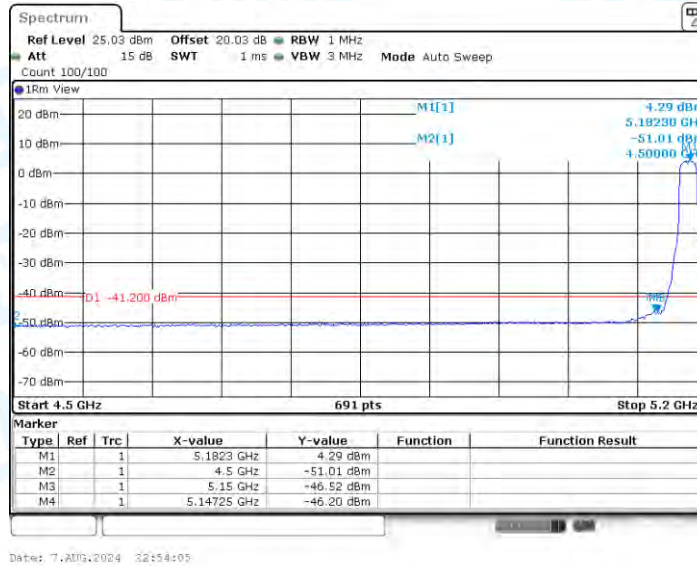
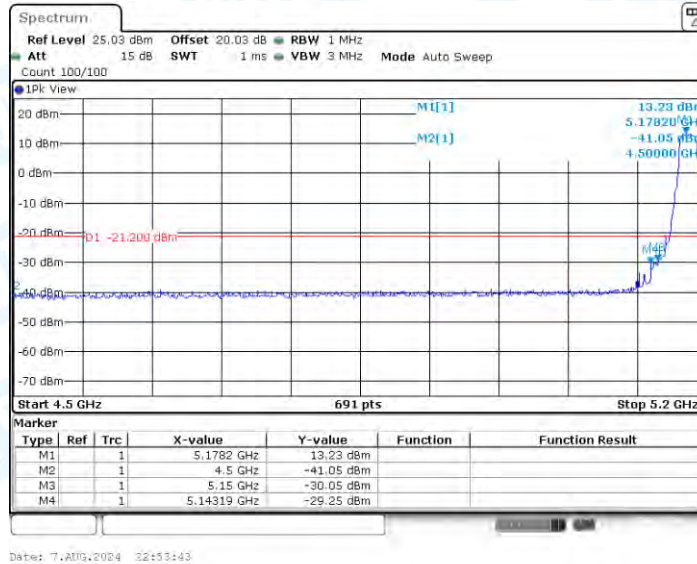
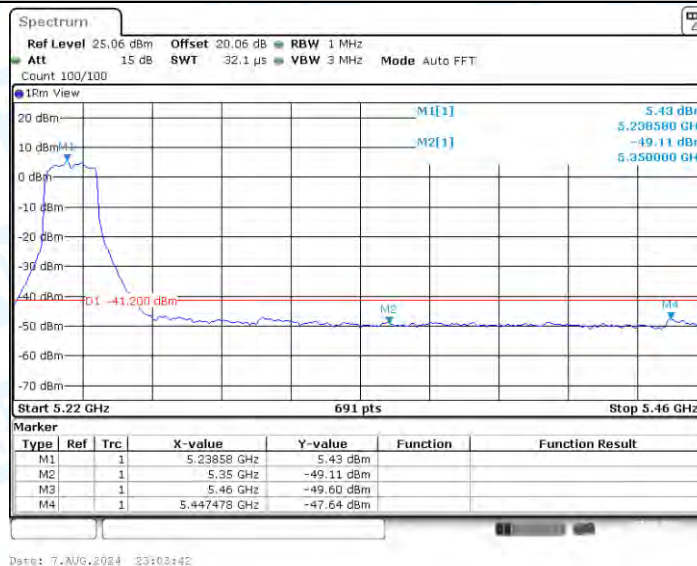




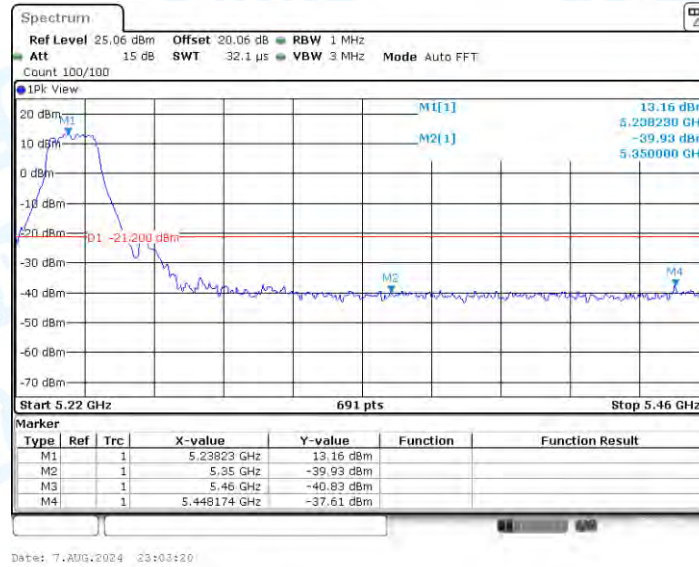
11N20SISO_Ant1_Low_5180_AV



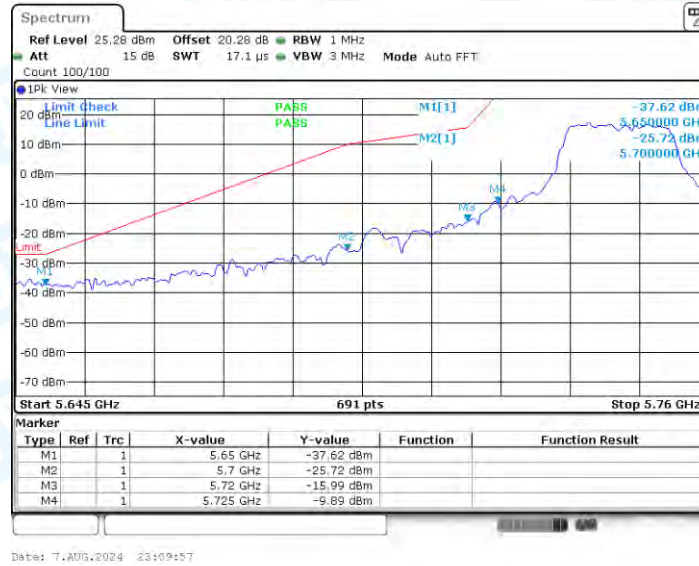
11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV



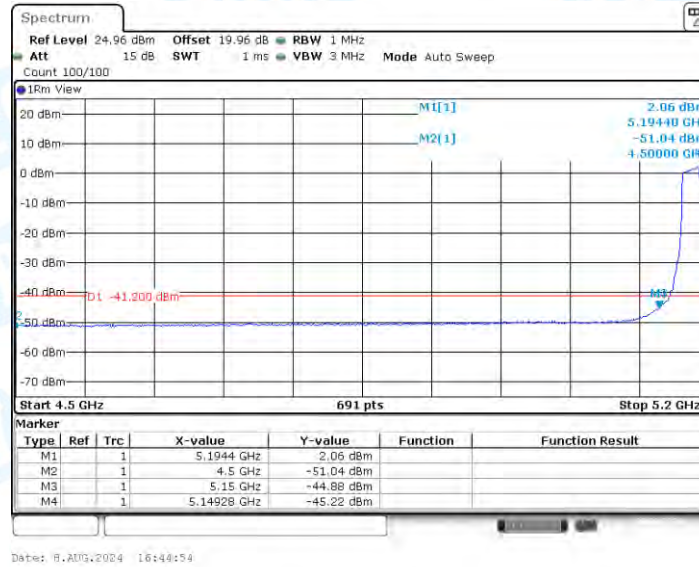
11N20SISO_Ant1_High_5240_Peak



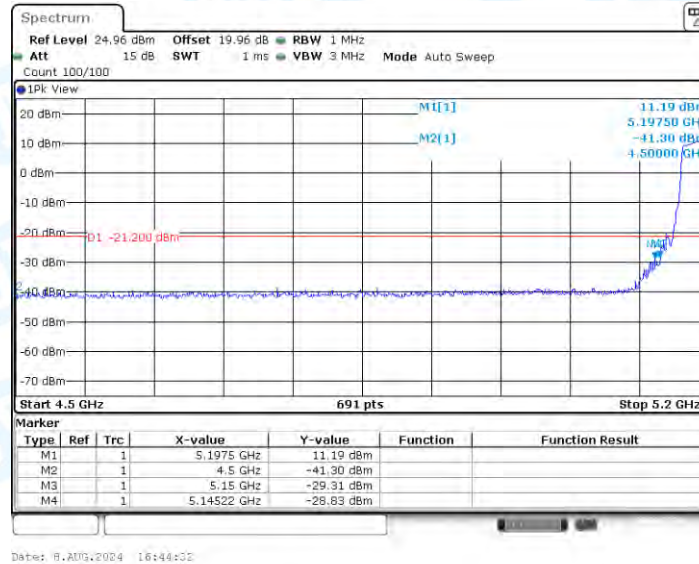
11N20SISO_Ant1_Low_5745_Peak



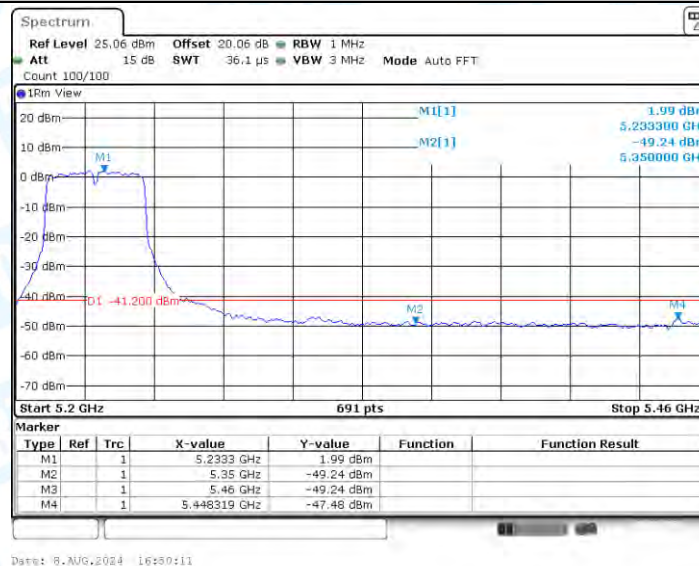
11N20SISO_Ant1_High_5825_Peak



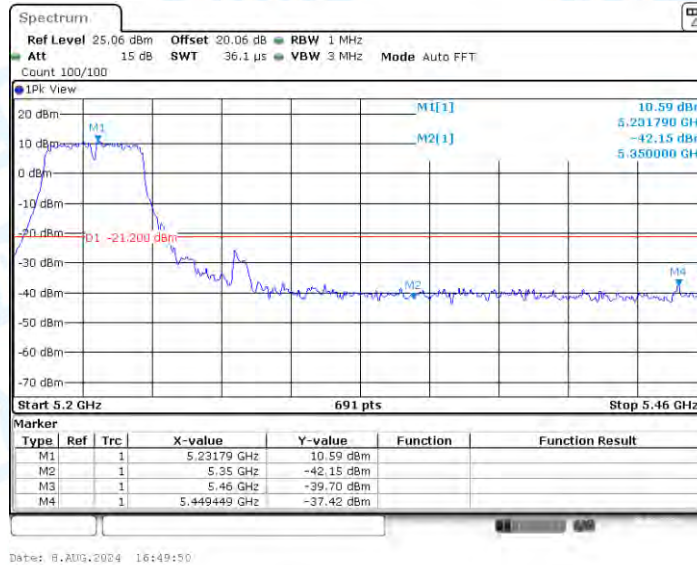
11N40SISO_Ant1_Low_5190_AV



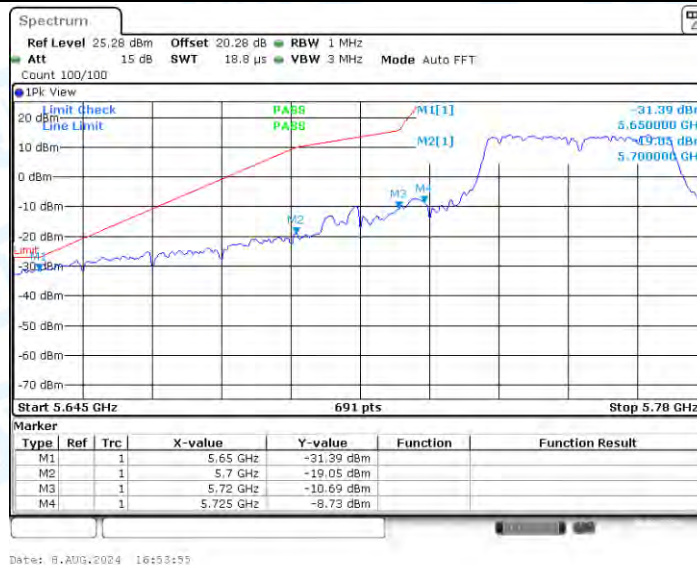
11N40SISO_Ant1_Low_5190_Peak



11N40SISO_Ant1_High_5230_AV



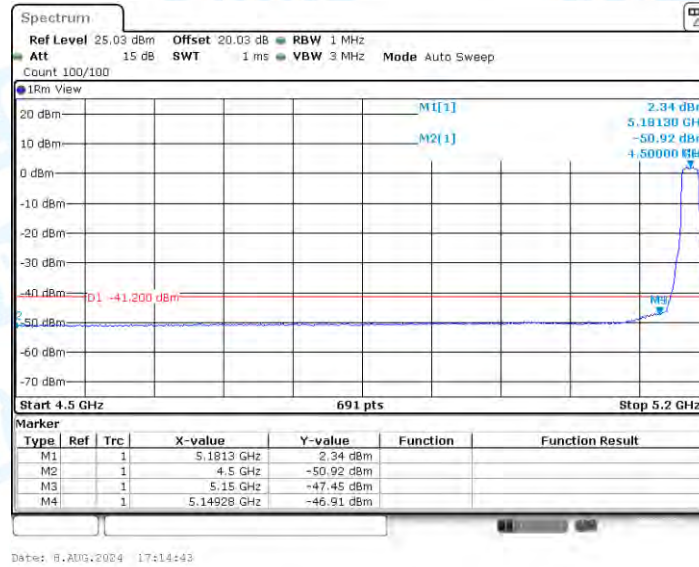
11N40SISO_Ant1_High_5230_Peak



