

## Appendix G.4: Maximum conducted output power

### Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	14.07	97.65	0.10	14.17	≤30.00	PASS
		5785	14.33	97.65	0.10	14.43	≤30.00	PASS
		5825	14.93	98.12	0.08	15.01	≤30.00	PASS
11N20SISO	Ant2	5745	14.11	98.76	0.05	14.16	≤30.00	PASS
		5785	14.31	98.76	0.05	14.36	≤30.00	PASS
		5825	15.10	99.00	0.04	15.14	≤30.00	PASS
11N40SISO	Ant2	5755	14.17	99.00	0.04	14.21	≤30.00	PASS
		5795	14.68	98.76	0.05	14.73	≤30.00	PASS
11AC20SISO	Ant2	5745	14.25	98.75	0.05	14.30	≤30.00	PASS
		5785	14.56	98.75	0.05	14.61	≤30.00	PASS
		5825	15.29	98.75	0.05	15.34	≤30.00	PASS
11AC40SISO	Ant2	5755	14.26	98.75	0.05	14.31	≤30.00	PASS
		5795	14.66	99.00	0.04	14.70	≤30.00	PASS
11AC80SISO	Ant2	5775	14.47	98.76	0.05	14.52	≤30.00	PASS
11AX20SISO	Ant2	5745	14.10	99.00	0.04	14.14	≤30.00	PASS
		5785	14.33	98.75	0.05	14.38	≤30.00	PASS
		5825	15.15	99.00	0.04	15.19	≤30.00	PASS
11AX40SISO	Ant2	5755	14.00	98.75	0.05	14.05	≤30.00	PASS
		5795	14.32	98.75	0.05	14.37	≤30.00	PASS
11AX80SISO	Ant2	5775	14.14	98.75	0.05	14.19	≤30.00	PASS

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

## Appendix G.5: Maximum power spectral density

### Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-0.21	≤30.00	PASS
		5785	-0.08	≤30.00	PASS
		5825	0.52	≤30.00	PASS
11N20SISO	Ant2	5745	-0.67	≤30.00	PASS
		5785	-0.44	≤30.00	PASS
		5825	0.28	≤30.00	PASS
11N40SISO	Ant2	5755	-3.37	≤30.00	PASS
		5795	-2.81	≤30.00	PASS
11AC20SISO	Ant2	5745	-0.66	≤30.00	PASS
		5785	-0.33	≤30.00	PASS
		5825	0.32	≤30.00	PASS
11AC40SISO	Ant2	5755	-3.42	≤30.00	PASS
		5795	-2.96	≤30.00	PASS
11AC80SISO	Ant2	5775	-5.57	≤30.00	PASS
11AX20SISO	Ant2	5745	-1.25	≤30.00	PASS
		5785	-0.9	≤30.00	PASS
		5825	-0.27	≤30.00	PASS
11AX40SISO	Ant2	5755	-4.05	≤30.00	PASS
		5795	-3.56	≤30.00	PASS
11AX80SISO	Ant2	5775	-6.04	≤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\_Ant2\_5745



