

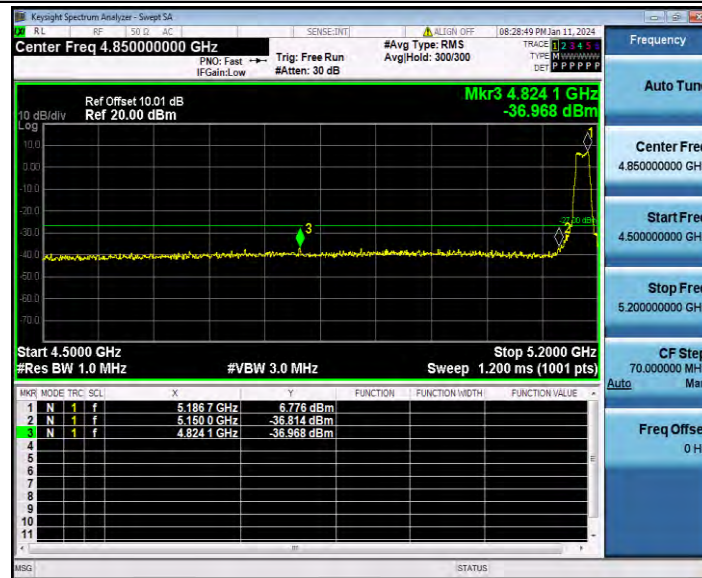
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.97	≤ -27	PASS
		High	5240	-37.54	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-31.13	≤ -27	PASS
		High	5240	-37.43	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-29.28	≤ -27	PASS
		High	5230	-37.82	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-32.73	≤ -27	PASS
		High	5240	-37.37	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-29.63	≤ -27	PASS
		High	5230	-36.96	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-30.56	≤ -27	PASS
		High	5210	-37.23	≤ -27	PASS

Test Graphs B1

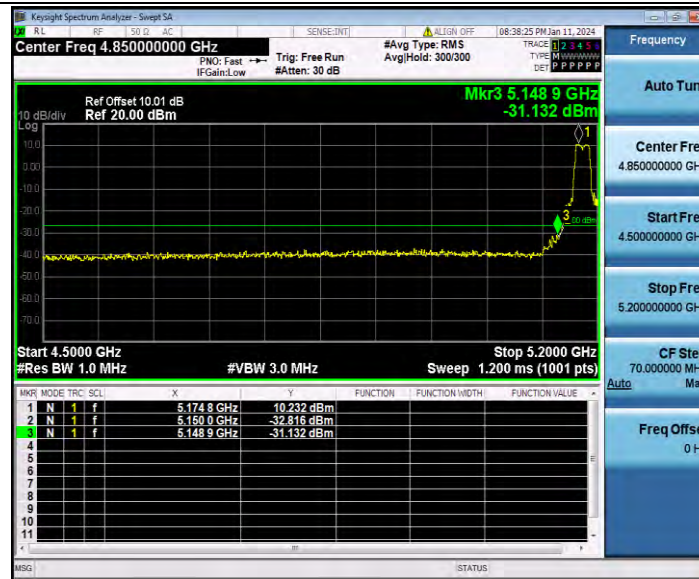
11A_Ant1_Low_5180



11A_Ant1_High_5240



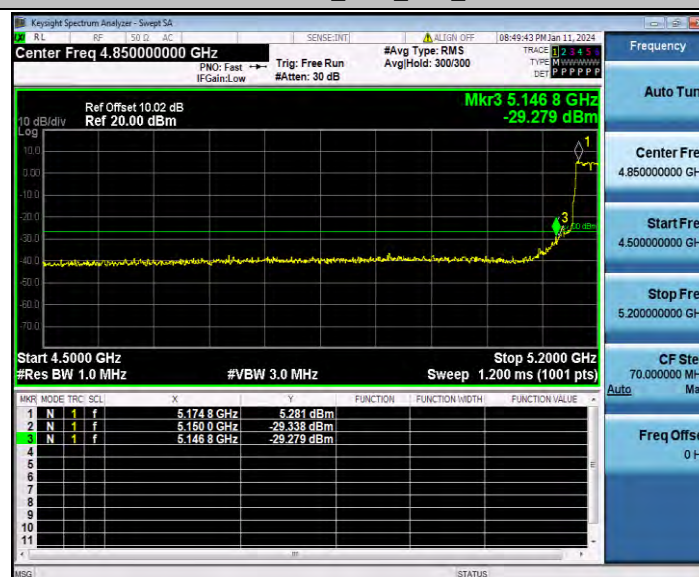
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



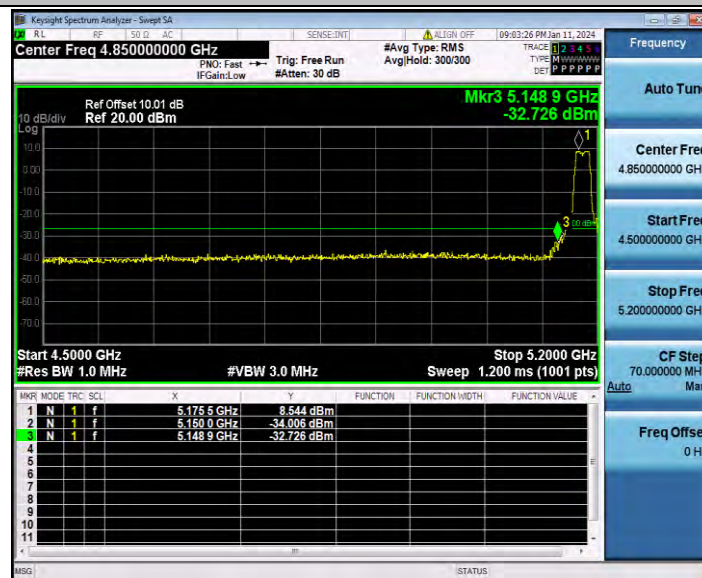
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



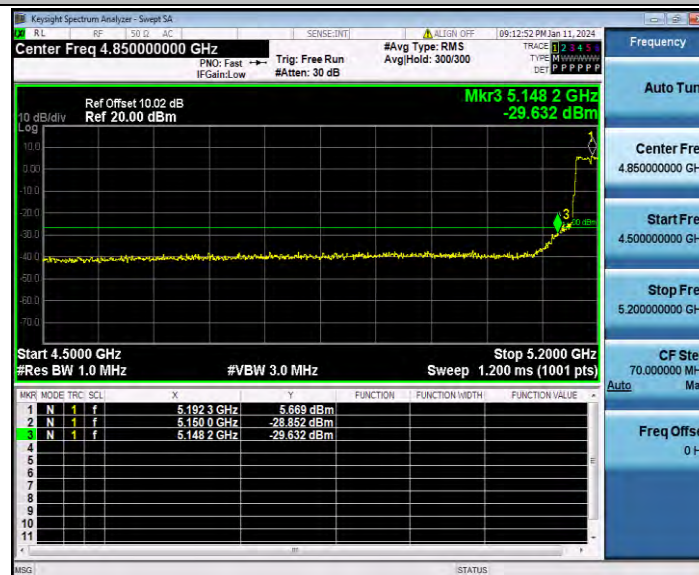
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



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	5180	30~5140	4796.1	-45.66	≤-27	PASS
			5360~40000	26476.31	-37.2	≤-27	PASS
		5200	30~5140	2441.75	-39.12	≤-27	PASS
			5360~40000	26037.74	-37.25	≤-27	PASS
		5240	30~5140	4851.46	-46.61	≤-27	PASS
			5360~40000	24217.1	-36.8	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5140	-34.46	≤-27	PASS
			5360~40000	24201.23	-37.29	≤-27	PASS
		5200	30~5140	3175.55	-45.88	≤-27	PASS
			5360~40000	26023.31	-37.17	≤-27	PASS
		5240	30~5140	2439.37	-42.12	≤-27	PASS
			5360~40000	25626.58	-37.11	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5138.64	-34.58	≤-27	PASS
			5360~40000	24791.28	-36.3	≤-27	PASS
		5230	30~5140	4882.46	-45.09	≤-27	PASS
			5360~40000	24308.71	-37.02	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5136.93	-41.9	≤-27	PASS
			5360~40000	26823.27	-36.92	≤-27	PASS
		5200	30~5140	4791.5	-45.78	≤-27	PASS
			5360~40000	26492.18	-37.46	≤-27	PASS
		5240	30~5140	4991.98	-45.94	≤-27	PASS
			5360~40000	24315.92	-36.82	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5138.47	-33.67	≤-27	PASS
			5360~40000	26960.33	-37.2	≤-27	PASS
		5230	30~5140	4800.87	-45.79	≤-27	PASS
			5360~40000	26661.69	-37.55	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5127.91	-31.54	≤-27	PASS
			5360~40000	25685.01	-36.95	≤-27	PASS

