

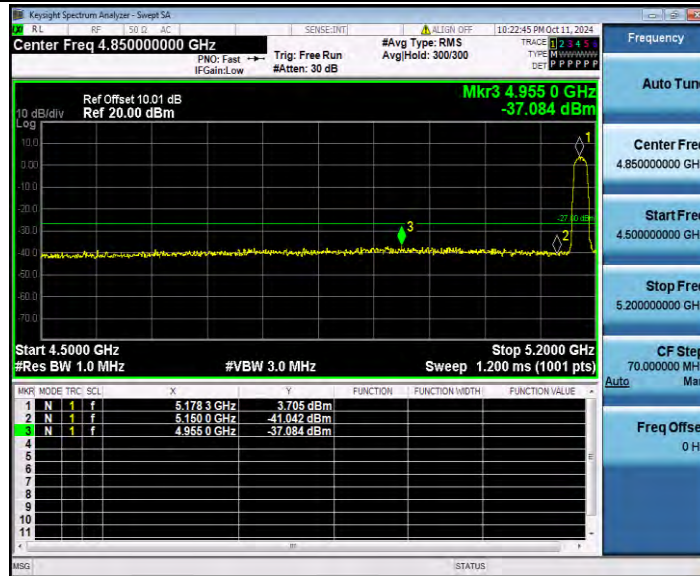
Appendix D.6: Band edge measurements

Test Result B1

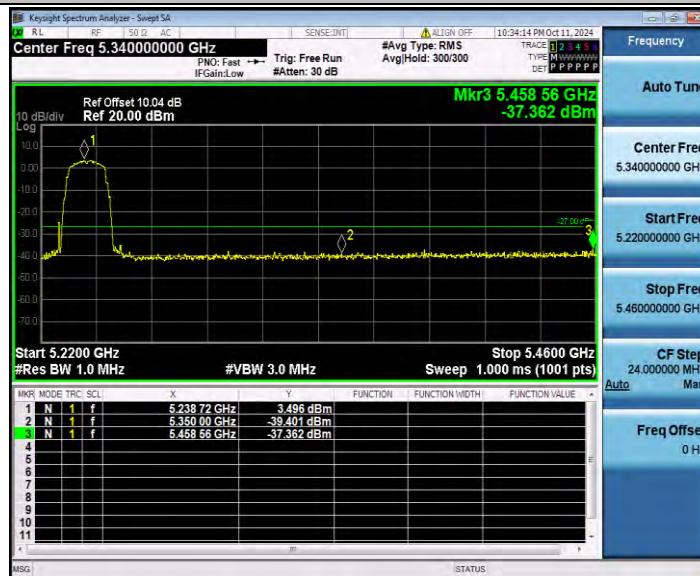
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-37.08	≤ -27	PASS
		High	5240	-37.36	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-36.83	≤ -27	PASS
		High	5240	-36.44	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.86	≤ -27	PASS
		High	5230	-37.32	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-36.19	≤ -27	PASS
		High	5240	-37.61	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-36.73	≤ -27	PASS
		High	5230	-37.14	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-37.22	≤ -27	PASS
		High	5210	-37	≤ -27	PASS

Test Graphs B1

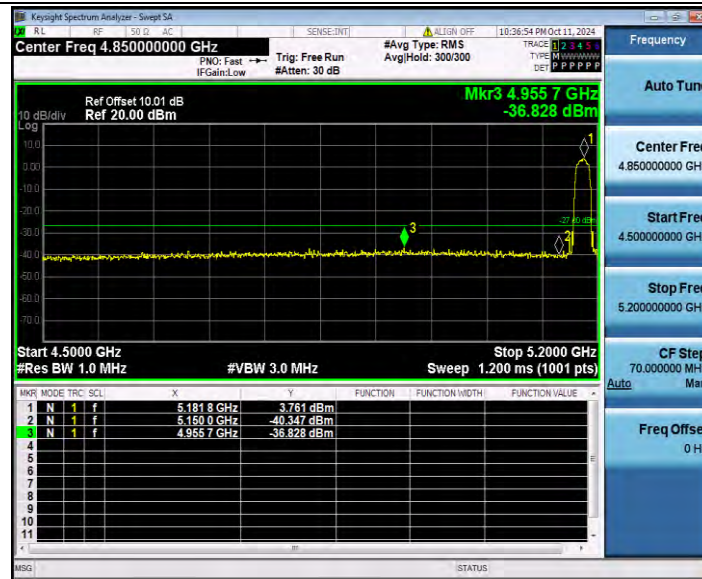
11A_Ant1_Low_5180



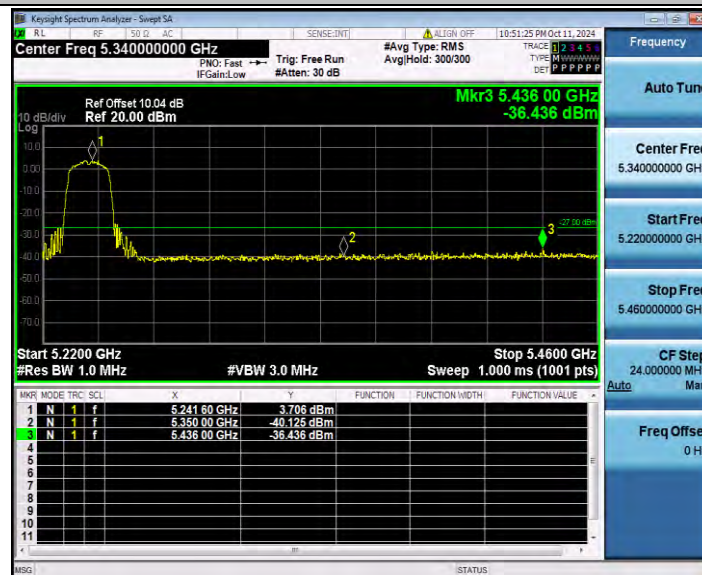
11A_Ant1_High_5240



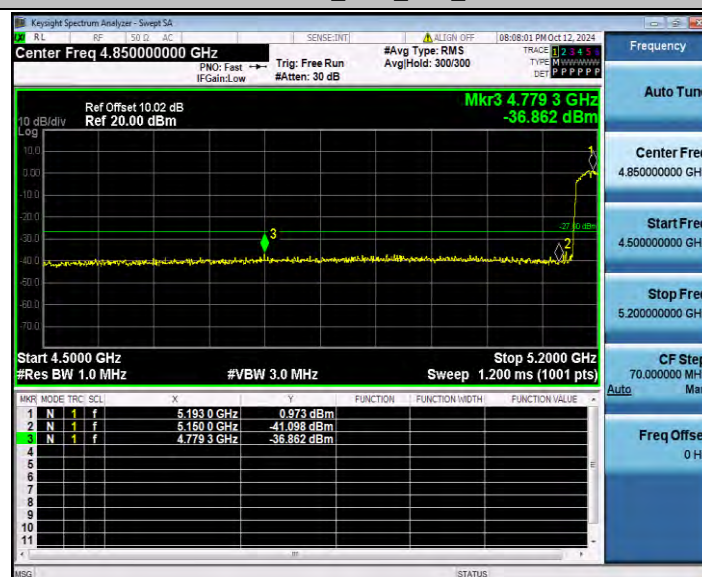
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



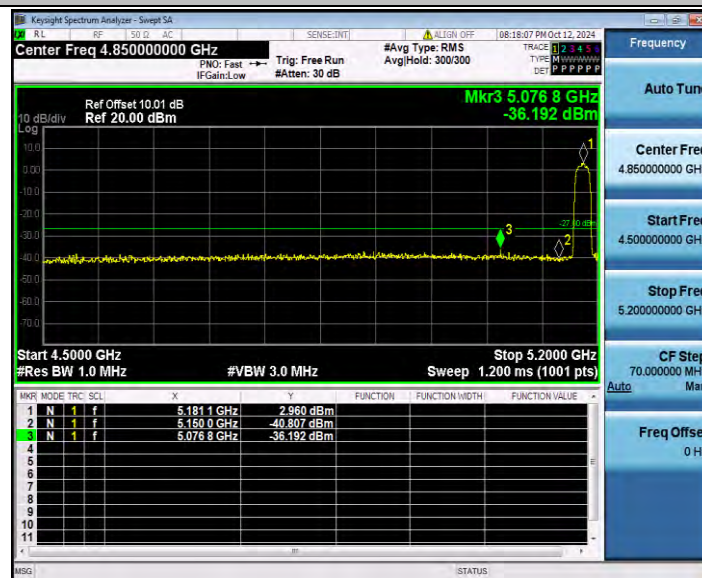
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



