

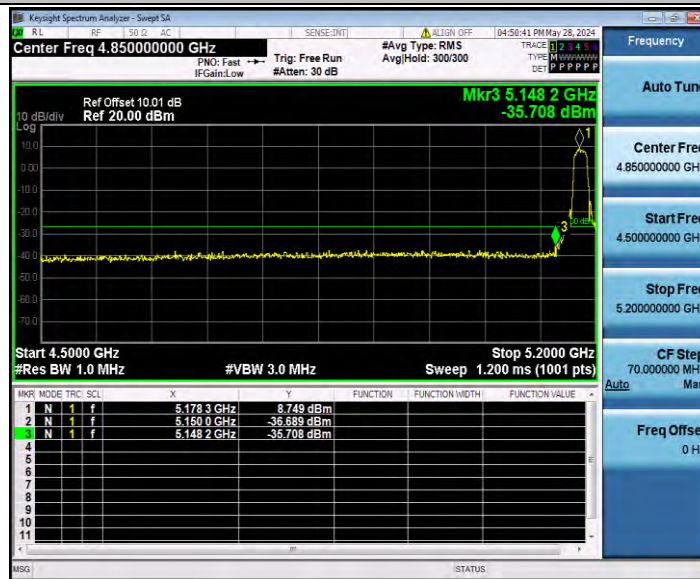
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-35.71	≤ -27	PASS
		High	5240	-37	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-34.21	≤ -27	PASS
		High	5240	-37.38	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-29.7	≤ -27	PASS
		High	5230	-37.48	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.47	≤ -27	PASS
		High	5240	-37.52	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-33.42	≤ -27	PASS
		High	5230	-38.09	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-29.76	≤ -27	PASS
		High	5210	-37.68	≤ -27	PASS

Test Graphs B1

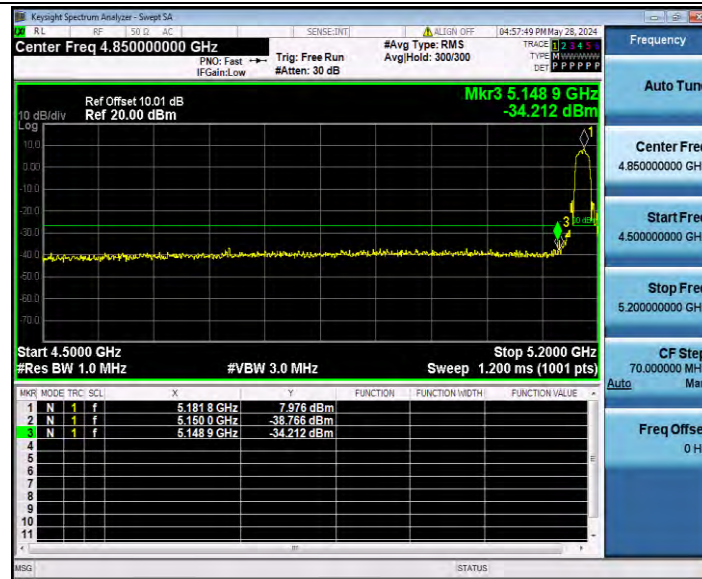
11A_Ant1_Low_5180



11A_Ant1_High_5240



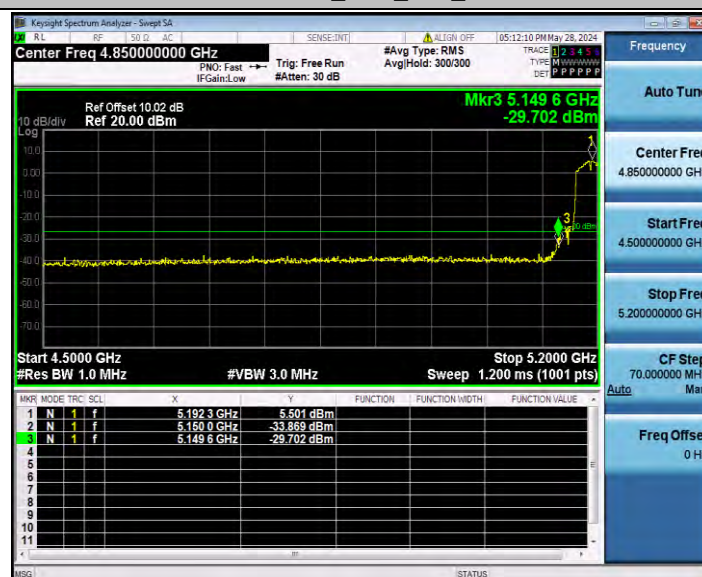
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



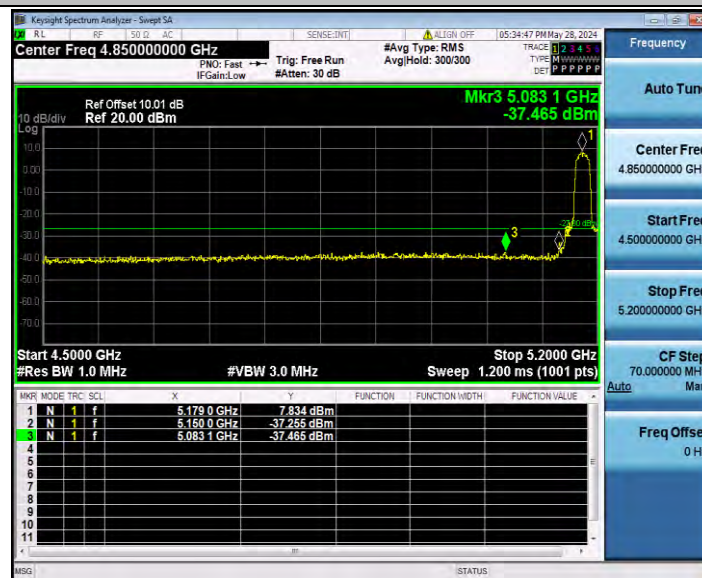
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