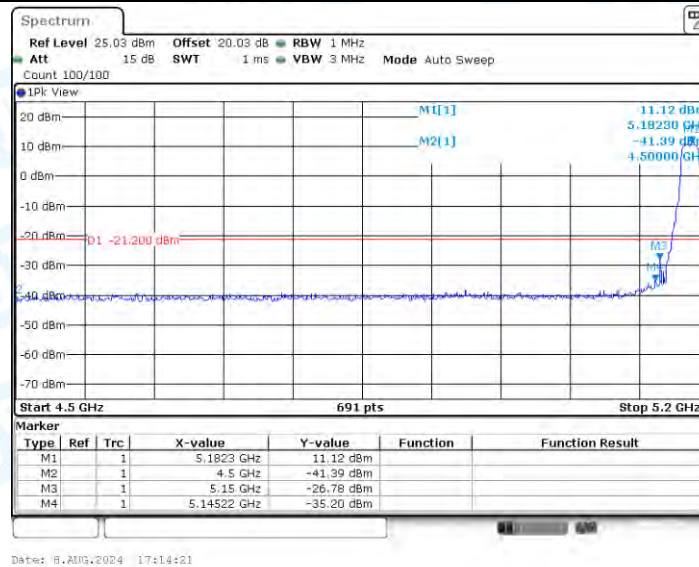
11N40SISO_Ant1_Low_5755_Peak



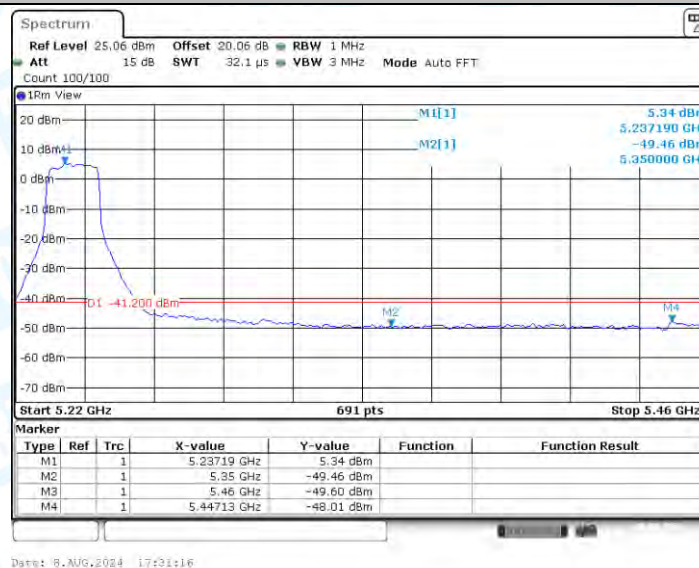
11N40SISO_Ant1_High_5795_Peak



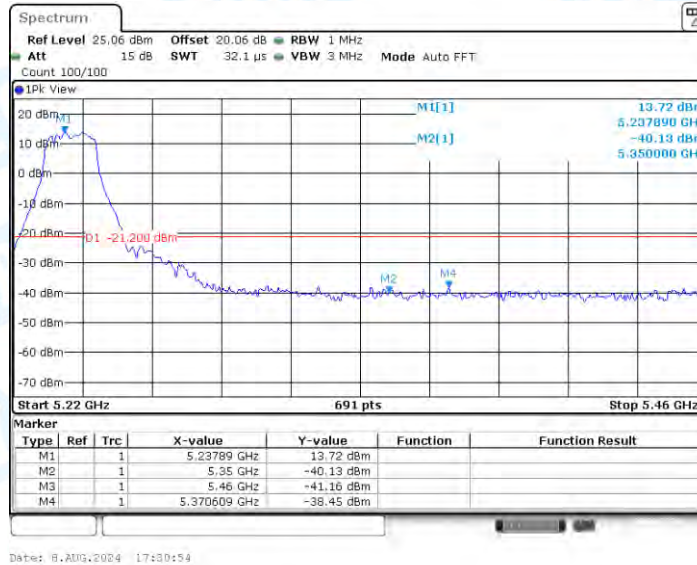
11AC20SISO_Ant1_Low_5180_AV



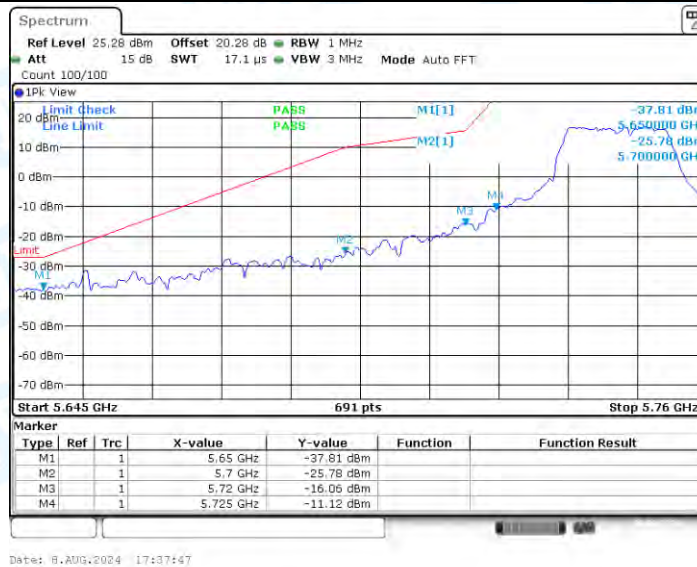
11AC20SISO_Ant1_Low_5180_Peak



11AC20SISO_Ant1_High_5240_AV



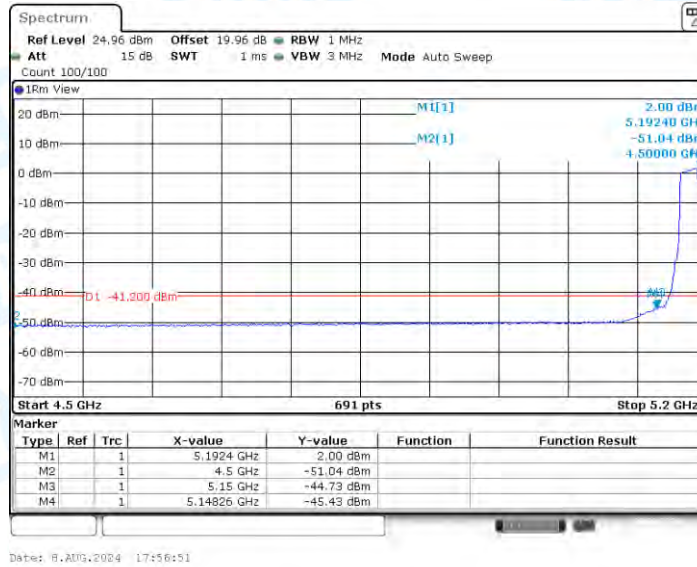
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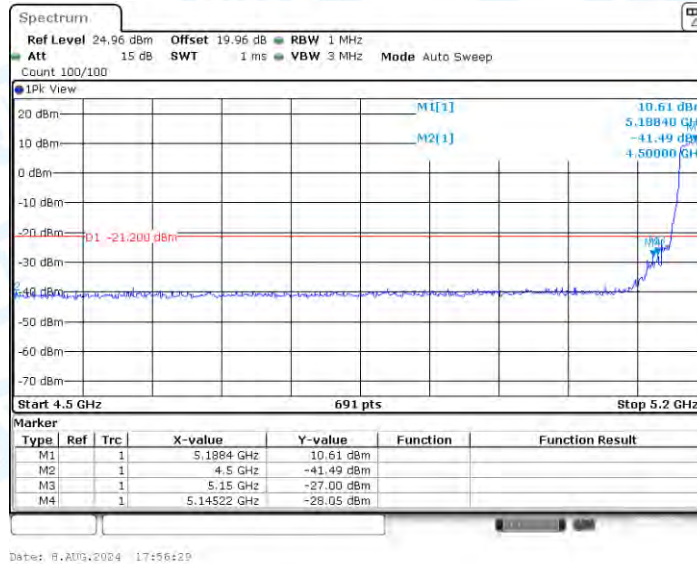
11AC20SISO_Ant1_Low_5745_Peak