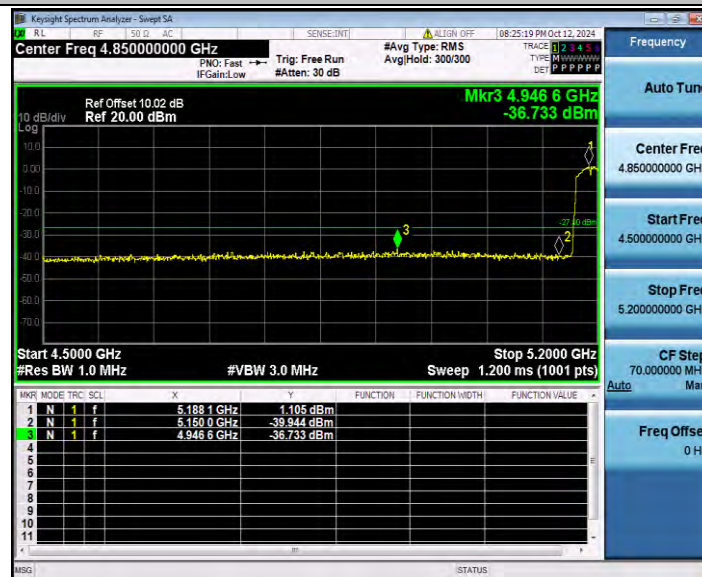
11AC20SISO_Ant1_Low_5180



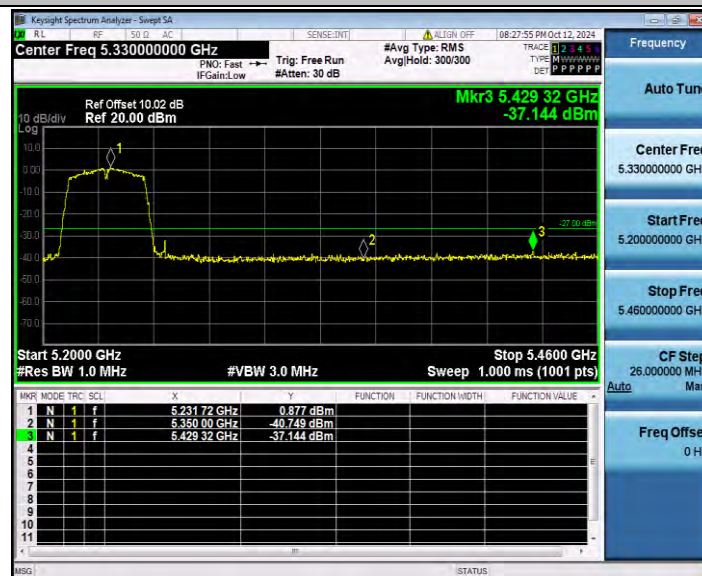
11AC20SISO_Ant1_High_5240



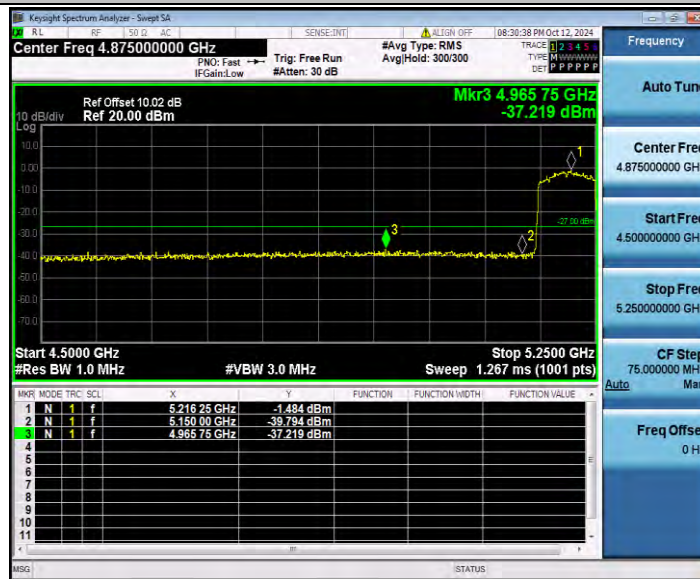
11AC40SISO_Ant1_Low_5190



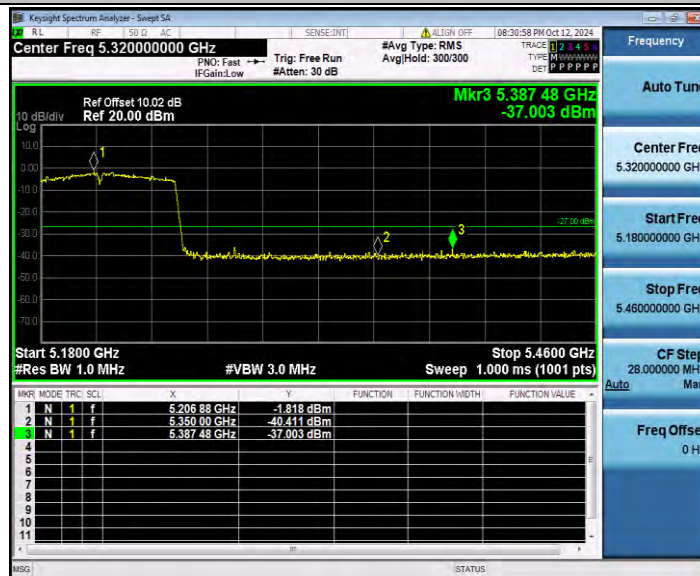
11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



Appendix D.7: Conducted Spurious Emission

Test Result

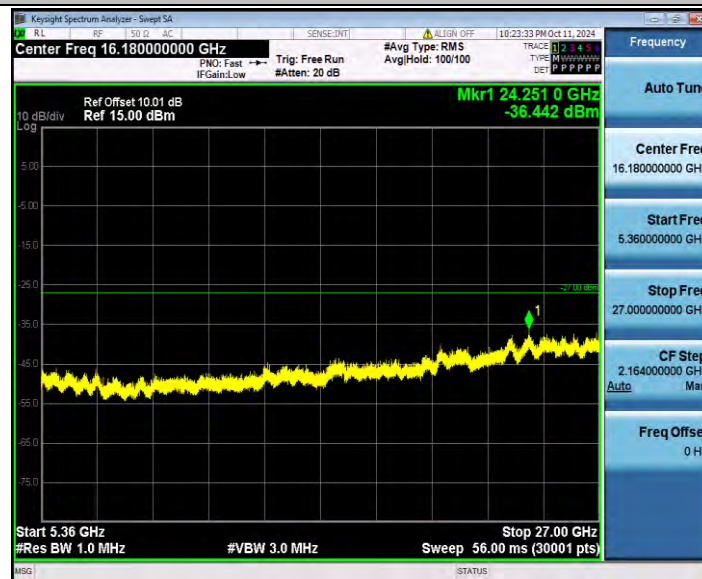
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5014.29	-46.3	≤-27	PASS
			5360~27000	24251	-36.44	≤-27	PASS
		5200	30~5140	4945.14	-46.53	≤-27	PASS
			5360~27000	24251	-37	≤-27	PASS
		5240	30~5140	4978.52	-45.82	≤-27	PASS
			5360~27000	24237.29	-37.07	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	910.11	-39.52	≤-27	PASS
			5360~27000	24268.31	-37	≤-27	PASS
		5200	30~5140	3036.55	-46.27	≤-27	PASS
			5360~27000	24751.6	-37.21	≤-27	PASS
		5240	30~5140	905.34	-44.44	≤-27	PASS
			5360~27000	23554.91	-36.46	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	1738.61	-44.72	≤-27	PASS
			5360~27000	25170.7	-37.38	≤-27	PASS
		5230	30~5140	2682.94	-46.67	≤-27	PASS
			5360~27000	26029.81	-36.11	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	4945.14	-45.83	≤-27	PASS
			5360~27000	26989.9	-37.41	≤-27	PASS
		5200	30~5140	2595.56	-46.44	≤-27	PASS
			5360~27000	24830.95	-37.49	≤-27	PASS
		5240	30~5140	5071.02	-46.1	≤-27	PASS
			5360~27000	26093.28	-37.45	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	3067.04	-46.42	≤-27	PASS
			5360~27000	25220.47	-36.94	≤-27	PASS
		5230	30~5140	1742.53	-39.47	≤-27	PASS
			5360~27000	24238.01	-37.03	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5138.47	-44.89	≤-27	PASS
			5360~27000	24990.37	-36.82	≤-27	PASS

