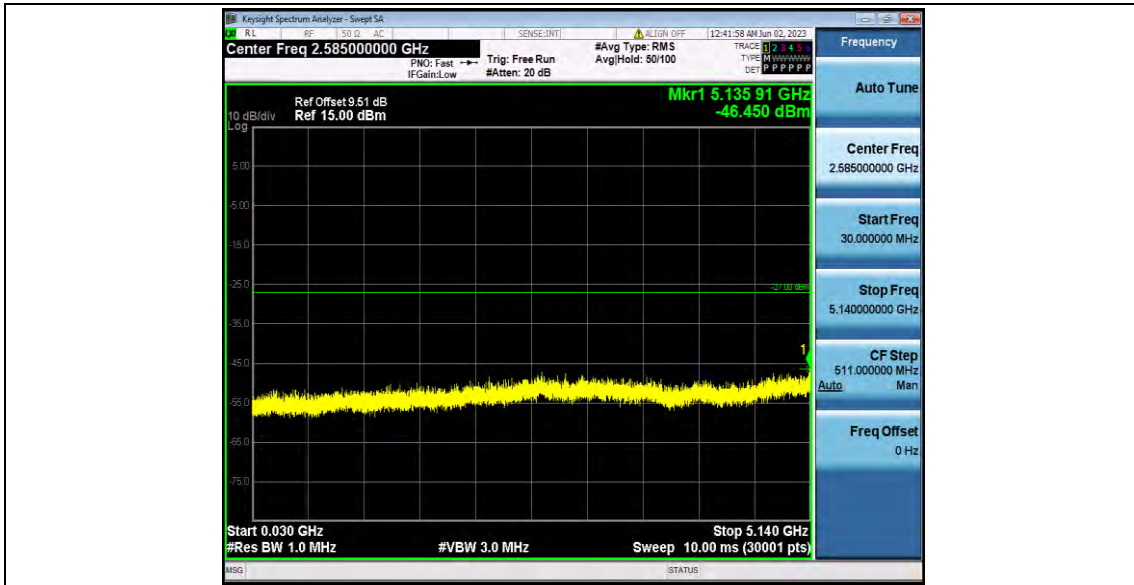


Appendix D.7: Conducted Spurious Emission

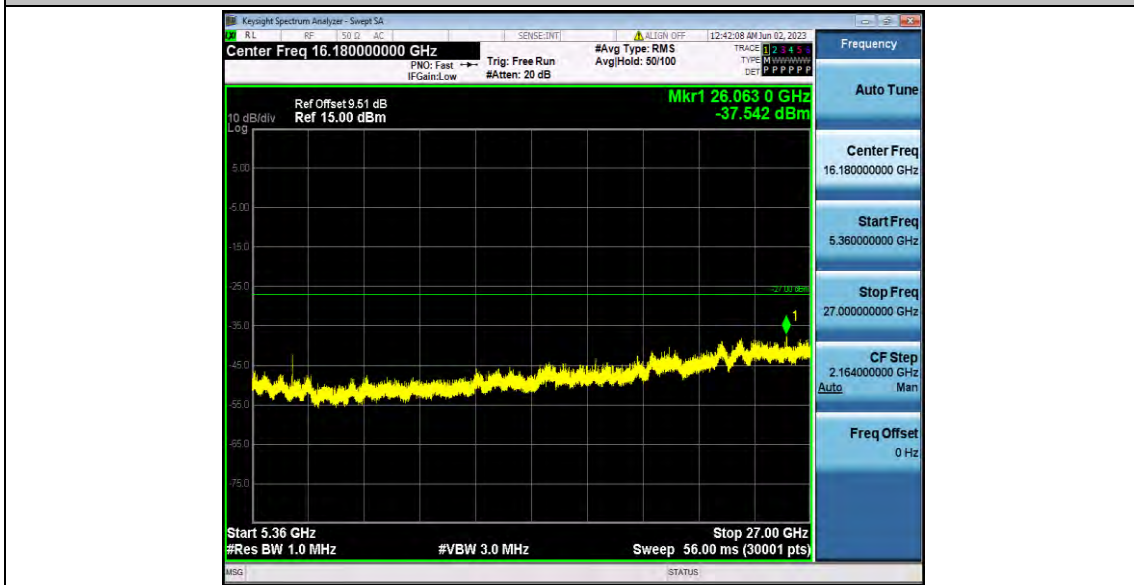
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5135.91	-46.45	≤-27	PASS
			5360~40000	26062.99	-37.54	≤-27	PASS
		5200	30~5140	3294.1	-46.49	≤-27	PASS
			5360~40000	26496.51	-38.05	≤-27	PASS
		5240	30~5140	4988.06	-47.21	≤-27	PASS
			5360~40000	26943.01	-37.65	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5128.59	-46.8	≤-27	PASS
			5360~40000	24954.3	-37.42	≤-27	PASS
		5200	30~5140	2661.14	-46.66	≤-27	PASS
			5360~40000	24272.64	-38.12	≤-27	PASS
		5240	30~5140	3037.75	-47.5	≤-27	PASS
			5360~40000	23523.89	-37.58	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5137.79	-43.43	≤-27	PASS
			5360~40000	24812.2	-37.71	≤-27	PASS
		5230	30~5140	3046.6	-46.77	≤-27	PASS
			5360~40000	25170.7	-38.22	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5134.21	-47.42	≤-27	PASS
			5360~40000	26876.65	-37.9	≤-27	PASS
		5200	30~5140	5118.71	-46.02	≤-27	PASS
			5360~40000	24820.85	-37.58	≤-27	PASS
		5240	30~5140	2640.02	-47.1	≤-27	PASS
			5360~40000	26062.27	-37.87	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5138.13	-45.45	≤-27	PASS
			5360~40000	23492.88	-38.06	≤-27	PASS
		5230	30~5140	5135.74	-46.66	≤-27	PASS
			5360~40000	26041.35	-38.02	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5131.14	-34.72	≤-27	PASS
			5360~40000	23538.32	-37.67	≤-27	PASS

