

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	8.95	95.87	0.18	9.13	≤30.00	PASS
		5785	9.85	95.87	0.18	10.03	≤30.00	PASS
		5825	9.78	96.31	0.16	9.94	≤30.00	PASS
11N20SISO	Ant1	5745	9.04	98.88	0.05	9.09	≤30.00	PASS
		5785	9.75	98.88	0.05	9.80	≤30.00	PASS
		5825	9.81	98.88	0.05	9.86	≤30.00	PASS
11N40SISO	Ant1	5755	9.14	98.88	0.05	9.19	≤30.00	PASS
		5795	10.03	98.88	0.05	10.08	≤30.00	PASS
11AC20SISO	Ant1	5745	9.19	98.88	0.05	9.24	≤30.00	PASS
		5785	10.20	98.88	0.05	10.25	≤30.00	PASS
		5825	9.91	99.00	0.04	9.95	≤30.00	PASS
11AC40SISO	Ant1	5755	9.14	98.88	0.05	9.19	≤30.00	PASS
		5795	10.12	98.88	0.05	10.17	≤30.00	PASS
11AC80SISO	Ant1	5775	9.96	98.88	0.05	10.01	≤30.00	PASS
11AX20SISO	Ant1	5745	8.96	98.90	0.05	9.01	≤30.00	PASS
		5785	9.62	99.02	0.04	9.66	≤30.00	PASS
		5825	9.67	99.02	0.04	9.71	≤30.00	PASS
11AX40SISO	Ant1	5755	8.95	98.87	0.05	9.00	≤30.00	PASS
		5795	9.74	98.87	0.05	9.79	≤30.00	PASS
11AX80SISO	Ant1	5775	9.69	98.88	0.05	9.74	≤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	1.88	≤30.00	PASS
		5785	2.51	≤30.00	PASS
		5825	2.82	≤30.00	PASS
11N20SISO	Ant1	5745	0.89	≤30.00	PASS
		5785	1.99	≤30.00	PASS
		5825	2.27	≤30.00	PASS
11N40SISO	Ant1	5755	-1.5	≤30.00	PASS
		5795	-1.05	≤30.00	PASS
11AC20SISO	Ant1	5745	1.73	≤30.00	PASS
		5785	2.3	≤30.00	PASS
		5825	2.26	≤30.00	PASS
11AC40SISO	Ant1	5755	-0.61	≤30.00	PASS
		5795	-1.11	≤30.00	PASS
11AC80SISO	Ant1	5775	-3.73	≤30.00	PASS
11AX20SISO	Ant1	5745	2.43	≤30.00	PASS
		5785	2.71	≤30.00	PASS
		5825	3.17	≤30.00	PASS
11AX40SISO	Ant1	5755	-0.23	≤30.00	PASS
		5795	0.21	≤30.00	PASS
11AX80SISO	Ant1	5775	-3.15	≤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



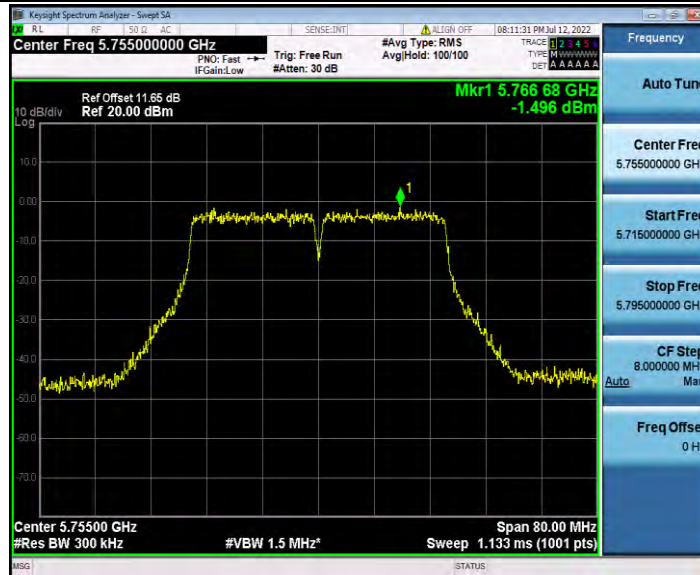
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



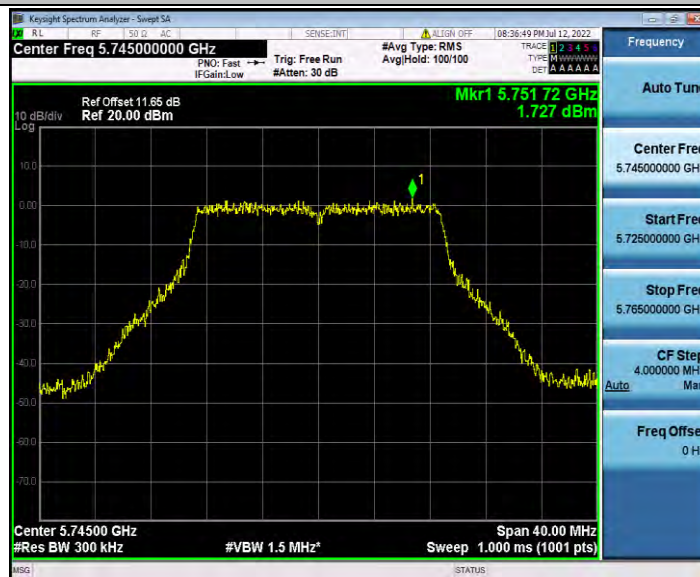
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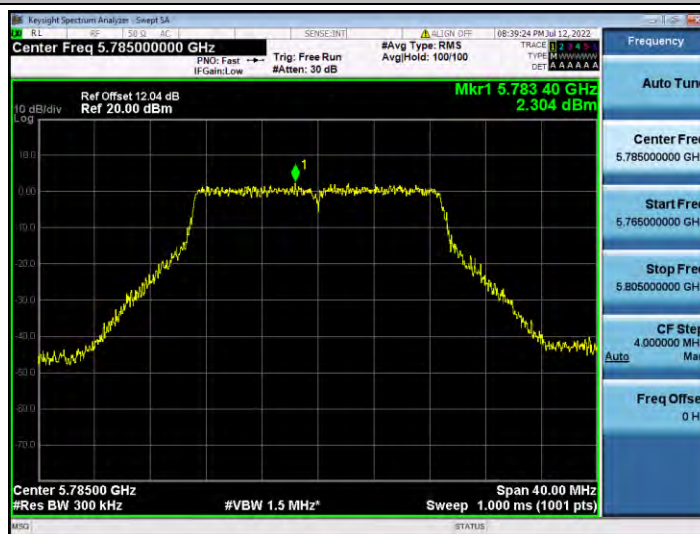
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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



