

## Appendix D.4: Maximum conducted output power

### Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	7.71	40.70	3.90	11.61	≤23.98	PASS
		5200	10.49	71.54	1.45	11.94	≤23.98	PASS
		5240	11.71	52.94	2.76	14.47	≤23.98	PASS
11N20SISO	Ant0	5180	14.16	94.59	0.24	14.40	≤23.98	PASS
		5200	14.71	94.59	0.24	14.95	≤23.98	PASS
		5240	15.71	95.95	0.18	15.89	≤23.98	PASS
11N40SISO	Ant0	5190	8.74	66.06	1.80	10.54	≤23.98	PASS
		5230	10.21	67.39	1.71	11.92	≤23.98	PASS
11AC20SISO	Ant0	5180	10.91	80.00	0.97	11.88	≤23.98	PASS
		5200	11.20	80.95	0.92	12.12	≤23.98	PASS
		5240	11.79	80.95	0.92	12.71	≤23.98	PASS
11AC40SISO	Ant0	5190	8.71	69.38	1.59	10.30	≤23.98	PASS
		5230	10.17	69.38	1.59	11.76	≤23.98	PASS
11AC80SISO	Ant0	5210	7.06	48.29	3.16	10.22	≤23.98	PASS
11AX20SISO	Ant0	5180	11.03	78.95	1.03	12.06	≤23.98	PASS
		5200	11.27	84.21	0.75	12.02	≤23.98	PASS
		5240	12.22	80.00	0.97	13.19	≤23.98	PASS
11AX40SISO	Ant0	5190	8.38	56.69	2.46	10.84	≤23.98	PASS
		5230	9.58	56.89	2.45	12.03	≤23.98	PASS
11AX80SISO	Ant0	5210	7.44	50.37	2.98	10.42	≤23.98	PASS

Note: The Duty Cycle Factor is compensated in the graph.

## Appendix D.5: Maximum power spectral density

### Test Result

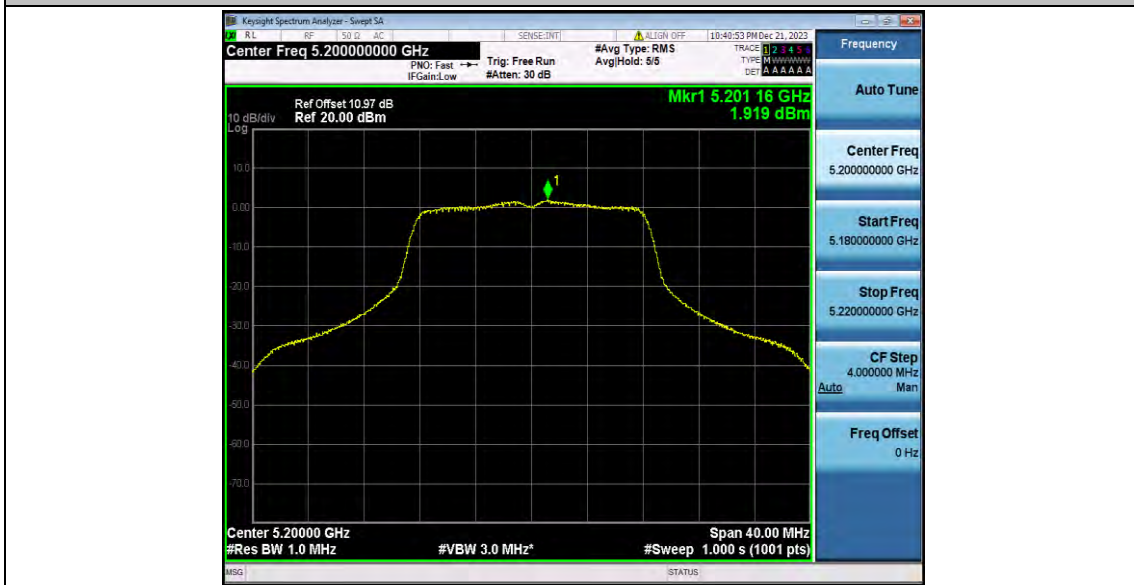
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5180	1.63	≤11.00	PASS
		5200	1.92	≤11.00	PASS
		5240	4.05	≤11.00	PASS
11N20SISO	Ant0	5180	3.41	≤11.00	PASS
		5200	3.99	≤11.00	PASS
		5240	5.14	≤11.00	PASS
11N40SISO	Ant0	5190	-2.17	≤11.00	PASS
		5230	-0.77	≤11.00	PASS
11AC20SISO	Ant0	5180	0.84	≤11.00	PASS
		5200	1.12	≤11.00	PASS
		5240	1.92	≤11.00	PASS
11AC40SISO	Ant0	5190	-2.35	≤11.00	PASS
		5230	-0.9	≤11.00	PASS
11AC80SISO	Ant0	5210	-5.26	≤11.00	PASS
11AX20SISO	Ant0	5180	0.64	≤11.00	PASS
		5200	0.63	≤11.00	PASS
		5240	2.08	≤11.00	PASS
11AX40SISO	Ant0	5190	-3.62	≤11.00	PASS
		5230	-2.24	≤11.00	PASS
11AX80SISO	Ant0	5210	-6.59	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs



11A\_Ant0\_5180



11A\_Ant0\_5200



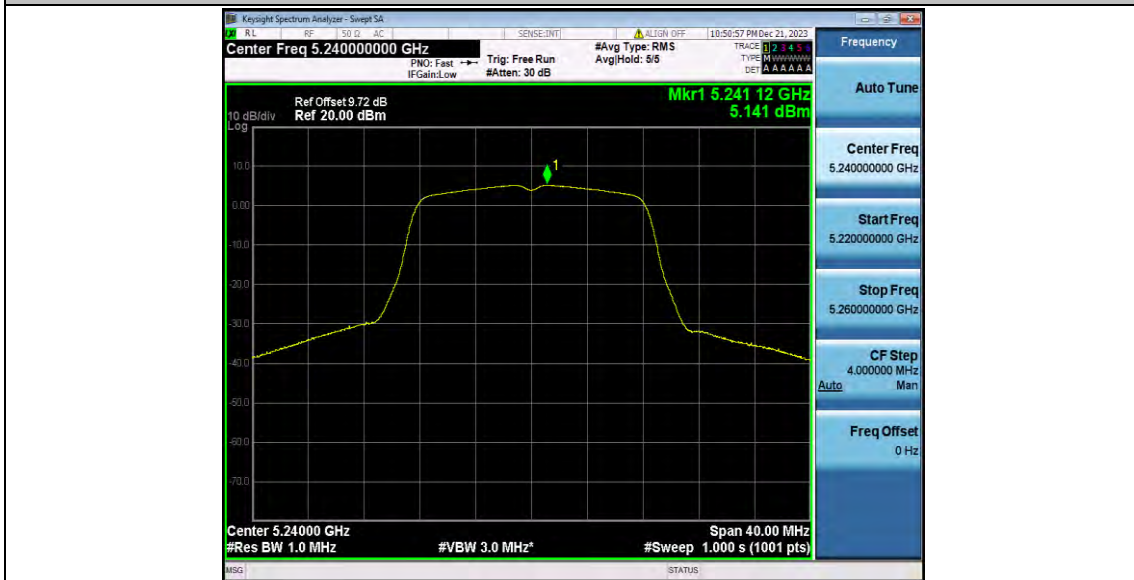
11A\_Ant0\_5240



11N20SISO\_Ant0\_5180



11N20SISO\_Ant0\_5200



11N20SISO\_Ant0\_5240



11N40SISO\_Ant0\_5190



11N40SISO\_Ant0\_5230



11AC20SISO\_Ant0\_5180



11AC20SISO\_Ant0\_5200





11AC20SISO\_Ant0\_5240



11AC40SISO\_Ant0\_5190

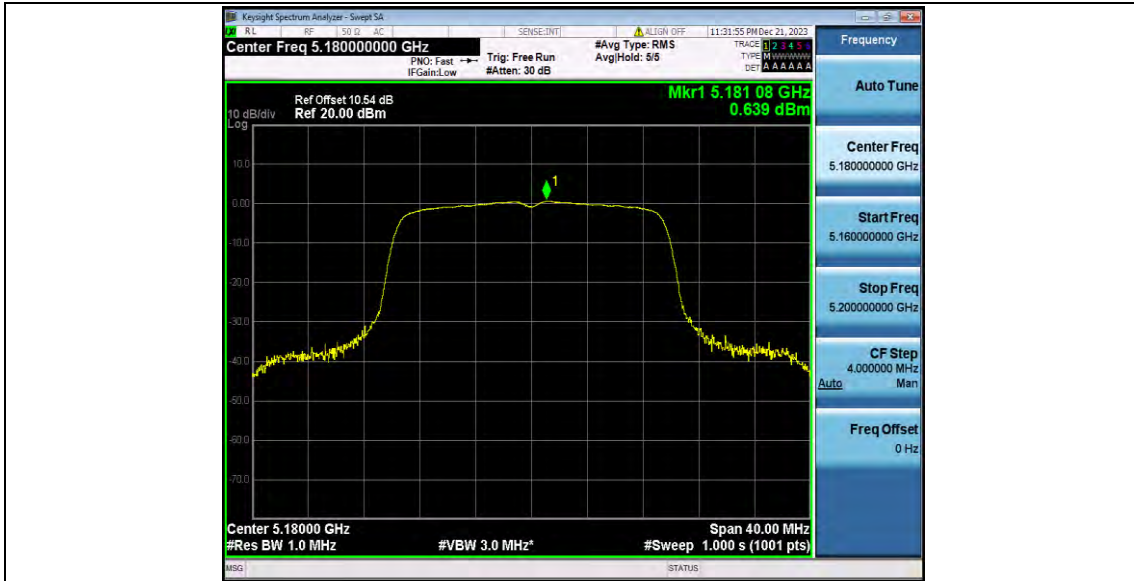




11AC40SISO\_Ant0\_5230



11AC80SISO\_Ant0\_5210



11AX20SISO\_Ant0\_5180



11AX20SISO\_Ant0\_5200



11AX20SISO\_Ant0\_5240



11AX40SISO\_Ant0\_5190



11AX40SISO\_Ant0\_5230



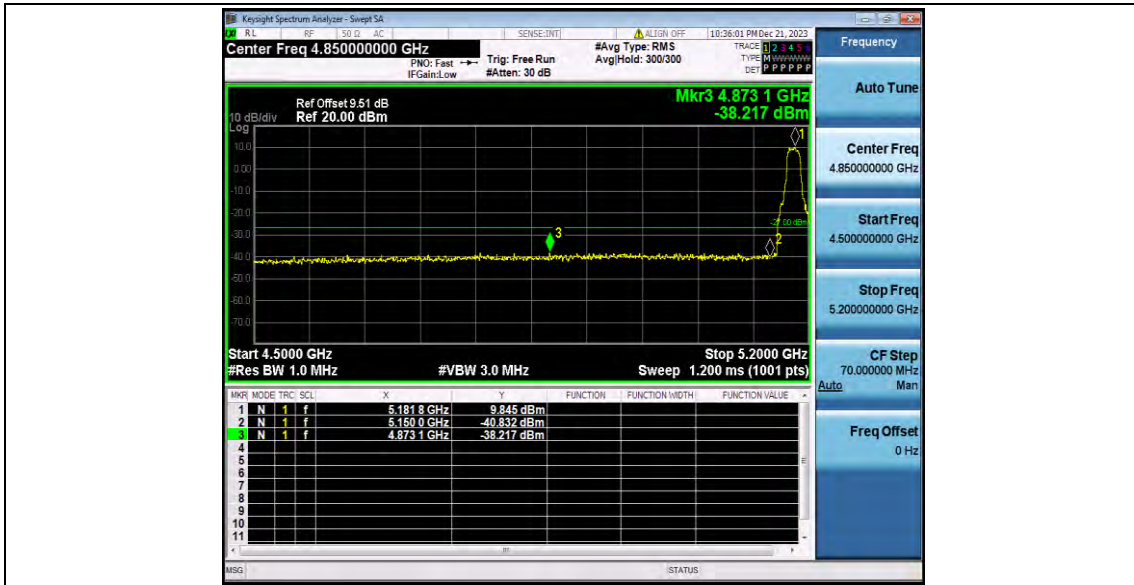
11AX80SISO\_Ant0\_5210

## Appendix D.6: Band edge measurements

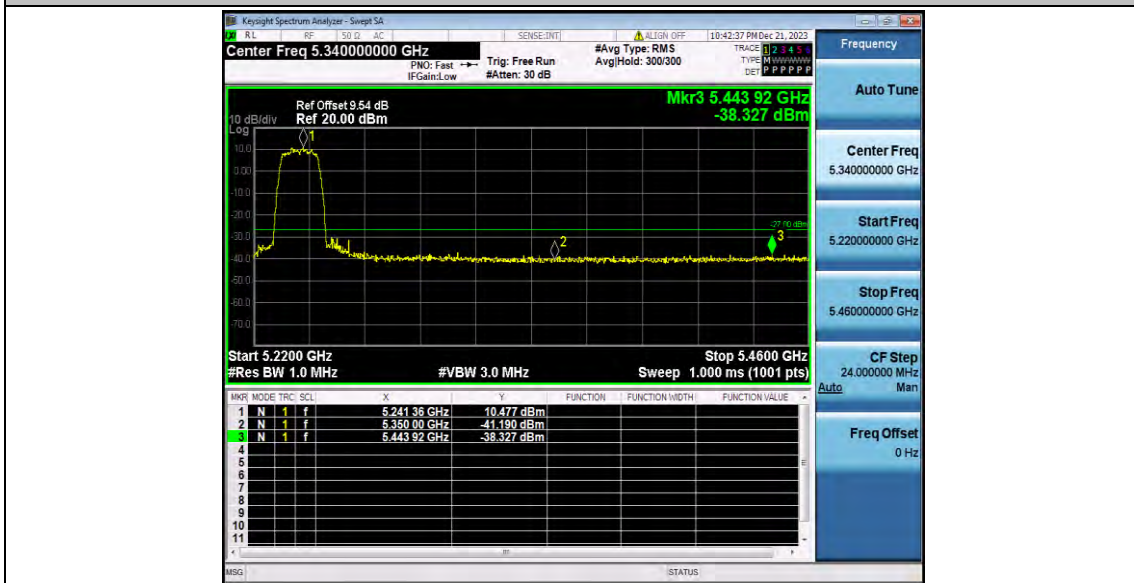
### Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	Low	5180	-38.22	≤-27	PASS
		High	5240	-38.33	≤-27	PASS
11N20SISO	Ant0	Low	5180	-34.09	≤-27	PASS
		High	5240	-38.27	≤-27	PASS
11N40SISO	Ant0	Low	5190	-37.85	≤-27	PASS
		High	5230	-37.68	≤-27	PASS
11AC20SISO	Ant0	Low	5180	-37.65	≤-27	PASS
		High	5240	-37.68	≤-27	PASS
11AC40SISO	Ant0	Low	5190	-37.67	≤-27	PASS
		High	5230	-37.49	≤-27	PASS
11AC80SISO	Ant0	Low	5210	-37.5	≤-27	PASS
		High	5210	-38.45	≤-27	PASS
11AX20SISO	Ant0	Low	5180	-37.62	≤-27	PASS
		High	5240	-37.65	≤-27	PASS
11AX40SISO	Ant0	Low	5190	-37.61	≤-27	PASS
		High	5230	-38.01	≤-27	PASS
11AX80SISO	Ant0	Low	5210	-36.43	≤-27	PASS
		High	5210	-37.93	≤-27	PASS