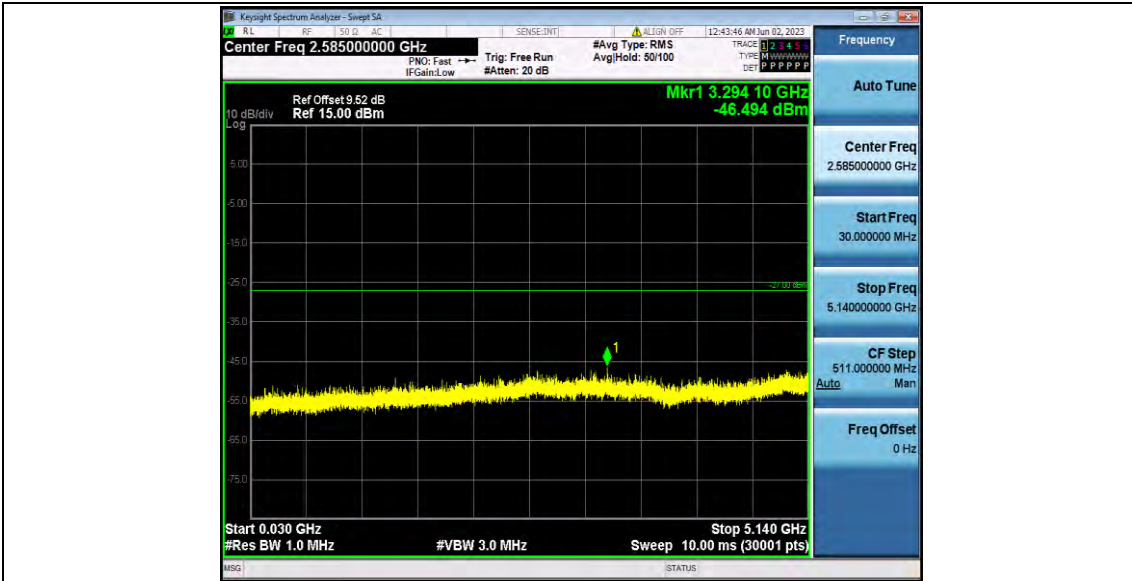
Test Graphs



11A_Ant1_5180_30~5140



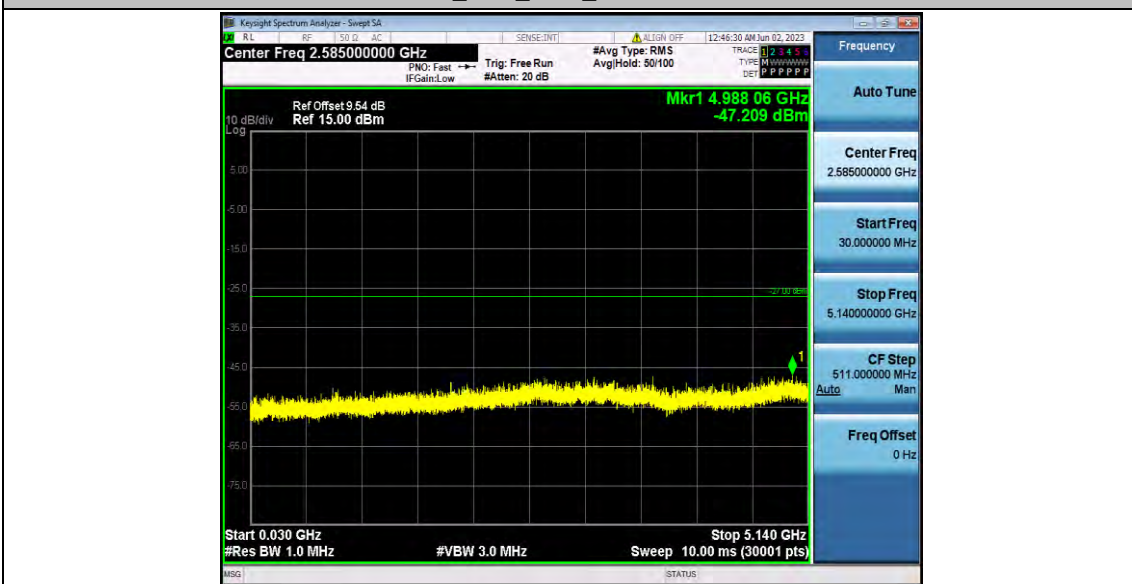
11A_Ant1_5180_5360~40000



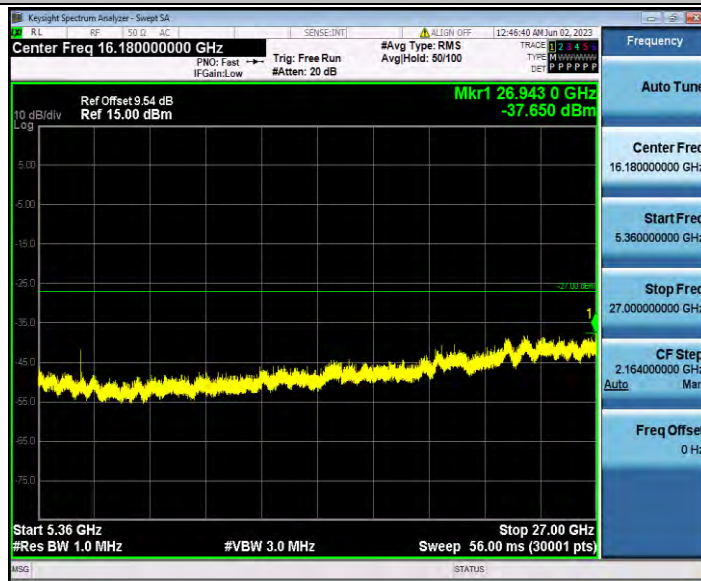
11A_Ant1_5200_30~5140



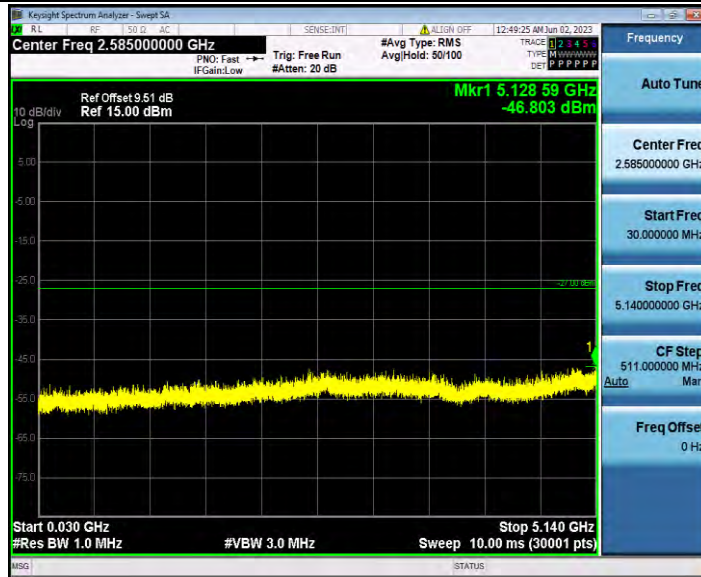
11A_Ant1_5200_5360~40000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~40000



11N20SISO_Ant1_5180_30~5140



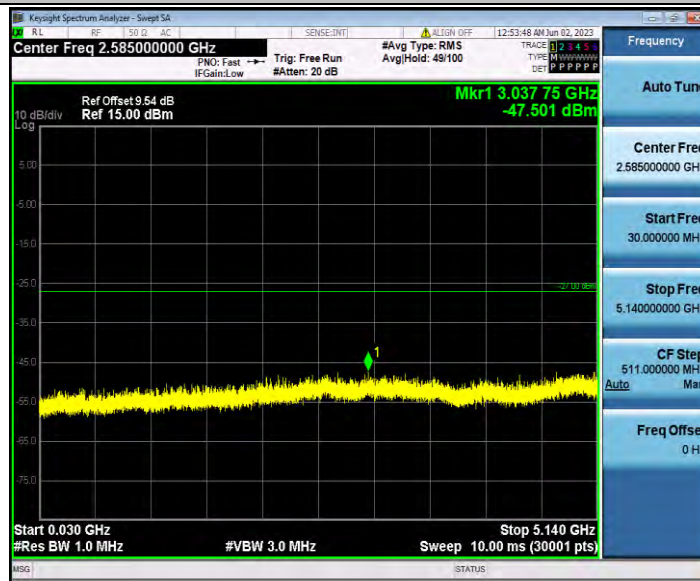
11N20SISO_Ant1_5180_5360~40000



11N20SISO_Ant1_5200_30~5140



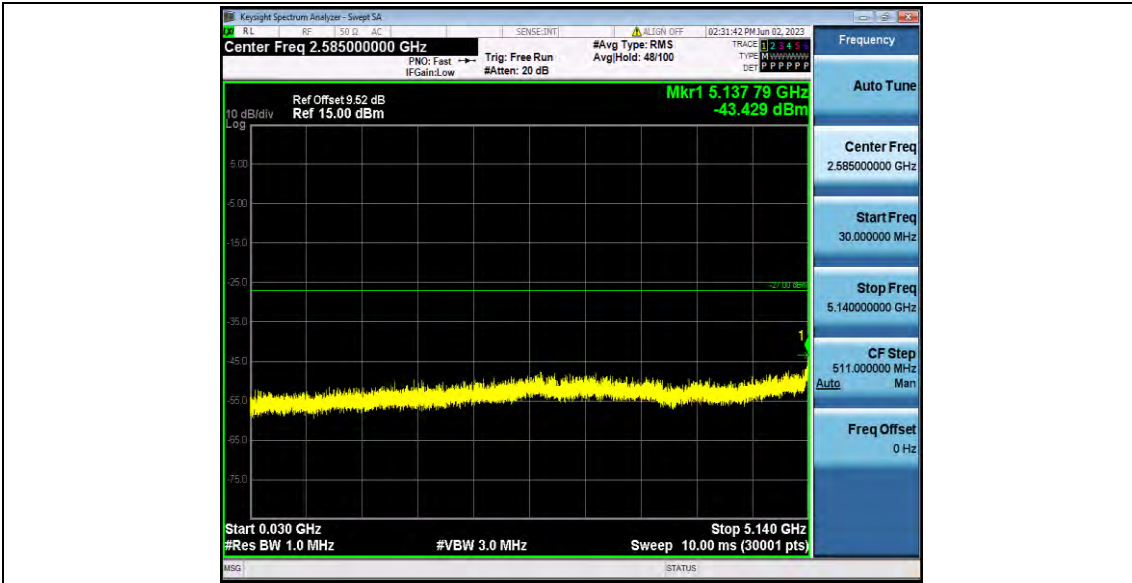
11N20SISO_Ant1_5200_5360~40000



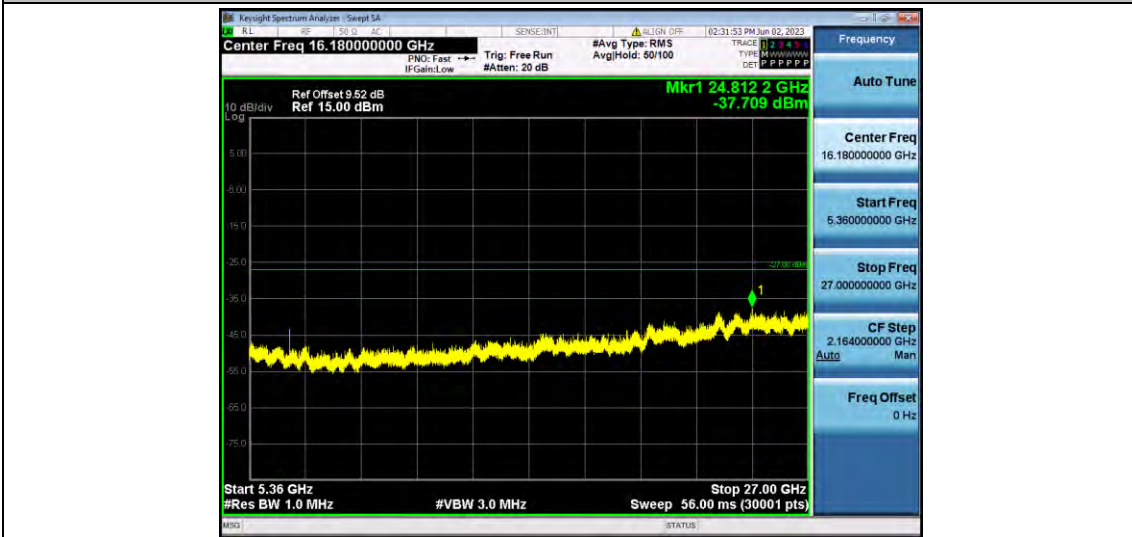
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~40000



