

## Appendix E.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	Ant1	5745	10.29	73.68	1.33	11.62	≤30.00	PASS
		5785	11.12	75.00	1.25	12.37	≤30.00	PASS
		5825	11.48	78.95	1.03	12.51	≤30.00	PASS
11N20SISO	Ant1	5745	10.45	78.26	1.06	11.51	≤30.00	PASS
		5785	11.42	77.27	1.12	12.54	≤30.00	PASS
		5825	11.67	81.82	0.87	12.54	≤30.00	PASS
11N40SISO	Ant1	5755	10.54	78.26	1.06	11.60	≤30.00	PASS
		5795	11.37	78.26	1.06	12.43	≤30.00	PASS
11AC20SISO	Ant1	5745	10.38	76.19	1.18	11.56	≤30.00	PASS
		5785	11.09	76.19	1.18	12.27	≤30.00	PASS
		5825	11.57	76.19	1.18	12.75	≤30.00	PASS
11AC40SISO	Ant1	5755	10.43	75.00	1.25	11.68	≤30.00	PASS
		5795	11.24	75.00	1.25	12.49	≤30.00	PASS
11AC80SISO	Ant1	5775	11.03	77.27	1.12	12.15	≤30.00	PASS
11AX20SISO	Ant1	5745	10.53	84.38	0.74	11.27	≤30.00	PASS
		5785	11.33	83.87	0.76	12.09	≤30.00	PASS
		5825	11.75	83.87	0.76	12.51	≤30.00	PASS
11AX40SISO	Ant1	5755	10.11	78.26	1.06	11.17	≤30.00	PASS
		5795	11.01	78.26	1.06	12.07	≤30.00	PASS
11AX80SISO	Ant1	5775	10.73	78.26	1.06	11.79	≤30.00	PASS

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

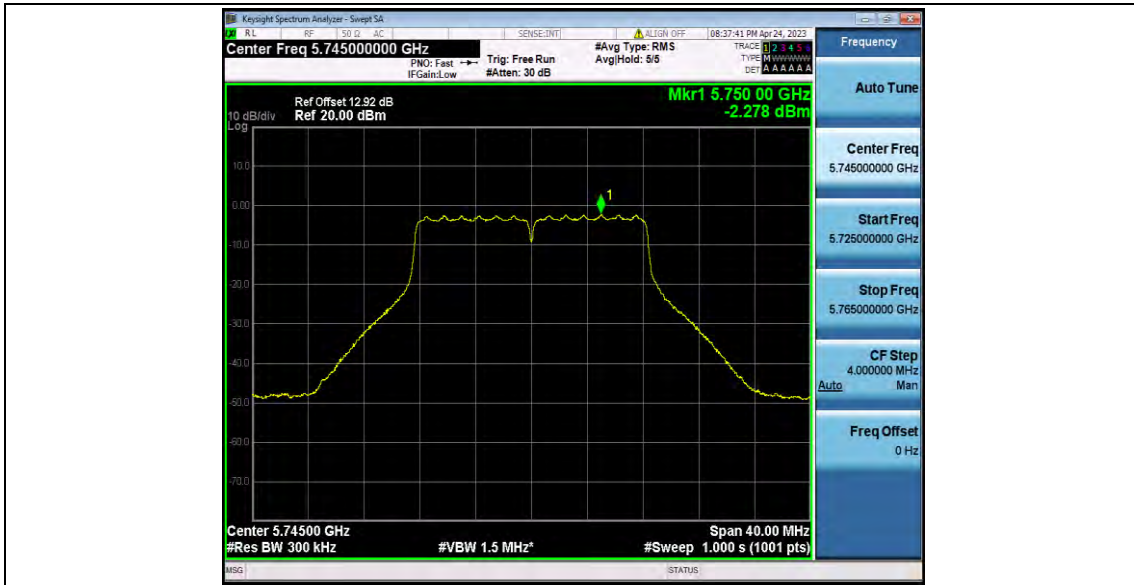
## Appendix E.5: Maximum power spectral density

### Test Result

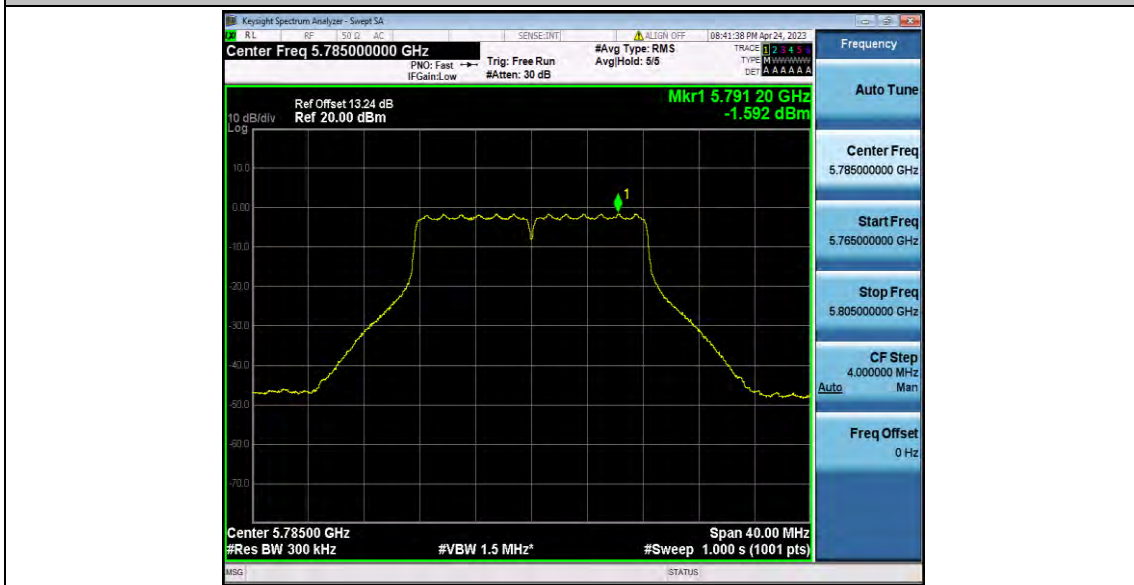
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.28	≤30.00	PASS
		5785	-1.59	≤30.00	PASS
		5825	-1.34	≤30.00	PASS
11N20SISO	Ant1	5745	-2.5	≤30.00	PASS
		5785	-1.53	≤30.00	PASS
		5825	-1.47	≤30.00	PASS
11N40SISO	Ant1	5755	-5.3	≤30.00	PASS
		5795	-4.65	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.47	≤30.00	PASS
		5785	-1.44	≤30.00	PASS
		5825	-1.19	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.21	≤30.00	PASS
		5795	-4.37	≤30.00	PASS
11AC80SISO	Ant1	5775	-7.02	≤30.00	PASS
11AX20SISO	Ant1	5745	-3.26	≤30.00	PASS
		5785	-2.5	≤30.00	PASS
		5825	-1.96	≤30.00	PASS
11AX40SISO	Ant1	5755	-5.97	≤30.00	PASS
		5795	-5.15	≤30.00	PASS
11AX80SISO	Ant1	5775	-7.91	≤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