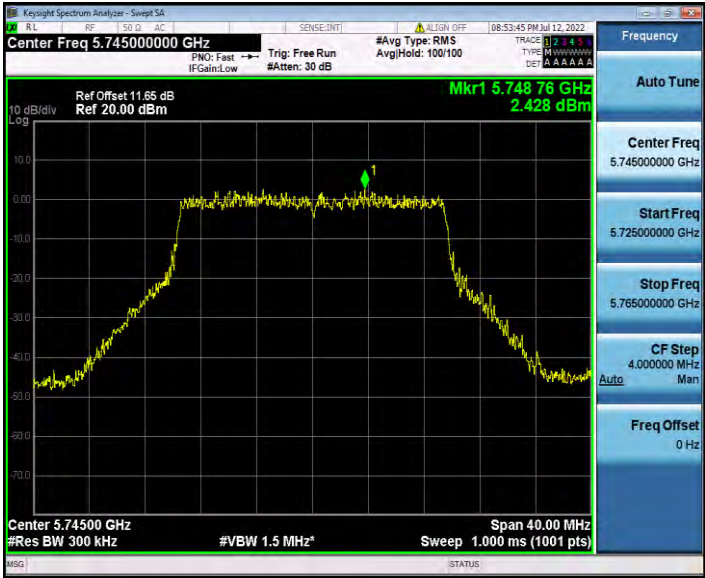
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11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



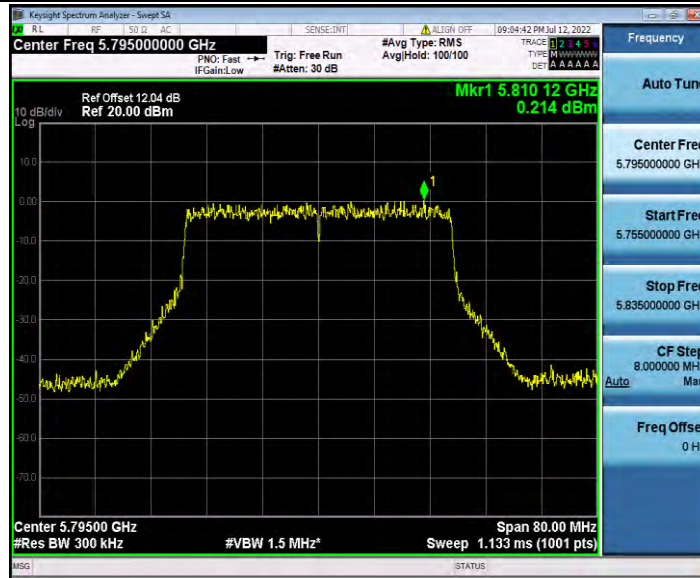
11AX20SISO_Ant1_5825



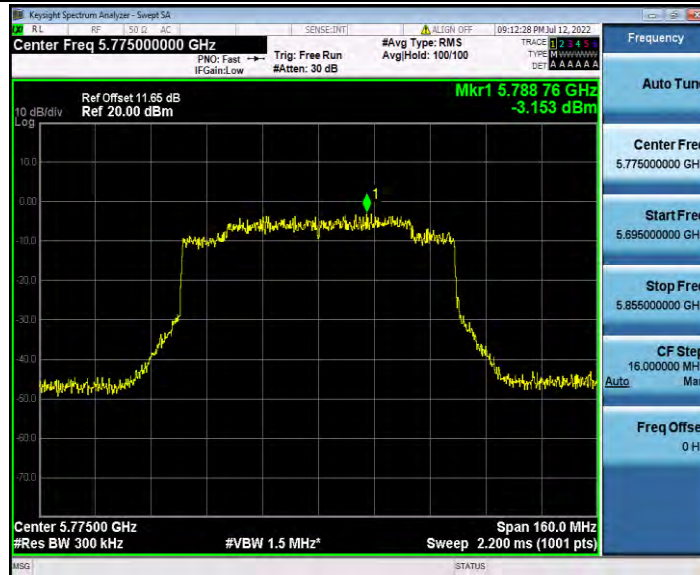
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



Appendix E.6: Band edge measurements

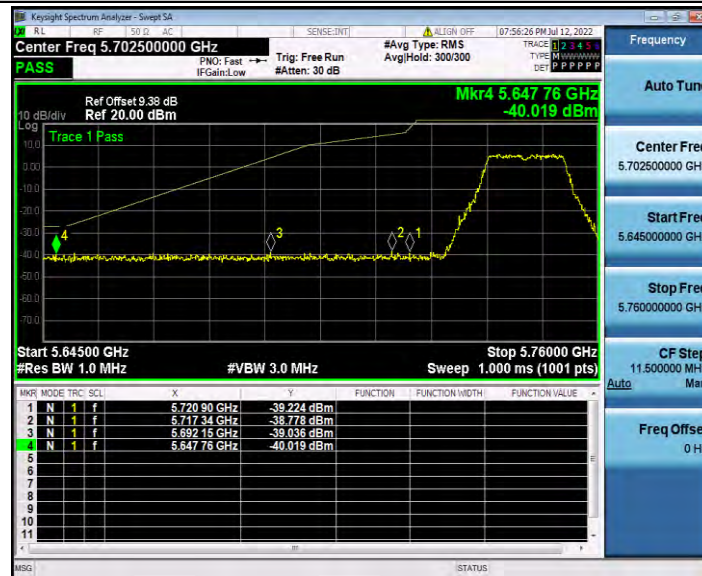
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.04	≤4.19	PASS
				5700~5720	-38.78	≤14.85	PASS
				5720~5725	-39.22	≤17.65	PASS
				5760~5650	-40.02	≤-27	PASS
		High	5825	5850~5855	-39.27	≤25.34	PASS
				5855~5875	-38.45	≤12.90	PASS
				5875~5925	-38.07	≤-19.46	PASS
				5925~5935	-38.59	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.08	≤7.51	PASS
				5700~5720	-39.18	≤12.86	PASS
				5720~5725	-39.89	≤26.04	PASS
				5760~5650	-40.28	≤-27	PASS
		High	5825	5850~5855	-38.48	≤21.03	PASS
				5855~5875	-38.83	≤10.82	PASS
				5875~5925	-37.98	≤5.91	PASS
				5925~5935	-39.15	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.22	≤-17.71	PASS
				5700~5720	-38.21	≤13.65	PASS
				5720~5725	-38.7	≤21.58	PASS
				5780~5650	-39.87	≤-27	PASS
		High	5795	5850~5855	-39.03	≤25.06	PASS
				5855~5875	-37.47	≤11.01	PASS
				5875~5925	-38.63	≤-19.60	PASS
				5925~5935	-38.65	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.06	≤-21.76	PASS
				5700~5720	-39.8	≤11.86	PASS
				5720~5725	-39.19	≤17.91	PASS
				5760~5650	-40.45	≤-27	PASS
		High	5825	5850~5855	-39.22	≤15.79	PASS
				5855~5875	-37.84	≤13.12	PASS
				5875~5925	-38.11	≤-26.26	PASS
				5925~5935	-38.58	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-38.66	≤-22.51	PASS
				5700~5720	-39.07	≤10.67	PASS
				5720~5725	-38.67	≤24.36	PASS

