

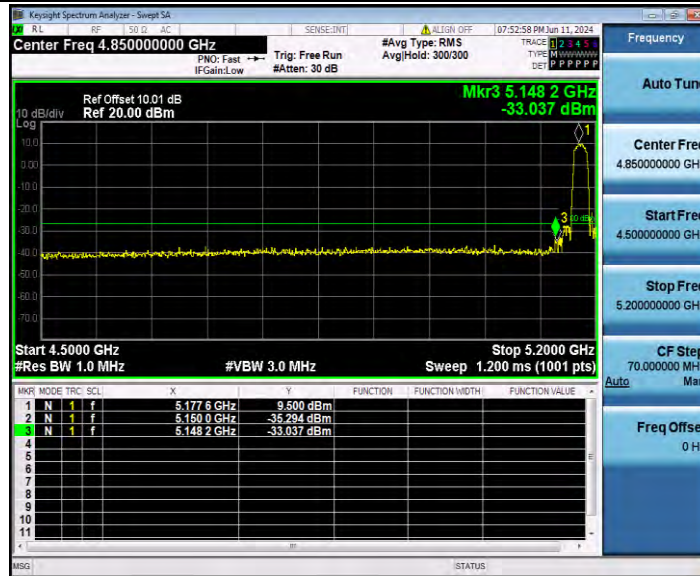
Appendix D.6: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-33.04	≤ -27	PASS
		High	5240	-36.52	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-31.54	≤ -27	PASS
		High	5240	-37.63	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-31.97	≤ -27	PASS
		High	5230	-36.58	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-34.95	≤ -27	PASS
		High	5240	-37.41	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-30.23	≤ -27	PASS
		High	5230	-37.25	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-31.37	≤ -27	PASS
		High	5210	-37.12	≤ -27	PASS

Test Graphs B1

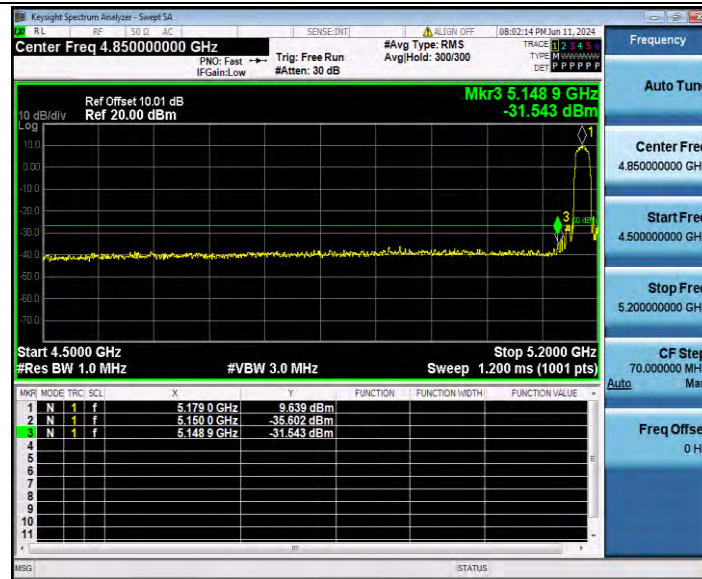
11A_Ant1_Low_5180



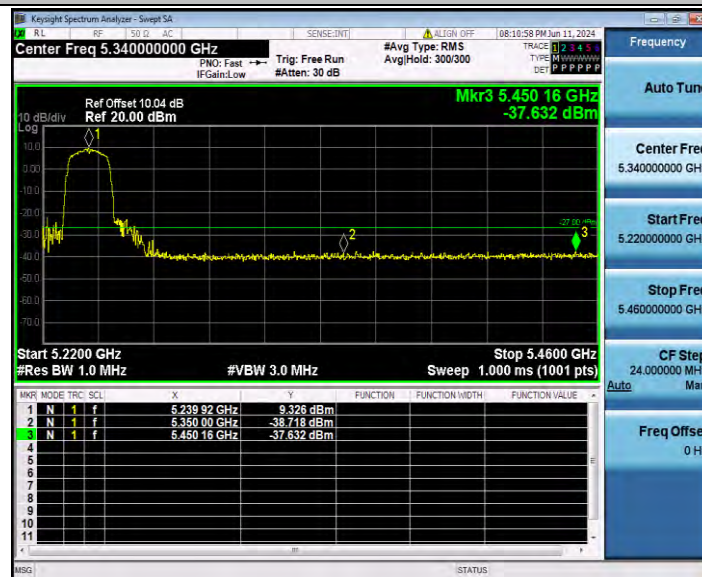
11A_Ant1_High_5240



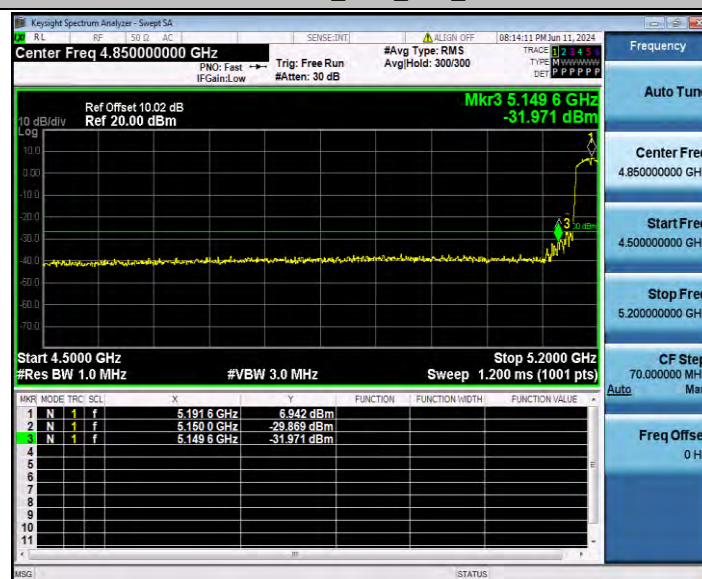
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