Test Graphs

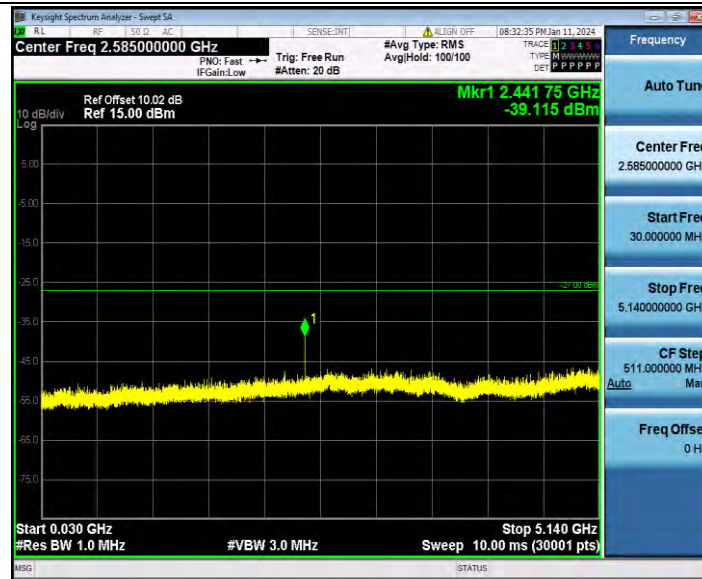
11A_Ant1_5180_30~5140



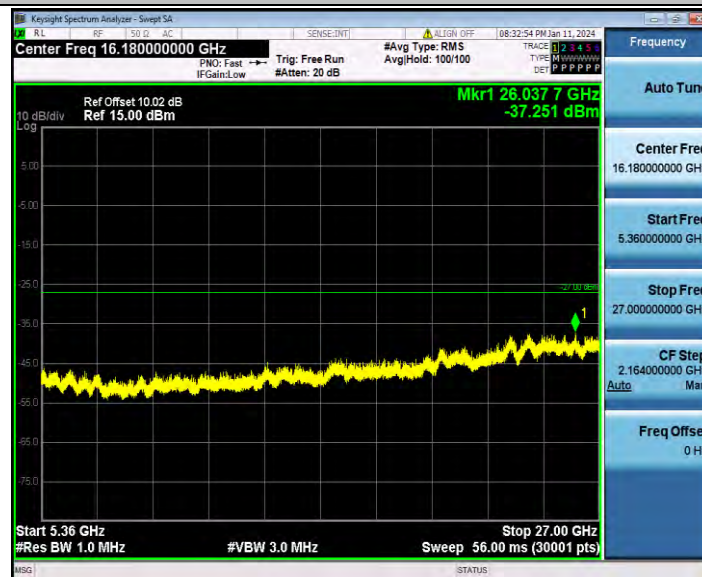
11A_Ant1_5180_5360~40000



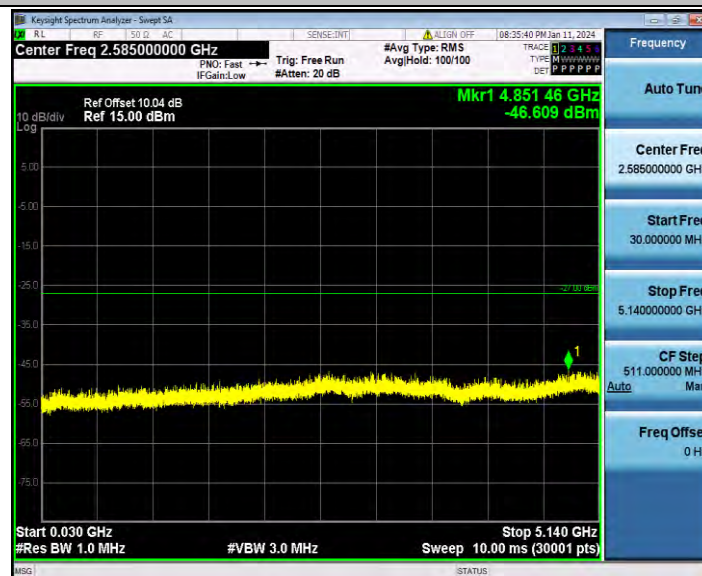
11A_Ant1_5200_30~5140



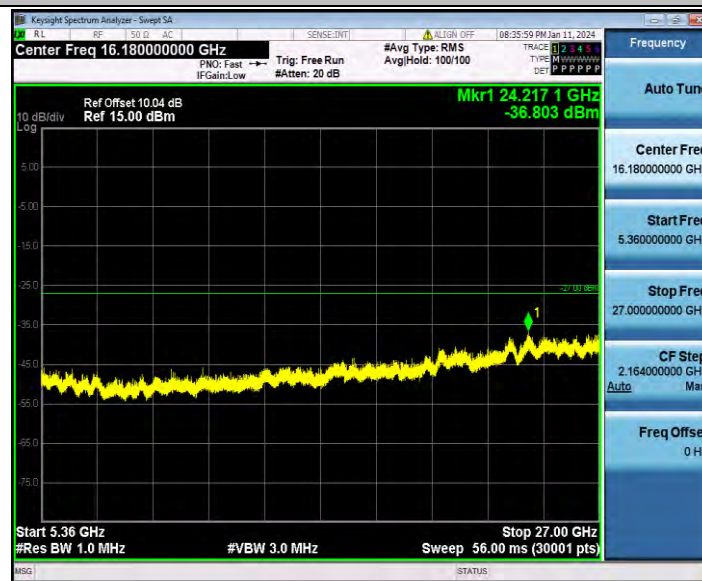
11A_Ant1_5200_5360~40000



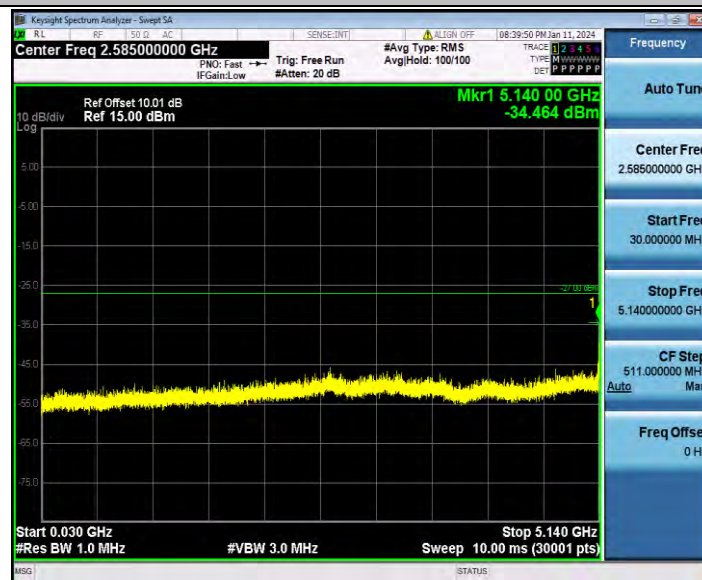
11A_Ant1_5240_30~5140



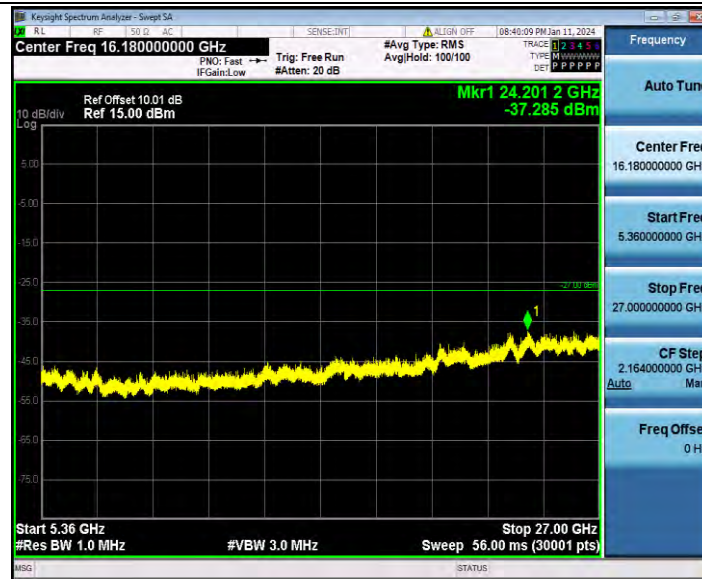
11A_Ant1_5240_5360~40000



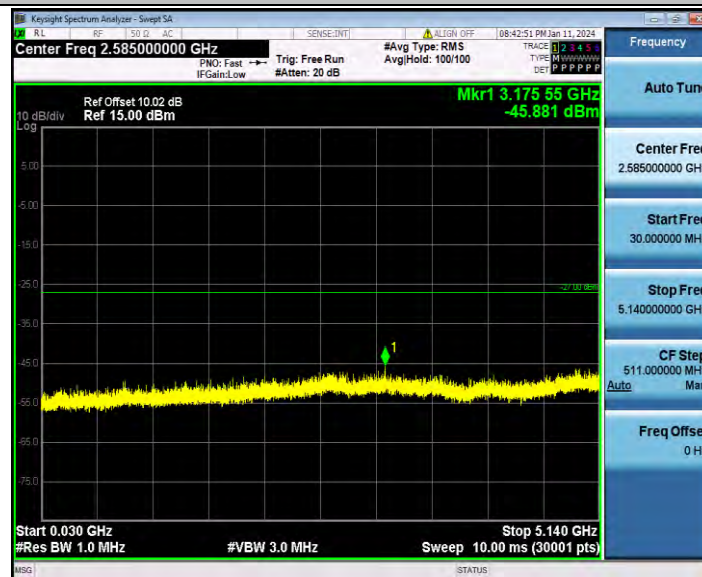