Test Graphs

11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



11A_Ant1_5200_30~5140



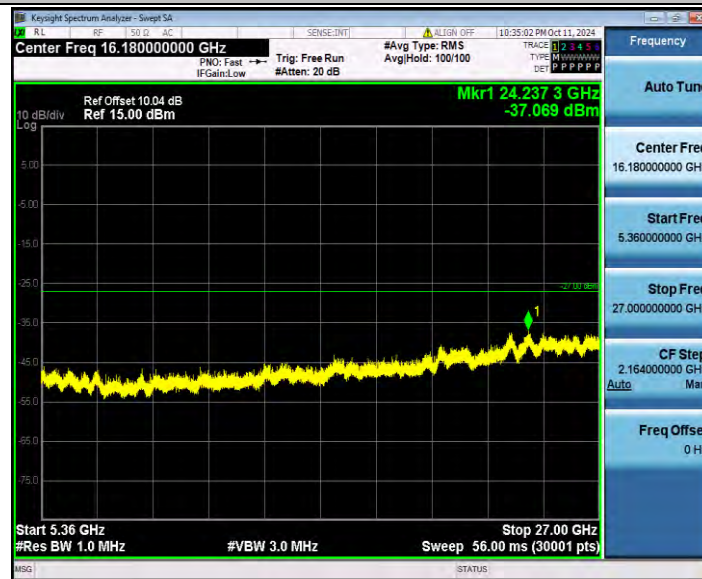
11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



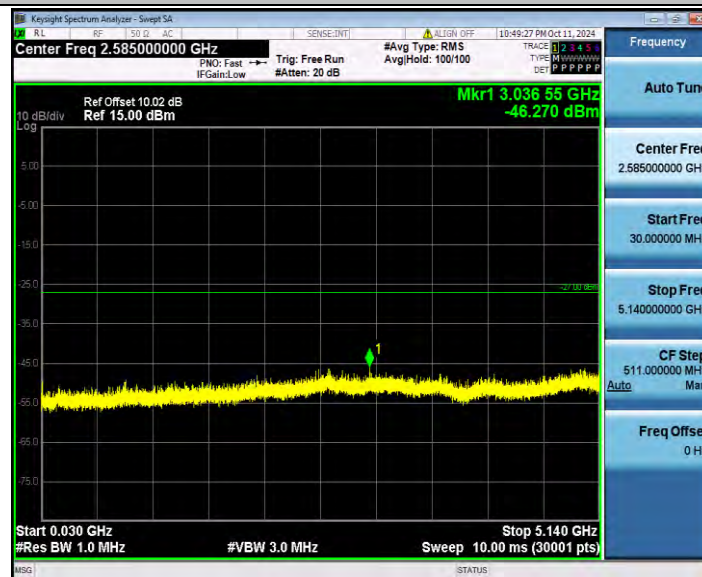
11N20SISO_Ant1_5180_30~5140



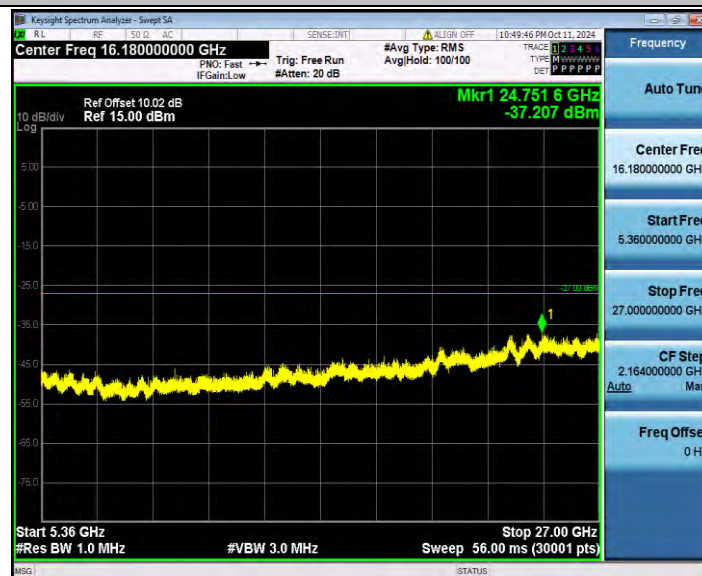
11N20SISO_Ant1_5180_5360~27000



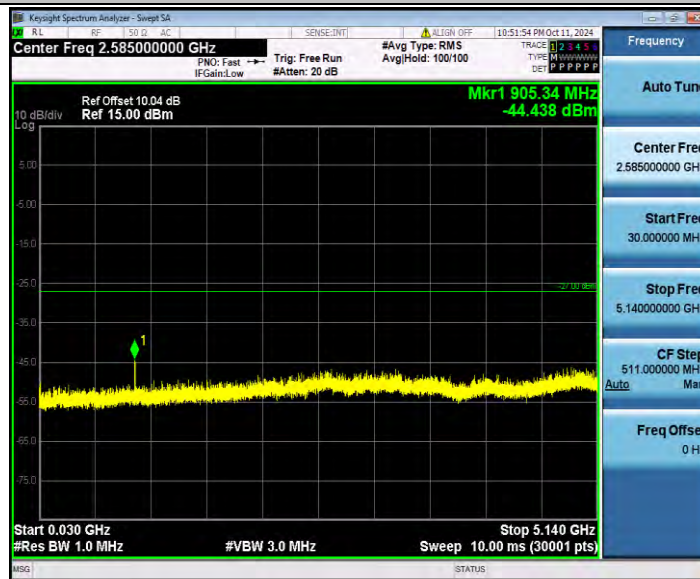
11N20SISO_Ant1_5200_30~5140



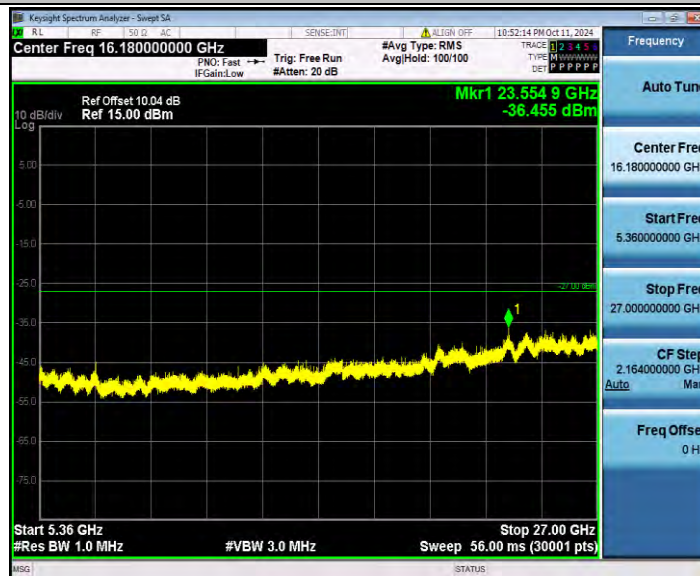
11N20SISO_Ant1_5200_5360~27000



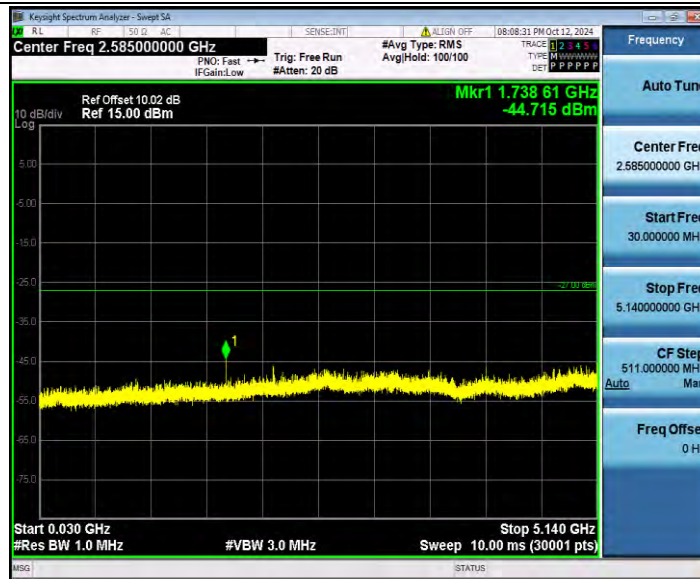
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