		High	5795	5780~5650	-39.88	≤ -27	PASS
				5850~5855	-38.9	≤ 25.06	PASS
				5855~5875	-37.92	≤ 12.26	PASS
				5875~5925	-38.62	≤ 6.53	PASS
				5925~5935	-39	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-38.97	≤ -14.53	PASS
				5700~5720	-38.82	≤ 10.53	PASS
				5720~5725	-33.91	≤ 26.60	PASS
				5800~5650	-39.99	≤ -27	PASS
		High	5775	5850~5855	-38.87	≤ 25.92	PASS
				5855~5875	-37.2	≤ 10.70	PASS
				5875~5925	-37.28	≤ 9.19	PASS
				5925~5935	-39.49	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.22	≤ -18.70	PASS
				5700~5720	-38.8	≤ 15.05	PASS
				5720~5725	-39.99	≤ 26.83	PASS
				5760~5650	-39.79	≤ -27	PASS
		High	5825	5850~5855	-38.36	≤ 16.10	PASS
				5855~5875	-37.59	≤ 13.42	PASS
				5875~5925	-37.53	≤ -25.36	PASS
				5925~5935	-38.74	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.08	≤ 2.47	PASS
				5700~5720	-39.38	≤ 12.37	PASS
				5720~5725	-39.6	≤ 26.82	PASS
				5780~5650	-40.53	≤ -27	PASS
		High	5795	5850~5855	-38.65	≤ 20.92	PASS
				5855~5875	-38.59	≤ 12.67	PASS
				5875~5925	-38.12	≤ 6.65	PASS
				5925~5935	-39.17	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-39.74	≤ 2.33	PASS
				5700~5720	-39.33	≤ 11.74	PASS
				5720~5725	-34.48	≤ 26.95	PASS
				5800~5650	-40.23	≤ -27	PASS
		High	5775	5850~5855	-39.33	≤ 19.17	PASS
				5855~5875	-38.15	≤ 12.82	PASS
				5875~5925	-38.31	≤ 3.30	PASS
				5925~5935	-38.67	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



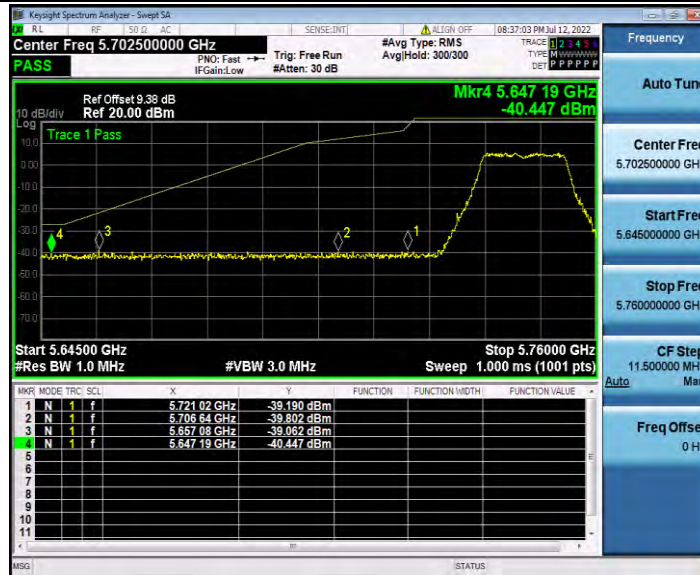
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11N40SISO_Ant1_High_5795



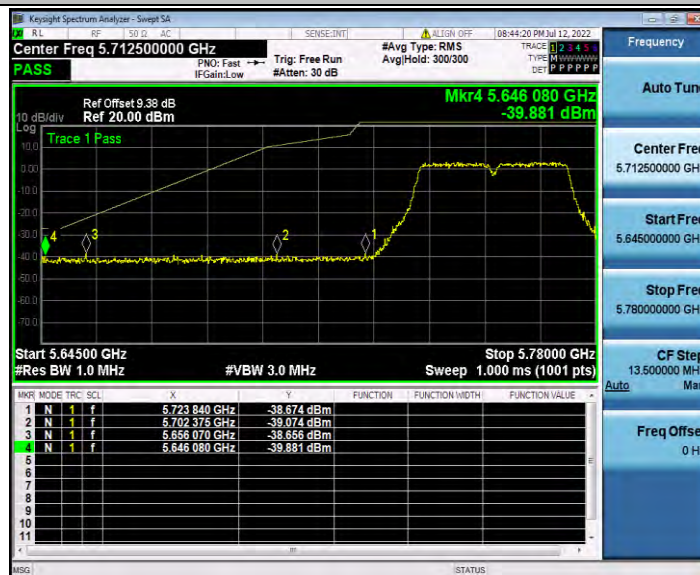
11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



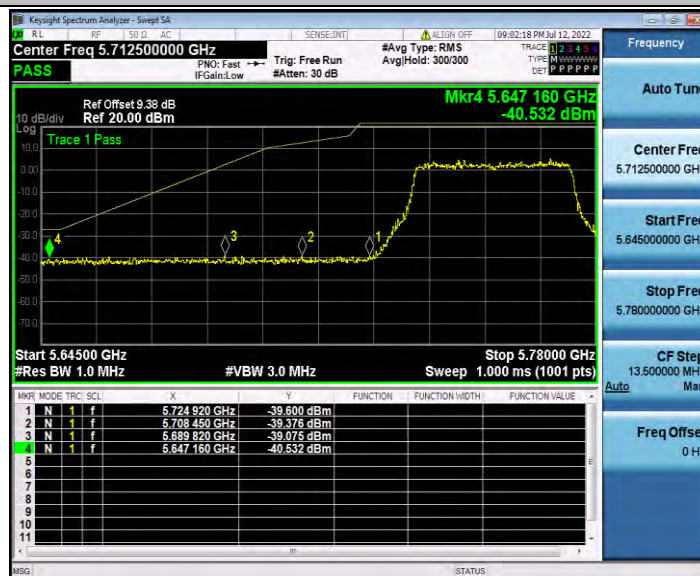
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11AX20SISO_Ant1_High_5825