### Test Graphs B1

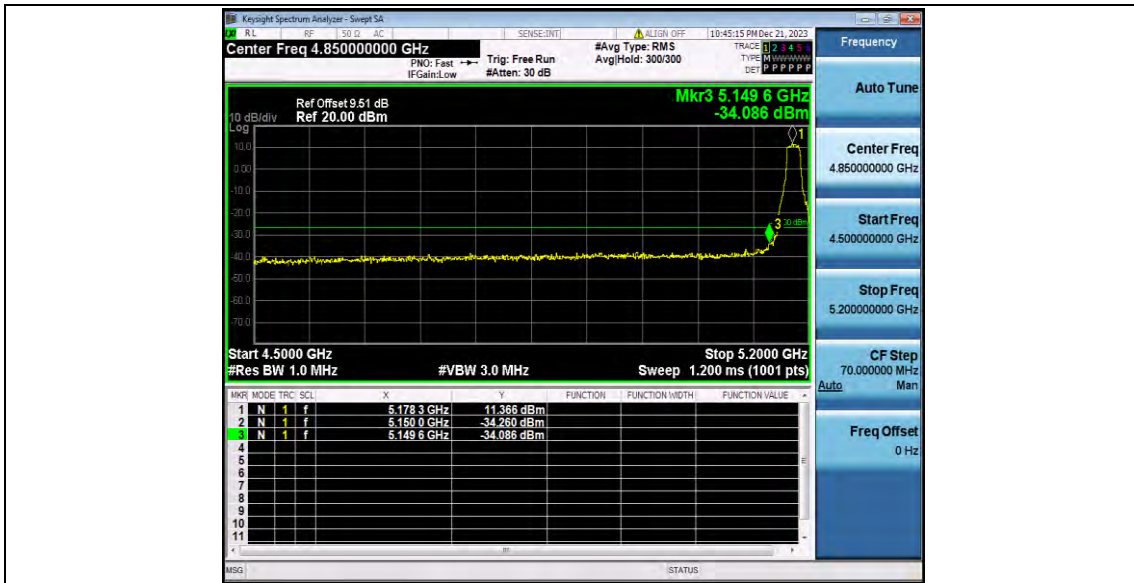


11A\_Ant0\_Low\_5180



11A\_Ant0\_High\_5240



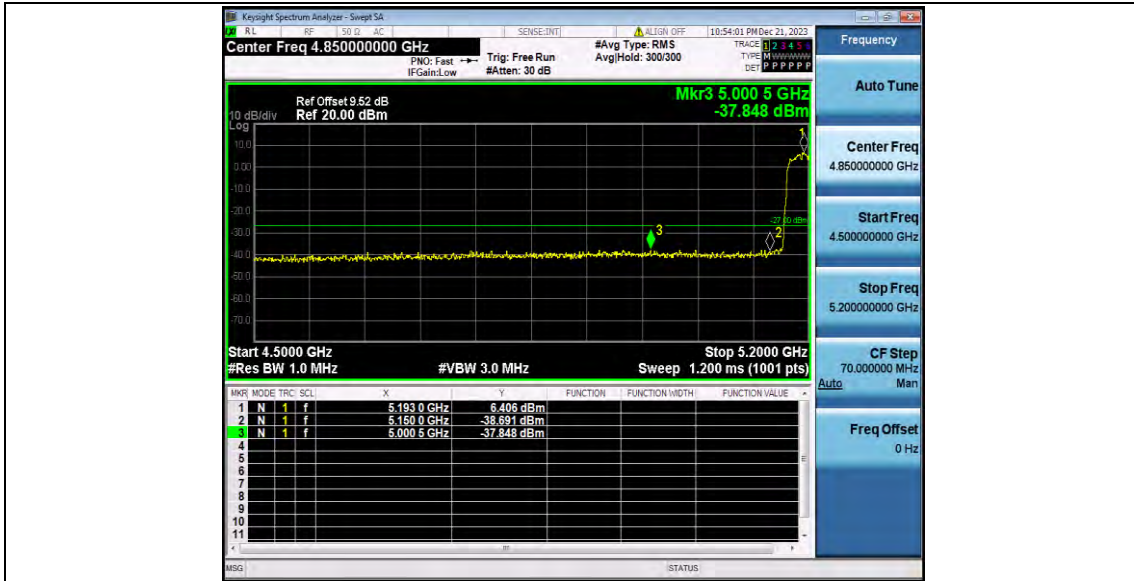


11N20SISO\_Ant0\_Low\_5180

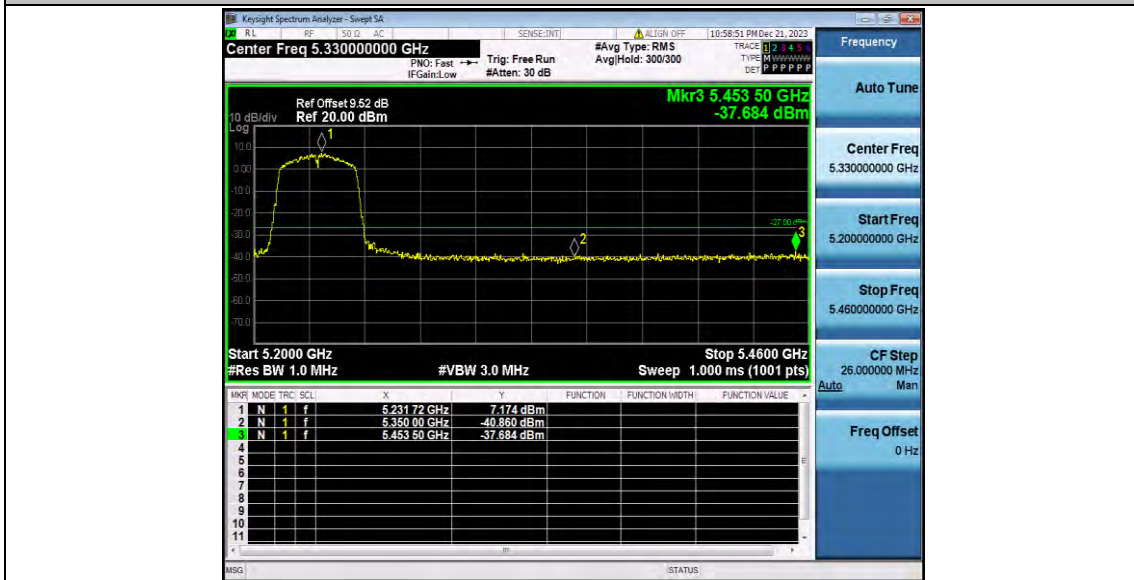


11N20SISO\_Ant0\_High\_5240

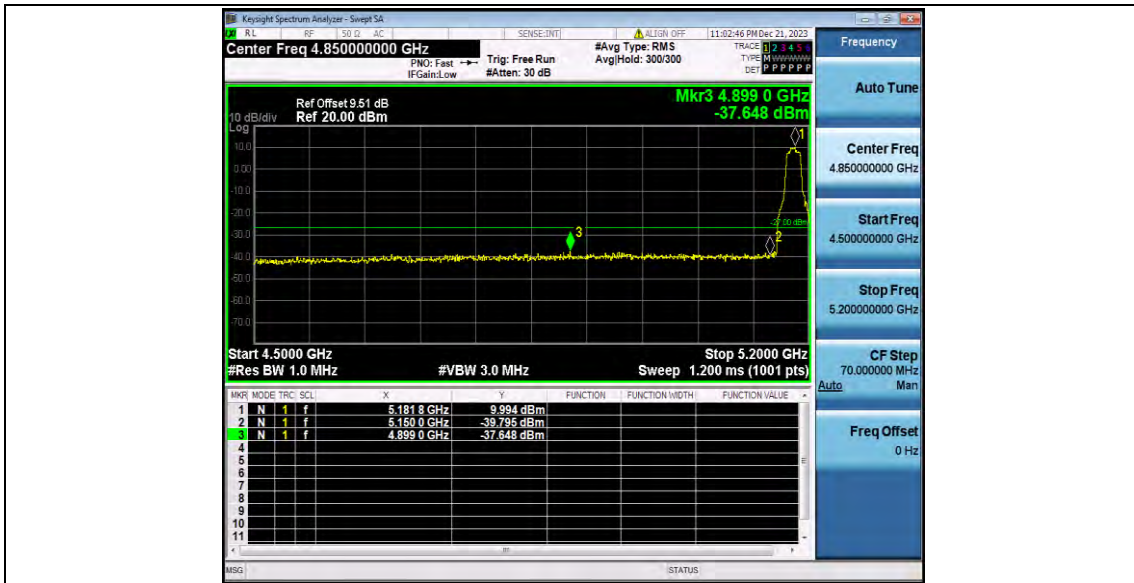




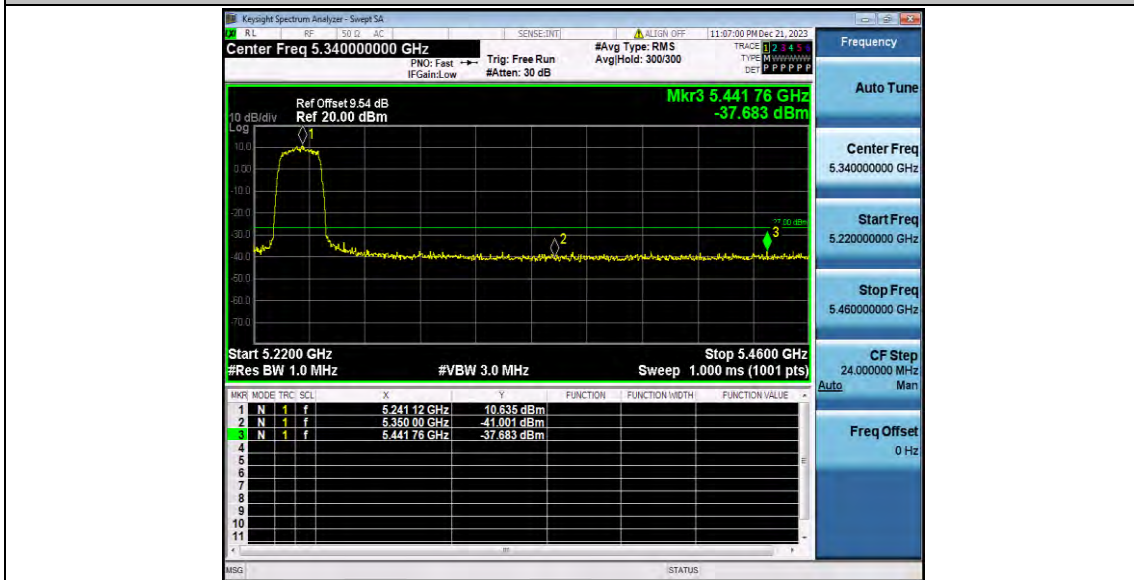
11N40SISO\_Ant0\_Low\_5190



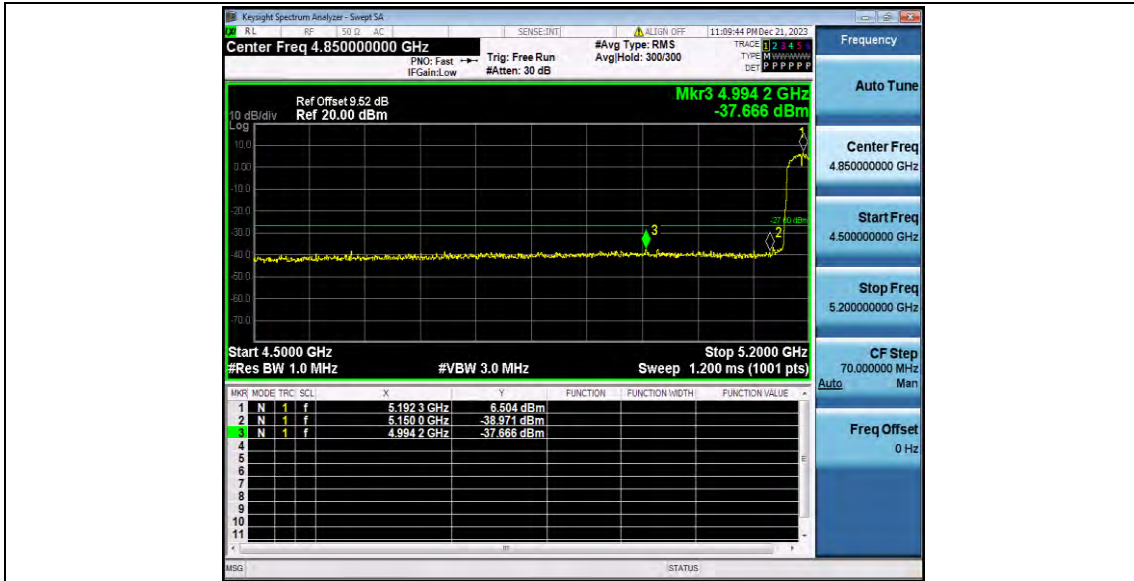
11N40SISO\_Ant0\_High\_5230



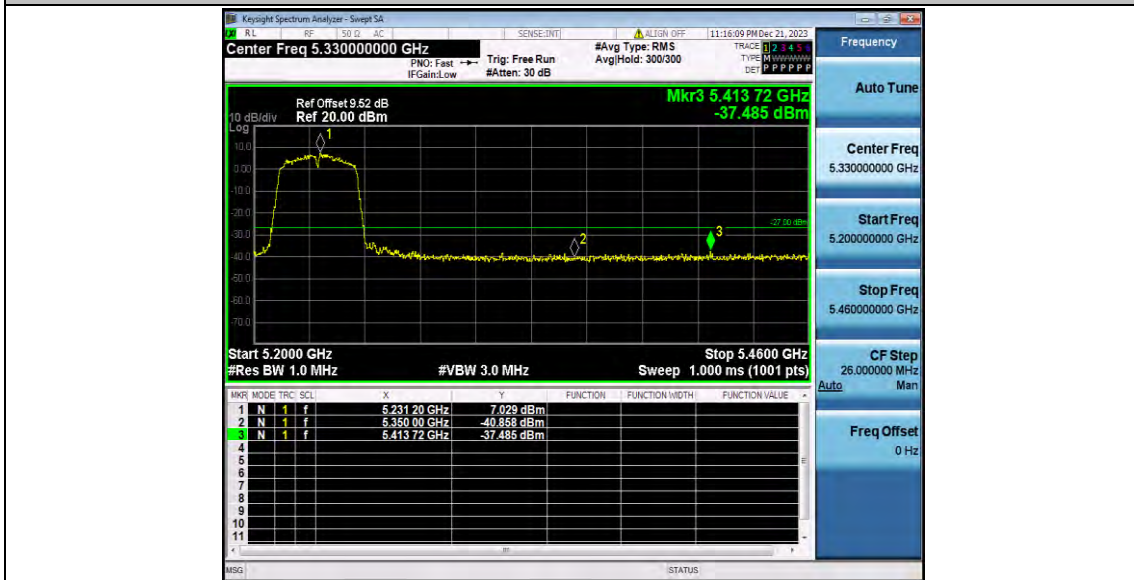
11AC20SISO\_Ant0\_Low\_5180



11AC20SISO\_Ant0\_High\_5240



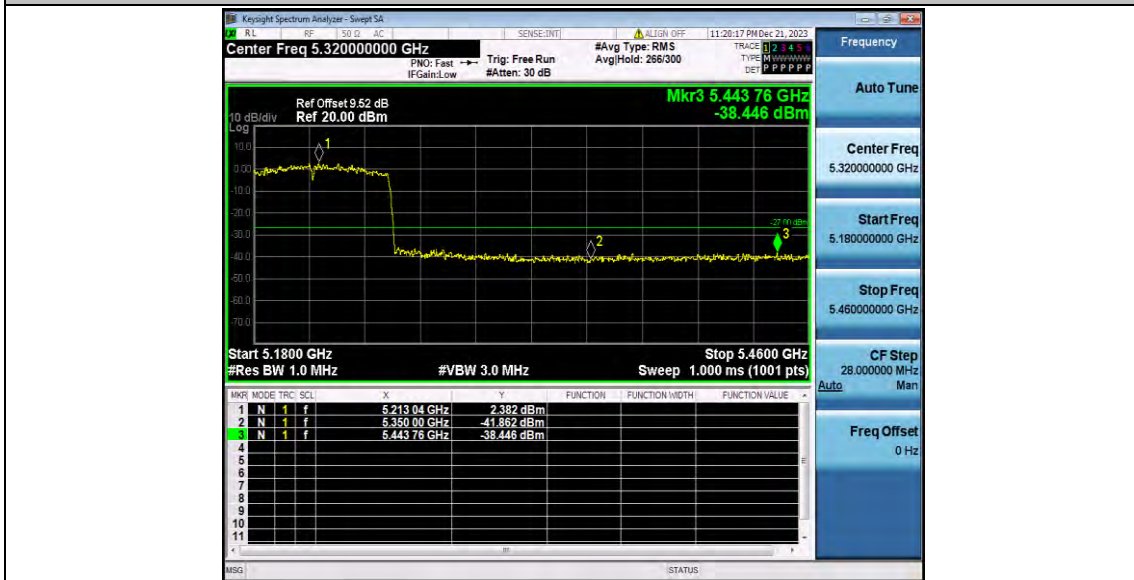
11AC40SISO\_Ant0\_Low\_5190



11AC40SISO\_Ant0\_High\_5230

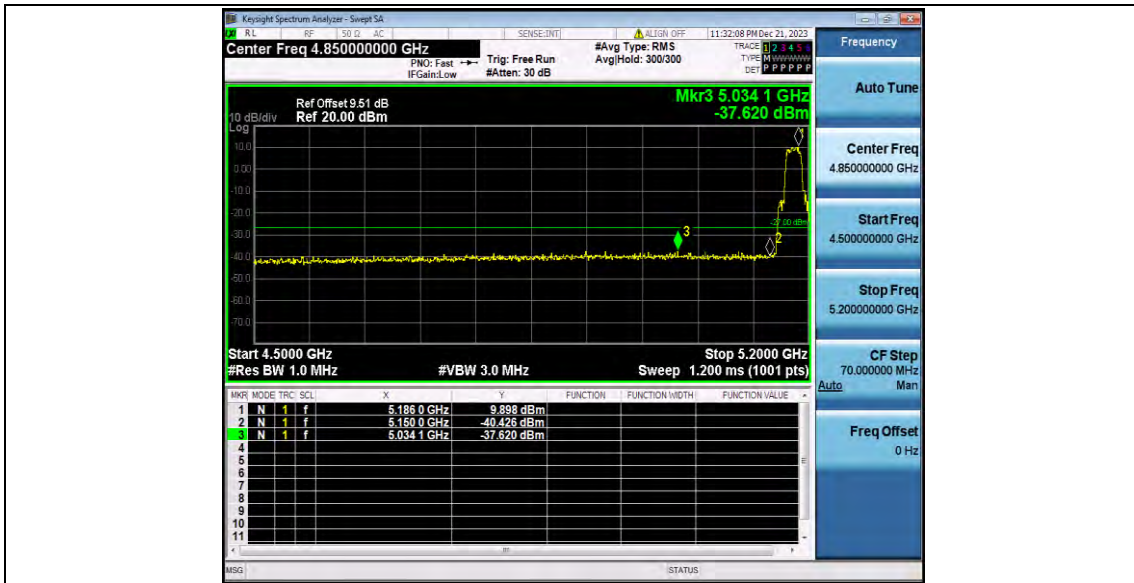


11AC80SISO\_Ant0\_Low\_5210

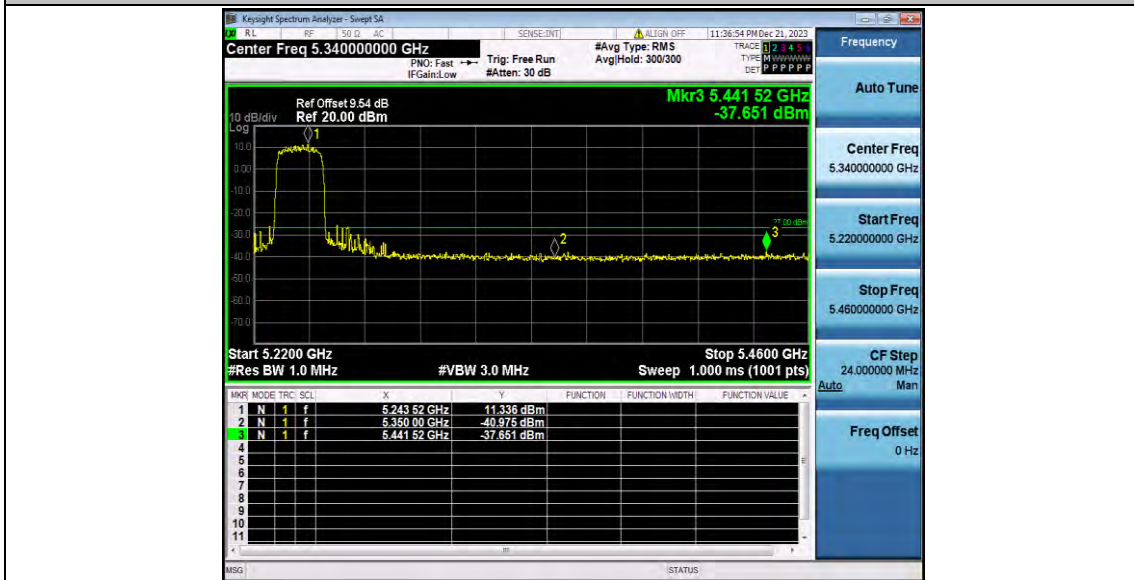


11AC80SISO\_Ant0\_High\_5210

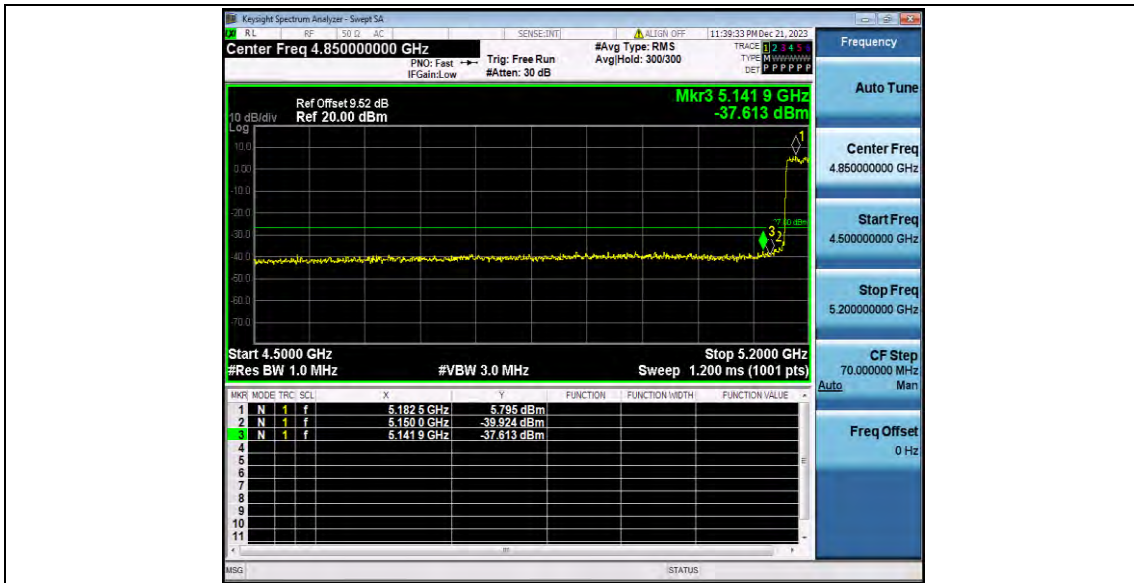




11AX20SISO\_Ant0\_Low\_5180



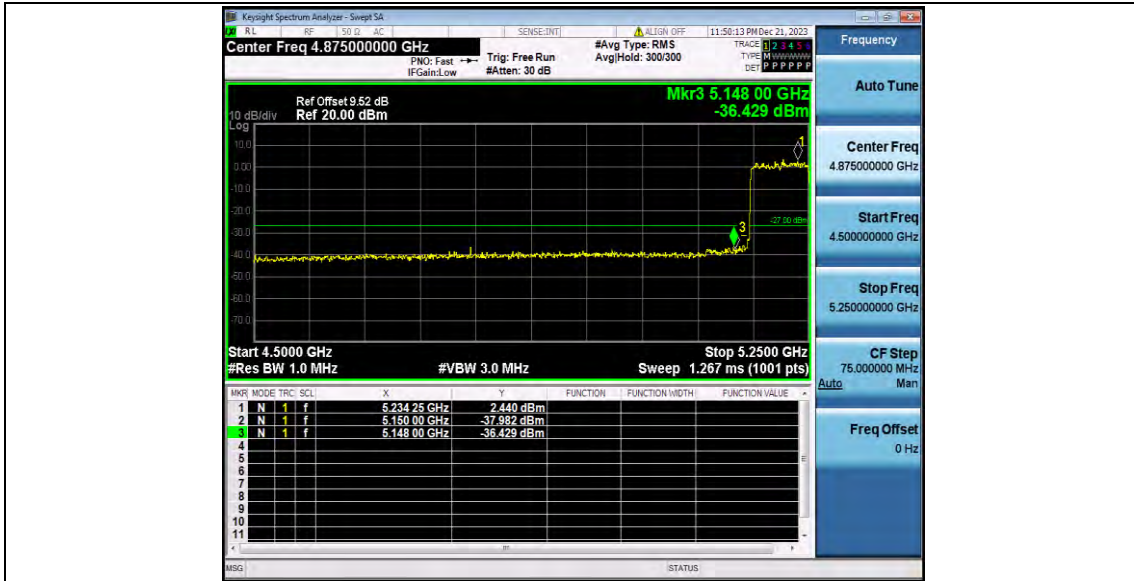
11AX20SISO\_Ant0\_High\_5240



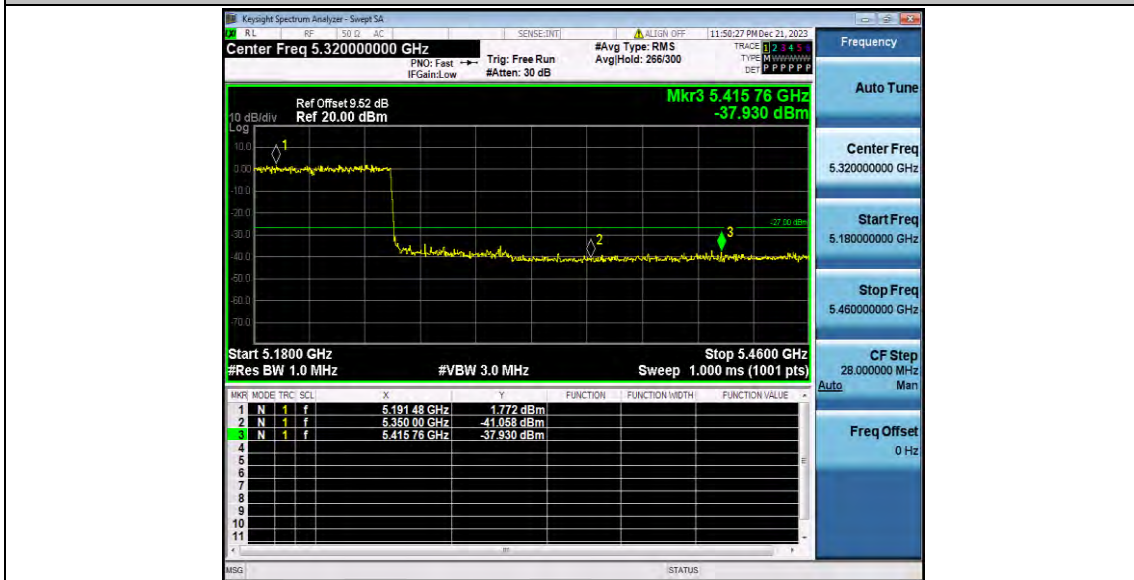