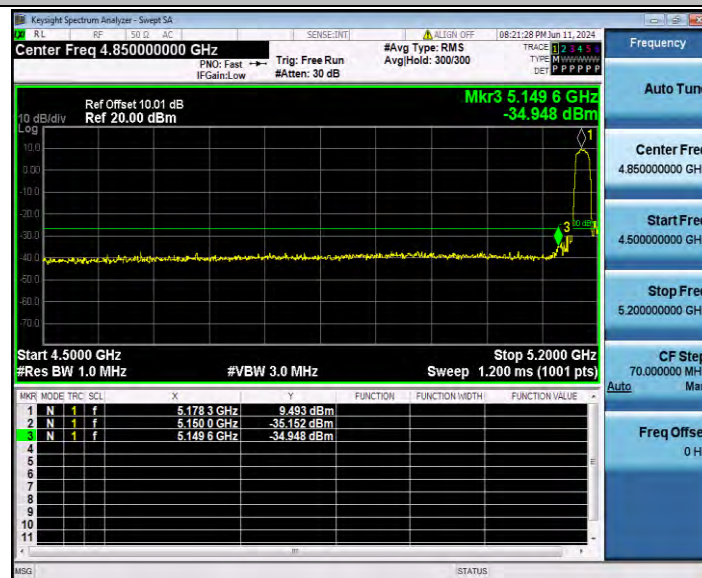
11N40SISO_Ant1_Low_5190



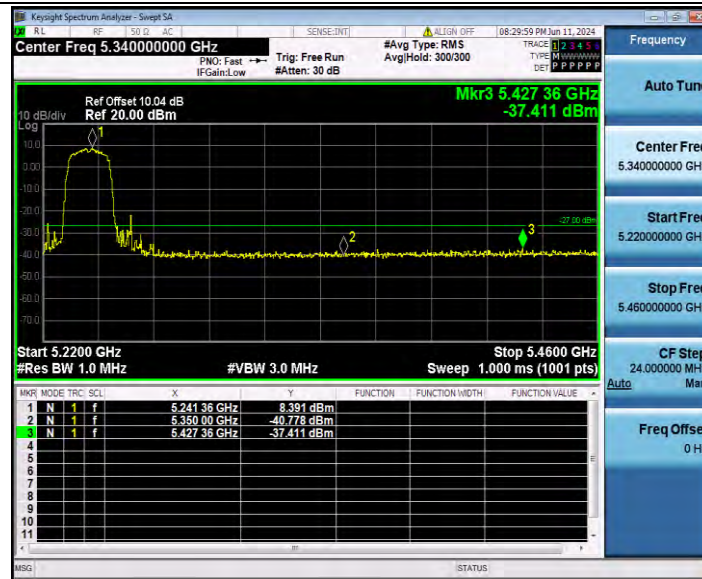
11N40SISO_Ant1_High_5230



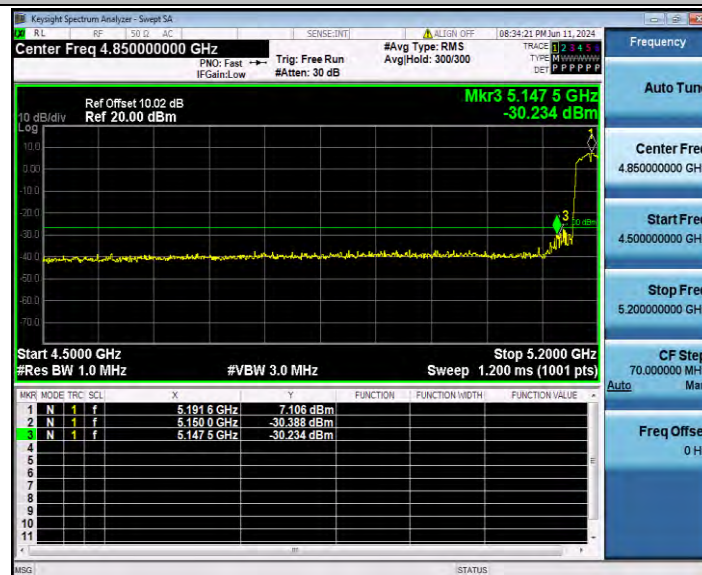
11AC20SISO_Ant1_Low_5180



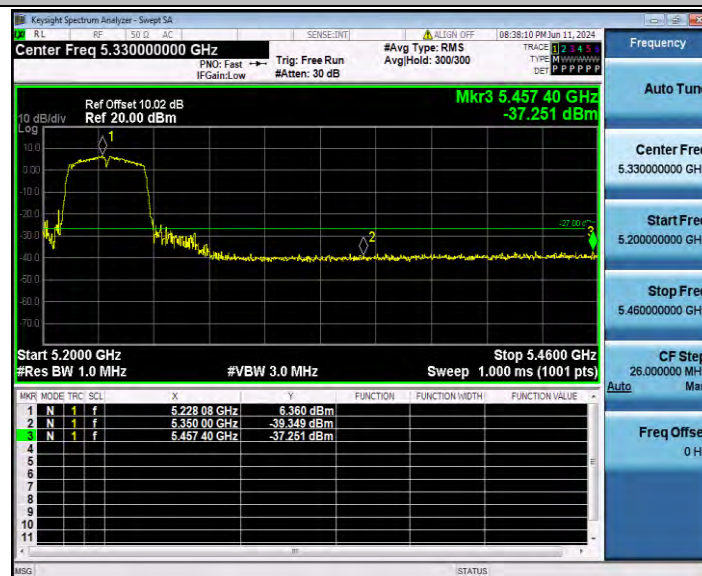
11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



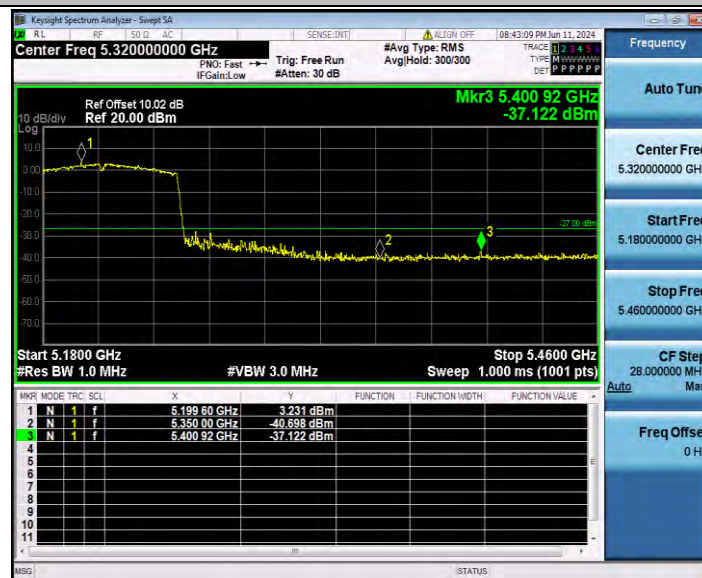
11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



Appendix D.7: Conducted Spurious Emission

Test Result

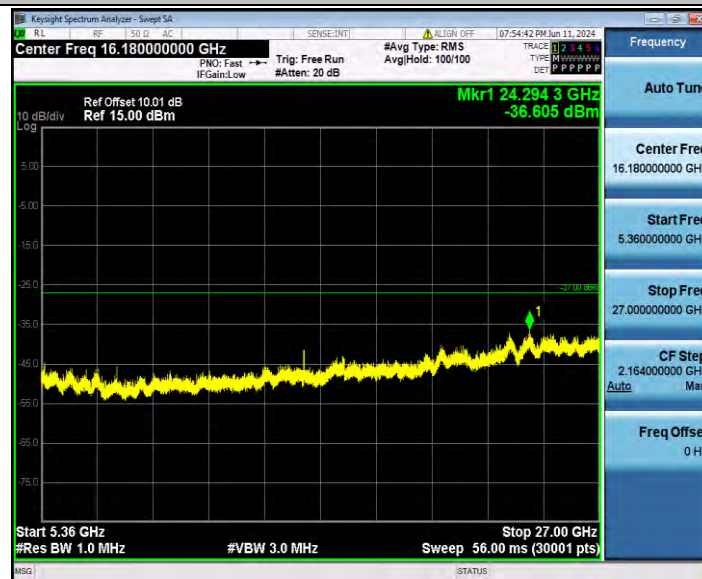
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5114.79	-44.73	≤-27	PASS
			5360~27000	24294.28	-36.61	≤-27	PASS
		5200	30~5140	5013.78	-45.73	≤-27	PASS
			5360~27000	24903.81	-36.65	≤-27	PASS
		5240	30~5140	4929.98	-45.48	≤-27	PASS
			5360~27000	24249.56	-36.84	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5140	-42.79	≤-27	PASS
			5360~27000	24282.74	-36.67	≤-27	PASS
		5200	30~5140	5062.67	-46.04	≤-27	PASS
			5360~27000	24221.42	-36.86	≤-27	PASS
		5240	30~5140	5101.33	-45.56	≤-27	PASS
			5360~27000	24181.03	-35.31	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5139.83	-39.07	≤-27	PASS
			5360~27000	24187.52	-37.44	≤-27	PASS
		5230	30~5140	5136.59	-44.89	≤-27	PASS
			5360~27000	26849.24	-36.86	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5129.61	-44.89	≤-27	PASS
			5360~27000	26042.79	-36.88	≤-27	PASS
		5200	30~5140	5100.31	-45.01	≤-27	PASS
			5360~27000	26770.62	-37.08	≤-27	PASS
		5240	30~5140	5038.48	-45.18	≤-27	PASS
			5360~27000	26553.49	-37.3	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5136.25	-39	≤-27	PASS
			5360~27000	26055.77	-37	≤-27	PASS
		5230	30~5140	5108.49	-45.81	≤-27	PASS
			5360~27000	24264.7	-37.2	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5132.51	-36.63	≤-27	PASS
			5360~27000	26528.25	-36.27	≤-27	PASS

Test Graphs

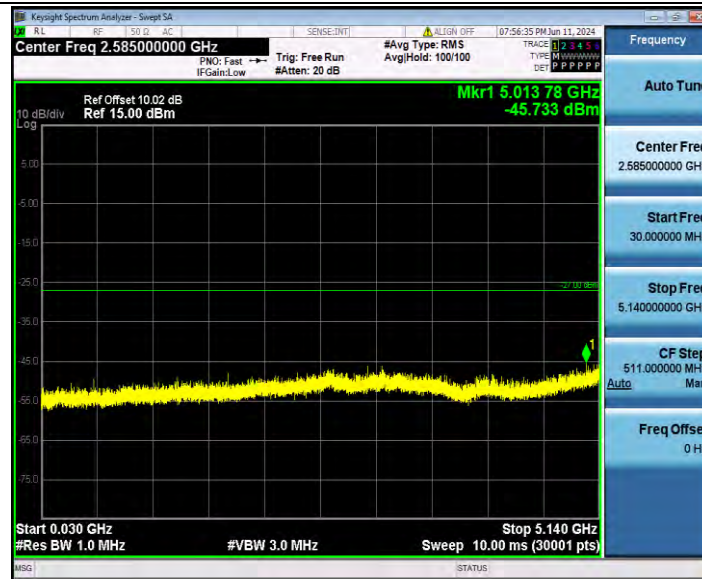
11A_Ant1_5180_30~5140



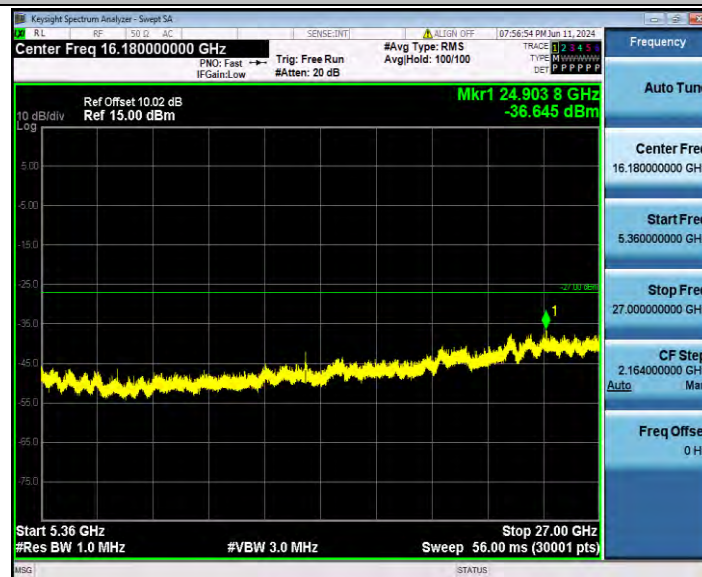
11A_Ant1_5180_5360~27000



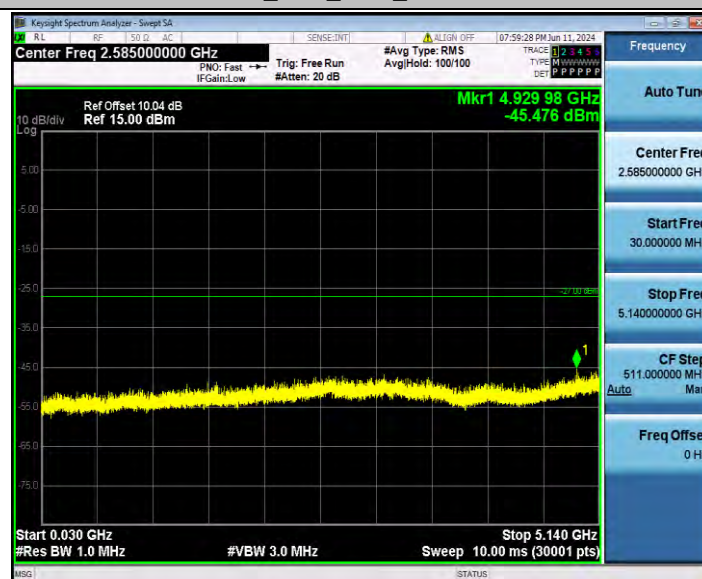
11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000