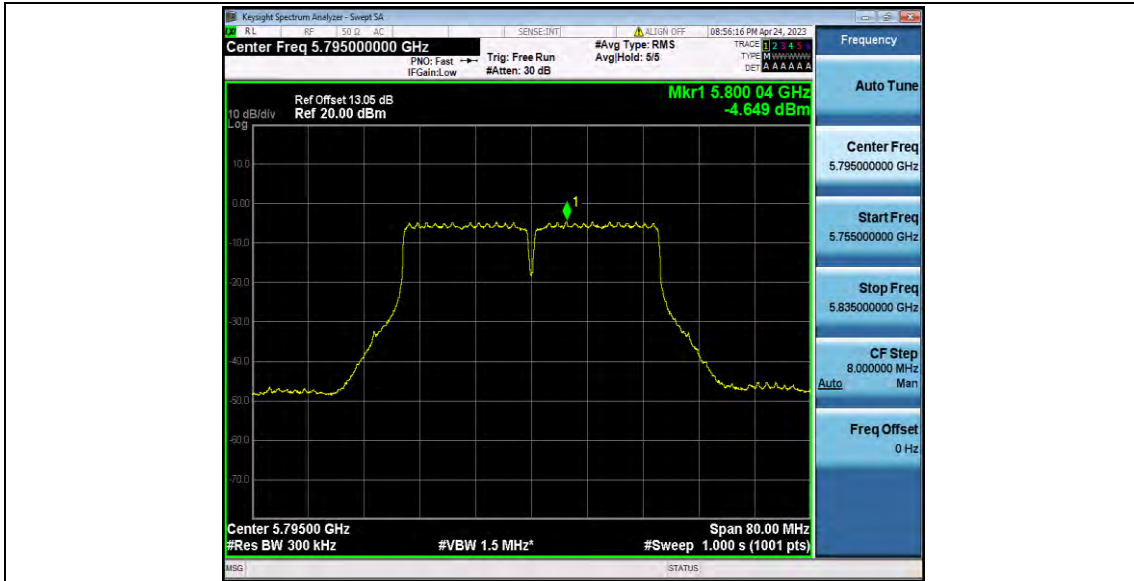
11N20SISO\_Ant1\_5785



11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795

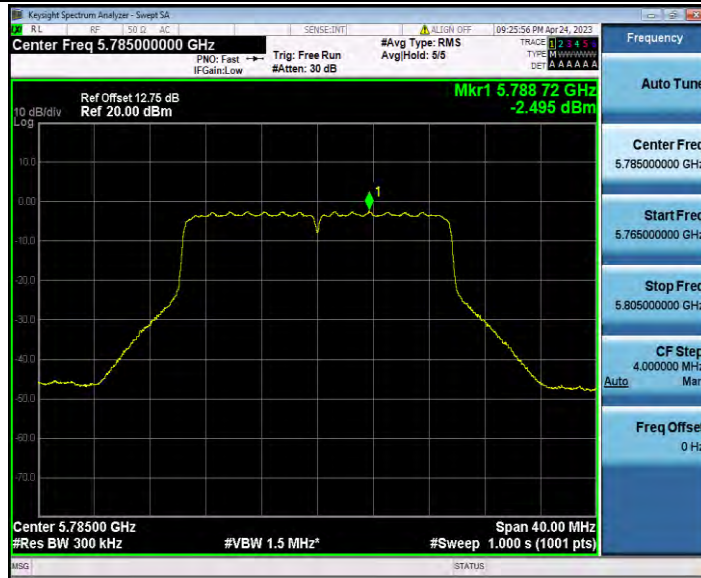


11AC80SISO\_Ant1\_5775

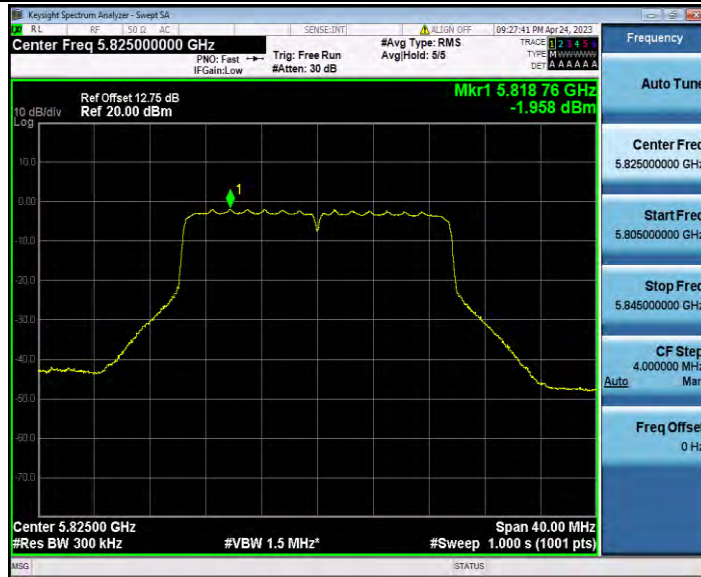




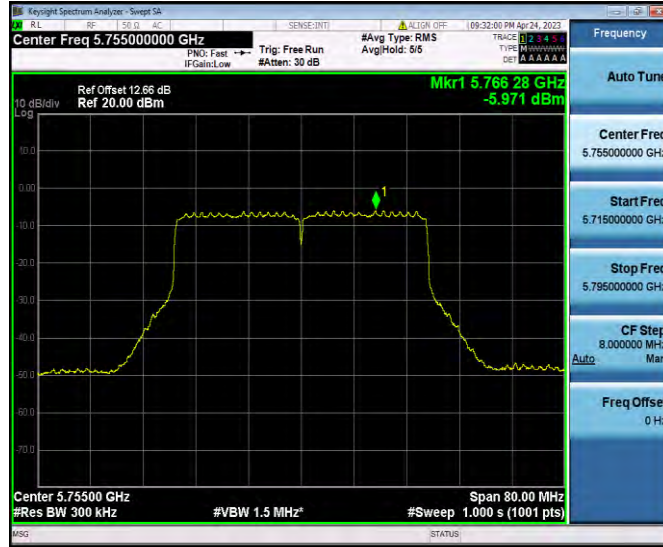
11AX20SISO\_Ant1\_5745



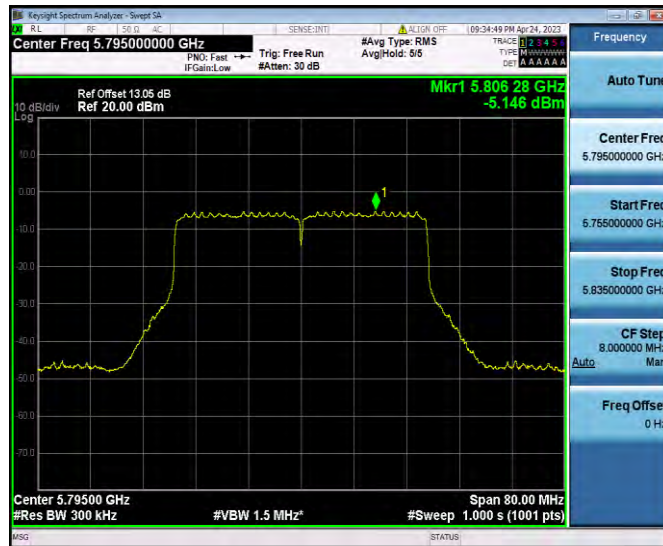
11AX20SISO\_Ant1\_5785



11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775

## Appendix E.6: Band edge measurements

### Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-38.79	≤-12.83	PASS
				5700~5720	-36.58	≤13.02	PASS
				5720~5725	-34.3	≤24.99	PASS
				5760~5650	-40.15	≤-27	PASS
		High	5825	5850~5855	-33.73	≤15.79	PASS
				5855~5875	-35.88	≤11.19	PASS
				5875~5925	-37.37	≤-20.56	PASS
				5925~5935	-39.37	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.1	≤4.02	PASS
				5700~5720	-37.72	≤15.53	PASS
				5720~5725	-36.45	≤19.49	PASS
				5760~5650	-39.67	≤-27	PASS
		High	5825	5850~5855	-35.69	≤22.57	PASS
				5855~5875	-35.75	≤10.36	PASS
				5875~5925	-38.2	≤9.61	PASS
				5925~5935	-39.14	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.1	≤9.96	PASS
				5700~5720	-36.8	≤15.58	PASS
				5720~5725	-36.3	≤21.89	PASS
				5780~5650	-39.73	≤-27	PASS
		High	5795	5850~5855	-37.51	≤21.68	PASS
				5855~5875	-37.29	≤10.09	PASS
				5875~5925	-37.66	≤-25.09	PASS
				5925~5935	-39	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.23	≤8.36	PASS
				5700~5720	-35.91	≤15.21	PASS
				5720~5725	-36.33	≤26.83	PASS
				5760~5650	-39.62	≤-27	PASS
		High	5825	5850~5855	-35.16	≤25.64	PASS
				5855~5875	-35.83	≤10.66	PASS
				5875~5925	-38.03	≤-26.16	PASS
				5925~5935	-37.87	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-37.18	≤-5.92	PASS