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	4911.34	-40.91	≤-27	PASS
			5925~40000	24234.26	-32.92	≤-27	PASS
		5785	30~5650	5389.61	-40.28	≤-27	PASS
			5925~40000	24252.52	-31.9	≤-27	PASS
		5825	30~5650	5366.75	-40.12	≤-27	PASS
			5925~40000	25101.85	-32.94	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4667.81	-40.53	≤-27	PASS
			5925~40000	23493.12	-32.6	≤-27	PASS
		5785	30~5650	5462.67	-40.04	≤-27	PASS
			5925~40000	24282.73	-32.46	≤-27	PASS
		5825	30~5650	5491.33	-40.78	≤-27	PASS
			5925~40000	24252.52	-32.1	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5508.19	-41.24	≤-27	PASS
			5925~40000	26092.37	-32.33	≤-27	PASS
		5795	30~5650	5283.39	-40.61	≤-27	PASS
			5925~40000	23580.23	-32.82	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5478.4	-40.57	≤-27	PASS
			5925~40000	26773.09	-33.01	≤-27	PASS
		5785	30~5650	5437.19	-40.34	≤-27	PASS
			5925~40000	25174.91	-32.18	≤-27	PASS
		5825	30~5650	5427.82	-41.17	≤-27	PASS
			5925~40000	24254.63	-32.28	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5453.11	-40.63	≤-27	PASS
			5925~40000	26786.44	-32.41	≤-27	PASS
		5795	30~5650	4941.88	-40.4	≤-27	PASS
			5925~40000	26481.56	-32.36	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	2648.36	-41.24	≤-27	PASS
			5925~40000	26175.27	-32.92	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5496.95	-40.32	≤-27	PASS
			5925~40000	24270.09	-32.25	≤-27	PASS
		5785	30~5650	4903.48	-40.61	≤-27	PASS
			5925~40000	24225.13	-31.96	≤-27	PASS
		5825	30~5650	5474.28	-40.41	≤-27	PASS
			5925~40000	26532.84	-32.07	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5450.12	-40.48	≤-27	PASS
			5925~40000	23477.67	-33.17	≤-27	PASS

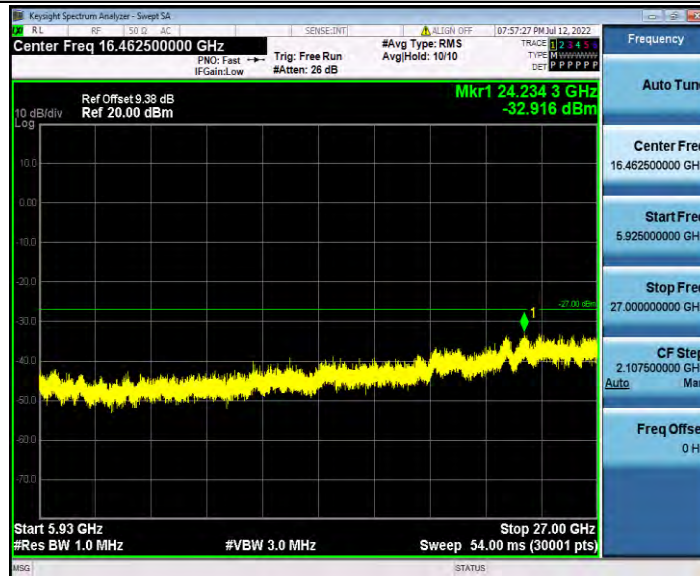
		5795	30~5650	5537.97	-39.85	≤-27	PASS
			5925~40000	25540.91	-32.41	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	5599.61	-41.15	≤-27	PASS
			5925~40000	26524.41	-32.72	≤-27	PASS

Test Graphs

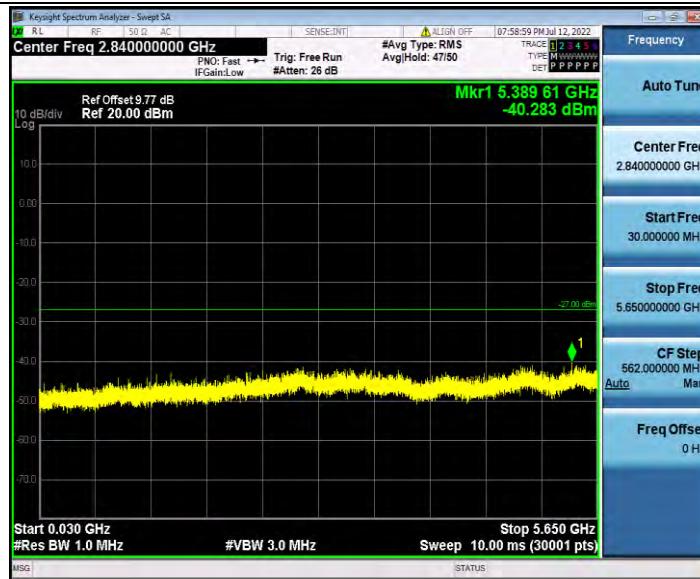
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11A_Ant1_5745_5925~40000



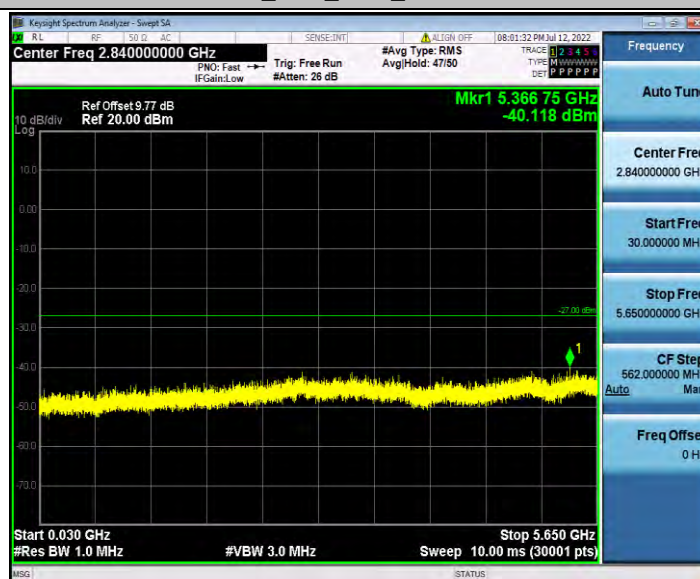
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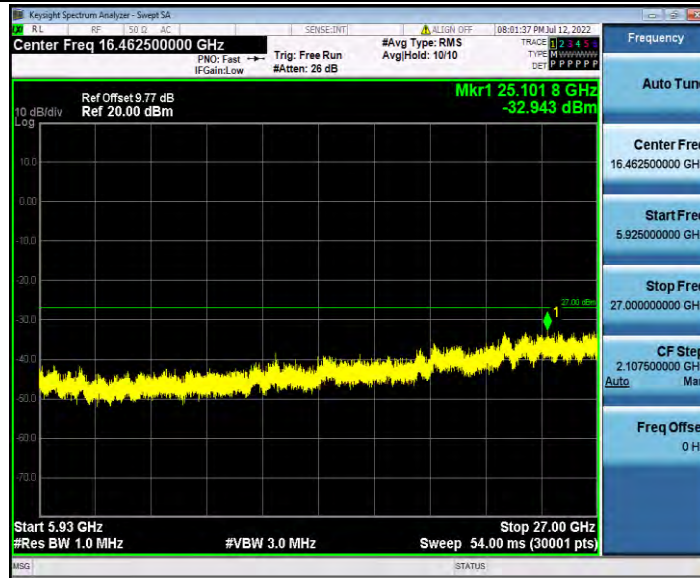
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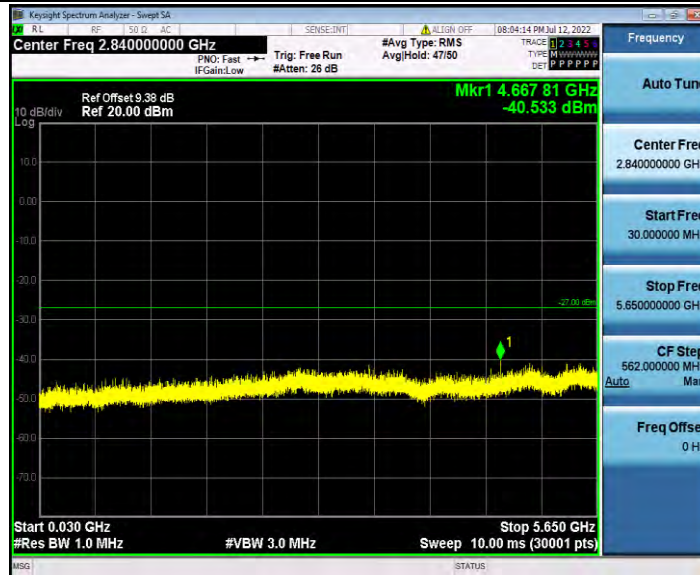
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11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