11AX40SISO\_Ant0\_Low\_5190



11AX40SISO\_Ant0\_High\_5230



11AX80SISO\_Ant0\_Low\_5210



11AX80SISO\_Ant0\_High\_5210



## Appendix D.7: Conducted Spurious Emission

### Test Result

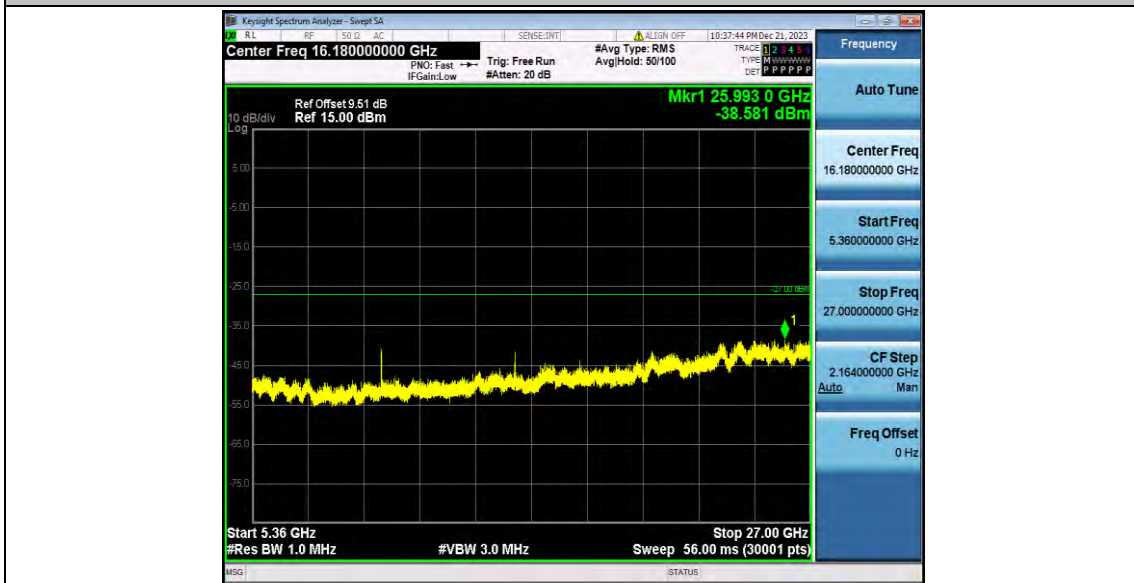
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	30~5140	5135.4	-45.74	≤-27	PASS
			5360~40000	25993.02	-38.58	≤-27	PASS
		5200	30~5140	5133.36	-45.98	≤-27	PASS
			5360~40000	24230.08	-37.83	≤-27	PASS
		5240	30~5140	1763.65	-43.73	≤-27	PASS
			5360~40000	10481.47	-33.53	≤-27	PASS
11N20SISO	Ant0	5180	30~5140	5140	-41.35	≤-27	PASS
			5360~40000	15540.9	-36.18	≤-27	PASS
		5200	30~5140	5137.79	-40.93	≤-27	PASS
			5360~40000	10405.01	-34.43	≤-27	PASS
		5240	30~5140	5121.43	-43.36	≤-27	PASS
			5360~40000	10482.19	-30.64	≤-27	PASS
11N40SISO	Ant0	5190	30~5140	5118.2	-45.54	≤-27	PASS
			5360~40000	24880	-38.09	≤-27	PASS
		5230	30~5140	5136.59	-46.91	≤-27	PASS
			5360~40000	10467.76	-36.57	≤-27	PASS
11AC20SISO	Ant0	5180	30~5140	5131.65	-43.86	≤-27	PASS