				5700~5720	-36.16	≤15.58	PASS
				5720~5725	-35.8	≤26.20	PASS
				5780~5650	-39.51	≤-27	PASS

		High	5795	5850~5855	-36.8	$\leq 17.91$	PASS
				5855~5875	-36.34	$\leq 13.74$	PASS
				5875~5925	-37.62	$\leq -22.77$	PASS
				5925~5935	-37.85	$\leq -27$	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-35.98	$\leq 3.60$	PASS
				5700~5720	-37.09	$\leq 10.01$	PASS
				5720~5725	-34.06	$\leq 26.25$	PASS
				5800~5650	-39.7	$\leq -27$	PASS
	High	5775	5850~5855	-37.38	$\leq 24.65$	PASS	
			5855~5875	-36.93	$\leq 11.78$	PASS	
			5875~5925	-38.17	$\leq -24.49$	PASS	
			5925~5935	-39.71	$\leq -27$	PASS	
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.48	$\leq 3.85$	PASS
				5700~5720	-36.11	$\leq 15.50$	PASS
				5720~5725	-34.99	$\leq 25.52$	PASS
				5760~5650	-39.83	$\leq -27$	PASS
	High	5825	5850~5855	-34.76	$\leq 21.33$	PASS	
			5855~5875	-36.16	$\leq 10.82$	PASS	
			5875~5925	-38.04	$\leq -11.87$	PASS	
			5925~5935	-37.36	$\leq -27$	PASS	
11AX40SI SO	Ant1	Low	5755	5650~5700	-37.87	$\leq 0.47$	PASS
				5700~5720	-35.67	$\leq 15.54$	PASS
				5720~5725	-35.6	$\leq 18.51$	PASS
				5780~5650	-40.07	$\leq -27$	PASS
	High	5795	5850~5855	-36.37	$\leq 21.68$	PASS	
			5855~5875	-37.56	$\leq 11.89$	PASS	
			5875~5925	-38.07	$\leq -4.21$	PASS	
			5925~5935	-39.18	$\leq -27$	PASS	
11AX80SI SO	Ant1	Low	5775	5650~5700	-37.04	$\leq 7.15$	PASS
				5700~5720	-36.66	$\leq 15.26$	PASS
				5720~5725	-35.24	$\leq 25.54$	PASS
				5800~5650	-39.65	$\leq -27$	PASS
	High	5775	5850~5855	-38.37	$\leq 25.07$	PASS	
			5855~5875	-38.33	$\leq 10.02$	PASS	
			5875~5925	-37.81	$\leq 7.13$	PASS	
			5925~5935	-38.84	$\leq -27$	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