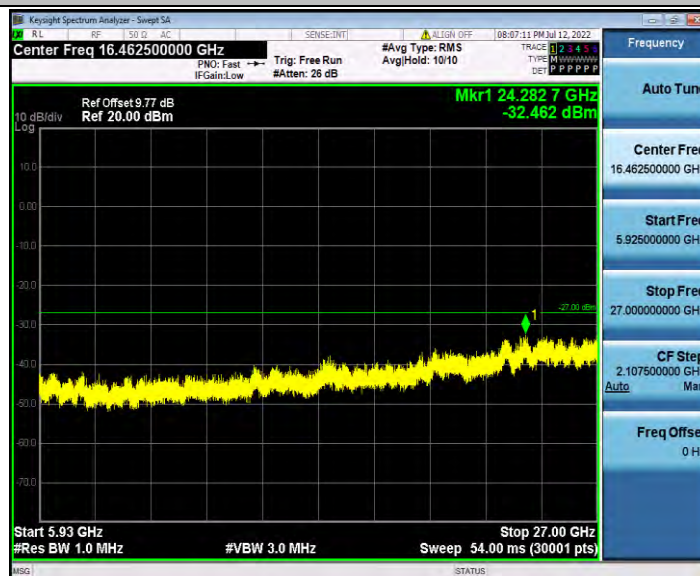
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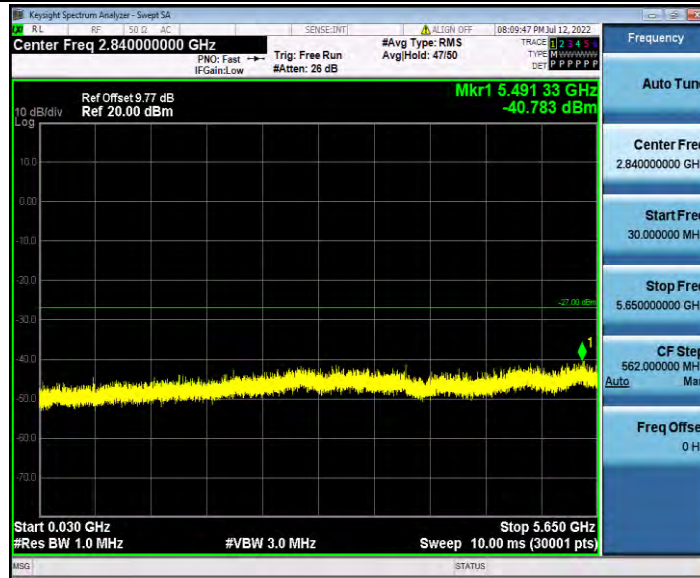
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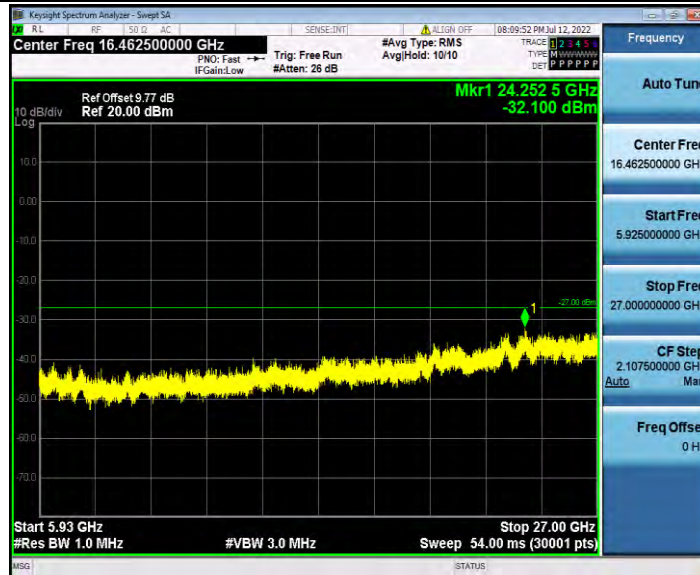
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11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000