11N20SISO_Ant1_5180_30~5140



11N20SISO_Ant1_5180_5360~40000



11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~40000



11N20SISO_Ant1_5240_30~5140



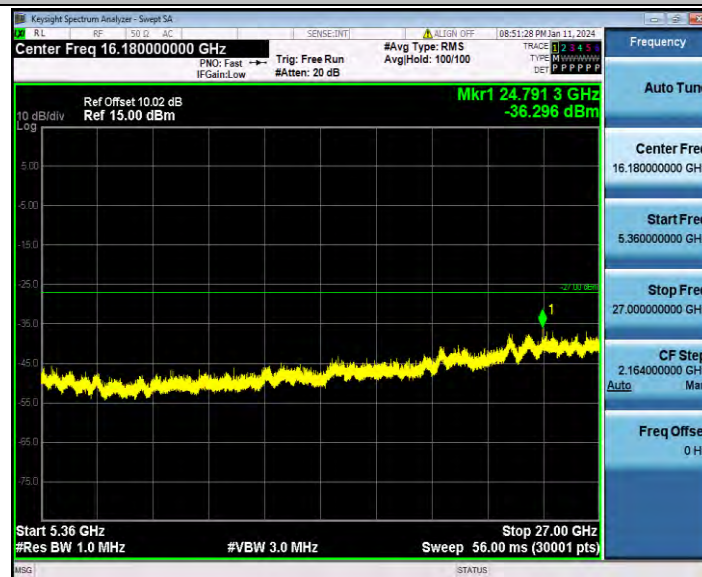
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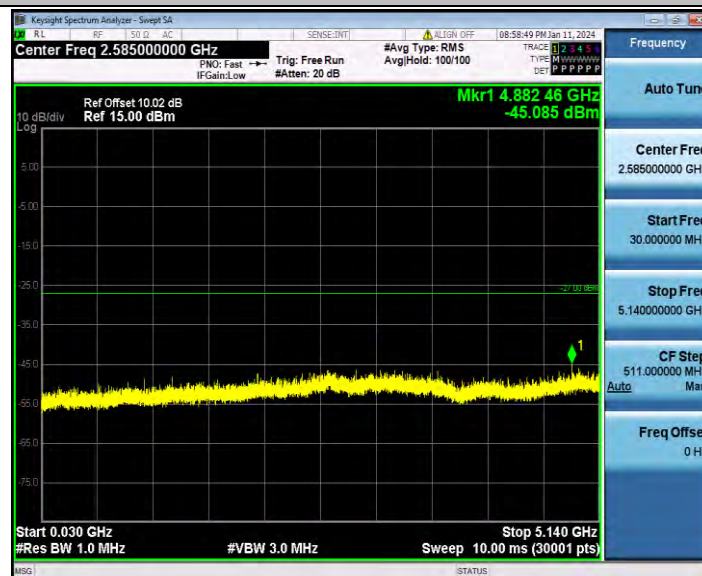
11N40SISO_Ant1_5190_30~5140



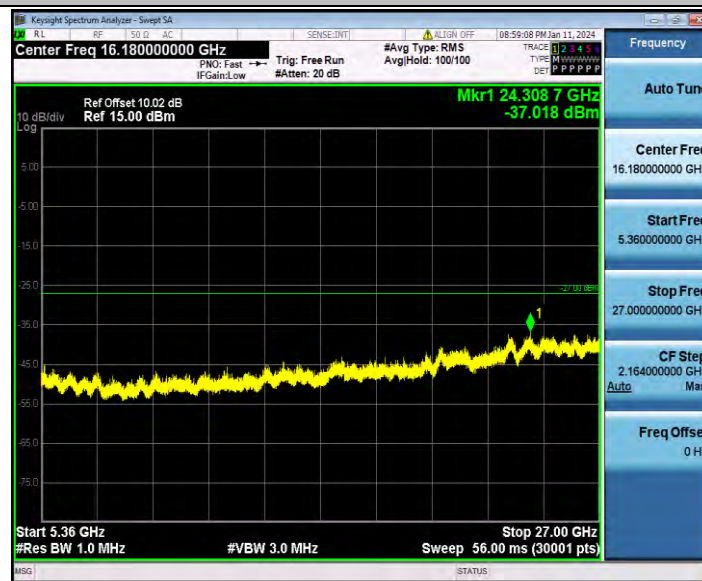
11N40SISO_Ant1_5190_5360~40000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