11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~40000



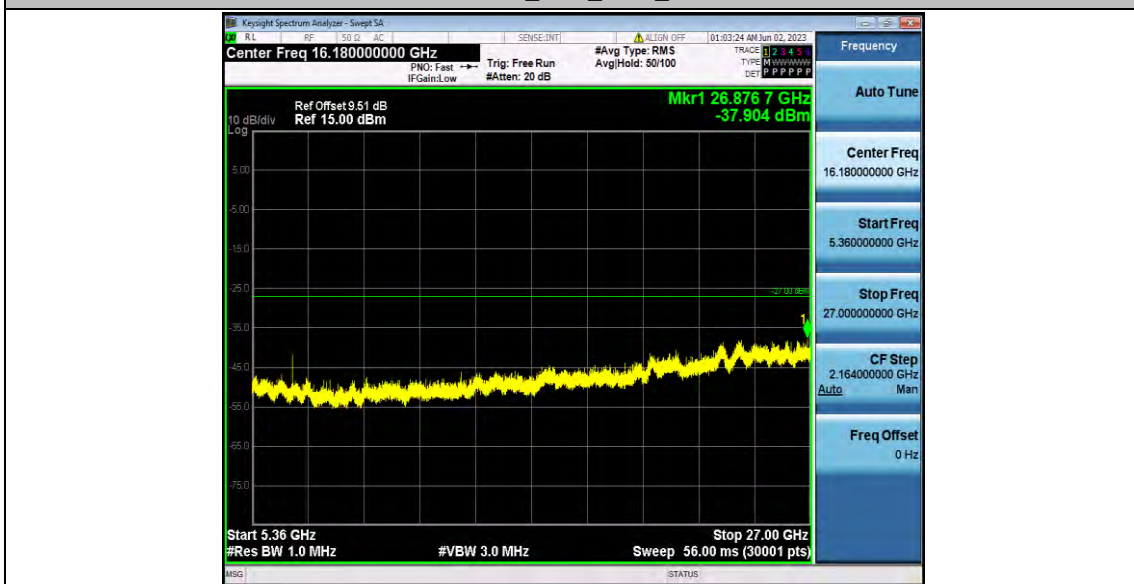
11N40SISO_Ant1_5230_30~5140



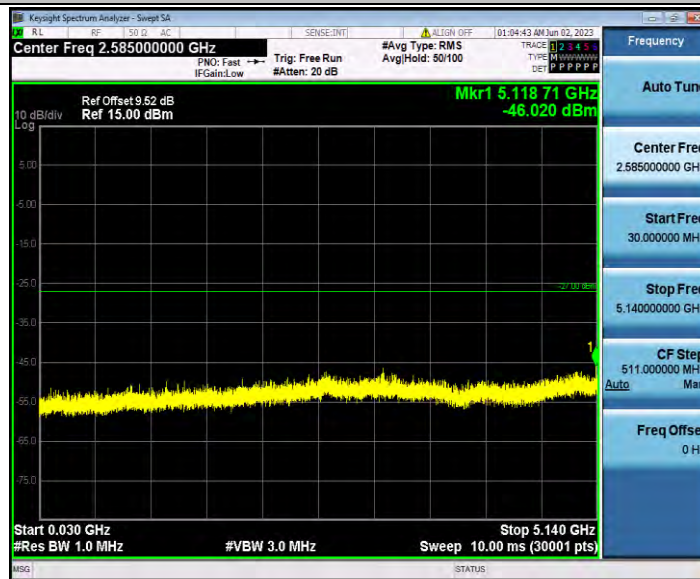
11N40SISO_Ant1_5230_5360~40000



11AC20SISO_Ant1_5180_30~5140



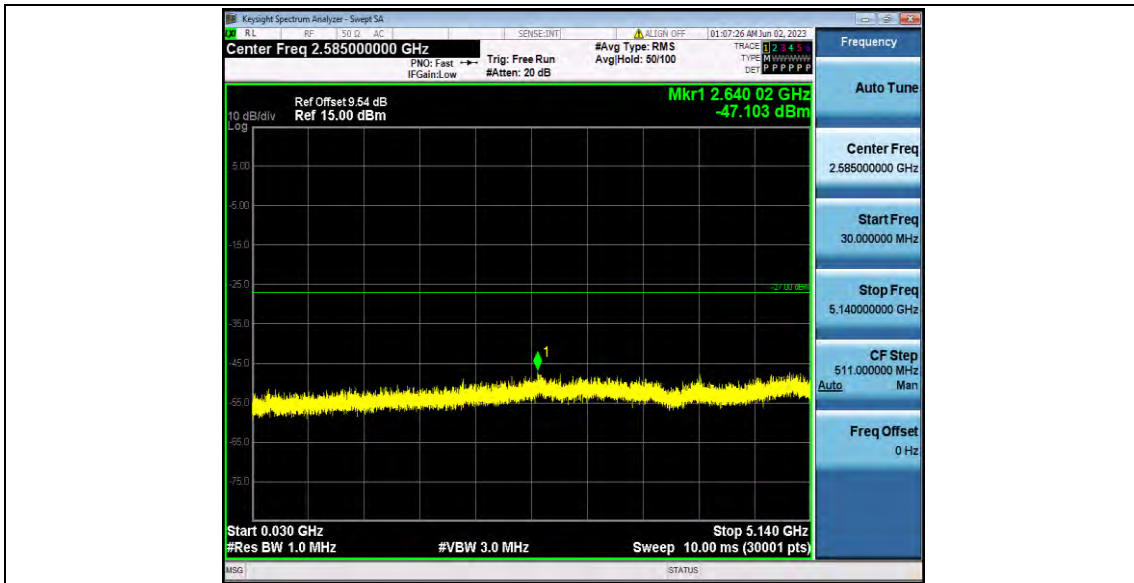
11AC20SISO_Ant1_5180_5360~40000



11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~40000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