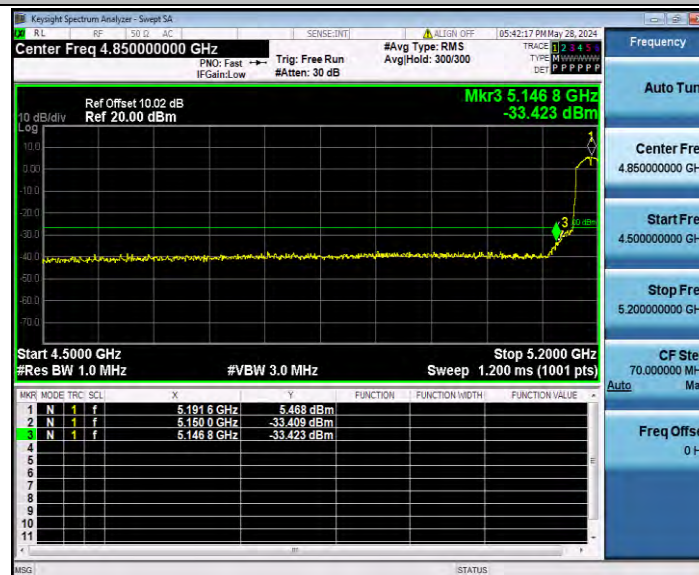
11AC20SISO_Ant1_Low_5180



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

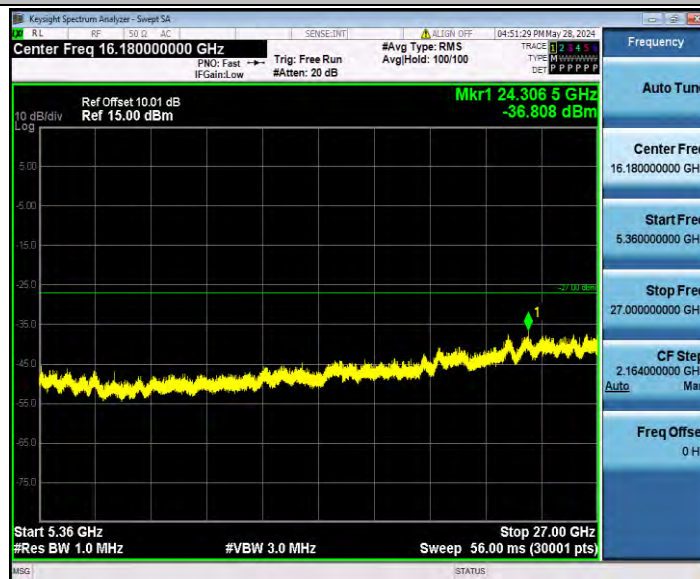
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	1738.44	-37.33	≤-27	PASS
			5360~27000	24306.54	-36.81	≤-27	PASS
		5200	30~5140	5092.48	-45.74	≤-27	PASS
			5360~27000	26889.64	-37.25	≤-27	PASS
		5240	30~5140	4958.42	-46.1	≤-27	PASS
			5360~27000	26552.77	-37.22	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5133.02	-43.74	≤-27	PASS
			5360~27000	24191.85	-36.9	≤-27	PASS
		5200	30~5140	4996.58	-45.64	≤-27	PASS
			5360~27000	24243.79	-37.49	≤-27	PASS
		5240	30~5140	4952.29	-45.59	≤-27	PASS
			5360~27000	24818.69	-37.31	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5133.02	-38.64	≤-27	PASS
			5360~27000	26580.91	-37.61	≤-27	PASS
		5230	30~5140	1746.62	-41.42	≤-27	PASS
			5360~27000	24214.93	-37.47	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	832.95	-42.18	≤-27	PASS
			5360~27000	24803.54	-37.2	≤-27	PASS
		5200	30~5140	5137.96	-45.68	≤-27	PASS
			5360~27000	26906.23	-37.09	≤-27	PASS
		5240	30~5140	5139.83	-45.66	≤-27	PASS
			5360~27000	26506.61	-36.68	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5133.7	-40.47	≤-27	PASS
			5360~27000	26049.28	-36.62	≤-27	PASS
		5230	30~5140	1748.15	-43.56	≤-27	PASS
			5360~27000	24295.72	-37.96	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5137.45	-32.56	≤-27	PASS
			5360~27000	26969.7	-37.1	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



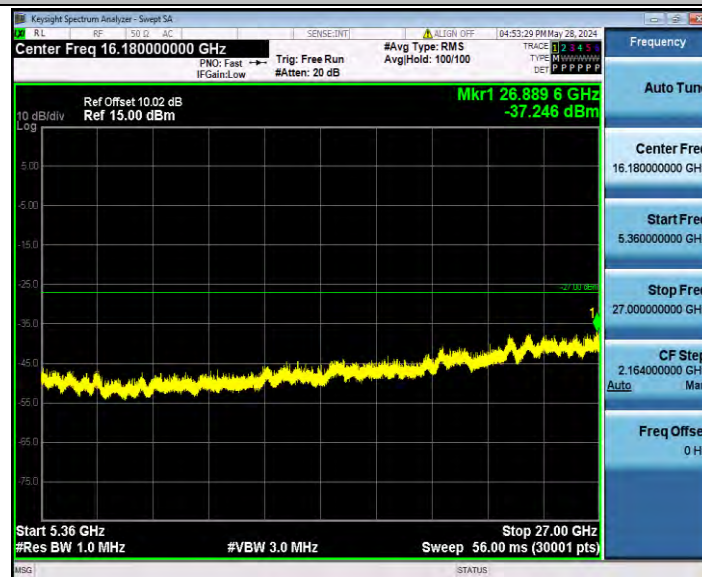
11A_Ant1_5180_5360~27000



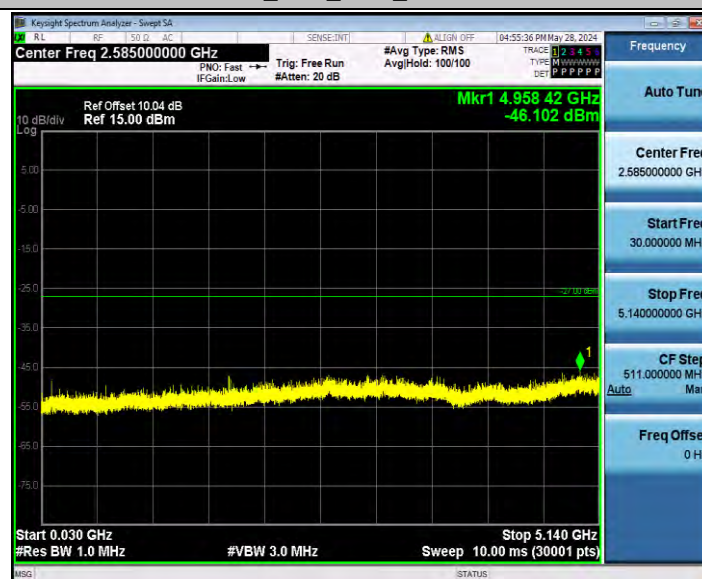
11A_Ant1_5200_30~5140



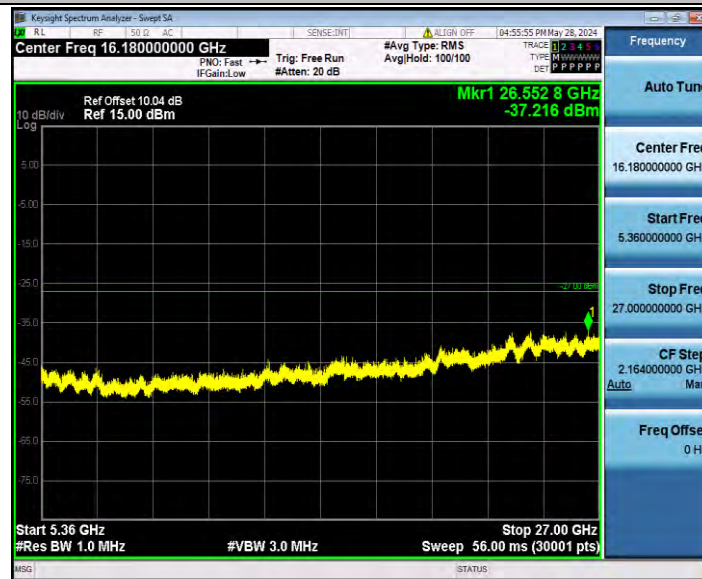
11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