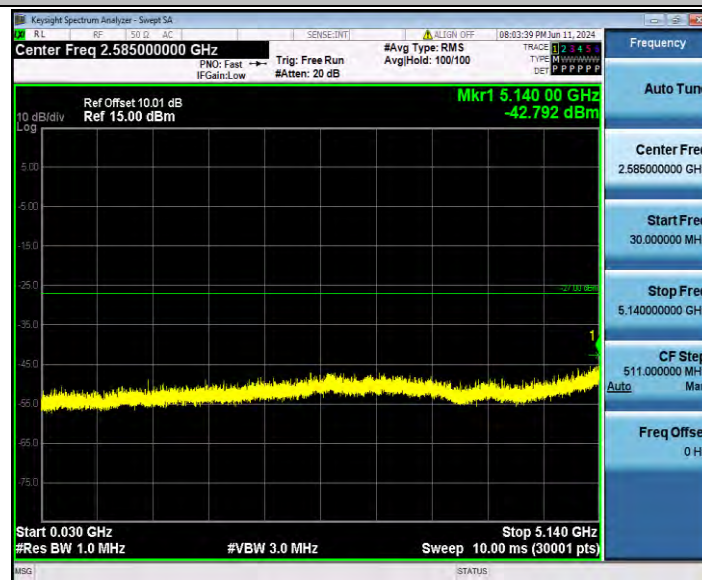
11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



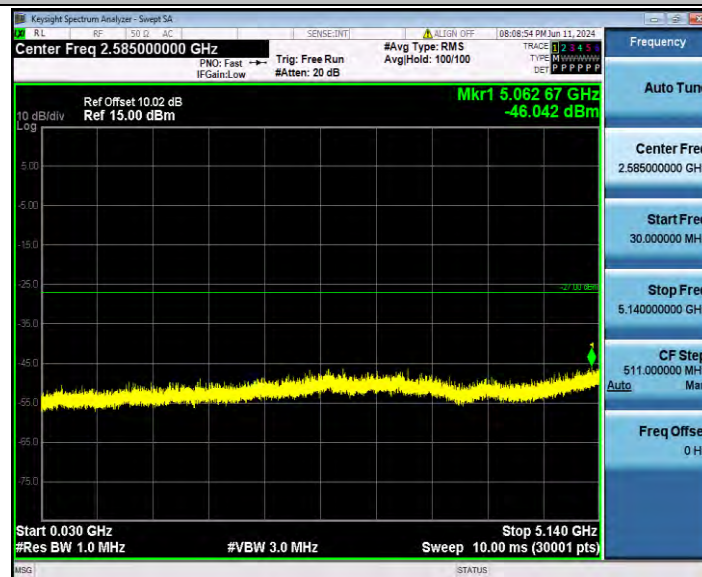
11N20SISO_Ant1_5180_30~5140



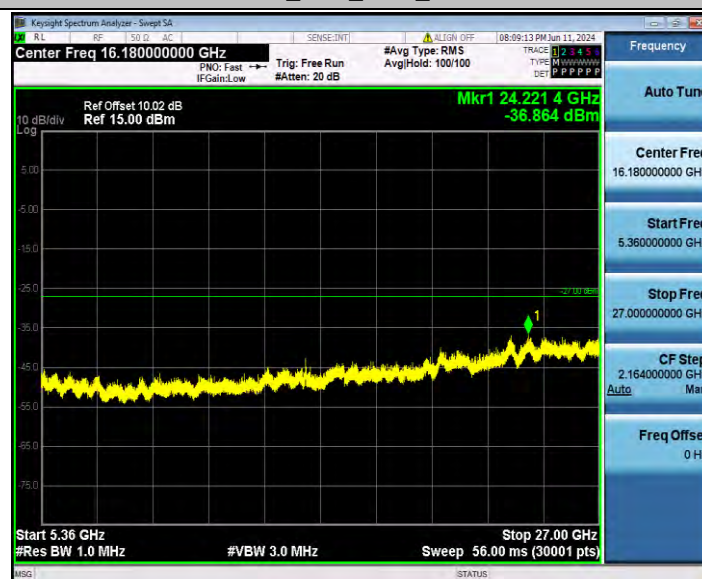
11N20SISO_Ant1_5180_5360~27000



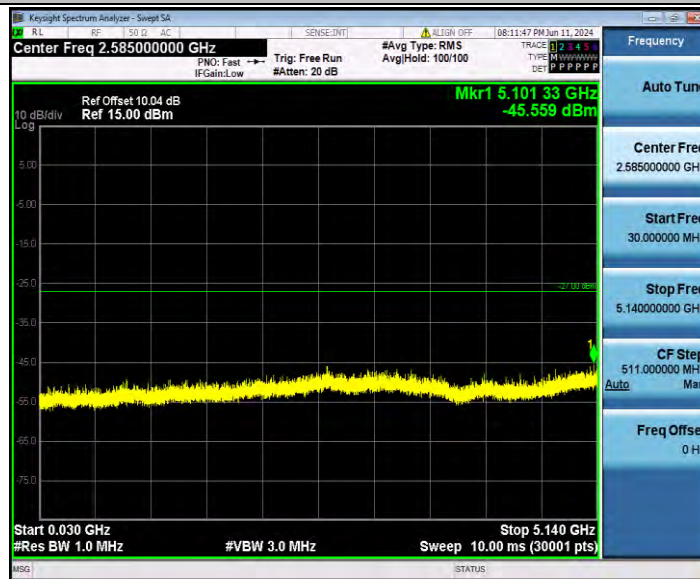
11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