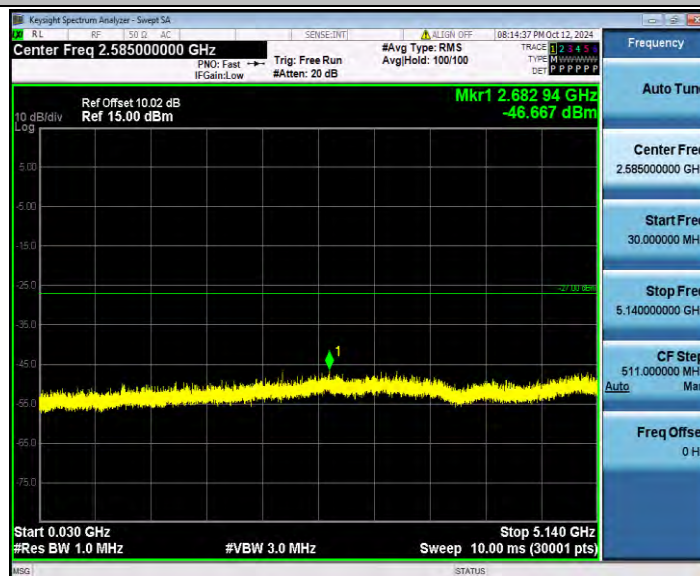
11N40SISO_Ant1_5190_30~5140



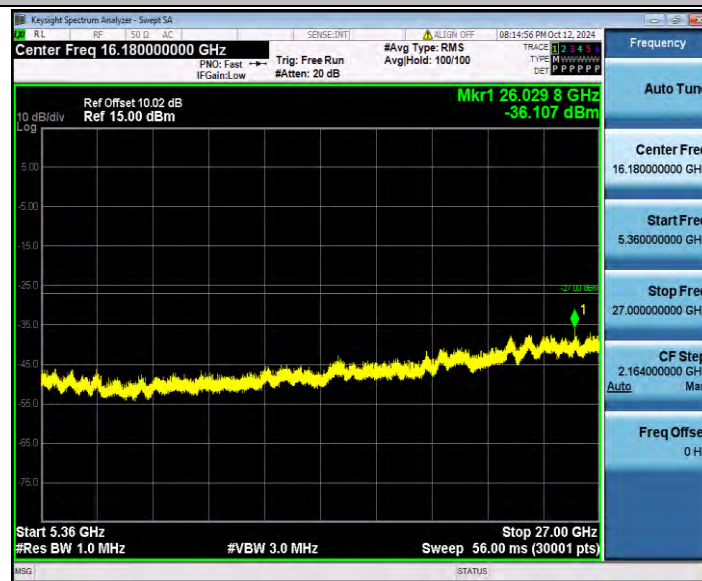
11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