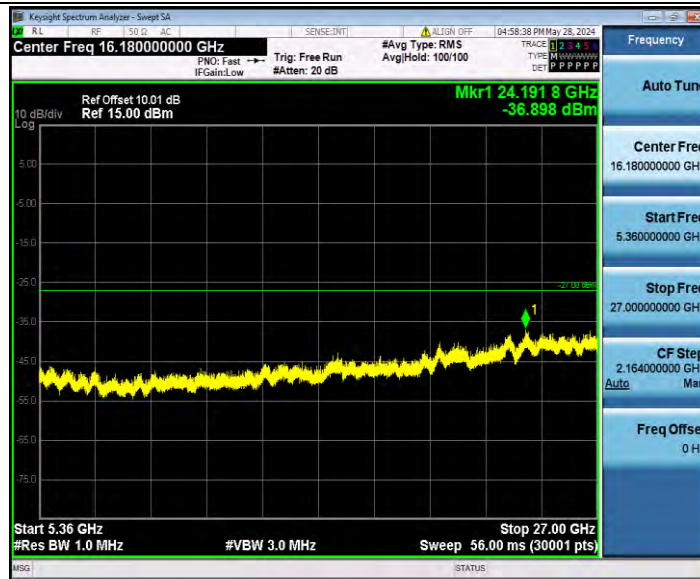
11A_Ant1_5240_5360~27000



11N20SISO_Ant1_5180_30~5140



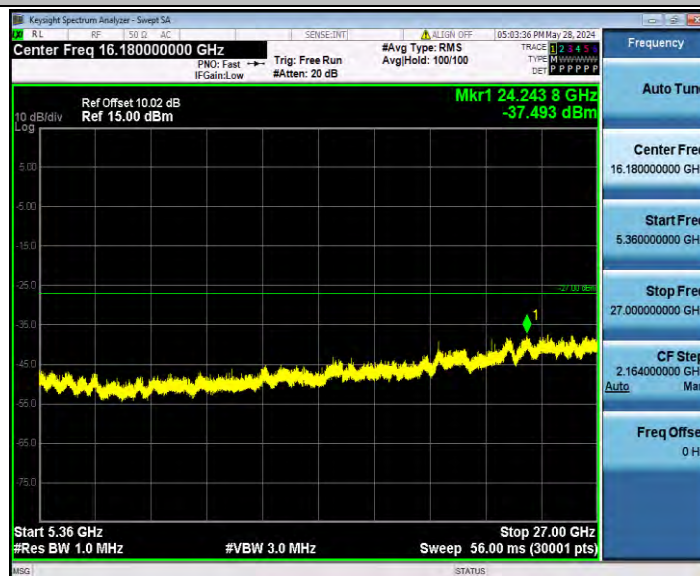
11N20SISO_Ant1_5180_5360~27000



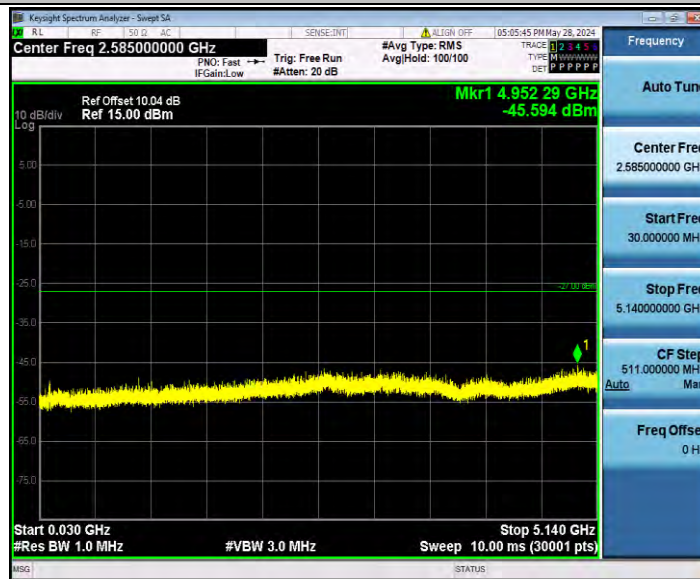
11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



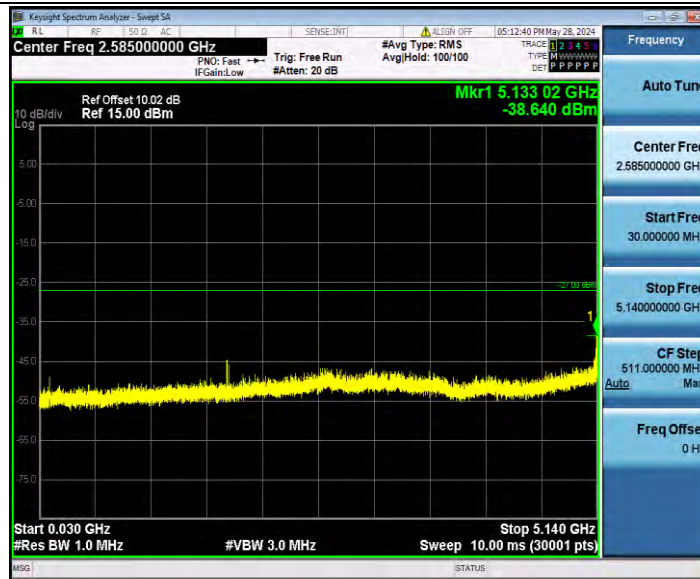
11N20SISO_Ant1_5240_30~5140



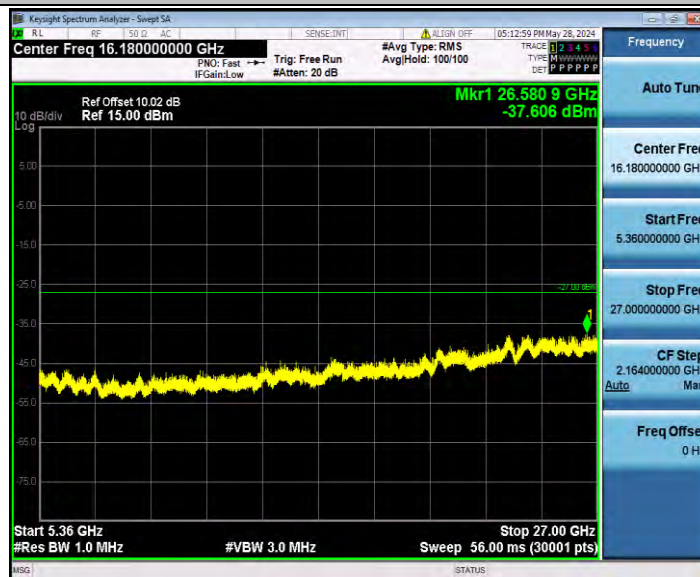
11N20SISO_Ant1_5240_5360~27000



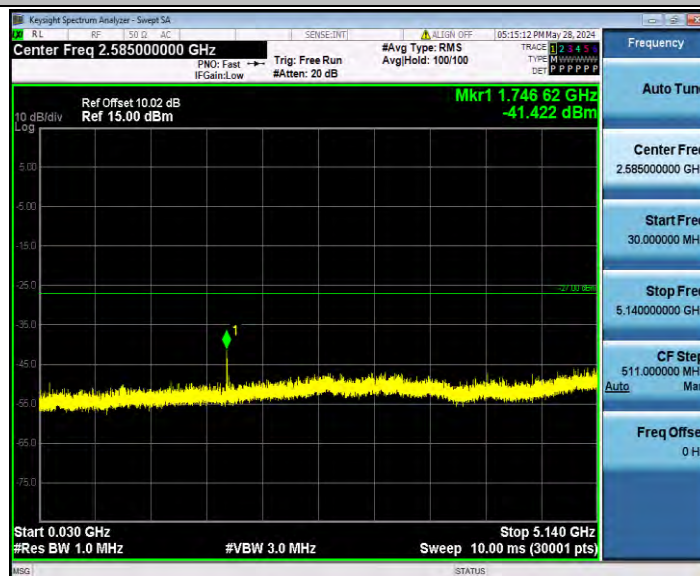
11N40SISO_Ant1_5190_30~5140

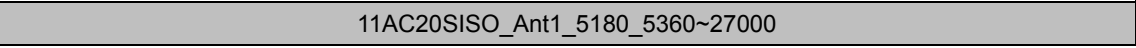
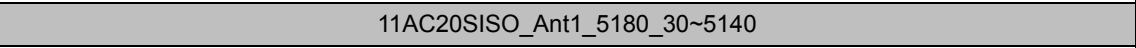