11A\_Ant2\_5785



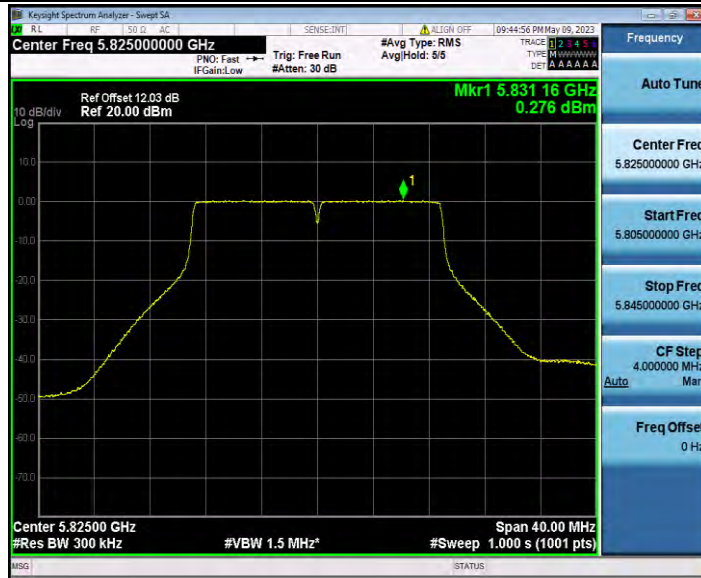
11A\_Ant2\_5825



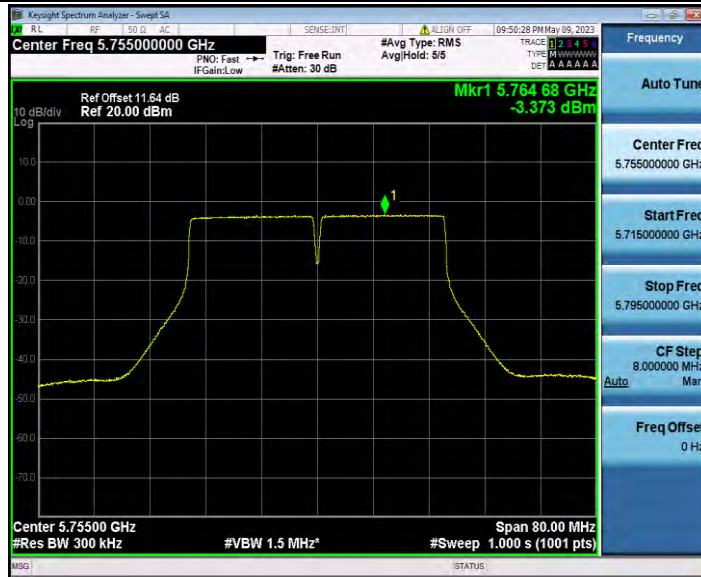
11N20SISO\_Ant2\_5745



11N20SISO\_Ant2\_5785



11N20SISO\_Ant2\_5825



11N40SISO\_Ant2\_5755



11N40SISO\_Ant2\_5795



11A20SISO\_Ant2\_5745





11AC20SISO\_Ant2\_5785



11AC20SISO\_Ant2\_5825



11AC40SISO\_Ant2\_5755



11AC40SISO\_Ant2\_5795

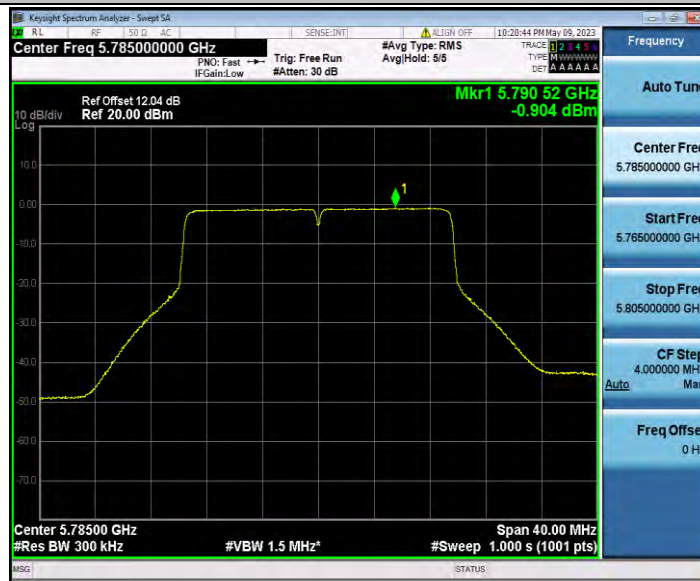


11AC80SISO\_Ant2\_5775





11AX20SISO\_Ant2\_5745



11AX20SISO\_Ant2\_5785



11AX20SISO\_Ant2\_5825



11AX40SISO\_Ant2\_5755



11AX40SISO\_Ant2\_5795



11AX80SISO\_Ant2\_5775

## Appendix G.6: Band edge measurements

### Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-39.12	≤8.36	PASS
				5700~5720	-37.33	≤14.50	PASS
				5720~5725	-35.69	≤24.21	PASS
				5760~5650	-39.28	≤-27	PASS
		High	5825	5850~5855	-36.52	≤20.72	PASS
				5855~5875	-36.45	≤10.78	PASS
				5875~5925	-37.74	≤2.02	PASS
				5925~5935	-38.33	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-38.76	≤-0.74	PASS
				5700~5720	-37.77	≤14.47	PASS
				5720~5725	-36.69	≤26.30	PASS
				5760~5650	-40.05	≤-27	PASS
		High	5825	5850~5855	-32.55	≤17.03	PASS
				5855~5875	-36.99	≤10.78	PASS
				5875~5925	-37.83	≤-24.26	PASS
				5925~5935	-38.64	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-37.6	≤8.36	PASS
				5700~5720	-30.44	≤14.52	PASS
				5720~5725	-29.83	≤15.74	PASS
				5780~5650	-39.85	≤-27	PASS
		High	5795	5850~5855	-37.51	≤16.03	PASS
				5855~5875	-37.67	≤10.18	PASS
				5875~5925	-37.71	≤2.99	PASS
				5925~5935	-38.64	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-38.12	≤-9.51	PASS
				5700~5720	-38.28	≤15.14	PASS
				5720~5725	-36.7	≤22.63	PASS
				5760~5650	-39.81	≤-27	PASS
		High	5825	5850~5855	-31.94	≤16.72	PASS
				5855~5875	-33.67	≤10.55	PASS
				5875~5925	-38.07	≤-25.06	PASS
				5925~5935	-38.24	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-38.49	≤9.46	PASS
				5700~5720	-32.02	≤14.79	PASS
				5720~5725	-32.61	≤25.89	PASS
				5780~5650	-40.3	≤-27	PASS

		High	5795	5850~5855	-36.7	$\leq 26.94$	PASS
				5855~5875	-37.15	$\leq 10.82$	PASS
				5875~5925	-38.06	$\leq -24.24$	PASS
				5925~5935	-37.77	$\leq -27$	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-36.69	$\leq 5.77$	PASS
				5700~5720	-35.16	$\leq 15.08$	PASS
				5720~5725	-32.82	$\leq 26.60$	PASS
				5800~5650	-38.6	$\leq -27$	PASS
	High	5775	5850~5855	-33.66	$\leq 17.90$	PASS	
			5855~5875	-35.09	$\leq 11.47$	PASS	
			5875~5925	-37.65	$\leq -26.13$	PASS	
			5925~5935	-38.52	$\leq -27$	PASS	
11AX20SI SO	Ant2	Low	5745	5650~5700	-38.61	$\leq -2.96$	PASS
				5700~5720	-37.88	$\leq 15.01$	PASS
				5720~5725	-33.93	$\leq 21.32$	PASS
				5760~5650	-39.87	$\leq -27$	PASS
	High	5825	5850~5855	-28.72	$\leq 16.72$	PASS	
			5855~5875	-37.46	$\leq 10.85$	PASS	
			5875~5925	-38.41	$\leq 6.51$	PASS	
			5925~5935	-38.78	$\leq -27$	PASS	
11AX40SI SO	Ant2	Low	5755	5650~5700	-37.93	$\leq 9.66$	PASS
				5700~5720	-30.22	$\leq 14.90$	PASS
				5720~5725	-30.87	$\leq 20.05$	PASS
				5780~5650	-39.32	$\leq -27$	PASS
	High	5795	5850~5855	-38.32	$\leq 25.81$	PASS	
			5855~5875	-37.66	$\leq 11.29$	PASS	
			5875~5925	-37.04	$\leq 0.79$	PASS	
			5925~5935	-37.87	$\leq -27$	PASS	
11AX80SI SO	Ant2	Low	5775	5650~5700	-36.1	$\leq 0.15$	PASS
				5700~5720	-35.06	$\leq 15.26$	PASS
				5720~5725	-33.82	$\leq 25.54$	PASS
				5800~5650	-38.87	$\leq -27$	PASS
	High	5775	5850~5855	-35.37	$\leq 19.17$	PASS	
			5855~5875	-35.58	$\leq 10.44$	PASS	
			5875~5925	-37.47	$\leq -16.14$	PASS	
			5925~5935	-38.78	$\leq -27$	PASS	