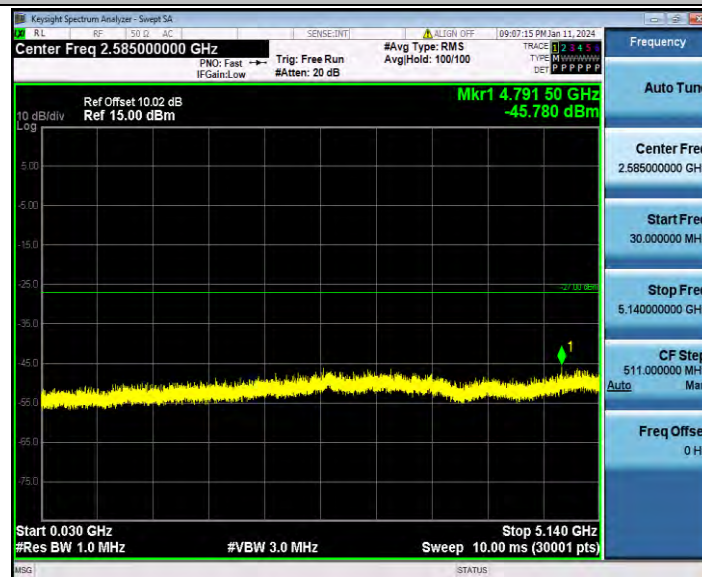
11AC20SISO_Ant1_5180_30~5140



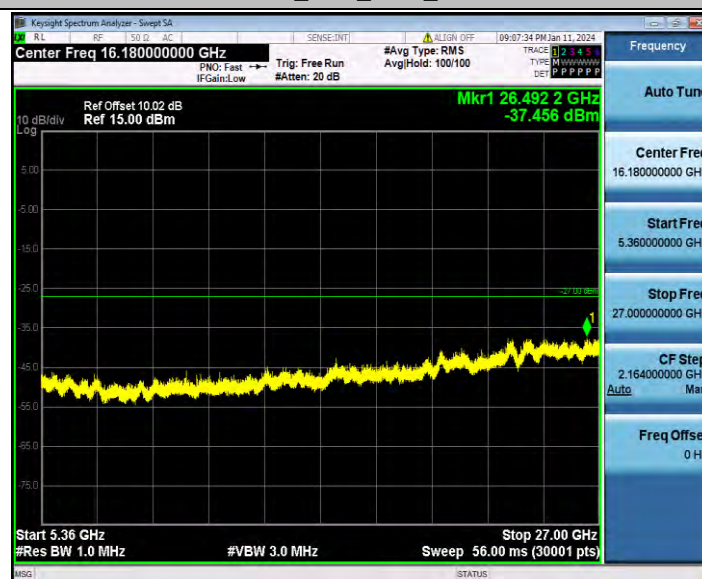
11AC20SISO_Ant1_5180_5360~40000



11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~40000



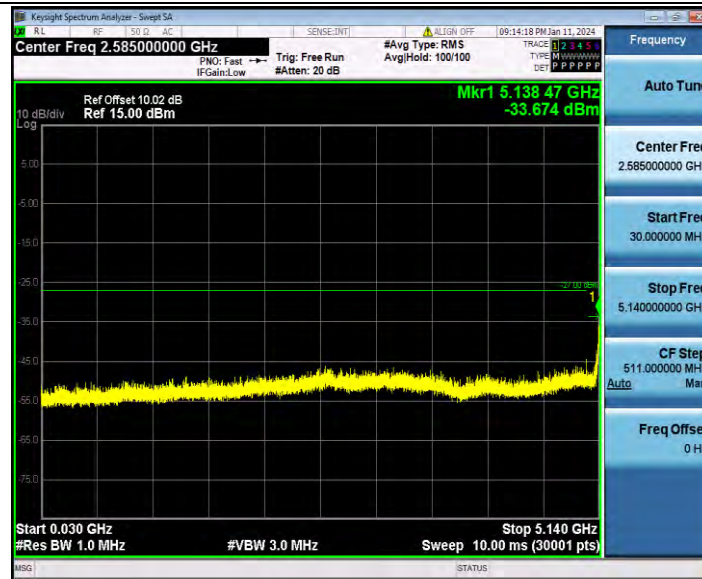
11AC20SISO_Ant1_5240_30~5140



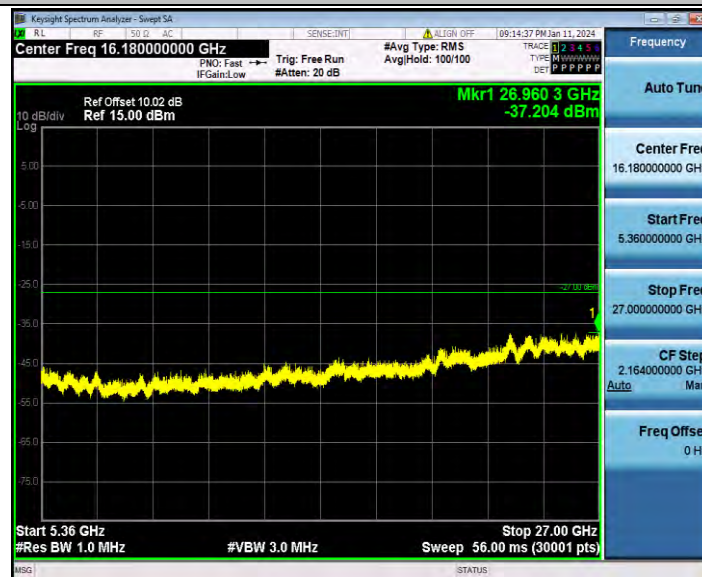
11AC20SISO_Ant1_5240_5360~40000



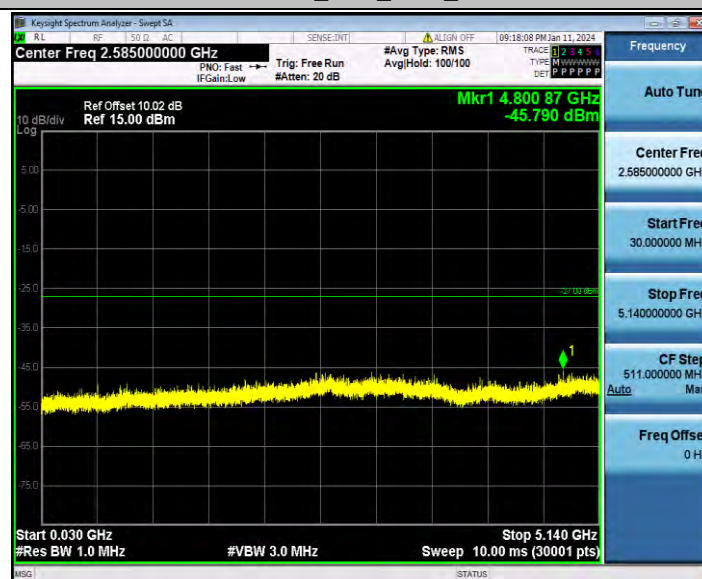
11AC40SISO_Ant1_5190_30~5140



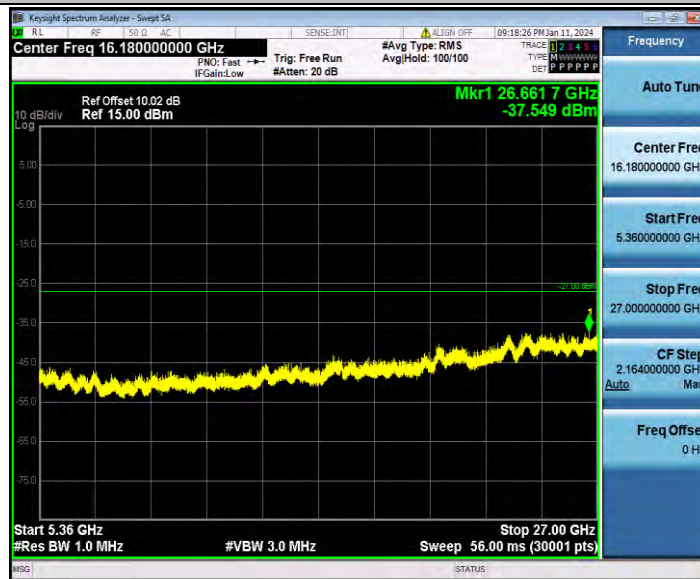
11AC40SISO_Ant1_5190_5360~40000



11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~40000



Appendix D.8: Emissions in Restricted Bands

Test Result

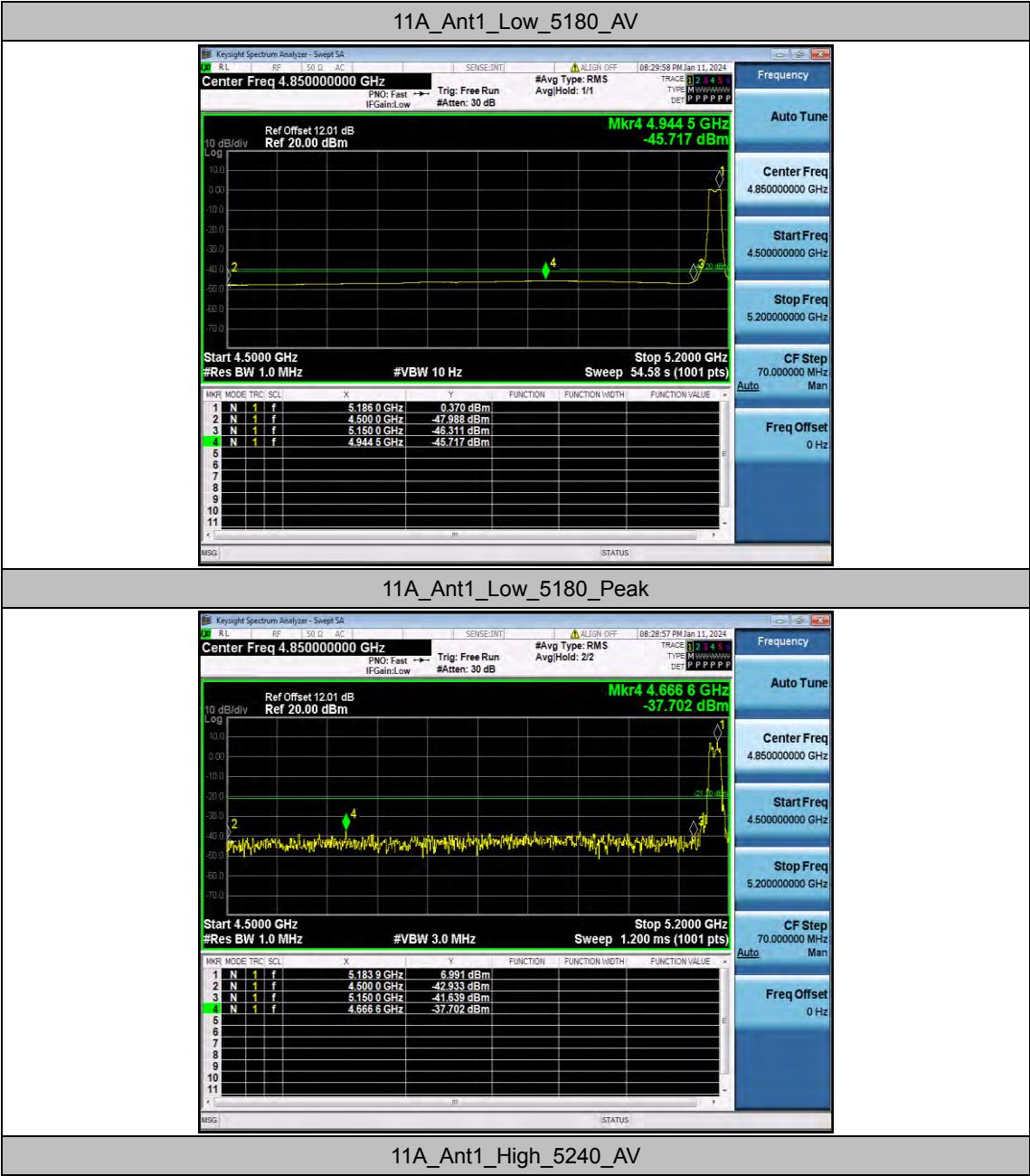
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.99	≤-41.20	47.21	≤54	PASS
				AV	4944.500	-45.72	≤-41.20	49.48	≤54	PASS
				AV	5150.000	-46.31	≤-41.20	48.89	≤54	PASS
				Peak	4500.000	-42.93	≤-21.20	52.27	≤74	PASS
				Peak	4666.600	-37.7	≤-21.20	57.50	≤74	PASS
				Peak	5150.000	-41.64	≤-21.20	53.56	≤74	PASS
		High	5240	AV	5350.000	-46.83	≤-41.20	48.37	≤54	PASS
				AV	5456.400	-45.95	≤-41.20	49.25	≤54	PASS
				AV	5460.000	-45.98	≤-41.20	49.22	≤54	PASS
				Peak	5350.000	-46.15	≤-21.20	49.05	≤74	PASS
				Peak	5410.080	-37.01	≤-21.20	58.19	≤74	PASS
				Peak	5460.000	-43.76	≤-21.20	51.44	≤74	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-47.97	≤-41.20	47.23	≤54	PASS
				AV	4940.300	-45.65	≤-41.20	49.55	≤54	PASS
				AV	5150.000	-47.03	≤-41.20	48.17	≤54	PASS
				Peak	4500.000	-43.73	≤-21.20	51.47	≤74	PASS
				Peak	4840.900	-37.29	≤-21.20	57.91	≤74	PASS
				Peak	5150.000	-40.86	≤-21.20	54.34	≤74	PASS
		High	5240	AV	5350.000	-46.85	≤-41.20	48.35	≤54	PASS
				AV	5460.000	-45.93	≤-41.20	49.27	≤54	PASS
				Peak	5350.000	-44.6	≤-21.20	50.60	≤74	PASS
				Peak	5443.680	-36.62	≤-21.20	58.58	≤74	PASS
				Peak	5460.000	-43.38	≤-21.20	51.82	≤74	PASS
				Peak	5460.000	-43.38	≤-21.20	51.82	≤74	PASS
11N40SISO	Ant1	Low	5190	AV	4500.000	-47.96	≤-41.20	47.24	≤54	PASS
				AV	4943.800	-45.64	≤-41.20	49.56	≤54	PASS
				AV	5150.000	-46.31	≤-41.20	48.89	≤54	PASS
				Peak	4500.000	-44.56	≤-21.20	50.64	≤74	PASS
				Peak	4996.300	-37.07	≤-21.20	58.13	≤74	PASS
				Peak	5150.000	-45.56	≤-21.20	49.64	≤74	PASS
