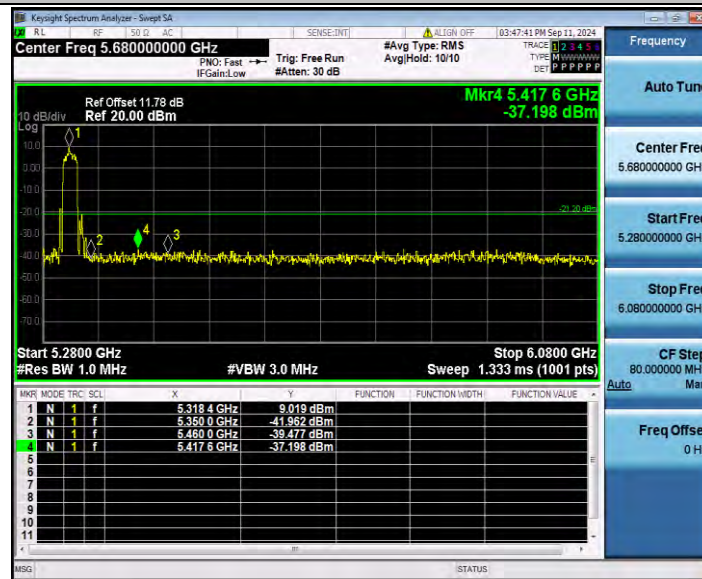
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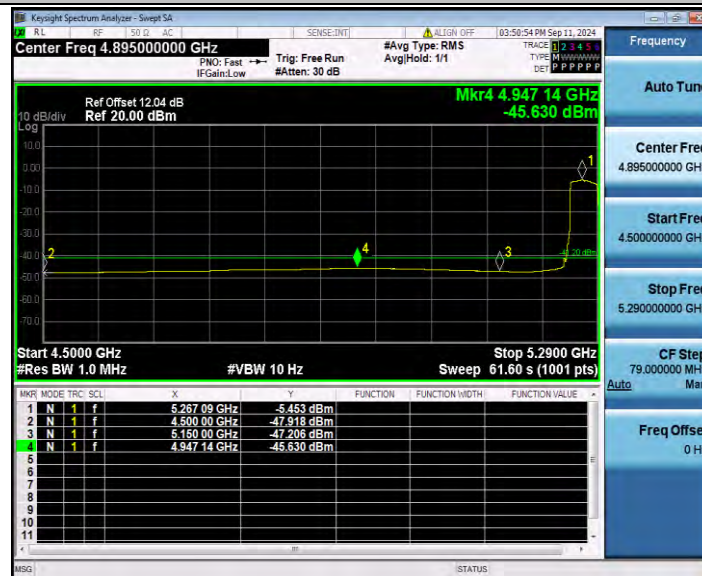
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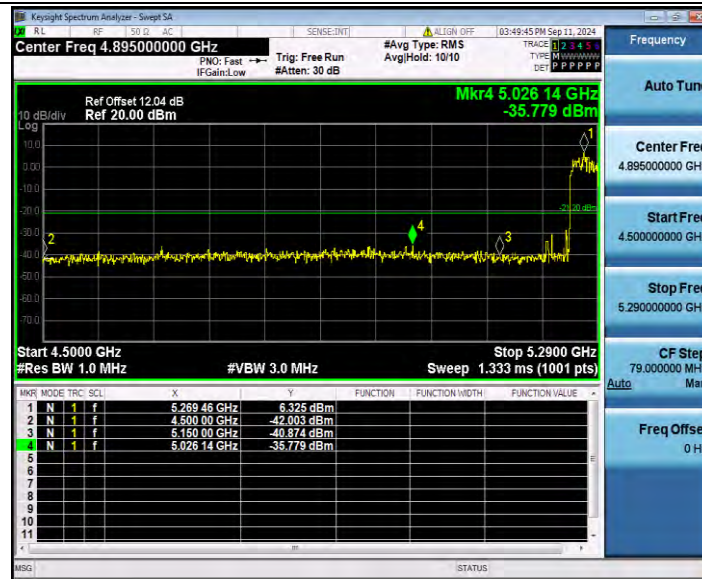
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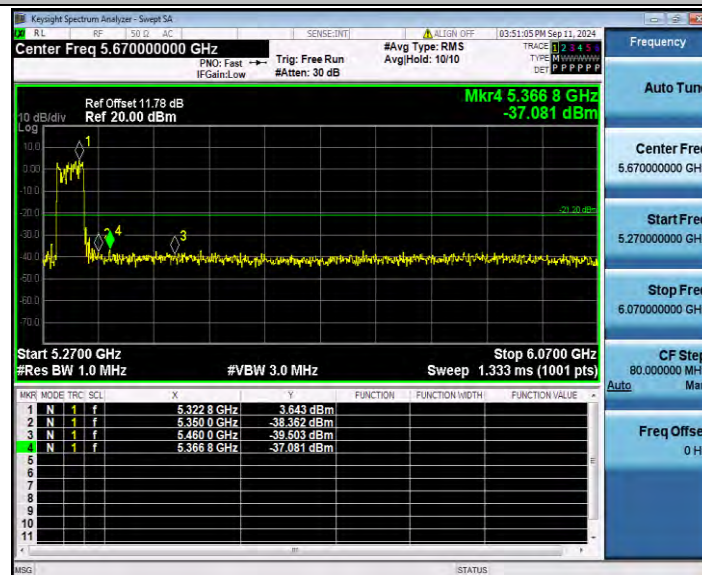