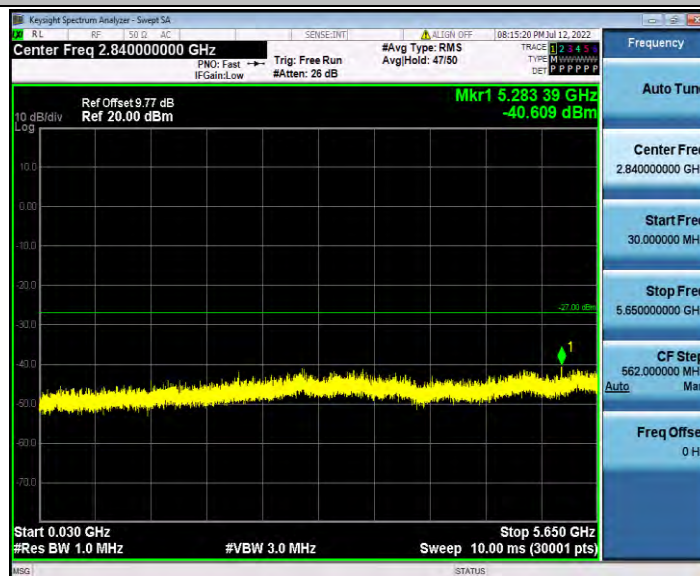
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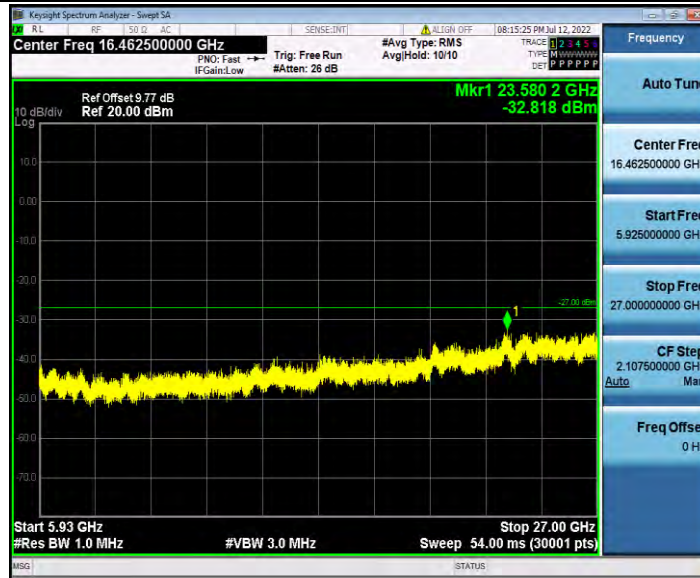
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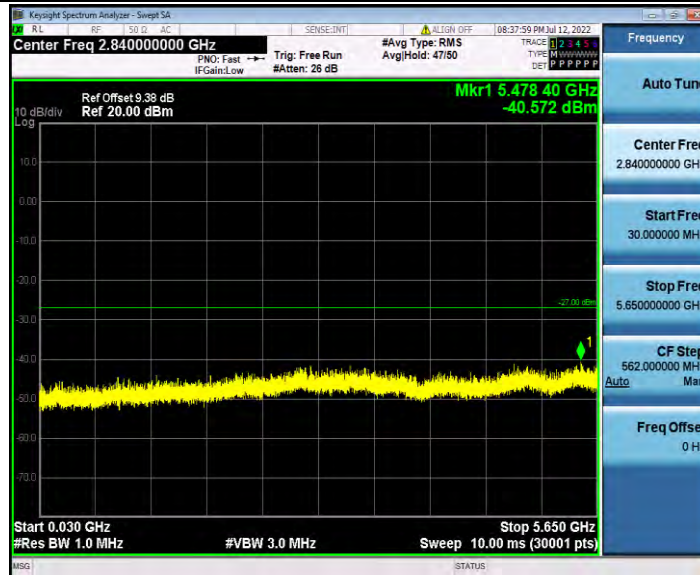
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11N40SISO_Ant1_5795_5925~40000



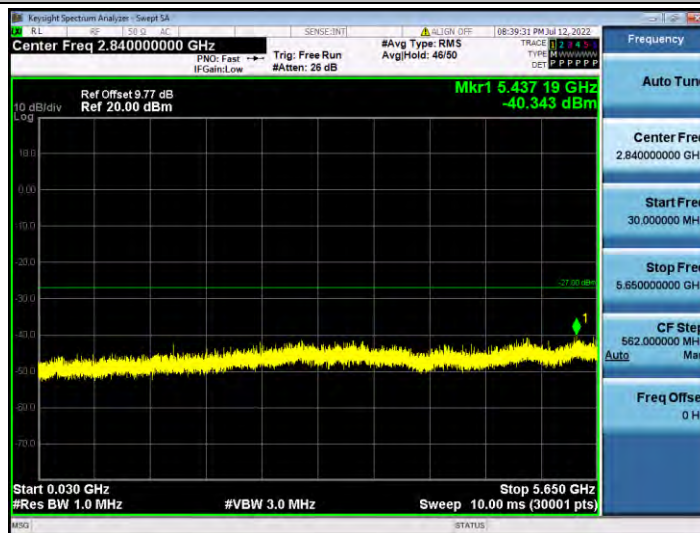
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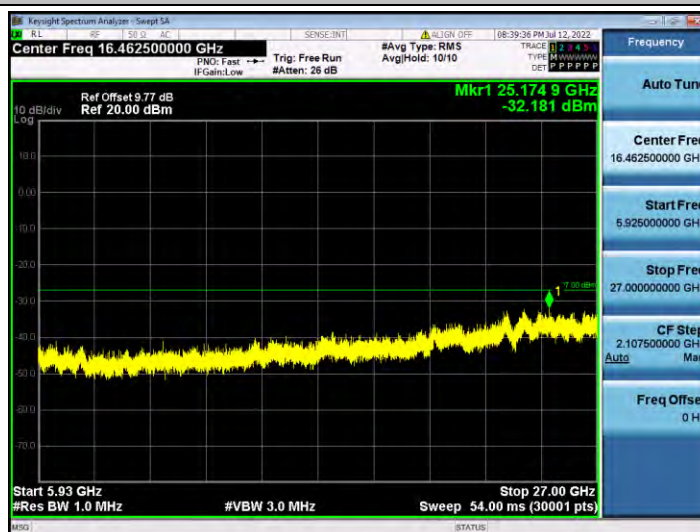
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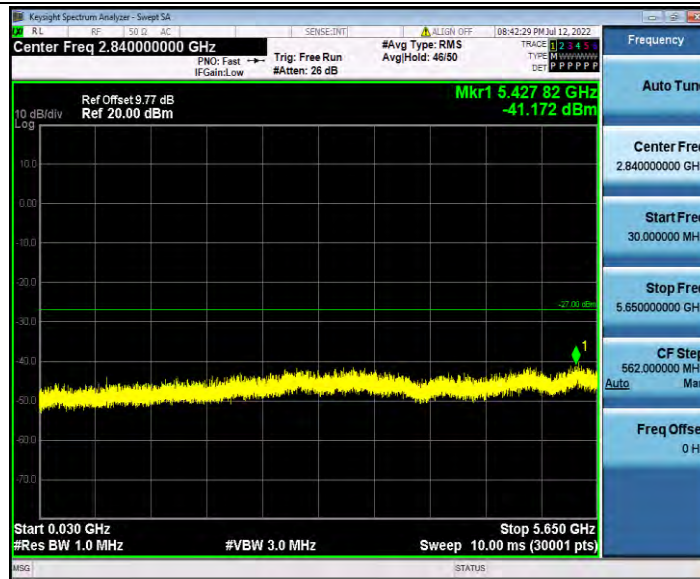
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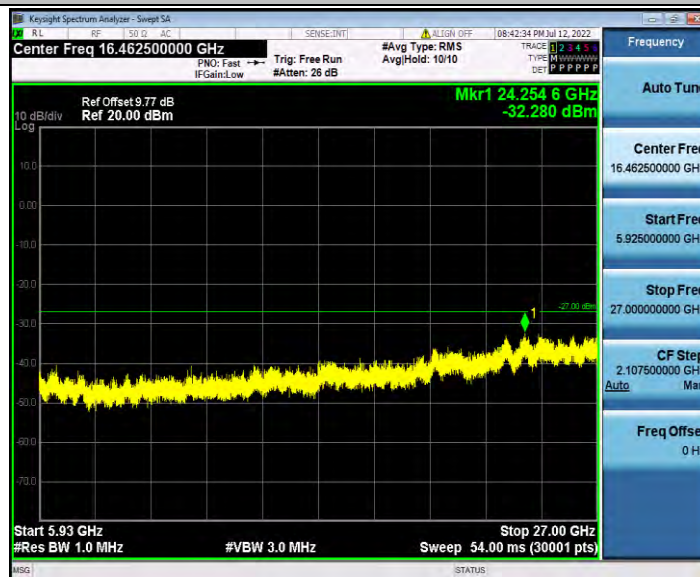
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11AC20SISO_Ant1_5825_30~5650



