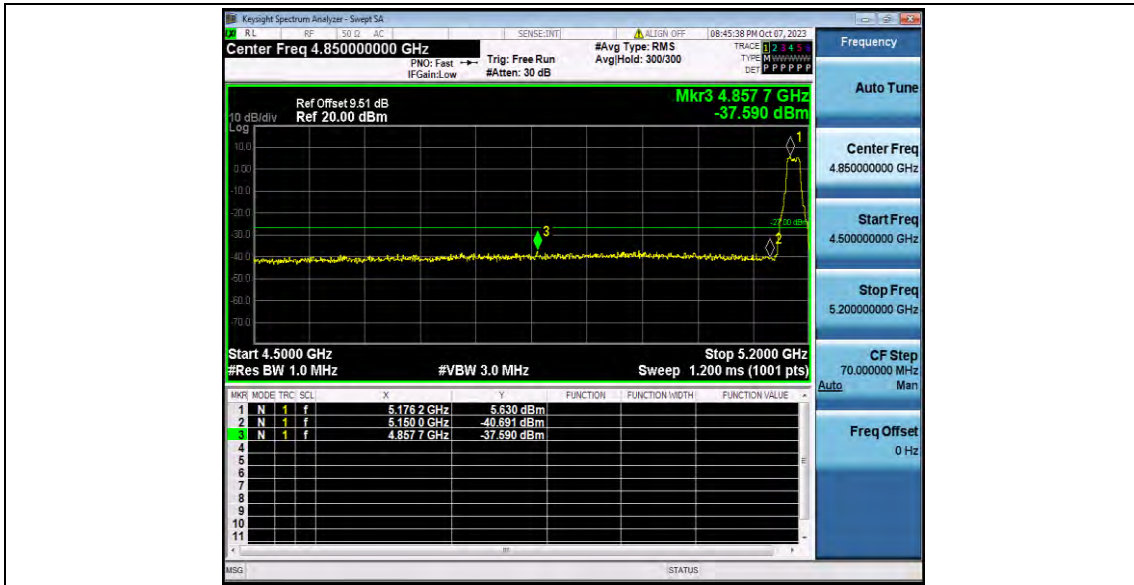


Appendix D.6: Band edge measurements

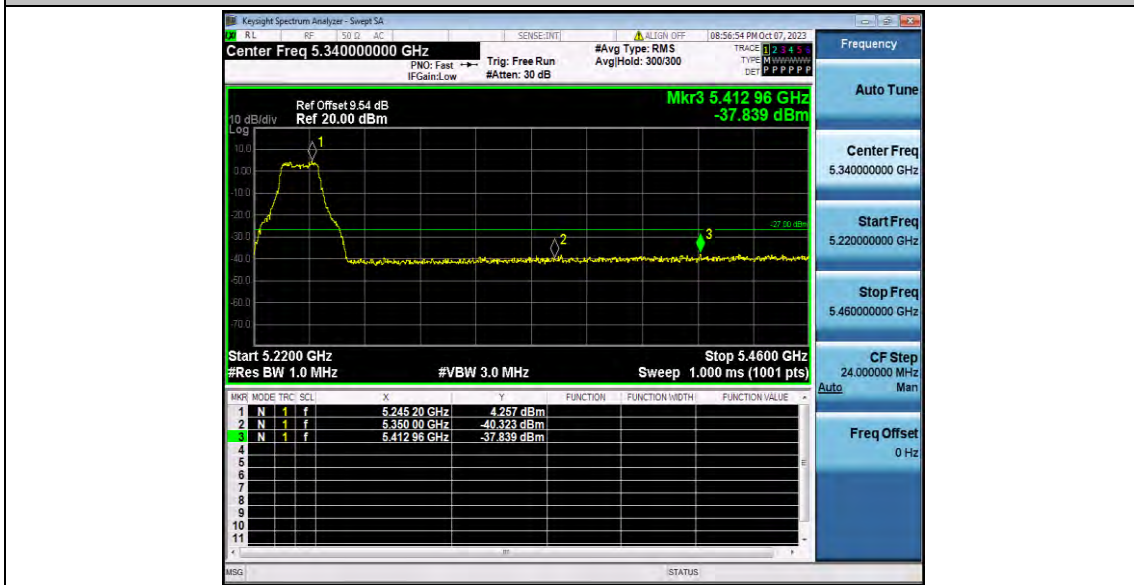
Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.59	≤ -27	PASS
		High	5240	-37.84	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-35.06	≤ -27	PASS
		High	5240	-37.25	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-35.88	≤ -27	PASS
		High	5230	-37.39	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.56	≤ -27	PASS
		High	5240	-36.67	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-33.81	≤ -27	PASS
		High	5230	-37.76	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-36.34	≤ -27	PASS
		High	5240	-37.19	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-37.23	≤ -27	PASS
		High	5230	-37.89	≤ -27	PASS