		High	5230	AV	5350.000	-46.79	≤-41.20	48.41	≤54	PASS
				AV	5456.100	-45.86	≤-41.20	49.34	≤54	PASS
				AV	5460.000	-45.89	≤-41.20	49.31	≤54	PASS
				Peak	5350.000	-43.78	≤-21.20	51.42	≤74	PASS
				Peak	5375.760	-36.92	≤-21.20	58.28	≤74	PASS
				Peak	5460.000	-46.18	≤-21.20	49.02	≤74	PASS
11AC20SI	Ant1	Low	5180	AV	4500.000	-47.96	≤-41.20	47.24	≤54	PASS

SO				AV	5149.600	-43.95	≤ -41.20	51.25	≤ 54	PASS
				AV	5150.000	-43.49	≤ -41.20	51.71	≤ 54	PASS
				Peak	4500.000	-46.39	≤ -21.20	48.81	≤ 74	PASS
				Peak	4878.000	-36.26	≤ -21.20	58.94	≤ 74	PASS
				Peak	5150.000	-42	≤ -21.20	53.20	≤ 74	PASS
		High	5240	AV	5350.000	-46.76	≤ -41.20	48.44	≤ 54	PASS
				AV	5452.080	-45.82	≤ -41.20	49.38	≤ 54	PASS
				AV	5460.000	-45.88	≤ -41.20	49.32	≤ 54	PASS
				Peak	5350.000	-43.78	≤ -21.20	51.42	≤ 74	PASS
				Peak	5434.320	-37.43	≤ -21.20	57.77	≤ 74	PASS
				Peak	5460.000	-39.78	≤ -21.20	55.42	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.93	≤ -41.20	47.27	≤ 54	PASS
				AV	4945.200	-45.65	≤ -41.20	49.55	≤ 54	PASS
				AV	5150.000	-46.27	≤ -41.20	48.93	≤ 54	PASS
				Peak	4500.000	-45.19	≤ -21.20	50.01	≤ 74	PASS
				Peak	5029.900	-37.63	≤ -21.20	57.57	≤ 74	PASS
				Peak	5150.000	-42.2	≤ -21.20	53.00	≤ 74	PASS
		High	5230	AV	5350.000	-46.75	≤ -41.20	48.45	≤ 54	PASS
				AV	5452.720	-45.85	≤ -41.20	49.35	≤ 54	PASS
				AV	5460.000	-45.9	≤ -41.20	49.30	≤ 54	PASS
				Peak	5350.000	-42.93	≤ -21.20	52.27	≤ 74	PASS
				Peak	5451.680	-37.48	≤ -21.20	57.72	≤ 74	PASS
				Peak	5460.000	-45.29	≤ -21.20	49.91	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.92	≤ -41.20	47.28	≤ 54	PASS
				AV	4945.500	-45.63	≤ -41.20	49.57	≤ 54	PASS
				AV	5150.000	-46.88	≤ -41.20	48.32	≤ 54	PASS
				Peak	4500.000	-45.56	≤ -21.20	49.64	≤ 74	PASS
				Peak	4918.500	-37.1	≤ -21.20	58.10	≤ 74	PASS
				Peak	5150.000	-42.64	≤ -21.20	52.56	≤ 74	PASS
		High	5210	AV	5350.000	-46.72	≤ -41.20	48.48	≤ 54	PASS
				AV	5456.640	-45.84	≤ -41.20	49.36	≤ 54	PASS
				AV	5460.000	-45.9	≤ -41.20	49.30	≤ 54	PASS
				Peak	5350.000	-42.99	≤ -21.20	52.21	≤ 74	PASS
				Peak	5442.640	-37.3	≤ -21.20	57.90	≤ 74	PASS
				Peak	5460.000	-41.63	≤ -21.20	53.57	≤ 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