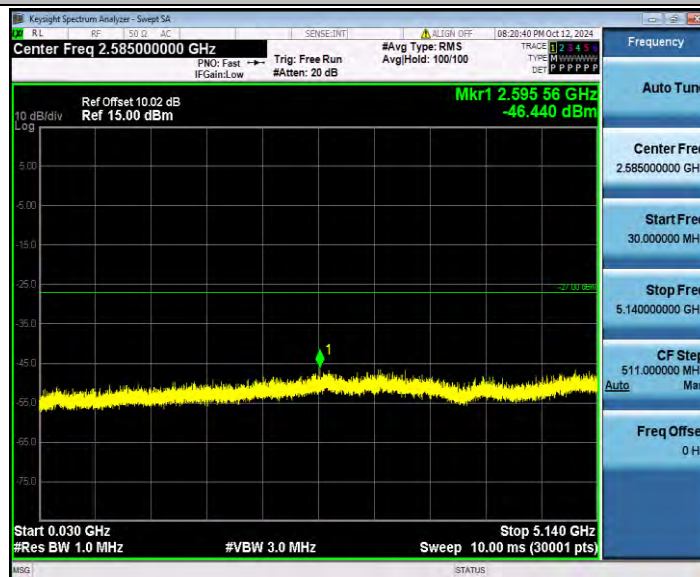
11AC20SISO_Ant1_5180_30~5140



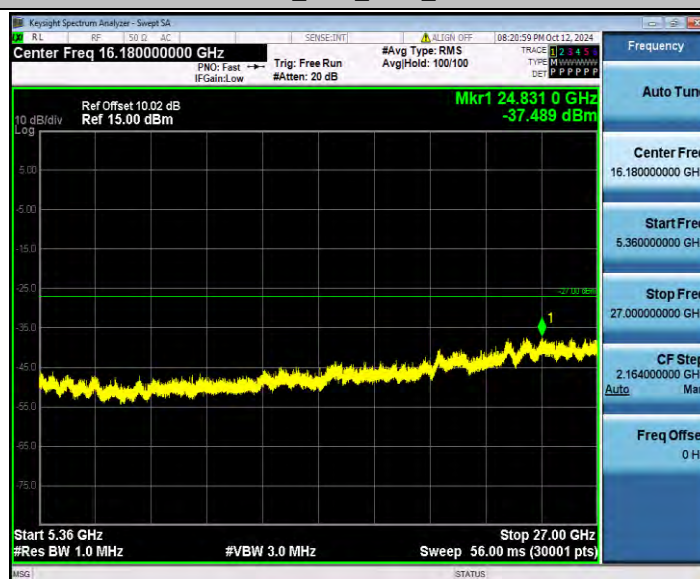
11AC20SISO_Ant1_5180_5360~27000



11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



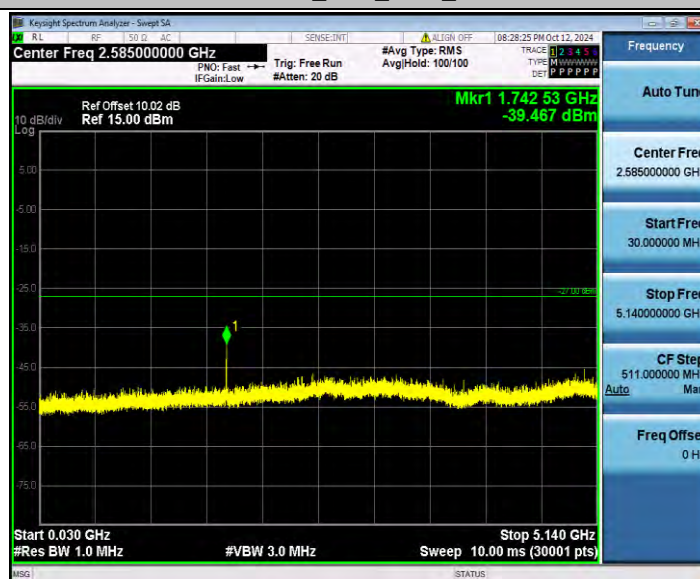
11AC40SISO_Ant1_5190_30~5140



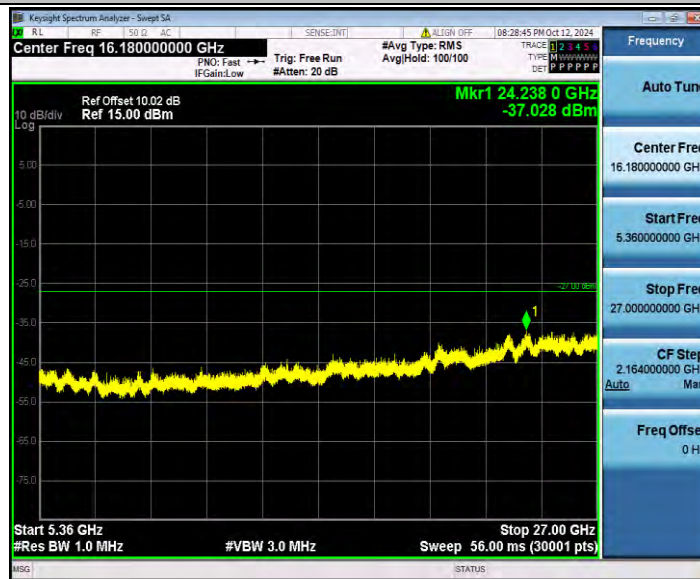
11AC40SISO_Ant1_5190_5360~27000



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

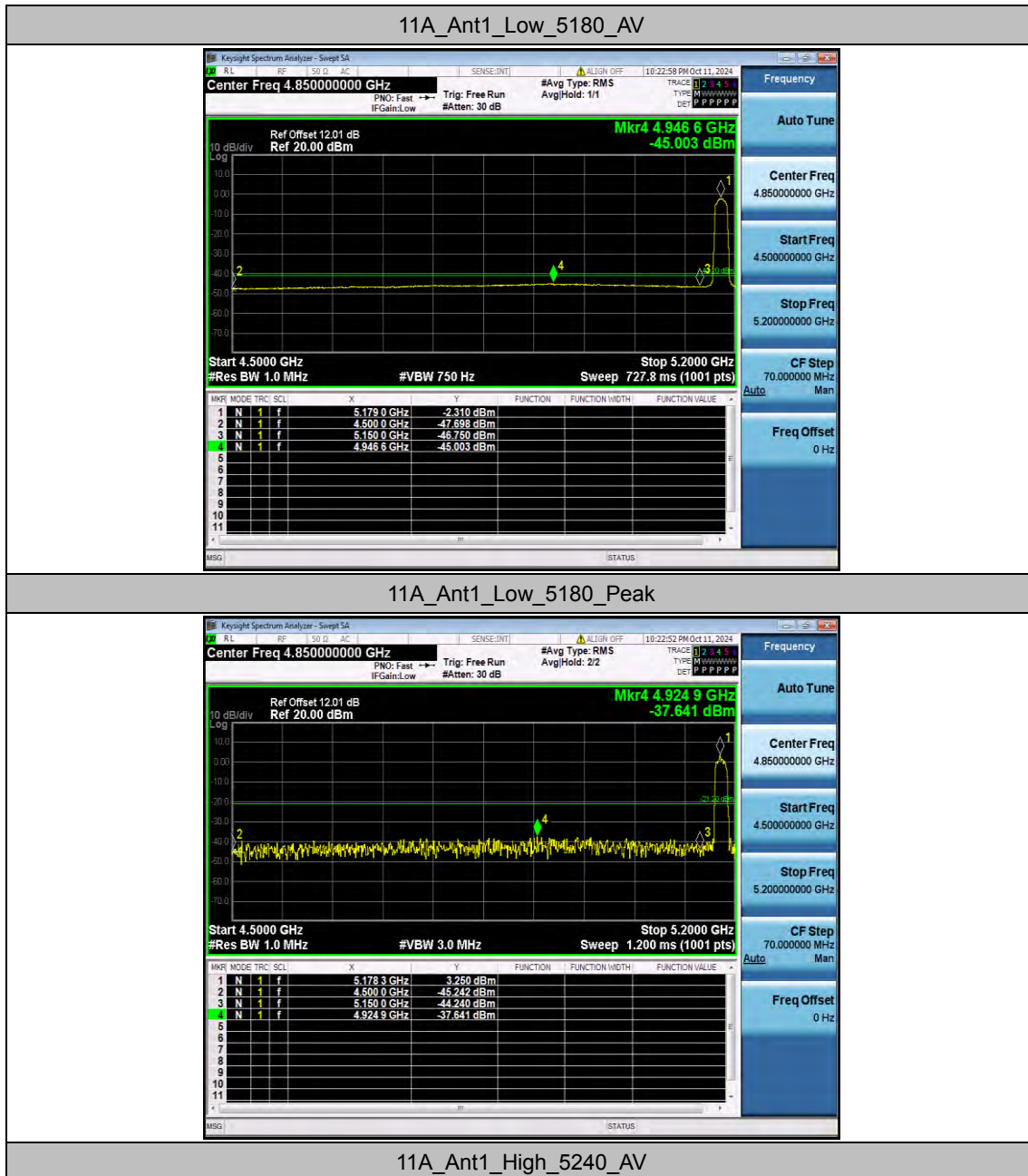
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.7	≤-41.20	47.50	≤54	PASS
				AV	4946.600	-45	≤-41.20	50.20	≤54	PASS
				AV	5150.000	-46.75	≤-41.20	48.45	≤54	PASS
				Peak	4500.000	-45.24	≤-21.20	49.96	≤74	PASS
				Peak	4924.900	-37.64	≤-21.20	57.56	≤74	PASS
				Peak	5150.000	-44.24	≤-21.20	50.96	≤74	PASS
		High	5240	AV	5350.000	-46.59	≤-41.20	48.61	≤54	PASS
				AV	5443.920	-45.15	≤-41.20	50.05	≤54	PASS
				AV	5460.000	-45.81	≤-41.20	49.39	≤54	PASS
				Peak	5350.000	-42.44	≤-21.20	52.76	≤74	PASS
				Peak	5424.960	-37.45	≤-21.20	57.75	≤74	PASS
				Peak	5460.000	-40.94	≤-21.20	54.26	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-47.52	≤-41.20	47.68	≤54	PASS
				AV	4966.900	-45.14	≤-41.20	50.06	≤54	PASS
				AV	5150.000	-47.06	≤-41.20	48.14	≤54	PASS
				Peak	4500.000	-47.1	≤-21.20	48.10	≤74	PASS
				Peak	4995.600	-36.16	≤-21.20	59.04	≤74	PASS
				Peak	5150.000	-43.4	≤-21.20	51.80	≤74	PASS
		High	5240	AV	5350.000	-46.28	≤-41.20	48.92	≤54	PASS
				AV	5435.040	-45.27	≤-41.20	49.93	≤54	PASS
				AV	5460.000	-45.9	≤-41.20	49.30	≤54	PASS
				Peak	5350.000	-41.66	≤-21.20	53.54	≤74	PASS
				Peak	5430.480	-37.61	≤-21.20	57.59	≤74	PASS
				Peak	5460.000	-47.03	≤-21.20	48.17	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-47.49	≤-41.20	47.71	≤54	PASS
				AV	4926.300	-44.79	≤-41.20	50.41	≤54	PASS
				AV	5150.000	-46.61	≤-41.20	48.59	≤54	PASS
				Peak	4500.000	-44.56	≤-21.20	50.64	≤74	PASS
				Peak	5022.900	-36.44	≤-21.20	58.76	≤74	PASS
				Peak	5150.000	-45.61	≤-21.20	49.59	≤74	PASS
		High	5230	AV	5350.000	-46.91	≤-41.20	48.29	≤54	PASS
				AV	5458.960	-44.99	≤-41.20	50.21	≤54	PASS
				AV	5460.000	-45.67	≤-41.20	49.53	≤54	PASS
				Peak	5350.000	-42.49	≤-21.20	52.71	≤74	PASS
				Peak	5437.120	-38.19	≤-21.20	57.01	≤74	PASS
				Peak	5460.000	-39.56	≤-21.20	55.64	≤74	PASS

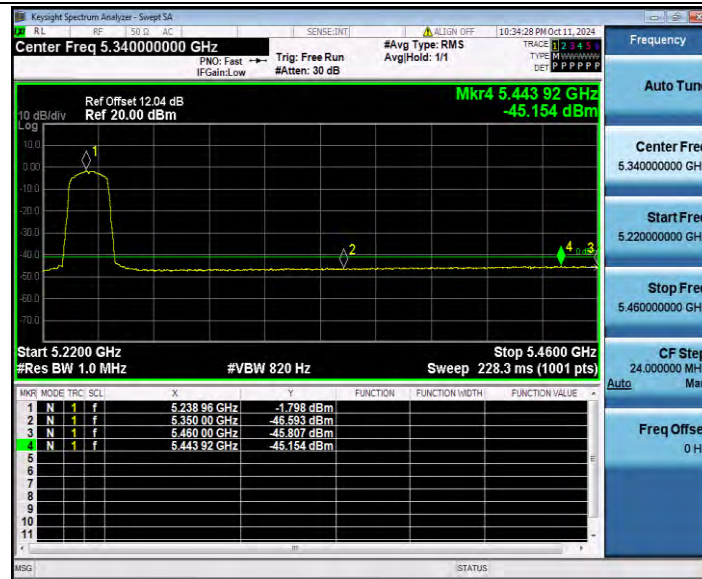
11AC20SI SO	Ant1	Low	5180	AV	4500.000	-47.71	≤ -41.20	47.49	≤ 54	PASS
				AV	4935.400	-44.83	≤ -41.20	50.37	≤ 54	PASS
				AV	5150.000	-46.74	≤ -41.20	48.46	≤ 54	PASS
				Peak	4500.000	-44.66	≤ -21.20	50.54	≤ 74	PASS
				Peak	5036.200	-37.31	≤ -21.20	57.89	≤ 74	PASS
				Peak	5150.000	-43.89	≤ -21.20	51.31	≤ 74	PASS
		High	5240	AV	5350.000	-46.24	≤ -41.20	48.96	≤ 54	PASS
				AV	5447.280	-45.3	≤ -41.20	49.90	≤ 54	PASS
				AV	5460.000	-45.91	≤ -41.20	49.29	≤ 54	PASS
				Peak	5350.000	-44.21	≤ -21.20	50.99	≤ 74	PASS
				Peak	5442.000	-37.42	≤ -21.20	57.78	≤ 74	PASS
				Peak	5460.000	-43.9	≤ -21.20	51.30	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.38	≤ -41.20	47.82	≤ 54	PASS
				AV	4929.800	-44.59	≤ -41.20	50.61	≤ 54	PASS
				AV	5150.000	-46.62	≤ -41.20	48.58	≤ 54	PASS
				Peak	4500.000	-46.43	≤ -21.20	48.77	≤ 74	PASS
				Peak	5021.500	-37.26	≤ -21.20	57.94	≤ 74	PASS
				Peak	5150.000	-43.21	≤ -21.20	51.99	≤ 74	PASS
		High	5230	AV	5350.000	-46.44	≤ -41.20	48.76	≤ 54	PASS
				AV	5440.760	-45.16	≤ -41.20	50.04	≤ 54	PASS
				AV	5460.000	-45.69	≤ -41.20	49.51	≤ 54	PASS
				Peak	5350.000	-42.71	≤ -21.20	52.49	≤ 74	PASS
				Peak	5419.180	-38.14	≤ -21.20	57.06	≤ 74	PASS
				Peak	5460.000	-42.09	≤ -21.20	53.11	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.5	≤ -41.20	47.70	≤ 54	PASS
				AV	4951.500	-44.52	≤ -41.20	50.68	≤ 54	PASS
				AV	5150.000	-45.72	≤ -41.20	49.48	≤ 54	PASS
				Peak	4500.000	-46.37	≤ -21.20	48.83	≤ 74	PASS
				Peak	4935.750	-36.47	≤ -21.20	58.73	≤ 74	PASS
				Peak	5150.000	-39.21	≤ -21.20	55.99	≤ 74	PASS
		High	5210	AV	5350.000	-46.42	≤ -41.20	48.78	≤ 54	PASS
				AV	5413.800	-44.93	≤ -41.20	50.27	≤ 54	PASS
				AV	5460.000	-45.18	≤ -41.20	50.02	≤ 54	PASS
				Peak	5350.000	-40.28	≤ -21.20	54.92	≤ 74	PASS
				Peak	5452.160	-36.91	≤ -21.20	58.29	≤ 74	PASS
				Peak	5460.000	-42.63	≤ -21.20	52.57	≤ 74	PASS