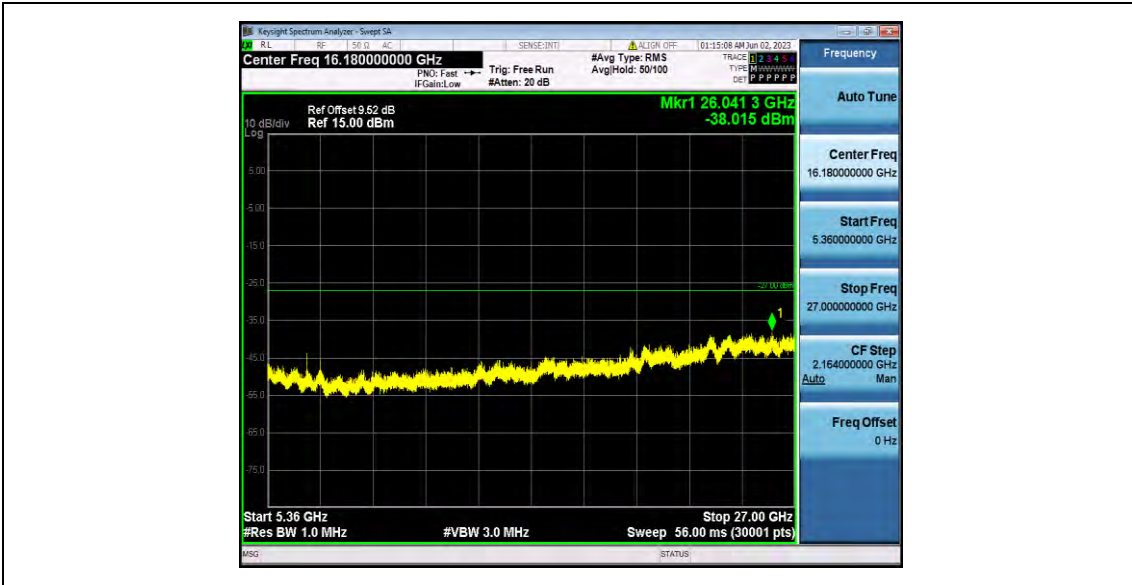
11AC40SISO_Ant1_5190_30~5140



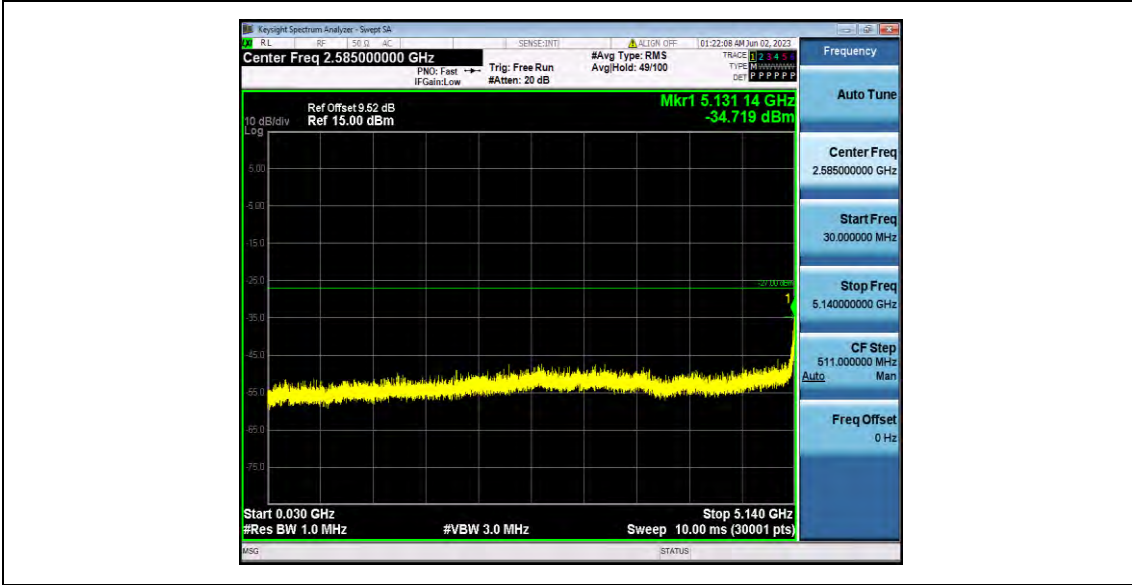
11AC40SISO_Ant1_5190_5360~40000



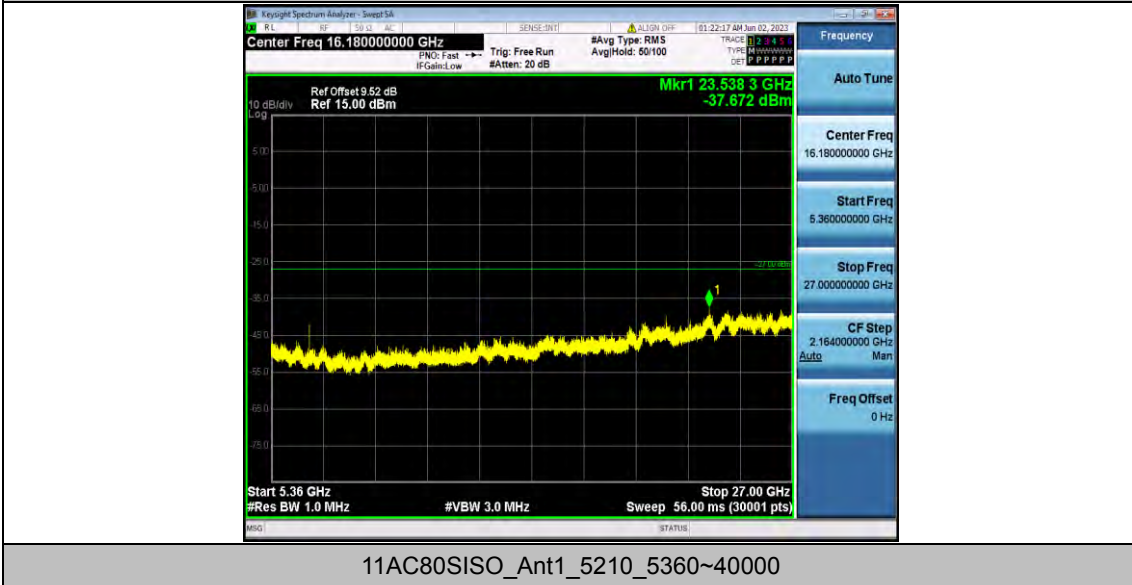
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~4000



11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~4000

Appendix D.8: Emissions in Restricted Bands

Test Result

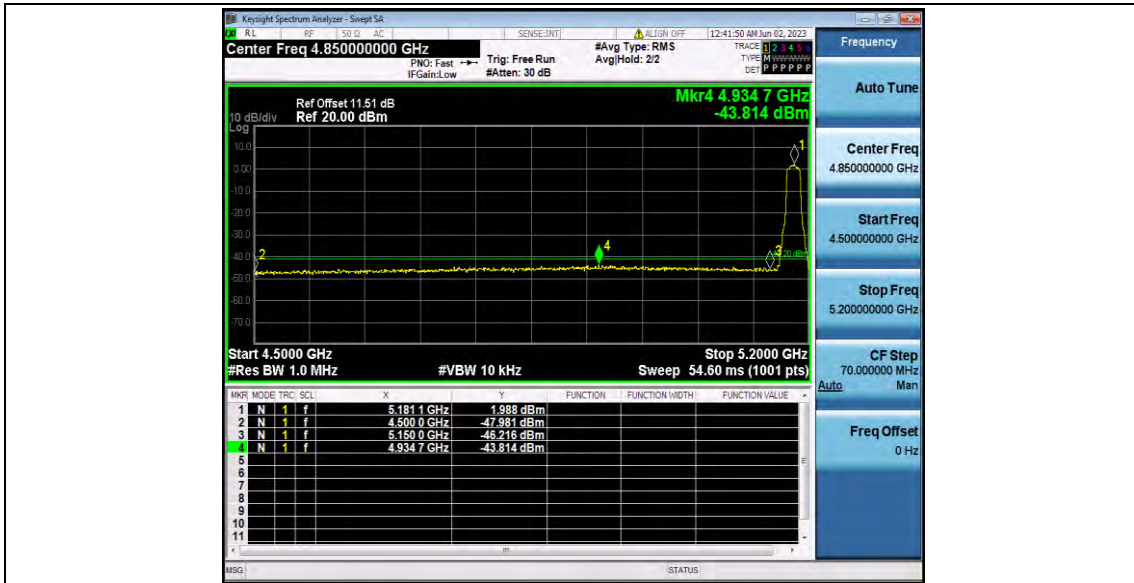
Test Mode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-47.98	≤-41.20	47.22	≤54	PASS
				AV	4934.700	-43.81	≤-41.20	51.39	≤54	PASS
				AV	5150.000	-46.22	≤-41.20	48.98	≤54	PASS
				Peak	4500.000	-44.92	≤-21.20	50.28	≤74	PASS
				Peak	4943.100	-36.77	≤-21.20	58.43	≤74	PASS
				Peak	5150.000	-44.16	≤-21.20	51.04	≤74	PASS
		High	5240	AV	5350.000	-46.16	≤-41.20	49.04	≤54	PASS
				AV	5447.520	-44.04	≤-41.20	51.16	≤54	PASS
				AV	5460.000	-44.85	≤-41.20	50.35	≤54	PASS
				Peak	5350.000	-42.28	≤-21.20	52.92	≤74	PASS
				Peak	5443.200	-37.63	≤-21.20	57.57	≤74	PASS
				Peak	5460.000	-43.02	≤-21.20	52.18	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-48.17	≤-41.20	47.03	≤54	PASS
				AV	4945.200	-45.66	≤-41.20	49.54	≤54	PASS
				AV	5150.000	-46.98	≤-41.20	48.22	≤54	PASS
				Peak	4500.000	-45.4	≤-21.20	49.80	≤74	PASS
				Peak	4728.900	-37.31	≤-21.20	57.89	≤74	PASS
				Peak	5150.000	-43.3	≤-21.20	51.90	≤74	PASS
		High	5240	AV	5350.000	-47.1	≤-41.20	48.10	≤54	PASS
				AV	5445.120	-45.97	≤-41.20	49.23	≤54	PASS
				AV	5460.000	-46.23	≤-41.20	48.97	≤54	PASS
				Peak	5350.000	-45.58	≤-21.20	49.62	≤74	PASS
				Peak	5398.560	-38.59	≤-21.20	56.61	≤74	PASS
				Peak	5460.000	-45.82	≤-21.20	49.38	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-48.3	≤-41.20	46.90	≤54	PASS
				AV	5149.600	-42.78	≤-41.20	52.42	≤54	PASS
				AV	5150.000	-42.27	≤-41.20	52.93	≤54	PASS
				Peak	4500.000	-49.12	≤-21.20	46.08	≤74	PASS
				Peak	5148.200	-35.25	≤-21.20	59.95	≤74	PASS
				Peak	5150.000	-41.15	≤-21.20	54.05	≤74	PASS
		High	5230	AV	5350.000	-46.79	≤-41.20	48.41	≤54	PASS
				AV	5457.140	-45.71	≤-41.20	49.49	≤54	PASS
				AV	5460.000	-45.93	≤-41.20	49.27	≤54	PASS
				Peak	5350.000	-45.12	≤-21.20	50.08	≤74	PASS
				Peak	5426.460	-38.42	≤-21.20	56.78	≤74	PASS
				Peak	5460.000	-46.25	≤-21.20	48.95	≤74	PASS