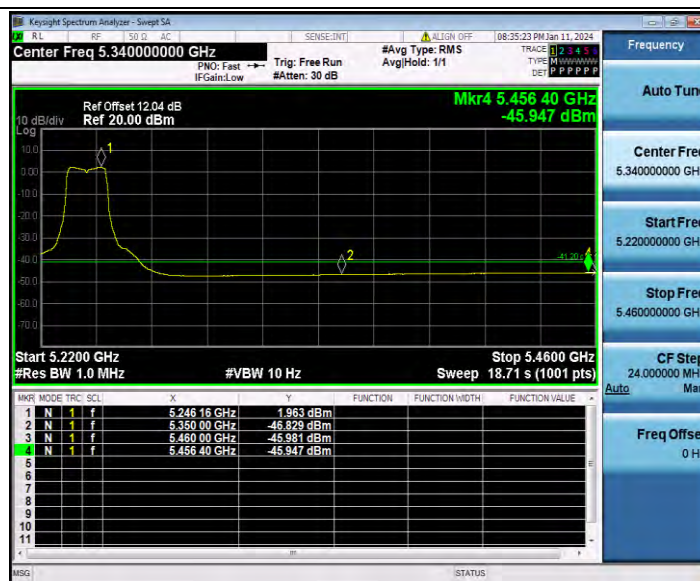
11A_Ant1_Low_5180_Peak

Frequency

Auto Tune

Center Freq
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4.500000000 GHzStop Freq
5.200000000 GHzCF Step
70.000000 MHz
AutoFreq Offset
0 Hz