### Test Graphs B4



11A\_Ant2\_Low\_5745



11A\_Ant2\_High\_5825





11N20SISO\_Ant2\_Low\_5745



11N20SISO\_Ant2\_High\_5825



11N40SISO\_Ant2\_Low\_5755



11N40SISO\_Ant2\_High\_5795



11AC20SISO\_Ant2\_Low\_5745



11AC20SISO\_Ant2\_High\_5825



11AC40SISO\_Ant2\_Low\_5755





11AC40SISO\_Ant2\_High\_5795



11AC80SISO\_Ant2\_Low\_5775



11AC80SISO\_Ant2\_High\_5775



11AX20SISO\_Ant2\_Low\_5745



11AX20SISO\_Ant2\_High\_5825





11AX40SISO\_Ant2\_Low\_5755



11AX40SISO\_Ant2\_High\_5795



11AX80SISO\_Ant2\_Low\_5775



11AX80SISO\_Ant2\_High\_5775

## Appendix G.7: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	4939.82	-40.47	≤-27	PASS
			5925~40000	24203.35	-32.22	≤-27	PASS
		5785	30~5650	5461.17	-40.73	≤-27	PASS
			5925~40000	25646.28	-31.87	≤-27	PASS
		5825	30~5650	5382.86	-40.13	≤-27	PASS
			5925~40000	24294.67	-31.28	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5424.08	-40.94	≤-27	PASS
			5925~40000	24237.77	-31.88	≤-27	PASS
		5785	30~5650	5646.82	-40.49	≤-27	PASS
			5925~40000	24718.98	-31.45	≤-27	PASS
		5825	30~5650	4972.04	-40.26	≤-27	PASS
			5925~40000	26937.48	-32.34	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5464.17	-40.66	≤-27	PASS
			5925~40000	26831.4	-32.27	≤-27	PASS
		5795	30~5650	4918.65	-40.53	≤-27	PASS
			5925~40000	24367.73	-32.29	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	5491.89	-40.91	≤-27	PASS
			5925~40000	24126.78	-32.58	≤-27	PASS
		5785	30~5650	5625.08	-40.13	≤-27	PASS
			5925~40000	24274.3	-31.58	≤-27	PASS
		5825	30~5650	3135.61	-39.94	≤-27	PASS
			5925~40000	24303.81	-31.91	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5613.47	-39.59	≤-27	PASS
			5925~40000	24788.53	-32.61	≤-27	PASS
		5795	30~5650	5435.32	-40.59	≤-27	PASS
			5925~40000	26164.73	-32.52	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5644.75	-41.1	≤-27	PASS
			5925~40000	26787.85	-32.44	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	5618.34	-41.2	≤-27	PASS
			5925~40000	24339.63	-32.2	≤-27	PASS
		5785	30~5650	5399.16	-40.57	≤-27	PASS
			5925~40000	23527.54	-32.35	≤-27	PASS
		5825	30~5650	5302.5	-40.6	≤-27	PASS
			5925~40000	24250.42	-31.56	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	5548.65	-40.58	≤-27	PASS
			5925~40000	26476.64	-31.8	≤-27	PASS

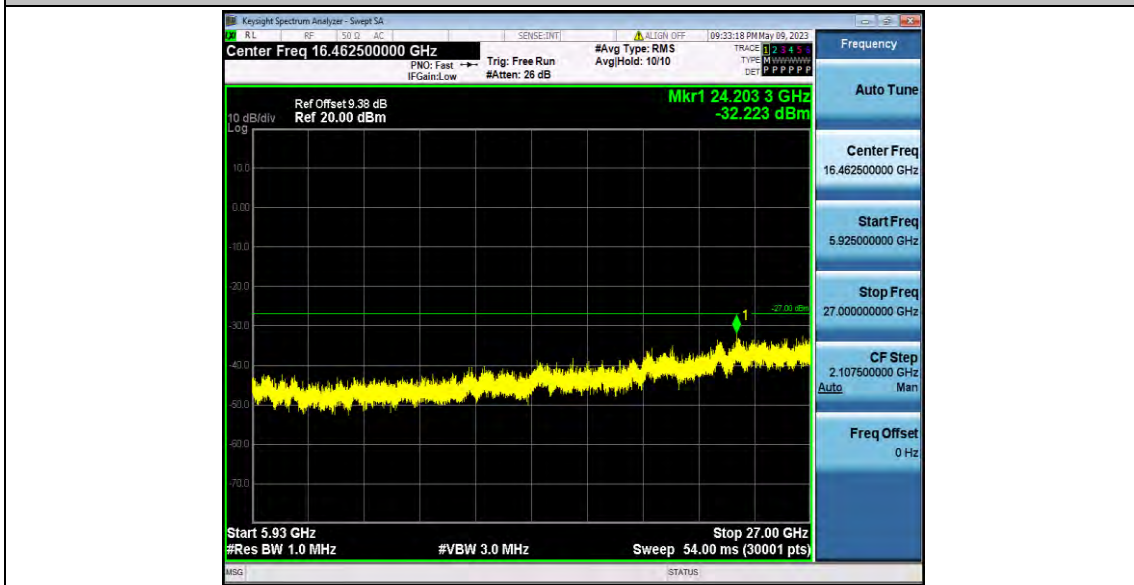
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		5795	30~5650	4995.83	-40.83	$\leq -27$	PASS
			5925~40000	26848.26	-32.49	$\leq -27$	PASS
11AX80SISO	Ant2	5775	30~5650	5450.12	-40.84	$\leq -27$	PASS
			5925~40000	24901.63	-32.38	$\leq -27$	PASS

## Test Graphs



11A\_Ant2\_5745\_30~5650



11A\_Ant2\_5745\_5925~40000





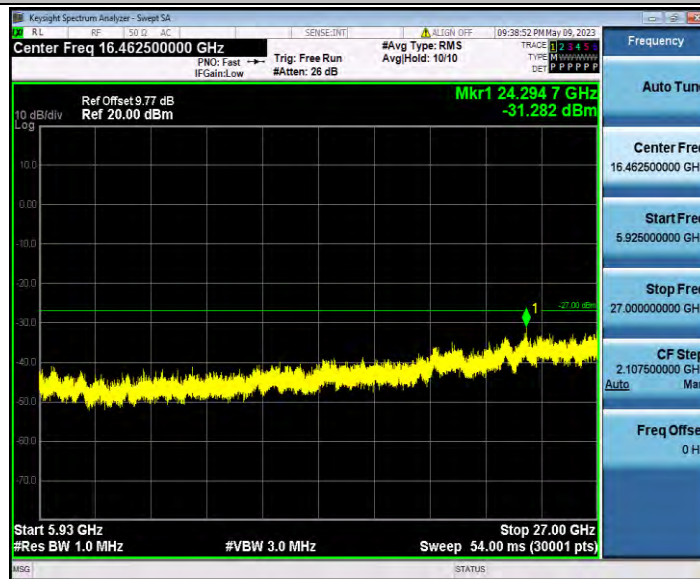
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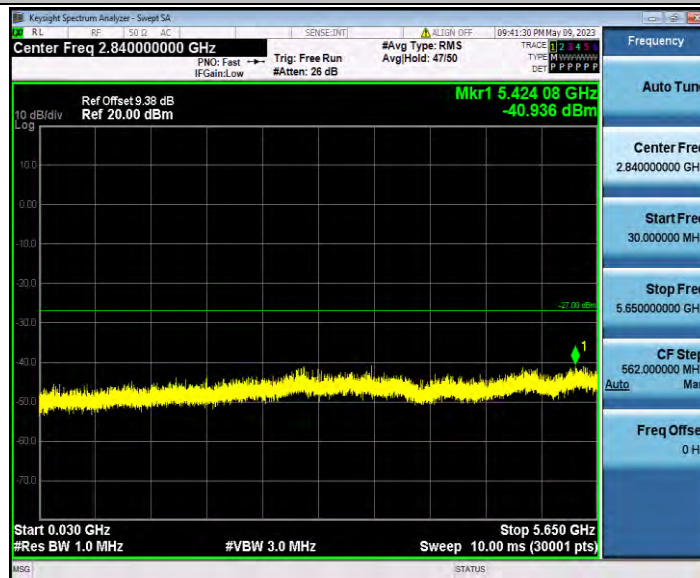
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11A\_Ant2\_5825\_30~5650