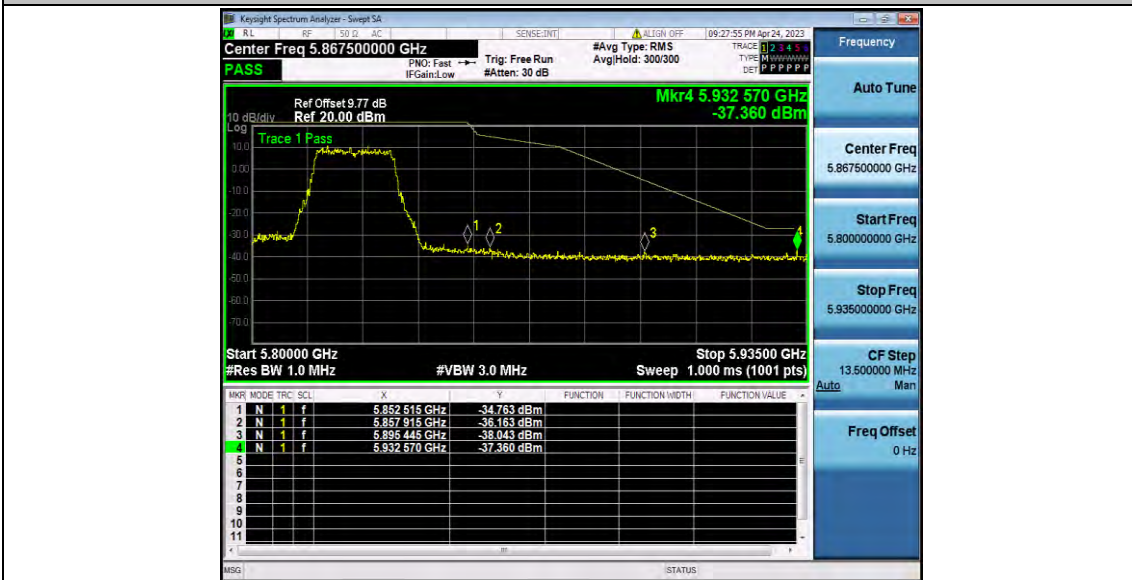
11AC80SISO\_Ant1\_Low\_5775



11AC80SISO\_Ant1\_High\_5775



11AX20SISO\_Ant1\_Low\_5745



11AX20SISO\_Ant1\_High\_5825



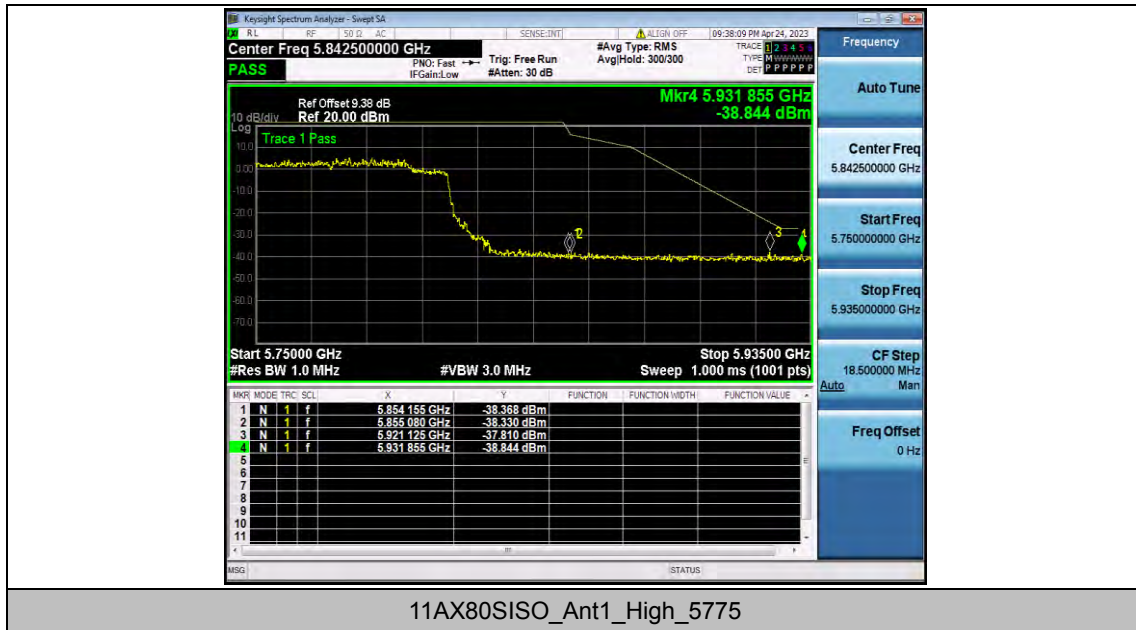
11AX40SISO\_Ant1\_Low\_5755



11AX40SISO\_Ant1\_High\_5795



11AX80SISO\_Ant1\_Low\_5775



11AX80SISO\_Ant1\_High\_5775

## Appendix E.7: Conducted Spurious Emission

### Test Result

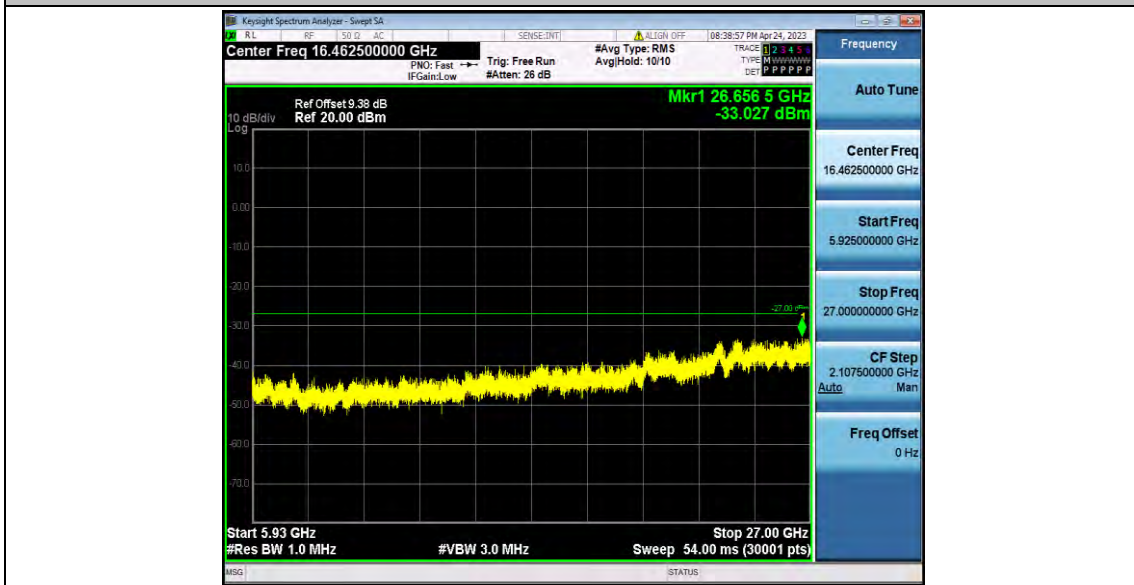
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5434	-40.05	≤-27	PASS
			5925~40000	26656.48	-33.03	≤-27	PASS
		5785	30~5650	5445.62	-40.48	≤-27	PASS
			5925~40000	24828.57	-31.81	≤-27	PASS
		5825	30~5650	5491.33	-40.49	≤-27	PASS
			5925~40000	24768.16	-32.41	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5440.75	-40.57	≤-27	PASS
			5925~40000	23585.85	-32.89	≤-27	PASS
		5785	30~5650	2930.67	-40.8	≤-27	PASS
			5925~40000	26582.01	-32.38	≤-27	PASS
		5825	30~5650	5399.91	-41.02	≤-27	PASS
			5925~40000	24319.96	-32	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	3146.1	-41.06	≤-27	PASS
			5925~40000	24944.49	-33.14	≤-27	PASS
		5795	30~5650	3048.13	-40.28	≤-27	PASS
			5925~40000	24161.2	-32.01	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5329.66	-40.75	≤-27	PASS
			5925~40000	25279.58	-32.09	≤-27	PASS
		5785	30~5650	5457.05	-40.09	≤-27	PASS
			5925~40000	24223.02	-31.92	≤-27	PASS
		5825	30~5650	5540.04	-39.85	≤-27	PASS
			5925~40000	24190	-32.18	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5401.22	-40.83	≤-27	PASS
			5925~40000	24237.77	-31.56	≤-27	PASS
		5795	30~5650	5460.79	-40.26	≤-27	PASS
			5925~40000	25591.49	-32.63	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	4961.36	-41.04	≤-27	PASS
			5925~40000	25591.49	-31.71	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5594.55	-40.83	≤-27	PASS
			5925~40000	24162.6	-32.56	≤-27	PASS
		5785	30~5650	5474.47	-40.16	≤-27	PASS
			5925~40000	23594.98	-32.03	≤-27	PASS
		5825	30~5650	2654.91	-41.11	≤-27	PASS
			5925~40000	26497.71	-31.79	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4934.01	-41.09	≤-27	PASS
			5925~40000	26072.7	-32.94	≤-27	PASS

		5795	30~5650	5408.15	-40.21	≤-27	PASS
			5925~40000	25309.79	-32.23	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5502.01	-40.71	≤-27	PASS
			5925~40000	26799.09	-32.79	≤-27	PASS

