

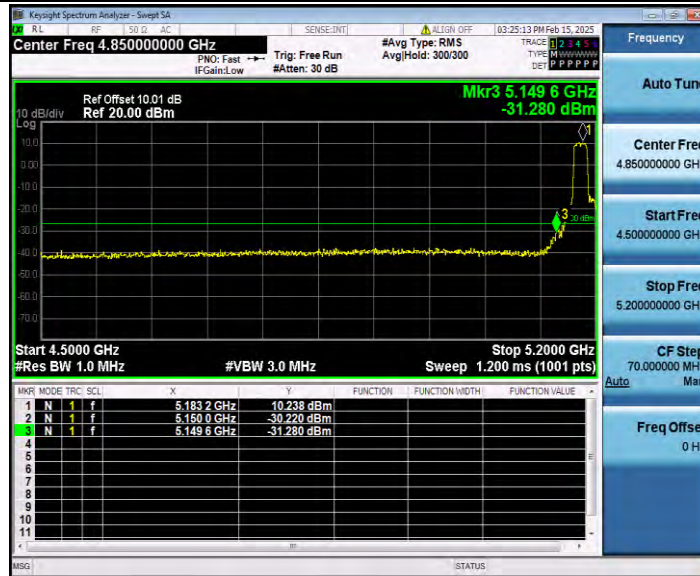
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-31.28	≤ -27	PASS
		High	5240	-37.43	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-34.59	≤ -27	PASS
		High	5240	-37.78	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-32.63	≤ -27	PASS
		High	5230	-37.44	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-32.3	≤ -27	PASS
		High	5240	-37.24	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-34.24	≤ -27	PASS
		High	5230	-37.18	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-30.05	≤ -27	PASS
		High	5210	-37.18	≤ -27	PASS

Test Graphs B1

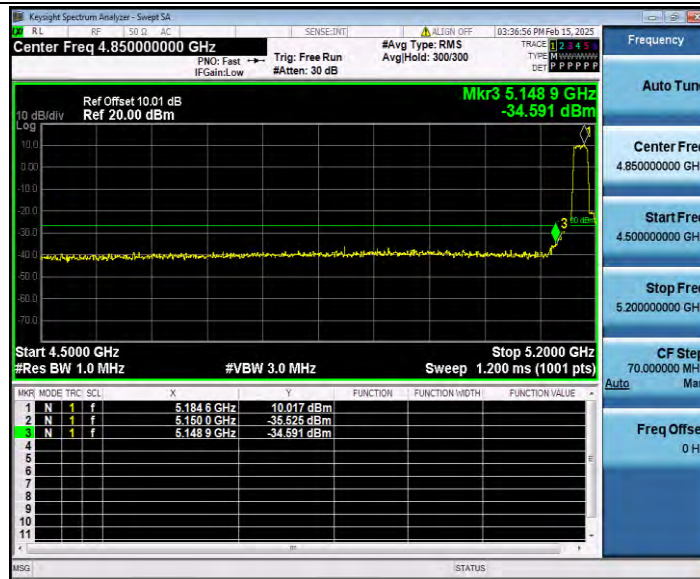
11A_Ant1_Low_5180



11A_Ant1_High_5240



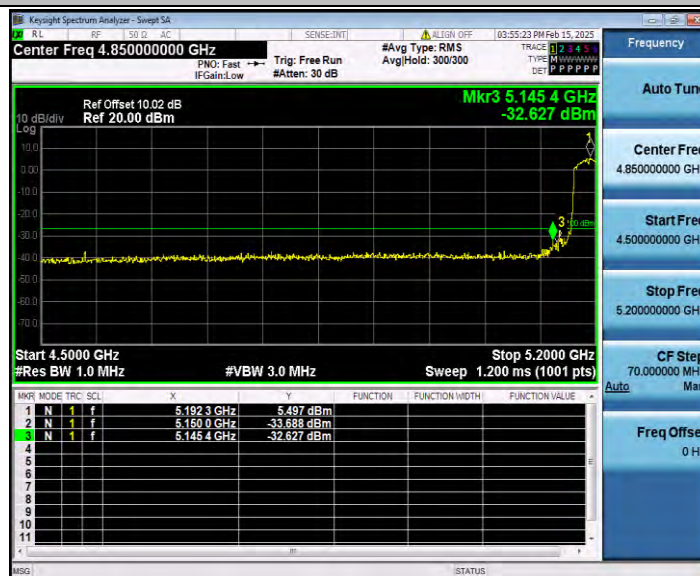
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



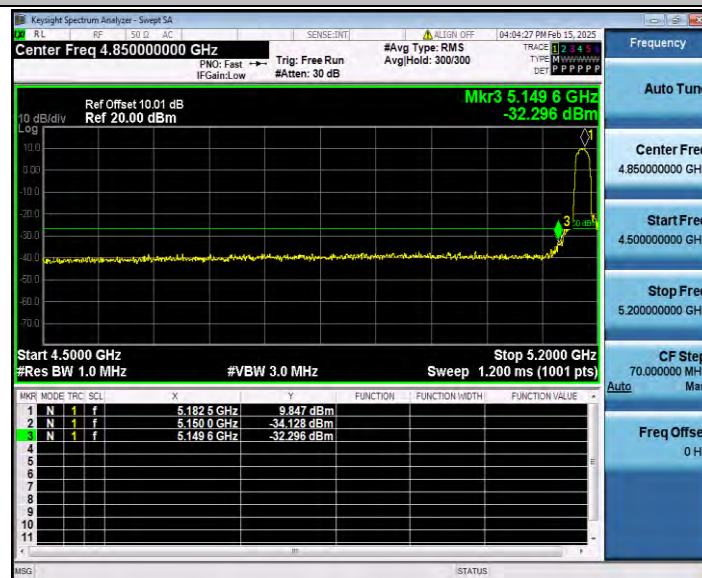
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



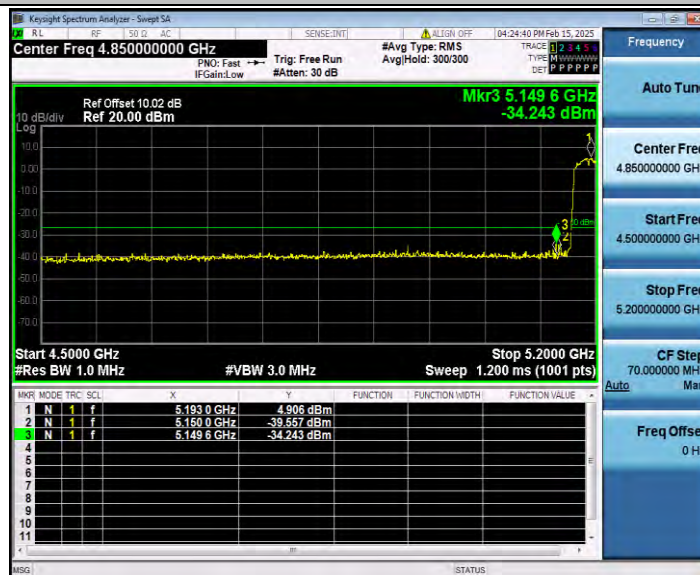
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