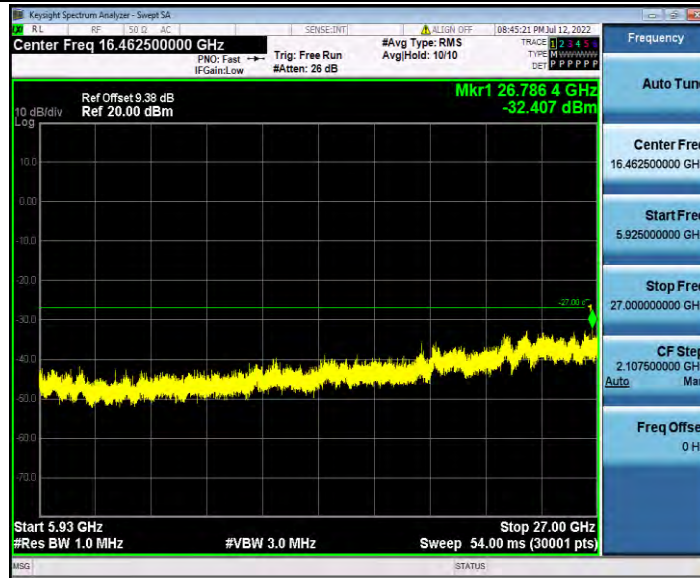
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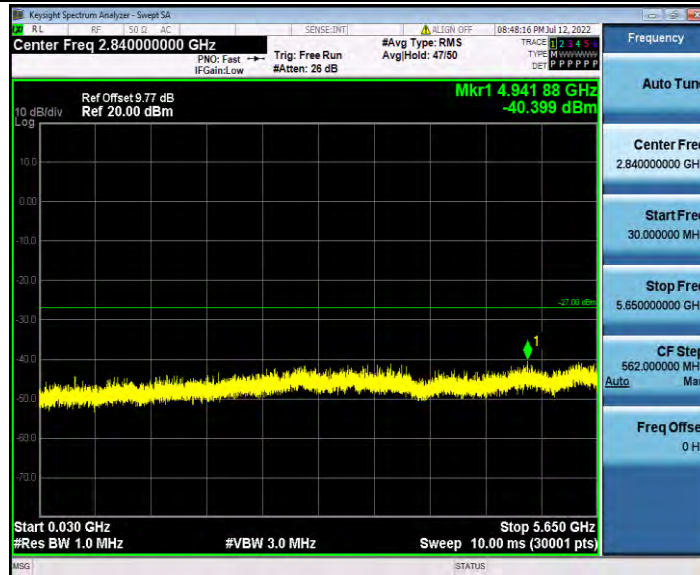
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11AC40SISO_Ant1_5755_5925~40000



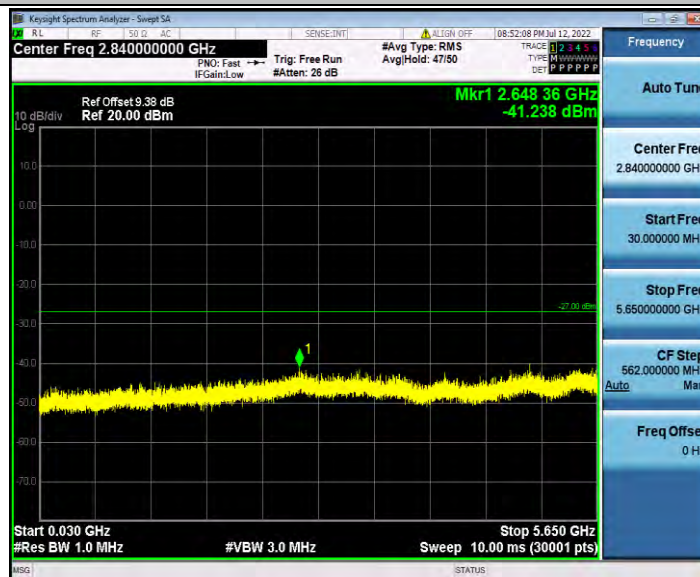
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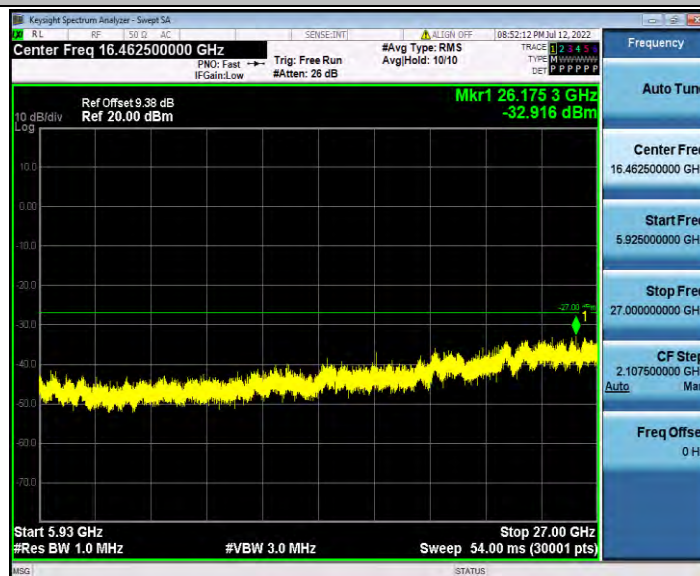
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11AC80SISO_Ant1_5775_30~5650



