

## Appendix G.5: Maximum power spectral density

### Test Result

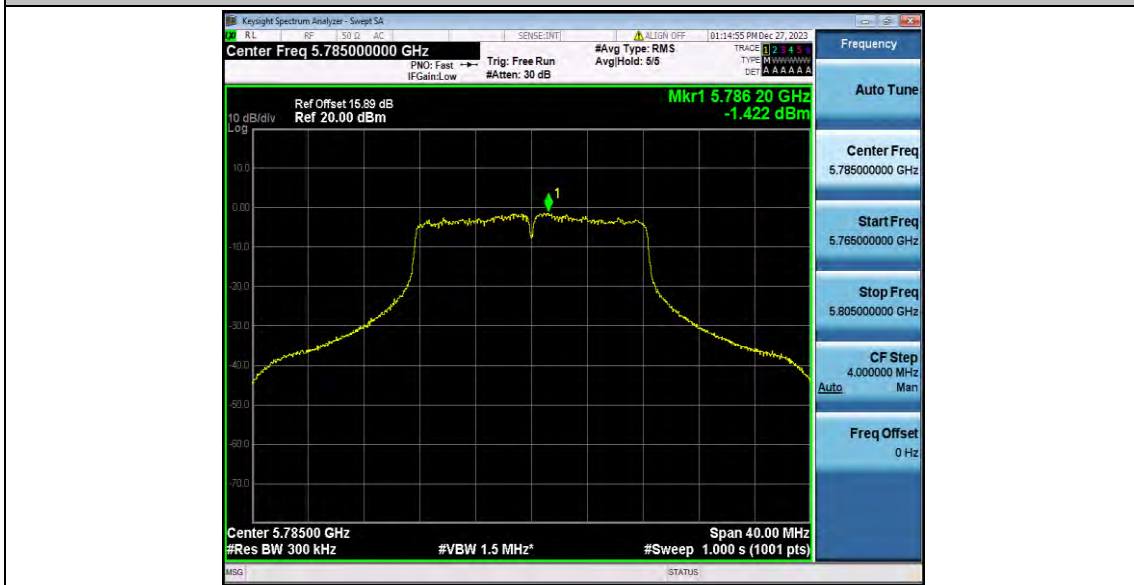
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.25	≤30.00	PASS
		5785	-1.42	≤30.00	PASS
		5825	-0.2	≤30.00	PASS
11N20SISO	Ant1	5745	-0.27	≤30.00	PASS
		5785	0.69	≤30.00	PASS
		5825	1.44	≤30.00	PASS
11N40SISO	Ant1	5755	-4.82	≤30.00	PASS
		5795	-3.7	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.68	≤30.00	PASS
		5785	-1.48	≤30.00	PASS
		5825	-0.8	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.75	≤30.00	PASS
		5795	-3.73	≤30.00	PASS
11AC80SISO	Ant1	5775	-7.54	≤30.00	PASS
11AX20SISO	Ant1	5745	-2.49	≤30.00	PASS
		5785	-1.51	≤30.00	PASS
		5825	-0.84	≤30.00	PASS
11AX40SISO	Ant1	5755	-4.52	≤30.00	PASS
		5795	-3.77	≤30.00	PASS
11AX80SISO	Ant1	5775	-7	≤30.00	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.

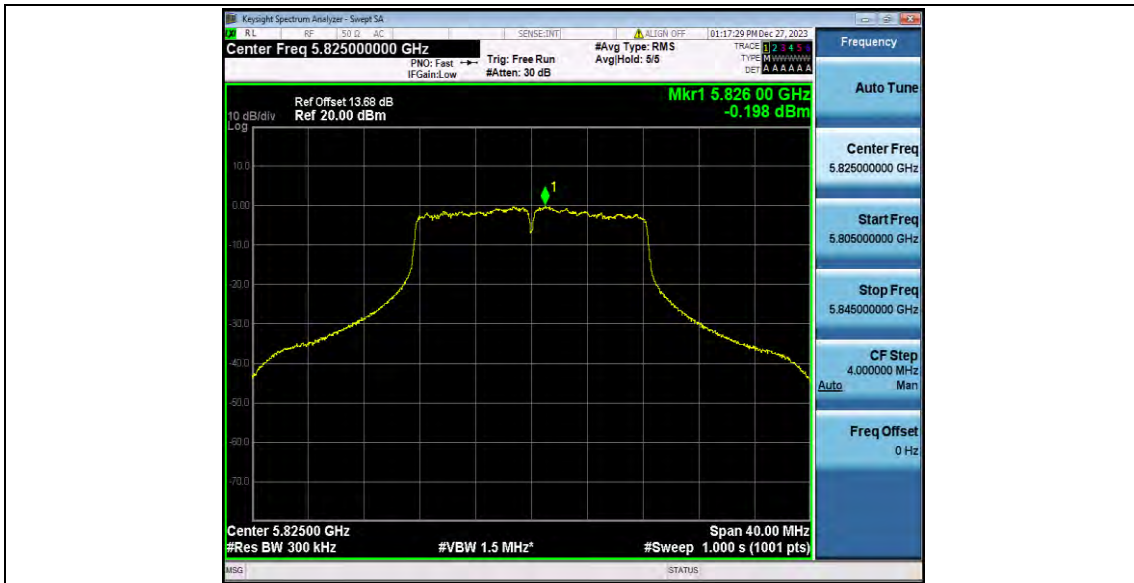
## Test Graphs



11A\_Ant1\_5745



11A\_Ant1\_5785



11A\_Ant1\_5825



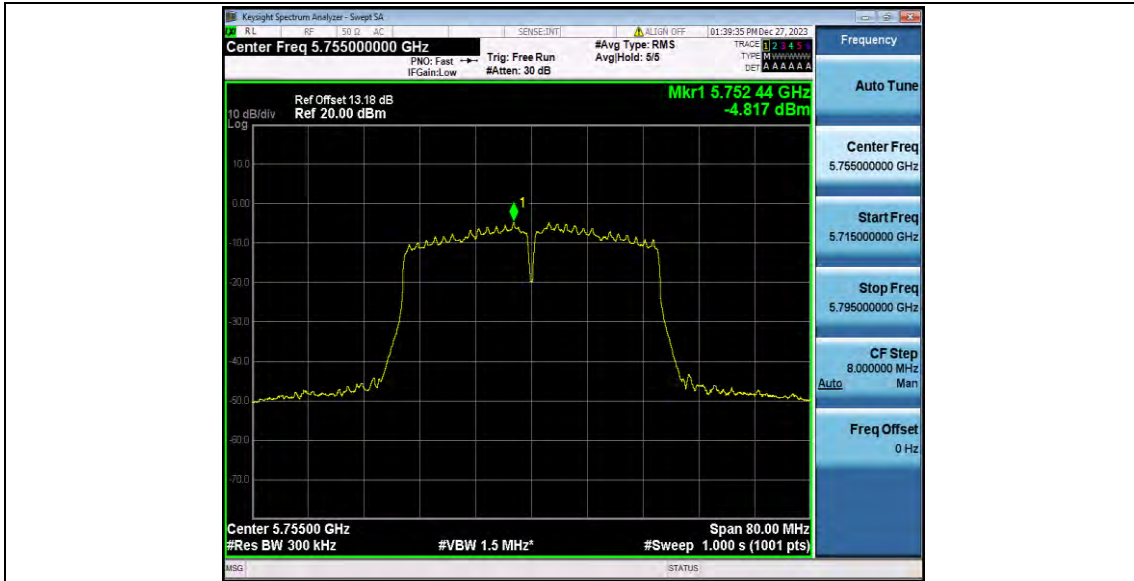
11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745