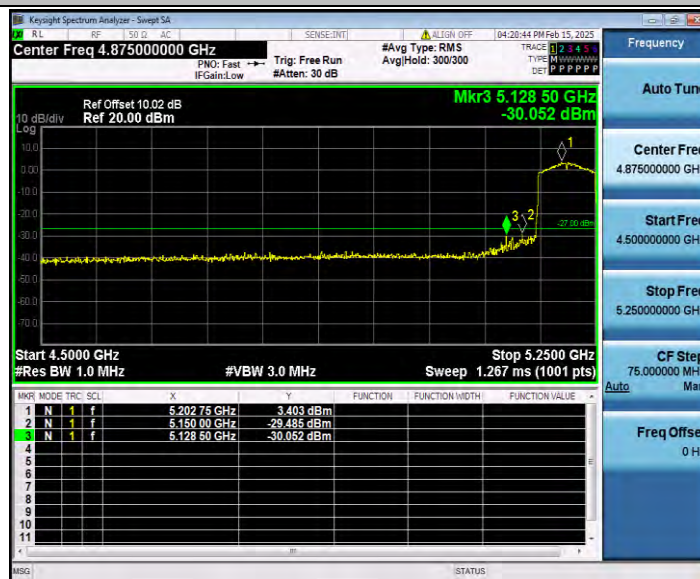
11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



Appendix D.7: Conducted Spurious Emission

Test Result

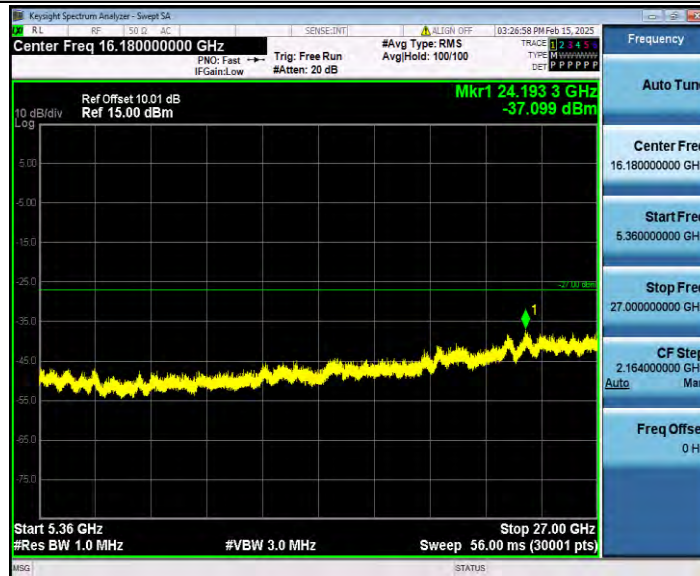
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5139.66	-39.79	≤-27	PASS
			5360~27000	24193.29	-37.1	≤-27	PASS
		5200	30~5140	5026.9	-45.34	≤-27	PASS
			5360~27000	24249.56	-36.76	≤-27	PASS
		5240	30~5140	2619.41	-46.73	≤-27	PASS
			5360~27000	24756.65	-37.27	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5140	-44.24	≤-27	PASS
			5360~27000	25195.22	-37.51	≤-27	PASS
		5200	30~5140	2605.1	-39.75	≤-27	PASS
			5360~27000	26935.8	-37.24	≤-27	PASS
		5240	30~5140	2659.27	-46.27	≤-27	PASS
			5360~27000	23528.94	-37.46	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5139.66	-37.08	≤-27	PASS
			5360~27000	26830.49	-37.51	≤-27	PASS
		5230	30~5140	5139.83	-45.41	≤-27	PASS
			5360~27000	26906.95	-37.22	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5138.81	-42.15	≤-27	PASS
			5360~27000	25249.32	-37.33	≤-27	PASS
		5200	30~5140	5138.47	-44.81	≤-27	PASS
			5360~27000	24291.39	-37.03	≤-27	PASS
		5240	30~5140	3295.29	-46.28	≤-27	PASS
			5360~27000	26769.89	-36.84	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5140	-33.94	≤-27	PASS
			5360~27000	25065.38	-36.79	≤-27	PASS
		5230	30~5140	5121.6	-45.63	≤-27	PASS
			5360~27000	25615.76	-37.01	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5134.55	-33.5	≤-27	PASS
			5360~27000	25249.32	-37.33	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



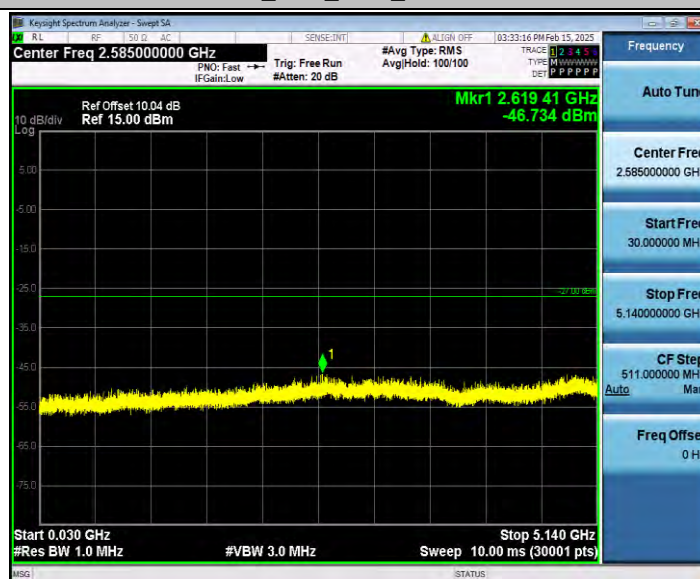
11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