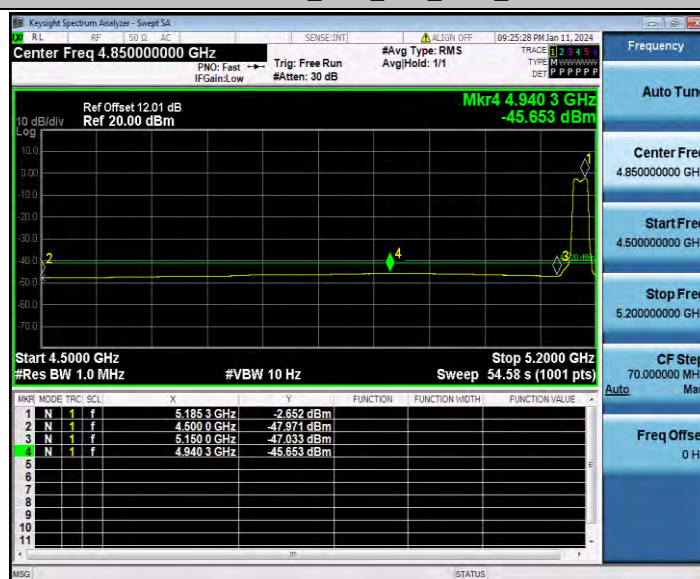
11A_Ant1_High_5240_AV



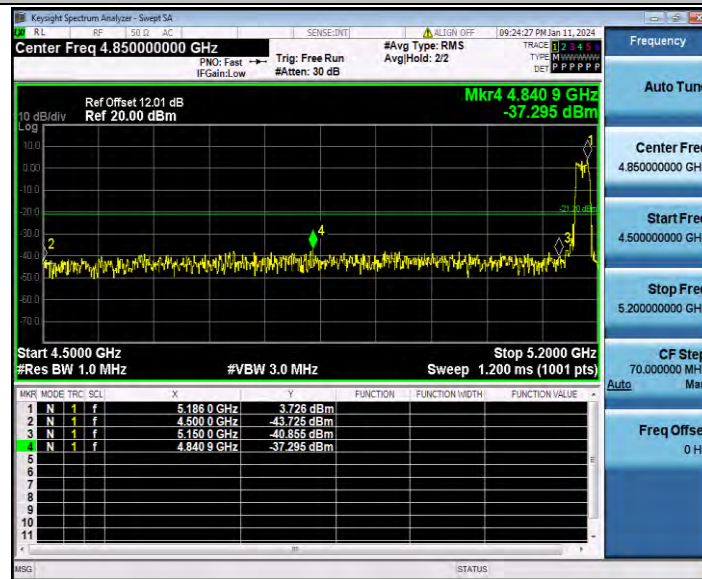
11A_Ant1_High_5240_Peak



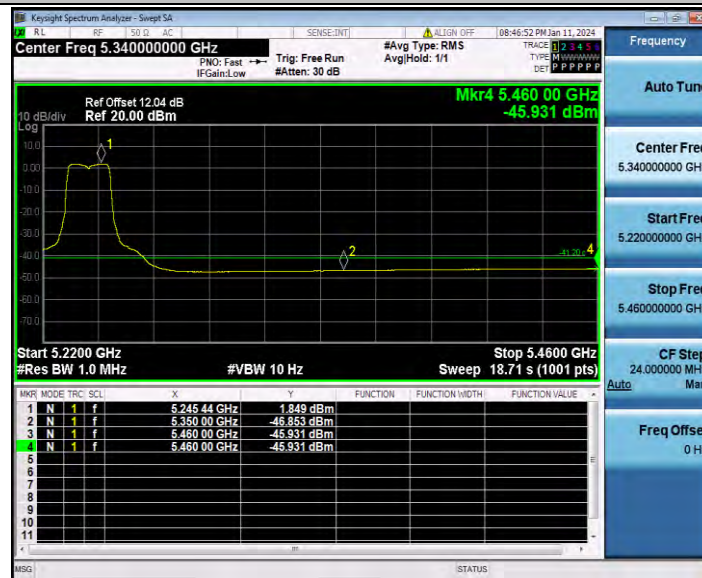
11N20SISO_Ant1_Low_5180_AV



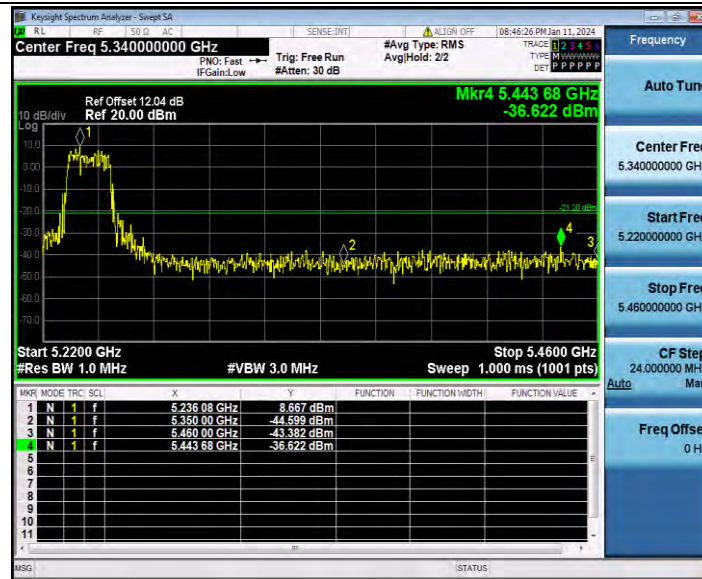
11N20SISO_Ant1_Low_5180_Peak



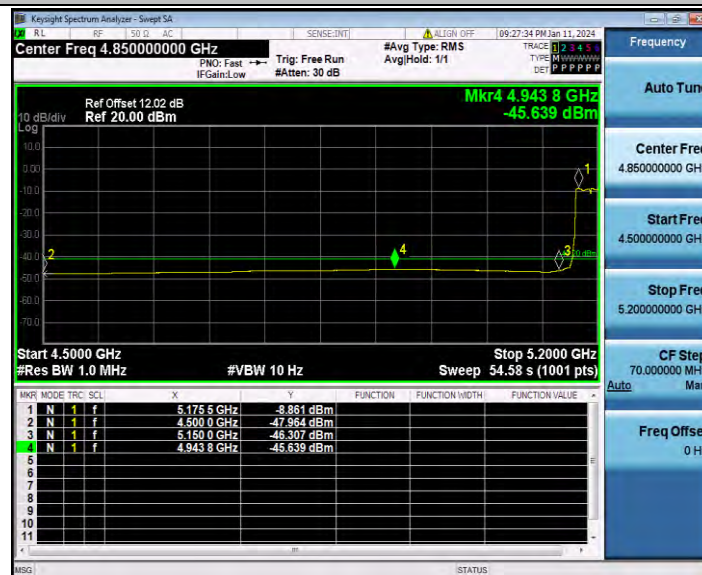
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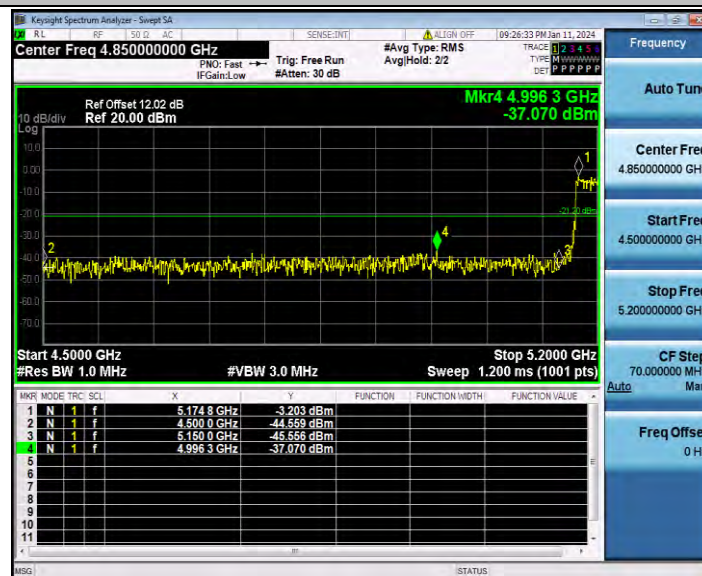
11N20SISO_Ant1_High_5240_Peak