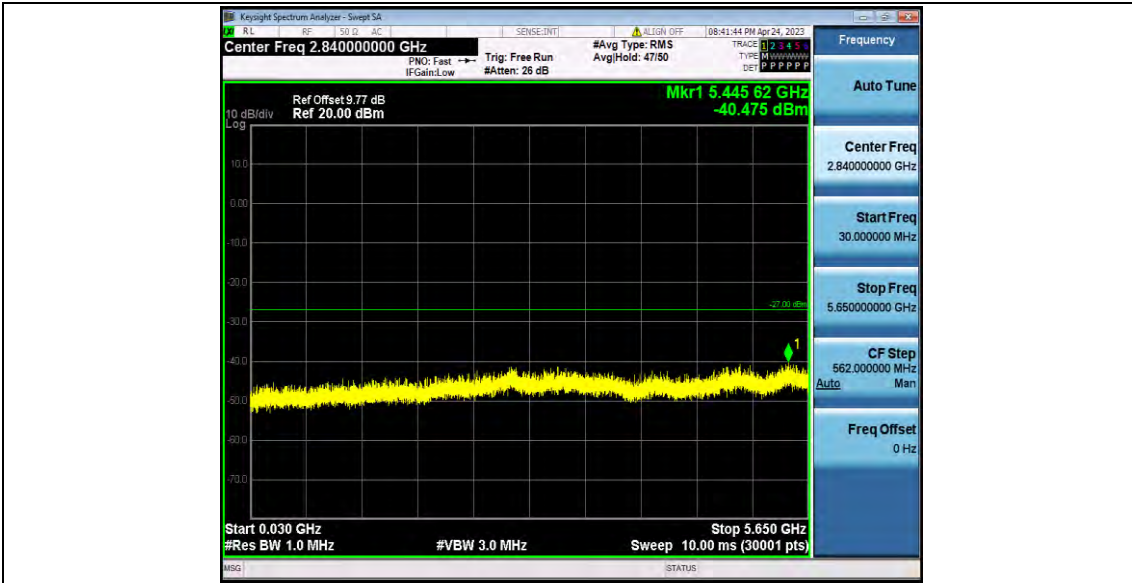
## Test Graphs



11A\_Ant1\_5745\_30~5650



11A\_Ant1\_5745\_5925~40000



11A\_Ant1\_5785\_30~5650

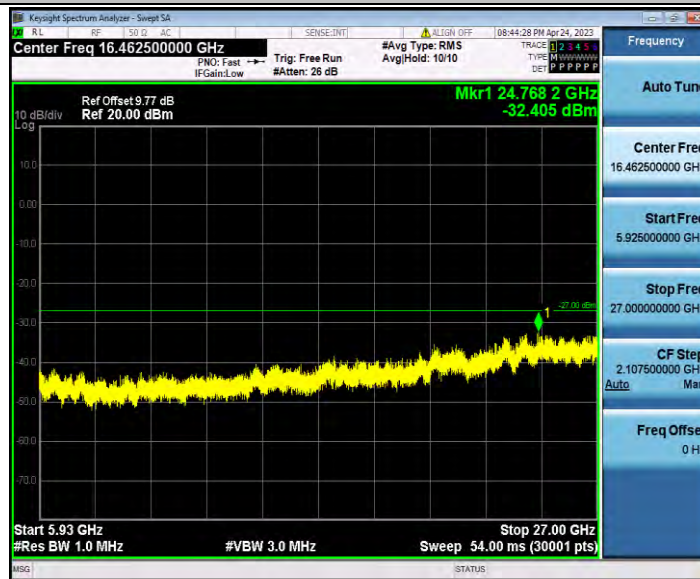


11A\_Ant1\_5785\_5925~40000





11A\_Ant1\_5825\_30~5650



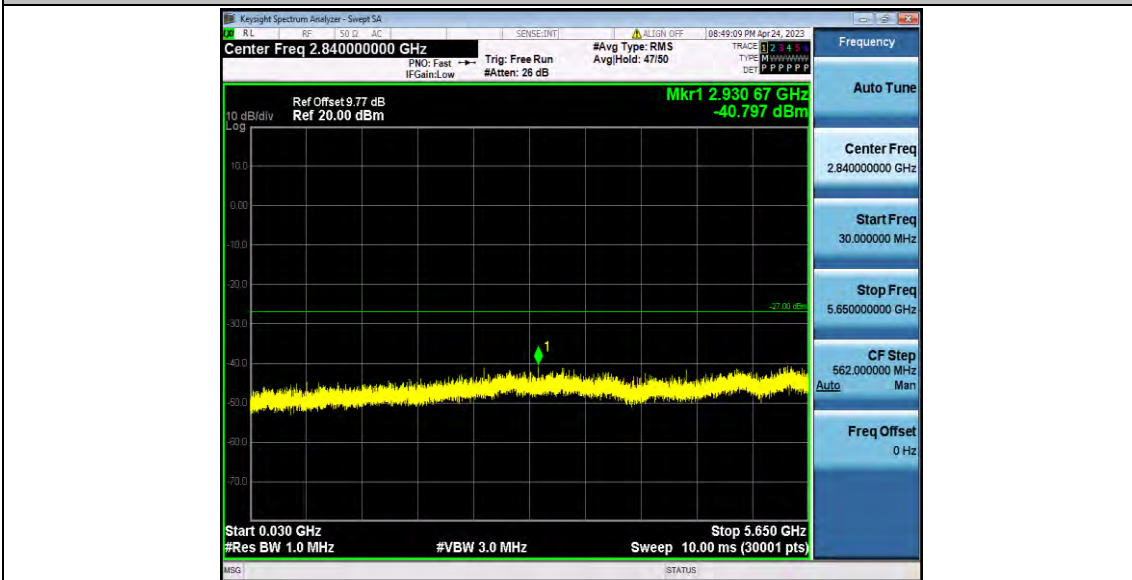
11A\_Ant1\_5825\_5925~40000



11N20SISO\_Ant1\_5745\_30~5650



11N20SISO\_Ant1\_5745\_5925~40000



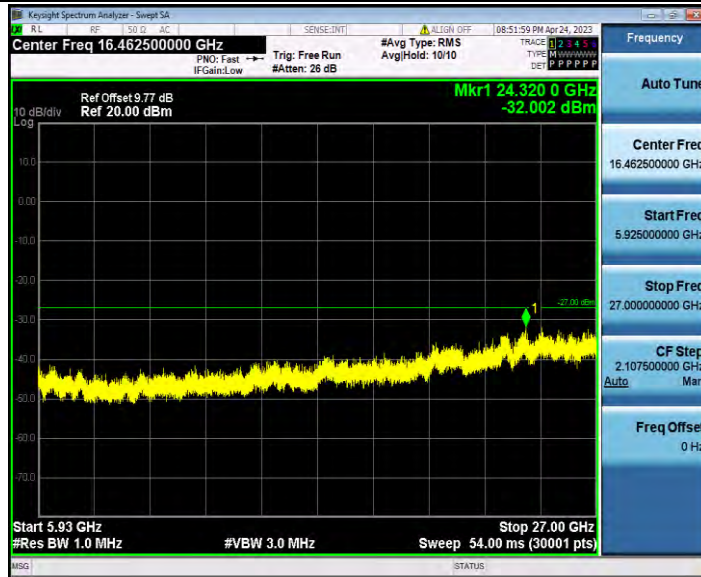
11N20SISO\_Ant1\_5785\_30~5650



11N20SISO\_Ant1\_5785\_5925~40000



11N20SISO\_Ant1\_5825\_30~5650