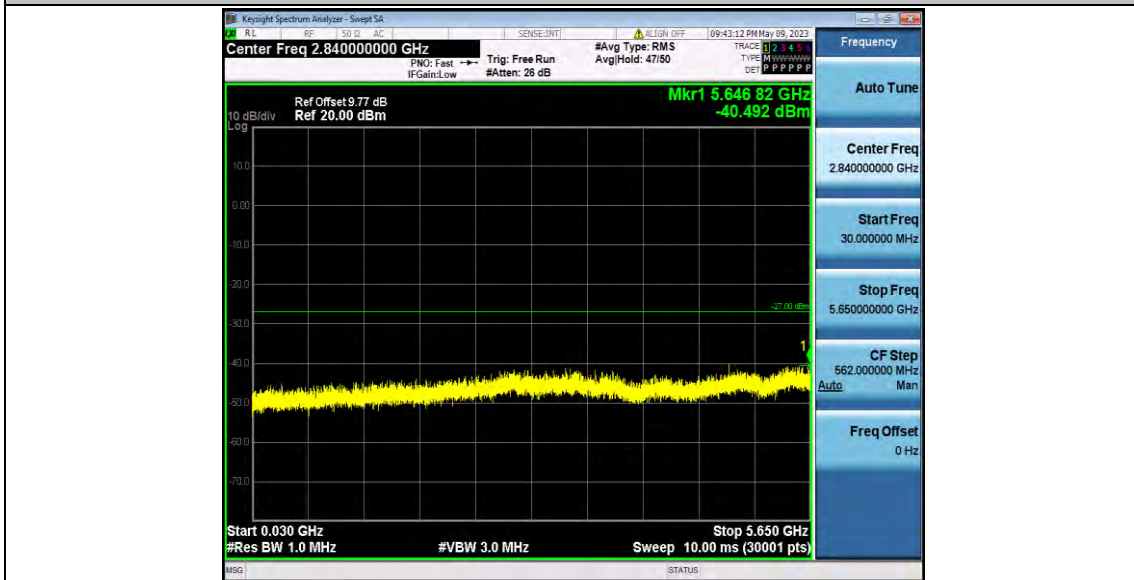
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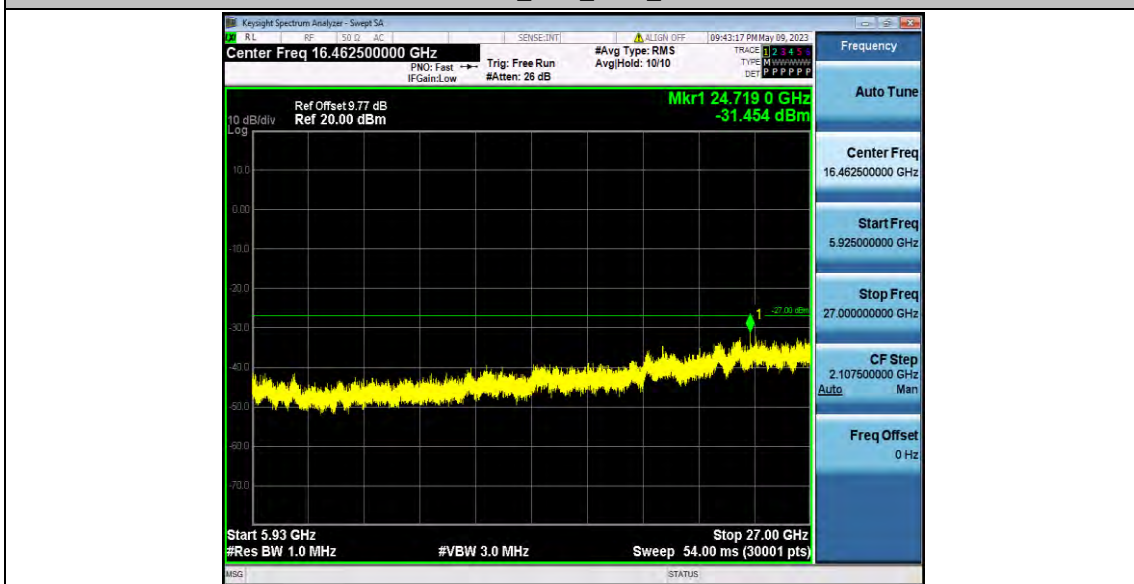
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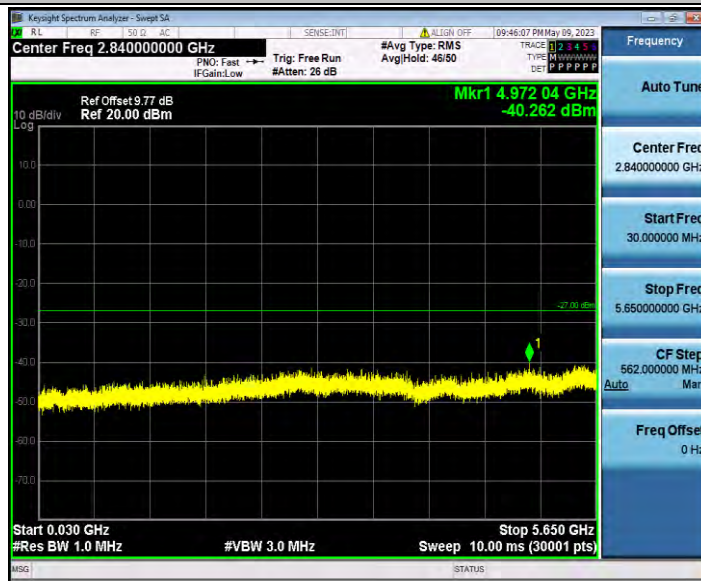
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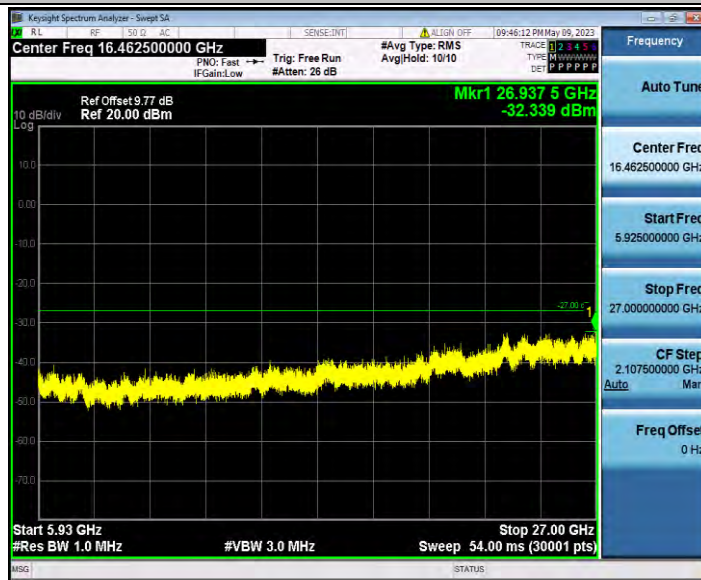
11N20SISO\_Ant2\_5785\_30~5650