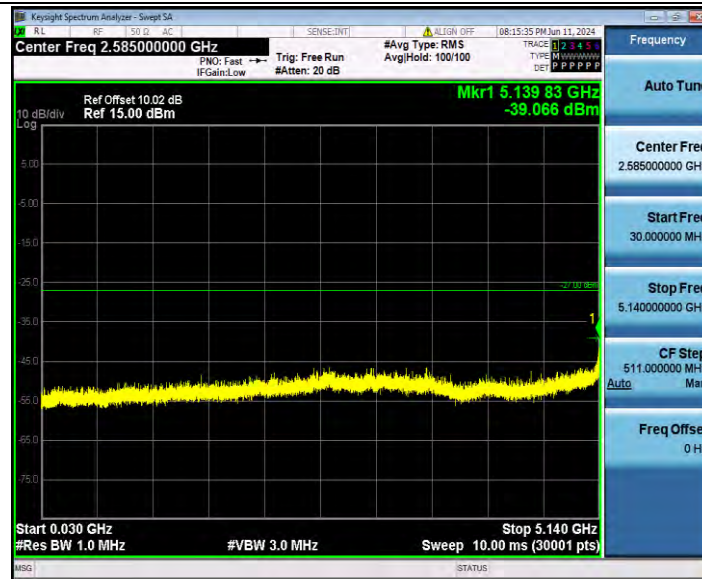
11N20SISO_Ant1_5240_30~5140



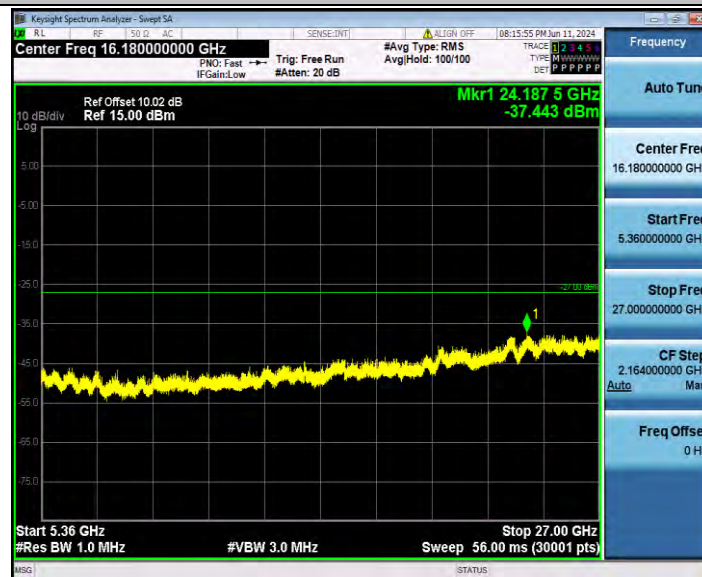
11N20SISO_Ant1_5240_5360~27000



11N40SISO_Ant1_5190_30~5140



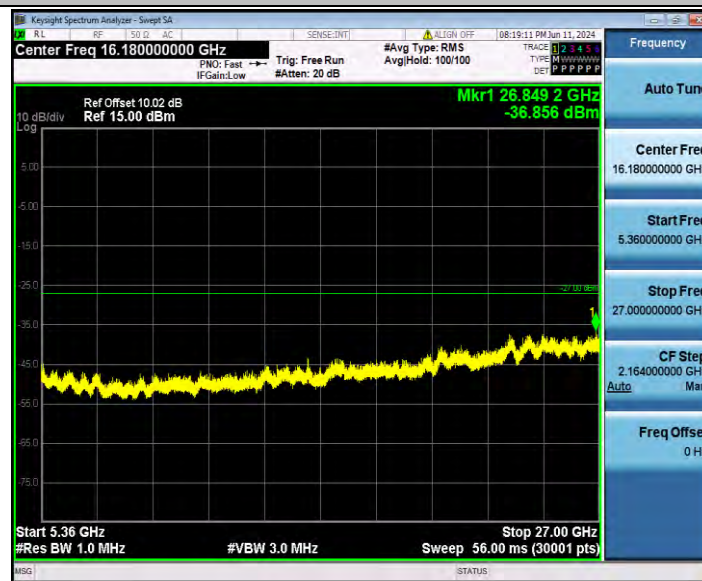
11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



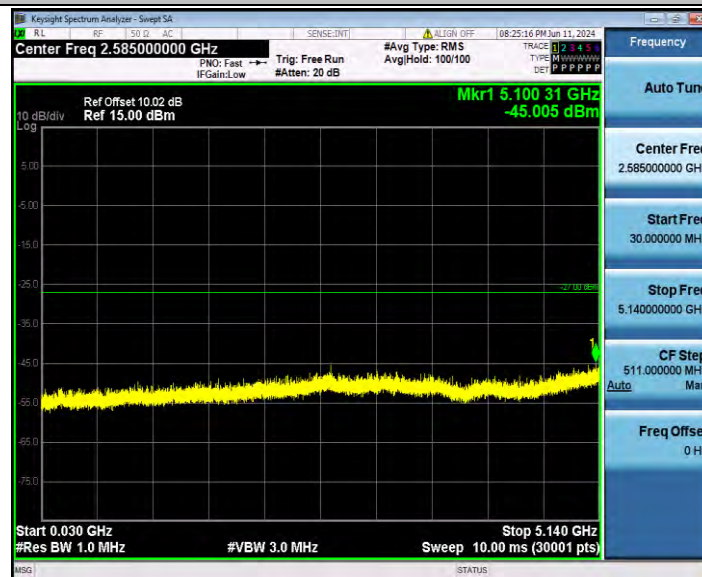
11AC20SISO_Ant1_5180_30~5140



11AC20SISO_Ant1_5180_5360~27000



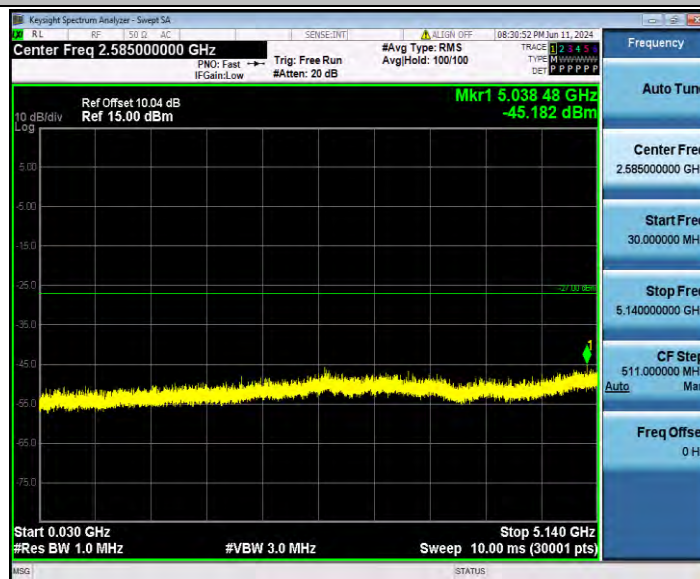
11AC20SISO_Ant1_5200_30~5140



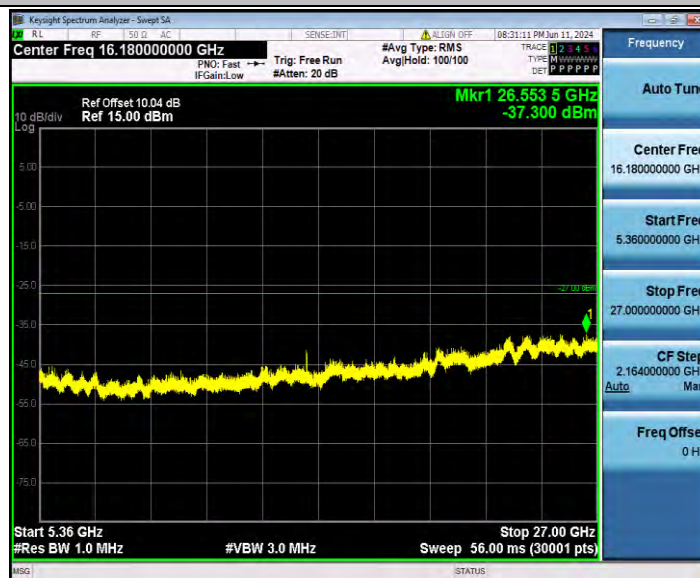
11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



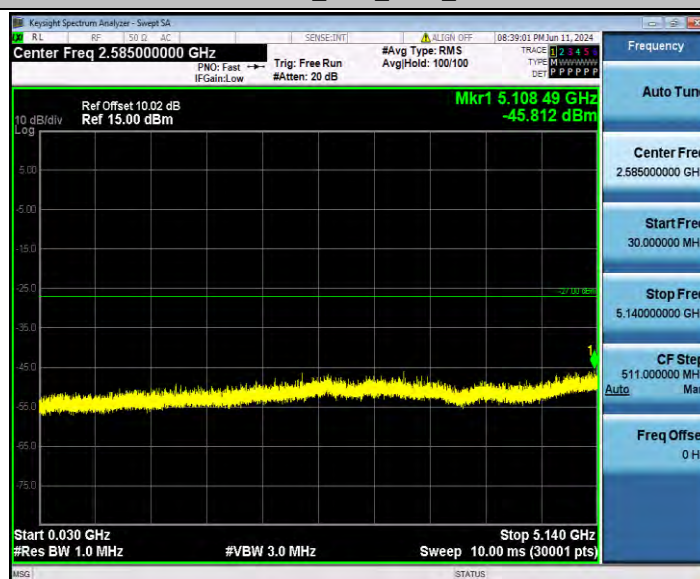
11AC40SISO_Ant1_5190_30~5140



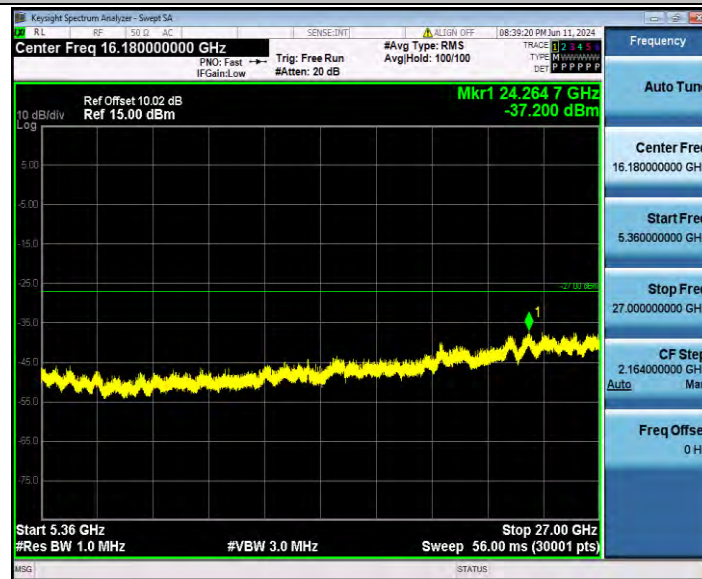
11AC40SISO_Ant1_5190_5360~27000



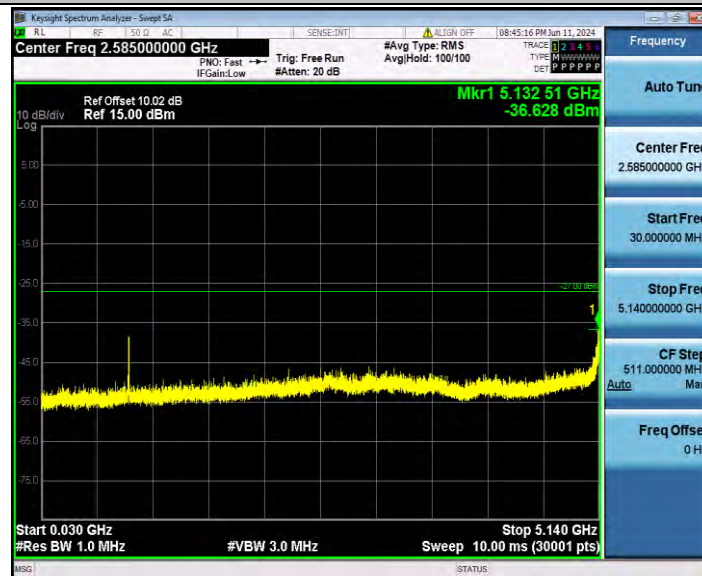
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~27000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~27000