11AC20SI SO	Ant1	Low	5180	AV	4500.000	-48.32	≤ -41.20	46.88	≤ 54	PASS
				AV	4929.800	-45.72	≤ -41.20	49.48	≤ 54	PASS
				AV	5150.000	-47.01	≤ -41.20	48.19	≤ 54	PASS
				Peak	4500.000	-42.5	≤ -21.20	52.70	≤ 74	PASS
				Peak	4822.700	-37.96	≤ -21.20	57.24	≤ 74	PASS
				Peak	5150.000	-44.19	≤ -21.20	51.01	≤ 74	PASS
		High	5240	AV	5350.000	-46.82	≤ -41.20	48.38	≤ 54	PASS
				AV	5448.480	-45.93	≤ -41.20	49.27	≤ 54	PASS
				AV	5460.000	-46.19	≤ -41.20	49.01	≤ 54	PASS
				Peak	5350.000	-41.6	≤ -21.20	53.60	≤ 74	PASS
				Peak	5421.120	-37.02	≤ -21.20	58.18	≤ 74	PASS
				Peak	5460.000	-45.91	≤ -21.20	49.29	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-47.87	≤ -41.20	47.33	≤ 54	PASS
				AV	4926.300	-45.43	≤ -41.20	49.77	≤ 54	PASS
				AV	5150.000	-47.04	≤ -41.20	48.16	≤ 54	PASS
				Peak	4500.000	-42.91	≤ -21.20	52.29	≤ 74	PASS
				Peak	5037.600	-38.79	≤ -21.20	56.41	≤ 74	PASS
				Peak	5150.000	-43.45	≤ -21.20	51.75	≤ 74	PASS
		High	5230	AV	5350.000	-46.38	≤ -41.20	48.82	≤ 54	PASS
				AV	5459.740	-45.71	≤ -41.20	49.49	≤ 54	PASS
				AV	5460.000	-45.72	≤ -41.20	49.48	≤ 54	PASS
				Peak	5350.000	-42.27	≤ -21.20	52.93	≤ 74	PASS
				Peak	5448.820	-38.18	≤ -21.20	57.02	≤ 74	PASS
				Peak	5460.000	-45.81	≤ -21.20	49.39	≤ 74	PASS
11AC80SI SO	Ant1	Low	5210	AV	4500.000	-47.84	≤ -41.20	47.36	≤ 54	PASS
				AV	5148.000	-44.83	≤ -41.20	50.37	≤ 54	PASS
				AV	5150.000	-46.18	≤ -41.20	49.02	≤ 54	PASS
				Peak	4500.000	-47.91	≤ -21.20	47.29	≤ 74	PASS
				Peak	4967.250	-37.43	≤ -21.20	57.77	≤ 74	PASS
				Peak	5150.000	-44.84	≤ -21.20	50.36	≤ 74	PASS
		High	5210	AV	5350.000	-46.75	≤ -41.20	48.45	≤ 54	PASS
				AV	5447.680	-45.42	≤ -41.20	49.78	≤ 54	PASS
				AV	5460.000	-45.8	≤ -41.20	49.40	≤ 54	PASS
				Peak	5350.000	-38.86	≤ -21.20	56.34	≤ 74	PASS
				Peak	5451.600	-38.06	≤ -21.20	57.14	≤ 74	PASS
				Peak	5460.000	-44.32	≤ -21.20	50.88	≤ 74	PASS

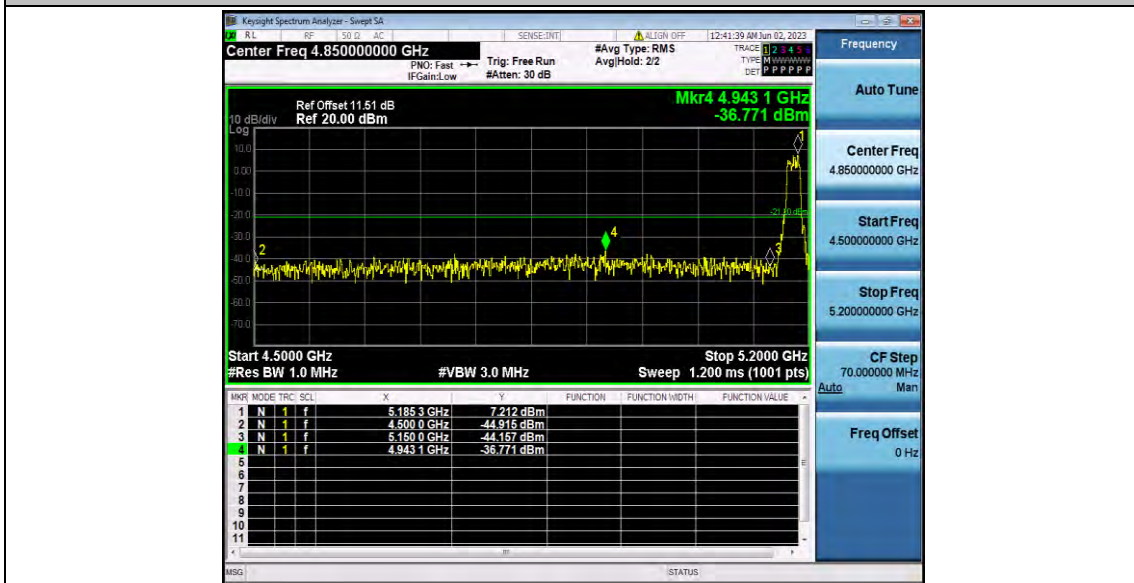
Note:

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



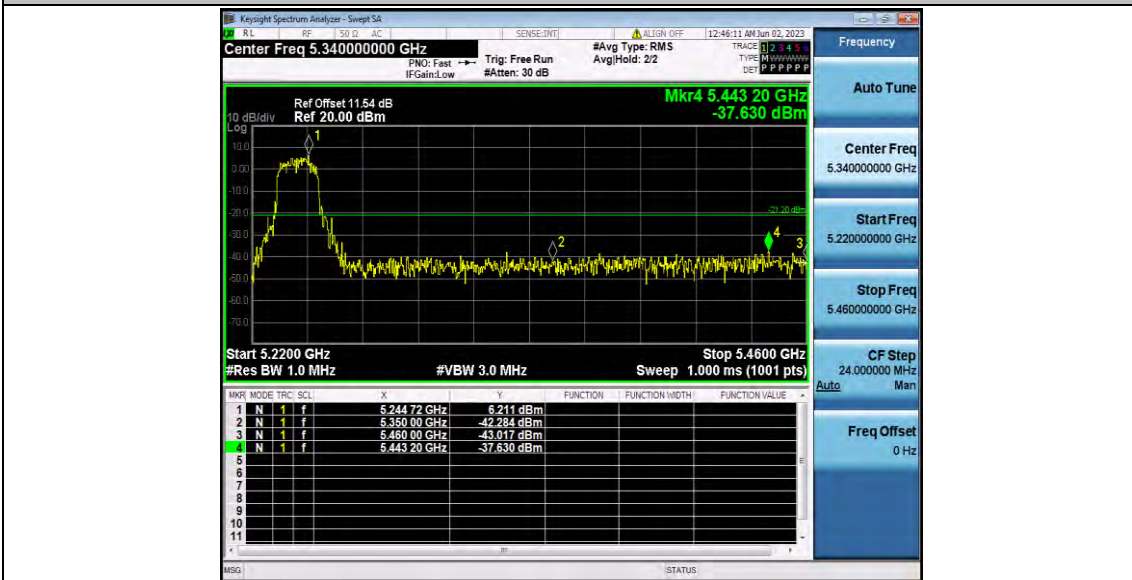
11A_Ant1_Low_5180_AV



11A_Ant1_Low_5180_Peak



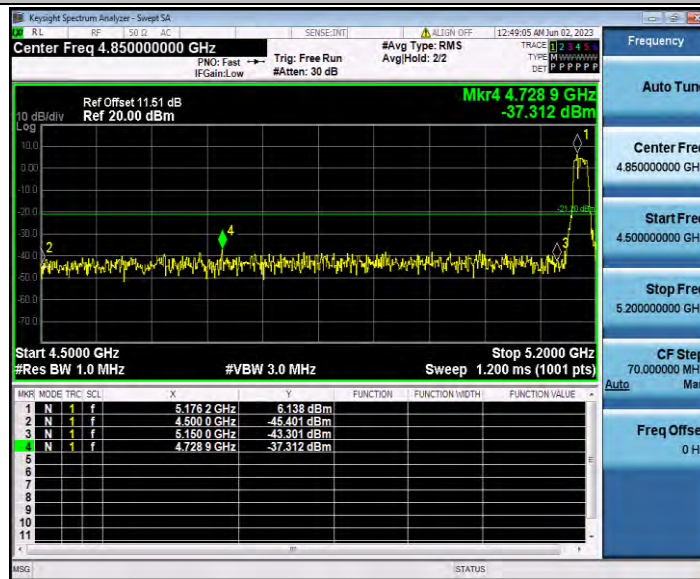
11A_Ant1_High_5240_AV



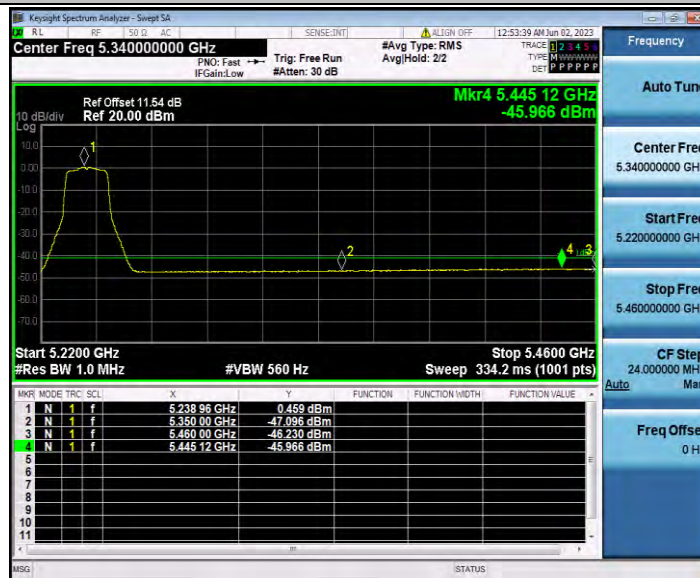
11A_Ant1_High_5240_Peak



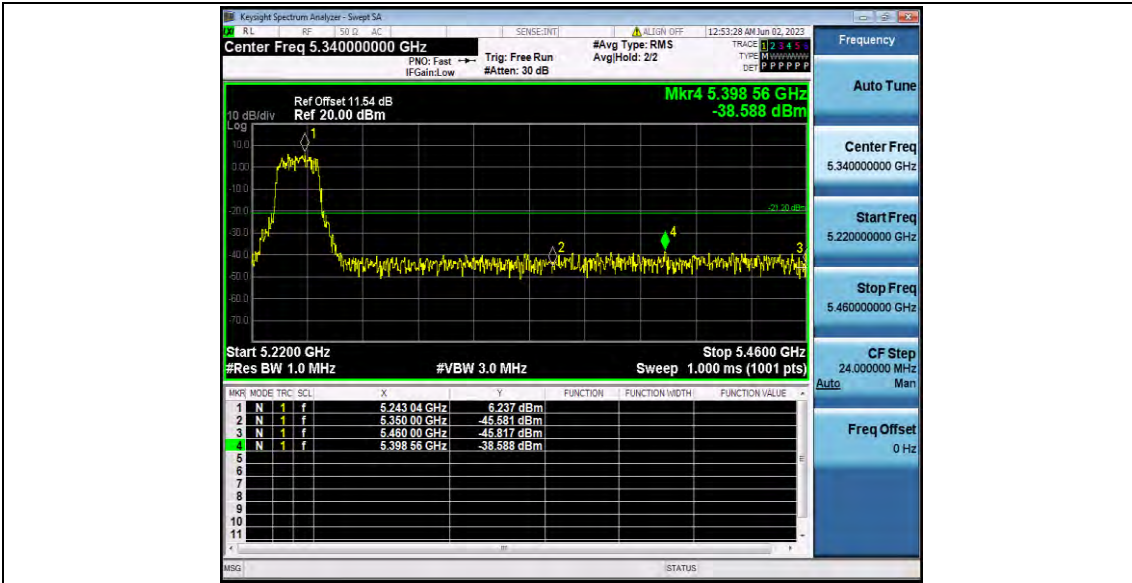
11N20SISO_Ant1_Low_5180_AV



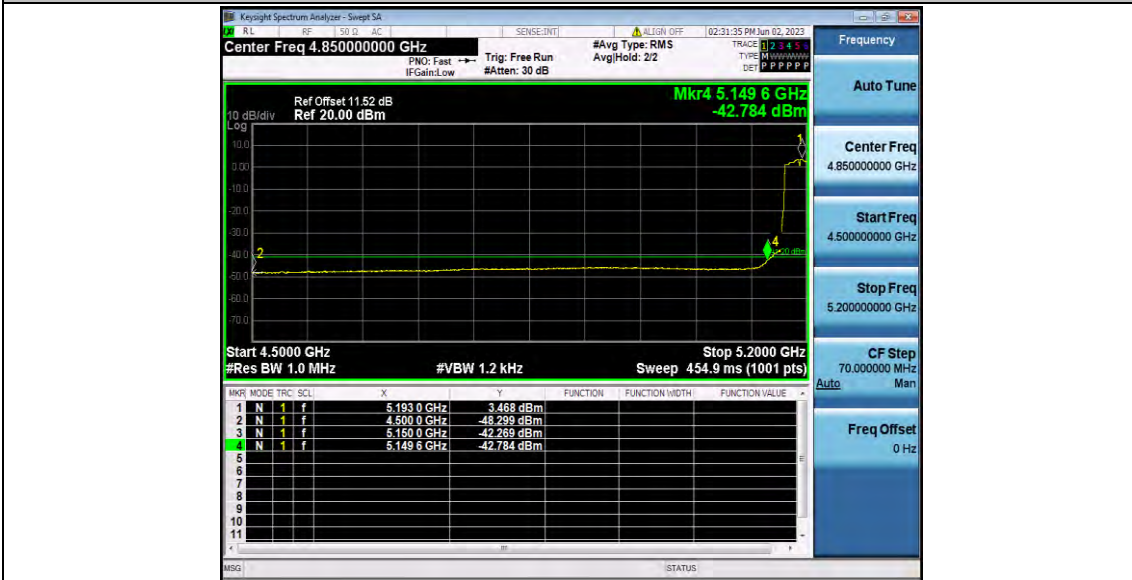
11N20SISO_Ant1_Low_5180_Peak



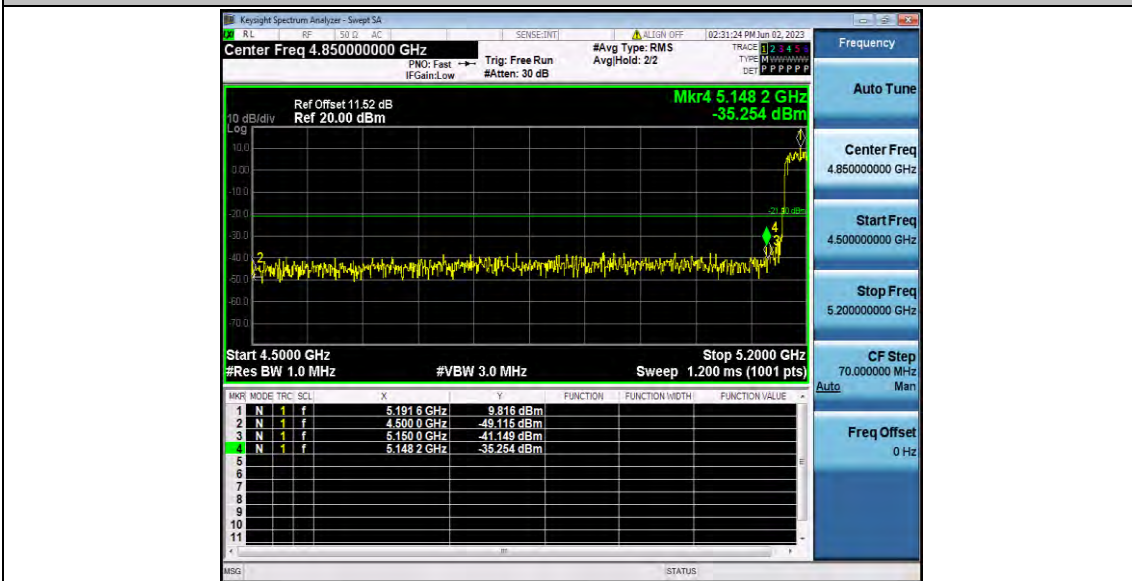
11N20SISO_Ant1_High_5240_AV