11N20SISO\_Ant2\_5785\_5925~40000



11N20SISO\_Ant2\_5825\_30~5650



11N20SISO\_Ant2\_5825\_5925~40000





11N40SISO\_Ant2\_5755\_30~5650

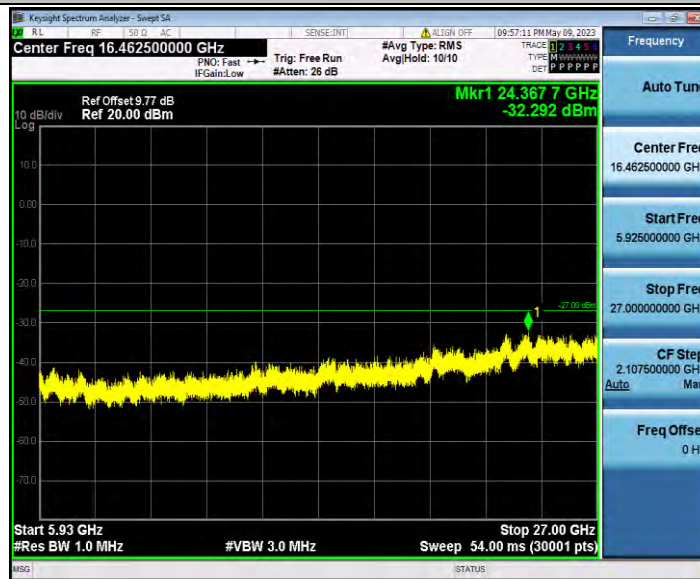


11N40SISO\_Ant2\_5755\_5925~40000





11N40SISO\_Ant2\_5795\_30~5650



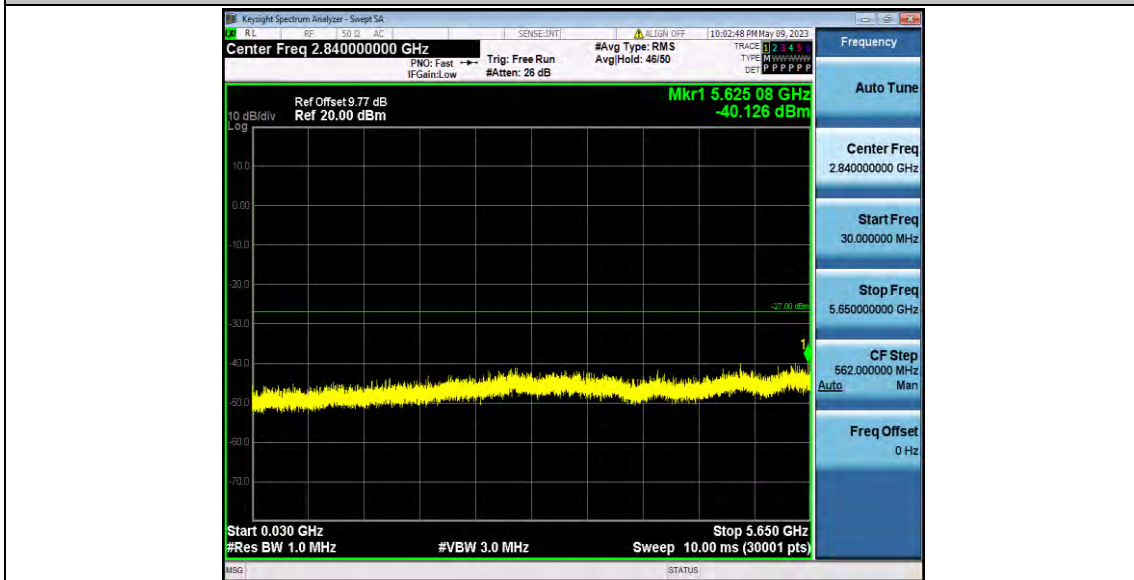
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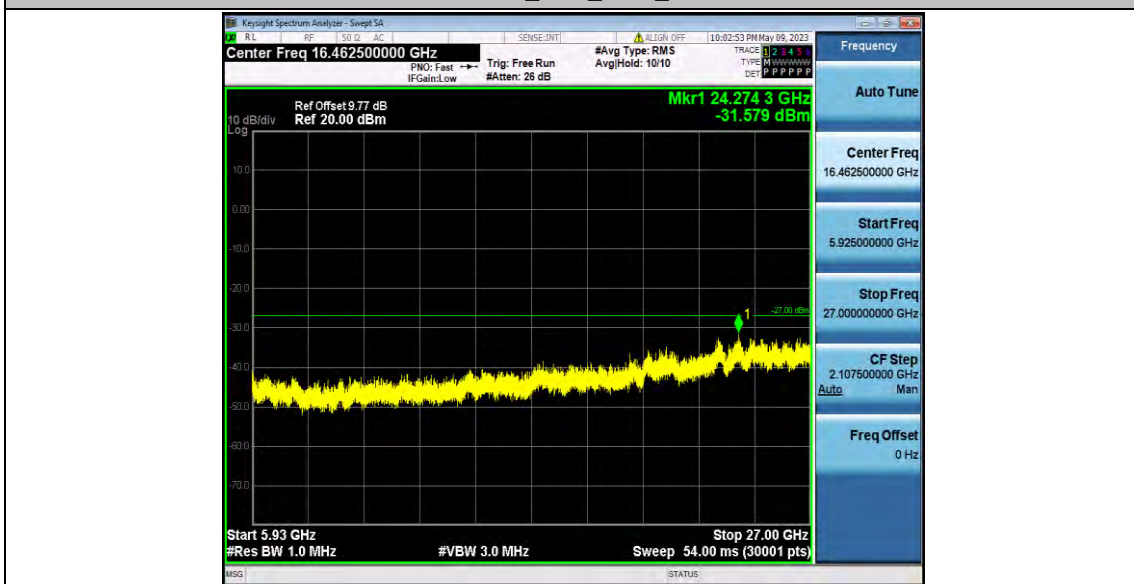
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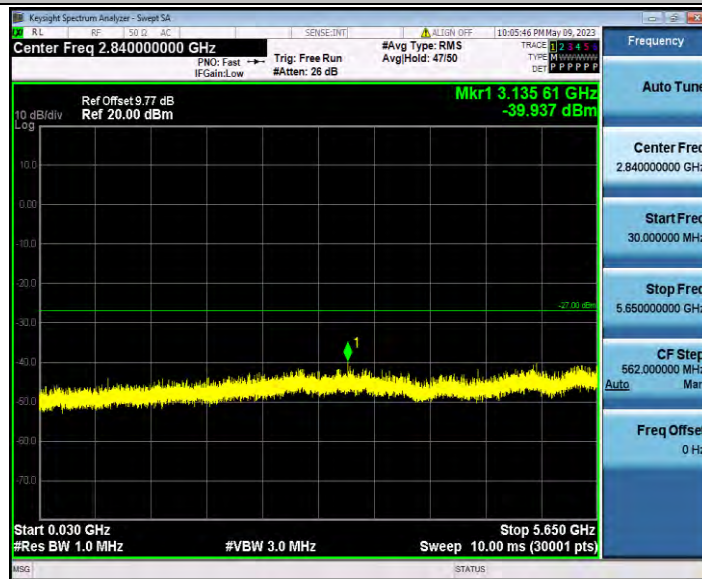