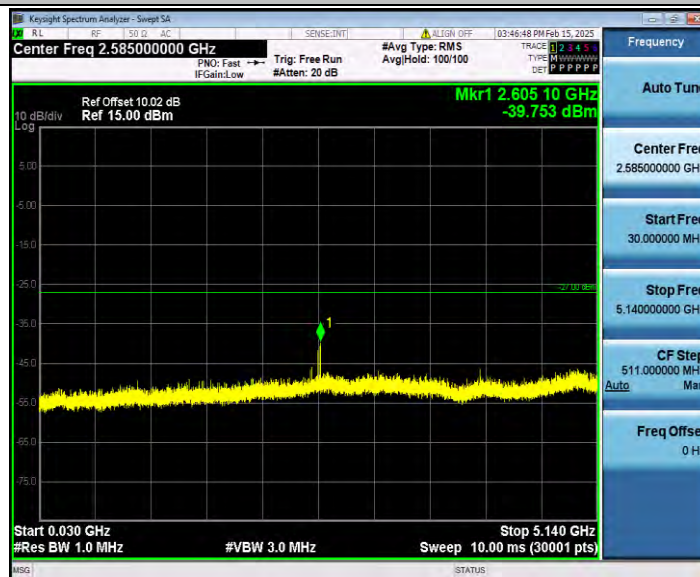
11N20SISO_Ant1_5180_30~5140



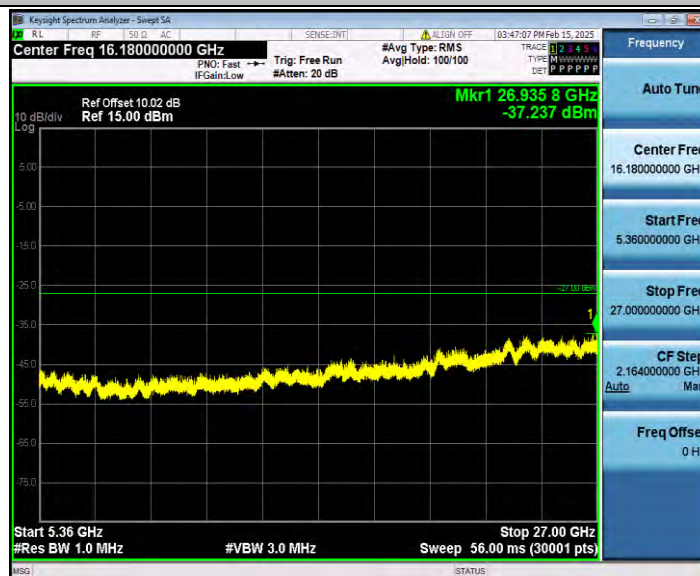
11N20SISO_Ant1_5180_5360~27000



11N20SISO_Ant1_5200_30~5140



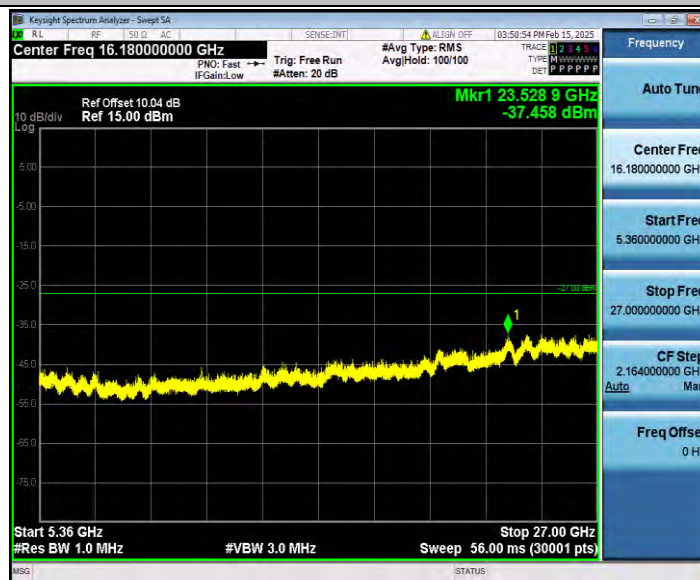
11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



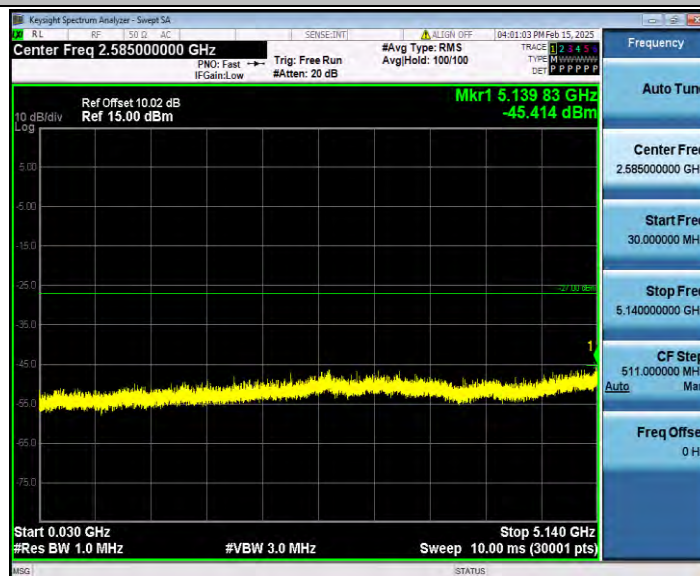
11N40SISO_Ant1_5190_30~5140

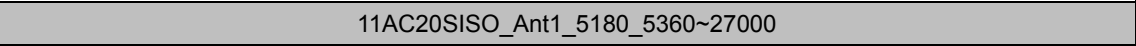
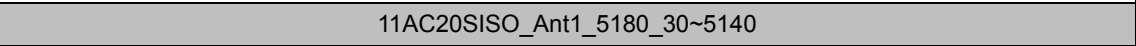


11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



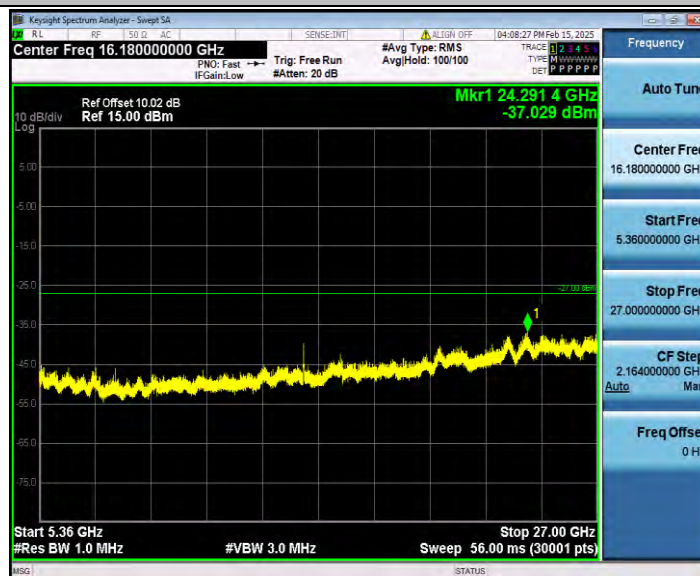




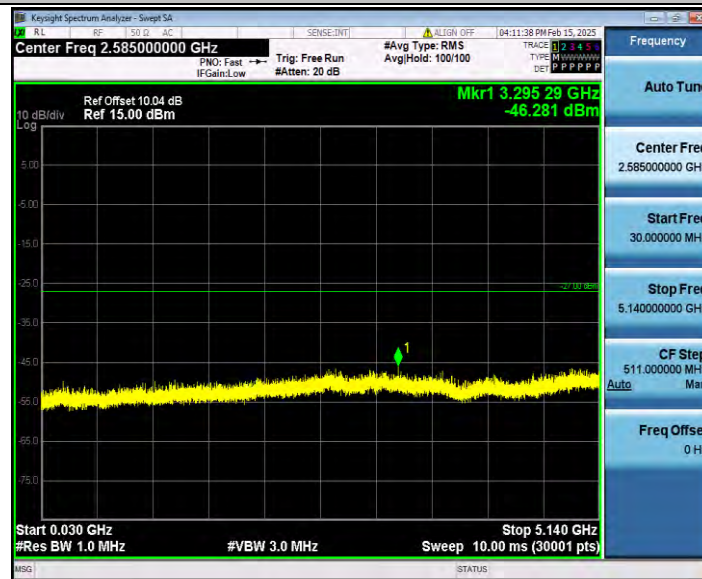
11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