11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



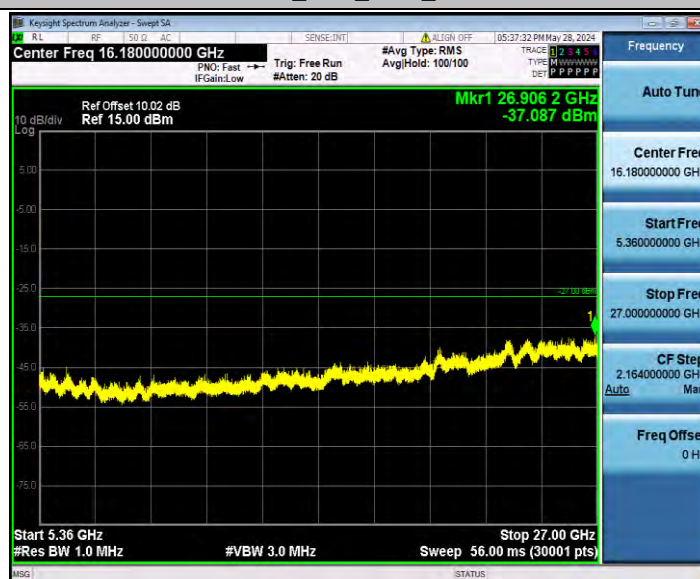




11AC20SISO_Ant1_5200_30~5140



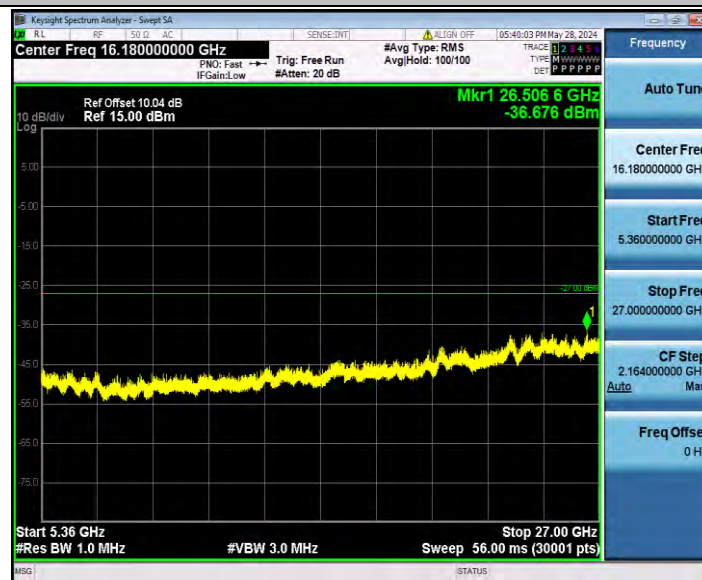
11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