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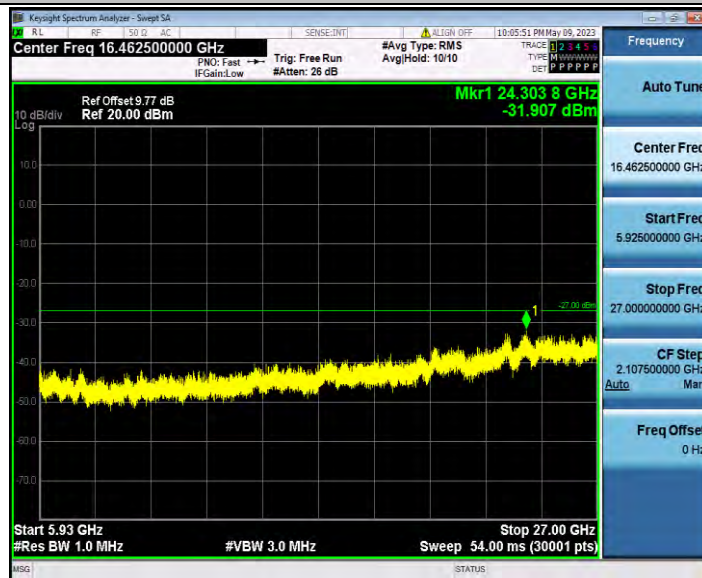
11AC20SISO\_Ant2\_5785\_30~5650



11AC20SISO\_Ant2\_5785\_5925~40000



11AC20SISO\_Ant2\_5825\_30~5650



11AC20SISO\_Ant2\_5825\_5925~40000



11AC40SISO\_Ant2\_5755\_30~5650

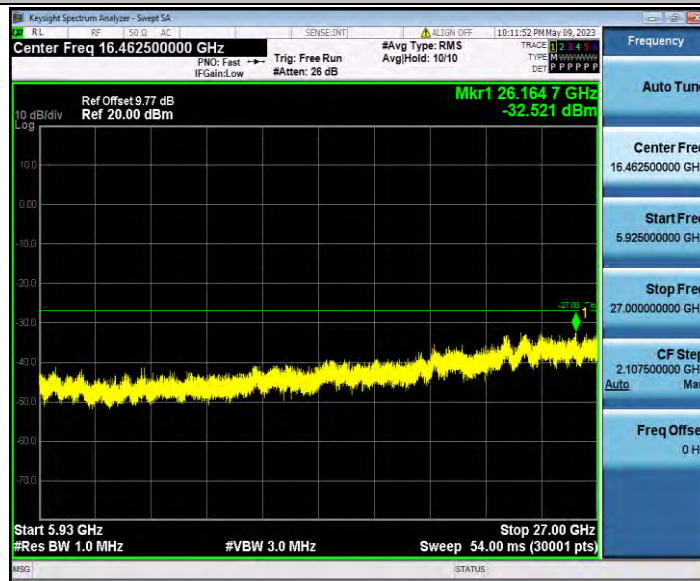


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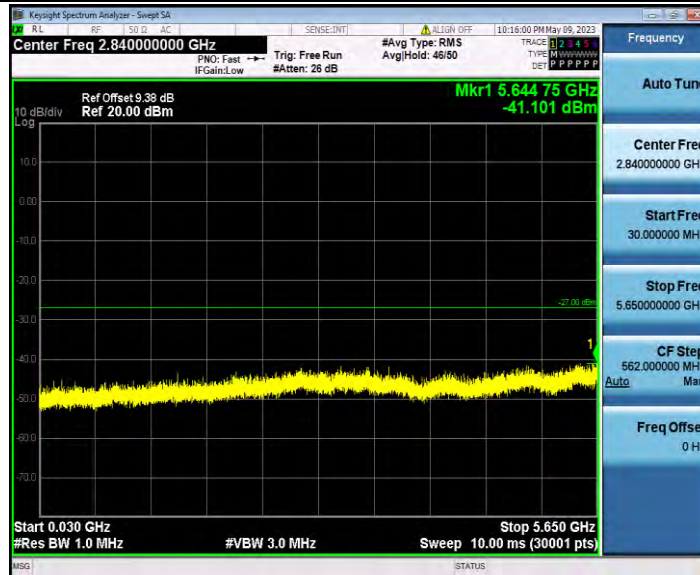