			5360~40000	24162.27	-37.71	≤-27	PASS
		5200	30~5140	5122.12	-45.39	≤-27	PASS
			5360~40000	10400.68	-37.39	≤-27	PASS
		5240	30~5140	4910.56	-46.15	≤-27	PASS
			5360~40000	10476.42	-33.32	≤-27	PASS
11AC40SISO	Ant0	5190	30~5140	5135.4	-45.44	≤-27	PASS
			5360~40000	24757.37	-38.37	≤-27	PASS
		5230	30~5140	5131.14	-45.71	≤-27	PASS
			5360~40000	10458.38	-36.44	≤-27	PASS
11AC80SISO	Ant0	5210	30~5140	5116.66	-43.66	≤-27	PASS
			5360~40000	24242.34	-37.86	≤-27	PASS
11AX20SISO	Ant0	5180	30~5140	5113.26	-44.2	≤-27	PASS
			5360~40000	25128.86	-38.37	≤-27	PASS
		5200	30~5140	5132.51	-43.53	≤-27	PASS
			5360~40000	24253.88	-38.02	≤-27	PASS
		5240	30~5140	5125.69	-45.05	≤-27	PASS
			5360~40000	10479.3	-31.17	≤-27	PASS
11AX40SISO	Ant0	5190	30~5140	5138.13	-41.05	≤-27	PASS
			5360~40000	26592.45	-37.6	≤-27	PASS

		5230	30~5140	5139.15	-45.09	≤-27	PASS
			5360~40000	24282.74	-37.51	≤-27	PASS
11AX80SISO	Ant0	5210	30~5140	5126.2	-41.97	≤-27	PASS
			5360~40000	24260.38	-38.41	≤-27	PASS