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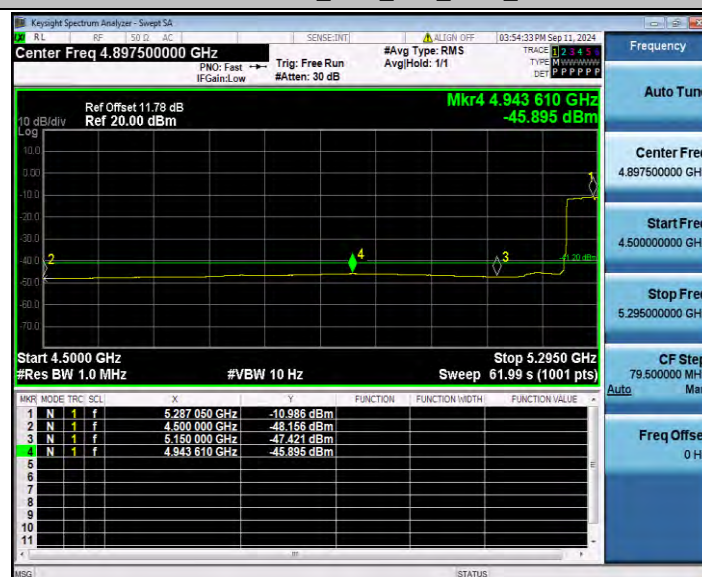
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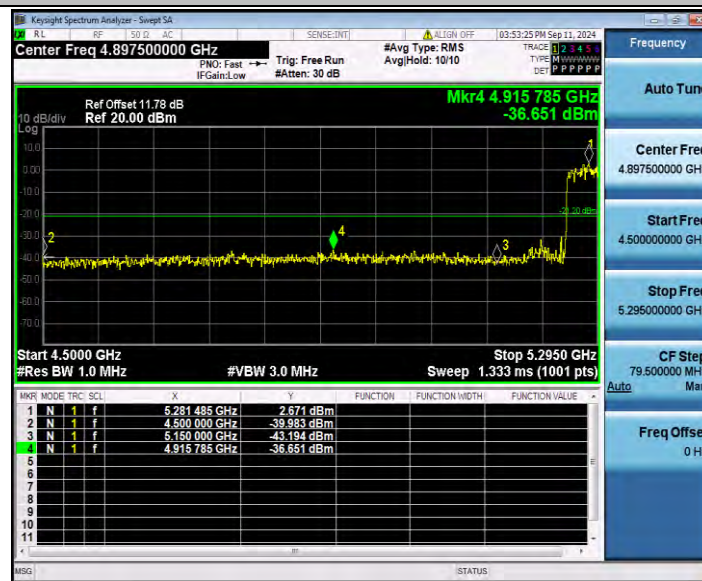
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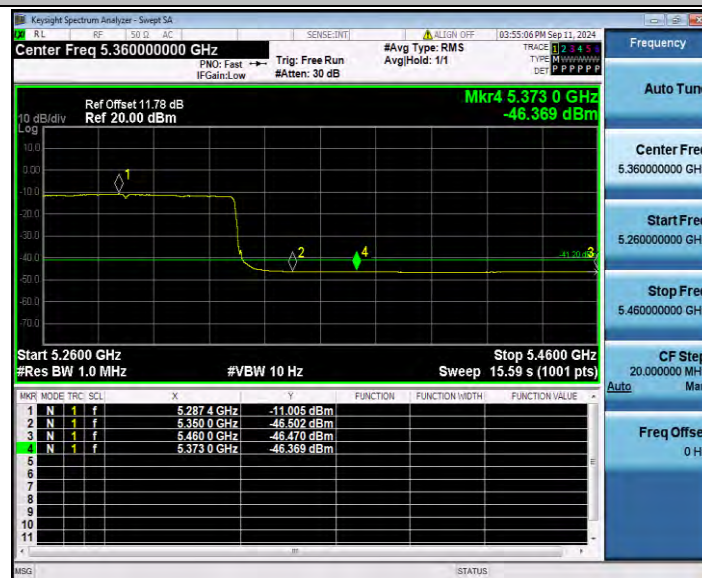
11AX80ISO_Ant1_Low_5290_AV



11AX80SISO_Ant1_Low_5290_Peak



11AX80SISO_Ant1_High_5290_AV



11AX80SISO_Ant1_High_5290_Peak