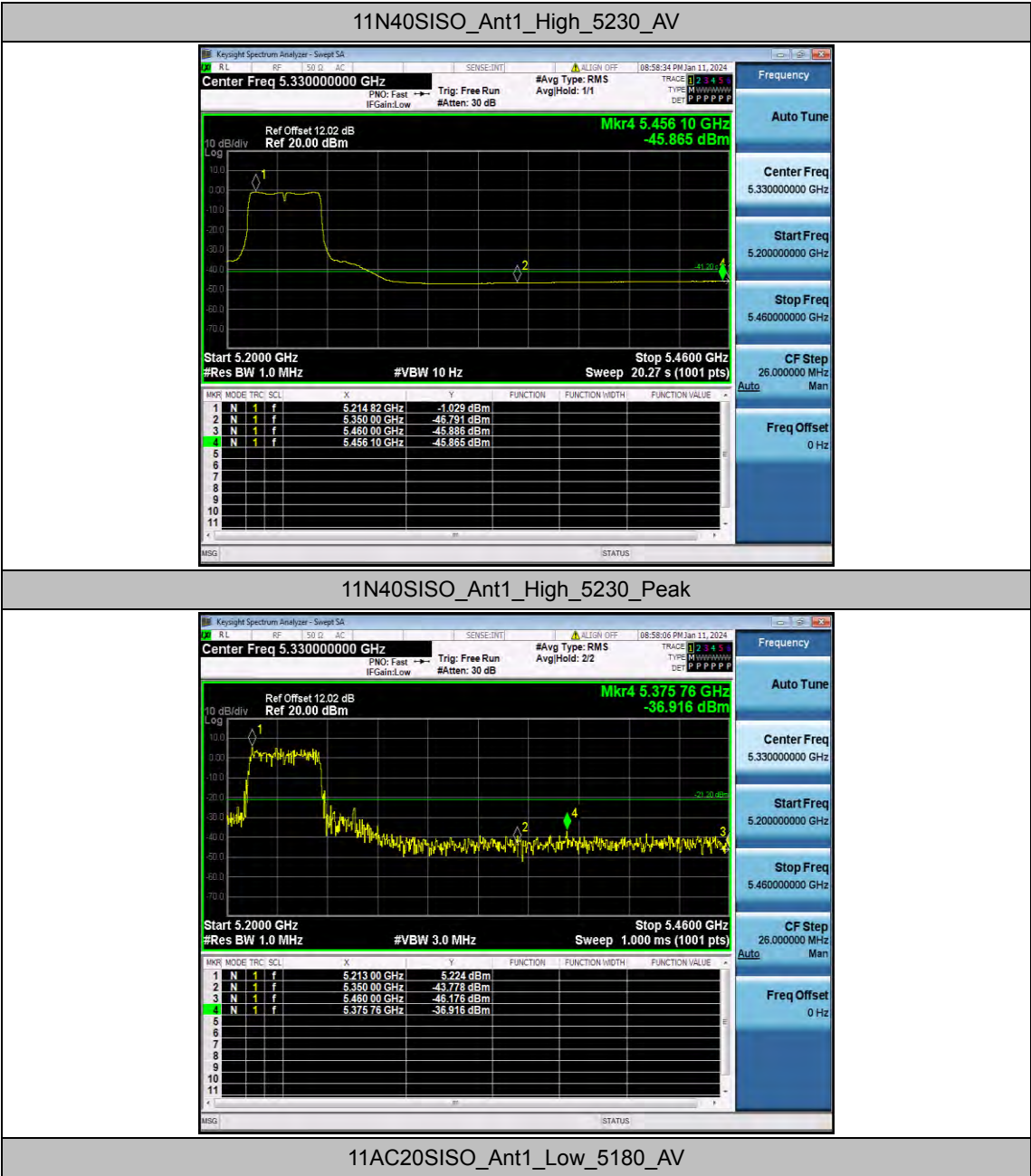


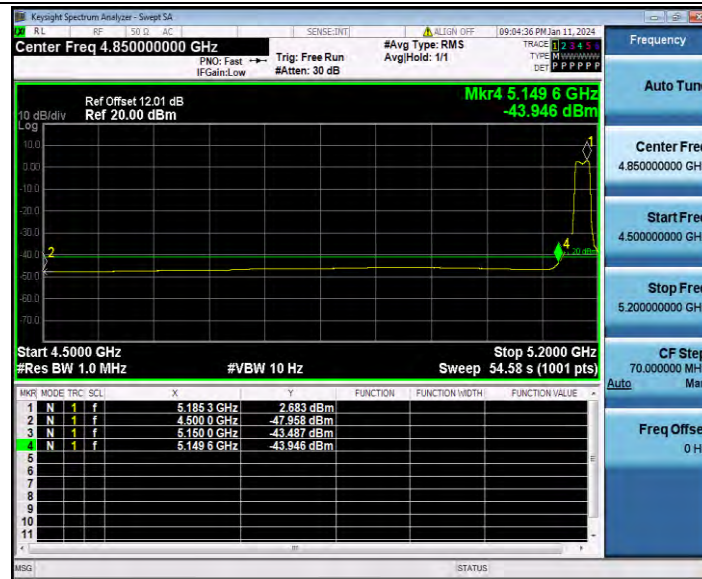
11N40SISO_Ant1_Low_5190_AV



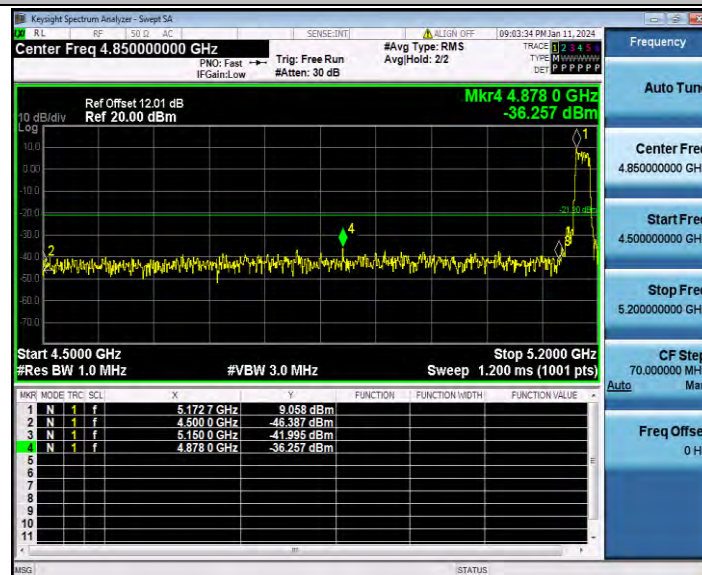
11N40SISO_Ant1_Low_5190_Peak







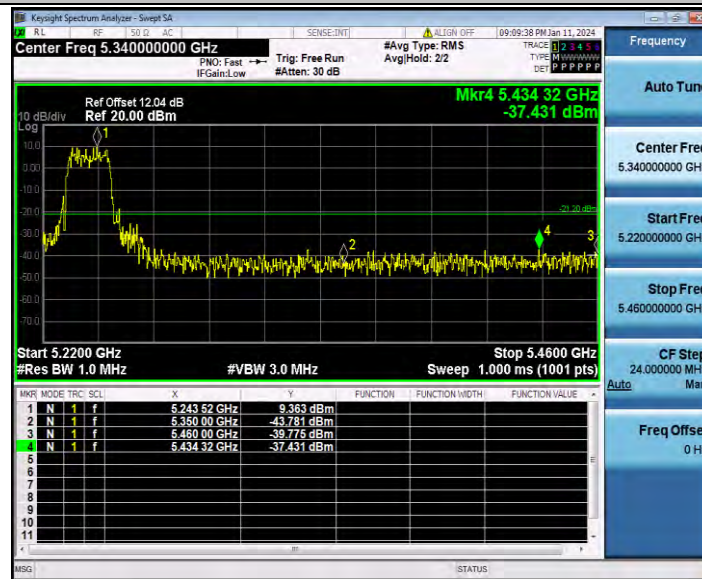
11AC20SISO_Ant1_Low_5180_Peak



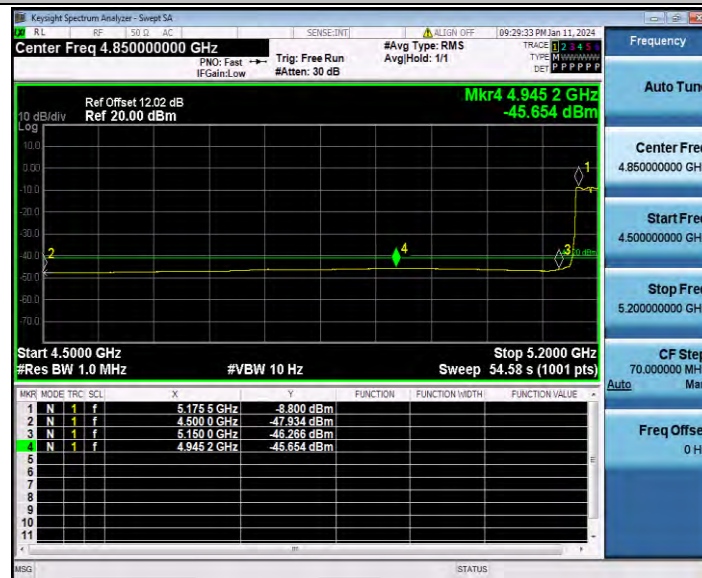
11AC20SISO_Ant1_High_5240_AV



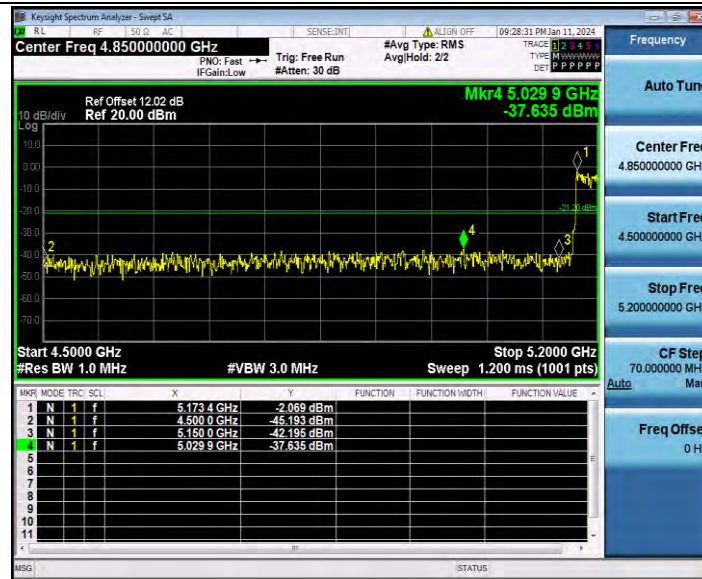
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11AC40SISO_Ant1_Low_5190_AV



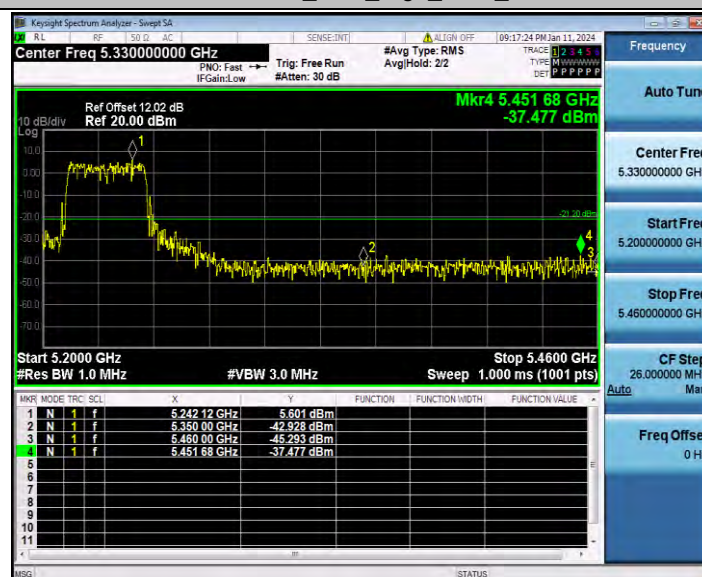
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



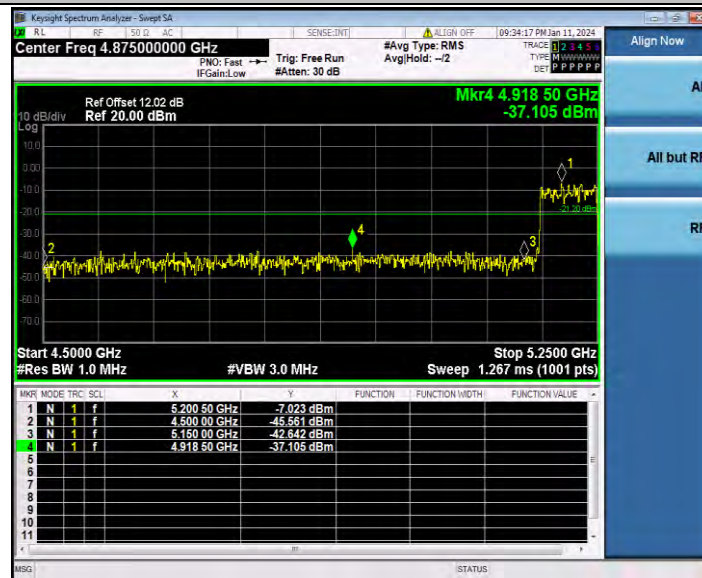
11AC40SISO_Ant1_High_5230_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV