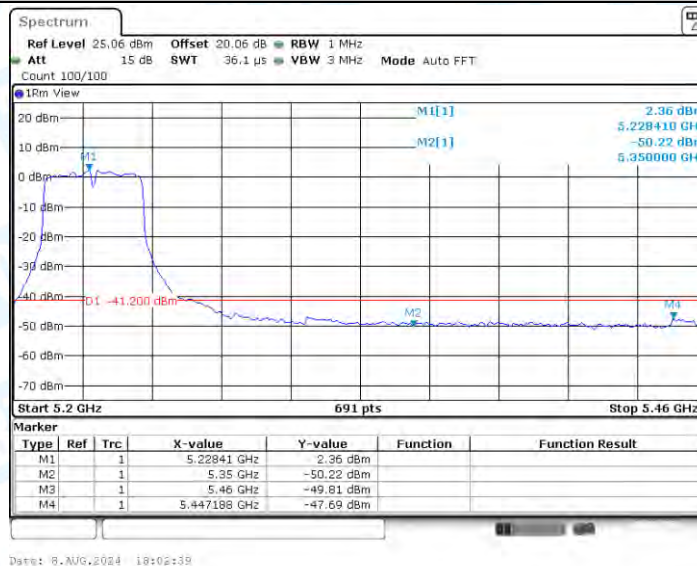
11AC20SISO_Ant1_High_5825_Peak



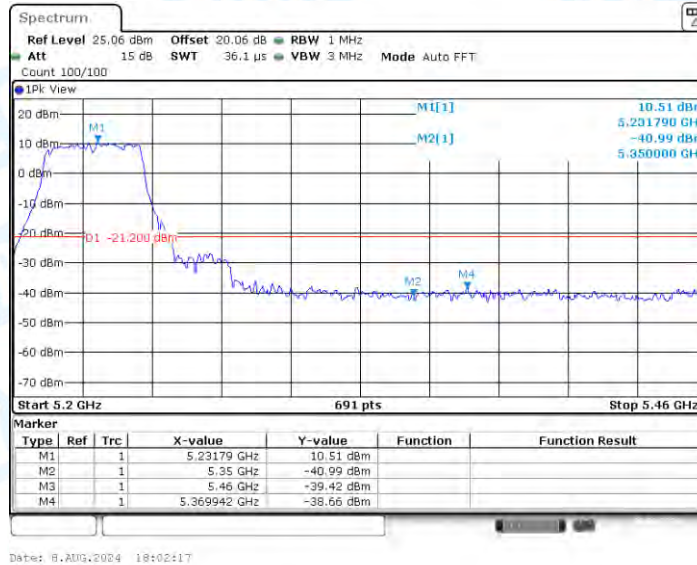
11AC40SISO_Ant1_Low_5190_AV



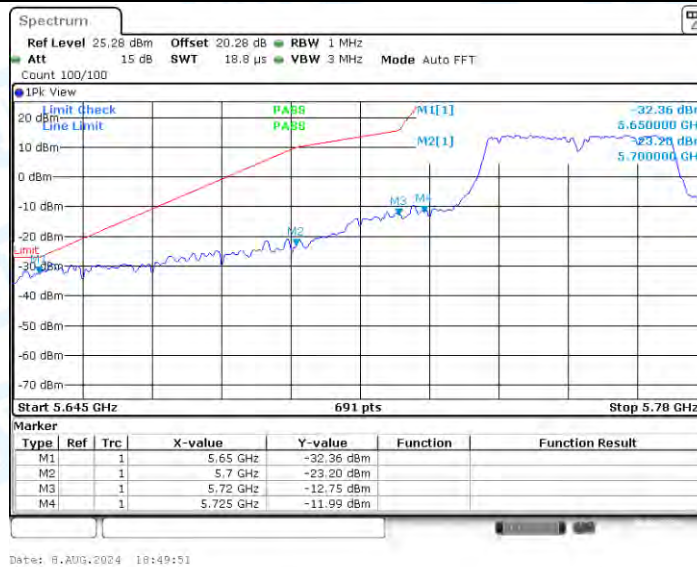
11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