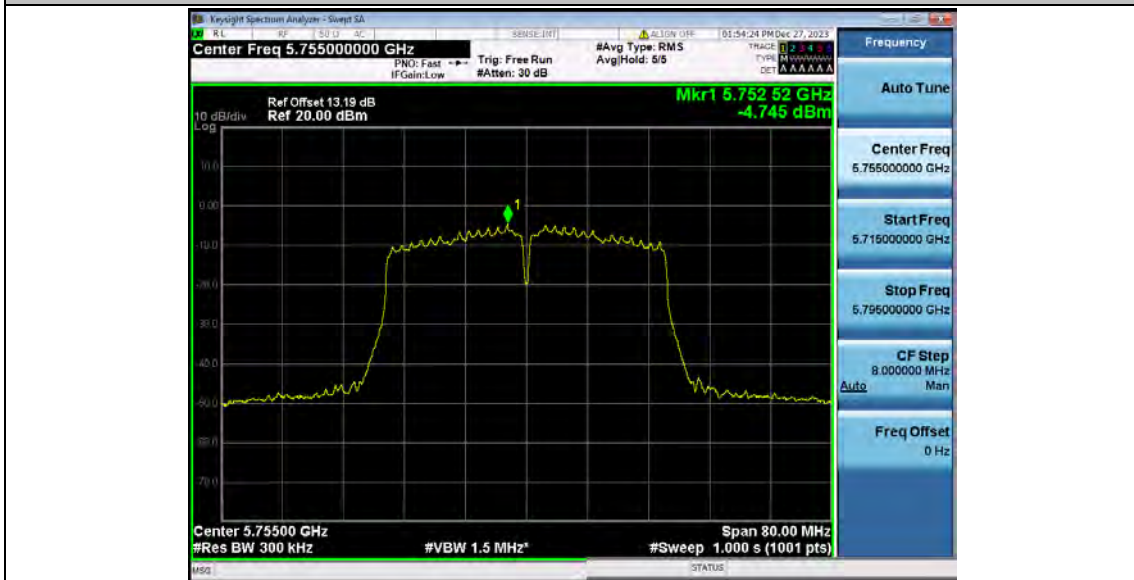


11AC20SISO\_Ant1\_5785





11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5755

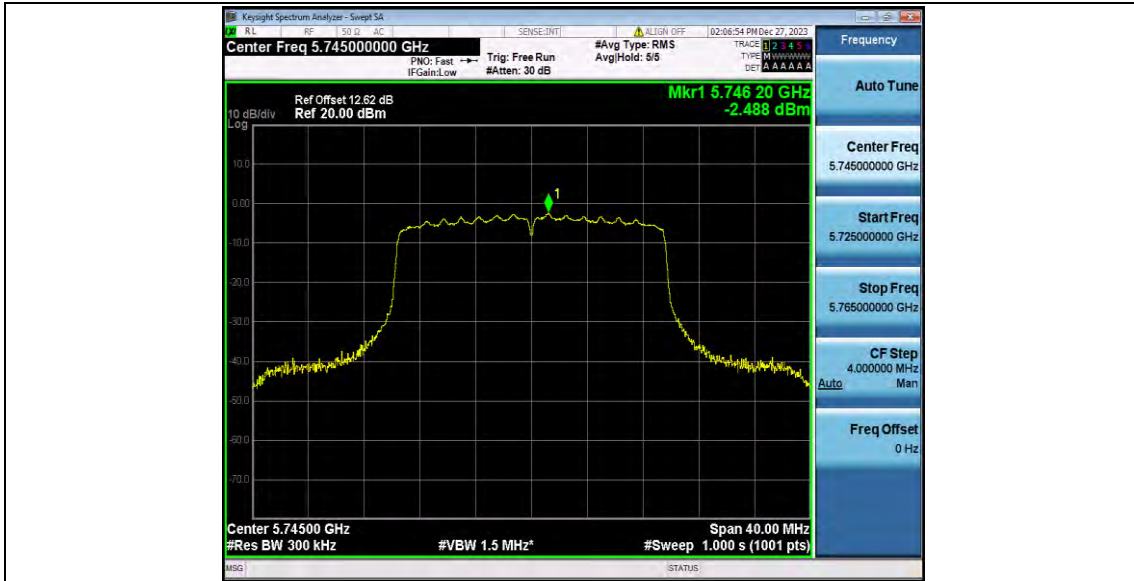


11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775

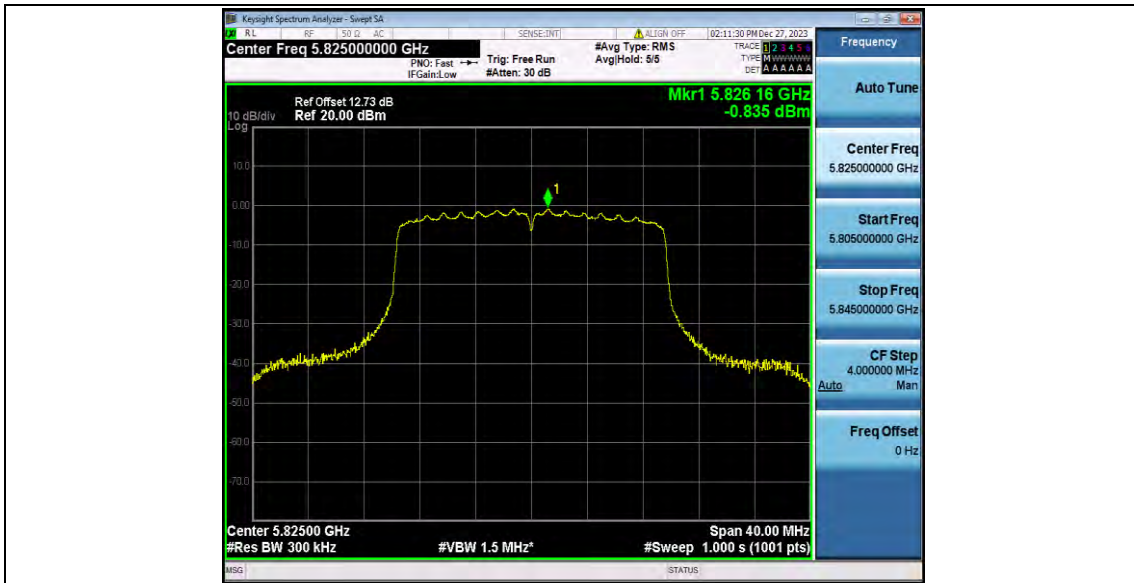




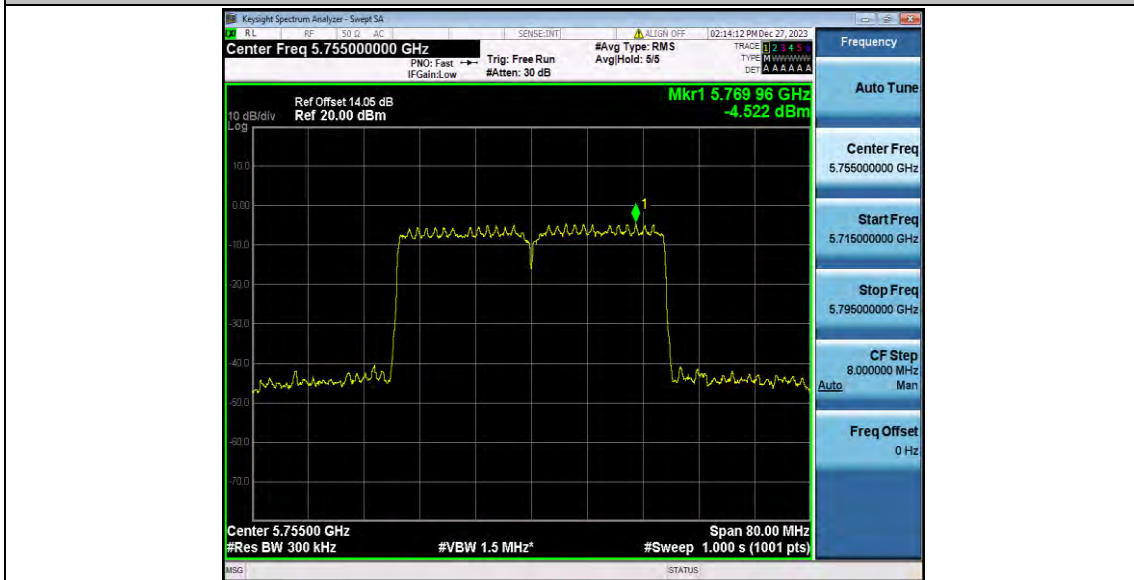
11AX20SISO\_Ant1\_5745



11AX20SISO\_Ant1\_5785



11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775

## Appendix G.6: Band edge measurements

### Test Result B4

TestMode	Antenna	ChName	Frequency[M Hz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.18	≤-26.62	PASS
				5700~5720	-39.25	≤11.89	PASS
				5720~5725	-30.49	≤26.57	PASS
				5760~5650	-39.24	≤-27	PASS
		High	5825	5850~5855	-32.3	≤20.10	PASS
				5855~5875	-35.45	≤10.21	PASS
				5875~5925	-38.62	≤-12.47	PASS
				5925~5935	-39.31	≤-27	PASS
11N20SIS O	Ant1	Low	5745	5650~5700	-36.14	≤8.19	PASS
				5700~5720	-28.41	≤15.47	PASS
				5720~5725	-24.02	≤26.30	PASS
				5760~5650	-39.06	≤-27	PASS
		High	5825	5850~5855	-27.68	≤15.79	PASS
				5855~5875	-31.18	≤10.02	PASS
				5875~5925	-36.78	≤-23.76	PASS
				5925~5935	-38.18	≤-27	PASS
11N40SIS O	Ant1	Low	5755	5650~5700	-38.69	≤7.16	PASS
				5700~5720	-36.77	≤15.50	PASS
				5720~5725	-34.21	≤21.58	PASS
				5780~5650	-39.64	≤-27	PASS
		High	5795	5850~5855	-39.51	≤16.79	PASS
				5855~5875	-38.95	≤14.94	PASS
				5875~5925	-38.42	≤4.46	PASS
				5925~5935	-39.28	≤-27	PASS
11AC20SI SO	Ant1	Low	5745	5650~5700	-37.62	≤2.49	PASS
				5700~5720	-37.34	≤15.43	PASS
				5720~5725	-29.64	≤26.83	PASS
				5760~5650	-38.35	≤-27	PASS
		High	5825	5850~5855	-33.89	≤15.79	PASS
				5855~5875	-35.55	≤10.59	PASS
				5875~5925	-37.98	≤-23.16	PASS
				5925~5935	-38.81	≤-27	PASS
11AC40SI SO	Ant1	Low	5755	5650~5700	-38.95	≤-1.13	PASS
				5700~5720	-36.56	≤15.43	PASS
				5720~5725	-34.43	≤20.35	PASS
				5780~5650	-40.24	≤-27	PASS

		High	5795	5850~5855	-38.22	$\leq 19.42$	PASS
				5855~5875	-38.29	$\leq 11.06$	PASS
				5875~5925	-38.64	$\leq 14.59$	PASS
				5925~5935	-38.69	$\leq 27$	PASS
11AC80SI SO	Ant1	Low	5775	5650~5700	-37.82	$\leq 8.99$	PASS
				5700~5720	-37.42	$\leq 13.65$	PASS
				5720~5725	-36.02	$\leq 22.36$	PASS
				5800~5650	-40.56	$\leq 27$	PASS
		High	5775	5850~5855	-36.75	$\leq 22.54$	PASS
				5855~5875	-35.21	$\leq 14.43$	PASS
				5875~5925	-35.97	$\leq 26.96$	PASS
				5925~5935	-39.17	$\leq 27$	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-35.35	$\leq 6.32$	PASS
				5700~5720	-35.25	$\leq 15.59$	PASS
				5720~5725	-25.38	$\leq 26.83$	PASS
				5760~5650	-38.5	$\leq 27$	PASS
		High	5825	5850~5855	-32.4	$\leq 17.33$	PASS
				5855~5875	-35.58	$\leq 10.51$	PASS
				5875~5925	-36.89	$\leq 23.56$	PASS
				5925~5935	-38.61	$\leq 27$	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-33.39	$\leq 9.26$	PASS
				5700~5720	-28.59	$\leq 14.97$	PASS
				5720~5725	-27.58	$\leq 19.43$	PASS
				5780~5650	-37.84	$\leq 27$	PASS
		High	5795	5850~5855	-33.07	$\leq 16.79$	PASS
				5855~5875	-34.56	$\leq 11.24$	PASS
				5875~5925	-38.52	$\leq 17.15$	PASS
				5925~5935	-39.69	$\leq 27$	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-35.52	$\leq 7.65$	PASS
				5700~5720	-33.38	$\leq 15.30$	PASS
				5720~5725	-34.25	$\leq 26.60$	PASS
				5800~5650	-39.15	$\leq 27$	PASS
		High	5775	5850~5855	-31.99	$\leq 17.48$	PASS
				5855~5875	-32.03	$\leq 13.44$	PASS
				5875~5925	-34.87	$\leq 26.27$	PASS
				5925~5935	-38.79	$\leq 27$	PASS