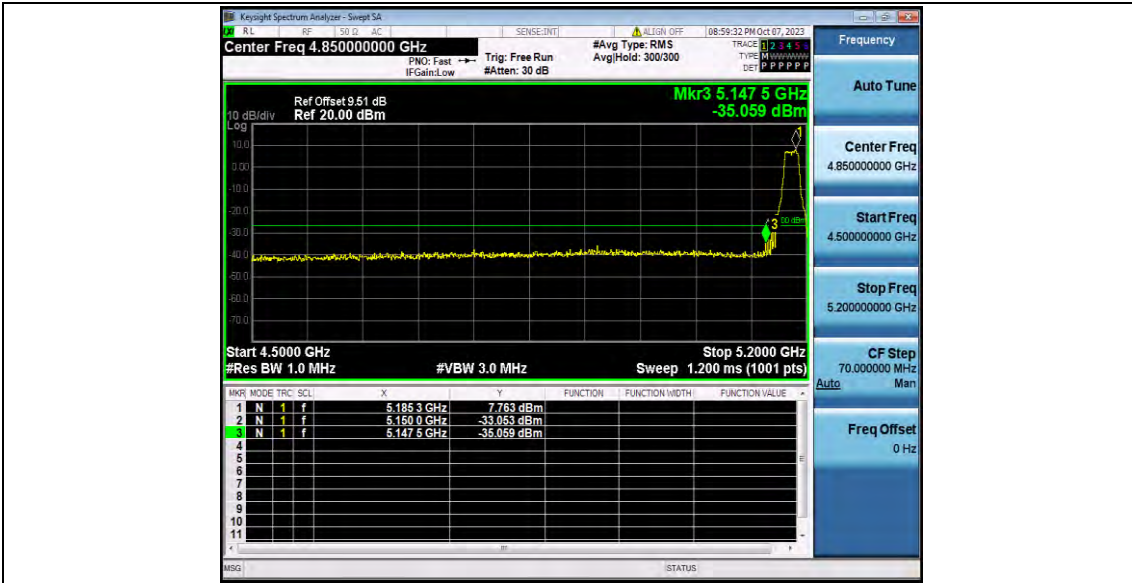
Test Graphs B1



11A_Ant1_Low_5180



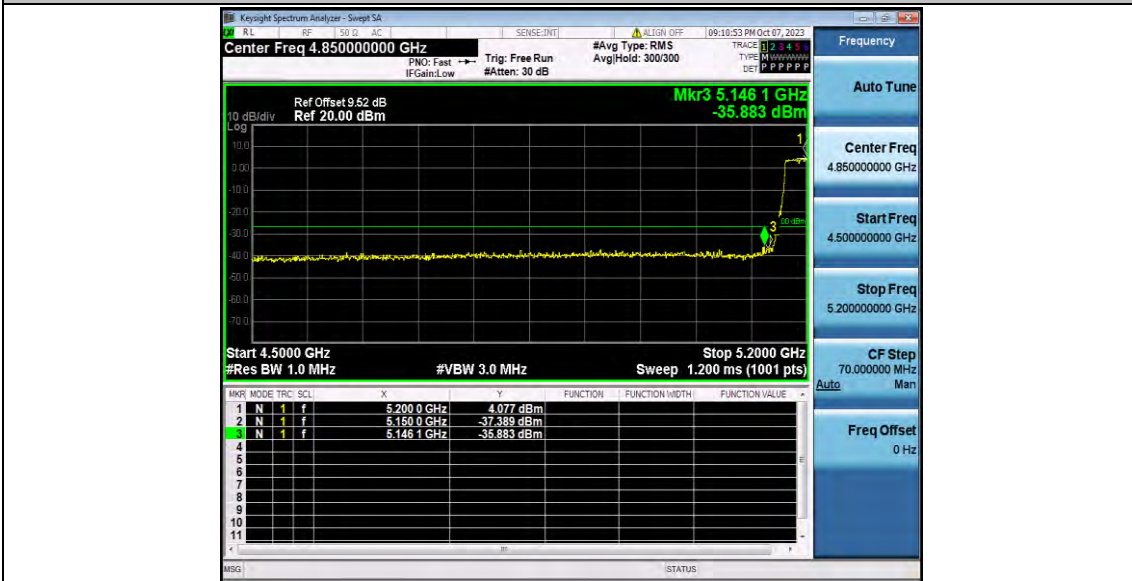
11A_Ant1_High_5240



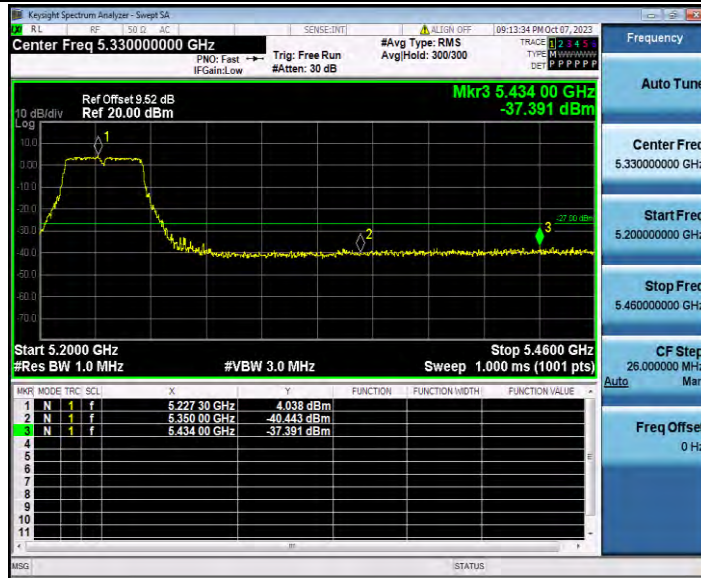
11N20SISO_Ant1_Low_5180



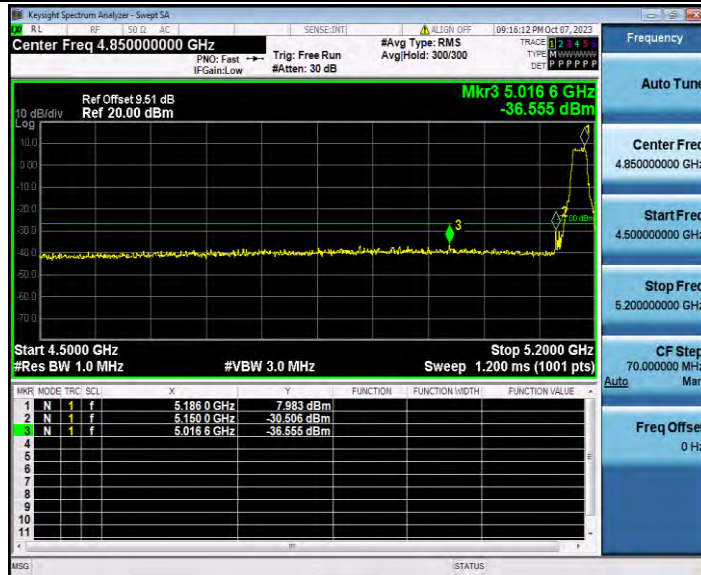
11N20SISO_Ant1_High_5240



11N40SISO_Ant1_Low_5190



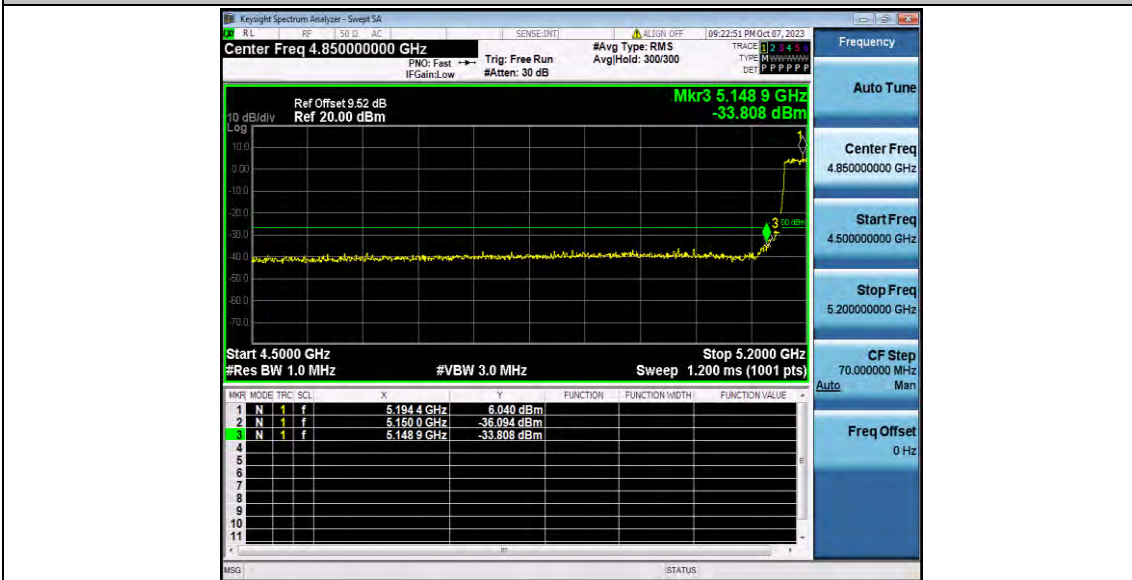
11N40SISO_Ant1_High_5230



11AC20SISO_Ant1_Low_5180



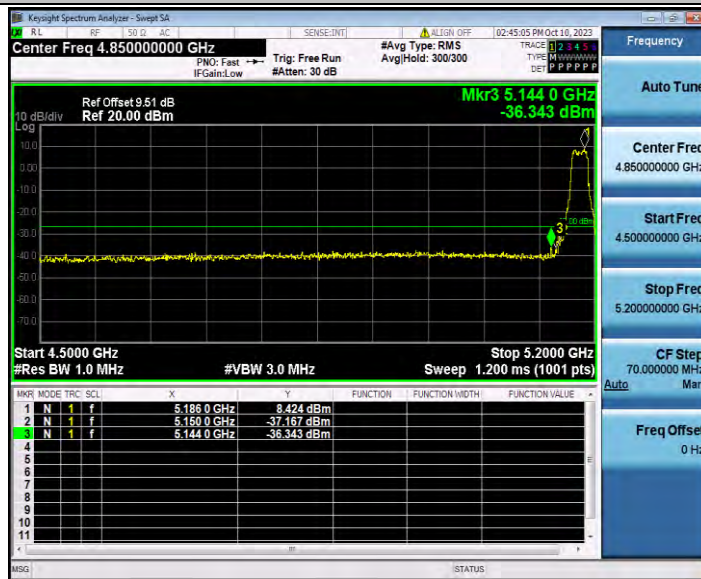
11AC20SISO_Ant1_High_5240



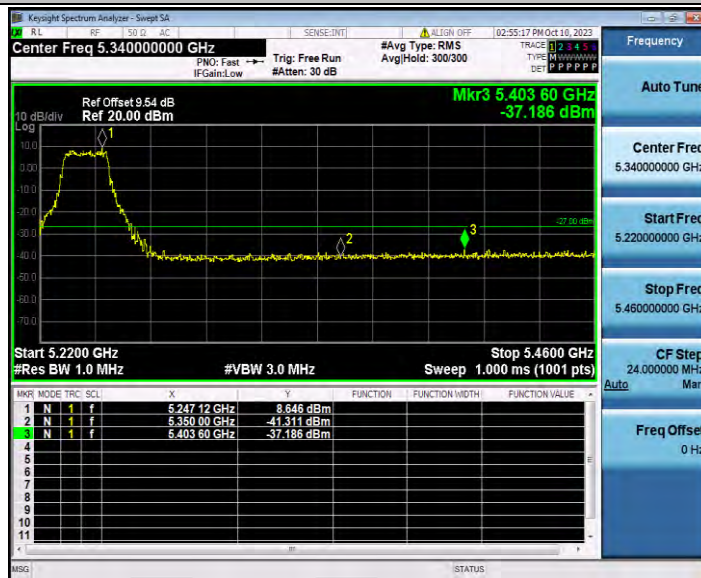
11AC40SISO_Ant1_Low_5190



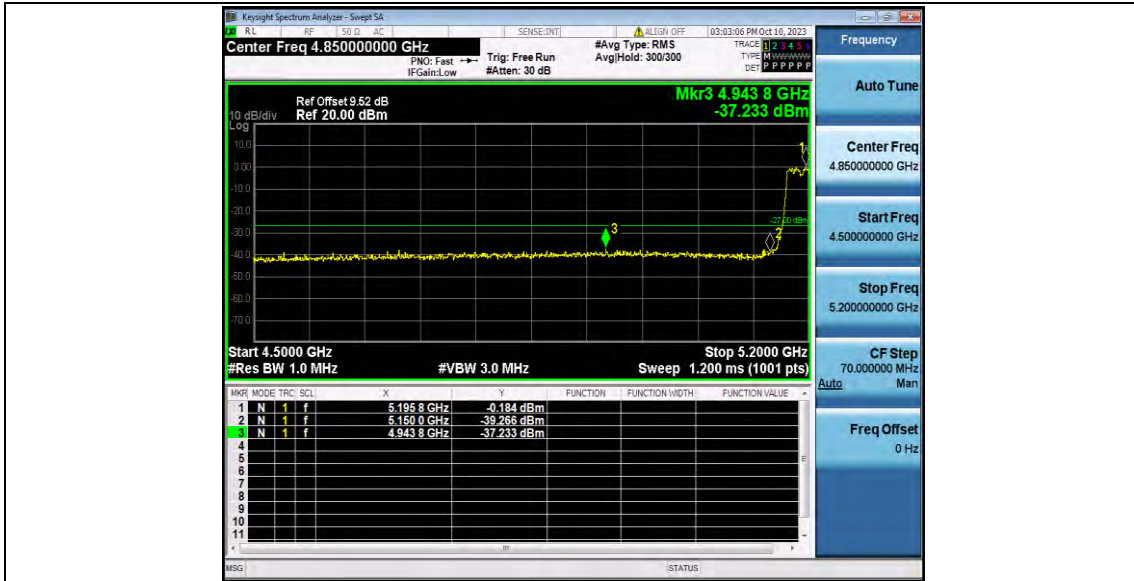
11AC40SISO_Ant1_High_5230



11AX20SISO_Ant1_Low_5180



11AX20SISO_Ant1_High_5240



11AX40SISO_Ant1_Low_5190



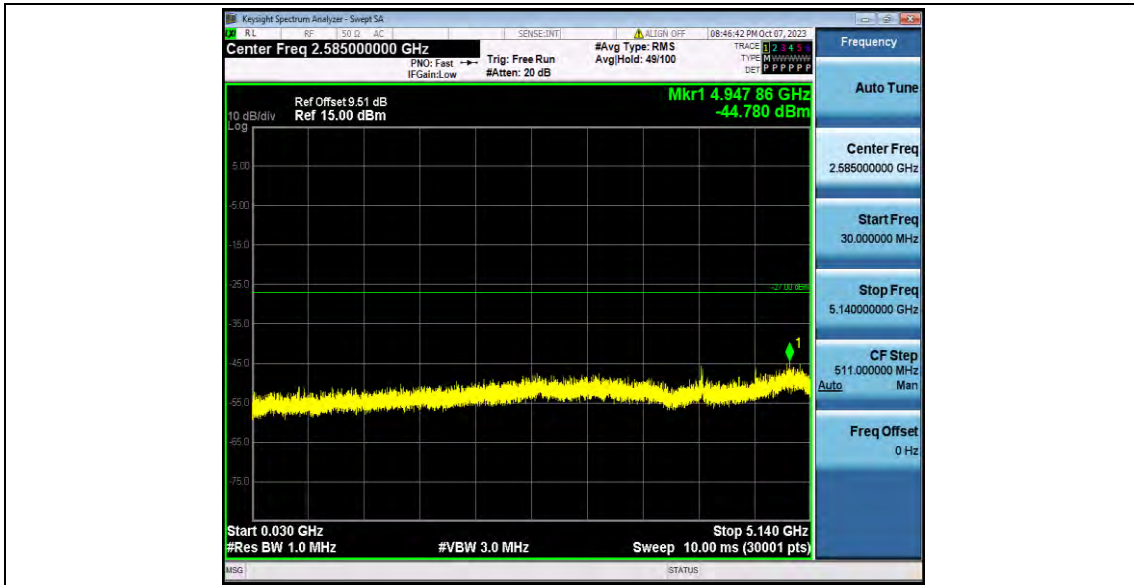
11AX40SISO_Ant1_High_5230

Appendix D.7: Conducted Spurious Emission

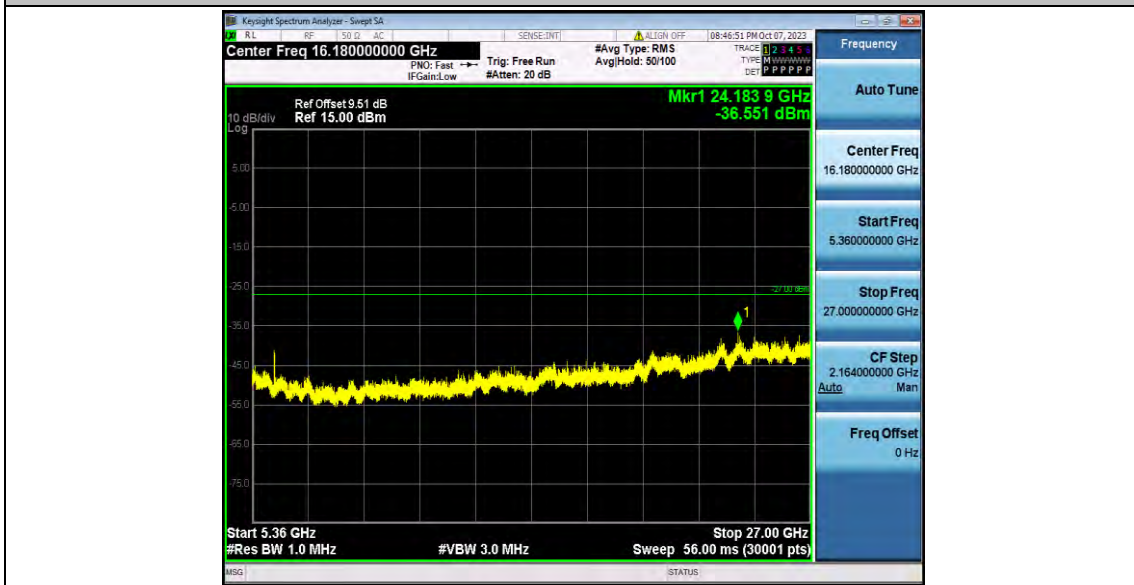
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	4947.86	-44.78	≤-27	PASS
			5360~40000	24183.91	-36.55	≤-27	PASS
		5200	30~5140	4944.8	-44.82	≤-27	PASS
			5360~40000	26023.31	-37.5	≤-27	PASS
		5240	30~5140	4941.56	-45.14	≤-27	PASS
			5360~40000	26577.3	-38.02	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	4952.63	-45.14	≤-27	PASS
			5360~40000	6209.01	-37.8	≤-27	PASS
		5200	30~5140	4969.84	-44.03	≤-27	PASS
			5360~40000	26067.32	-36.91	≤-27	PASS
		5240	30~5140	4184.77	-43.78	≤-27	PASS
			5360~40000	26044.23	-38.02	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	4167.74	-41.92	≤-27	PASS
			5360~40000	6211.17	-34.89	≤-27	PASS
		5230	30~5140	4169.61	-41.04	≤-27	PASS
			5360~40000	6260.22	-35.32	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5020.77	-44.25	≤-27	PASS
			5360~40000	26544.12	-37.38	≤-27	PASS
		5200	30~5140	4153.09	-44.19	≤-27	PASS
			5360~40000	26901.18	-38.1	≤-27	PASS
		5240	30~5140	5084.81	-44.61	≤-27	PASS
			5360~40000	26471.26	-37.78	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5138.13	-42.09	≤-27	PASS
			5360~40000	6211.89	-34.32	≤-27	PASS
		5230	30~5140	4167.23	-42.91	≤-27	PASS
			5360~40000	6258.78	-35.47	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	4152.75	-43.9	≤-27	PASS
			5360~40000	26523.2	-37.76	≤-27	PASS
		5200	30~5140	4151.04	-44.24	≤-27	PASS
			5360~40000	6231.37	-36.25	≤-27	PASS
		5240	30~5140	4200.95	-44.5	≤-27	PASS
			5360~40000	24926.17	-37.88	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	4135.54	-44.52	≤-27	PASS
			5360~40000	24287.07	-38.15	≤-27	PASS
		5230	30~5140	4166.89	-42.17	≤-27	PASS
			5360~40000	6258.78	-35.14	≤-27	PASS