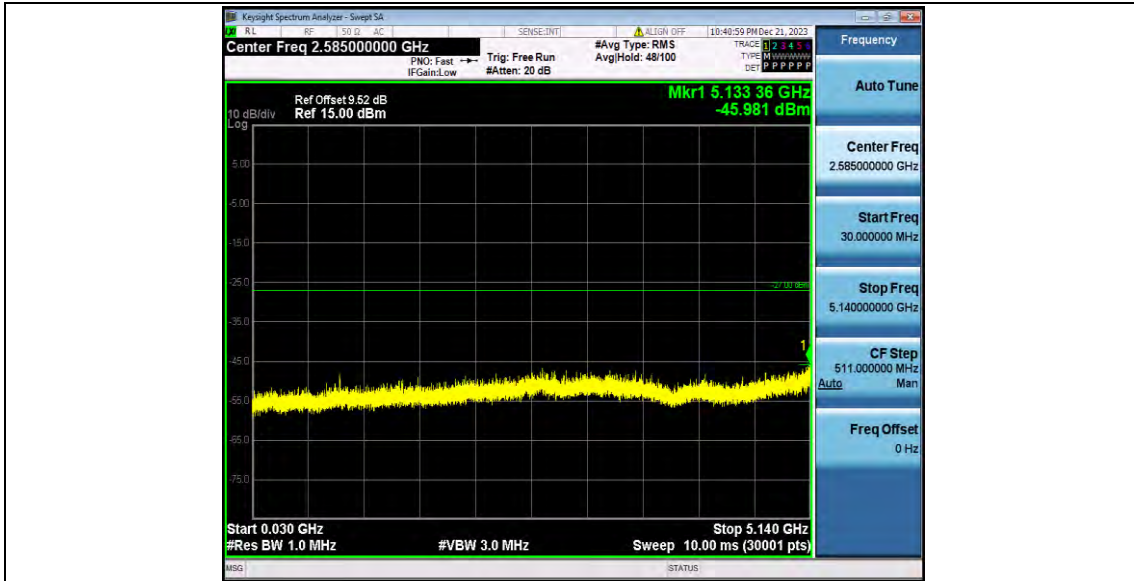
## Test Graphs



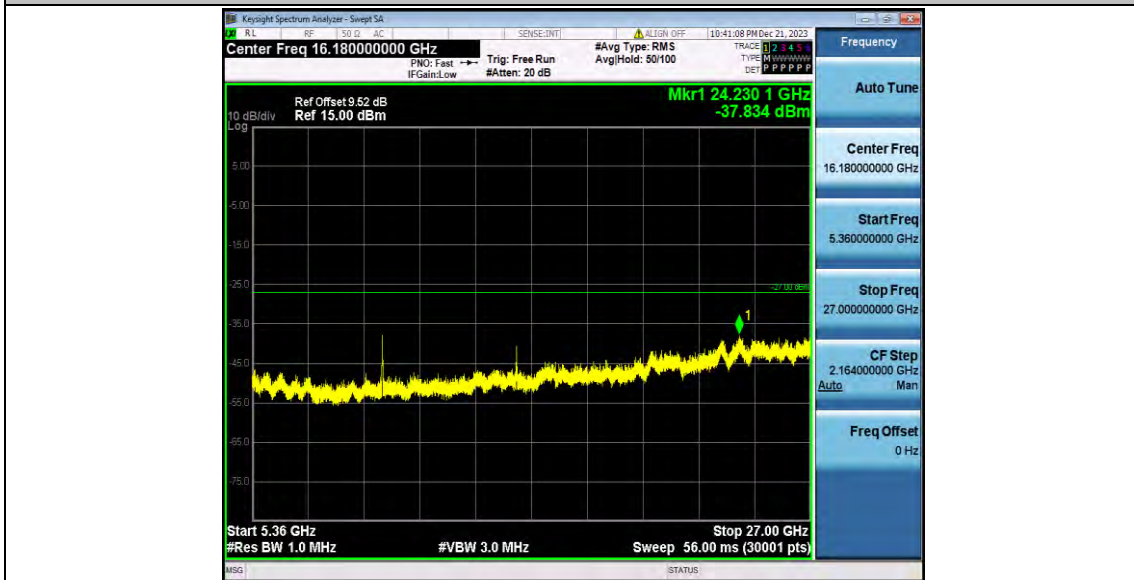
11A\_Ant0\_5180\_30~5140



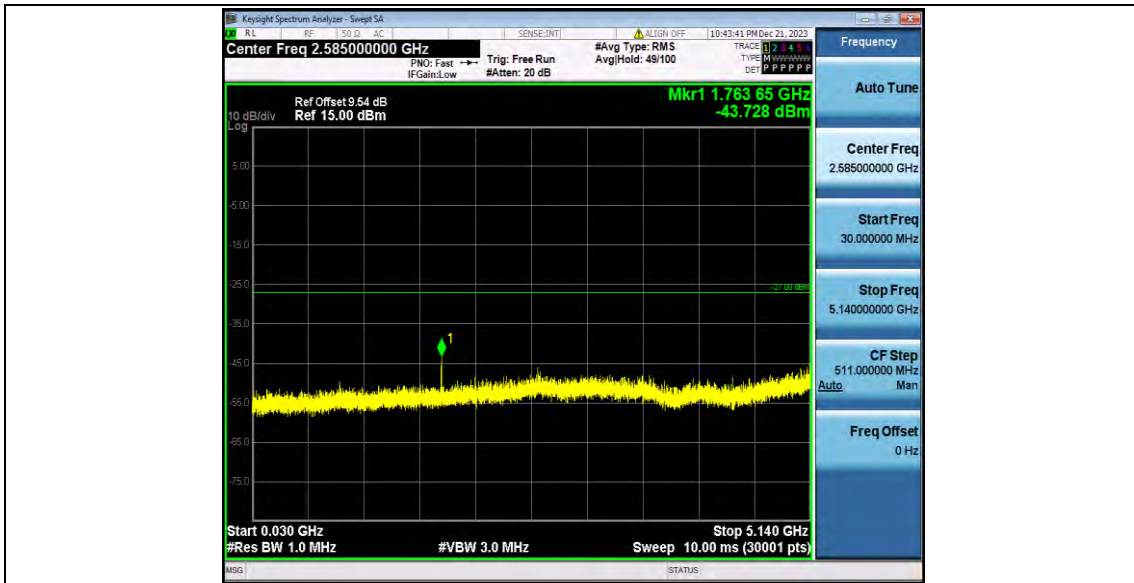
11A\_Ant0\_5180\_5360~40000



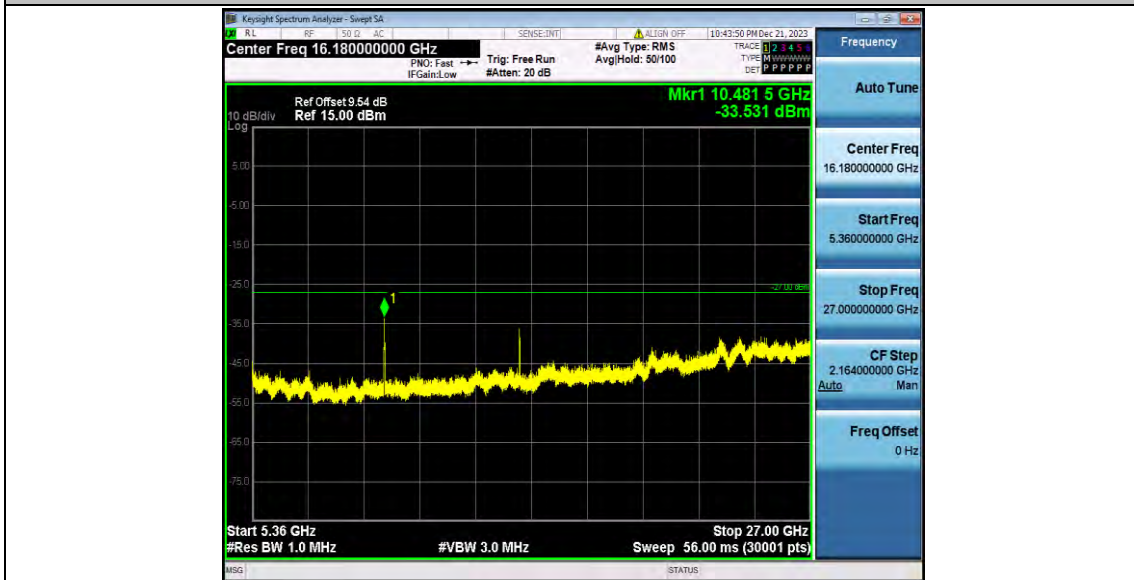
11A\_Ant0\_5200\_30~5140



11A\_Ant0\_5200\_5360~40000



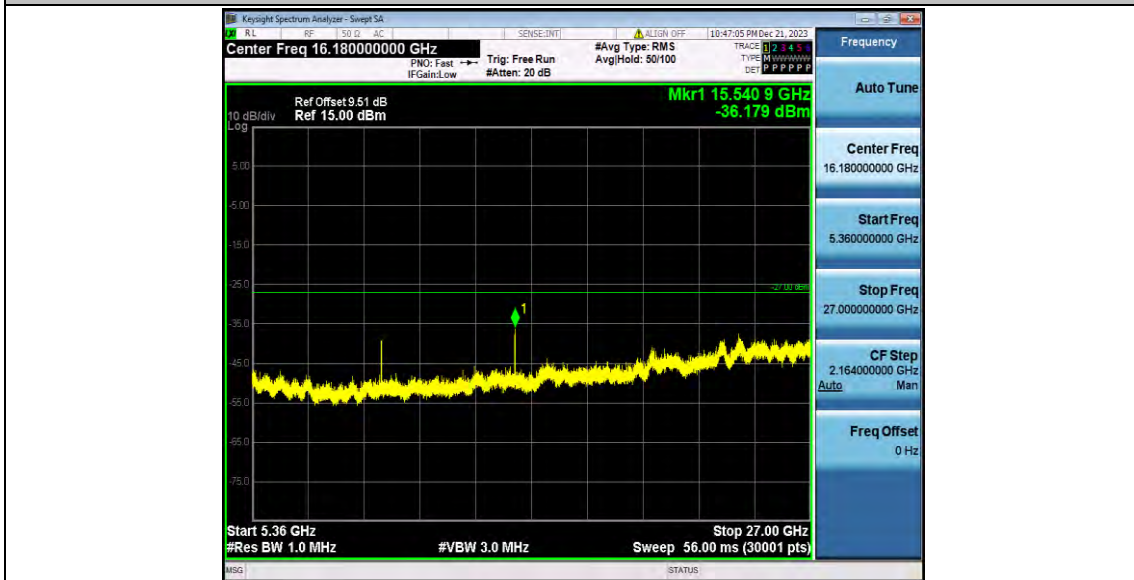
11A\_Ant0\_5240\_30~5140



11A\_Ant0\_5240\_5360~40000



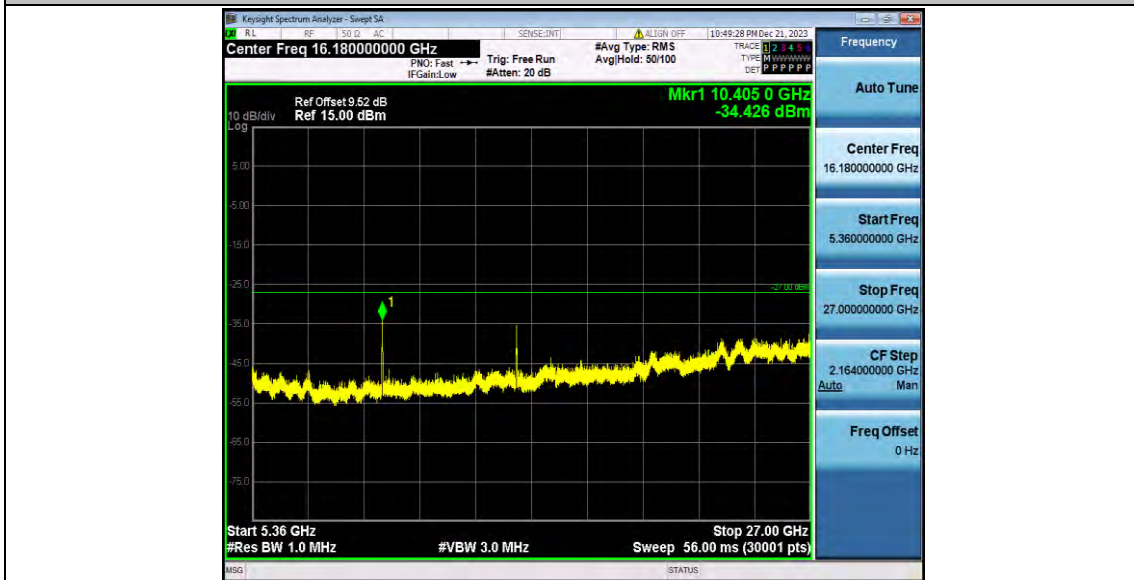
11N20SISO\_Ant0\_5180\_30~5140



11N20SISO\_Ant0\_5180\_5360~40000

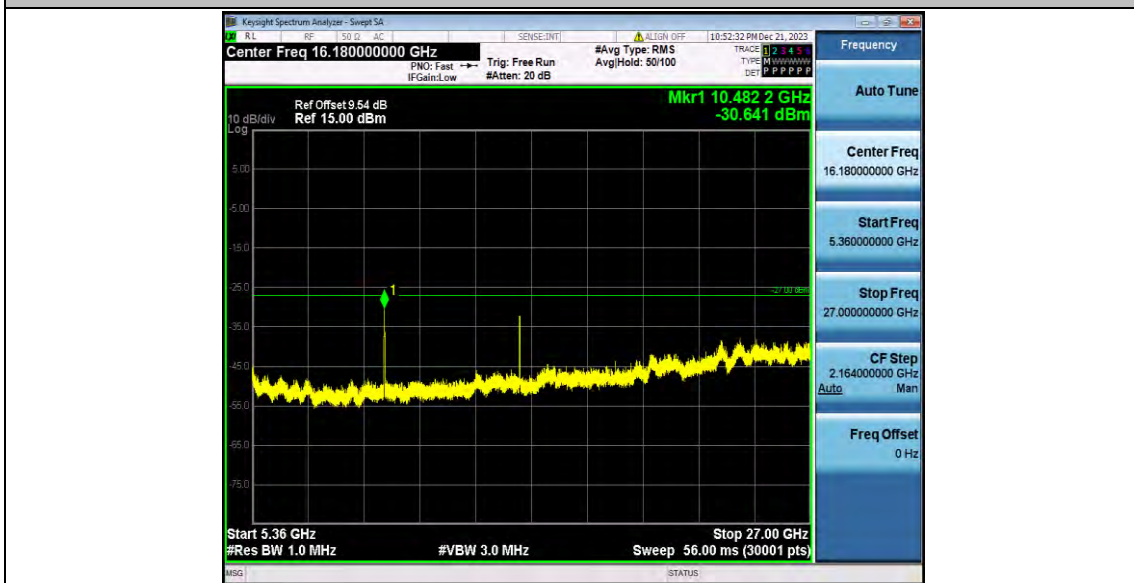
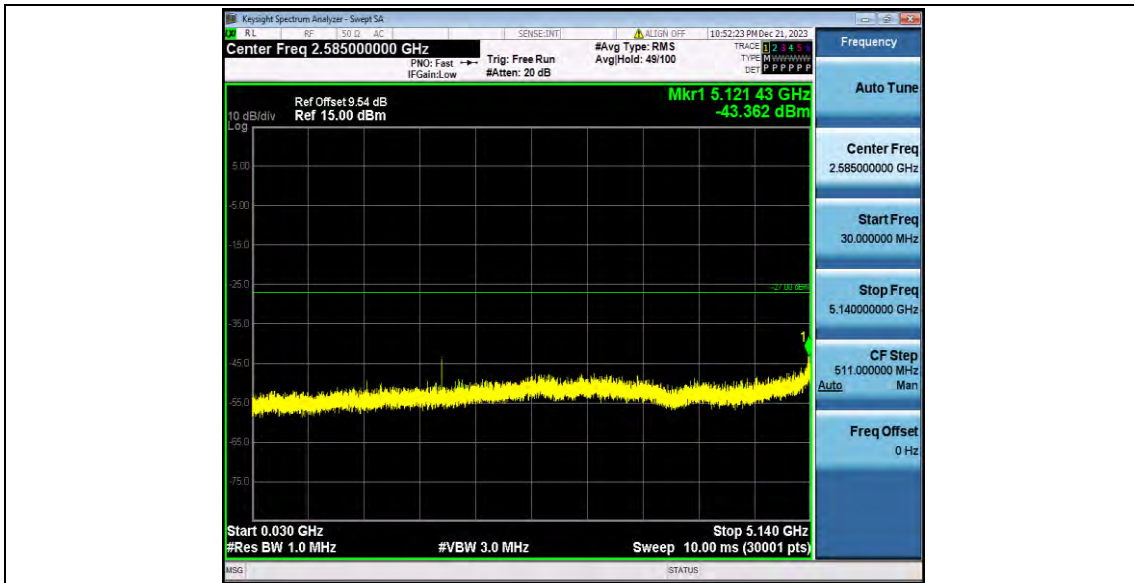