### Test Graphs B4



11A\_Ant1\_Low\_5745



11A\_Ant1\_High\_5825





11N20SISO\_Ant1\_Low\_5745



11N20SISO\_Ant1\_High\_5825



11N40SISO\_Ant1\_Low\_5755



11N40SISO\_Ant1\_High\_5795



11AC20SISO\_Ant1\_Low\_5745



11AC20SISO\_Ant1\_High\_5825



11AC40SISO\_Ant1\_Low\_5755



11AC40SISO\_Ant1\_High\_5795





11AC80SISO\_Ant1\_Low\_5775



11AC80SISO\_Ant1\_High\_5775



11AX20SISO\_Ant1\_Low\_5745



11AX20SISO\_Ant1\_High\_5825

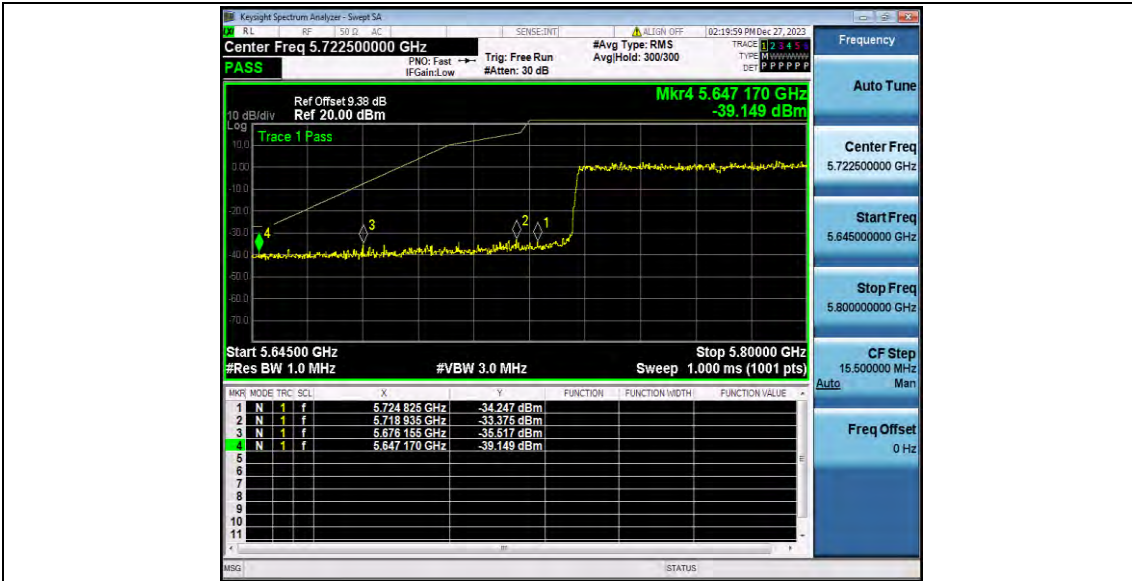




11AX40SISO\_Ant1\_Low\_5755



11AX40SISO\_Ant1\_High\_5795



11AX80SISO\_Ant1\_Low\_5775



11AX80SISO\_Ant1\_High\_5775

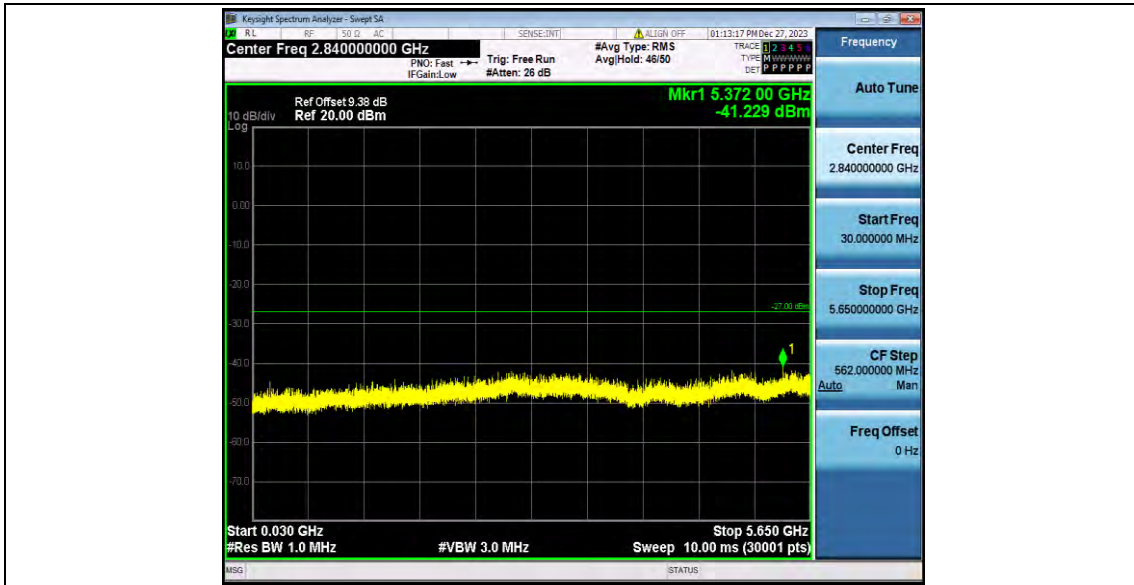
## Appendix G.7: Conducted Spurious Emission

### Test Result

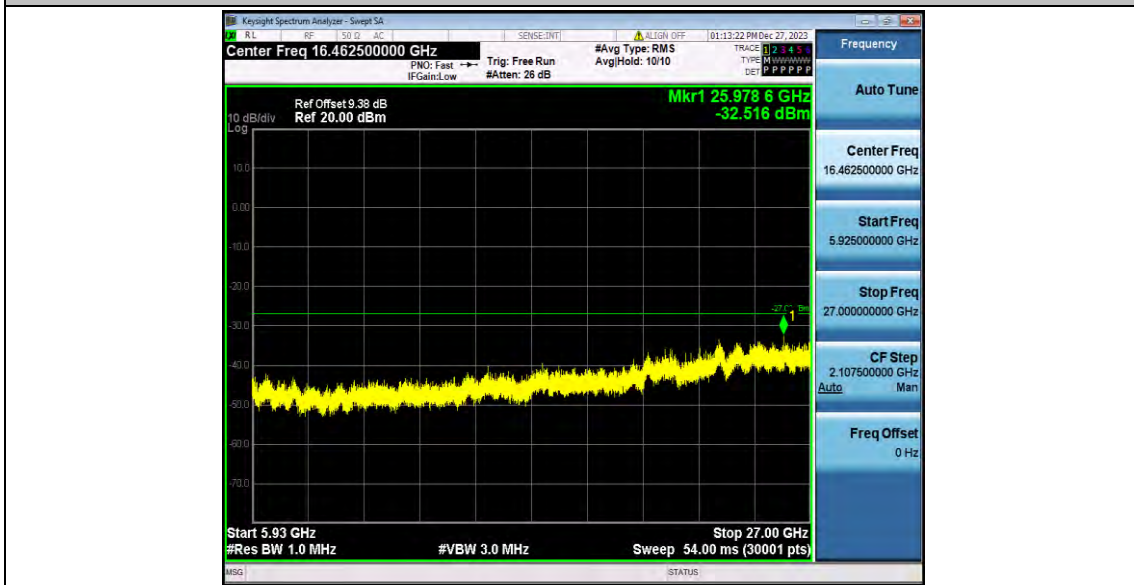
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5372	-41.23	≤-27	PASS
			5925~40000	25978.57	-32.52	≤-27	PASS
		5785	30~5650	3258.32	-40.87	≤-27	PASS
			5925~40000	24194.22	-32.71	≤-27	PASS
		5825	30~5650	3568.35	-41.08	≤-27	PASS
			5925~40000	26010.88	-32.93	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5649.06	-40.59	≤-27	PASS
			5925~40000	24265.17	-32.86	≤-27	PASS
		5785	30~5650	5503.88	-39.93	≤-27	PASS
			5925~40000	24175.25	-32.4	≤-27	PASS
		5825	30~5650	5561.02	-40.26	≤-27	PASS
			5925~40000	26718.3	-32.65	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5068.33	-41.17	≤-27	PASS
			5925~40000	23483.29	-32.22	≤-27	PASS
		5795	30~5650	3208.48	-40.14	≤-27	PASS
			5925~40000	24833.49	-32.5	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2985	-40.65	≤-27	PASS
			5925~40000	24252.52	-32.4	≤-27	PASS
		5785	30~5650	2775.74	-40.39	≤-27	PASS
			5925~40000	26848.96	-32.09	≤-27	PASS
		5825	30~5650	5526.36	-40.11	≤-27	PASS
			5925~40000	24204.05	-32.6	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5508	-40.33	≤-27	PASS
			5925~40000	26548.29	-32.58	≤-27	PASS
		5795	30~5650	3301.78	-40.75	≤-27	PASS
			5925~40000	23573.21	-31.37	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	4825.17	-40.51	≤-27	PASS
			5925~40000	26053.03	-32.37	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5644.57	-41.07	≤-27	PASS
			5925~40000	26529.33	-32.2	≤-27	PASS
		5785	30~5650	5460.98	-39.83	≤-27	PASS
			5925~40000	24315.75	-32.35	≤-27	PASS
		5825	30~5650	4904.79	-40.76	≤-27	PASS
			5925~40000	24360.01	-32.64	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5458.55	-41.01	≤-27	PASS
			5925~40000	26832.1	-32.08	≤-27	PASS