Note:

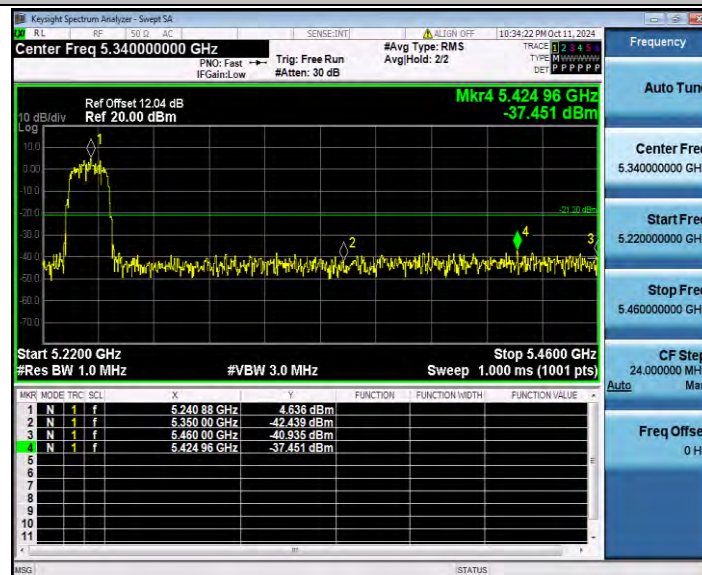
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs





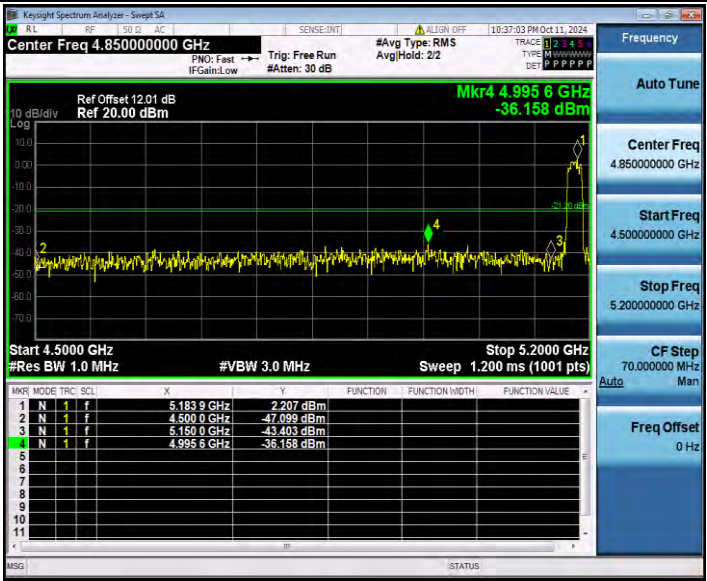
11A_Ant1_High_5240_Peak



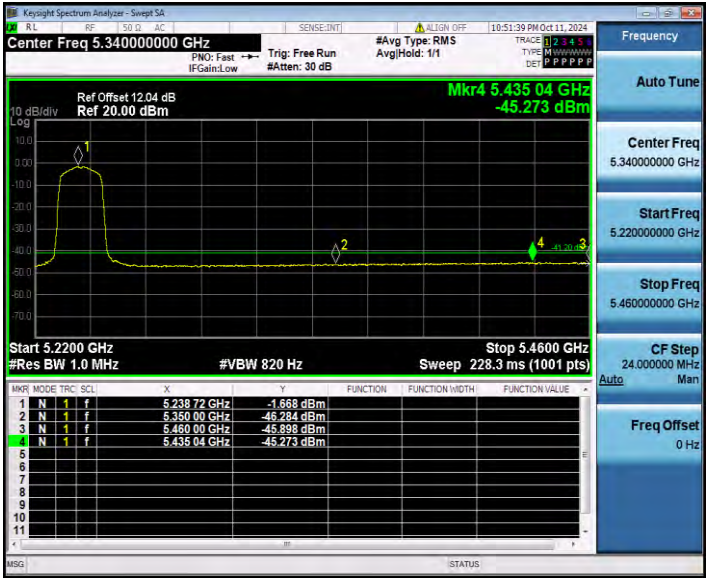
11N20SISO_Ant1_Low_5180_AV



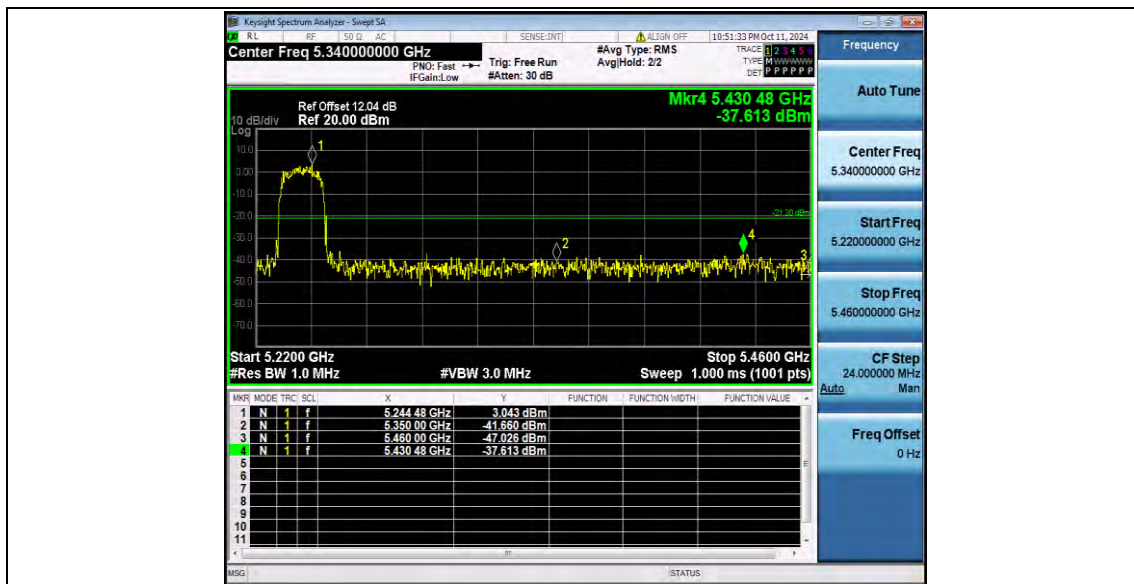
11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV



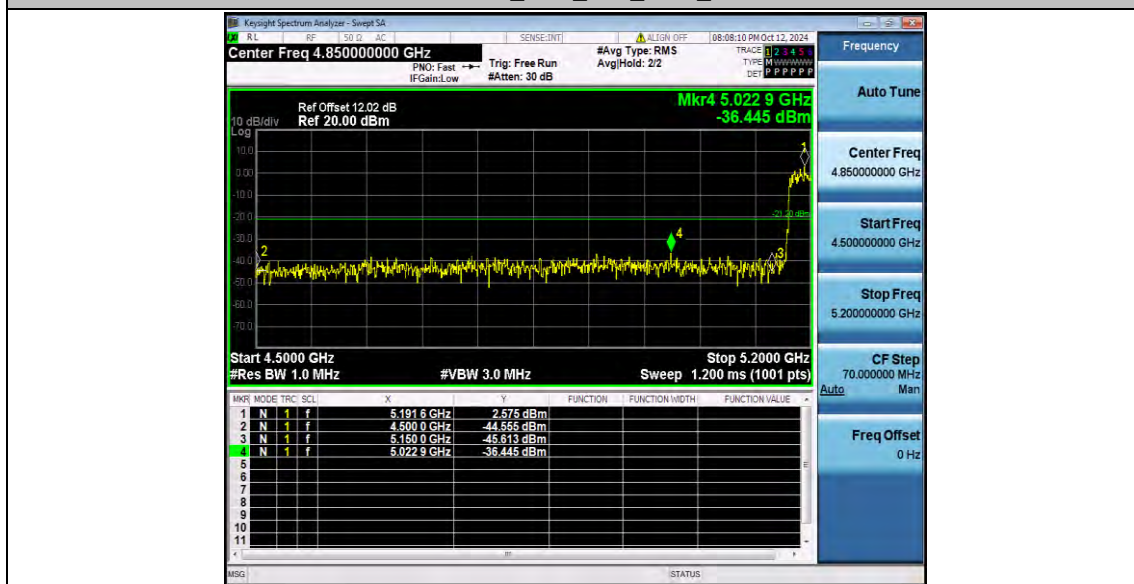
11N20SISO_Ant1_High_5240_Peak

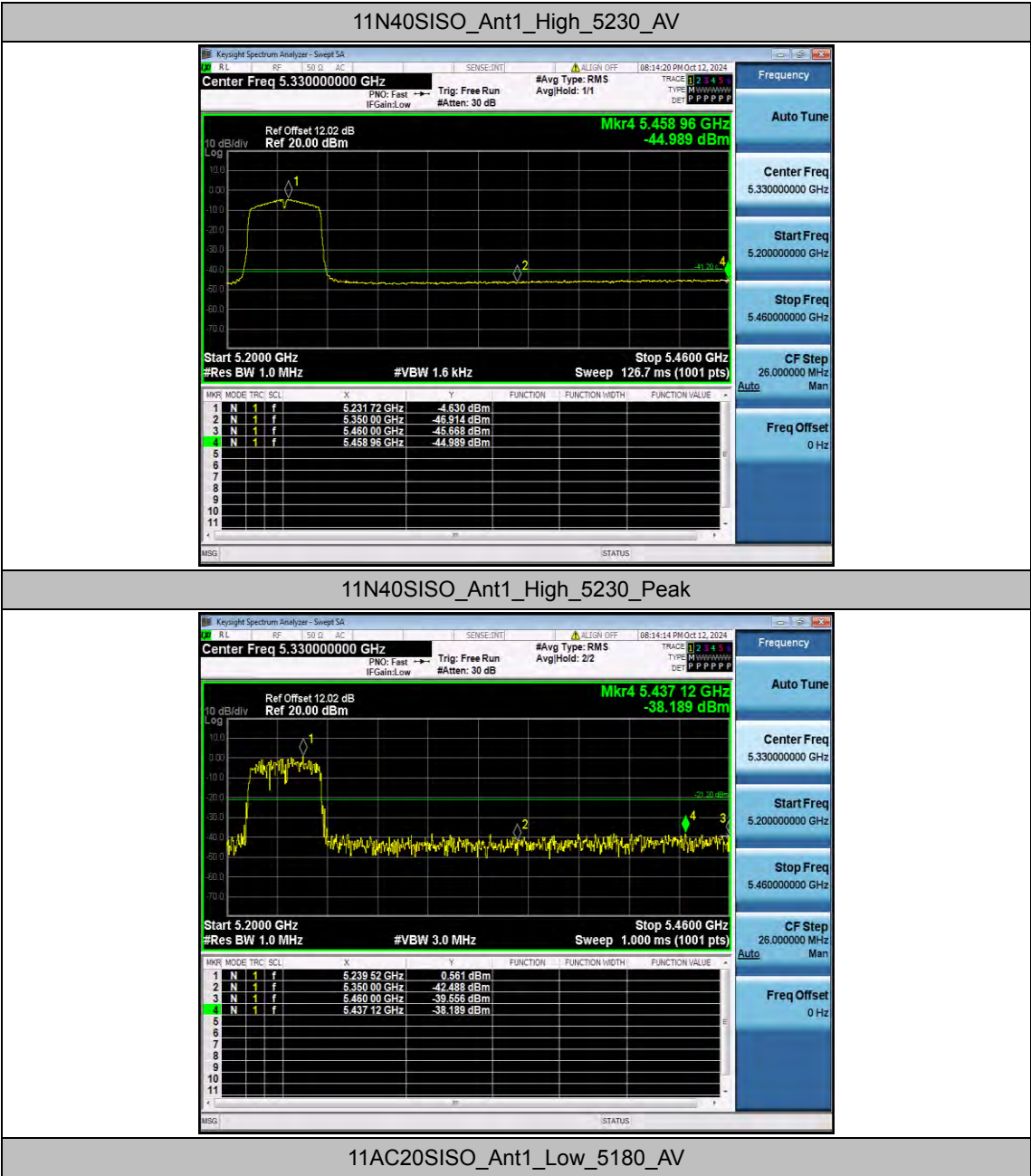


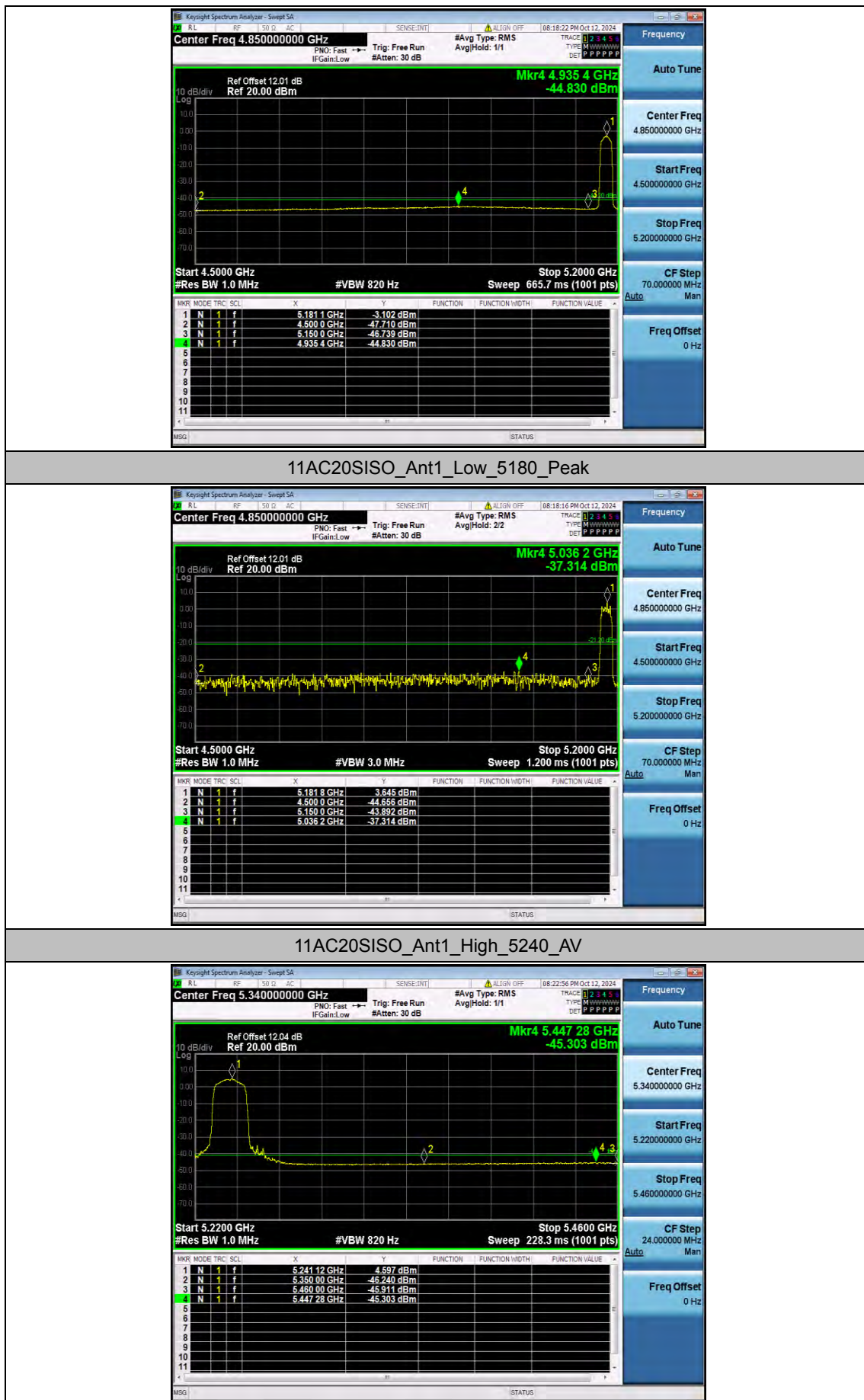
11N40SISO_Ant1_Low_5190_AV



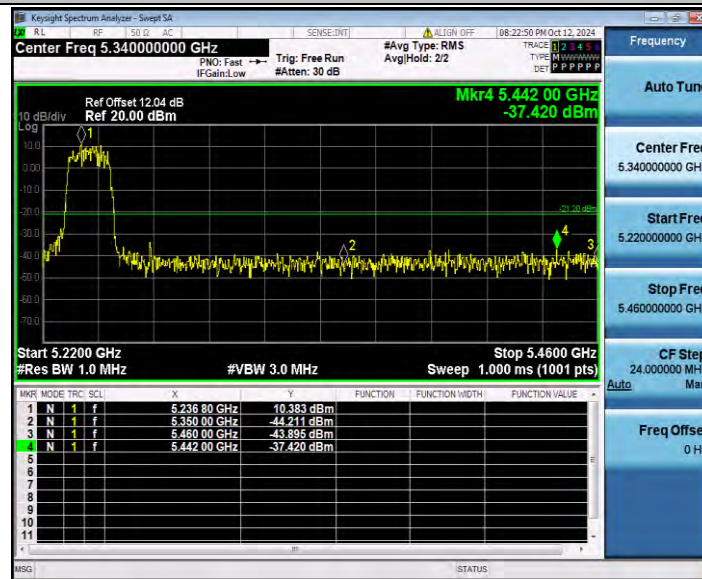
11N40SISO_Ant1_Low_5190_Peak



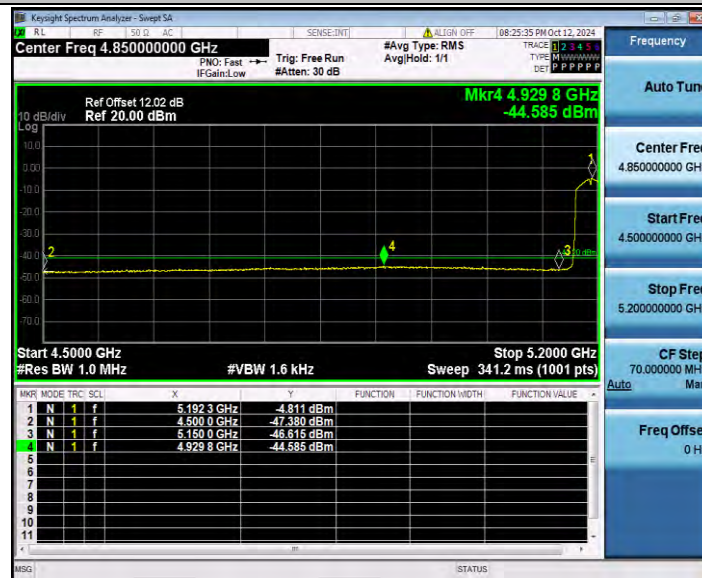




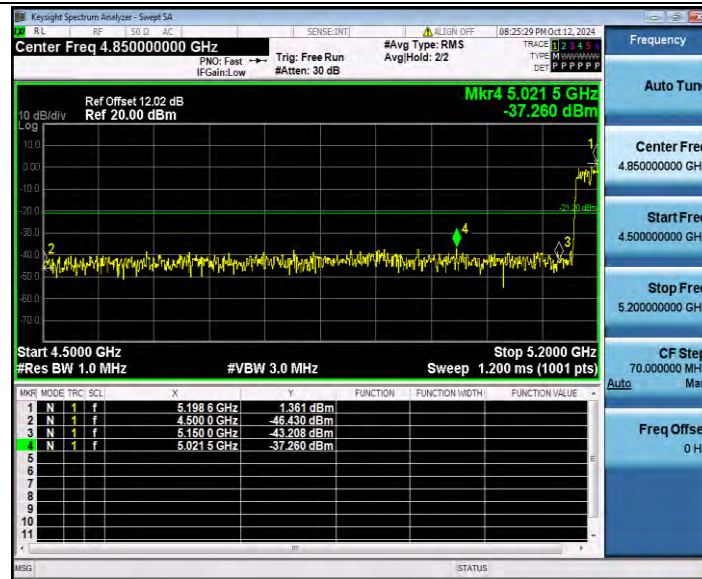
11AC20SISO_Ant1_High_5240_Peak



11AC40SISO_Ant1_Low_5190_AV



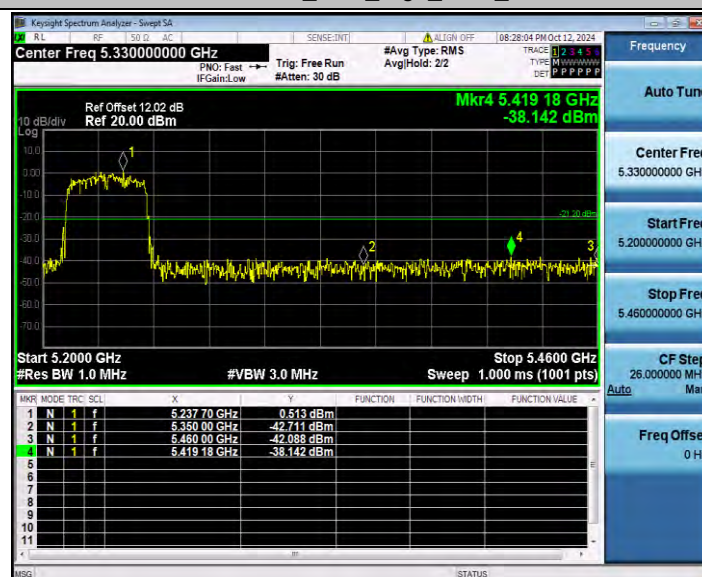
11AC40SISO_Ant1_Low_5190_Peak



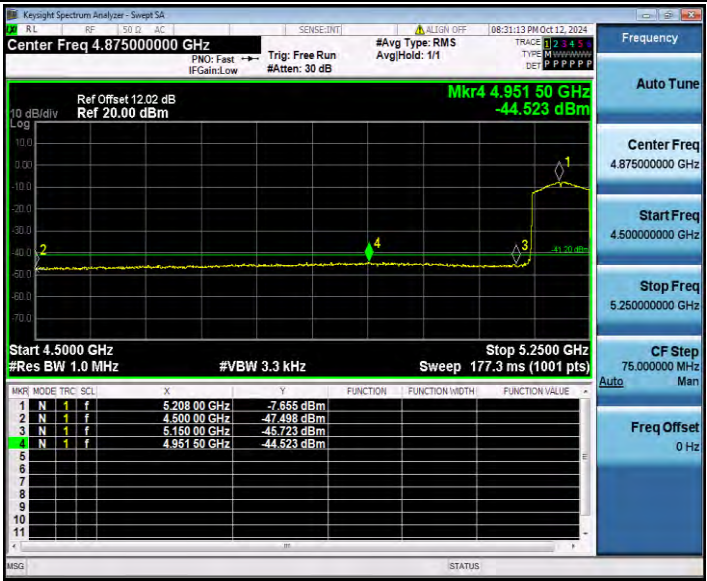
11AC40SISO_Ant1_High_5230_AV



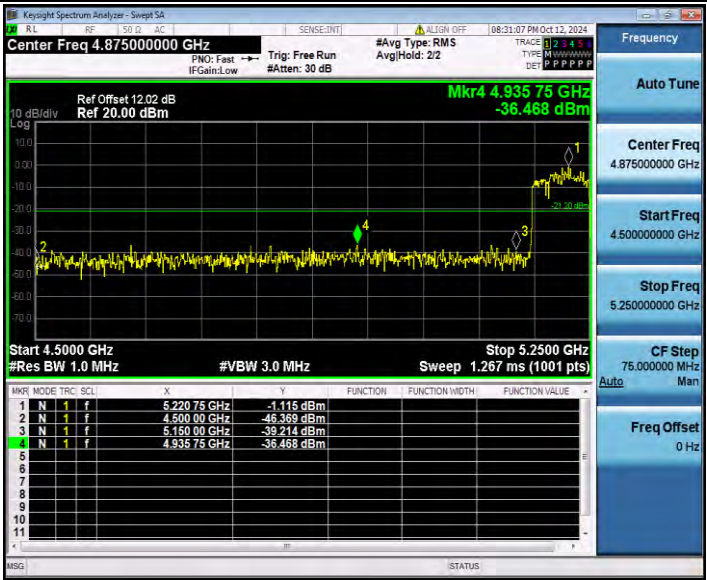
11AC40SISO_Ant1_High_5230_Peak



11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV