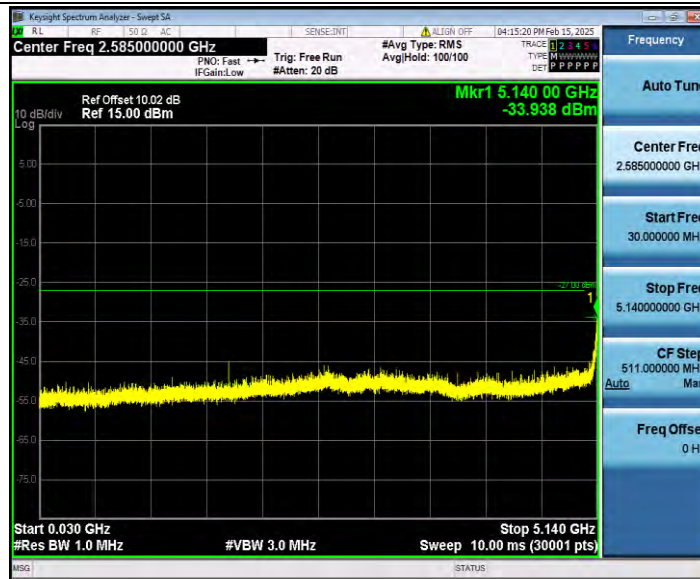
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



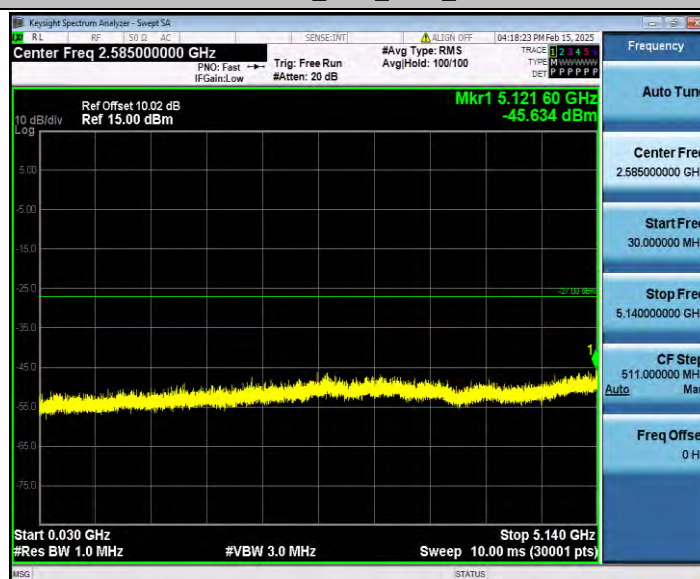
11AC40SISO_Ant1_5190_30~5140



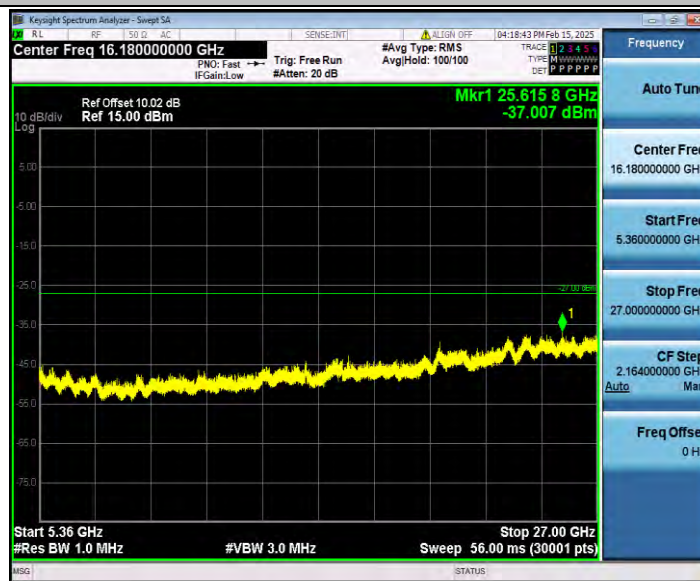
11AC40SISO_Ant1_5190_5360~27000



11AC40SISO_Ant1_5230_30~5140



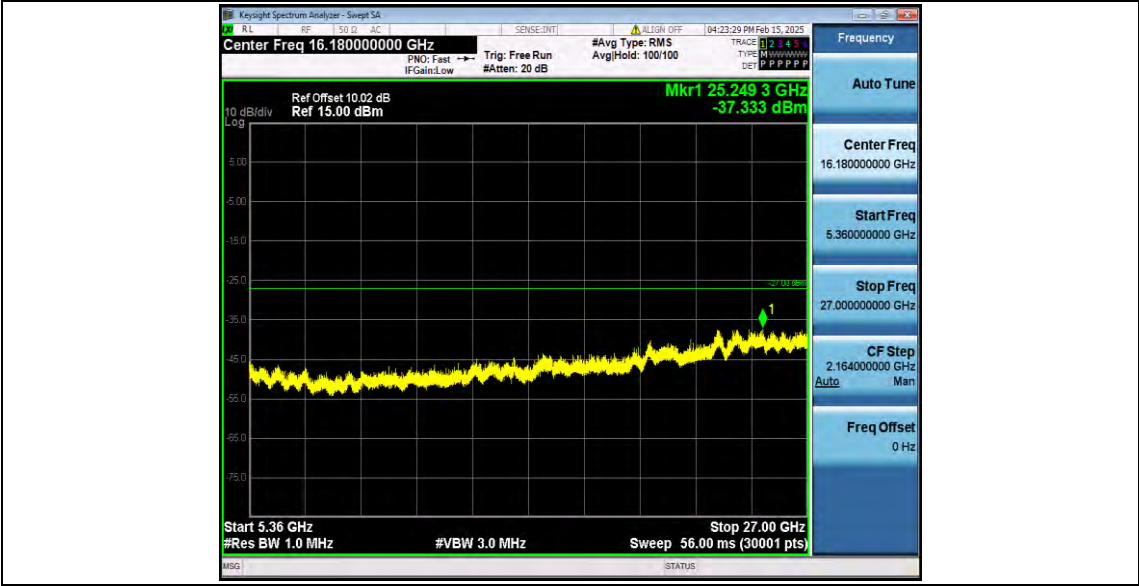
11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000



Appendix D.8: Emissions in Restricted Bands

Test Result

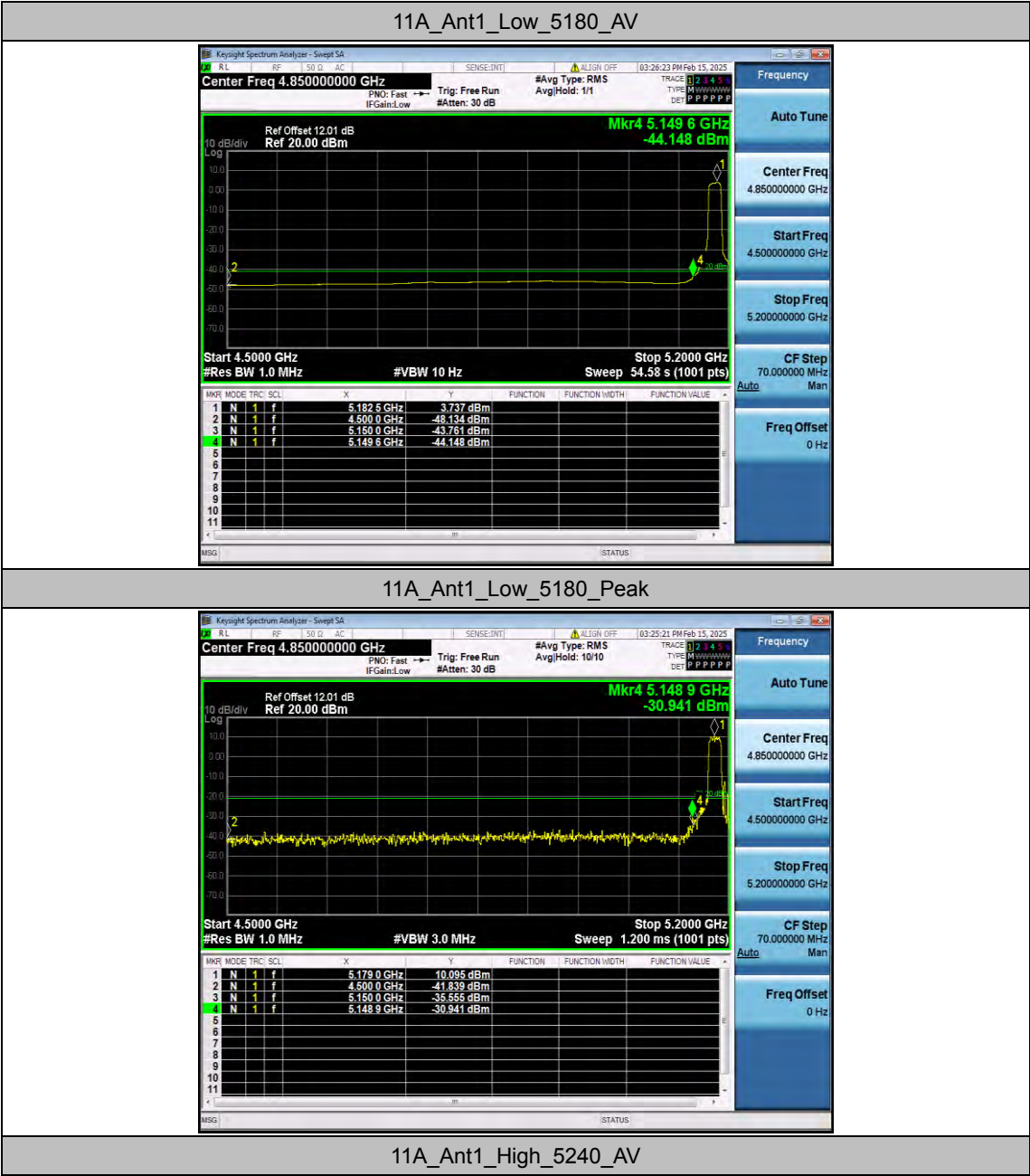
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-48.13	≤-41.20	47.07	≤54	PASS
				AV	5149.600	-44.15	≤-41.20	51.05	≤54	PASS
				AV	5150.000	-43.76	≤-41.20	51.44	≤54	PASS
				Peak	4500.000	-41.84	≤-21.20	53.36	≤74	PASS
				Peak	5148.900	-30.94	≤-21.20	64.26	≤74	PASS
				Peak	5150.000	-35.56	≤-21.20	59.64	≤74	PASS
		High	5240	AV	5350.000	-46.86	≤-41.20	48.34	≤54	PASS
				AV	5457.360	-45.97	≤-41.20	49.23	≤54	PASS
				AV	5460.000	-46.03	≤-41.20	49.17	≤54	PASS
				Peak	5350.000	-42.37	≤-21.20	52.83	≤74	PASS
				Peak	5394.000	-37.2	≤-21.20	58.00	≤74	PASS
				Peak	5460.000	-40.07	≤-21.20	55.13	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-48.02	≤-41.20	47.18	≤54	PASS
				AV	5149.600	-45.66	≤-41.20	49.54	≤54	PASS
				AV	5150.000	-45.45	≤-41.20	49.75	≤54	PASS
				Peak	4500.000	-42.09	≤-21.20	53.11	≤74	PASS
				Peak	4936.100	-36.78	≤-21.20	58.42	≤74	PASS
				Peak	5150.000	-41.92	≤-21.20	53.28	≤74	PASS
		High	5240	AV	5350.000	-46.83	≤-41.20	48.37	≤54	PASS
				AV	5449.680	-45.92	≤-41.20	49.28	≤54	PASS
				AV	5460.000	-46	≤-41.20	49.20	≤54	PASS
				Peak	5350.000	-39.7	≤-21.20	55.50	≤74	PASS
				Peak	5371.920	-37.66	≤-21.20	57.54	≤74	PASS
				Peak	5460.000	-40.06	≤-21.20	55.14	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.89	≤-41.20	47.31	≤54	PASS
				AV	5149.600	-44.98	≤-41.20	50.22	≤54	PASS
				AV	5150.000	-44.82	≤-41.20	50.38	≤54	PASS
				Peak	4500.000	-40.24	≤-21.20	54.96	≤74	PASS
				Peak	5137.000	-34.89	≤-21.20	60.31	≤74	PASS
				Peak	5150.000	-38.31	≤-21.20	56.89	≤74	PASS
		High	5230	AV	5350.000	-46.44	≤-41.20	48.76	≤54	PASS
				AV	5458.700	-45.81	≤-41.20	49.39	≤54	PASS
				AV	5460.000	-45.86	≤-41.20	49.34	≤54	PASS
				Peak	5350.000	-41.79	≤-21.20	53.41	≤74	PASS
				Peak	5454.280	-35.8	≤-21.20	59.40	≤74	PASS
				Peak	5460.000	-40.63	≤-21.20	54.57	≤74	PASS