		5795	30~5650	5427.64	-40.11	≤-27	PASS
			5925~40000	24238.47	-31.91	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5620.96	-40.93	≤-27	PASS
			5925~40000	25628.72	-32.73	≤-27	PASS

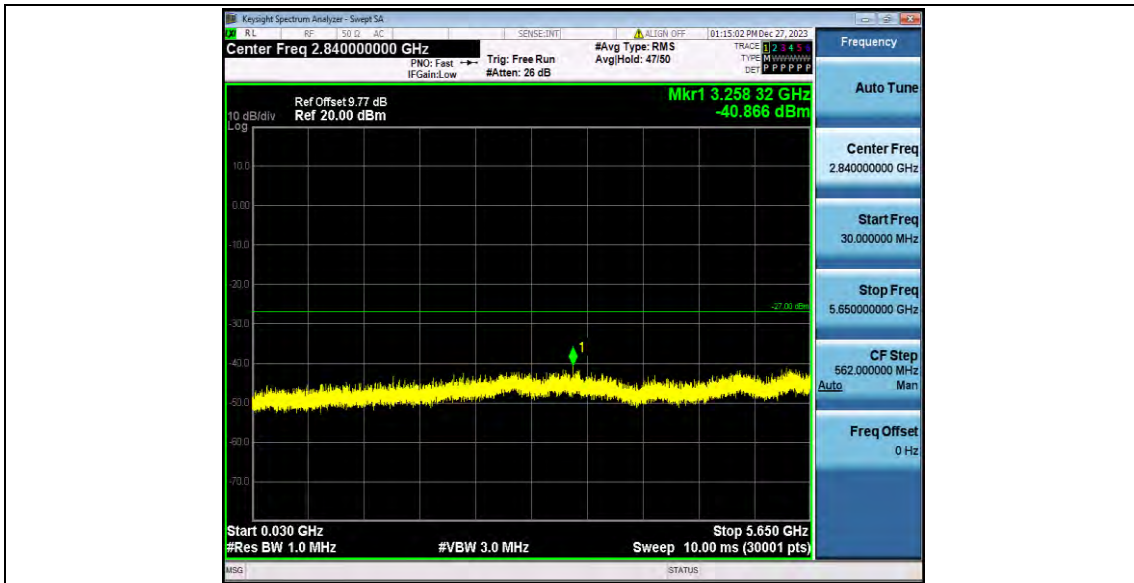
## Test Graphs



11A\_Ant1\_5745\_30~5650



11A\_Ant1\_5745\_5925~40000

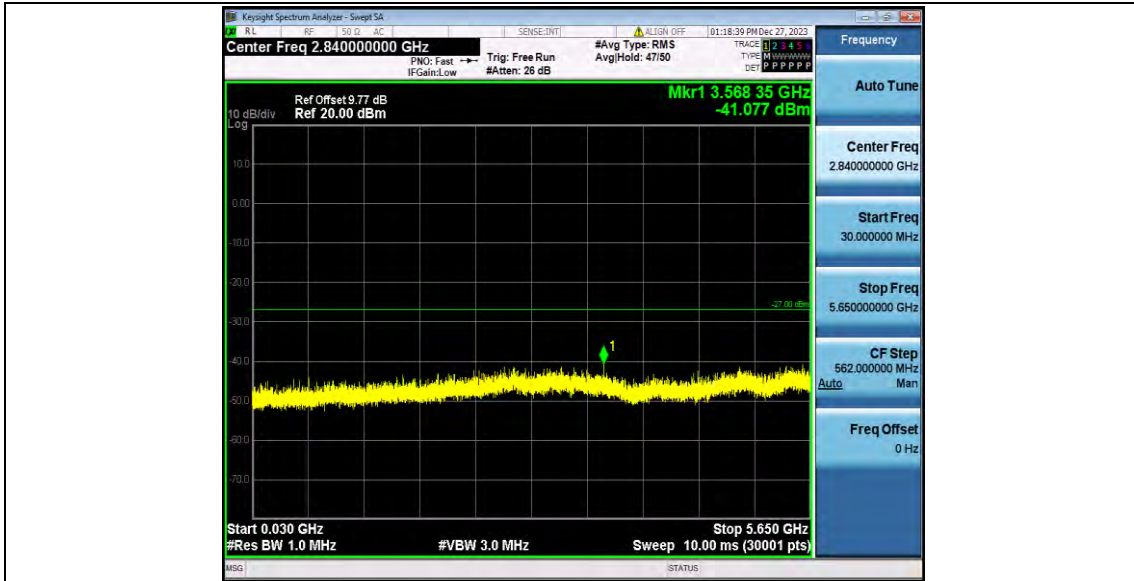


11A\_Ant1\_5785\_30~5650



11A\_Ant1\_5785\_5925~40000





11A\_Ant1\_5825\_30~5650



11A\_Ant1\_5825\_5925~40000



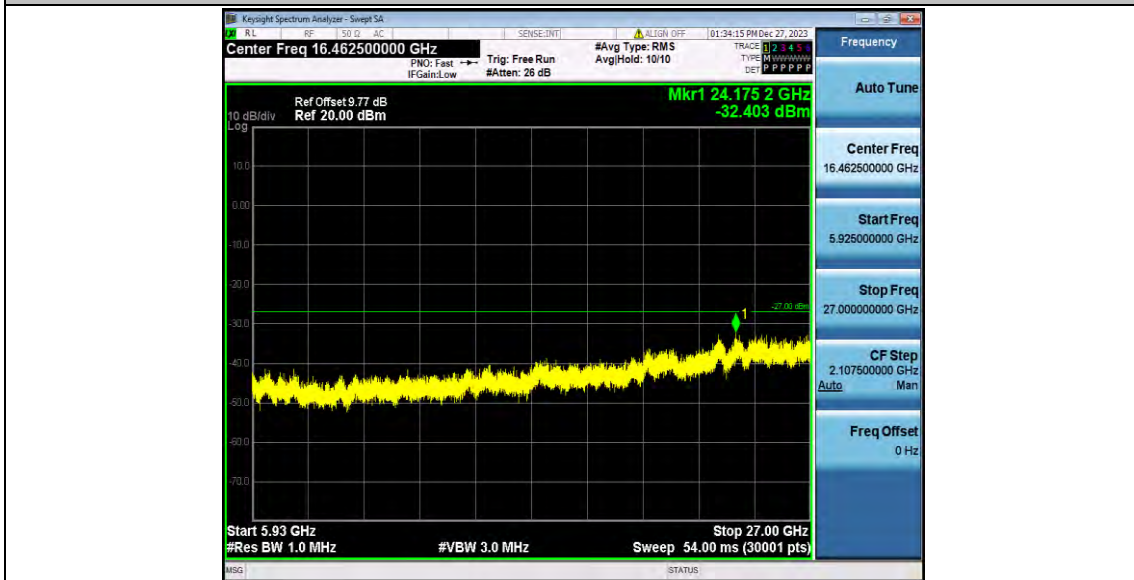