Appendix D.8: Emissions in Restricted Bands

Test Result

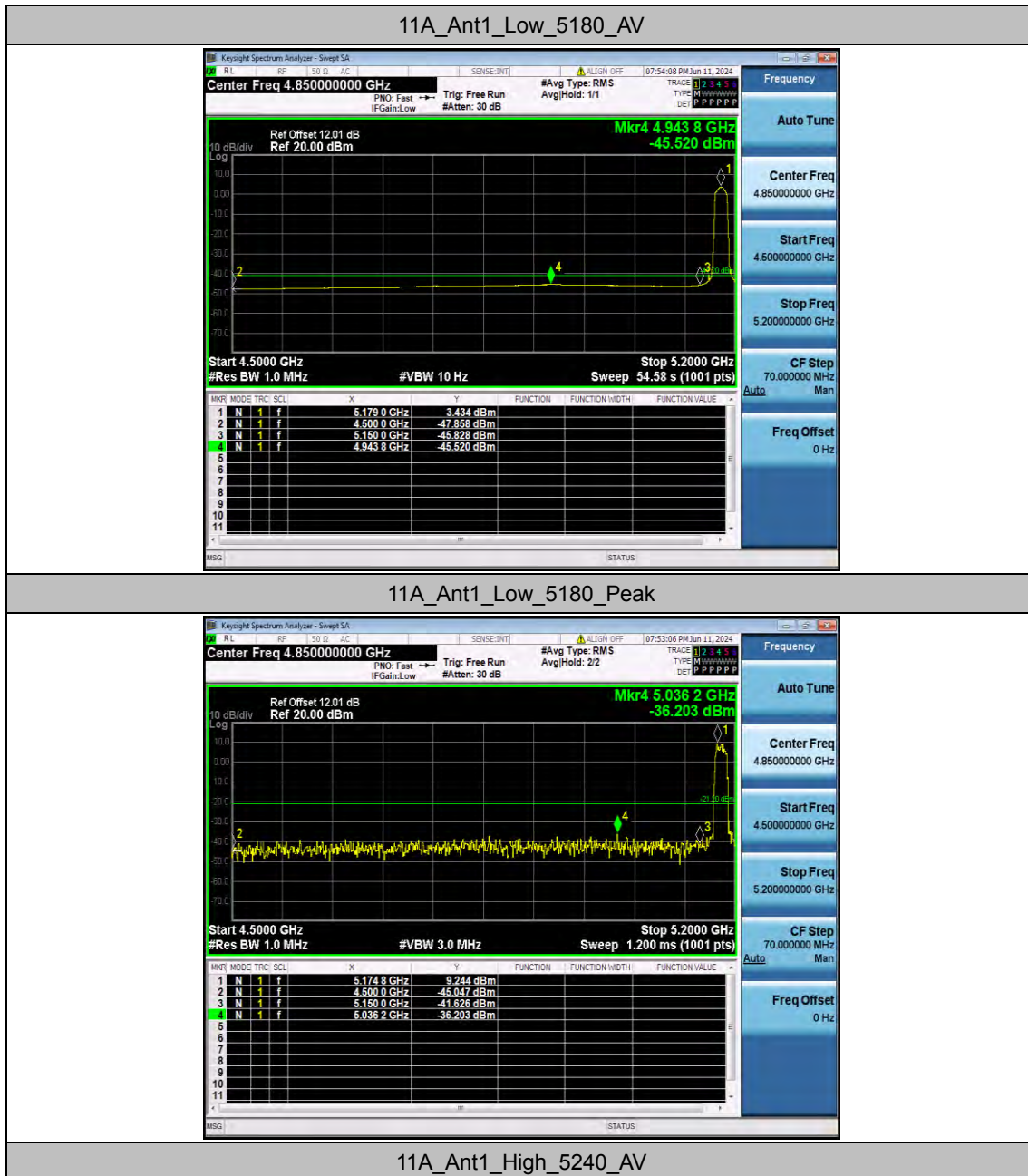
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.86	≤-41.20	47.34	≤54	PASS
				AV	4943.800	-45.52	≤-41.20	49.68	≤54	PASS
				AV	5150.000	-45.83	≤-41.20	49.37	≤54	PASS
				Peak	4500.000	-45.05	≤-21.20	50.15	≤74	PASS
				Peak	5036.200	-36.2	≤-21.20	59.00	≤74	PASS
				Peak	5150.000	-41.63	≤-21.20	53.57	≤74	PASS
		High	5240	AV	5350.000	-46.5	≤-41.20	48.70	≤54	PASS
				AV	5456.880	-45.73	≤-41.20	49.47	≤54	PASS
				AV	5460.000	-45.81	≤-41.20	49.39	≤54	PASS
				Peak	5350.000	-48.27	≤-21.20	46.93	≤74	PASS
				Peak	5442.000	-36.6	≤-21.20	58.60	≤74	PASS
				Peak	5460.000	-39.94	≤-21.20	55.26	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.88	≤-41.20	47.32	≤54	PASS
				AV	4945.900	-45.53	≤-41.20	49.67	≤54	PASS
				AV	5150.000	-45.71	≤-41.20	49.49	≤54	PASS
				Peak	4500.000	-44.71	≤-21.20	50.49	≤74	PASS
				Peak	4973.200	-36.07	≤-21.20	59.13	≤74	PASS
				Peak	5150.000	-42.51	≤-21.20	52.69	≤74	PASS
		High	5240	AV	5350.000	-46.47	≤-41.20	48.73	≤54	PASS
				AV	5446.560	-45.74	≤-41.20	49.46	≤54	PASS
				AV	5460.000	-45.79	≤-41.20	49.41	≤54	PASS
				Peak	5350.000	-39.37	≤-21.20	55.83	≤74	PASS
				Peak	5389.200	-37.91	≤-21.20	57.29	≤74	PASS
				Peak	5460.000	-40.64	≤-21.20	54.56	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.86	≤-41.20	47.34	≤54	PASS
				AV	5149.600	-45.16	≤-41.20	50.04	≤54	PASS
				AV	5150.000	-45.17	≤-41.20	50.03	≤54	PASS
				Peak	4500.000	-45.65	≤-21.20	49.55	≤74	PASS
				Peak	5125.800	-36.27	≤-21.20	58.93	≤74	PASS
				Peak	5150.000	-37.94	≤-21.20	57.26	≤74	PASS
		High	5230	AV	5350.000	-46.52	≤-41.20	48.68	≤54	PASS
				AV	5457.140	-45.76	≤-41.20	49.44	≤54	PASS
				AV	5460.000	-45.81	≤-41.20	49.39	≤54	PASS
				Peak	5350.000	-45.86	≤-21.20	49.34	≤74	PASS
				Peak	5459.480	-36.79	≤-21.20	58.41	≤74	PASS
				Peak	5460.000	-41.88	≤-21.20	53.32	≤74	PASS

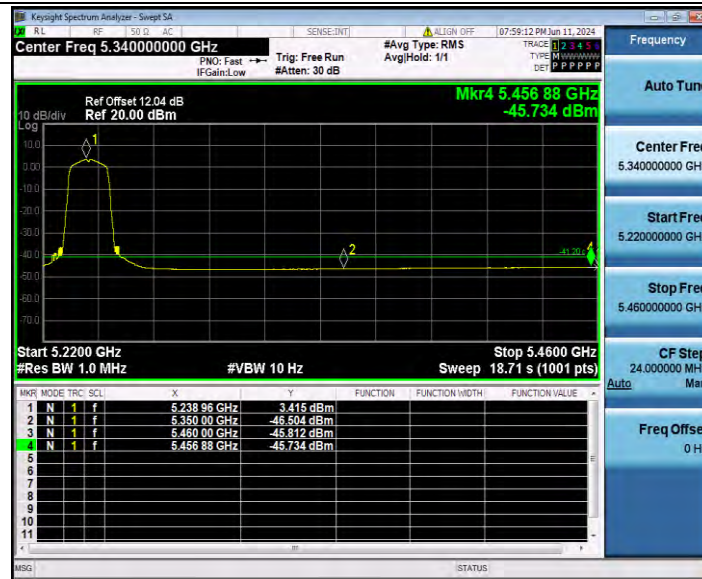
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.87	≤ -41.20	47.33	≤ 54	PASS
				AV	4945.200	-45.5	≤ -41.20	49.70	≤ 54	PASS
				AV	5150.000	-45.83	≤ -41.20	49.37	≤ 54	PASS
				Peak	4500.000	-44.73	≤ -21.20	50.47	≤ 74	PASS
				Peak	5039.700	-37.76	≤ -21.20	57.44	≤ 74	PASS
				Peak	5150.000	-39.15	≤ -21.20	56.05	≤ 74	PASS
		High	5240	AV	5350.000	-46.49	≤ -41.20	48.71	≤ 54	PASS
				AV	5458.800	-45.74	≤ -41.20	49.46	≤ 54	PASS
				AV	5460.000	-45.8	≤ -41.20	49.40	≤ 54	PASS
				Peak	5350.000	-41.73	≤ -21.20	53.47	≤ 74	PASS
				Peak	5448.240	-36.15	≤ -21.20	59.05	≤ 74	PASS
				Peak	5460.000	-44.18	≤ -21.20	51.02	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.86	≤ -41.20	47.34	≤ 54	PASS
				AV	5149.600	-45.31	≤ -41.20	49.89	≤ 54	PASS
				AV	5150.000	-45.26	≤ -41.20	49.94	≤ 54	PASS
				Peak	4500.000	-43.77	≤ -21.20	51.43	≤ 74	PASS
				Peak	5145.400	-34.02	≤ -21.20	61.18	≤ 74	PASS
				Peak	5150.000	-38.57	≤ -21.20	56.63	≤ 74	PASS
		High	5230	AV	5350.000	-46.52	≤ -41.20	48.68	≤ 54	PASS
				AV	5457.400	-45.77	≤ -41.20	49.43	≤ 54	PASS
				AV	5460.000	-45.8	≤ -41.20	49.40	≤ 54	PASS
				Peak	5350.000	-38.96	≤ -21.20	56.24	≤ 74	PASS
				Peak	5446.480	-37.04	≤ -21.20	58.16	≤ 74	PASS
				Peak	5460.000	-38.53	≤ -21.20	56.67	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.88	≤ -41.20	47.32	≤ 54	PASS
				AV	5149.500	-44.16	≤ -41.20	51.04	≤ 54	PASS
				AV	5150.000	-44.15	≤ -41.20	51.05	≤ 54	PASS
				Peak	4500.000	-45.76	≤ -21.20	49.44	≤ 74	PASS
				Peak	5125.500	-36.54	≤ -21.20	58.66	≤ 74	PASS
				Peak	5150.000	-42.29	≤ -21.20	52.91	≤ 74	PASS
		High	5210	AV	5350.000	-46.48	≤ -41.20	48.72	≤ 54	PASS
				AV	5454.680	-45.78	≤ -41.20	49.42	≤ 54	PASS
				AV	5460.000	-45.85	≤ -41.20	49.35	≤ 54	PASS
				Peak	5350.000	-42.47	≤ -21.20	52.73	≤ 74	PASS
				Peak	5372.920	-37.93	≤ -21.20	57.27	≤ 74	PASS
				Peak	5460.000	-45.97	≤ -21.20	49.23	≤ 74	PASS