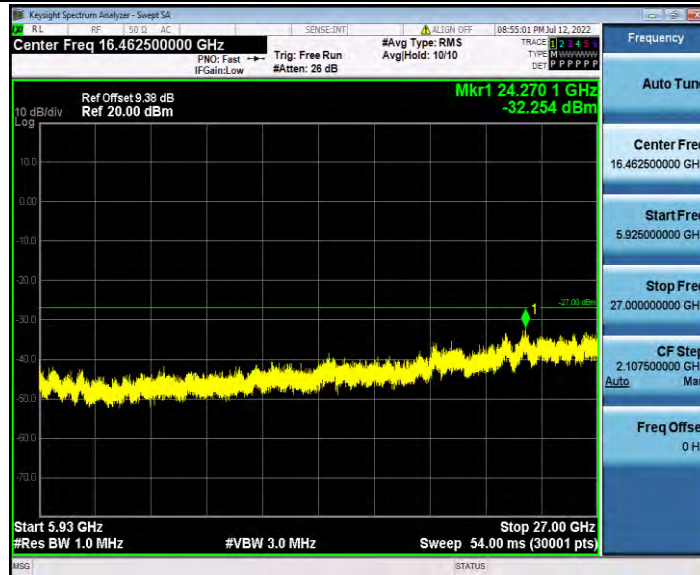
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11AX20SISO_Ant1_5745_30~5650



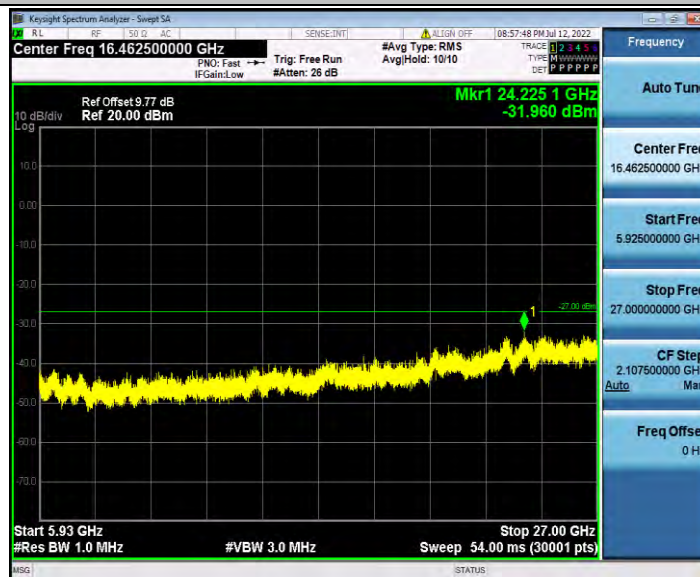
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11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~40000



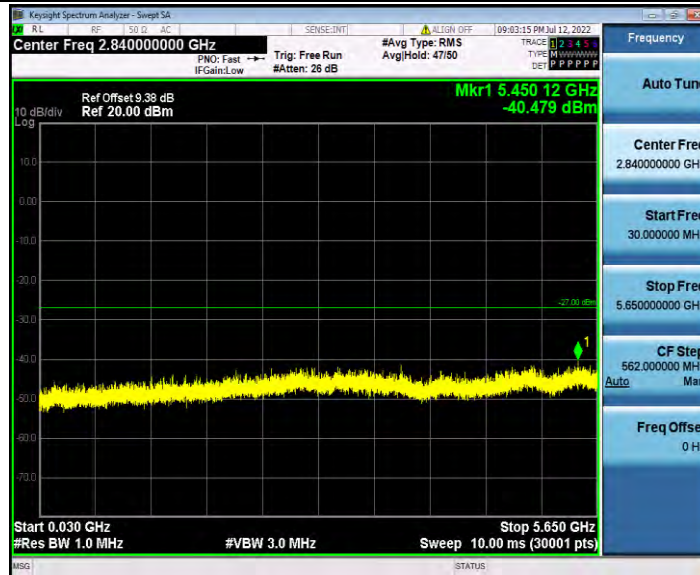
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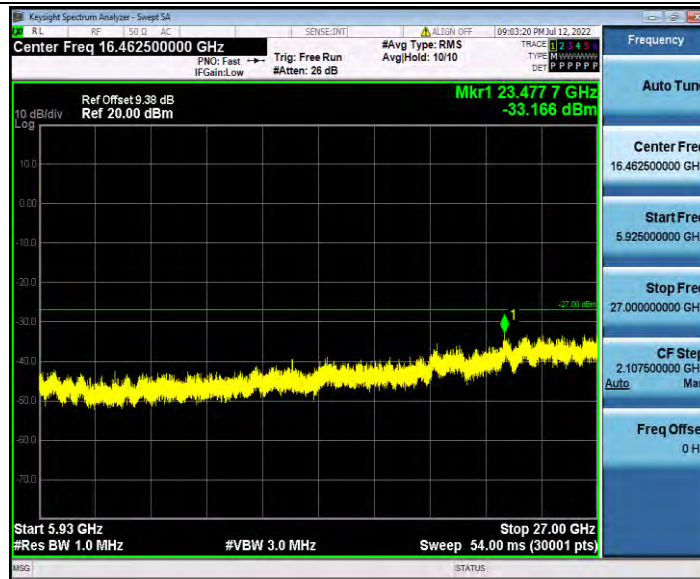
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11AX40SISO_Ant1_5755_30~5650



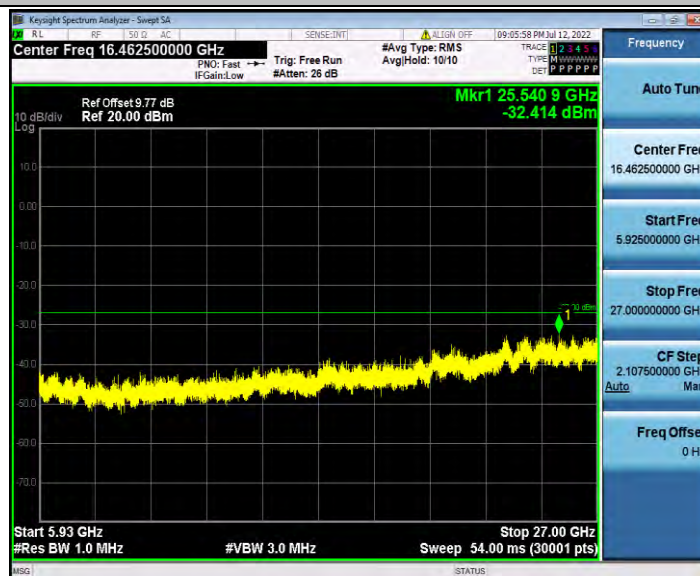
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11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000