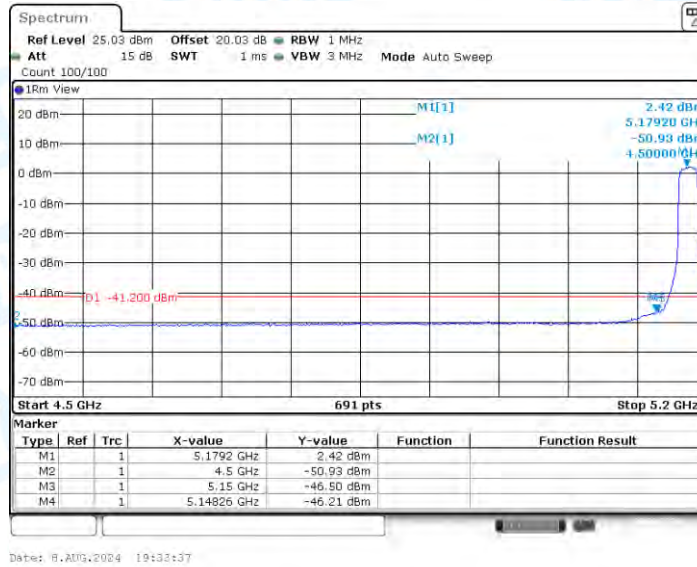
11AC40SISO_Ant1_High_5230_Peak



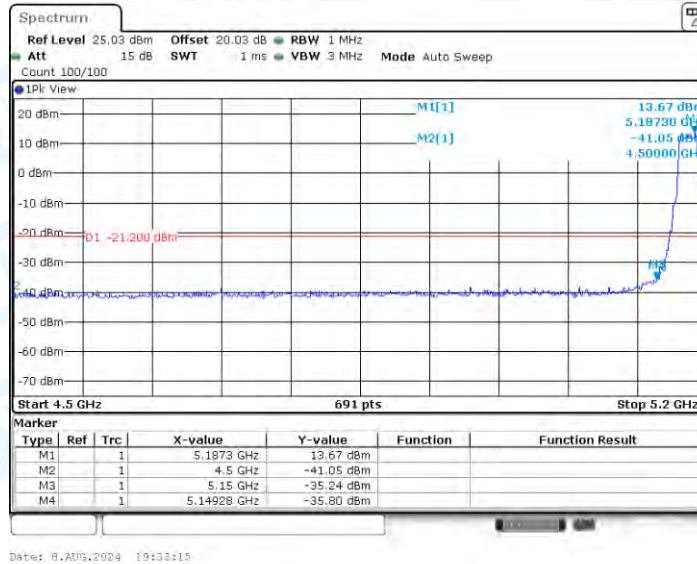
11AC40SISO_Ant1_Low_5755_Peak



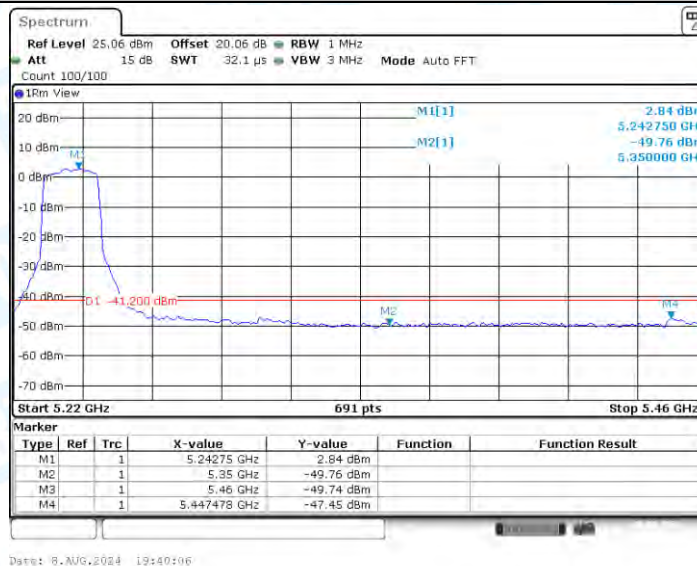
11AC40SISO_Ant1_High_5795_Peak



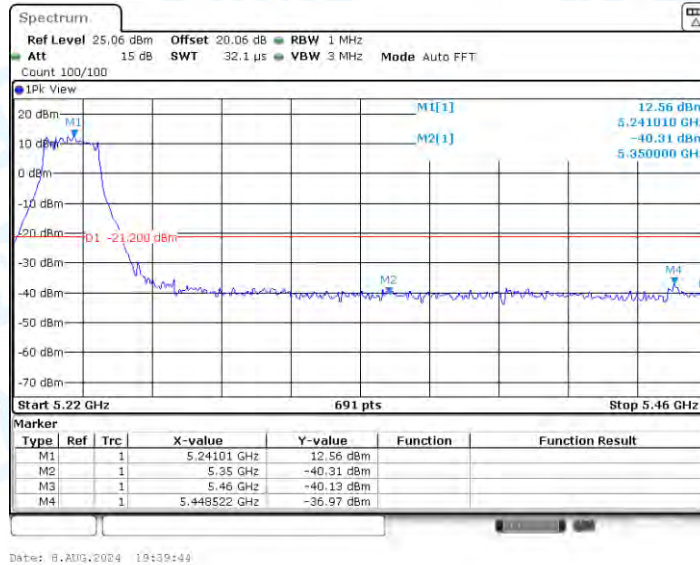
11AX20SISO_Ant1_Low_5180_AV



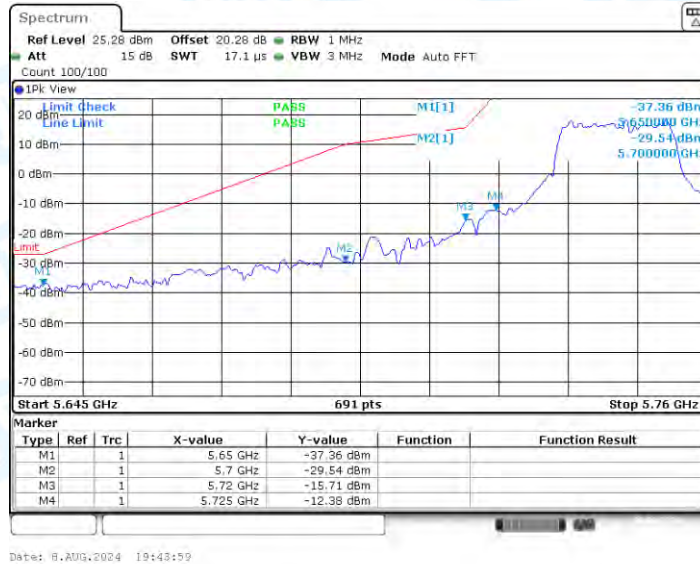