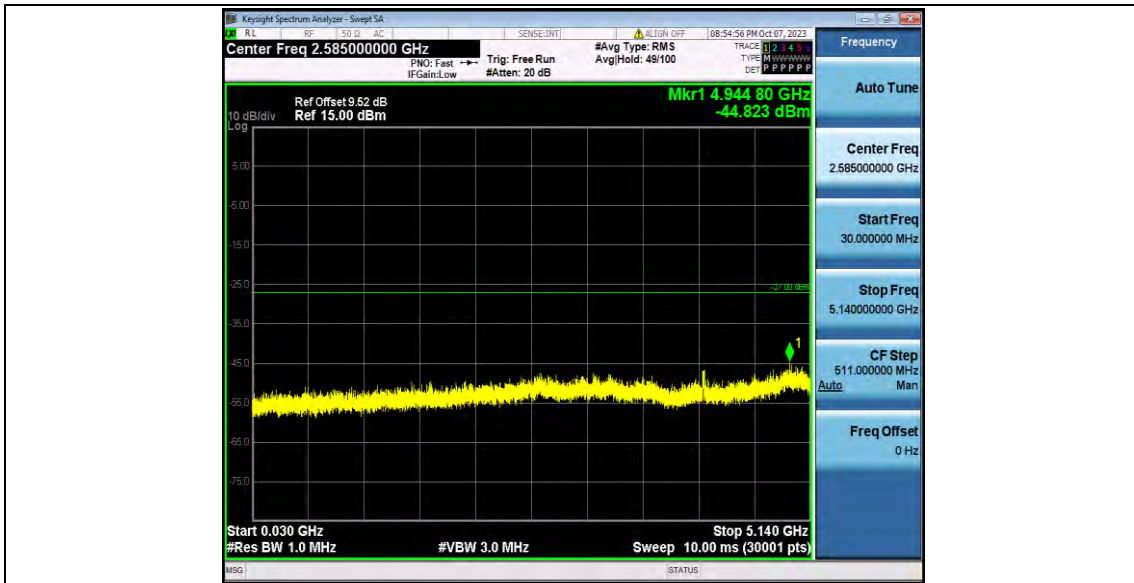
Test Graphs



11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~40000



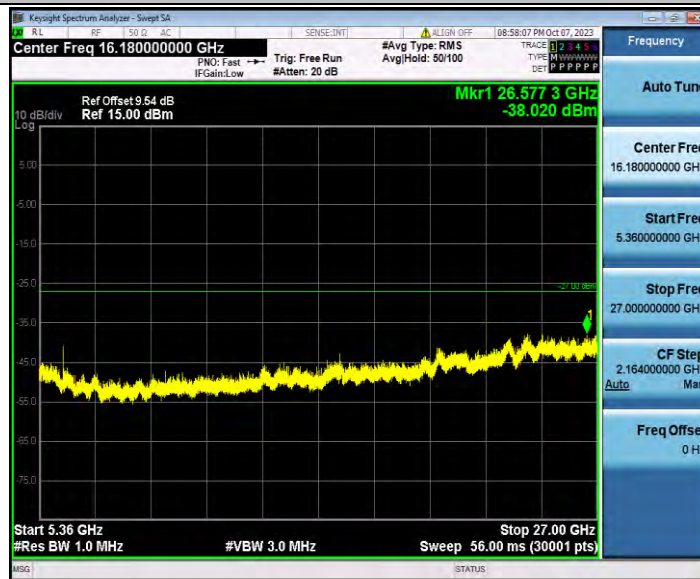
11A_Ant1_5200_30~5140



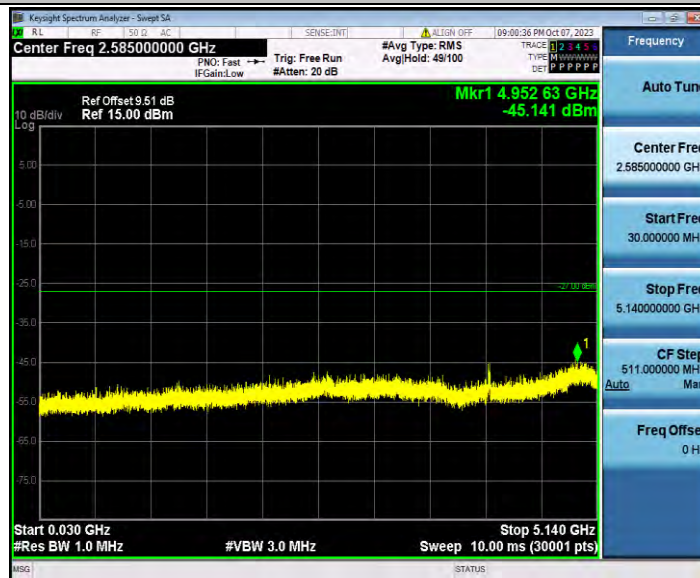
11A_Ant1_5200_5360~40000



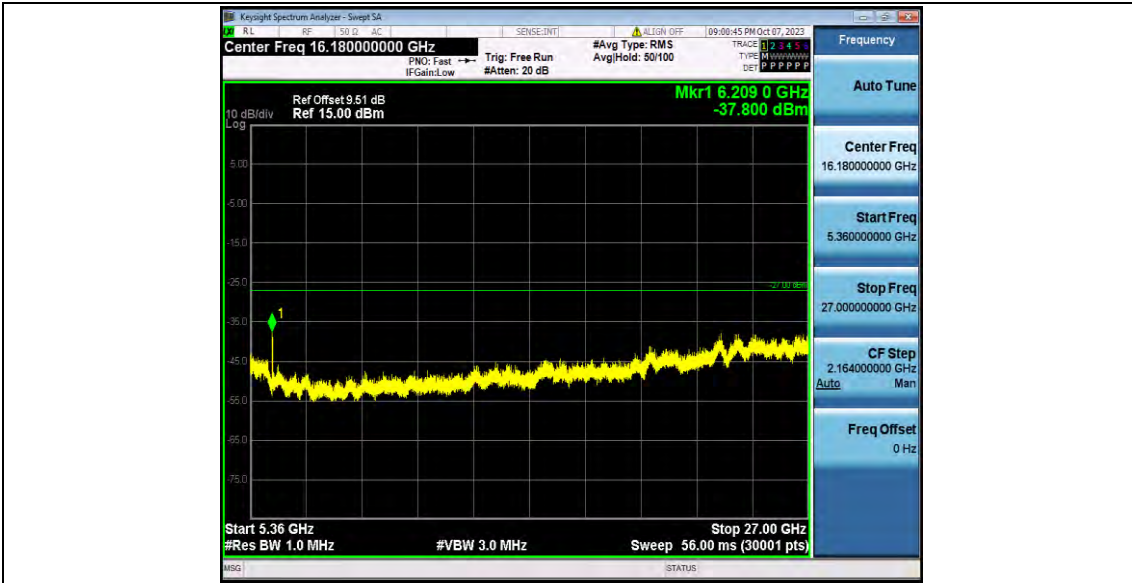
11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~40000