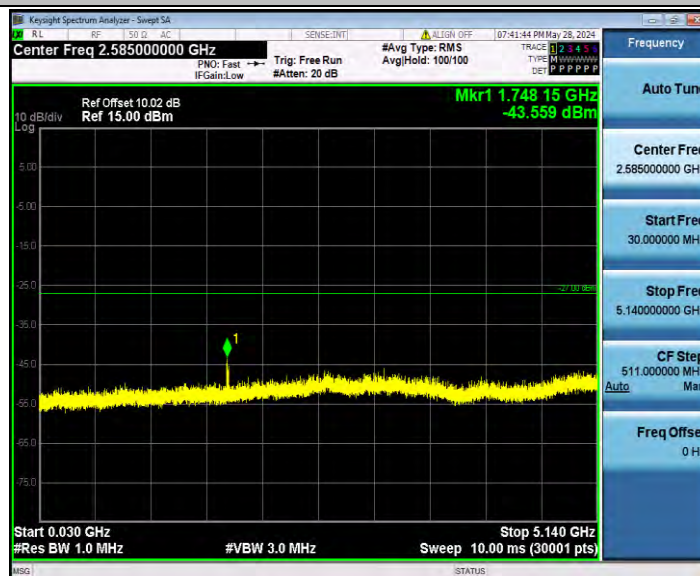
11AC40SISO_Ant1_5190_30~5140



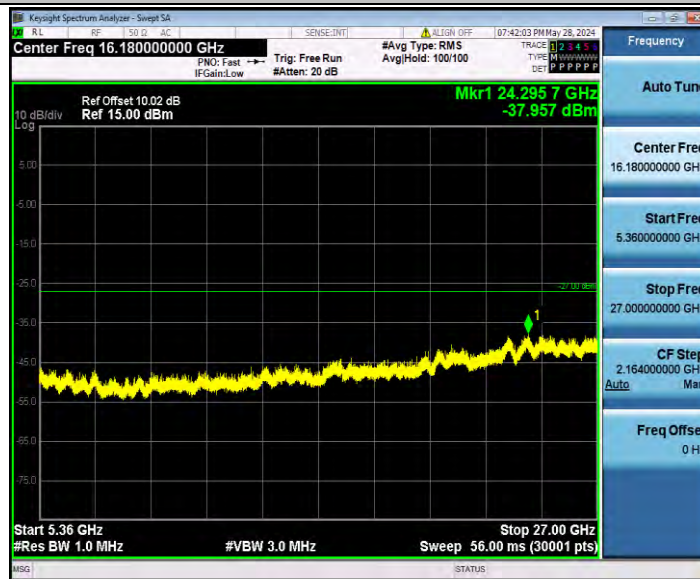
11AC40SISO_Ant1_5190_5360~27000



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

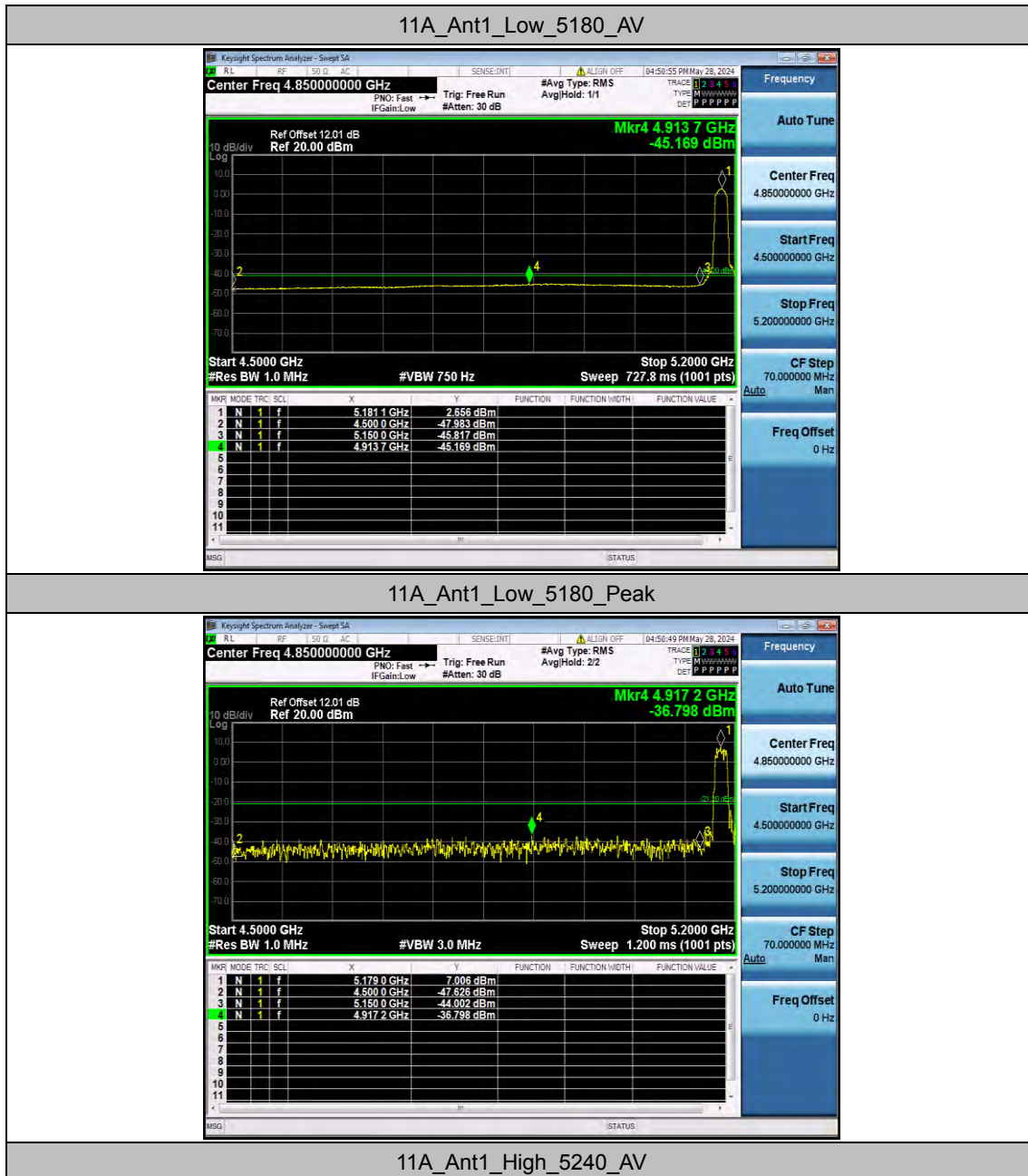
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.98	≤-41.20	47.22	≤54	PASS
				AV	4913.700	-45.17	≤-41.20	50.03	≤54	PASS
				AV	5150.000	-45.82	≤-41.20	49.38	≤54	PASS
				Peak	4500.000	-47.63	≤-21.20	47.57	≤74	PASS
				Peak	4917.200	-36.8	≤-21.20	58.40	≤74	PASS
				Peak	5150.000	-44	≤-21.20	51.20	≤74	PASS
		High	5240	AV	5350.000	-46.1	≤-41.20	49.10	≤54	PASS
				AV	5442.480	-45.37	≤-41.20	49.83	≤54	PASS
				AV	5460.000	-45.7	≤-41.20	49.50	≤54	PASS
				Peak	5350.000	-47.03	≤-21.20	48.17	≤74	PASS
				Peak	5410.560	-37.76	≤-21.20	57.44	≤74	PASS
				Peak	5460.000	-40.01	≤-21.20	55.19	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.96	≤-41.20	47.24	≤54	PASS
				AV	4966.900	-45.13	≤-41.20	50.07	≤54	PASS
				AV	5150.000	-46.06	≤-41.20	49.14	≤54	PASS
				Peak	4500.000	-47.4	≤-21.20	47.80	≤74	PASS
				Peak	4794.000	-37.14	≤-21.20	58.06	≤74	PASS
				Peak	5150.000	-44.88	≤-21.20	50.32	≤74	PASS
		High	5240	AV	5350.000	-46.54	≤-41.20	48.66	≤54	PASS
				AV	5444.400	-45.35	≤-41.20	49.85	≤54	PASS
				AV	5460.000	-45.48	≤-41.20	49.72	≤54	PASS
				Peak	5350.000	-46.78	≤-21.20	48.42	≤74	PASS
				Peak	5431.200	-38.63	≤-21.20	56.57	≤74	PASS
				Peak	5460.000	-44.08	≤-21.20	51.12	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.77	≤-41.20	47.43	≤54	PASS
				AV	5148.900	-44.22	≤-41.20	50.98	≤54	PASS
				AV	5150.000	-43.73	≤-41.20	51.47	≤54	PASS
				Peak	4500.000	-42.87	≤-21.20	52.33	≤74	PASS
				Peak	5015.200	-36.87	≤-21.20	58.33	≤74	PASS
				Peak	5150.000	-42.48	≤-21.20	52.72	≤74	PASS
		High	5230	AV	5350.000	-46.5	≤-41.20	48.70	≤54	PASS
				AV	5455.580	-45.26	≤-41.20	49.94	≤54	PASS
				AV	5460.000	-45.87	≤-41.20	49.33	≤54	PASS
				Peak	5350.000	-42.75	≤-21.20	52.45	≤74	PASS
				Peak	5378.360	-37.96	≤-21.20	57.24	≤74	PASS
				Peak	5460.000	-41.47	≤-21.20	53.73	≤74	PASS