Note:

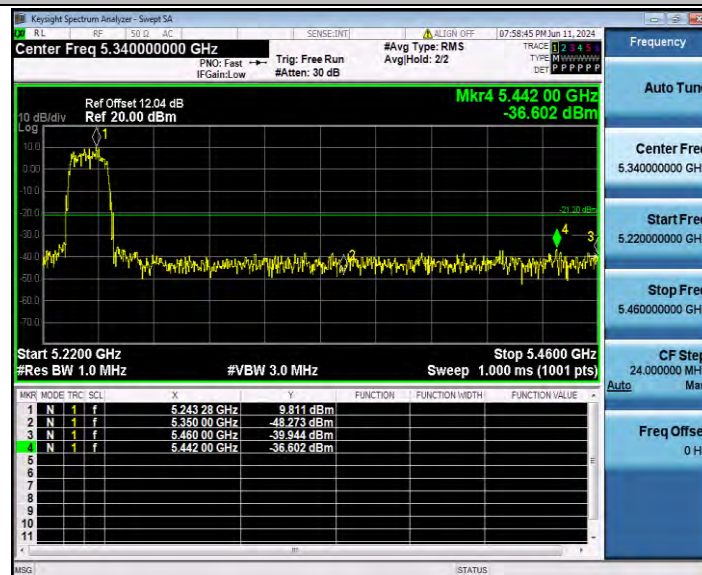
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs





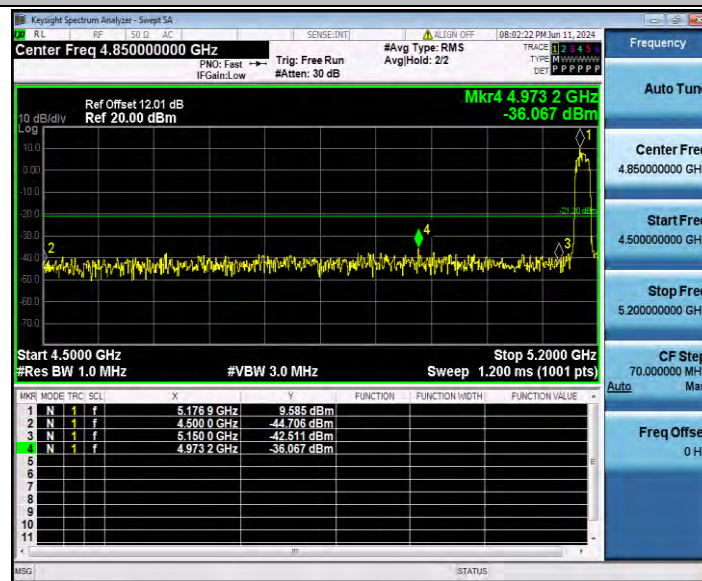
11A_Ant1_High_5240_Peak



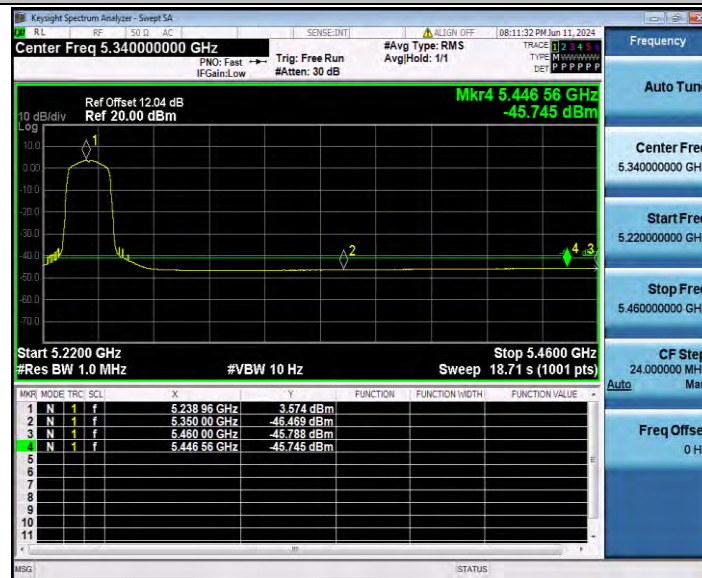
11N20SISO_Ant1_Low_5180_AV



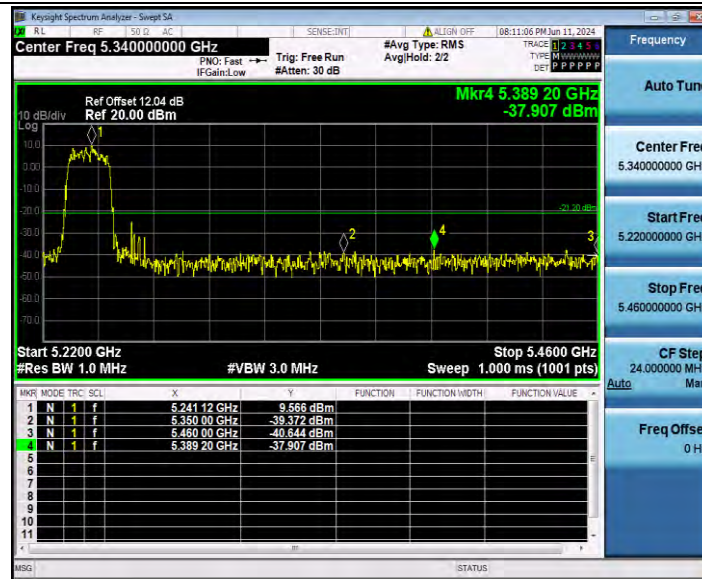
11N20SISO_Ant1_Low_5180_Peak



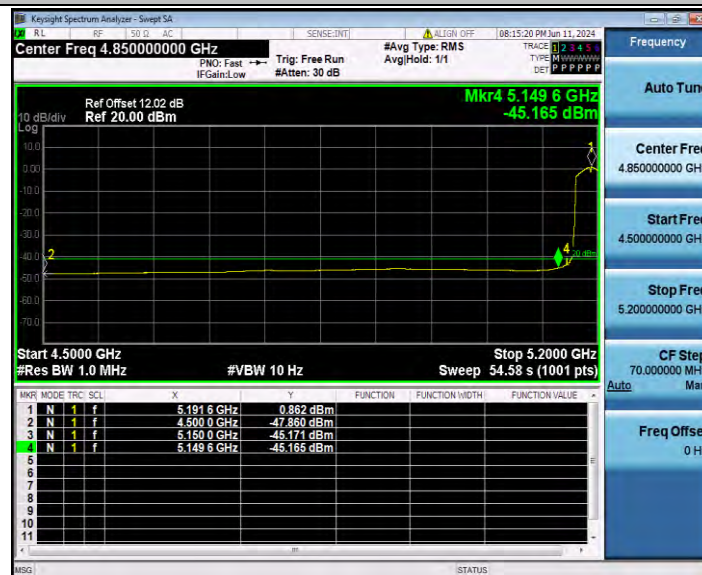
11N20SISO_Ant1_High_5240_AV



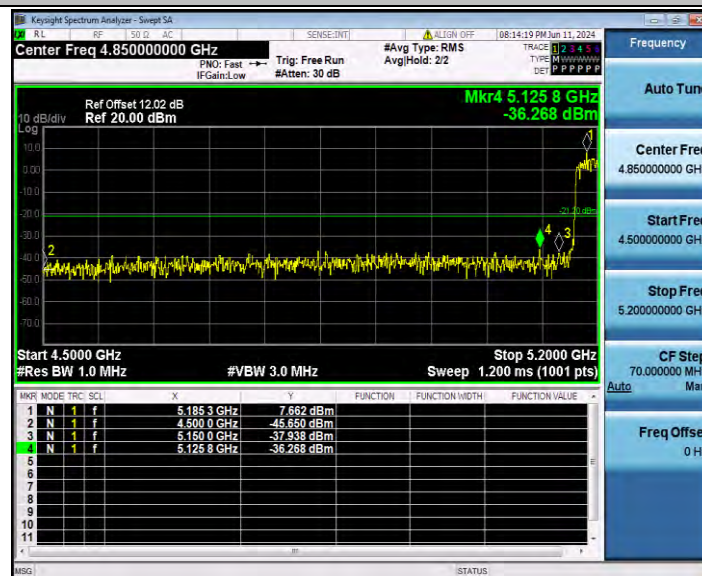
11N20SISO_Ant1_High_5240_Peak

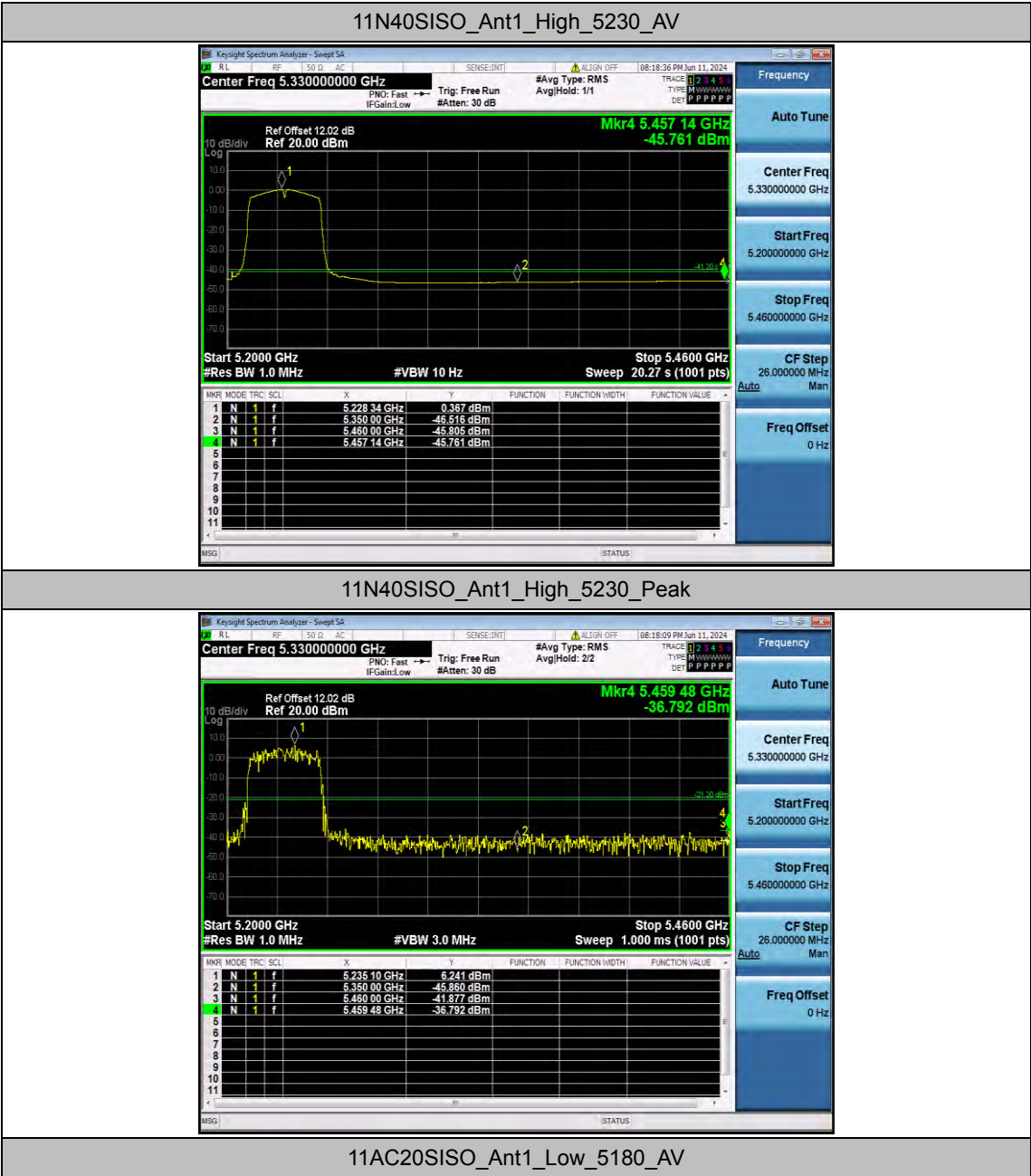


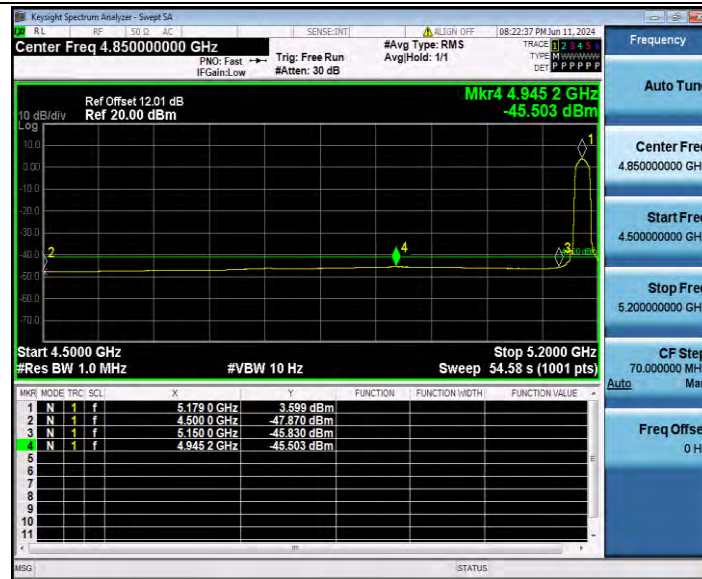
11N40SISO_Ant1_Low_5190_AV



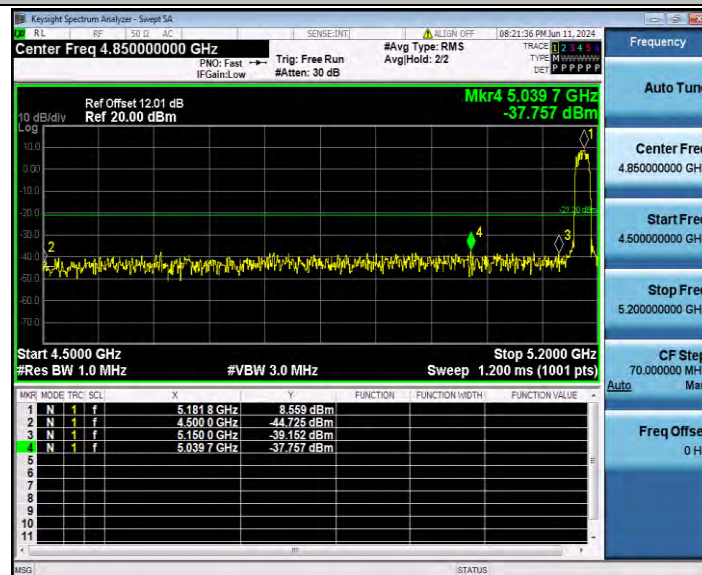
11N40SISO_Ant1_Low_5190_Peak



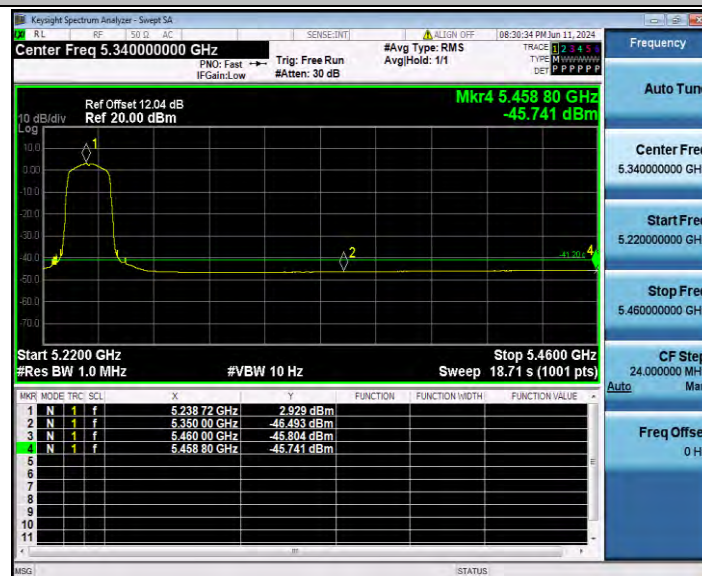