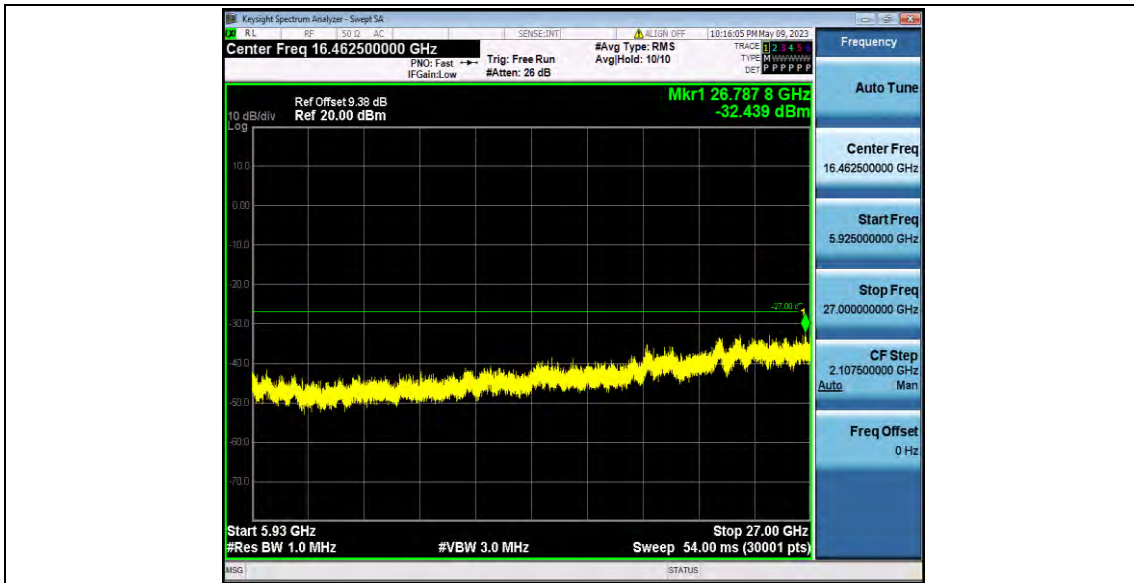
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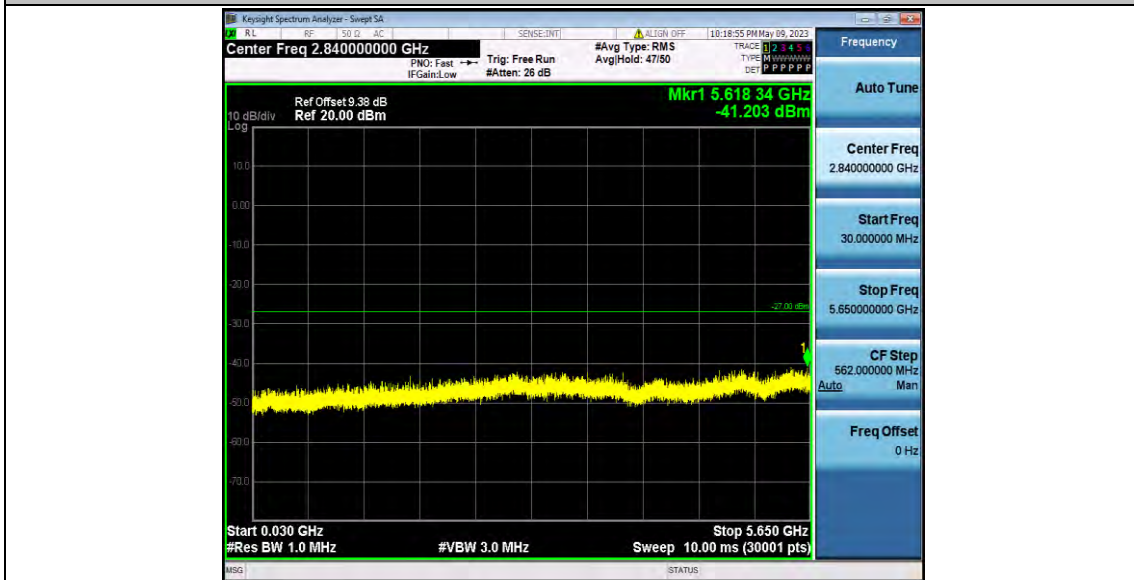
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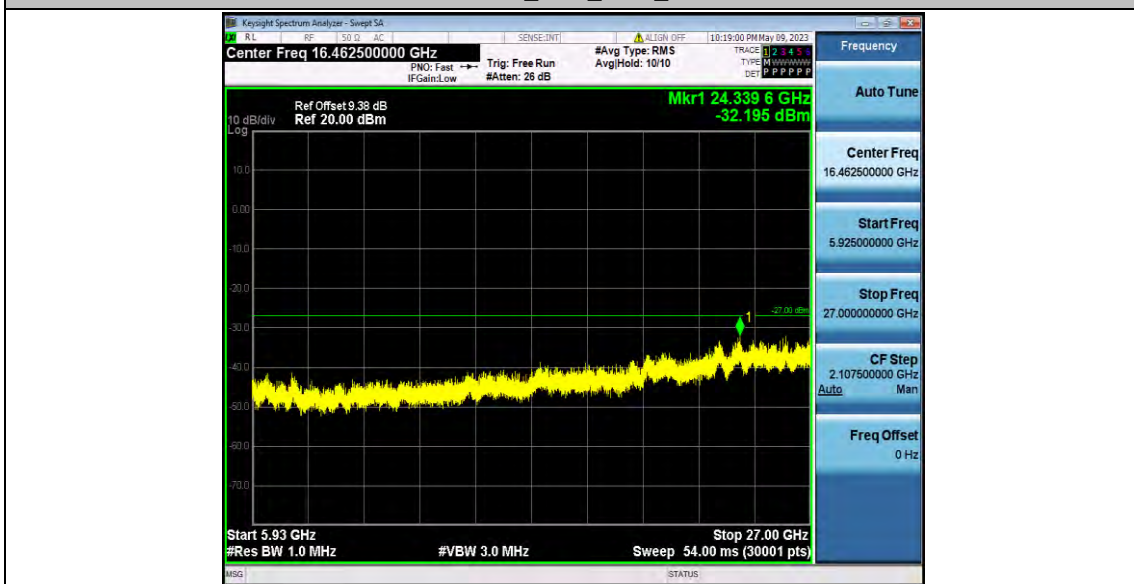
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11AC80SISO\_Ant2\_5775\_5925~4000



11AX20SISO\_Ant2\_5745\_30~5650

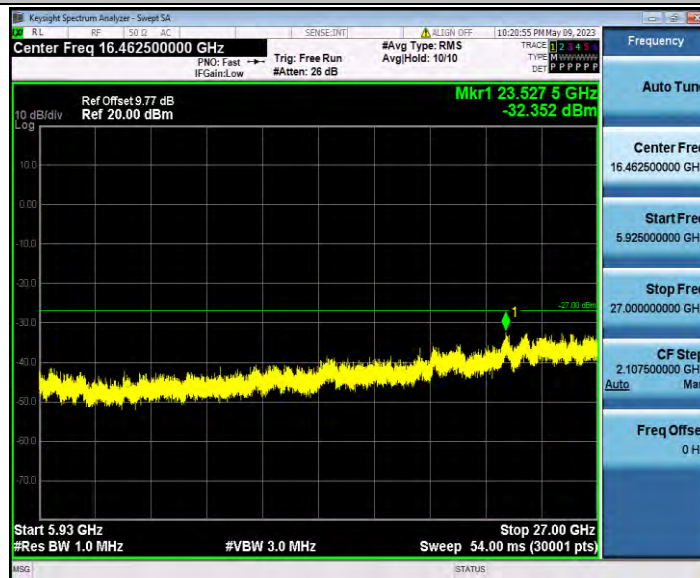




11AX20SISO\_Ant2\_5745\_5925~40000



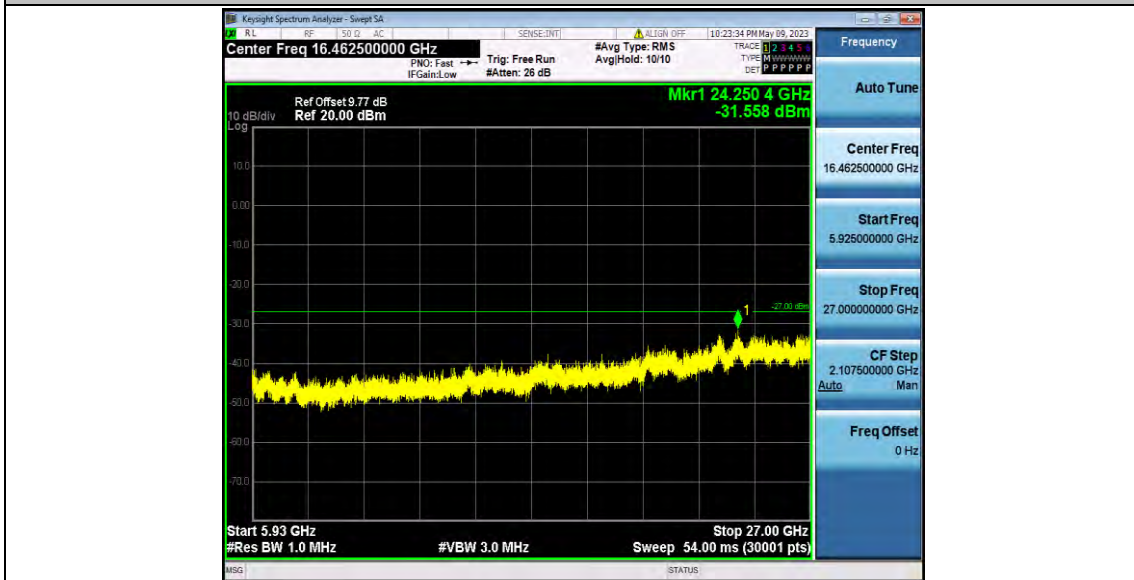
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11AX20SISO\_Ant2\_5785\_5925~40000



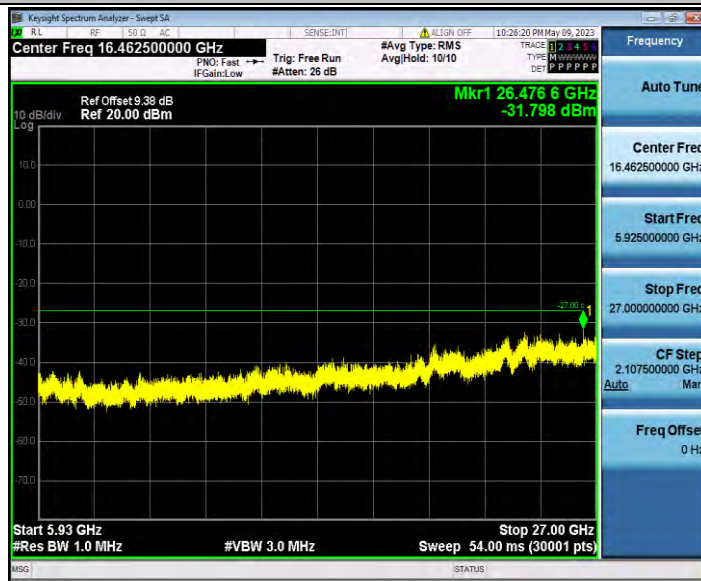
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11AX20SISO\_Ant2\_5825\_5925~40000



11AX40SISO\_Ant2\_5755\_30~5650



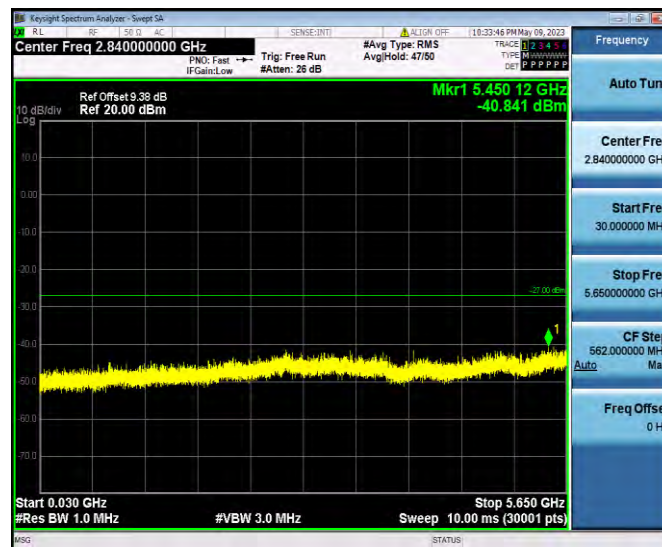
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11AX40SISO\_Ant2\_5795\_30~5650



11AX40SISO\_Ant2\_5795\_5925~4000



11AX80SISO\_Ant2\_5775\_30~5650



11AX80SISO\_Ant2\_5775\_5925~4000