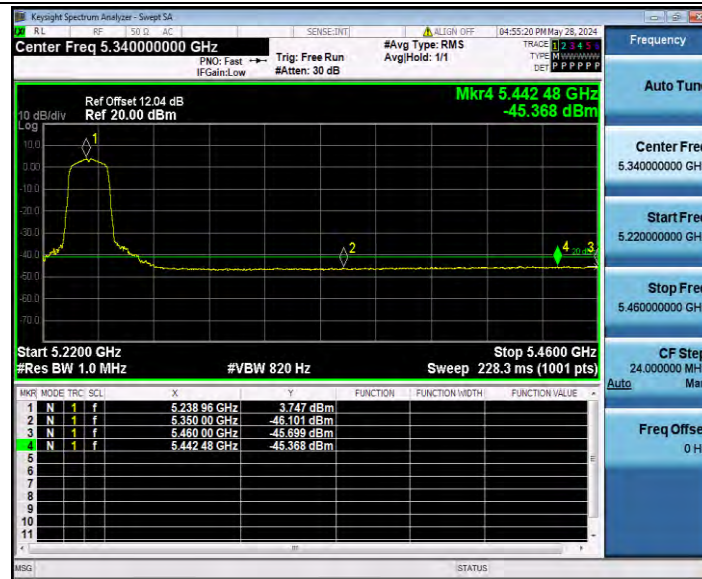
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.68	≤ -41.20	47.52	≤ 54	PASS
				AV	4959.900	-45.13	≤ -41.20	50.07	≤ 54	PASS
				AV	5150.000	-45.71	≤ -41.20	49.49	≤ 54	PASS
				Peak	4500.000	-42.53	≤ -21.20	52.67	≤ 74	PASS
				Peak	5149.600	-32.7	≤ -21.20	62.50	≤ 74	PASS
				Peak	5150.000	-41.29	≤ -21.20	53.91	≤ 74	PASS
		High	5240	AV	5350.000	-46.54	≤ -41.20	48.66	≤ 54	PASS
				AV	5448.240	-45.41	≤ -41.20	49.79	≤ 54	PASS
				AV	5460.000	-45.49	≤ -41.20	49.71	≤ 54	PASS
				Peak	5350.000	-46.78	≤ -21.20	48.42	≤ 74	PASS
				Peak	5431.200	-38.63	≤ -21.20	56.57	≤ 74	PASS
				Peak	5460.000	-44.08	≤ -21.20	51.12	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.74	≤ -41.20	47.46	≤ 54	PASS
				AV	5149.600	-44.29	≤ -41.20	50.91	≤ 54	PASS
				AV	5150.000	-43.92	≤ -41.20	51.28	≤ 54	PASS
				Peak	4500.000	-39.83	≤ -21.20	55.37	≤ 74	PASS
				Peak	5145.400	-35.87	≤ -21.20	59.33	≤ 74	PASS
				Peak	5150.000	-39.65	≤ -21.20	55.55	≤ 74	PASS
		High	5230	AV	5350.000	-47.13	≤ -41.20	48.07	≤ 54	PASS
				AV	5452.720	-45.44	≤ -41.20	49.76	≤ 54	PASS
				AV	5460.000	-46.42	≤ -41.20	48.78	≤ 54	PASS
				Peak	5350.000	-43.67	≤ -21.20	51.53	≤ 74	PASS
				Peak	5400.980	-37.28	≤ -21.20	57.92	≤ 74	PASS
				Peak	5460.000	-43.04	≤ -21.20	52.16	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-48.32	≤ -41.20	46.88	≤ 54	PASS
				AV	5146.500	-44.19	≤ -41.20	51.01	≤ 54	PASS
				AV	5150.000	-45.24	≤ -41.20	49.96	≤ 54	PASS
				Peak	4500.000	-45.14	≤ -21.20	50.06	≤ 74	PASS
				Peak	4867.500	-37.69	≤ -21.20	57.51	≤ 74	PASS
				Peak	5150.000	-42.28	≤ -21.20	52.92	≤ 74	PASS
		High	5210	AV	5350.000	-46.72	≤ -41.20	48.48	≤ 54	PASS
				AV	5430.600	-45.2	≤ -41.20	50.00	≤ 54	PASS
				AV	5460.000	-46.41	≤ -41.20	48.79	≤ 54	PASS
				Peak	5350.000	-45.15	≤ -21.20	50.05	≤ 74	PASS
				Peak	5407.360	-38.26	≤ -21.20	56.94	≤ 74	PASS
				Peak	5460.000	-41.22	≤ -21.20	53.98	≤ 74	PASS

Note:

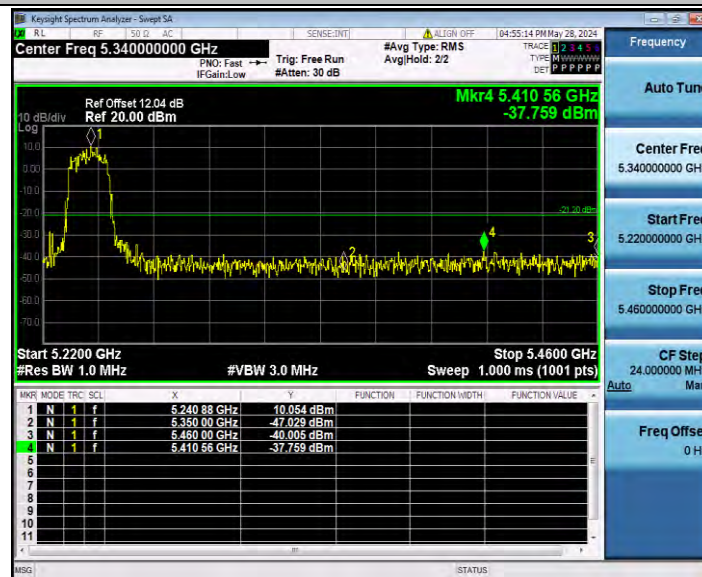
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs





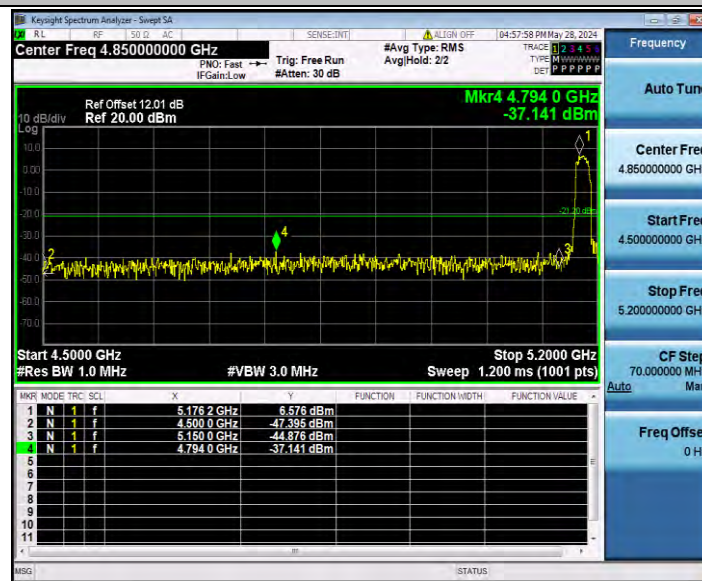
11A_Ant1_High_5240_Peak



11N20SISO_Ant1_Low_5180_AV



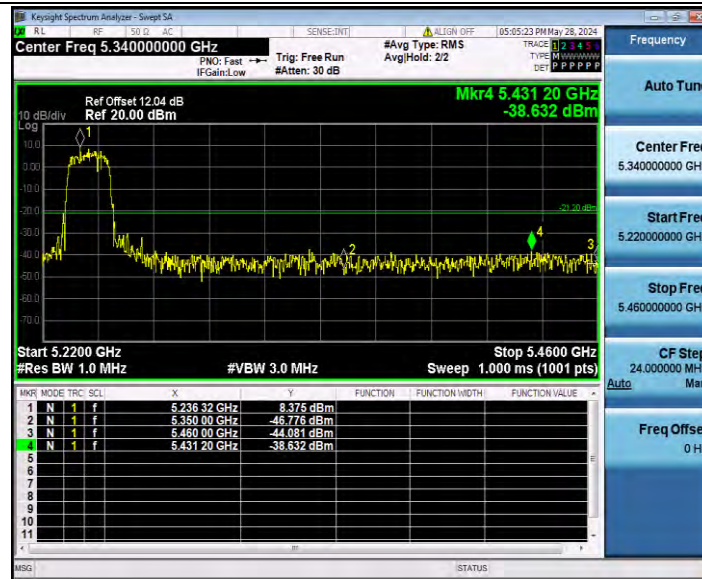
11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV



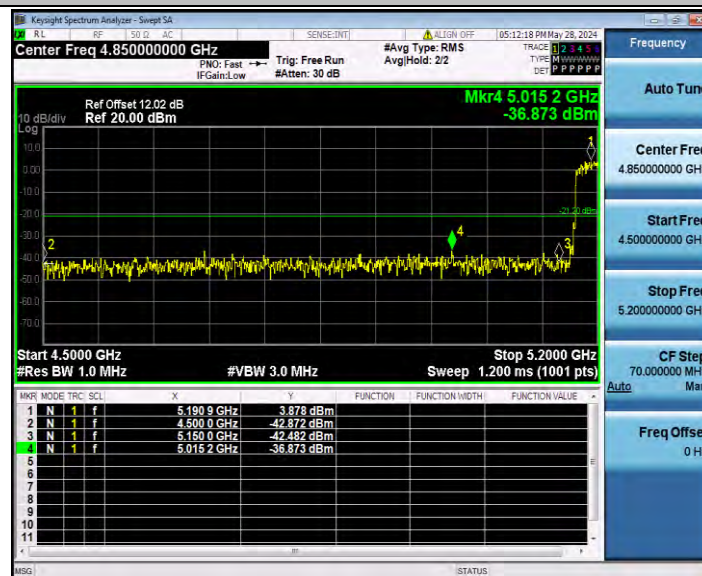
11N20SISO_Ant1_High_5240_Peak

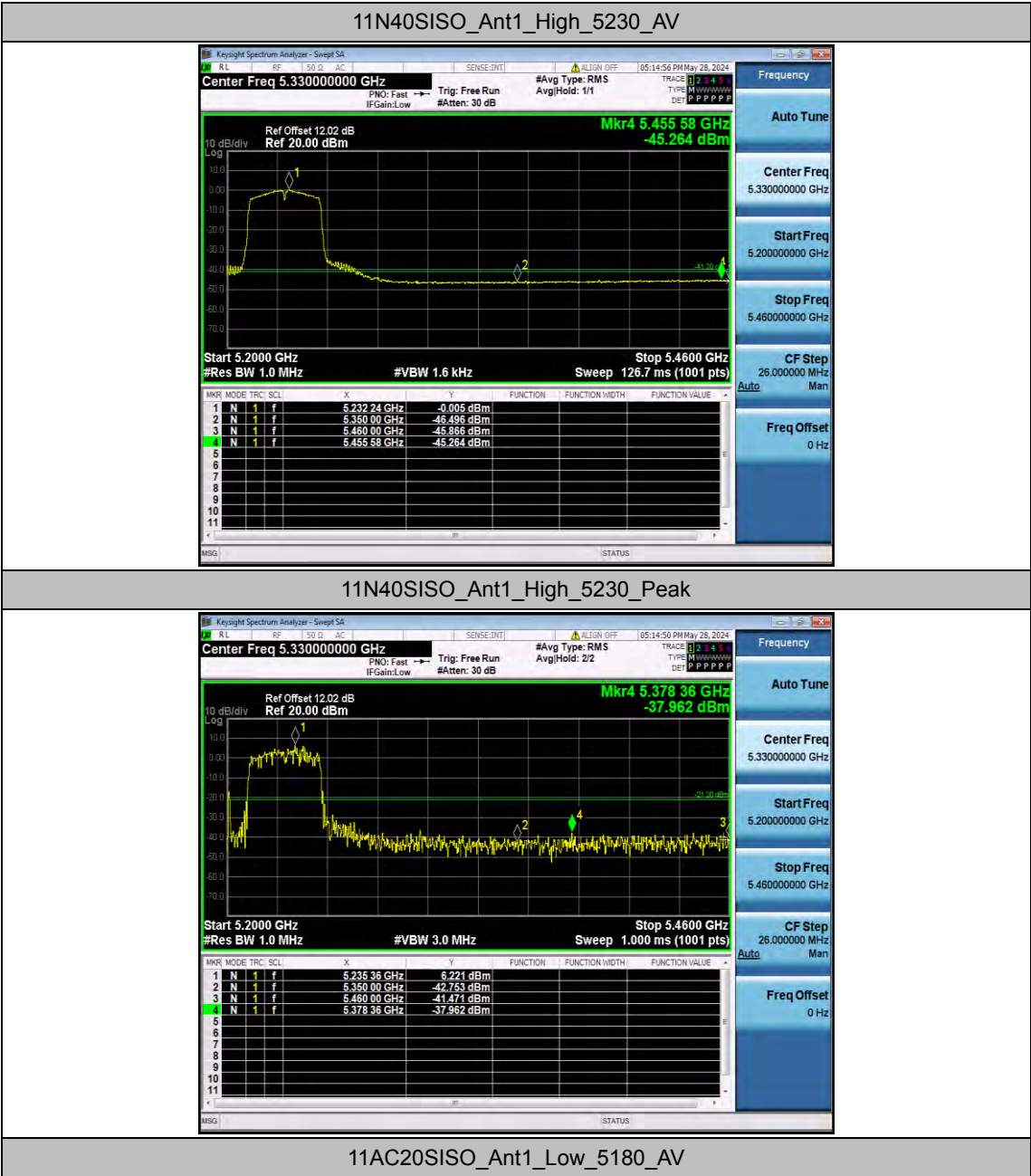


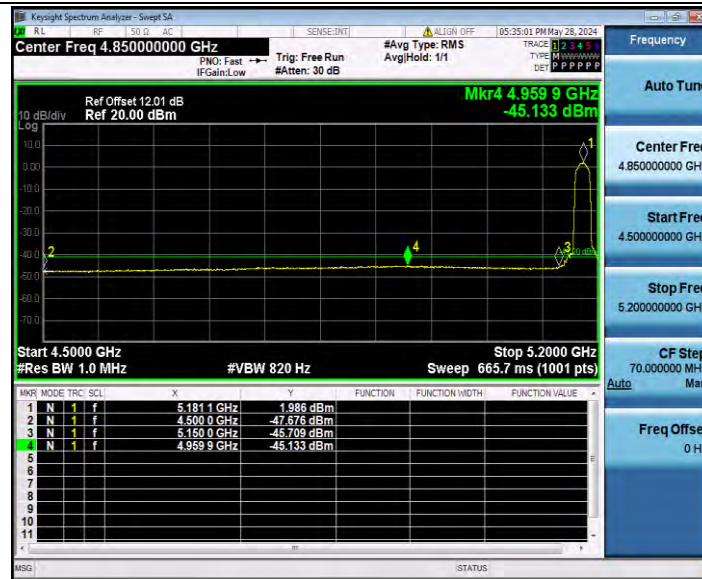
11N40SISO_Ant1_Low_5190_AV



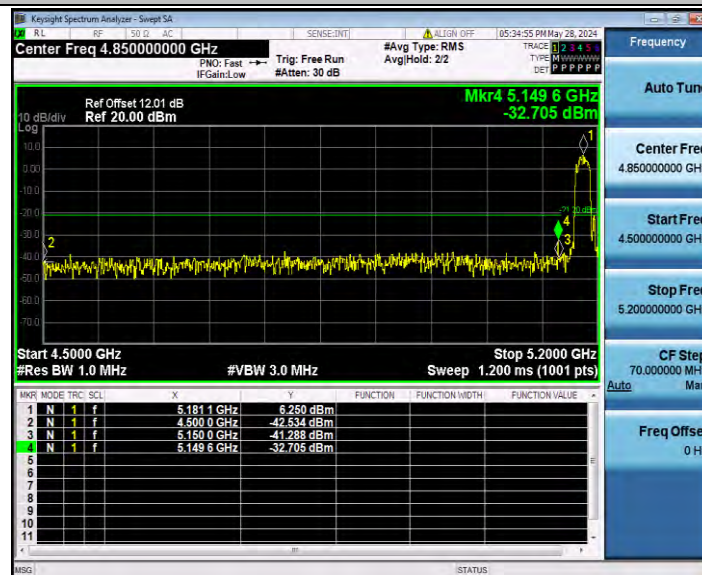
11N40SISO_Ant1_Low_5190_Peak







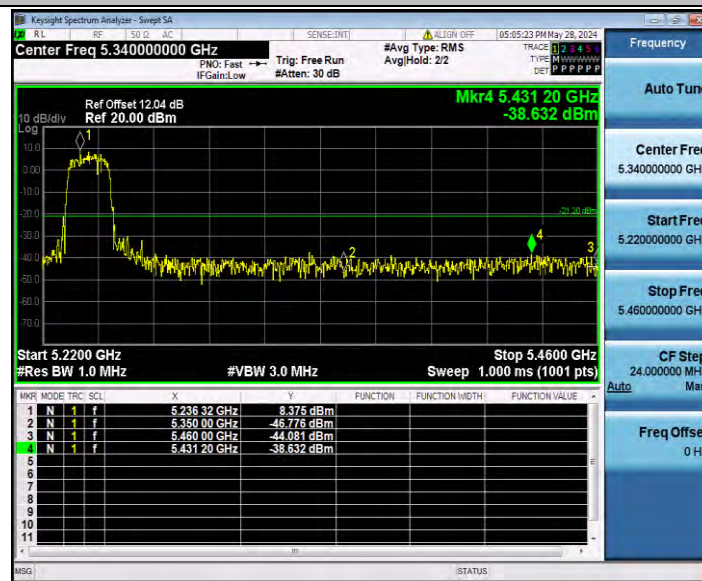
11AC20SISO_Ant1_Low_5180_Peak



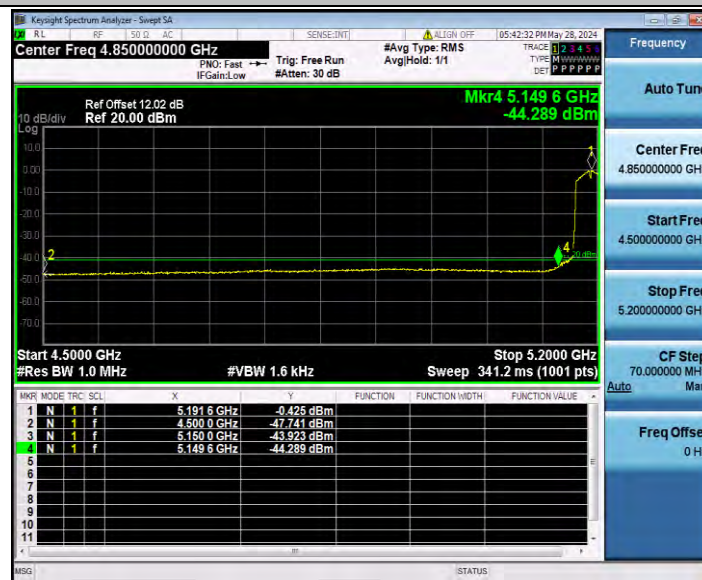