11AX20SISO_Ant1_Low_5180_Peak



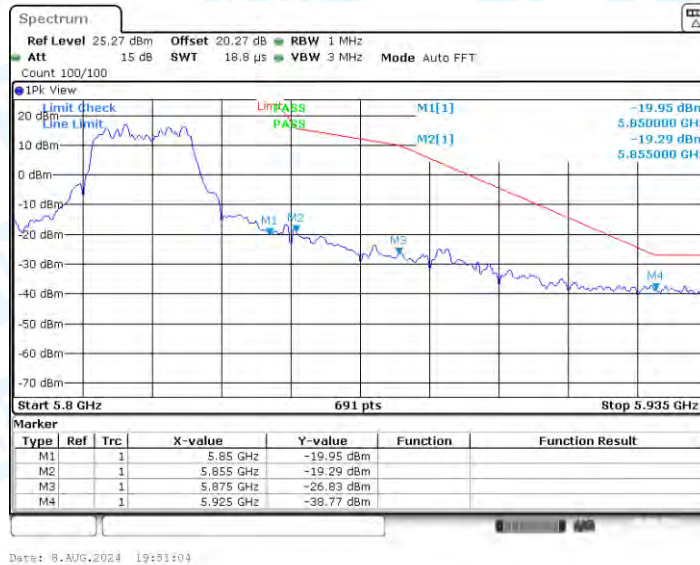
11AX20SISO_Ant1_High_5240_AV



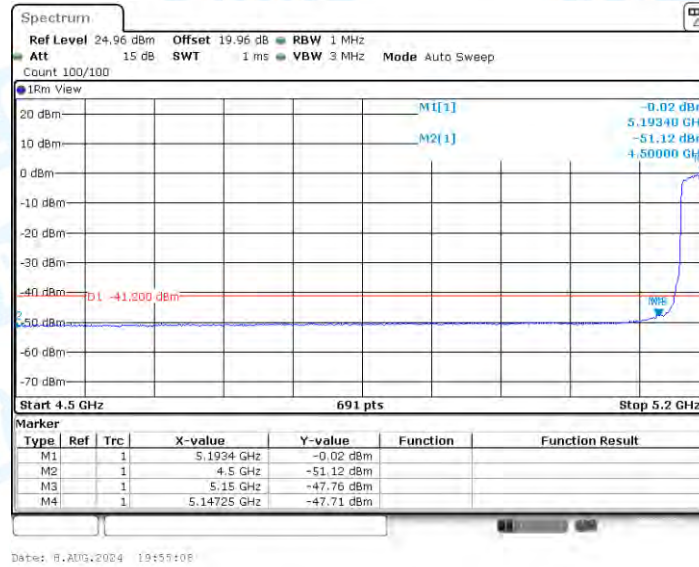
11AX20SISO_Ant1_High_5240_Peak



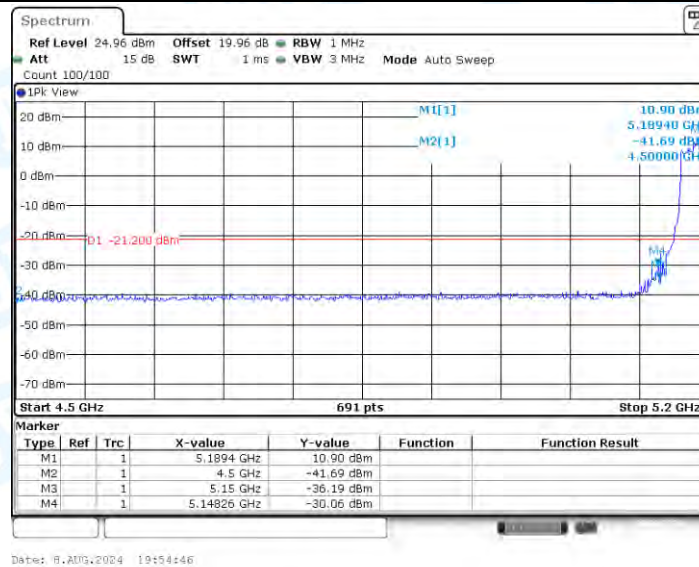
11AX20SISO_Ant1_Low_5745_Peak



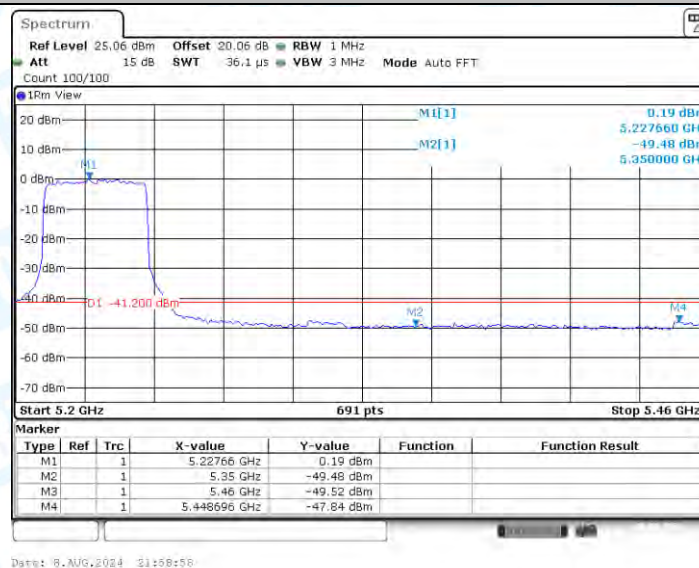