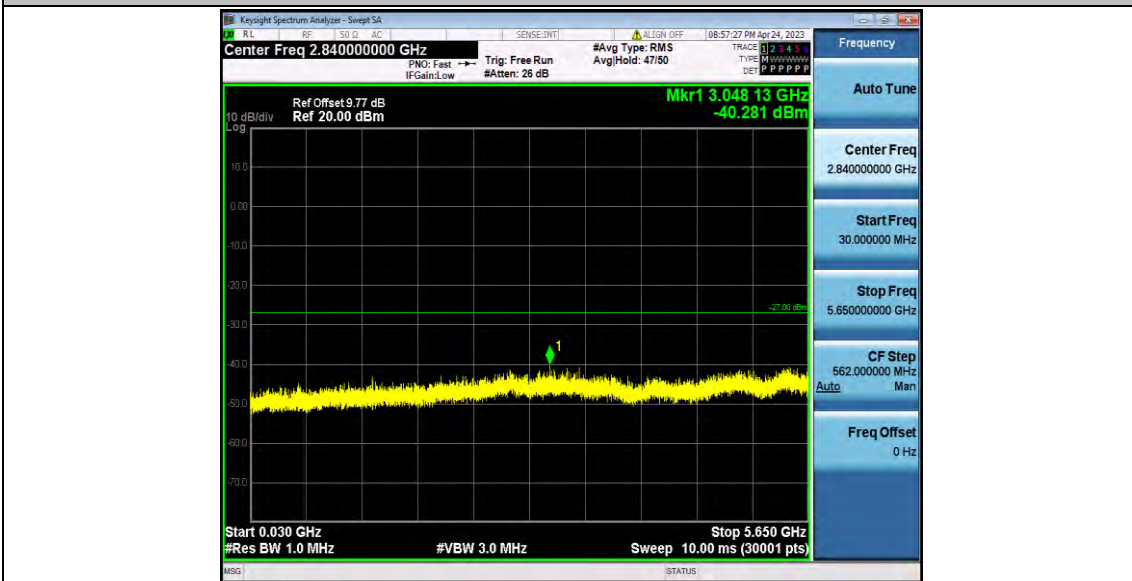
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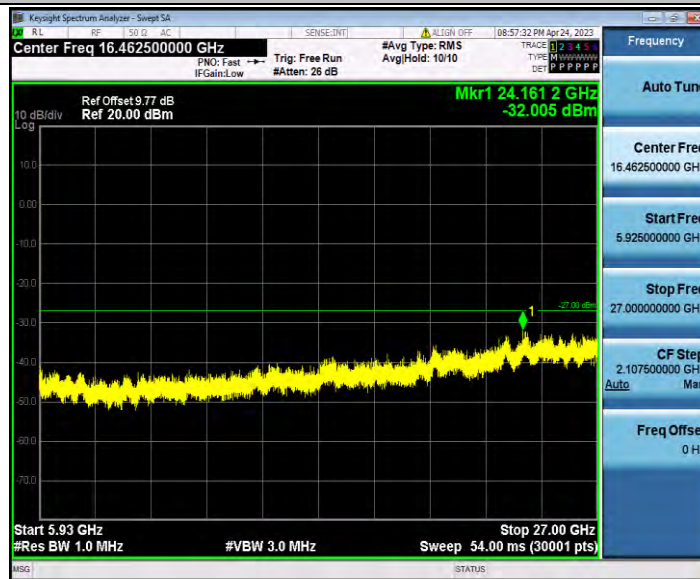
11N40SISO\_Ant1\_5755\_30~5650



11N40SISO\_Ant1\_5755\_5925~40000



11N40SISO\_Ant1\_5795\_30~5650



11N40SISO\_Ant1\_5795\_5925~40000



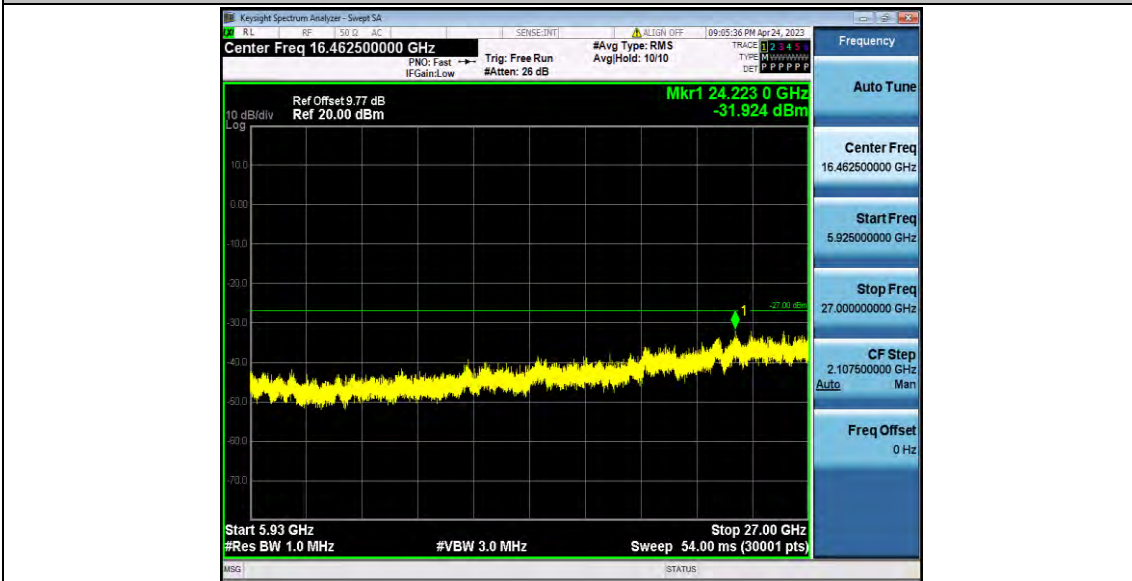
11AC20SISO\_Ant1\_5745\_30~5650



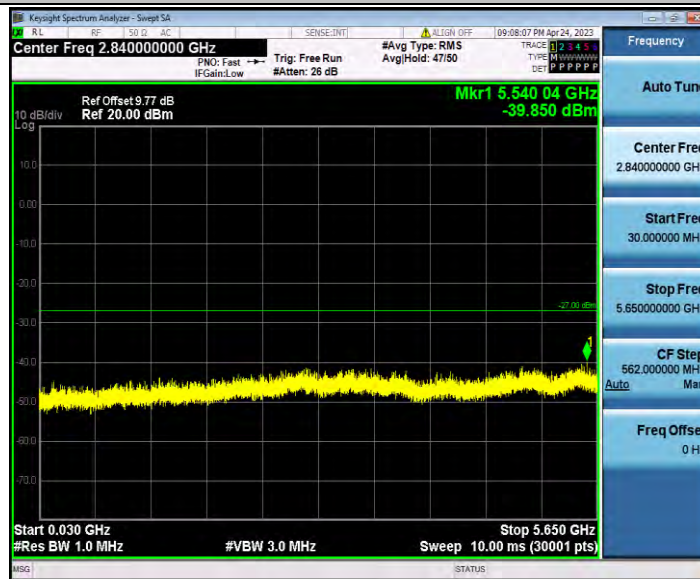
11AC20SISO\_Ant1\_5745\_5925~4000



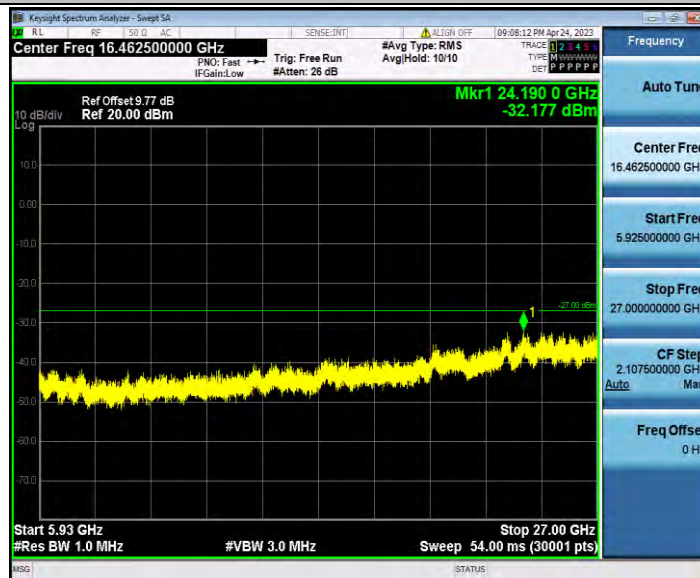
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11AC20SISO\_Ant1\_5785\_5925~40000