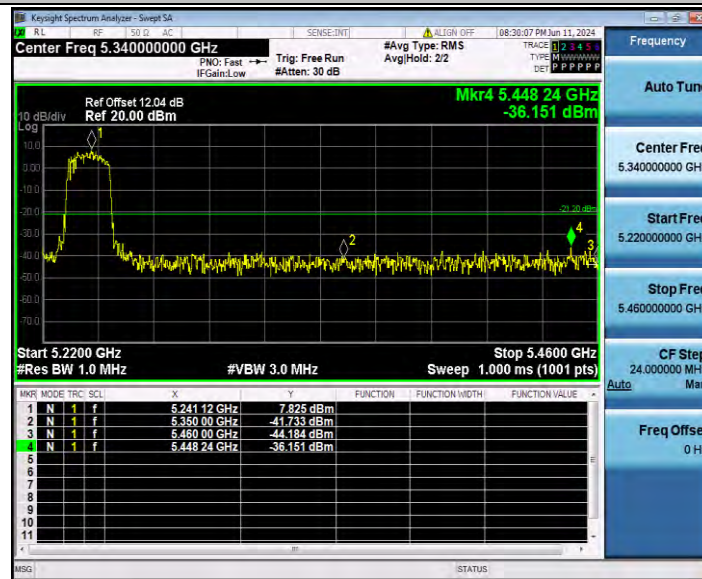
11AC20SISO_Ant1_Low_5180_Peak



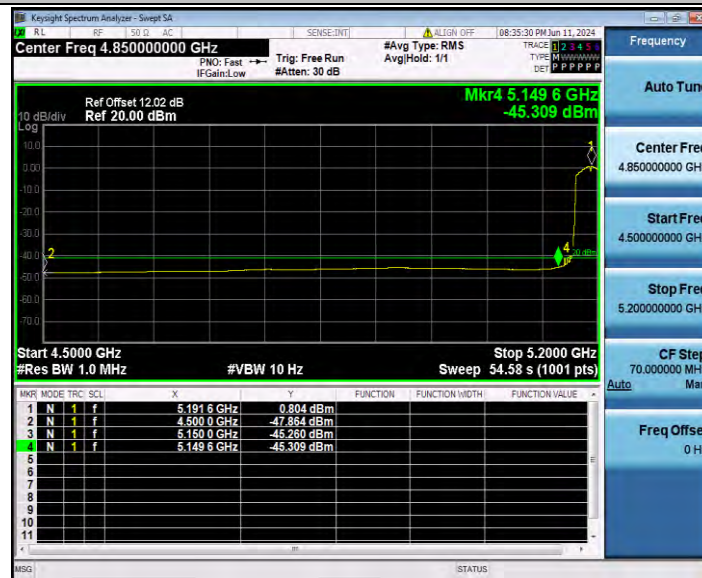
11AC20SISO_Ant1_High_5240_AV



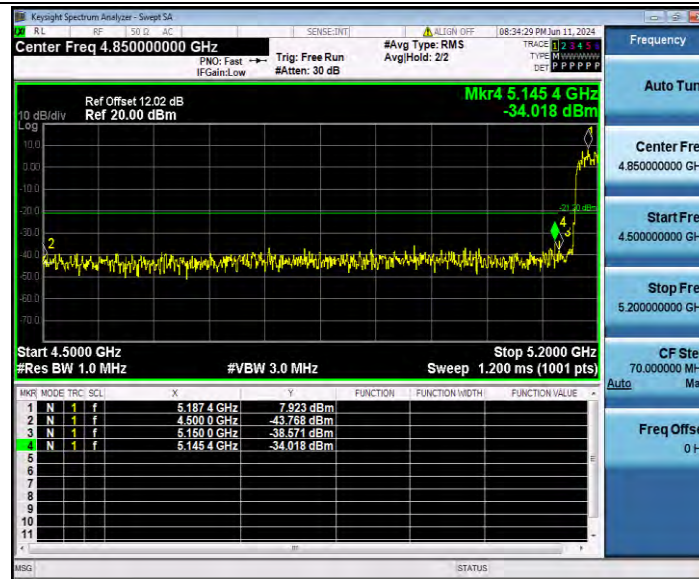
11AC20SISO_Ant1_High_5240_Peak



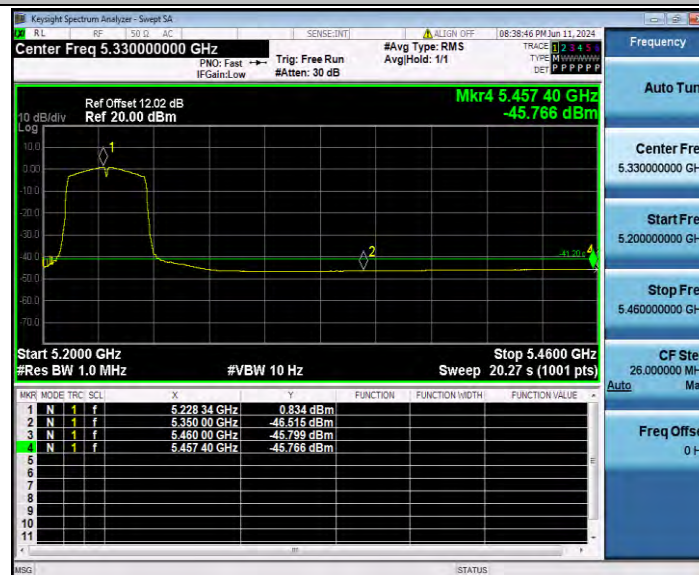
11AC40SISO_Ant1_Low_5190_AV



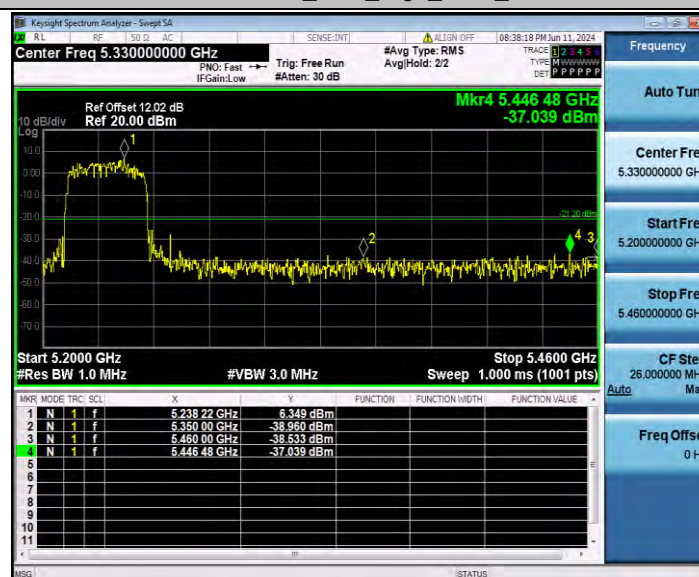
11AC40SISO_Ant1_Low_5190_Peak



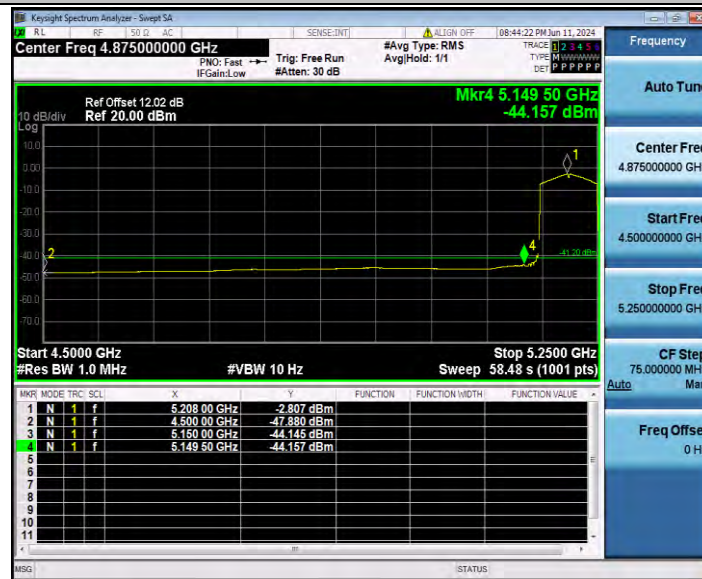
11AC40SISO_Ant1_High_5230_AV



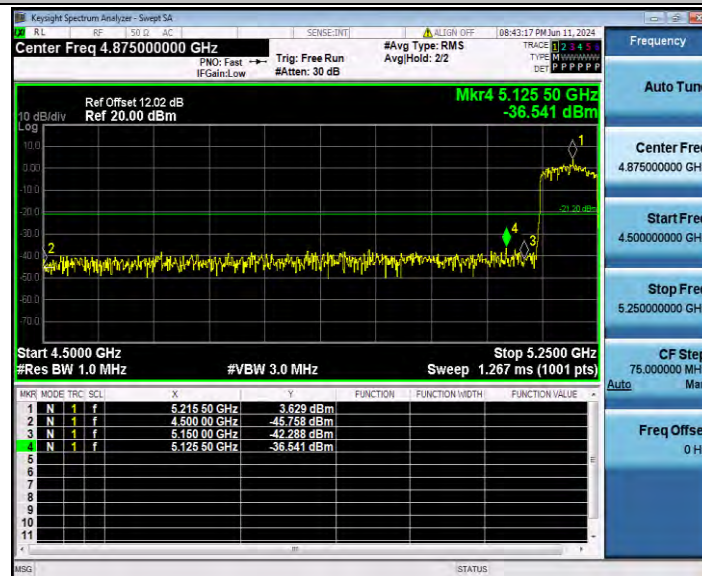
11AC40SISO_Ant1_High_5230_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak