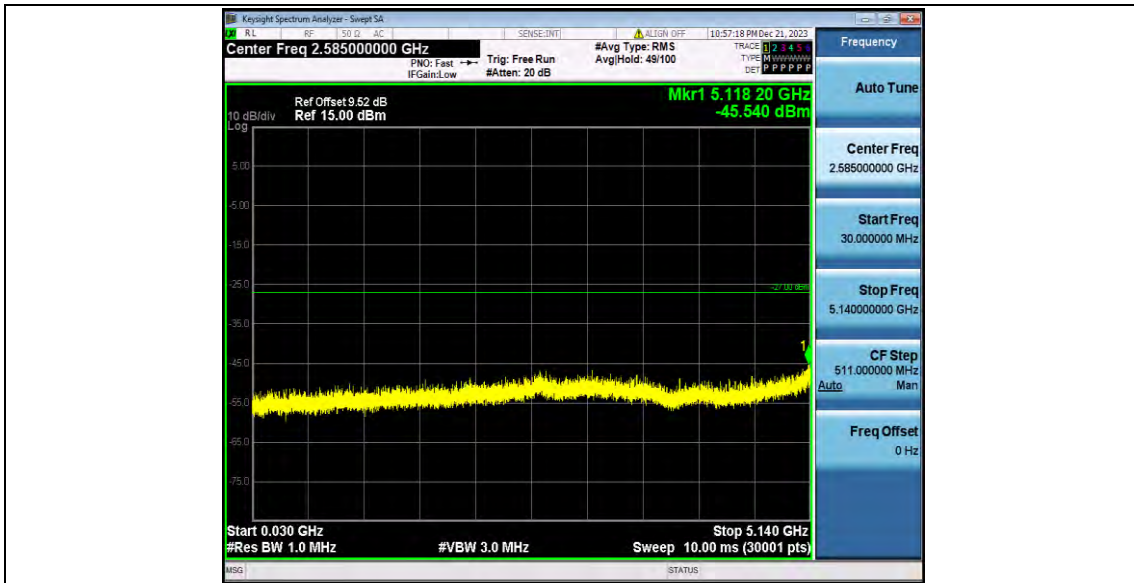
11N20SISO\_Ant0\_5200\_30~5140



11N20SISO\_Ant0\_5200\_5360~40000



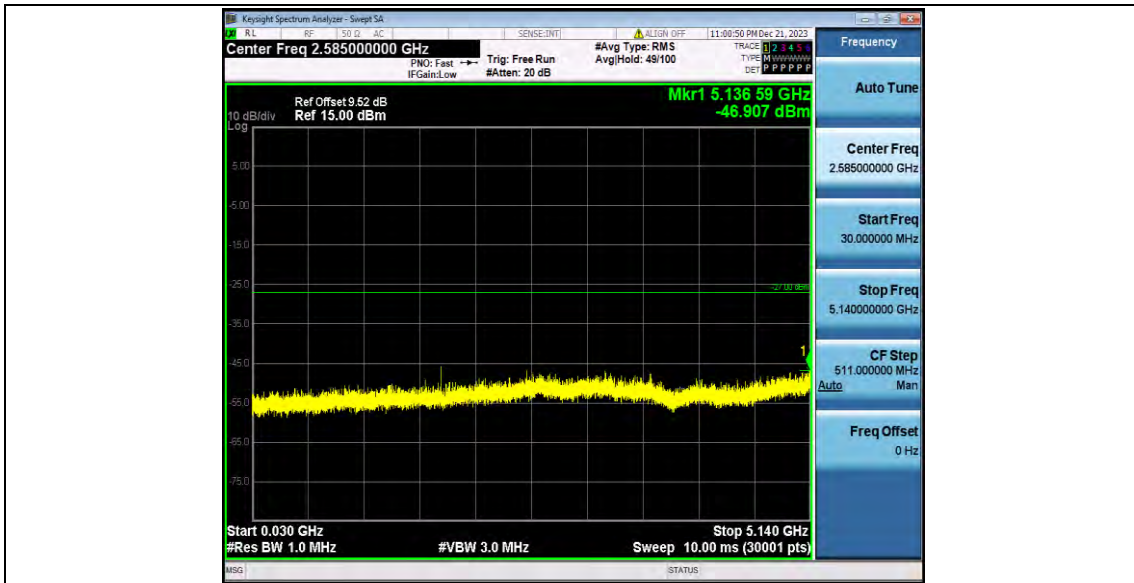




11N40SISO\_Ant0\_5190\_30~5140



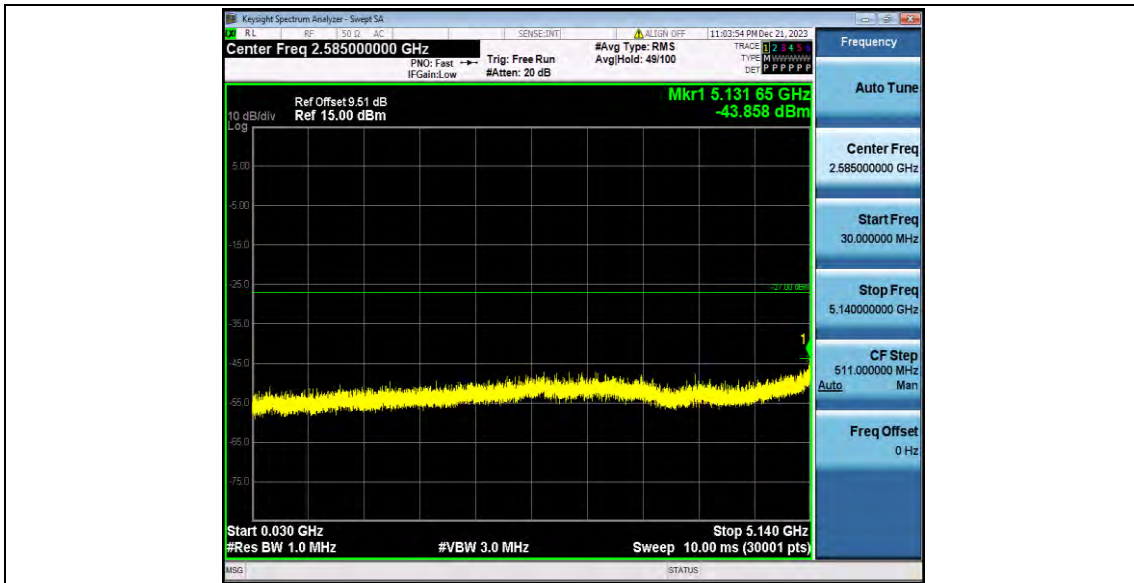
11N40SISO\_Ant0\_5190\_5360~40000



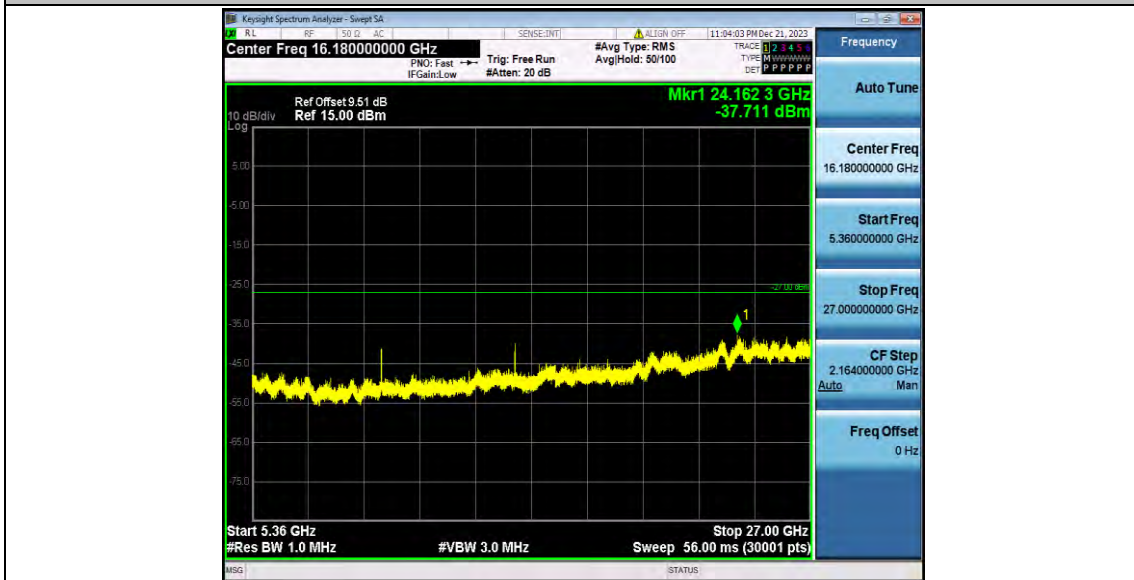
11N40SISO\_Ant0\_5230\_30~5140



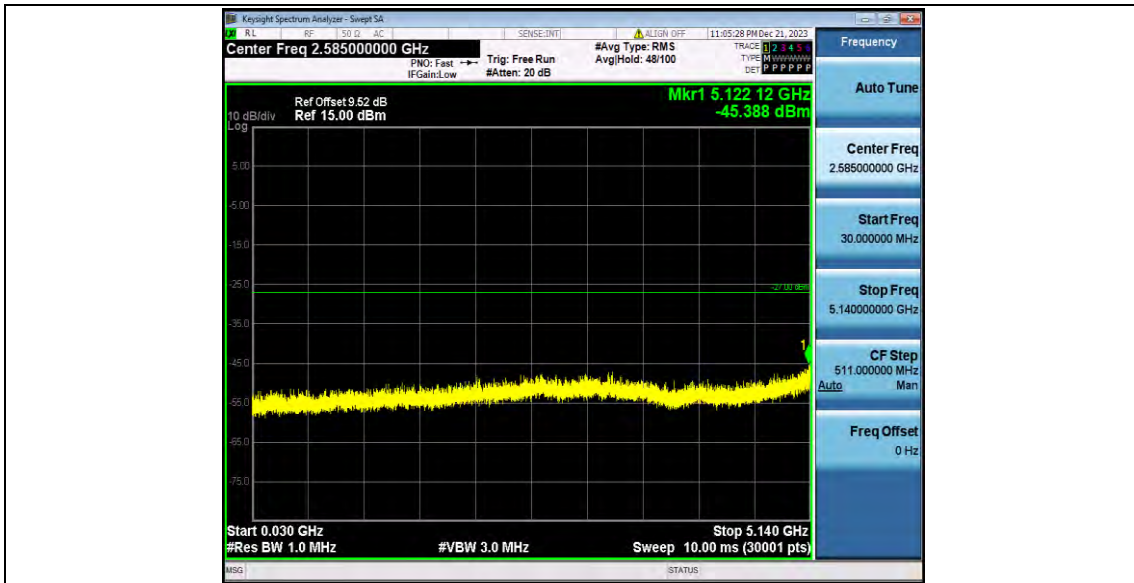
11N40SISO\_Ant0\_5230\_5360~40000



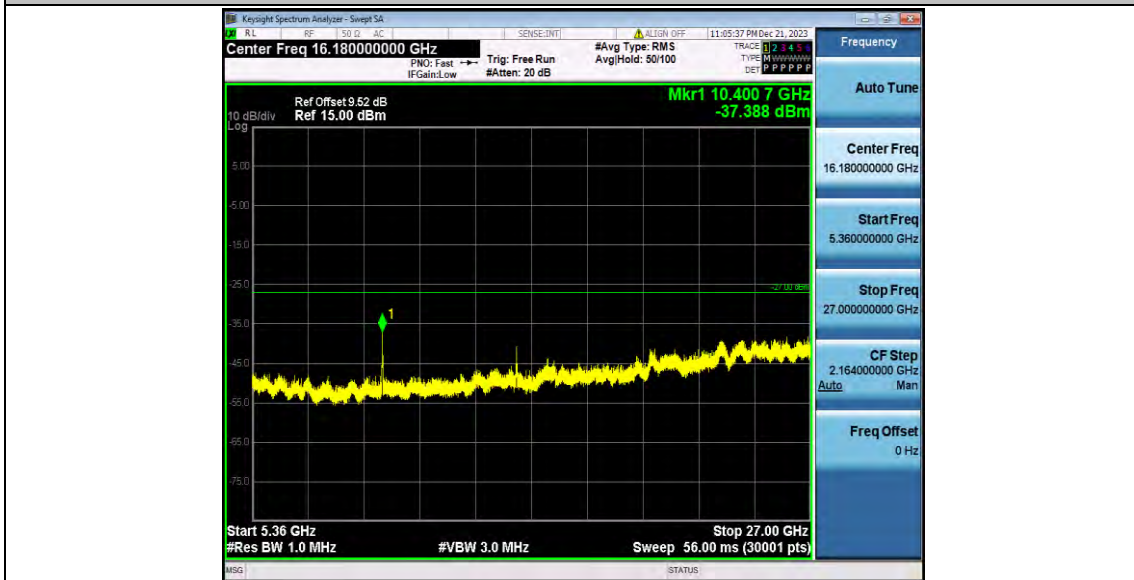
11AC20SISO\_Ant0\_5180\_30~5140



11AC20SISO\_Ant0\_5180\_5360~40000



11AC20SISO\_Ant0\_5200\_30~5140

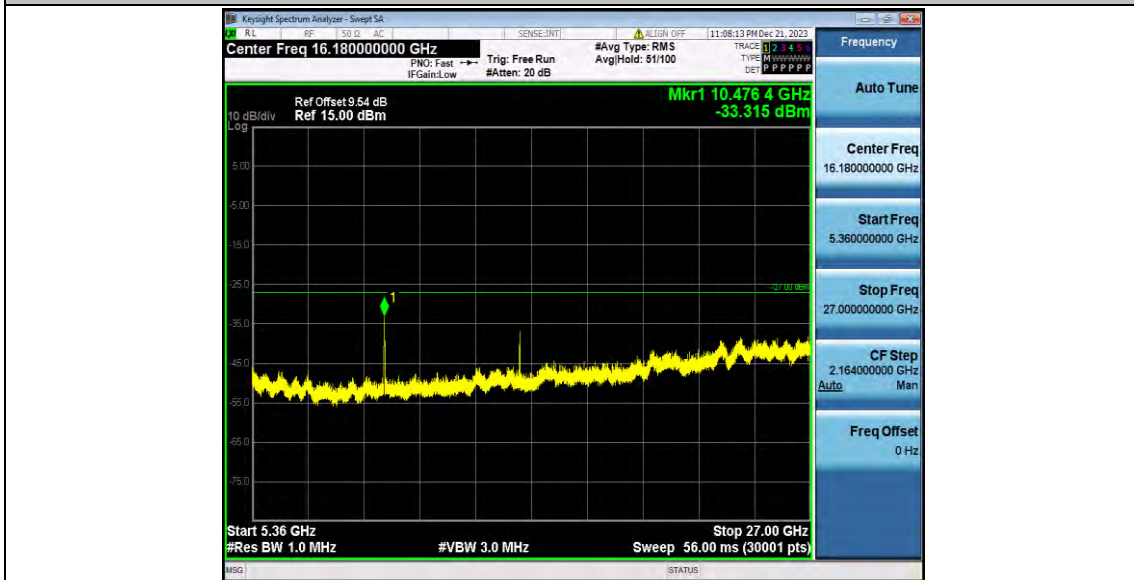