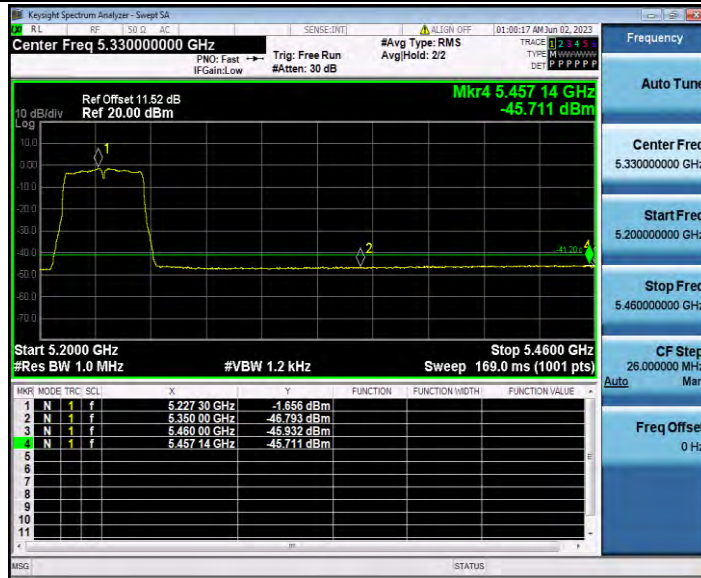
11N20SISO_Ant1_High_5240_Peak



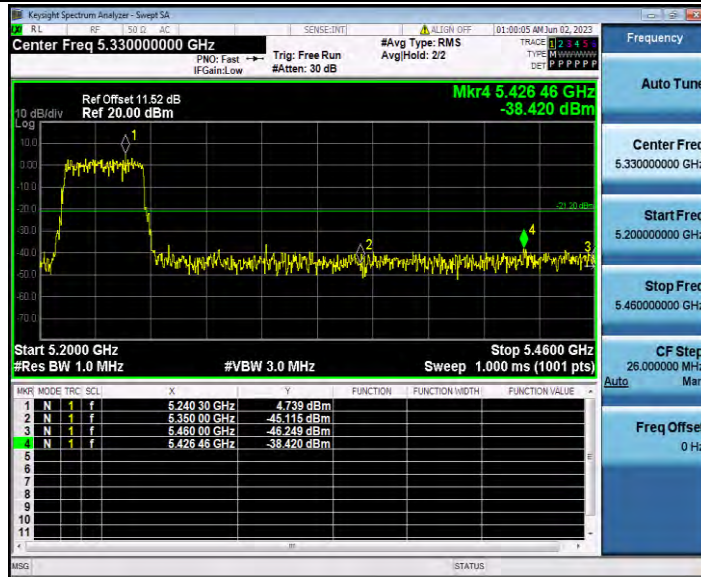
11N40SISO_Ant1_Low_5190_AV



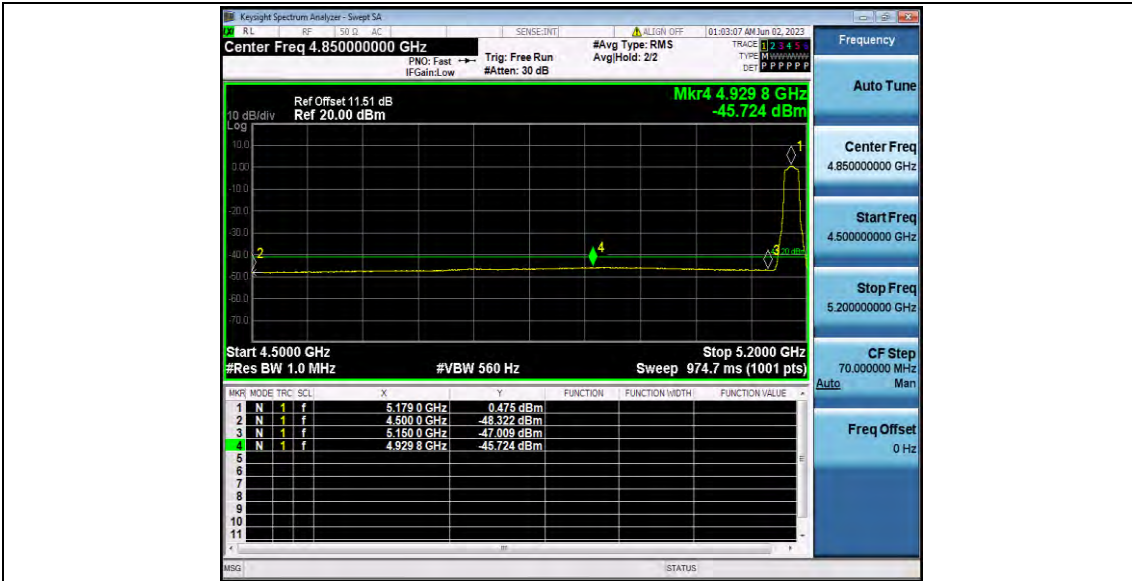
11N40SISO_Ant1_Low_5190_Peak



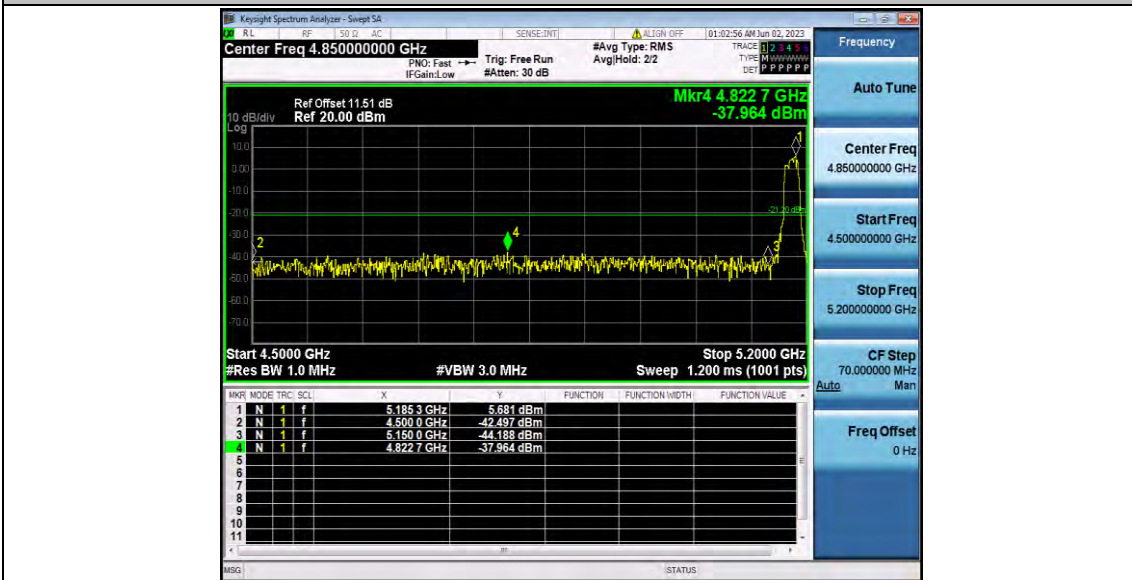
11N40SISO_Ant1_High_5230_AV



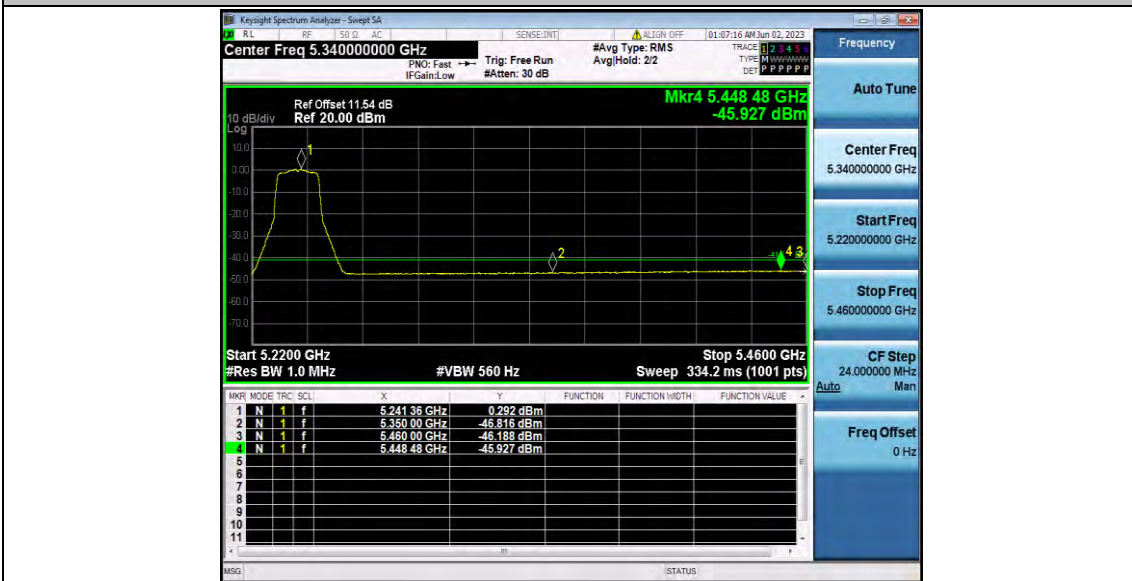
11N40SISO_Ant1_High_5230_Peak



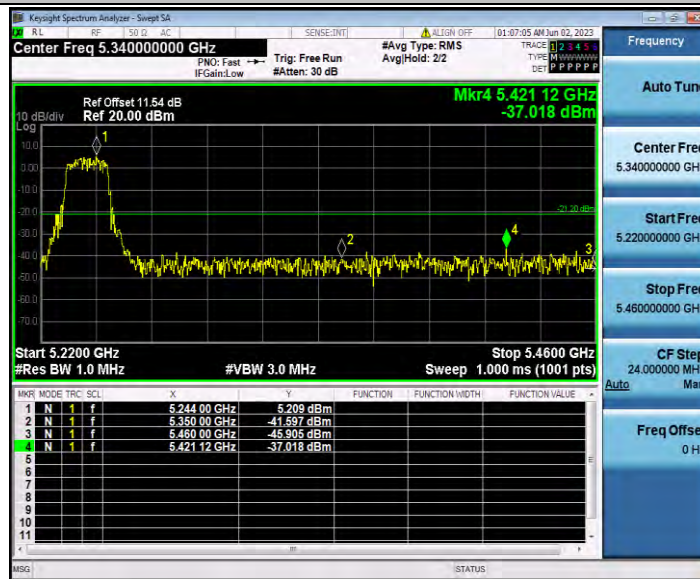
11AC20SISO_Ant1_Low_5180_AV



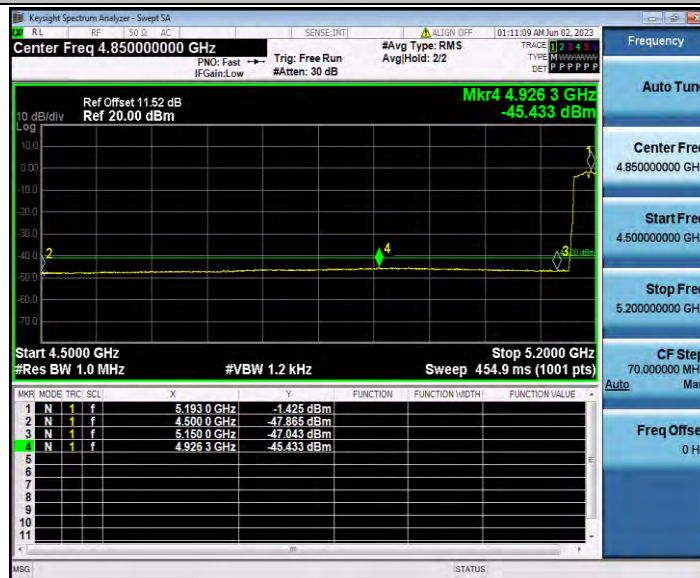
11AC20SISO_Ant1_Low_5180_Peak