11N20SISO_Ant1_5180_30~5140



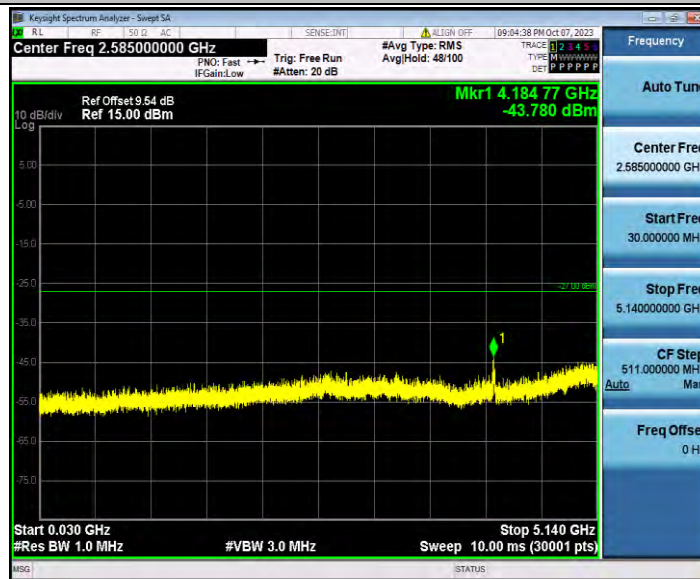
11N20SISO_Ant1_5180_5360~40000



11N20SISO_Ant1_5200_30~5140



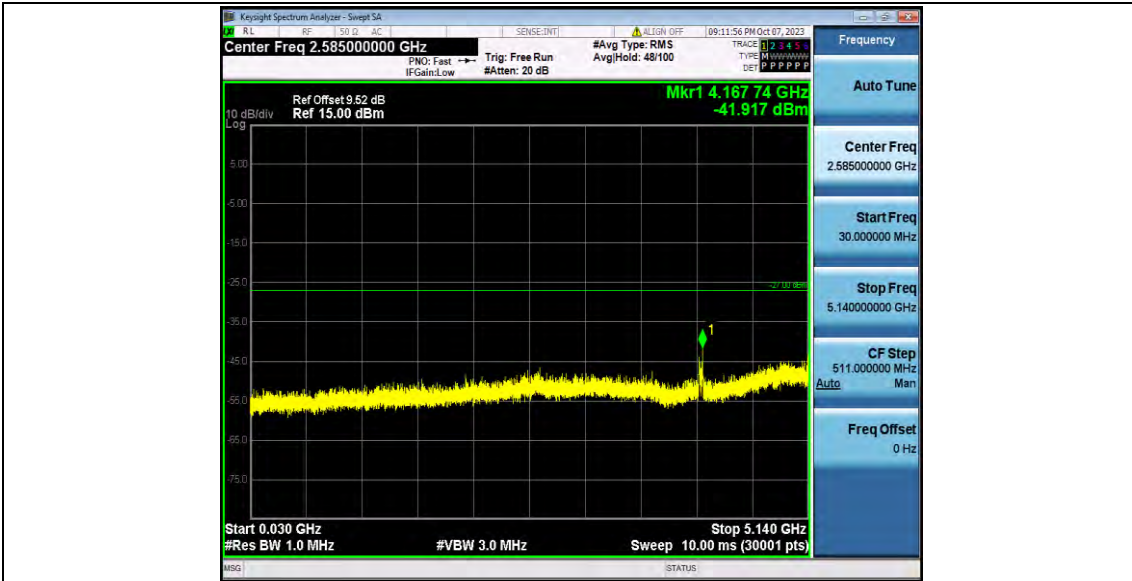
11N20SISO_Ant1_5200_5360~40000



11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~40000



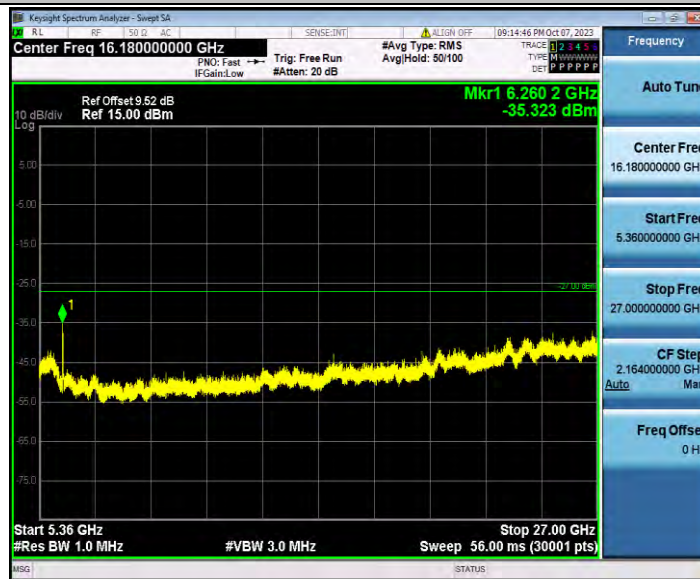
11N40SISO_Ant1_5190_30~5140



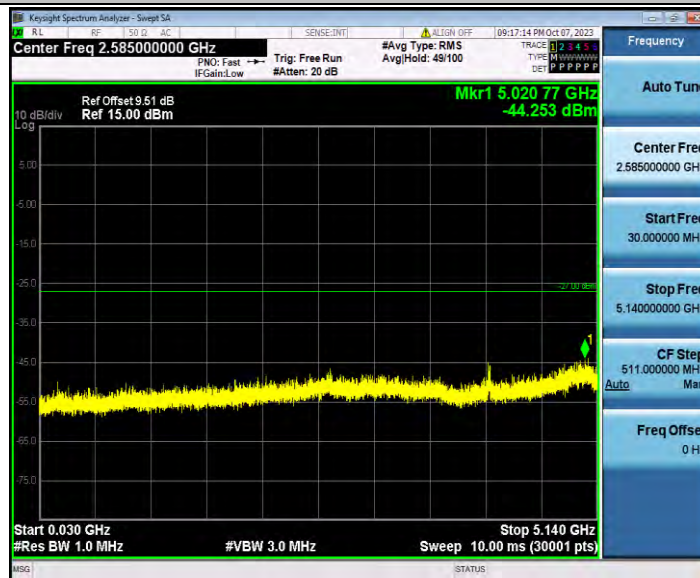
11N40SISO_Ant1_5190_5360~40000



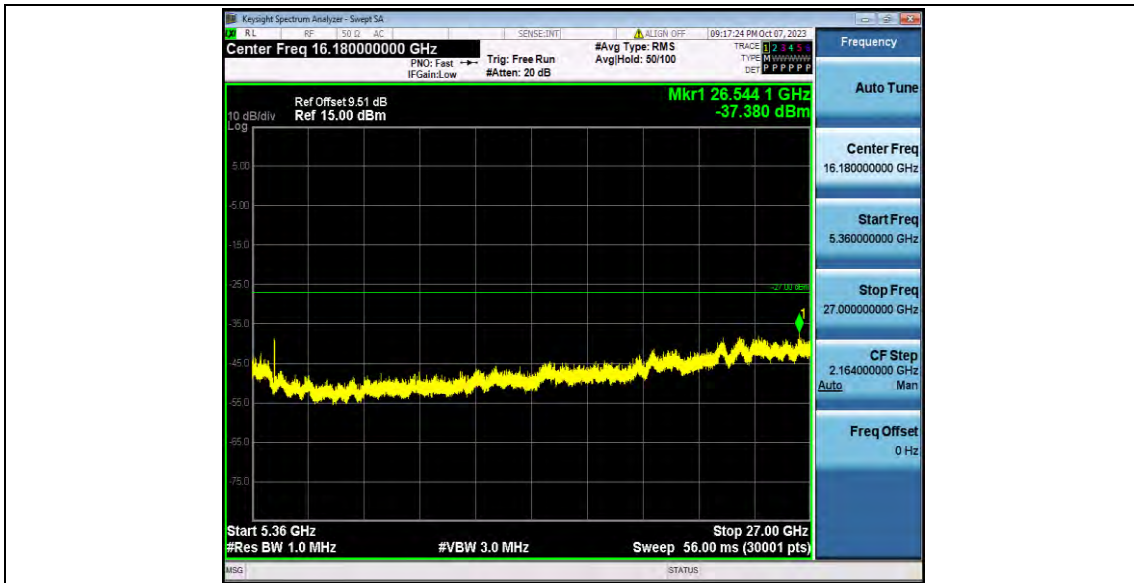
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



11AC20SISO_Ant1_5180_30~5140



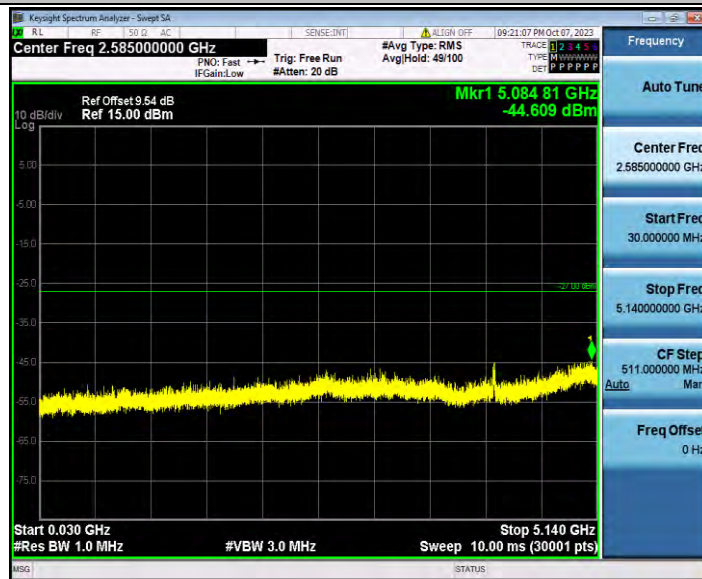
11AC20SISO_Ant1_5180_5360~4000



11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~40000



11AC20SISO_Ant1_5240_30~5140



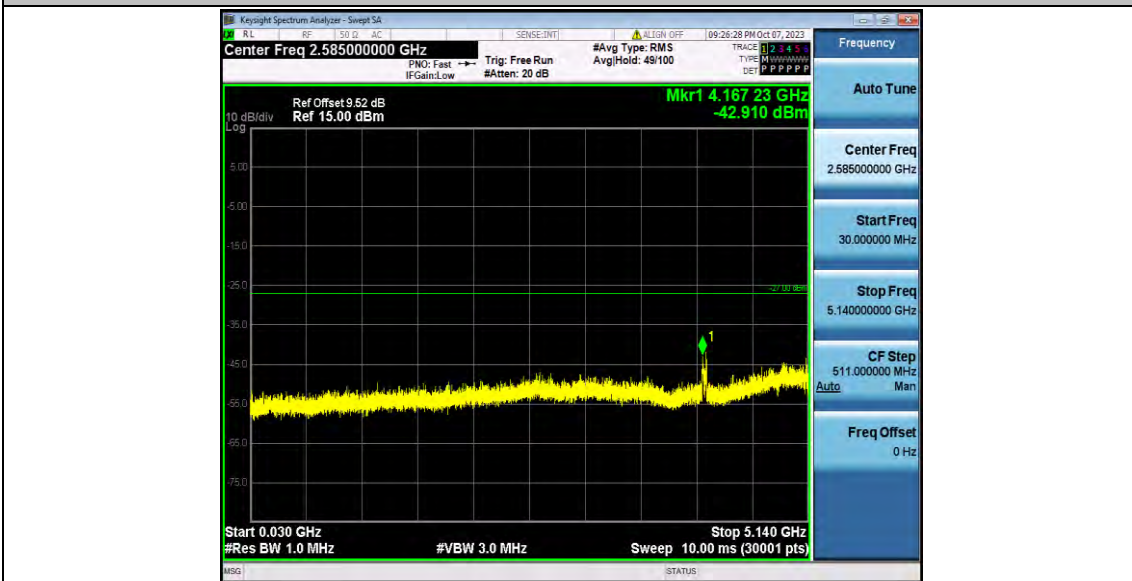
11AC20SISO_Ant1_5240_5360~40000



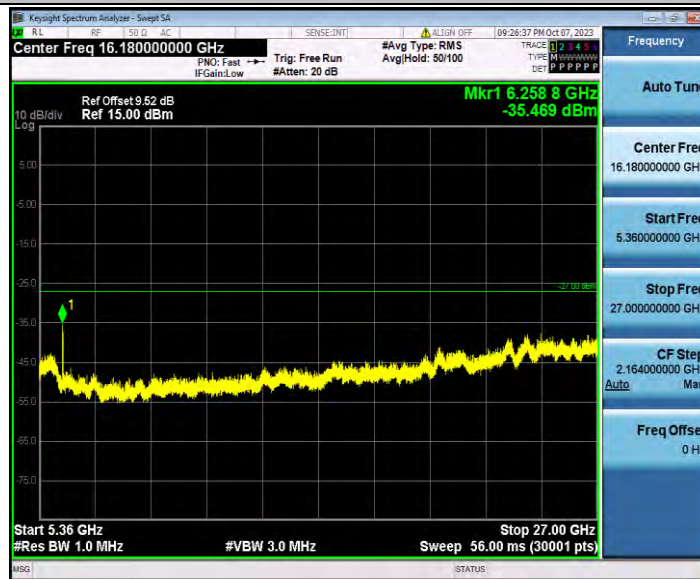
11AC40SISO_Ant1_5190_30~5140



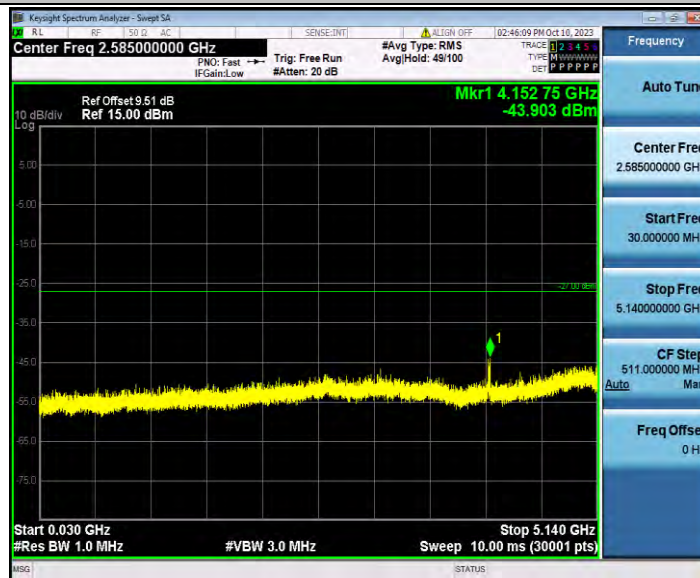
11AC40SISO_Ant1_5190_5360~40000



11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



11AX20SISO_Ant1_5180_30~5140



11AX20SISO_Ant1_5180_5360~4000



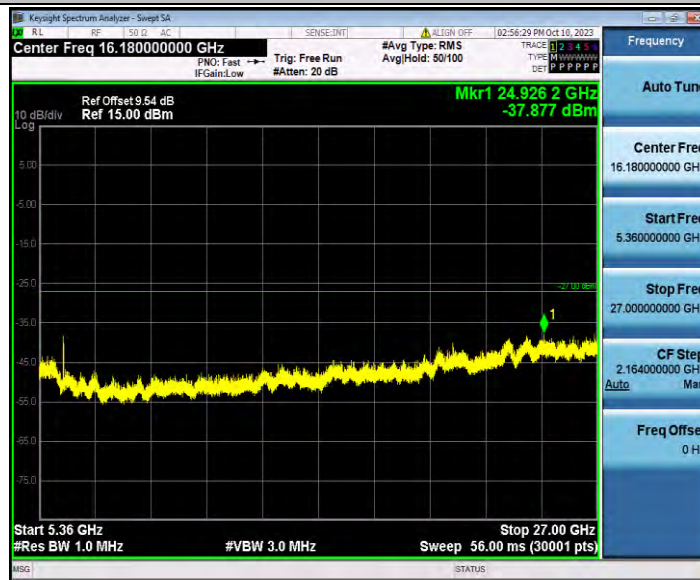
11AX20SISO_Ant1_5200_30~5140



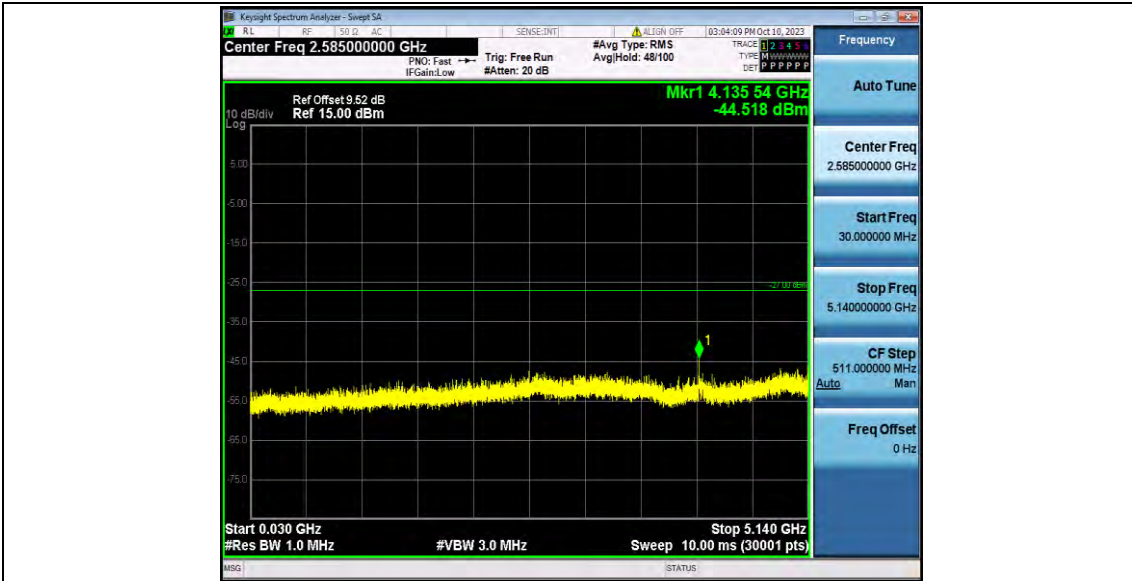
11AX20SISO_Ant1_5200_5360~40000



11AX20SISO_Ant1_5240_30~5140



11AX20SISO_Ant1_5240_5360~40000

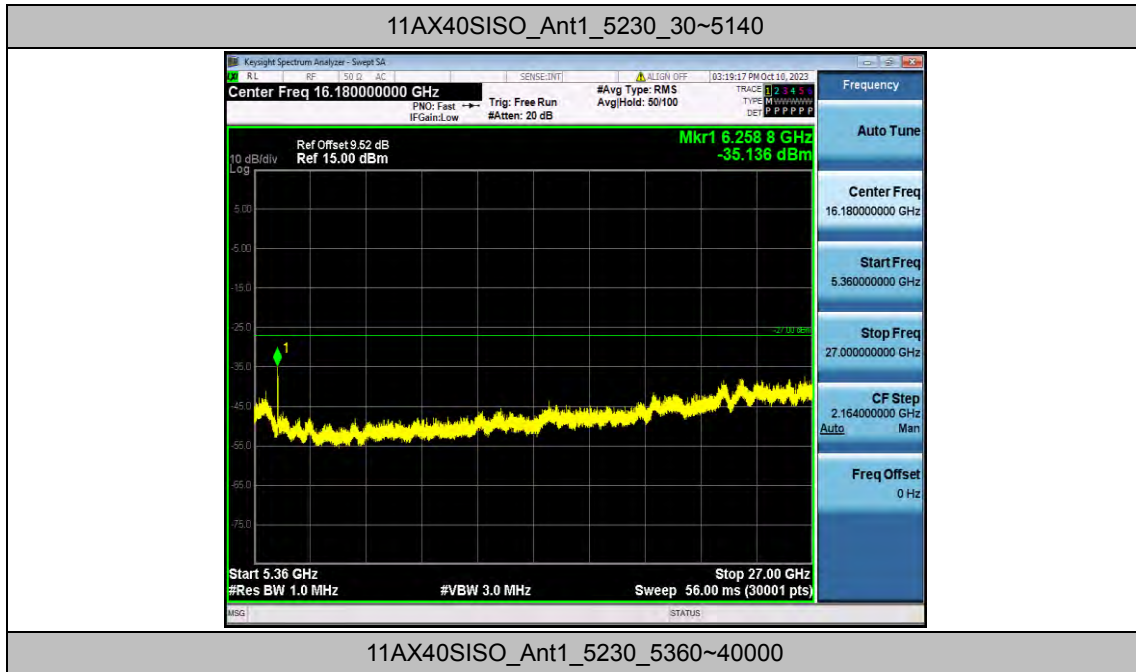


11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000





Appendix D.8: Emissions in Restricted Bands

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBUV/m]	Limit [dBUV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.92	≤-41.20	47.28	≤54	PASS
				AV	4983.000	-44.29	≤-41.20	50.91	≤54	PASS
				AV	5150.000	-46.6	≤-41.20	48.60	≤54	PASS
				Peak	4500.000	-42.33	≤-21.20	52.87	≤74	PASS
				Peak	4667.300	-37.69	≤-21.20	57.51	≤74	PASS
				Peak	5150.000	-38.21	≤-21.20	56.99	≤74	PASS
		High	5240	AV	5350.000	-47.25	≤-41.20	47.95	≤54	PASS
				AV	5454.480	-44.19	≤-41.20	51.01	≤54	PASS
				AV	5460.000	-45.94	≤-41.20	49.26	≤54	PASS
				Peak	5350.000	-46.18	≤-21.20	49.02	≤74	PASS
				Peak	5373.360	-38.08	≤-21.20	57.12	≤74	PASS
				Peak	5460.000	-42.59	≤-21.20	52.61	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-48.07	≤-41.20	47.13	≤54	PASS
				AV	4919.300	-45.01	≤-41.20	50.19	≤54	PASS
				AV	5150.000	-46.14	≤-41.20	49.06	≤54	PASS
				Peak	4500.000	-44.27	≤-21.20	50.93	≤74	PASS
				Peak	4868.200	-36.95	≤-21.20	58.25	≤74	PASS
				Peak	5150.000	-40.6	≤-21.20	54.60	≤74	PASS
		High	5240	AV	5350.000	-46.41	≤-41.20	48.79	≤54	PASS
				AV	5448.240	-45.28	≤-41.20	49.92	≤54	PASS
				AV	5460.000	-45.9	≤-41.20	49.30	≤54	PASS
				Peak	5350.000	-46.85	≤-21.20	48.35	≤74	PASS
				Peak	5438.160	-36.98	≤-21.20	58.22	≤74	PASS
				Peak	5460.000	-41.75	≤-21.20	53.45	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.78	≤-41.20	47.42	≤54	PASS
				AV	5077.500	-44.73	≤-41.20	50.47	≤54	PASS
				AV	5150.000	-45.24	≤-41.20	49.96	≤54	PASS
				Peak	4500.000	-43.2	≤-21.20	52.00	≤74	PASS
				Peak	5131.400	-36.88	≤-21.20	58.32	≤74	PASS
				Peak	5150.000	-41.64	≤-21.20	53.56	≤74	PASS
		High	5230	AV	5350.000	-45.78	≤-41.20	49.42	≤54	PASS
				AV	5454.540	-45.14	≤-41.20	50.06	≤54	PASS
				AV	5460.000	-45.47	≤-41.20	49.73	≤54	PASS
				Peak	5350.000	-44.69	≤-21.20	50.51	≤74	PASS
				Peak	5425.680	-37.23	≤-21.20	57.97	≤74	PASS
				Peak	5460.000	-41.5	≤-21.20	53.70	≤74	PASS

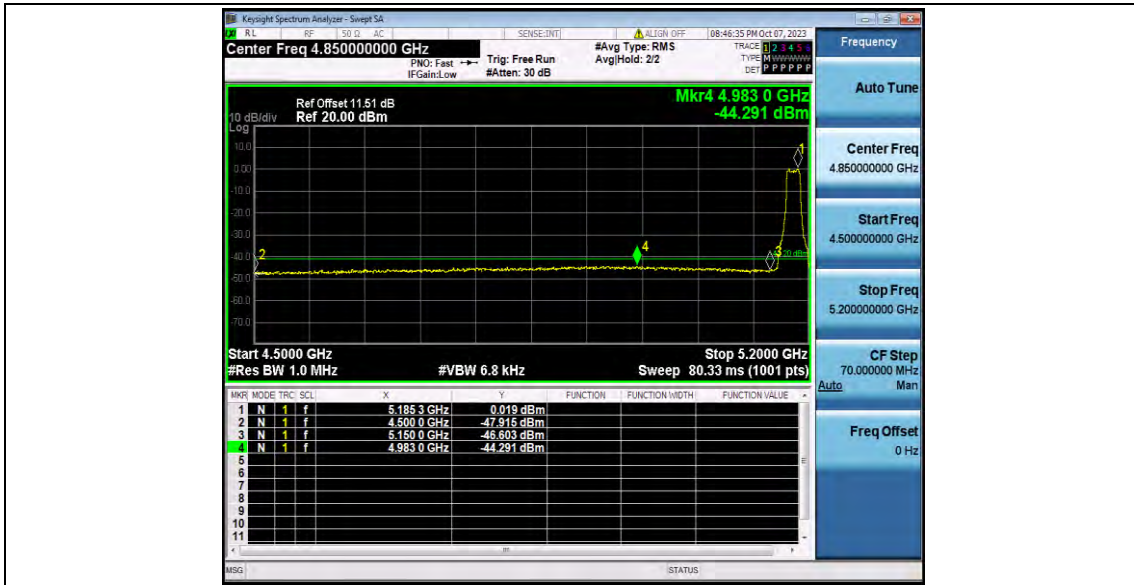
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.82	≤-41.20	47.38	≤54	PASS
				AV	4940.300	-45.23	≤-41.20	49.97	≤54	PASS
				AV	5150.000	-45.73	≤-41.20	49.47	≤54	PASS
				Peak	4500.000	-43.68	≤-21.20	51.52	≤74	PASS
				Peak	4803.100	-37.31	≤-21.20	57.89	≤74	PASS
				Peak	5150.000	-39.83	≤-21.20	55.37	≤74	PASS
		High	5240	AV	5350.000	-46.6	≤-41.20	48.60	≤54	PASS
				AV	5445.840	-45.39	≤-41.20	49.81	≤54	PASS
				AV	5460.000	-45.55	≤-41.20	49.65	≤54	PASS
				Peak	5350.000	-44.01	≤-21.20	51.19	≤74	PASS
				Peak	5387.520	-37.18	≤-21.20	58.02	≤74	PASS
				Peak	5460.000	-42.77	≤-21.20	52.43	≤74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.81	≤-41.20	47.39	≤54	PASS
				AV	5146.100	-44.23	≤-41.20	50.97	≤54	PASS
				AV	5150.000	-44.28	≤-41.20	50.92	≤54	PASS
				Peak	4500.000	-42.94	≤-21.20	52.26	≤74	PASS
				Peak	5148.200	-33.15	≤-21.20	62.05	≤74	PASS
				Peak	5150.000	-37.52	≤-21.20	57.68	≤74	PASS
		High	5230	AV	5350.000	-45.92	≤-41.20	49.28	≤54	PASS
				AV	5449.340	-45.02	≤-41.20	50.18	≤54	PASS
				AV	5460.000	-45.55	≤-41.20	49.65	≤54	PASS
				Peak	5350.000	-44.3	≤-21.20	50.90	≤74	PASS
				Peak	5384.340	-36.9	≤-21.20	58.30	≤74	PASS
				Peak	5460.000	-41.74	≤-21.20	53.46	≤74	PASS
11AX20SI SO	Ant1	Low	5180	AV	4500.000	-48.02	≤-41.20	47.18	≤54	PASS
				AV	4943.800	-45.27	≤-41.20	49.93	≤54	PASS
				AV	5150.000	-45.43	≤-41.20	49.77	≤54	PASS
				Peak	4500.000	-45.89	≤-21.20	49.31	≤74	PASS
				Peak	4931.900	-36.43	≤-21.20	58.77	≤74	PASS
				Peak	5150.000	-41.64	≤-21.20	53.56	≤74	PASS
		High	5240	AV	5350.000	-46.72	≤-41.20	48.48	≤54	PASS
				AV	5455.680	-45.25	≤-41.20	49.95	≤54	PASS
				AV	5460.000	-45.78	≤-41.20	49.42	≤54	PASS
				Peak	5350.000	-46.34	≤-21.20	48.86	≤74	PASS
				Peak	5448.480	-36.94	≤-21.20	58.26	≤74	PASS
				Peak	5460.000	-41.39	≤-21.20	53.81	≤74	PASS
11AX40SI SO	Ant1	Low	5190	AV	4500.000	-48.22	≤-41.20	46.98	≤54	PASS
				AV	4934.000	-45.2	≤-41.20	50.00	≤54	PASS
				AV	5150.000	-45.75	≤-41.20	49.45	≤54	PASS
				Peak	4500.000	-42.62	≤-21.20	52.58	≤74	PASS
				Peak	4903.900	-37.75	≤-21.20	57.45	≤74	PASS
				Peak	5150.000	-45.49	≤-21.20	49.71	≤74	PASS
		High	5230	AV	5350.000	-46.23	≤-41.20	48.97	≤54	PASS

				AV	5448.560	-45.11	≤ -41.20	50.09	≤ 54	PASS
				AV	5460.000	-45.49	≤ -41.20	49.71	≤ 54	PASS
				Peak	5350.000	-43.54	≤ -21.20	51.66	≤ 74	PASS
				Peak	5433.740	-37.43	≤ -21.20	57.77	≤ 74	PASS
				Peak	5460.000	-44.87	≤ -21.20	50.33	≤ 74	PASS