11N20SISO\_Ant1\_5745\_30~5650



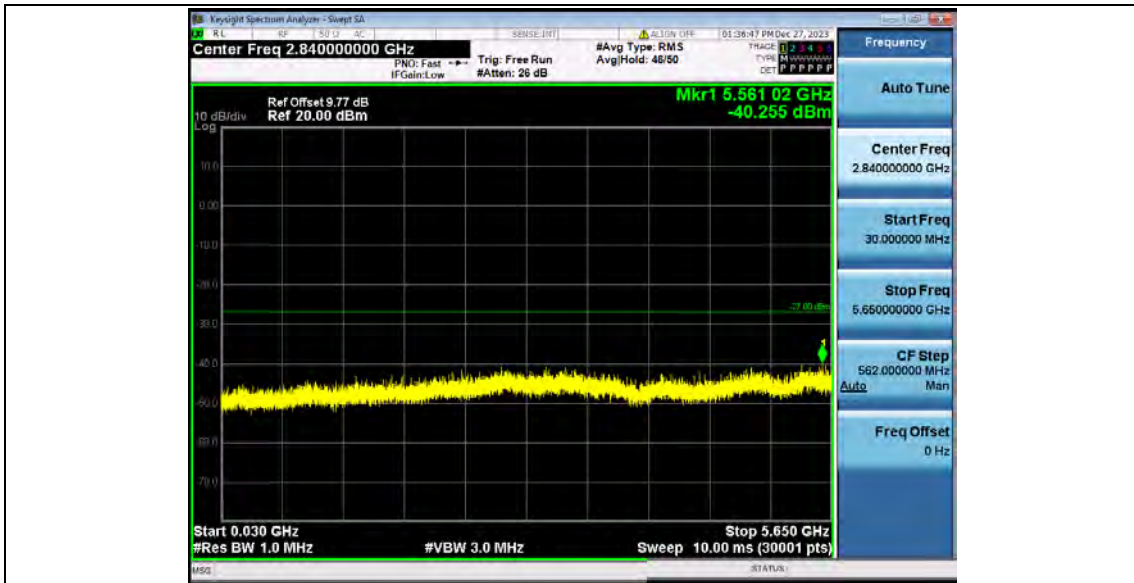
11N20SISO\_Ant1\_5745\_5925~40000



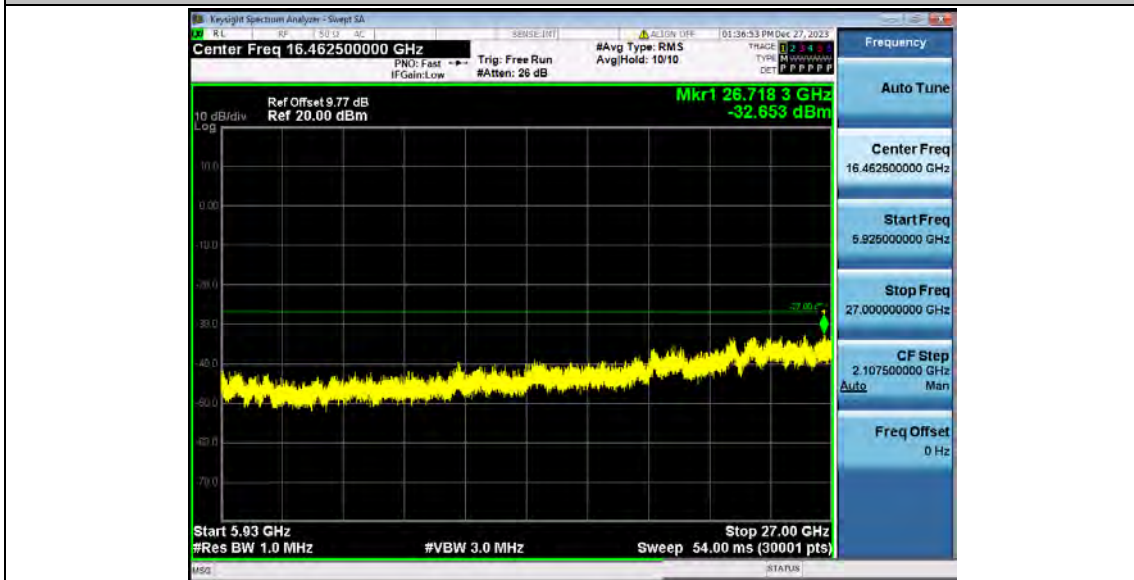
11N20SISO\_Ant1\_5785\_30~5650



11N20SISO\_Ant1\_5785\_5925~40000



11N20SISO\_Ant1\_5825\_30~5650



11N20SISO\_Ant1\_5825\_5925~40000

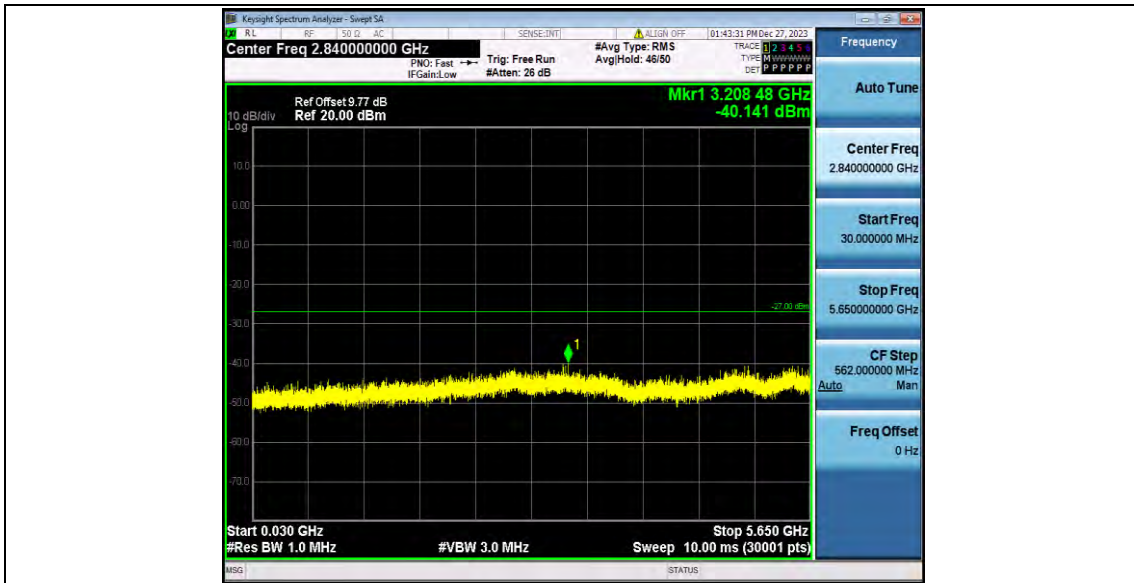


11N40SISO\_Ant1\_5755\_30~5650



11N40SISO\_Ant1\_5755\_5925~40000



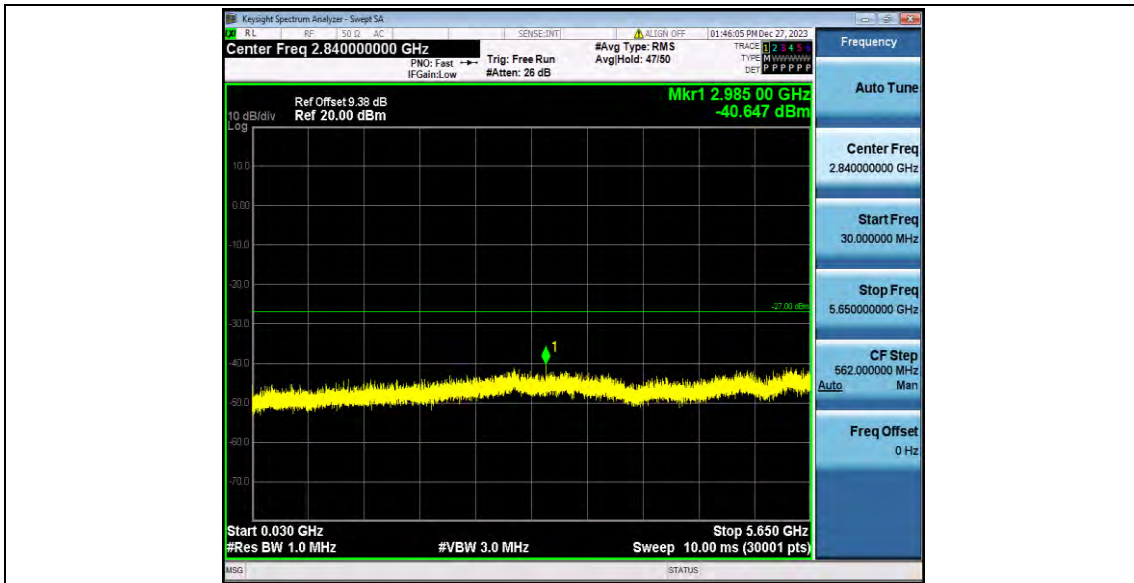


11N40SISO\_Ant1\_5795\_30~5650