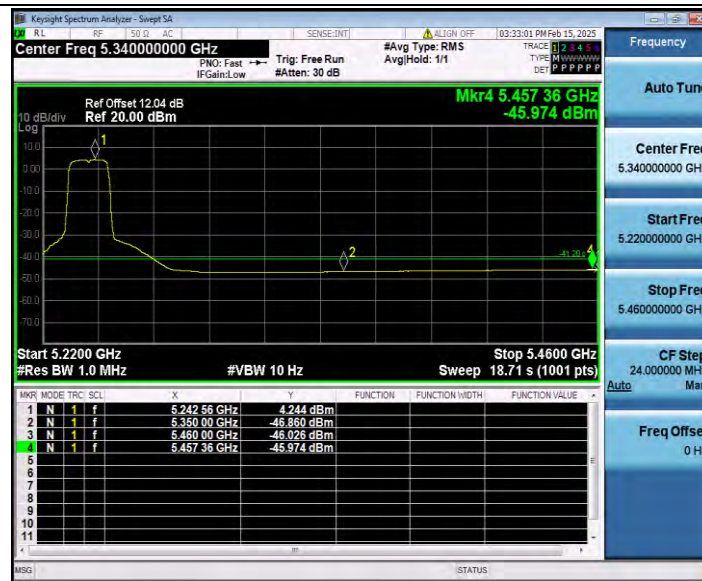
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.86	≤ -41.20	47.34	≤ 54	PASS
				AV	5149.600	-45.18	≤ -41.20	50.02	≤ 54	PASS
				AV	5150.000	-44.99	≤ -41.20	50.21	≤ 54	PASS
				Peak	4500.000	-42.5	≤ -21.20	52.70	≤ 74	PASS
				Peak	5148.900	-35.06	≤ -21.20	60.14	≤ 74	PASS
				Peak	5150.000	-41.41	≤ -21.20	53.79	≤ 74	PASS
		High	5240	AV	5350.000	-46.48	≤ -41.20	48.72	≤ 54	PASS
				AV	5457.120	-45.78	≤ -41.20	49.42	≤ 54	PASS
				AV	5460.000	-45.86	≤ -41.20	49.34	≤ 54	PASS
				Peak	5350.000	-41.83	≤ -21.20	53.37	≤ 74	PASS
				Peak	5446.320	-36.29	≤ -21.20	58.91	≤ 74	PASS
				Peak	5460.000	-41.29	≤ -21.20	53.91	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.88	≤ -41.20	47.32	≤ 54	PASS
				AV	4943.800	-45.6	≤ -41.20	49.60	≤ 54	PASS
				AV	5150.000	-46.34	≤ -41.20	48.86	≤ 54	PASS
				Peak	4500.000	-42.62	≤ -21.20	52.58	≤ 74	PASS
				Peak	5005.400	-36.46	≤ -21.20	58.74	≤ 74	PASS
				Peak	5150.000	-40.5	≤ -21.20	54.70	≤ 74	PASS
		High	5230	AV	5350.000	-46.48	≤ -41.20	48.72	≤ 54	PASS
				AV	5456.620	-45.82	≤ -41.20	49.38	≤ 54	PASS
				AV	5460.000	-45.87	≤ -41.20	49.33	≤ 54	PASS
				Peak	5350.000	-40.23	≤ -21.20	54.97	≤ 74	PASS
				Peak	5400.720	-35.59	≤ -21.20	59.61	≤ 74	PASS
				Peak	5460.000	-38.72	≤ -21.20	56.48	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.9	≤ -41.20	47.30	≤ 54	PASS
				AV	5149.500	-43.24	≤ -41.20	51.96	≤ 54	PASS
				AV	5150.000	-43.21	≤ -41.20	51.99	≤ 54	PASS
				Peak	4500.000	-42.05	≤ -21.20	53.15	≤ 74	PASS
				Peak	5126.250	-32.73	≤ -21.20	62.47	≤ 74	PASS
				Peak	5150.000	-36.78	≤ -21.20	58.42	≤ 74	PASS
		High	5210	AV	5350.000	-46.28	≤ -41.20	48.92	≤ 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	-39.22	≤ -21.20	55.98	≤ 74	PASS
				Peak	5432.000	-37.13	≤ -21.20	58.07	≤ 74	PASS
				Peak	5460.000	-41.06	≤ -21.20	54.14	≤ 74	PASS

Note:

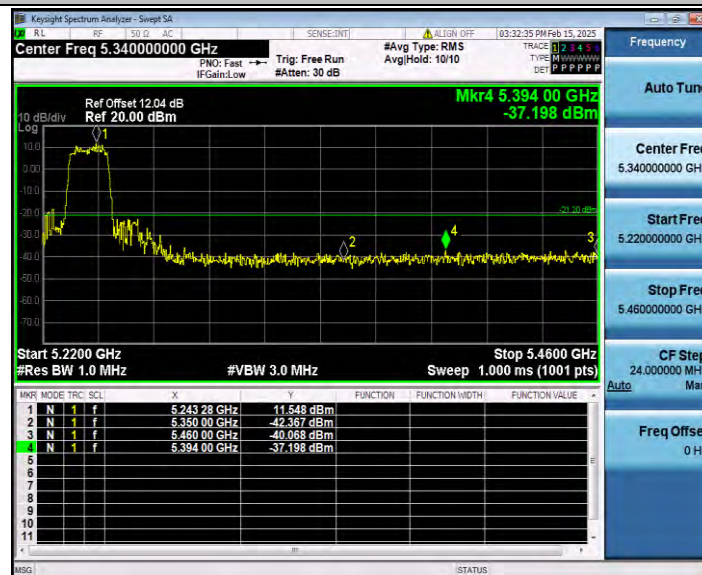
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs