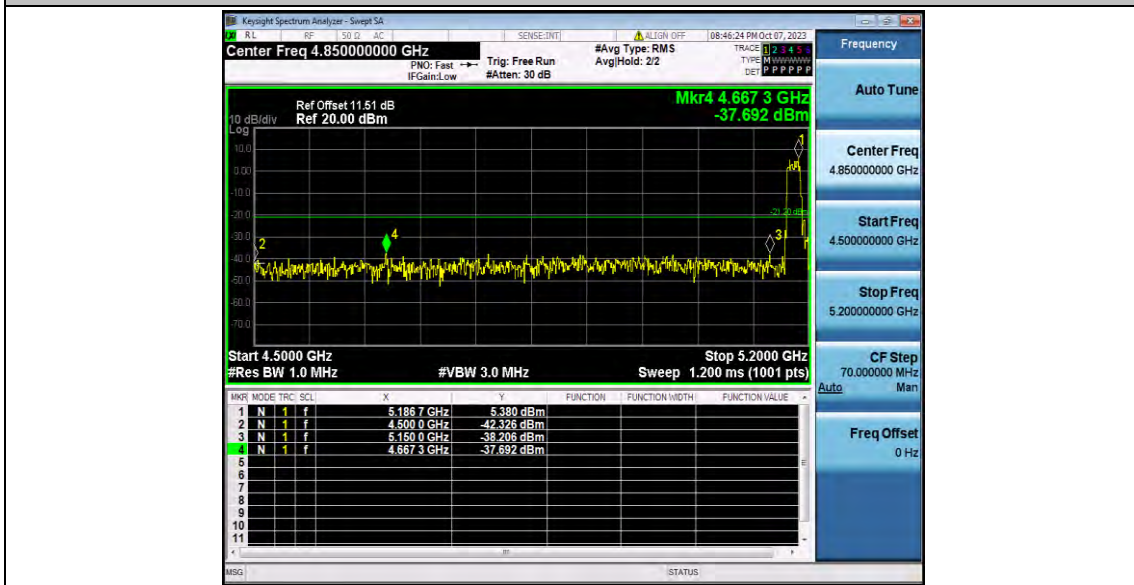
Note:

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



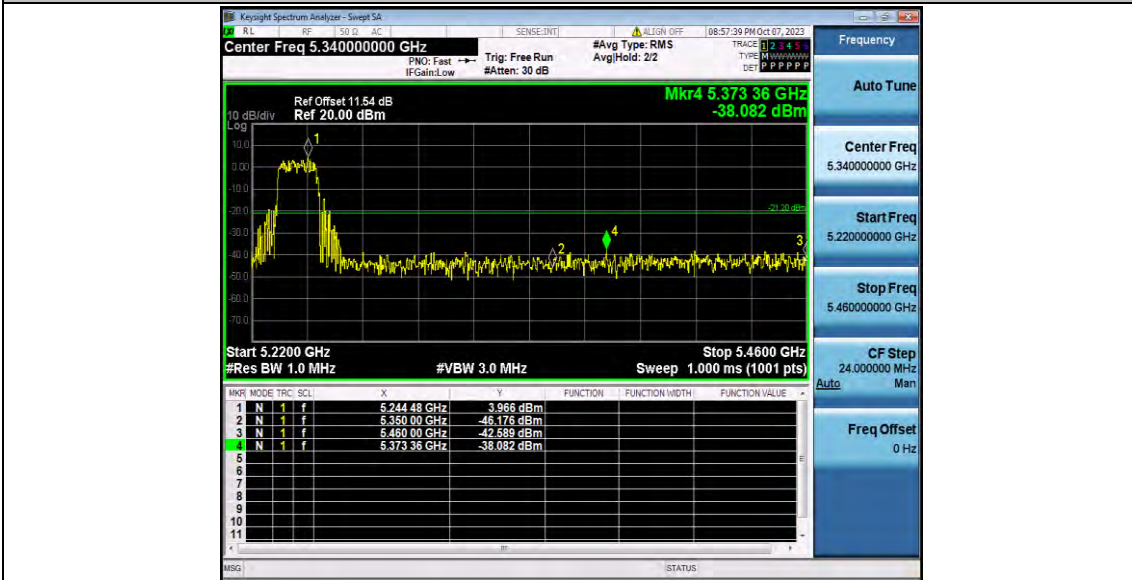
11A_Ant1_Low_5180_AV



11A_Ant1_Low_5180_Peak



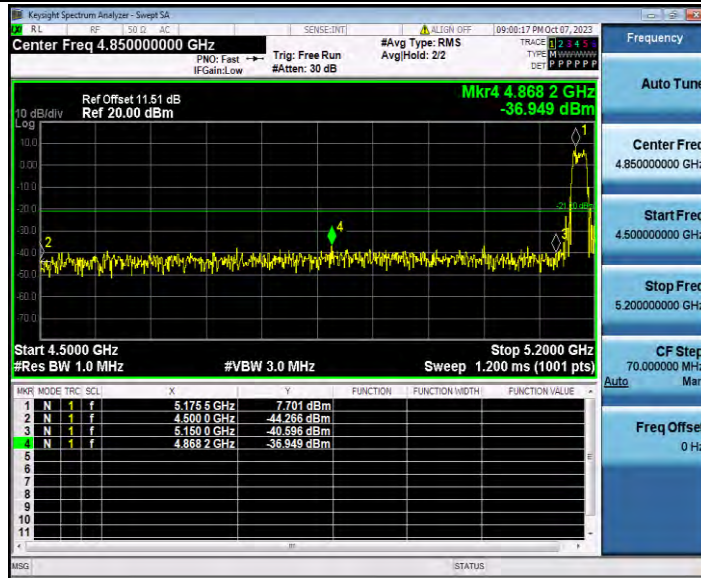
11A_Ant1_High_5240_AV



11A_Ant1_High_5240_Peak



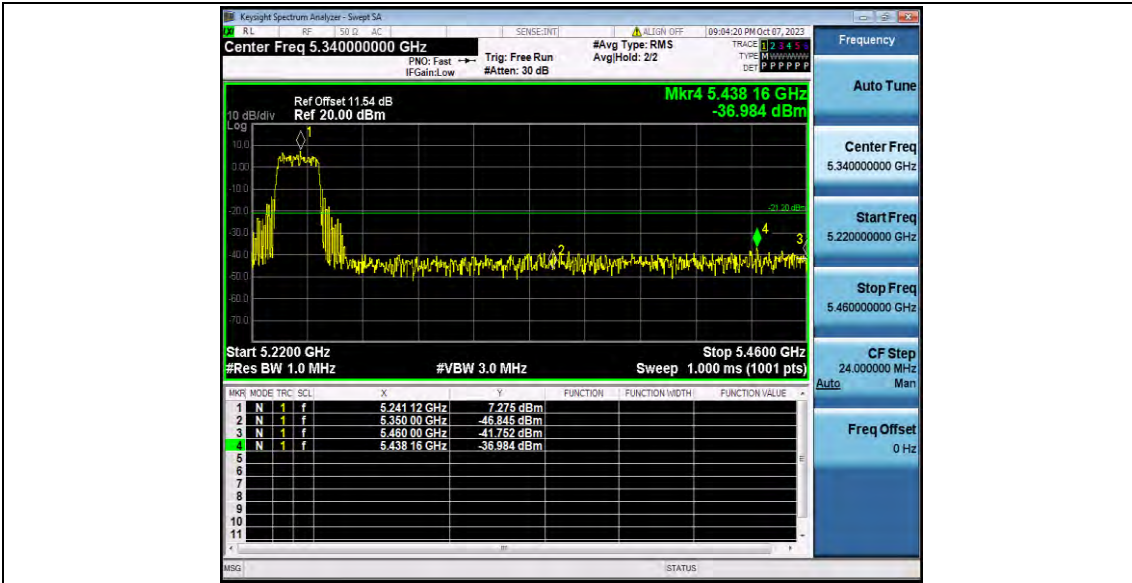
11N20SISO_Ant1_Low_5180_AV



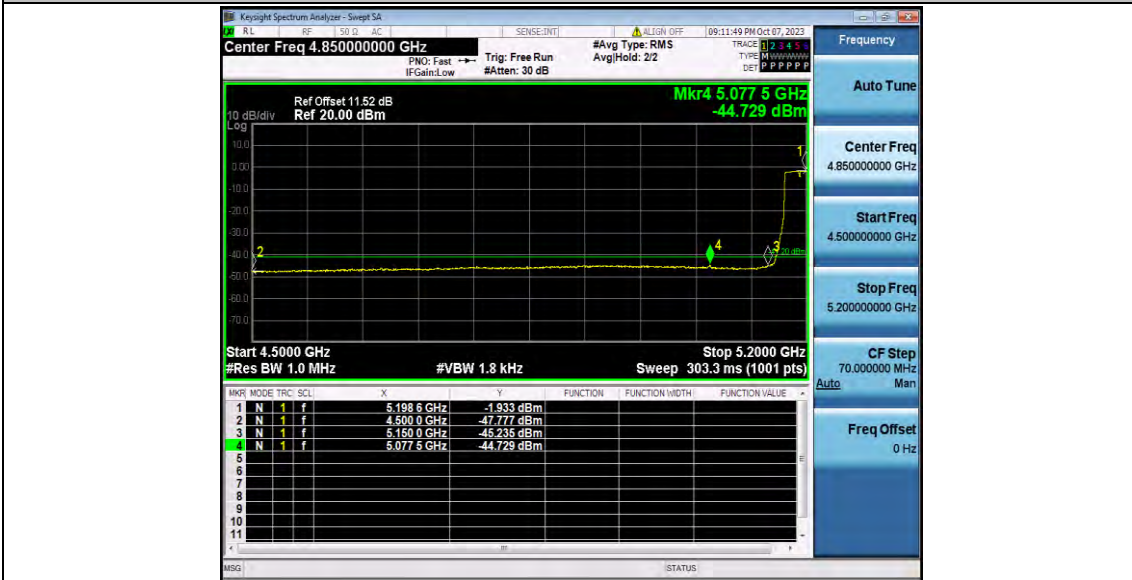
11N20SISO_Ant1_Low_5180_Peak



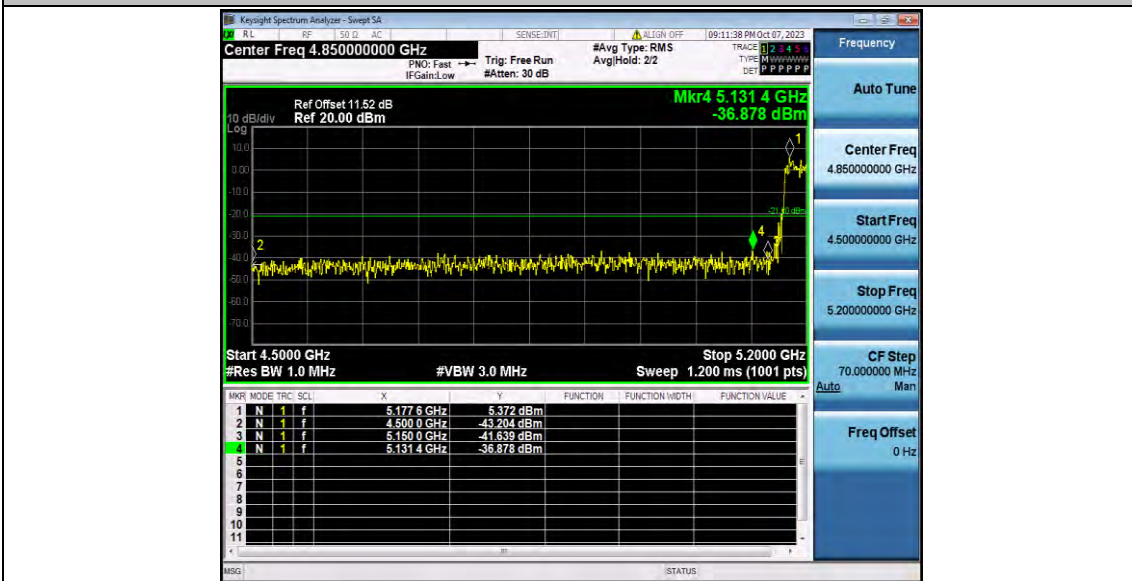
11N20SISO_Ant1_High_5240_AV



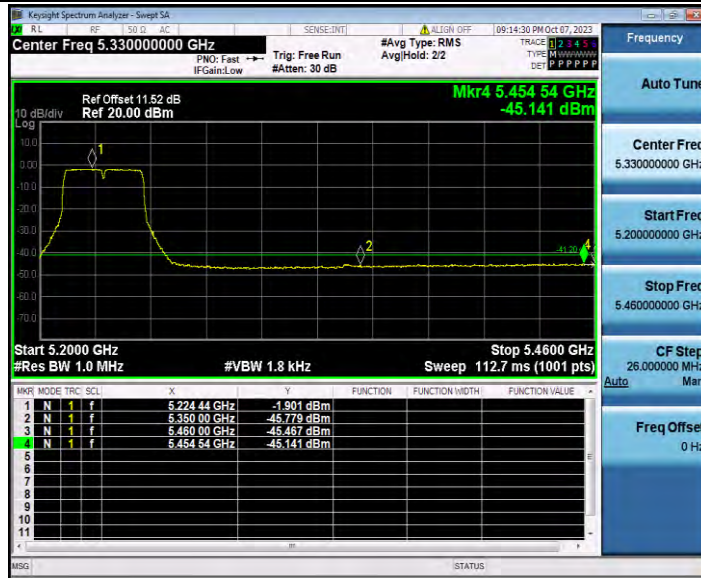
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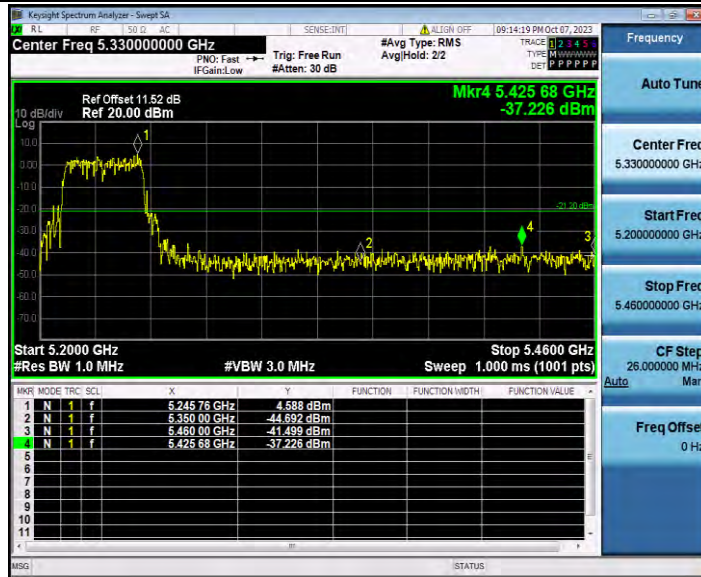
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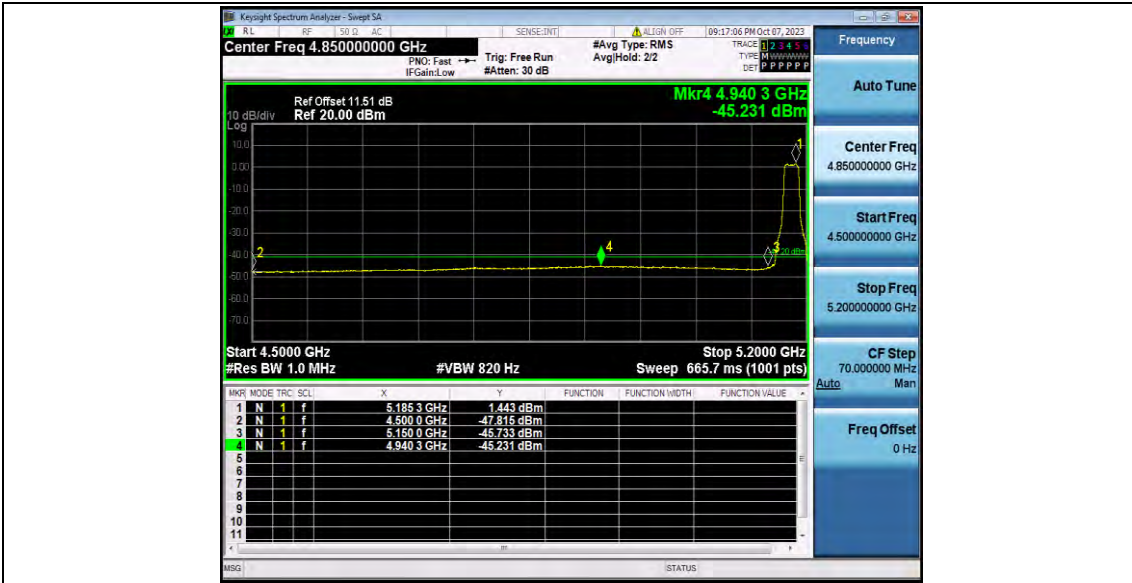
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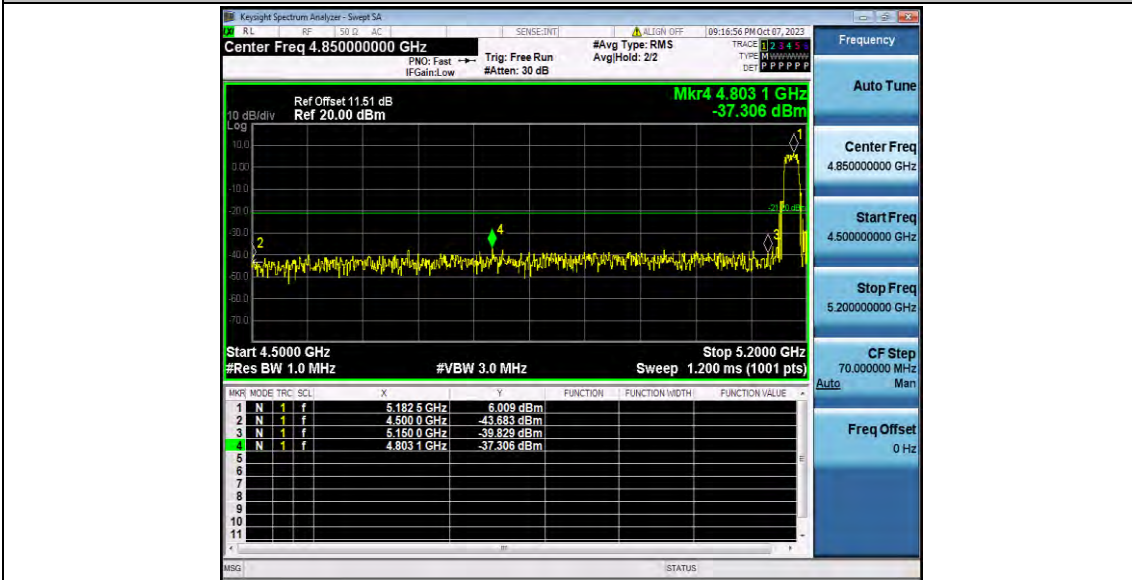
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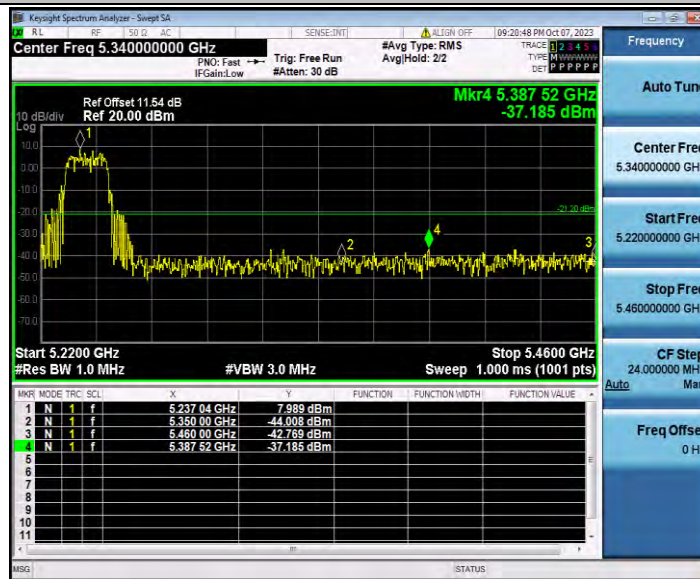
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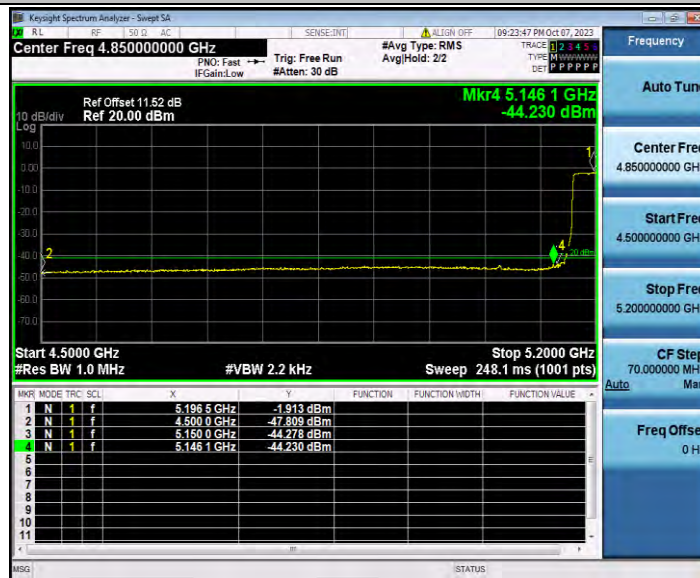