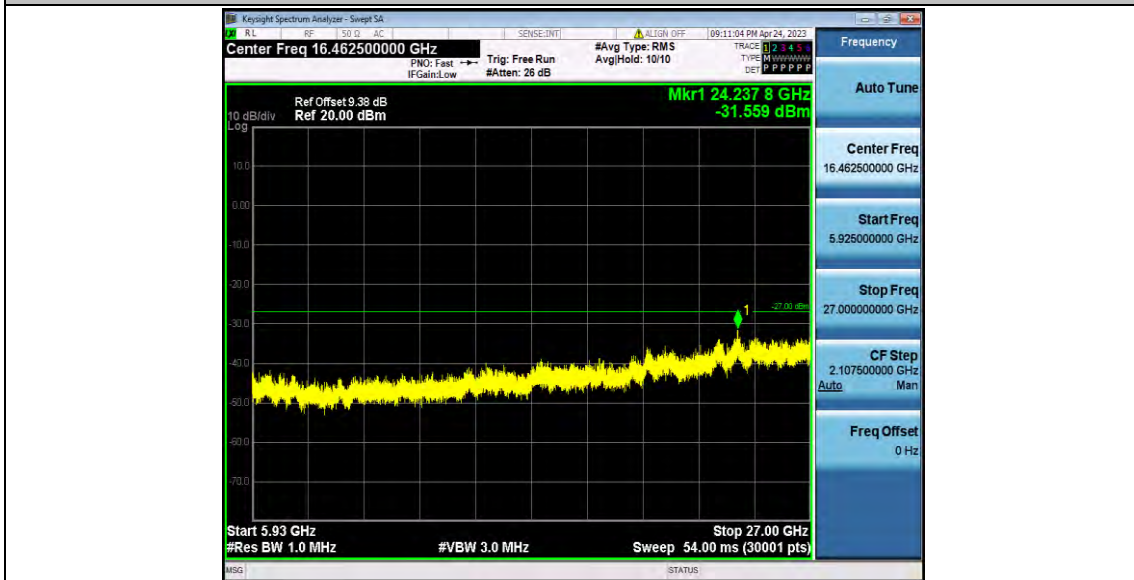
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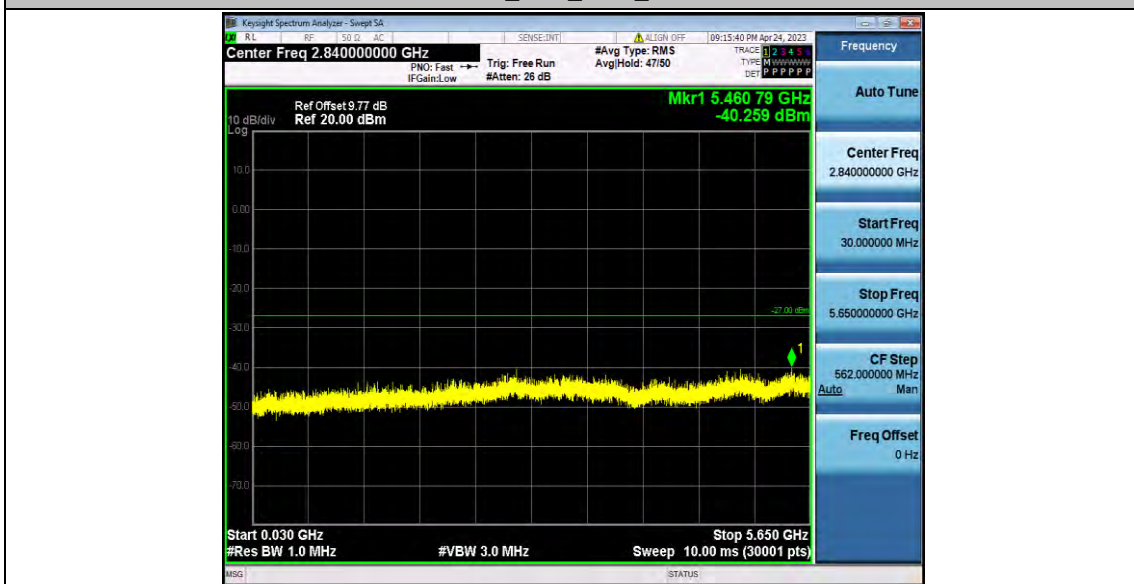
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11AC40SISO\_Ant1\_5755\_30~5650