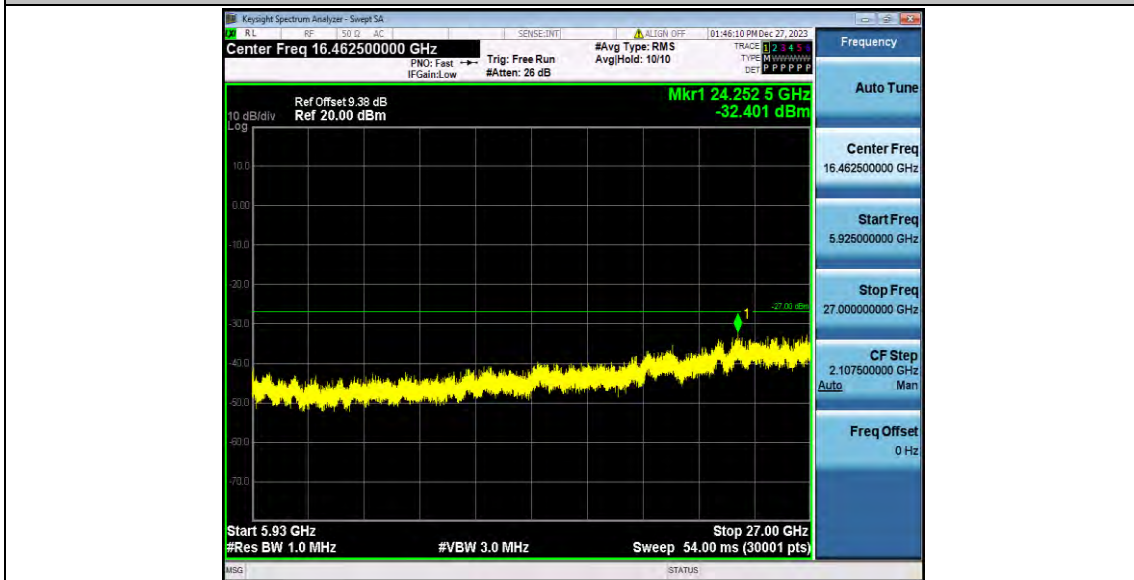


11N40SISO\_Ant1\_5795\_5925~40000

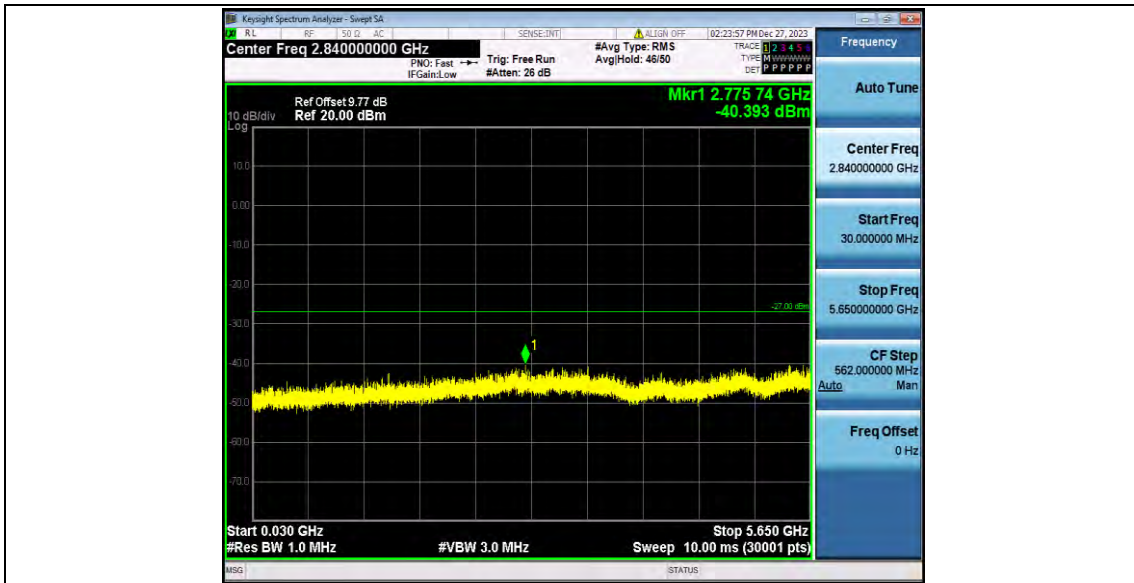




11AC20SISO\_Ant1\_5745\_30~5650



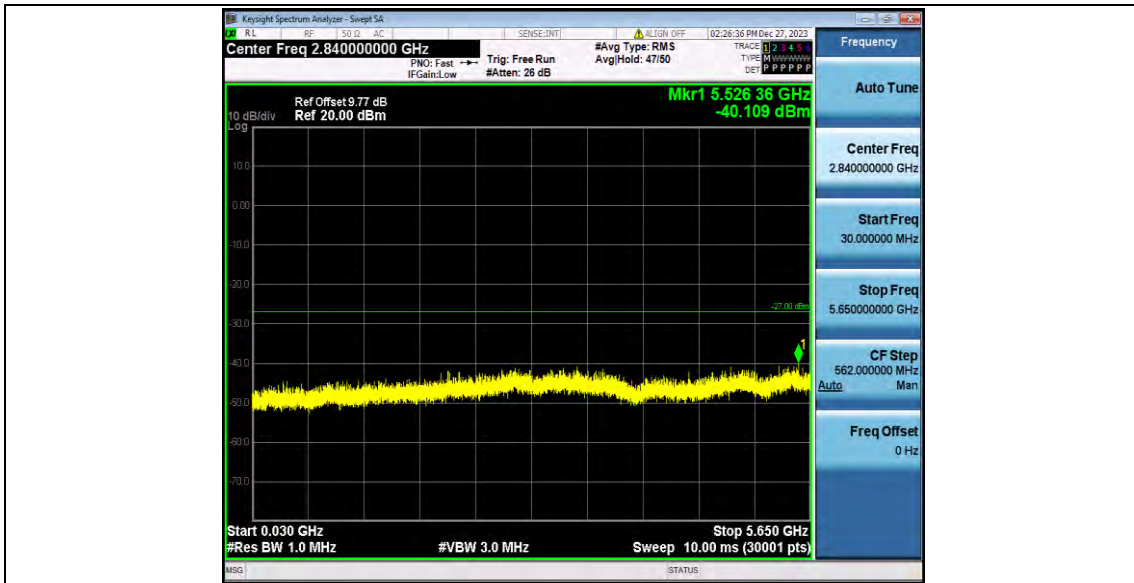
11AC20SISO\_Ant1\_5745\_5925~40000



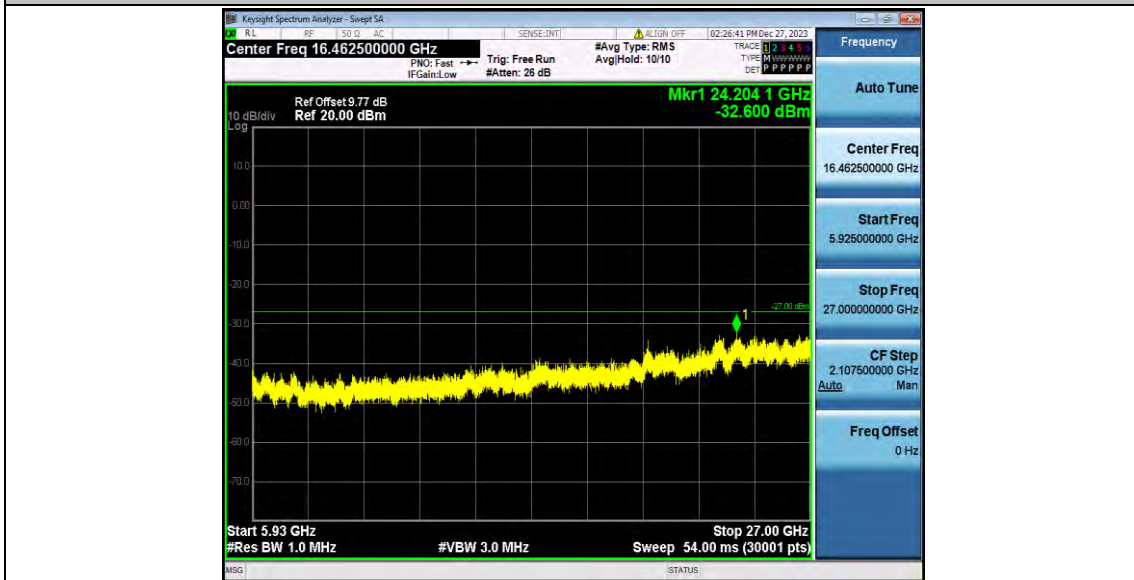
11AC20SISO\_Ant1\_5785\_30~5650



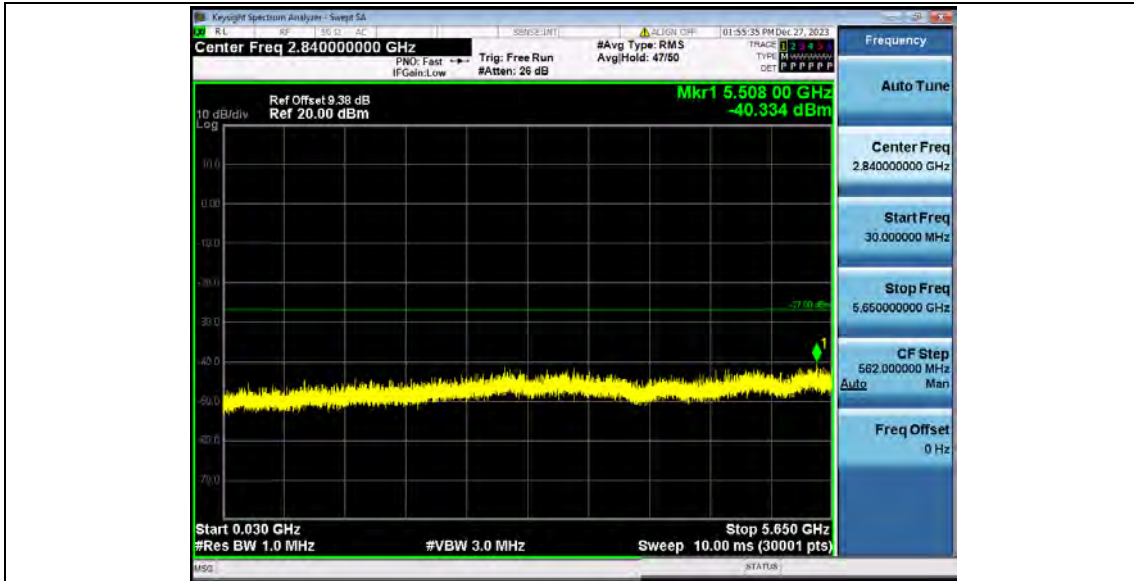
11AC20SISO\_Ant1\_5785\_5925~40000



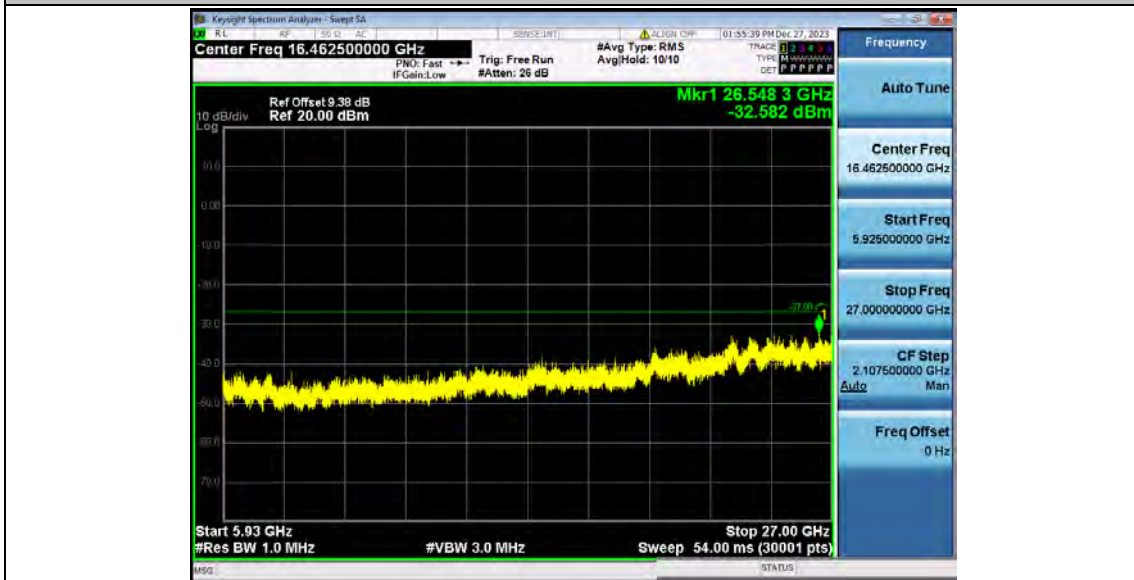
11AC20SISO\_Ant1\_5825\_30~5650



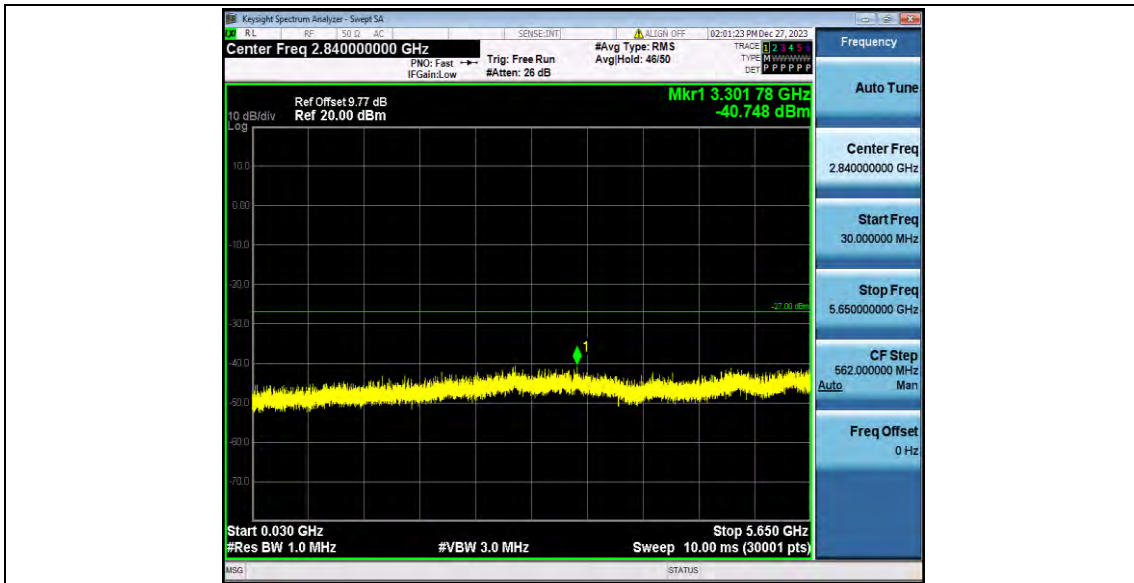