11AC20SISO\_Ant0\_5200\_5360~40000





11AC20SISO\_Ant0\_5240\_30~5140

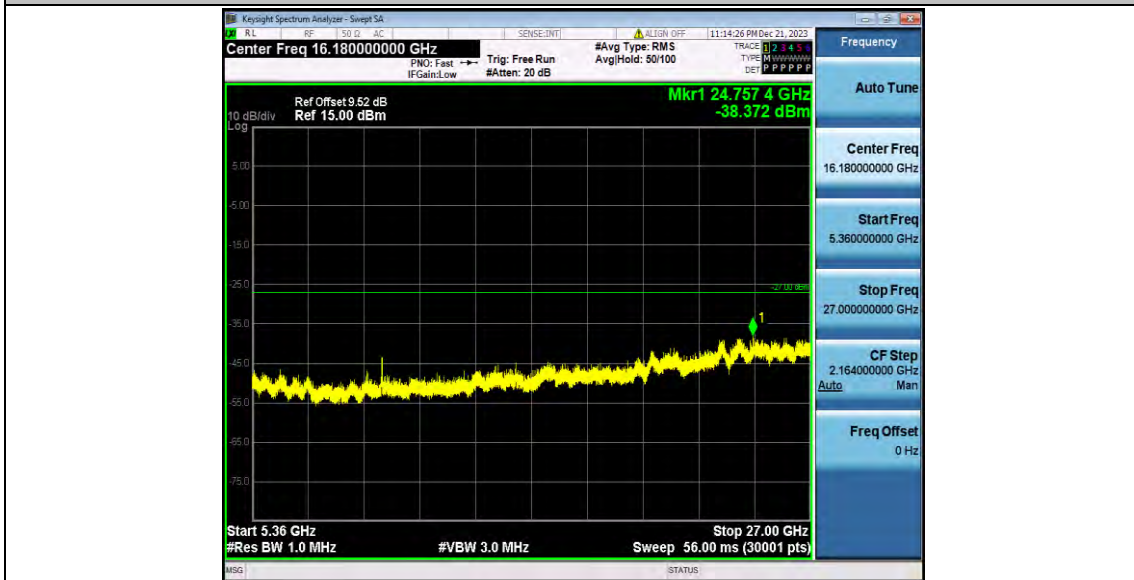


11AC20SISO\_Ant0\_5240\_5360~40000





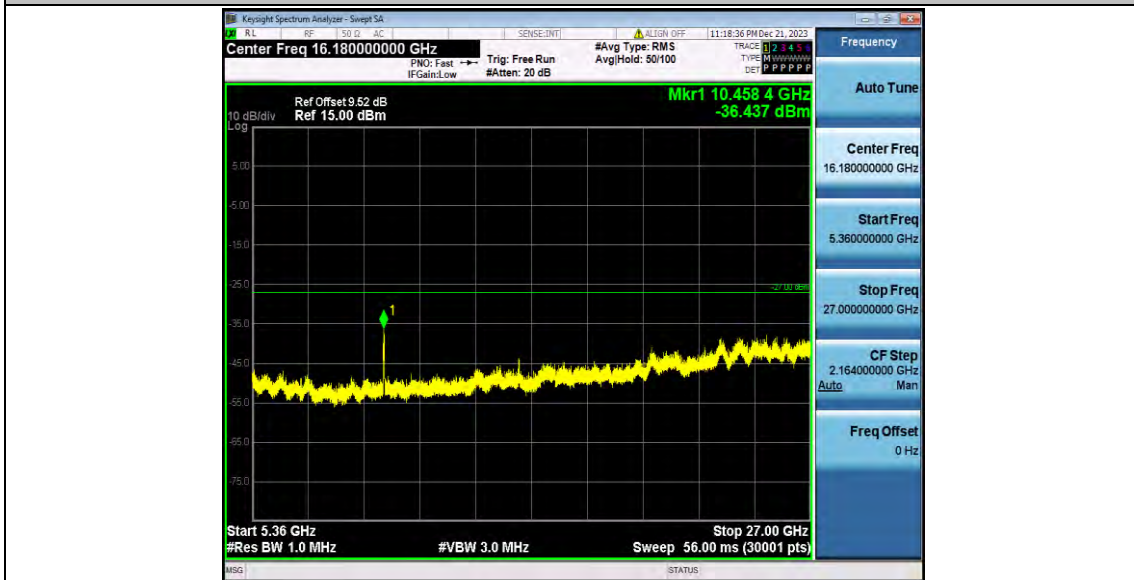
11AC40SISO\_Ant0\_5190\_30~5140



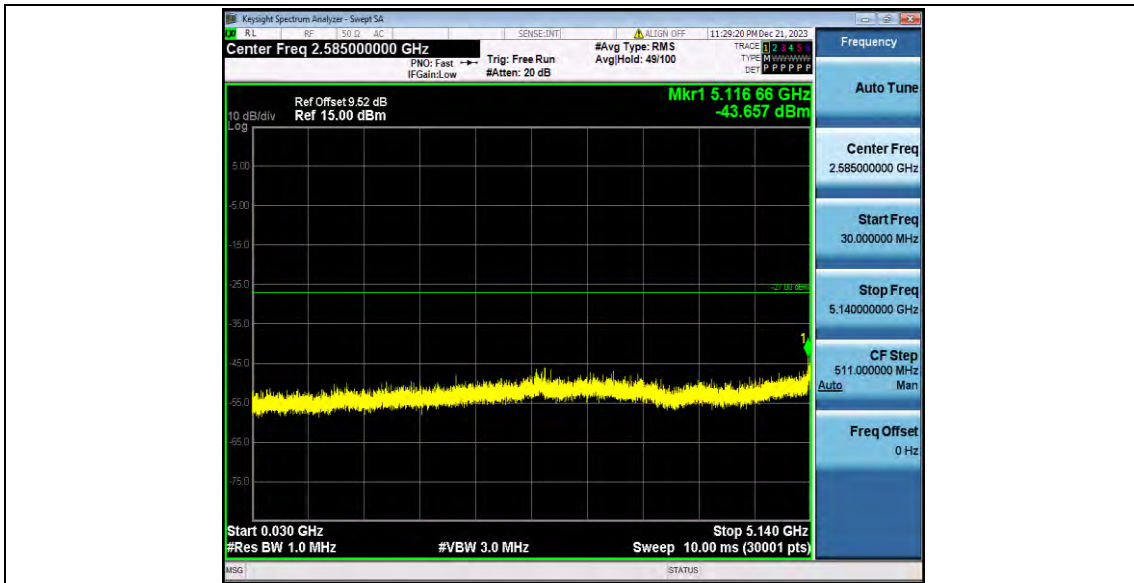
11AC40SISO\_Ant0\_5190\_5360~40000



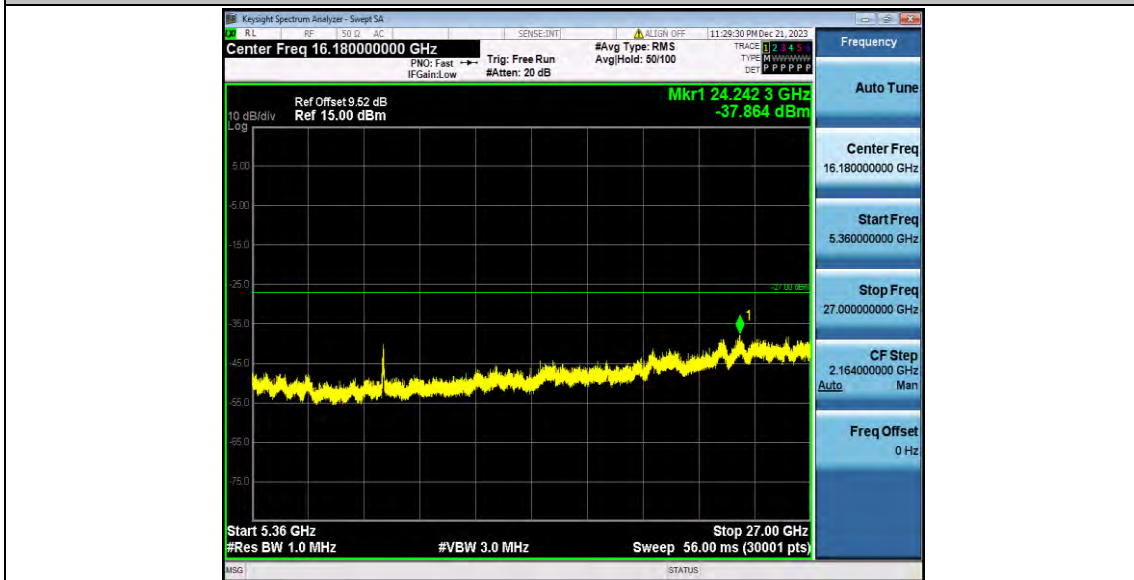
11AC40SISO\_Ant0\_5230\_30~5140



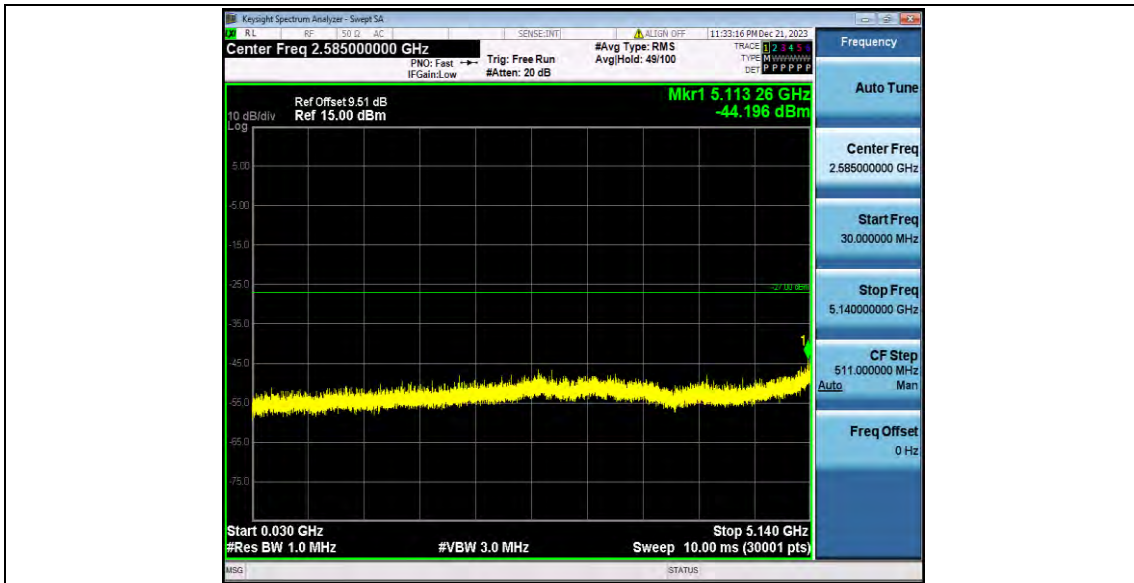
11AC40SISO\_Ant0\_5230\_5360~40000



11AC80SISO\_Ant0\_5210\_30~5140



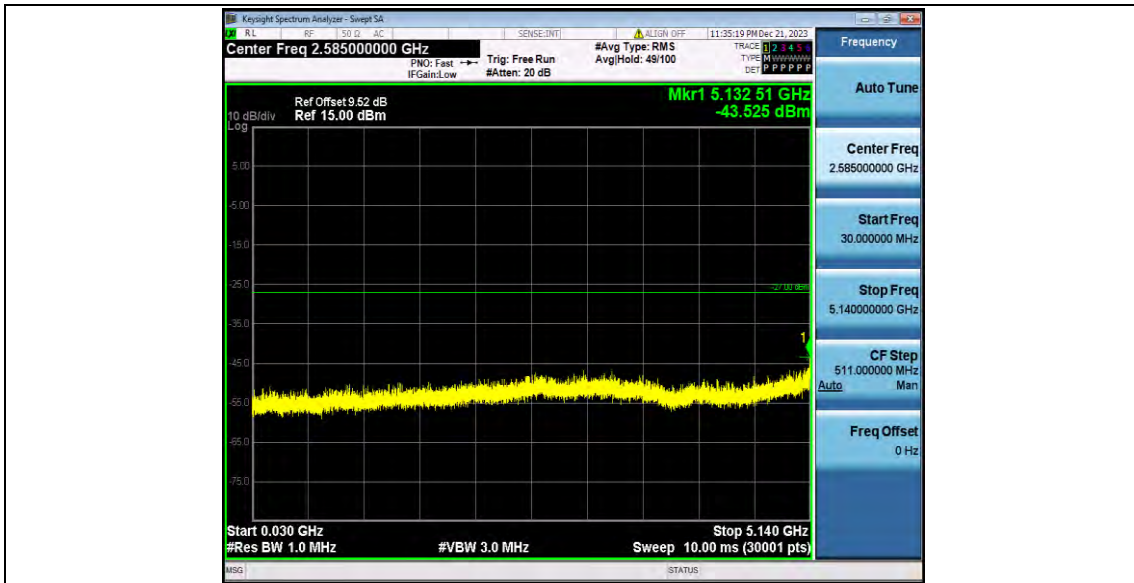
11AC80SISO\_Ant0\_5210\_5360~40000



11AX20SISO\_Ant0\_5180\_30~5140



11AX20SISO\_Ant0\_5180\_5360~40000