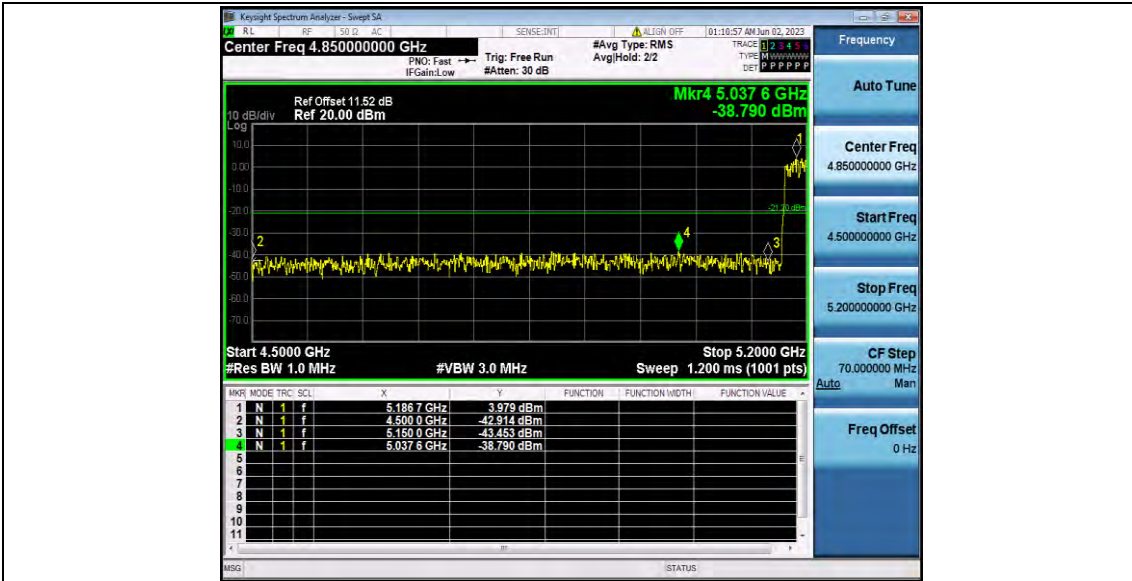
11AC20SISO_Ant1_High_5240_AV



11AC20SISO_Ant1_High_5240_Peak



11AC40SISO_Ant1_Low_5190_AV



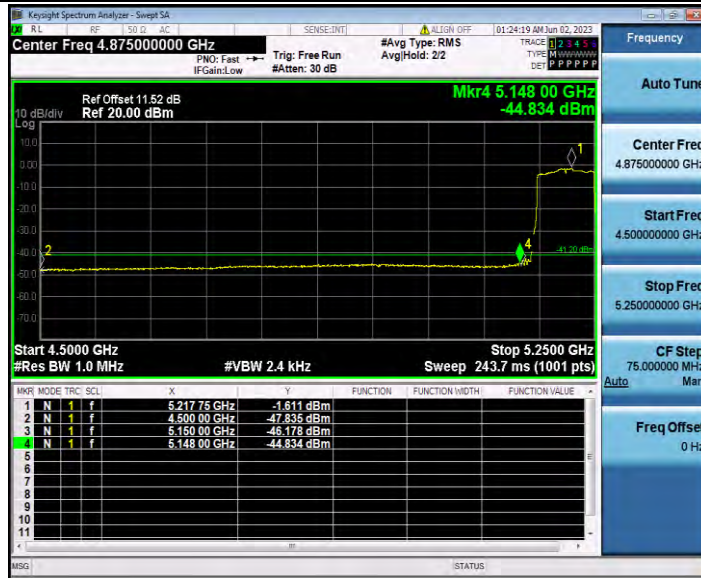
11AC40SISO_Ant1_Low_5190_Peak



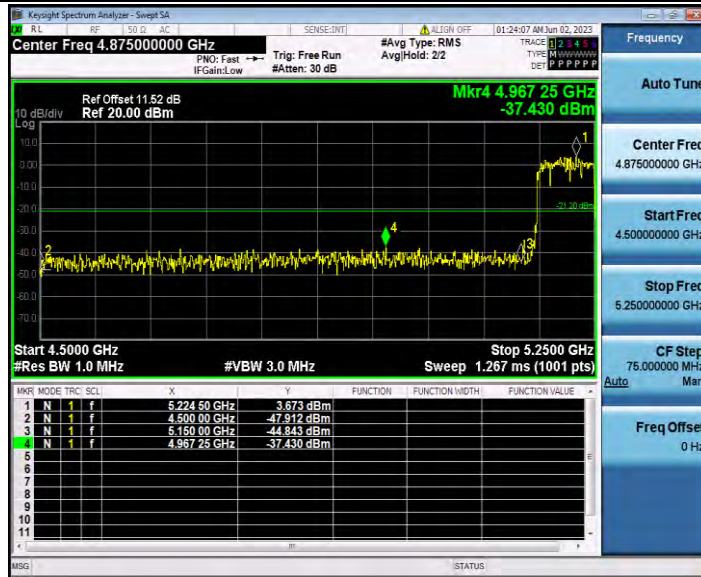
11AC40SISO_Ant1_High_5230_AV



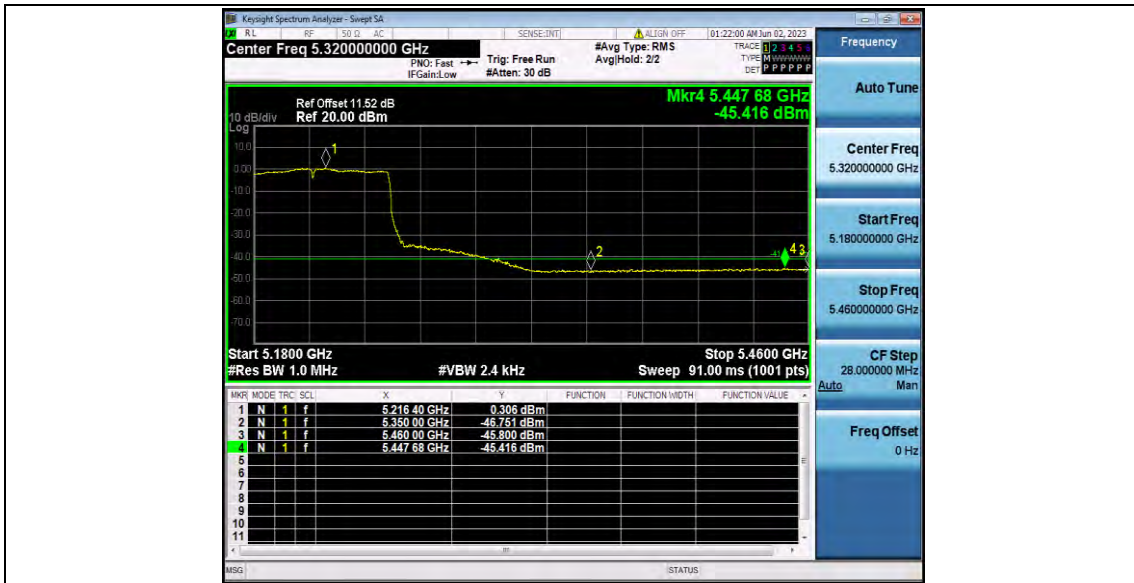
11AC40SISO_Ant1_High_5230_Peak



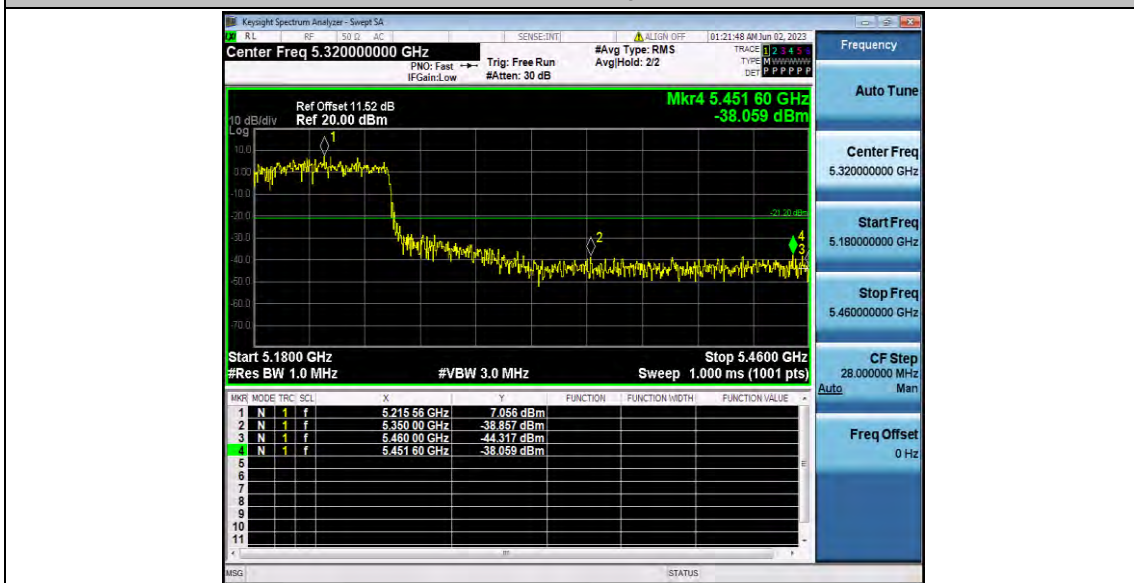
11AC80SISO_Ant1_Low_5210_AV



11AC80SISO_Ant1_Low_5210_Peak



11AC80SISO_Ant1_High_5210_AV



11AC80SISO_Ant1_High_5210_Peak