11AC20SISO\_Ant1\_5825\_5925~40000



11AC40SISO\_Ant1\_5755\_30~5650



11AC40SISO\_Ant1\_5755\_5925~40000



11AC40SISO\_Ant1\_5795\_30~5650



11AC40SISO\_Ant1\_5795\_5925~40000



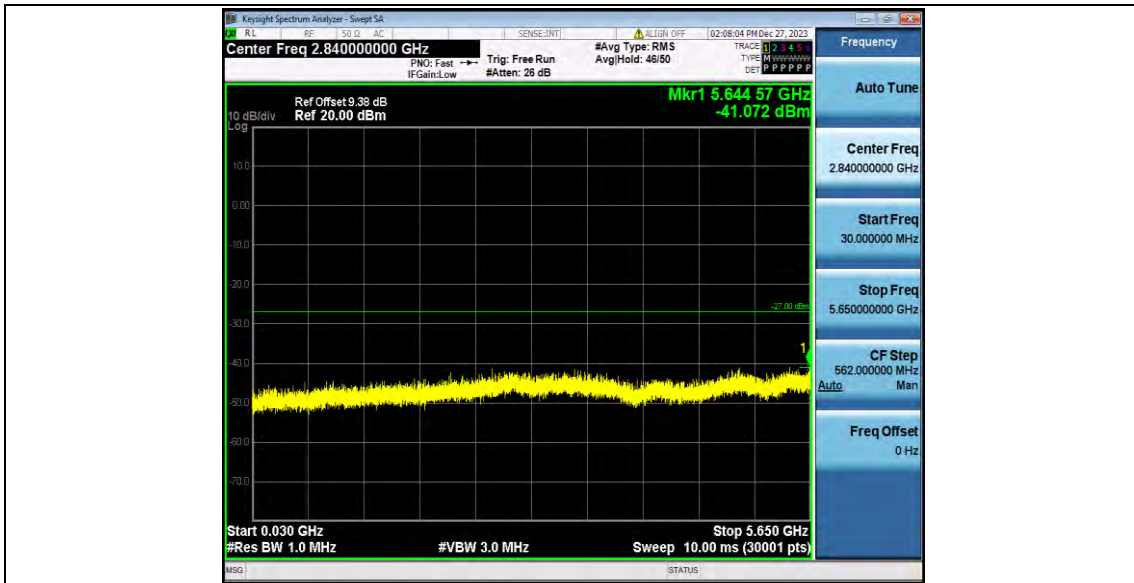


11AC80SISO\_Ant1\_5775\_30~5650



11AC80SISO\_Ant1\_5775\_5925~40000

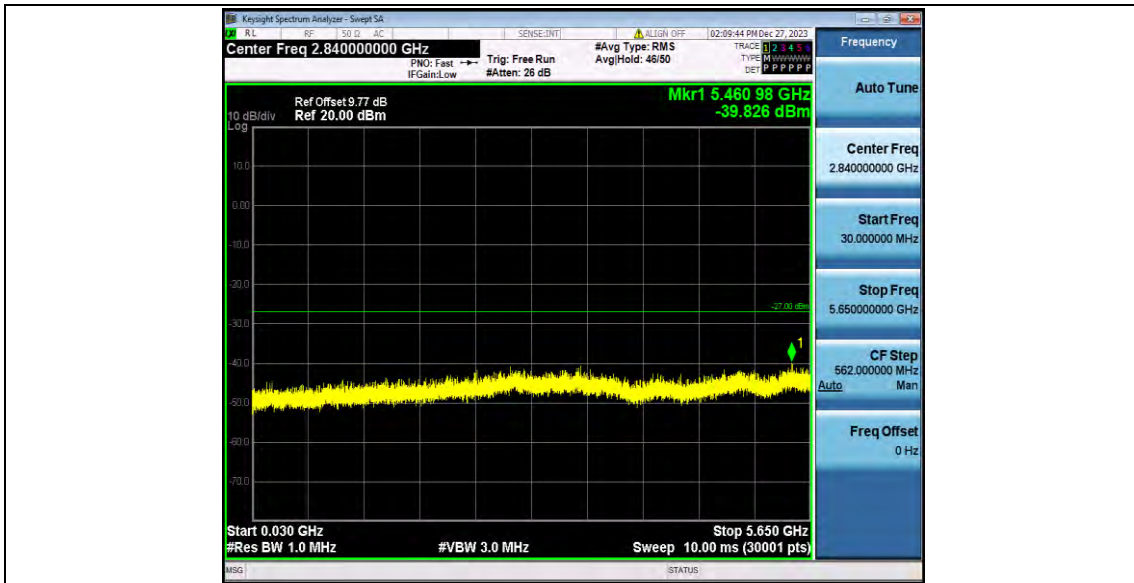




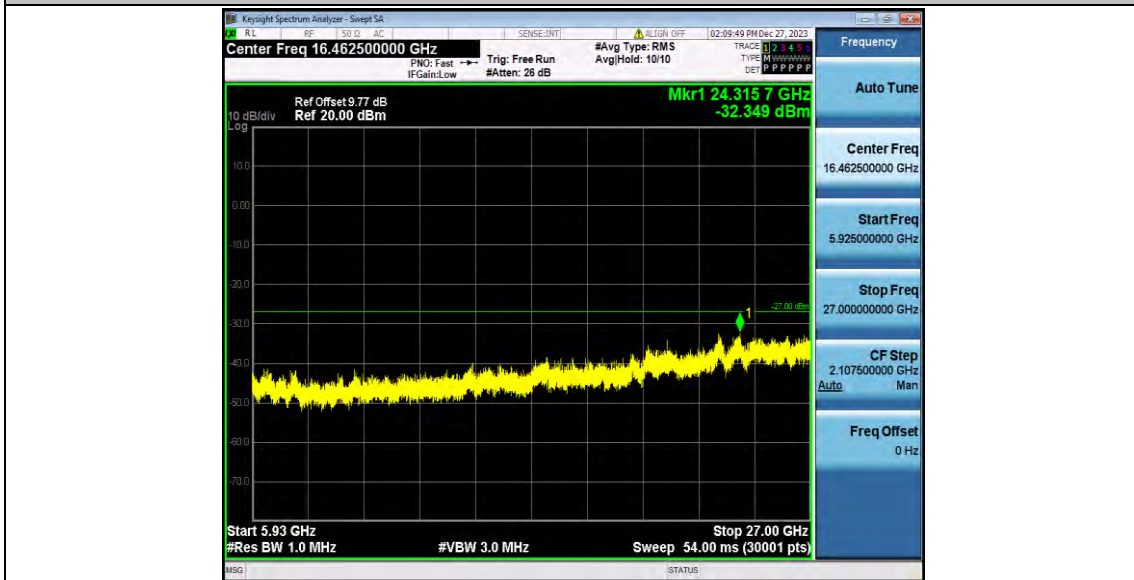
11AX20SISO\_Ant1\_5745\_30~5650



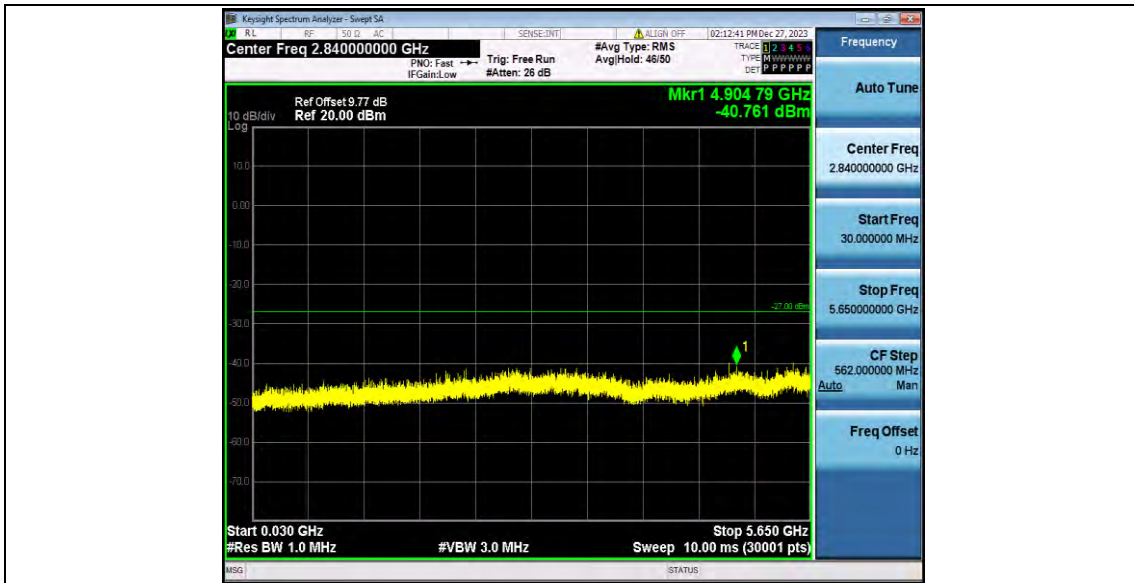
11AX20SISO\_Ant1\_5745\_5925~40000



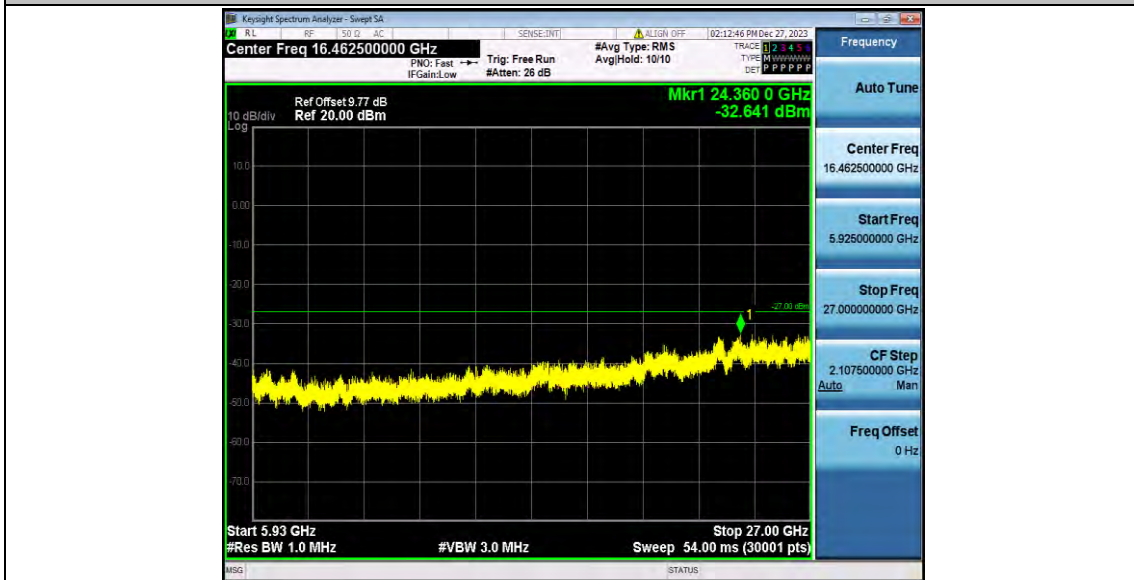
11AX20SISO\_Ant1\_5785\_30~5650



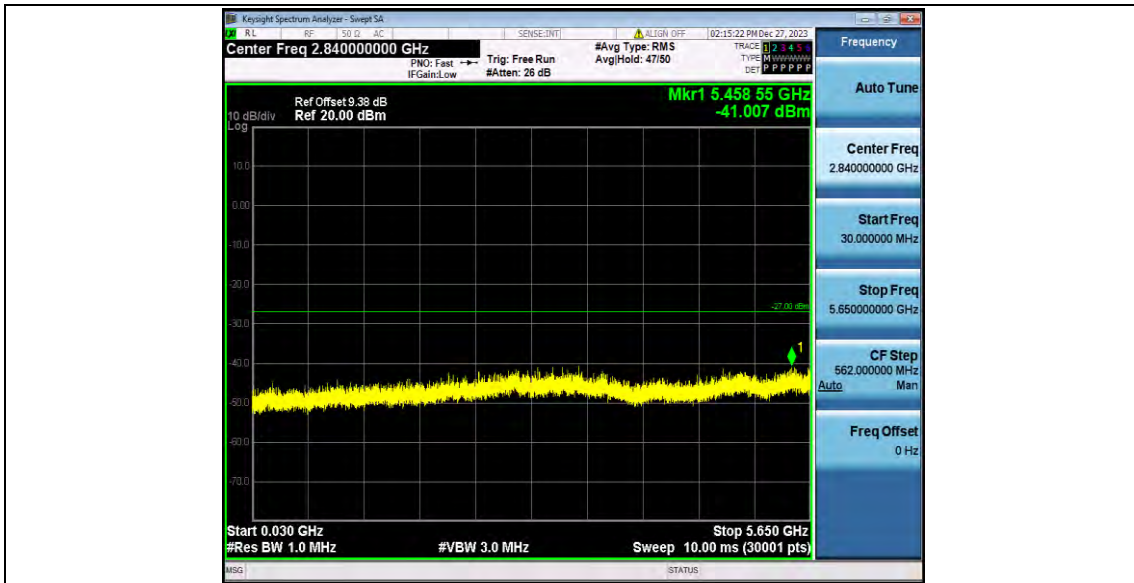
11AX20SISO\_Ant1\_5785\_5925~40000



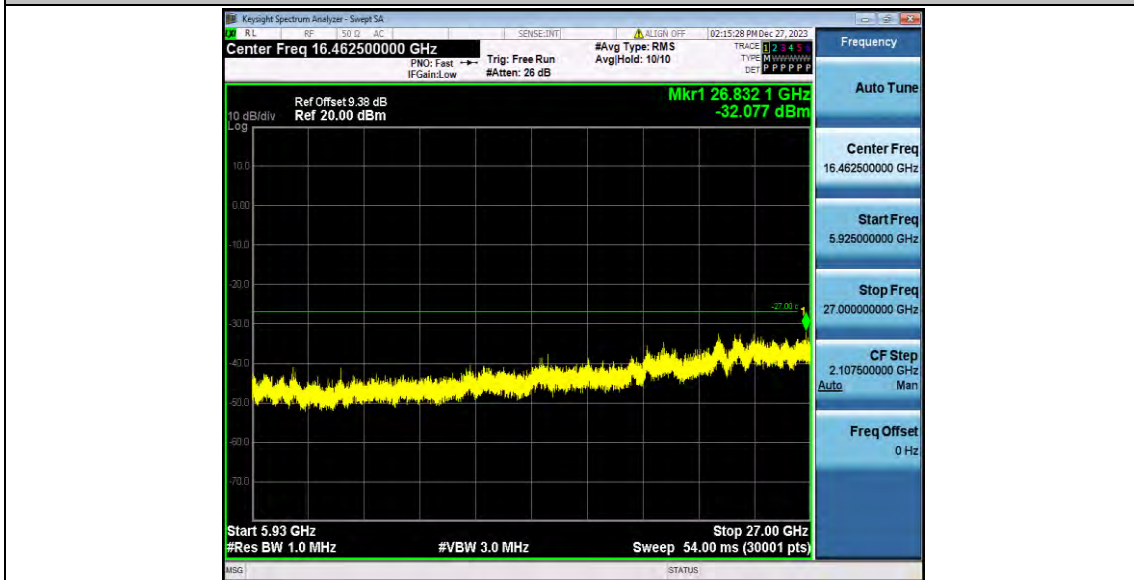
11AX20SISO\_Ant1\_5825\_30~5650



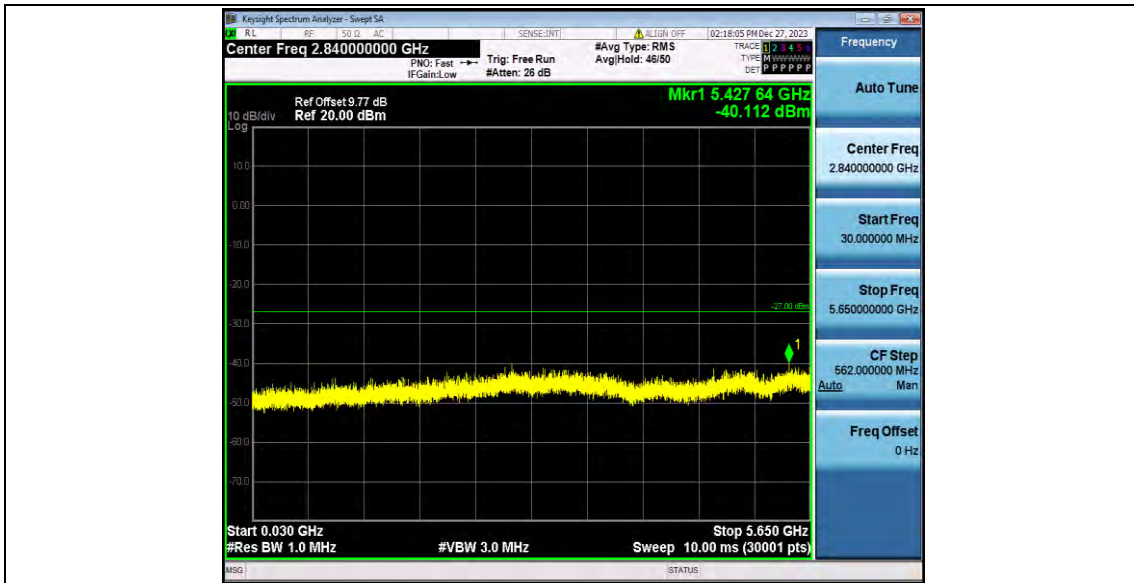
11AX20SISO\_Ant1\_5825\_5925~40000



11AX40SISO\_Ant1\_5755\_30~5650



11AX40SISO\_Ant1\_5755\_5925~40000



11AX40SISO\_Ant1\_5795\_30~5650



11AX40SISO\_Ant1\_5795\_5925~40000





11AX80SISO\_Ant1\_5775\_30~5650



11AX80SISO\_Ant1\_5775\_5925~40000