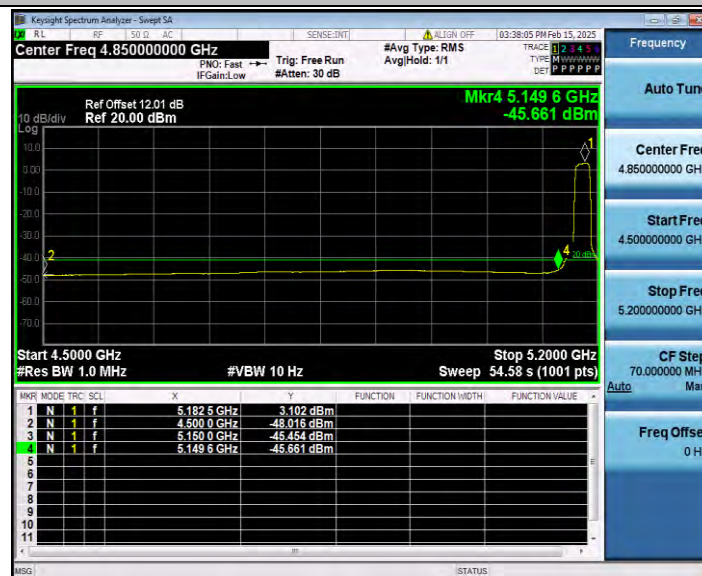




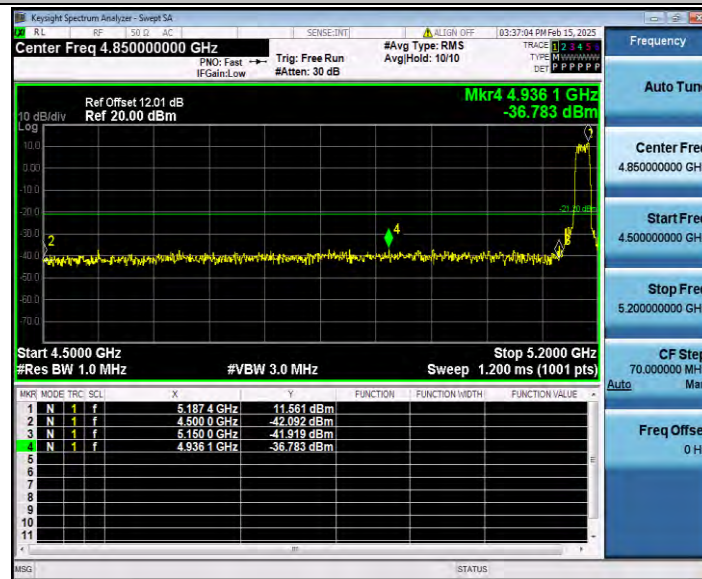
11A_Ant1_High_5240_Peak



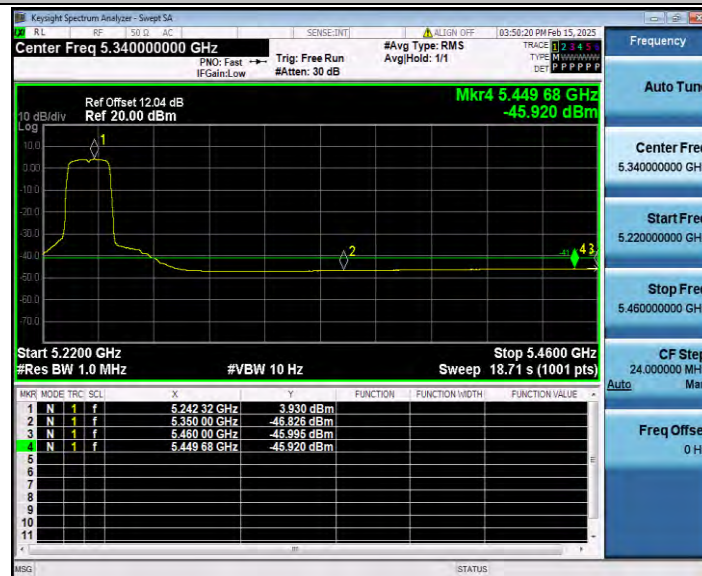
11N20SISO_Ant1_Low_5180_AV



11N20SISO_Ant1_Low_5180_Peak



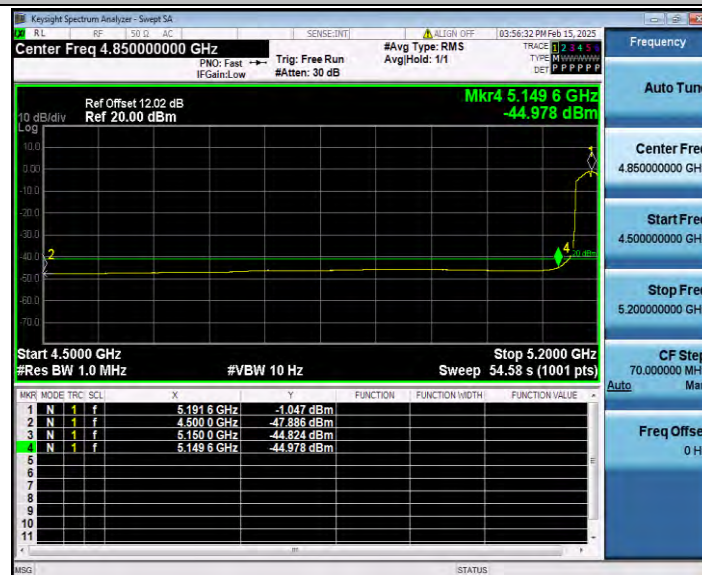
11N20SISO_Ant1_High_5240_AV



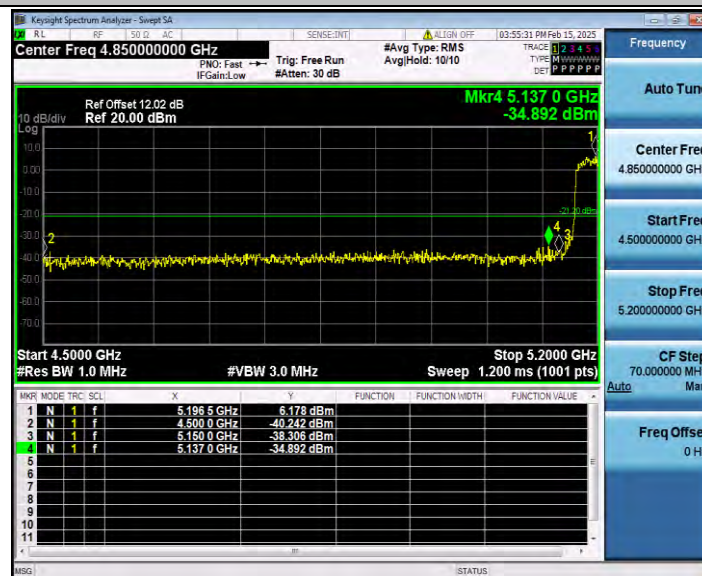
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_Low_5190_AV