11AX20SISO\_Ant0\_5200\_30~5140

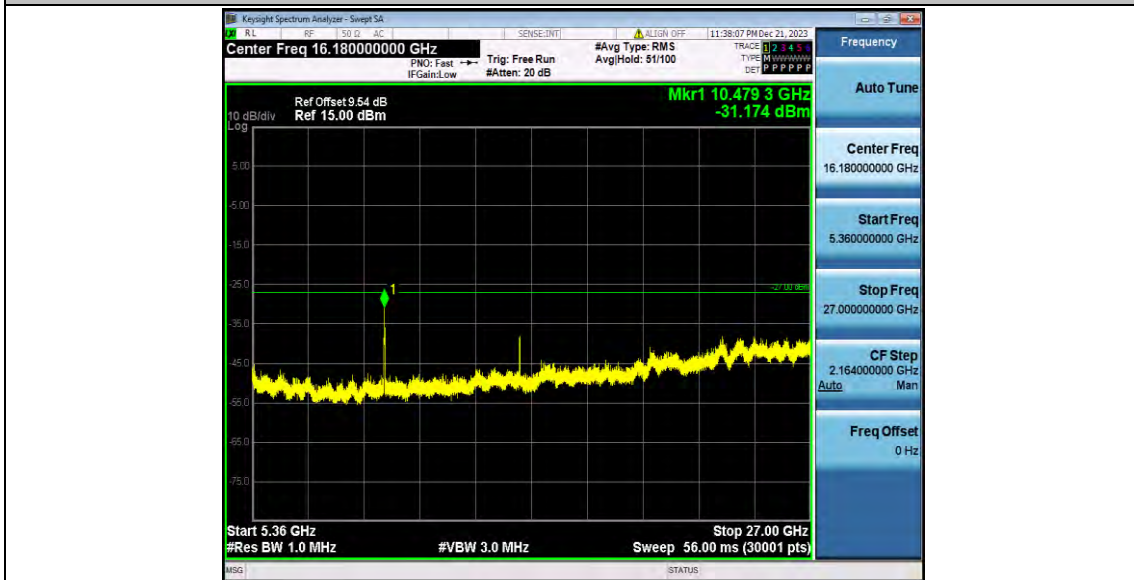


11AX20SISO\_Ant0\_5200\_5360~40000



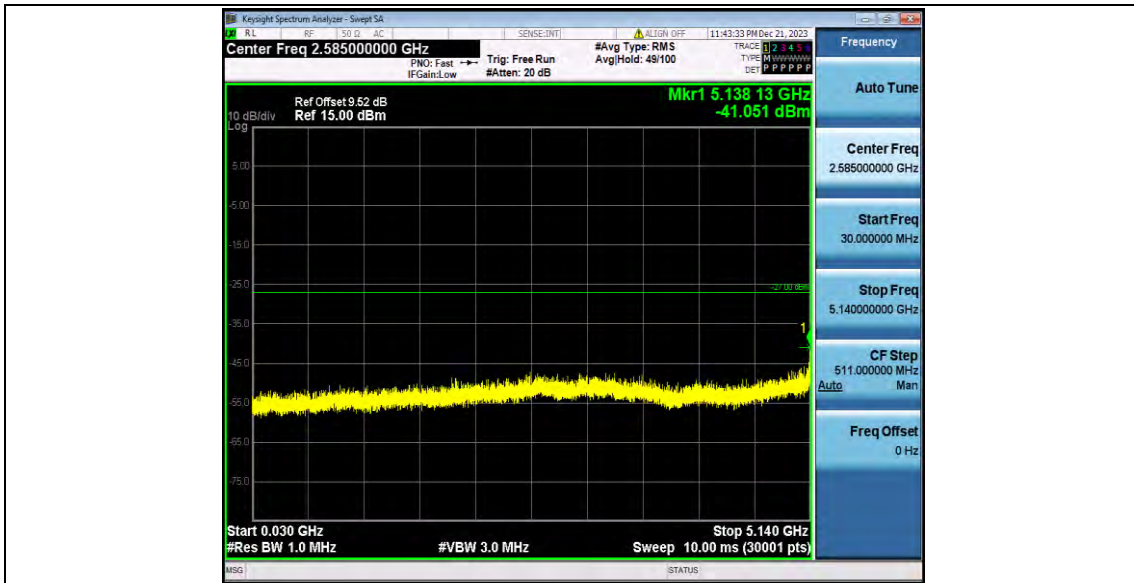


11AX20SISO\_Ant0\_5240\_30~5140



11AX20SISO\_Ant0\_5240\_5360~40000

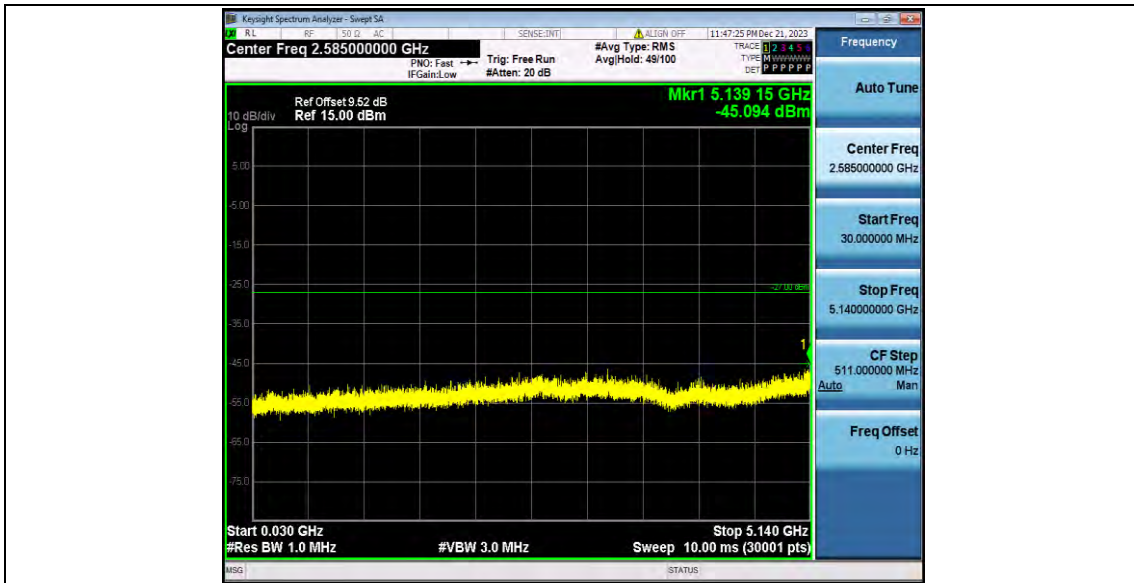




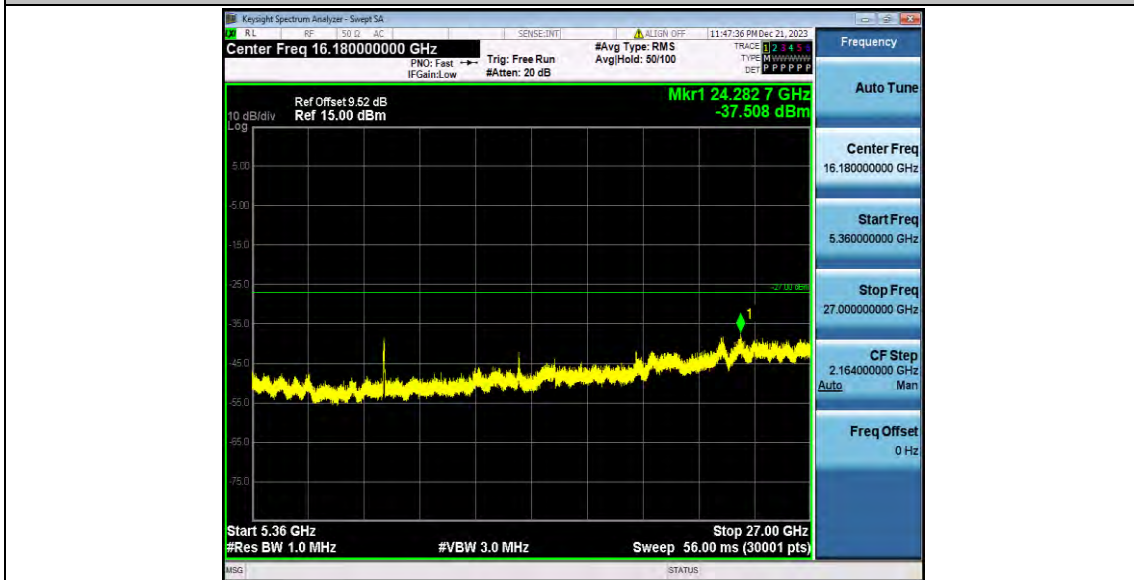
11AX40SISO\_Ant0\_5190\_30~5140



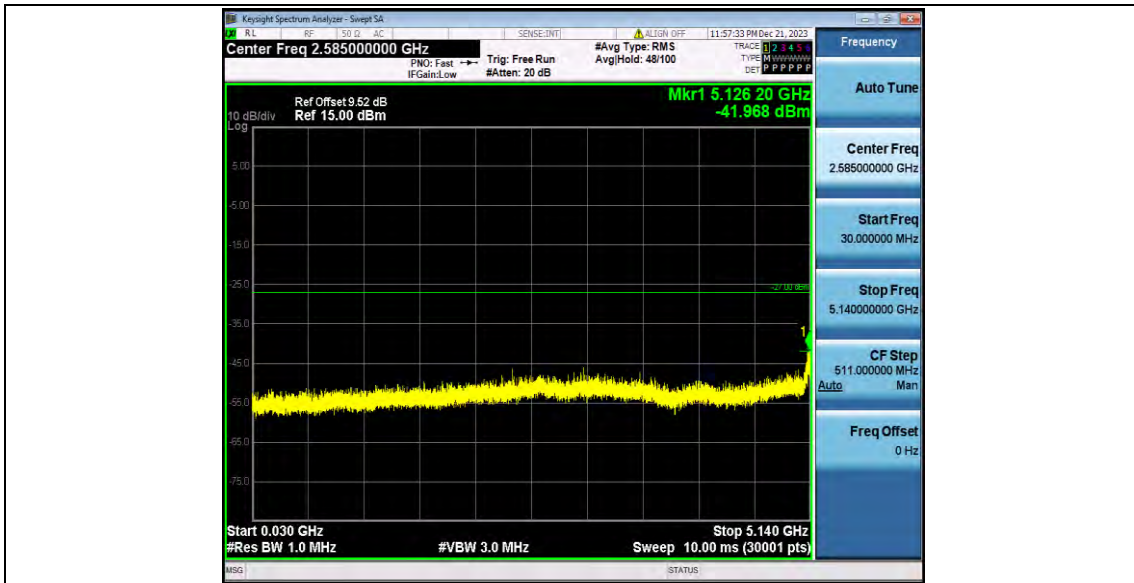
11AX40SISO\_Ant0\_5190\_5360~40000



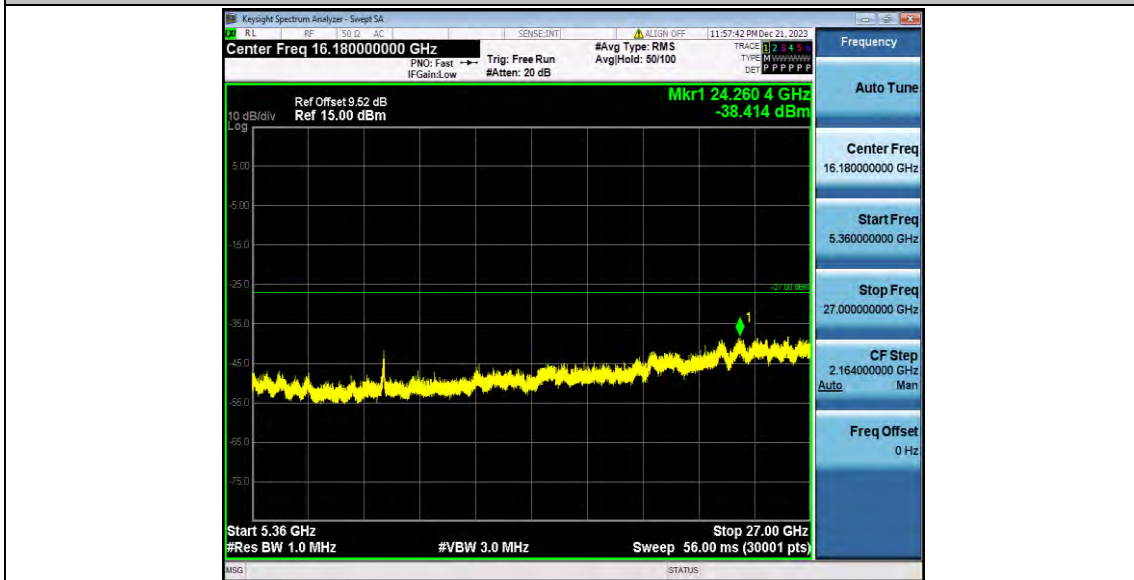
11AX40SISO\_Ant0\_5230\_30~5140



11AX40SISO\_Ant0\_5230\_5360~40000



11AX80SISO\_Ant0\_5210\_30~5140



11AX80SISO\_Ant0\_5210\_5360~40000