11AC20SISO_Ant1_High_5240_AV



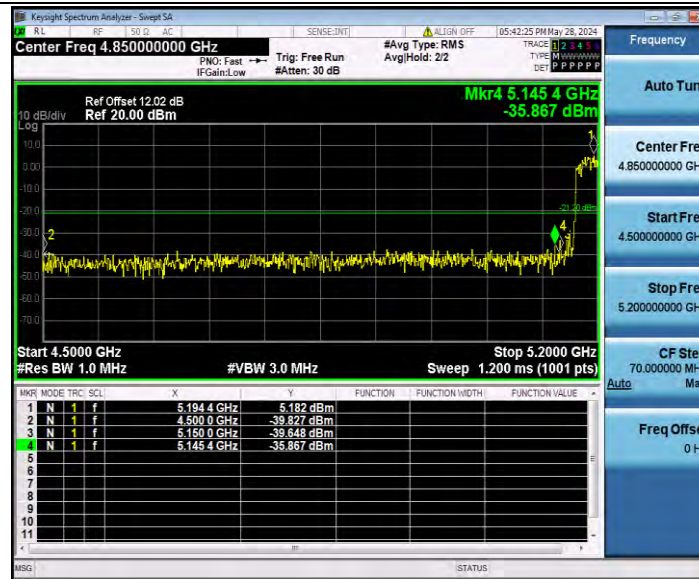
11AC20SISO_Ant1_High_5240_Peak



11AC40SISO_Ant1_Low_5190_AV



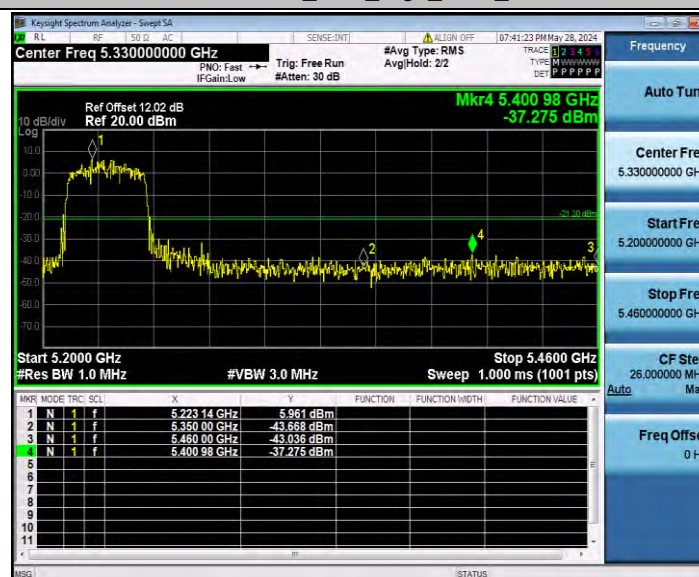
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



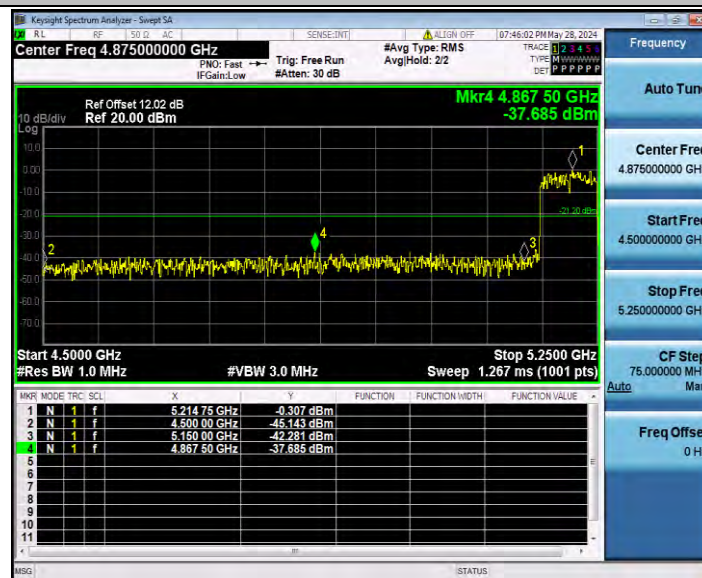
11AC40SISO_Ant1_High_5230_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV