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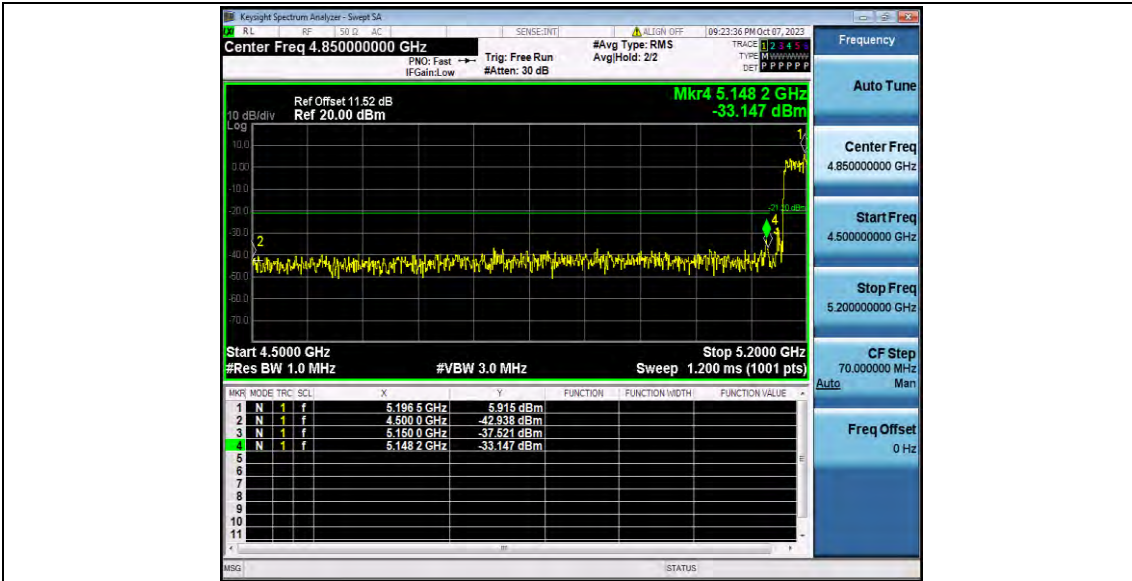
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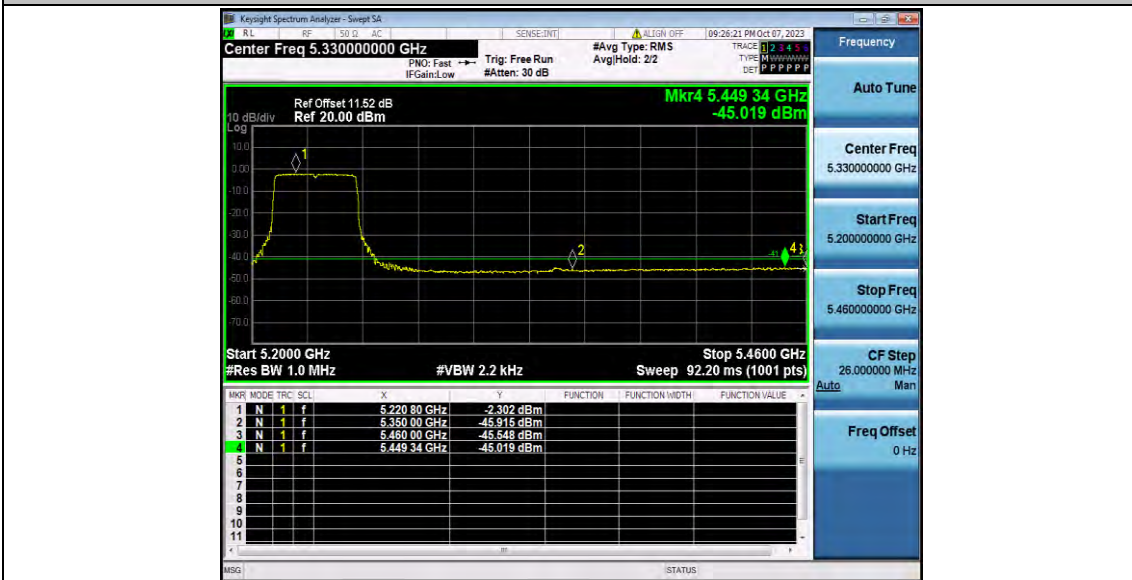
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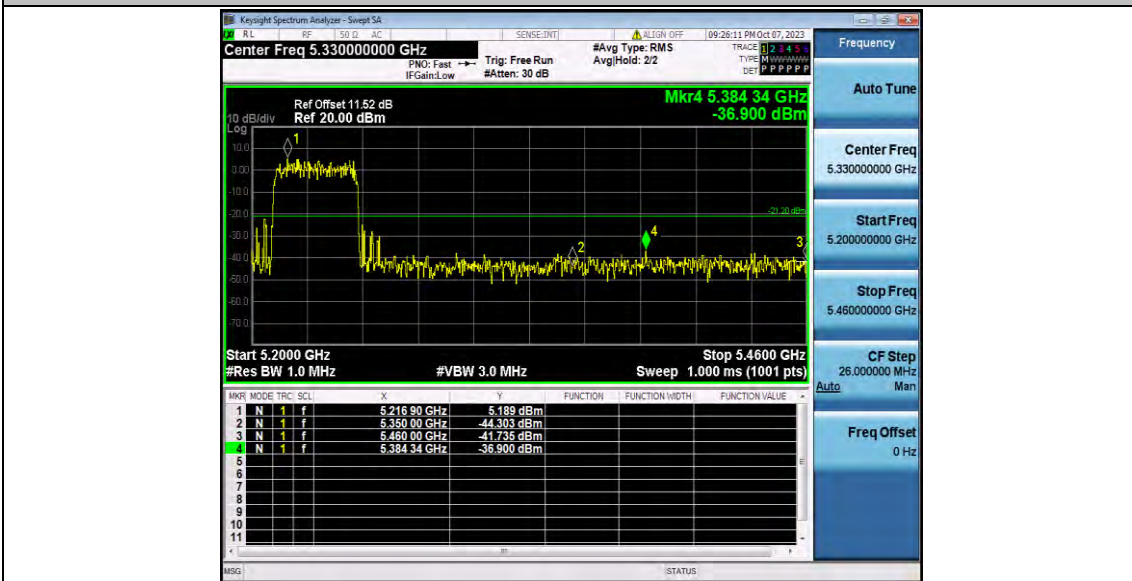
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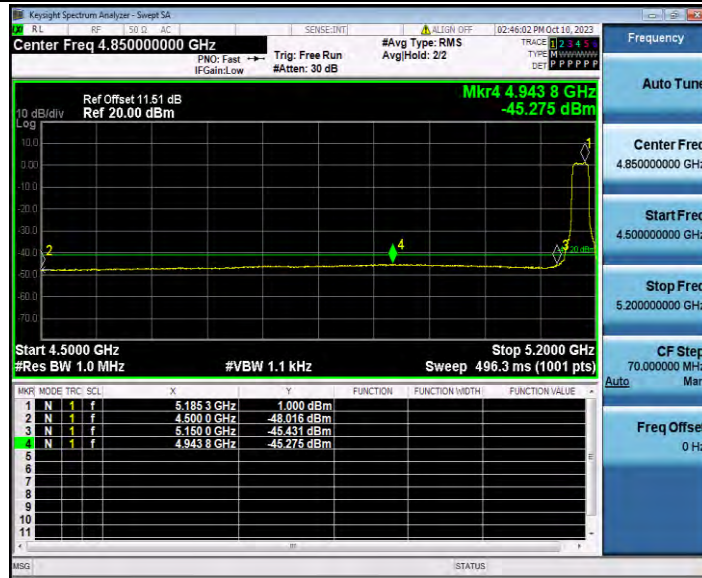
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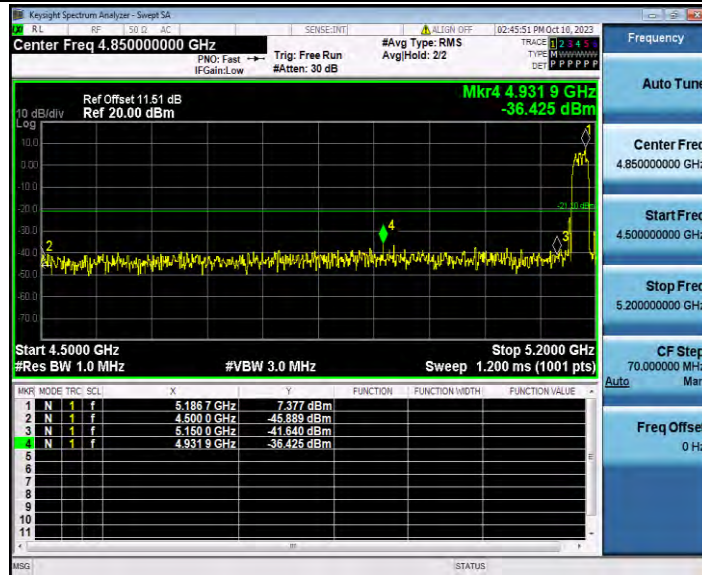
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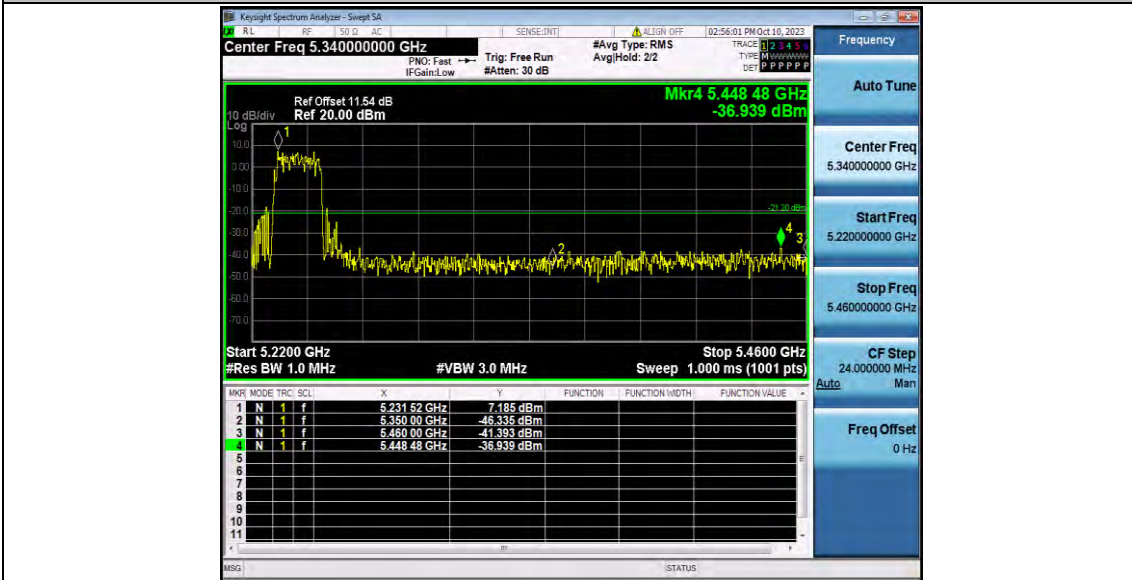
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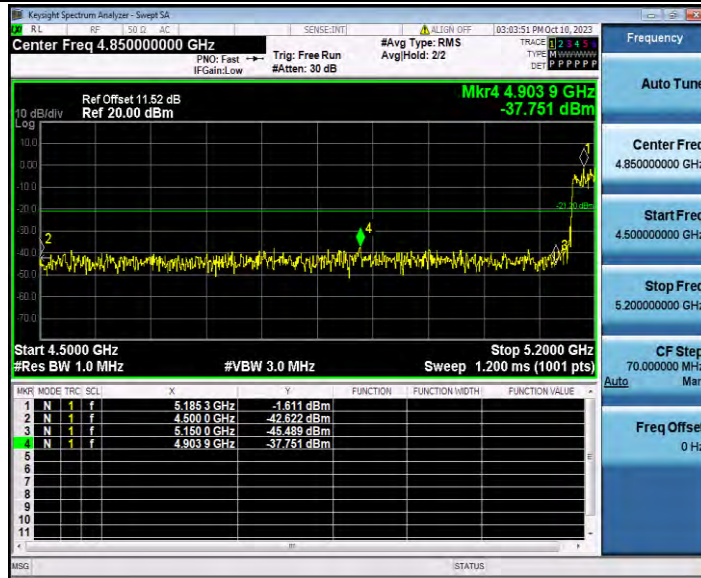
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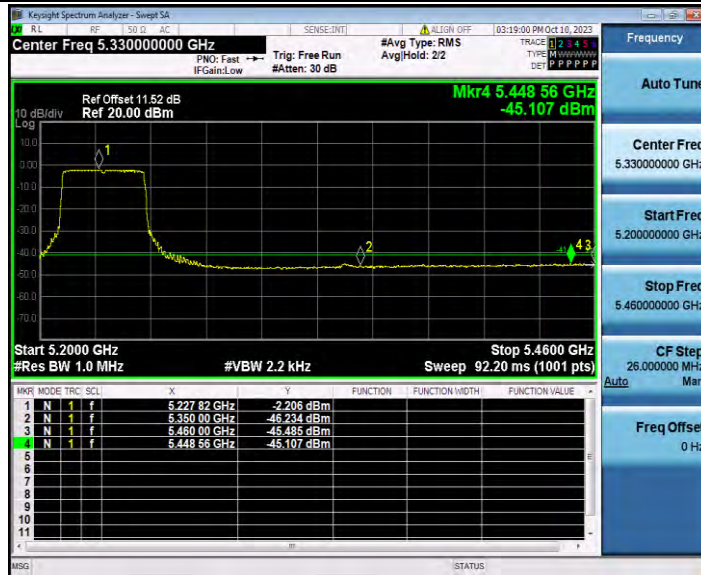
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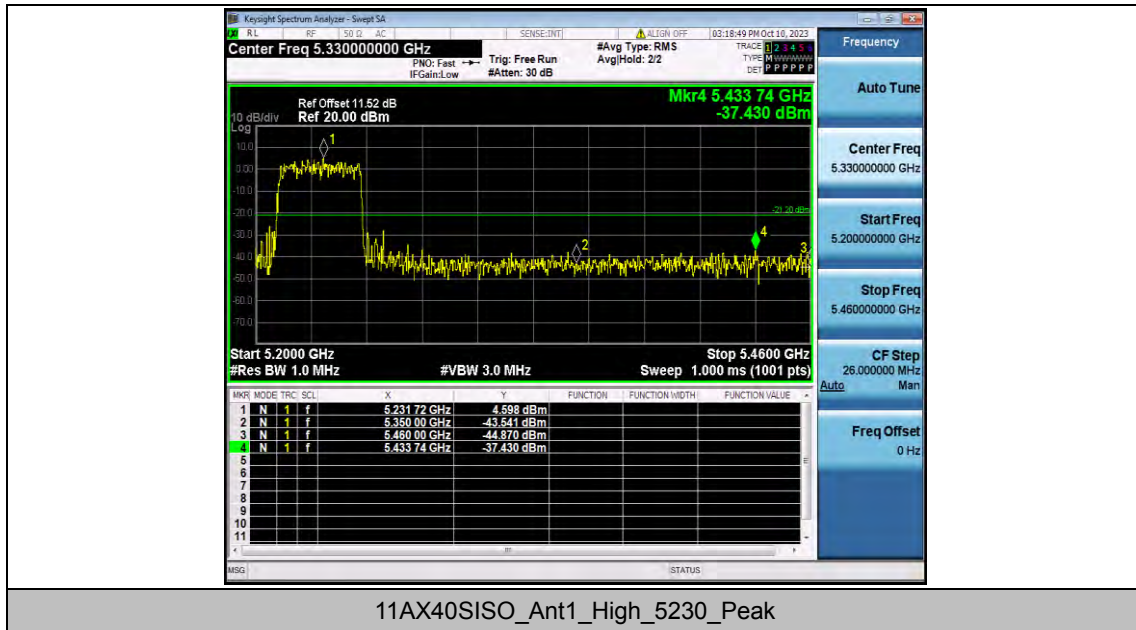
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11AX40SISO_Ant1_Low_5190_Peak



11AX40SISO_Ant1_High_5230_AV



11AX40SISO_Ant1_High_5230_Peak