11N40SISO_Ant1_Low_5190_Peak



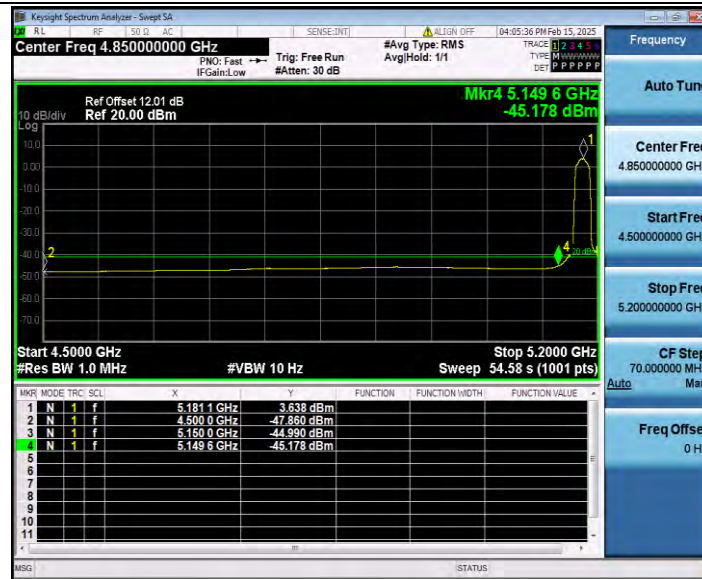
11N40SISO_Ant1_High_5230_AV



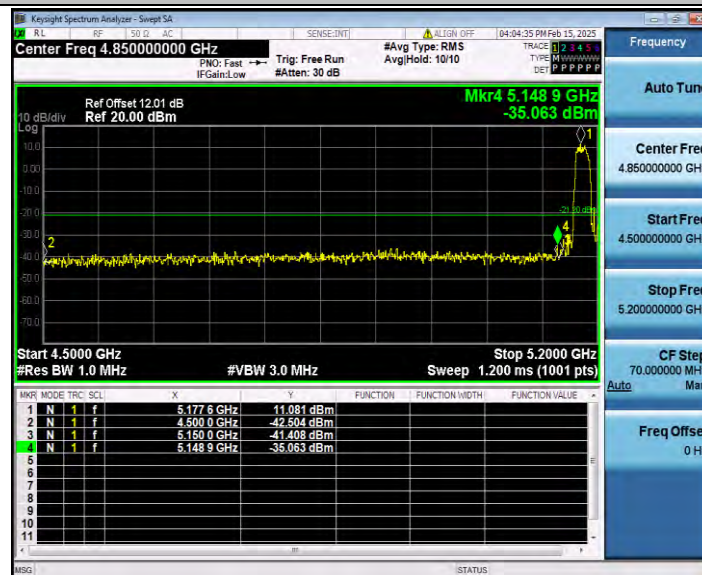
11N40SISO_Ant1_High_5230_Peak



11AC20SISO_Ant1_Low_5180_AV



11AC20SISO_Ant1_Low_5180_Peak



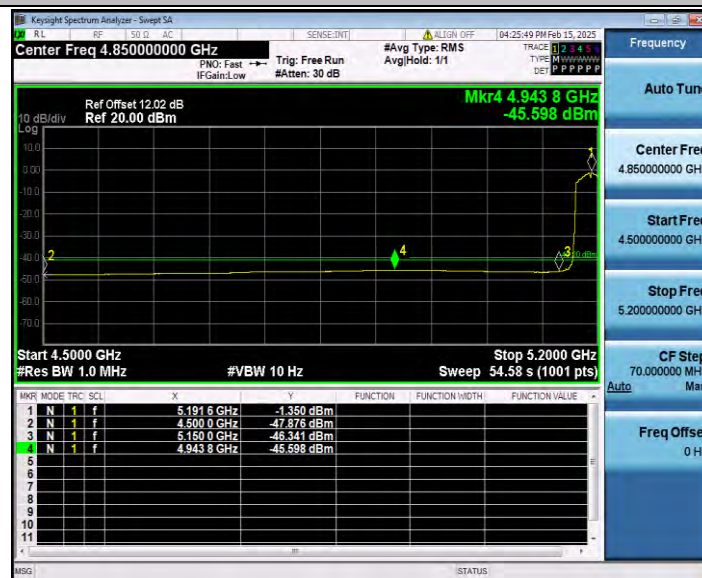
11AC20SISO_Ant1_High_5240_AV



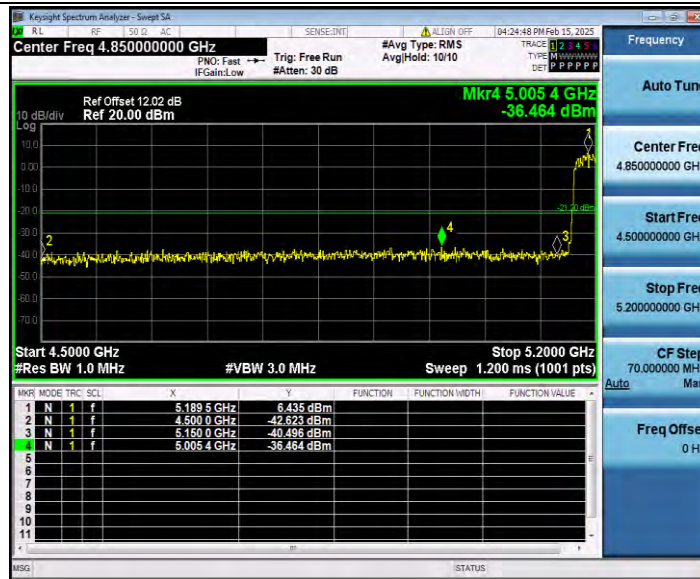
11AC20SISO_Ant1_High_5240_Peak



11AC40SISO_Ant1_Low_5190_AV



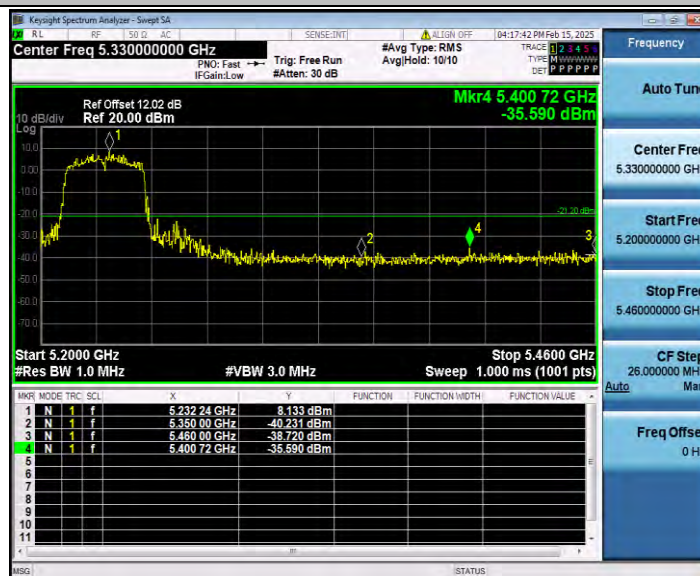
11AC40SISO_Ant1_Low_5190_Peak



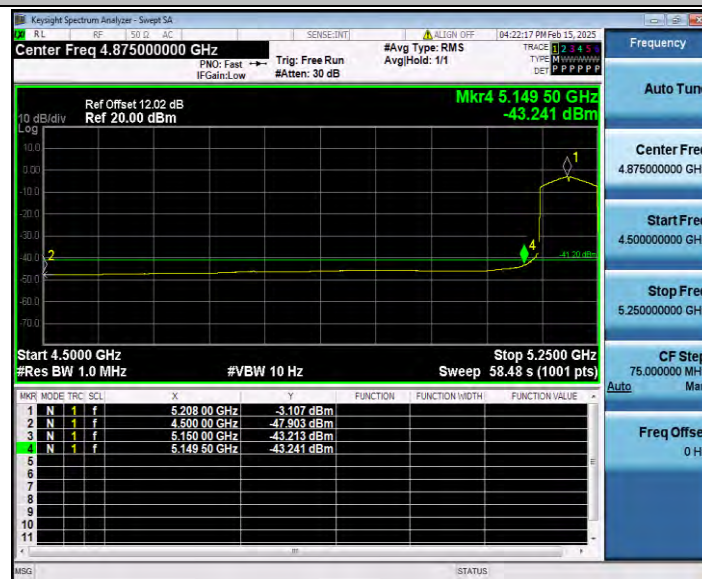
11AC40SISO_Ant1_High_5230_AV



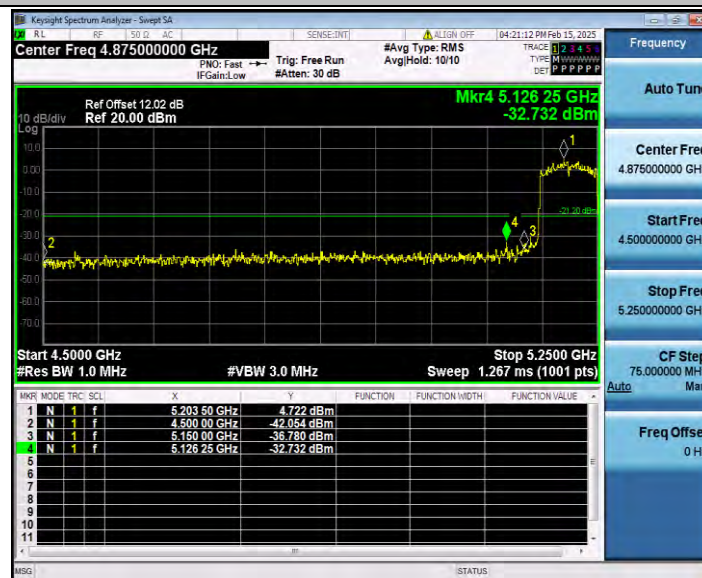
11AC40SISO_Ant1_High_5230_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV