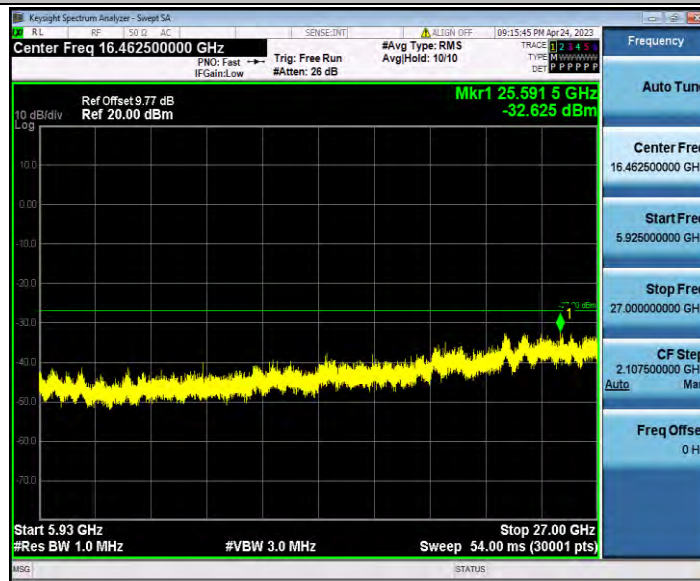


11AC40SISO\_Ant1\_5755\_5925~40000





11AC40SISO\_Ant1\_5795\_30~5650



11AC40SISO\_Ant1\_5795\_5925~40000



11AC80SISO\_Ant1\_5775\_30~5650



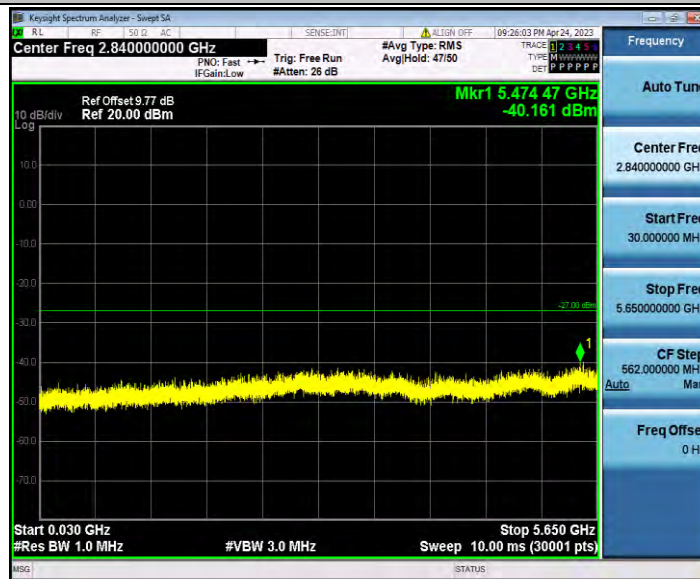
11AC80SISO\_Ant1\_5775\_5925~4000



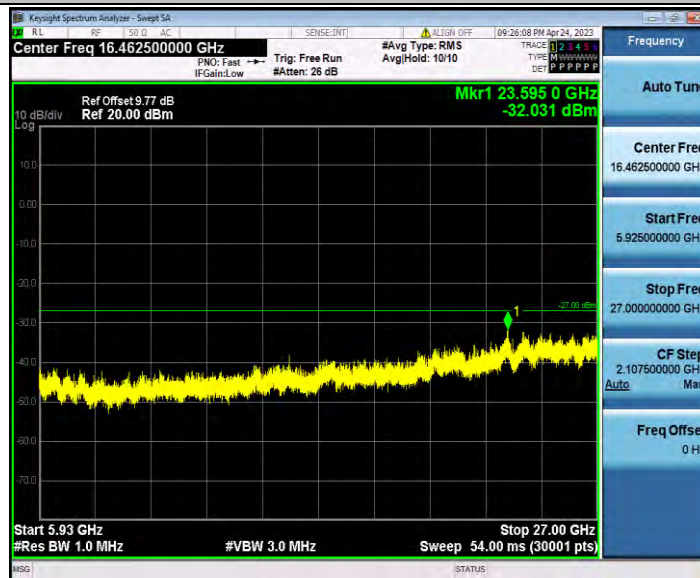
11AX20SISO\_Ant1\_5745\_30~5650



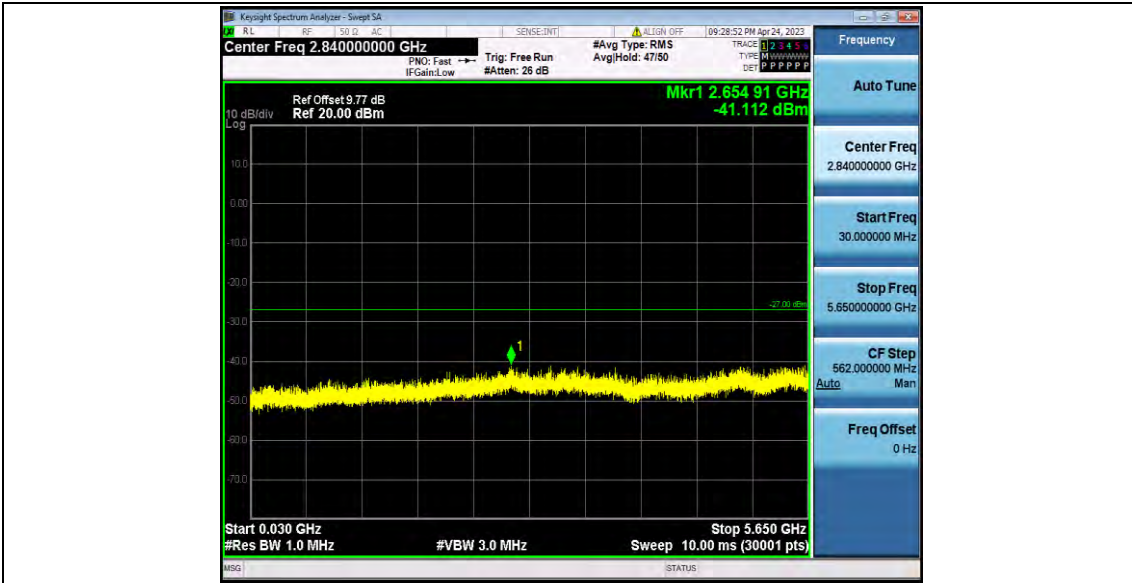
11AX20SISO\_Ant1\_5745\_5925~40000



11AX20SISO\_Ant1\_5785\_30~5650



11AX20SISO\_Ant1\_5785\_5925~40000



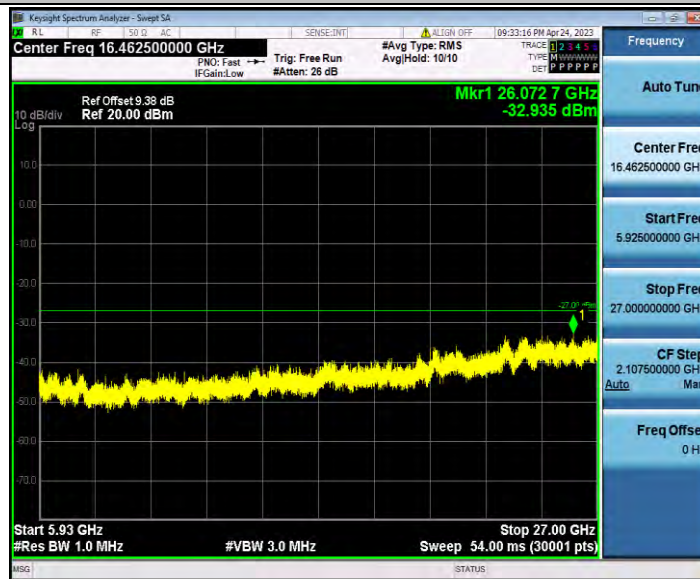
11AX20SISO\_Ant1\_5825\_30~5650



11AX20SISO\_Ant1\_5825\_5925~40000



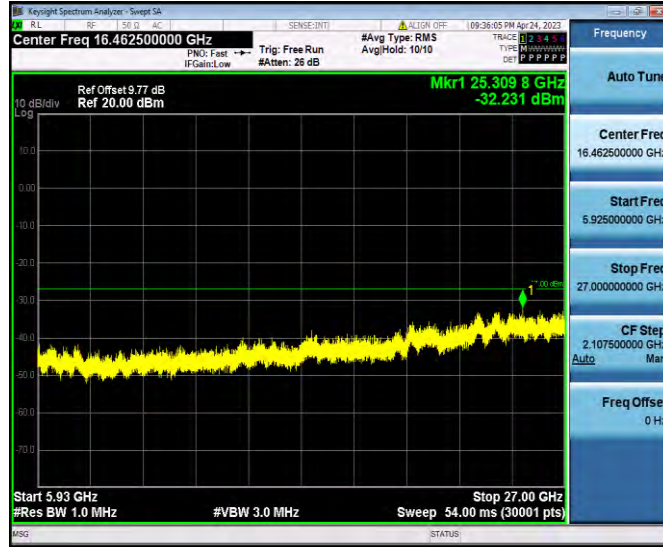
11AX40SISO\_Ant1\_5755\_30~5650



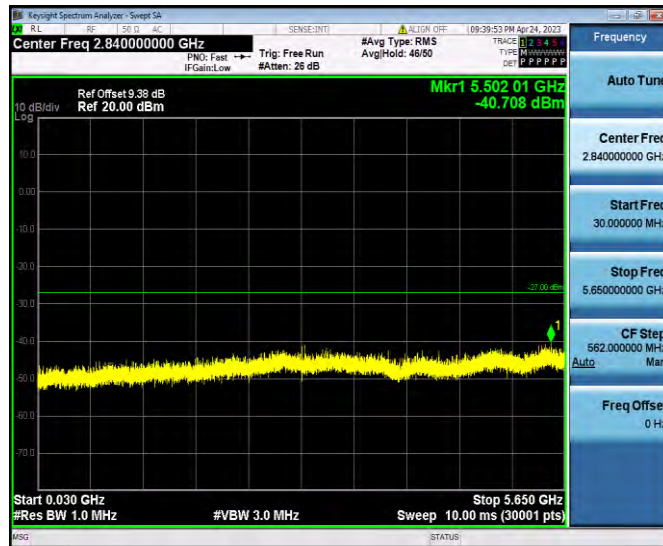
11AX40SISO\_Ant1\_5755\_5925~40000



11AX40SISO\_Ant1\_5795\_30~5650



11AX40SISO\_Ant1\_5795\_5925~40000



11AX80SISO\_Ant1\_5775\_30~5650



11AX80SISO\_Ant1\_5775\_5925~40000