11AX20SISO_Ant1_High_5825_Peak



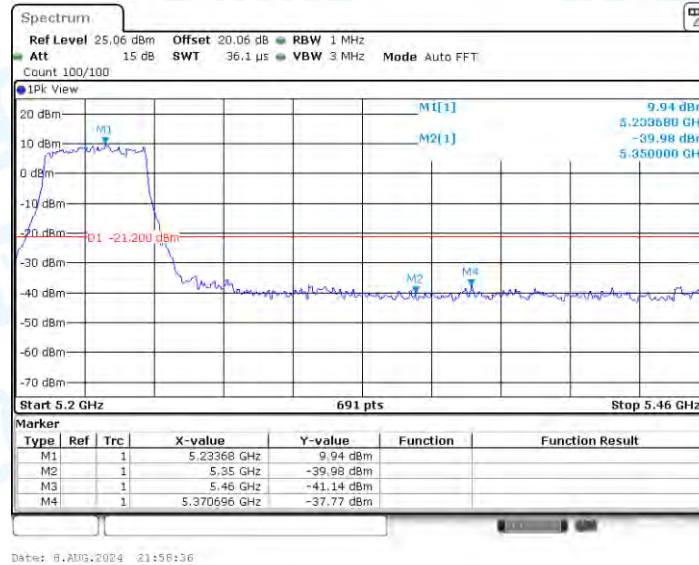
11AX40SISO_Ant1_Low_5190_AV



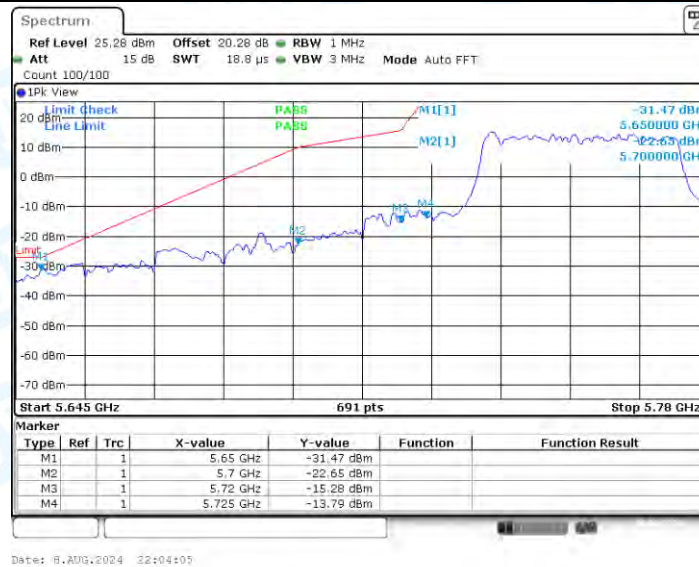
11AX40SISO_Ant1_Low_5190_Peak



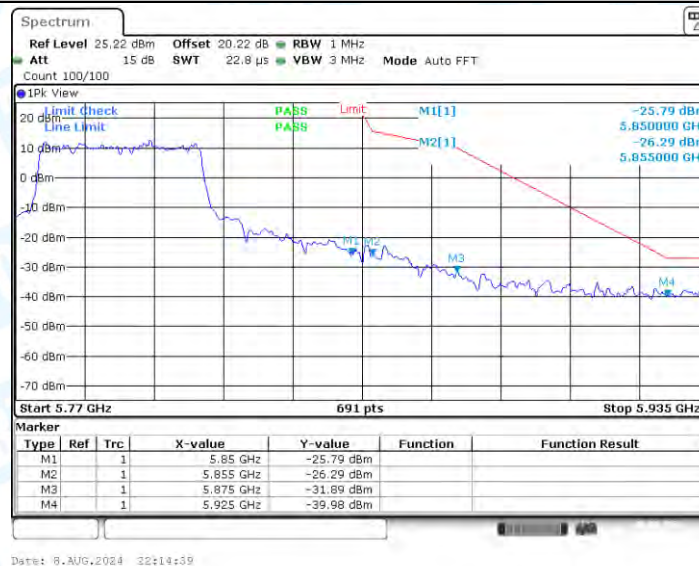
11AX40SISO_Ant1_High_5230_AV



11AX40SISO_Ant1_High_5230_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak

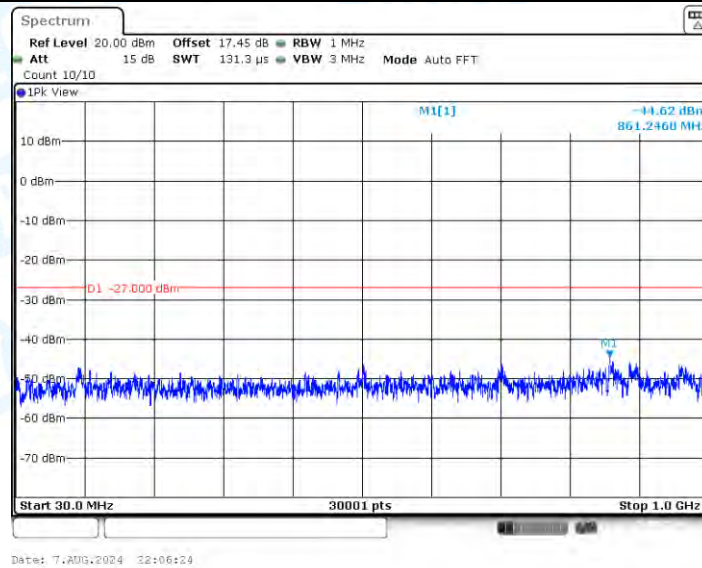
8. Conducted Spurious Emission

8.1. Test Result

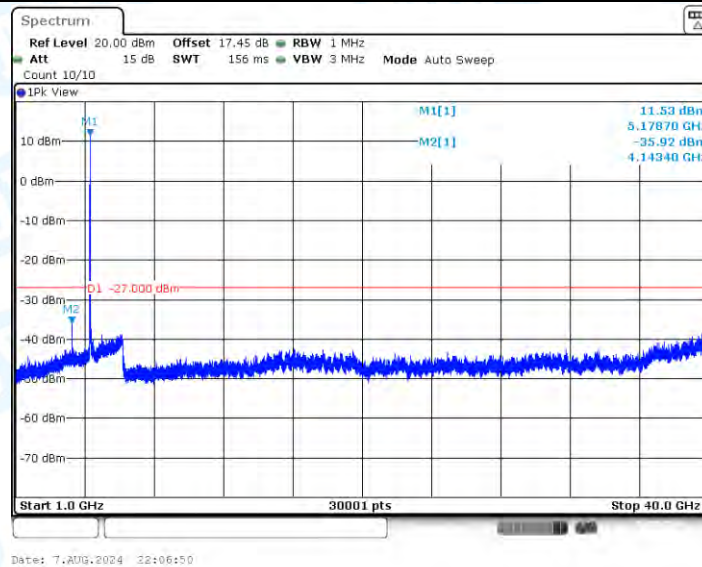
TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	861.25	-44.62	≤-27	PASS
			1000~40000	4143.4	-35.92	≤-27	PASS
		5200	30~1000	961.74	-44.45	≤-27	PASS
			1000~40000	6879.9	-37.06	≤-27	PASS
		5240	30~1000	708.48	-45.35	≤-27	PASS
			1000~40000	6942.3	-38.21	≤-27	PASS
		5745	30~1000	860.05	-43.01	≤-27	PASS
			1000~40000	5829.5	-37.6	≤-27	PASS
		5785	30~1000	892.84	-44.88	≤-27	PASS
			1000~40000	5868.5	-35.86	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	888.44	-43.36	≤-27	PASS
			1000~40000	6991.7	-38.01	≤-27	PASS
		5200	30~1000	890.22	-45.02	≤-27	PASS
			1000~40000	39669.8	-38.44	≤-27	PASS
		5240	30~1000	863.93	-45.5	≤-27	PASS
			1000~40000	6977.4	-38.05	≤-27	PASS
		5745	30~1000	890.41	-45.11	≤-27	PASS
			1000~40000	5826.9	-36.75	≤-27	PASS
		5785	30~1000	861.44	-46.18	≤-27	PASS
			1000~40000	5869.8	-36.58	≤-27	PASS
11N40SISO	Ant1	5190	30~1000	959.08	-45.66	≤-27	PASS
			1000~40000	6840.9	-36.96	≤-27	PASS
		5230	30~1000	511.64	-45.11	≤-27	PASS
			1000~40000	6985.2	-38.69	≤-27	PASS
		5755	30~1000	867.52	-45.95	≤-27	PASS
			1000~40000	6996.9	-37.46	≤-27	PASS
11AC20SISO	Ant1	5180	30~1000	706.38	-43.05	≤-27	PASS
			1000~40000	5652.7	-35.56	≤-27	PASS
		5200	30~1000	959.12	-45.65	≤-27	PASS
			1000~40000	6912.4	-37.52	≤-27	PASS
		5240	30~1000	708.83	-44.18	≤-27	PASS
			1000~40000	6978.7	-38.04	≤-27	PASS
		5745	30~1000	961.57	-45.04	≤-27	PASS
			1000~40000	6965.7	-38.4	≤-27	PASS
		5745	30~1000	967.33	-44.84	≤-27	PASS
			1000~40000	967.33	-44.84	≤-27	PASS

		5785	1000~40000	5664.4	-34.66	≤-27	PASS
			30~1000	862.25	-44.81	≤-27	PASS
		5825	1000~40000	5703.4	-35.32	≤-27	PASS
			30~1000	510.31	-45.02	≤-27	PASS
11AC40SISO	Ant1	5190	1000~40000	5906.2	-33.93	≤-27	PASS
			30~1000	861.02	-44.76	≤-27	PASS
		5230	1000~40000	6905.9	-37.44	≤-27	PASS
			30~1000	895.45	-45.97	≤-27	PASS
		5755	1000~40000	6998.2	-38.5	≤-27	PASS
			30~1000	963.51	-44.73	≤-27	PASS
		5795	1000~40000	5589	-37.83	≤-27	PASS
			30~1000	859.86	-45.76	≤-27	PASS
		5795	1000~40000	6907.2	-37.57	≤-27	PASS
			30~1000	861.02	-44.76	≤-27	PASS
11AX20SISO	Ant1	5180	1000~40000	6989.1	-38.13	≤-27	PASS
			30~1000	889.34	-44.46	≤-27	PASS
		5200	1000~40000	6995.6	-37.5	≤-27	PASS
			30~1000	860.21	-45.45	≤-27	PASS
		5240	1000~40000	6847.4	-38.28	≤-27	PASS
			30~1000	862.18	-45.08	≤-27	PASS
		5745	1000~40000	5826.9	-37.79	≤-27	PASS
			30~1000	860.37	-45.17	≤-27	PASS
		5785	1000~40000	5868.5	-37	≤-27	PASS
			30~1000	959.6	-43.06	≤-27	PASS
11AX40SISO	Ant1	5190	1000~40000	6977.4	-38.3	≤-27	PASS
			30~1000	961.12	-44.06	≤-27	PASS
		5230	1000~40000	6912.4	-37.97	≤-27	PASS
			30~1000	888.24	-43.1	≤-27	PASS
		5755	1000~40000	6934.5	-37.83	≤-27	PASS
			30~1000	707.73	-44.22	≤-27	PASS
		5795	1000~40000	5956.9	-37.03	≤-27	PASS
			30~1000	889.38	-45.32	≤-27	PASS
		5795	1000~40000	5956.9	-37.03	≤-27	PASS
			30~1000	889.38	-45.32	≤-27	PASS

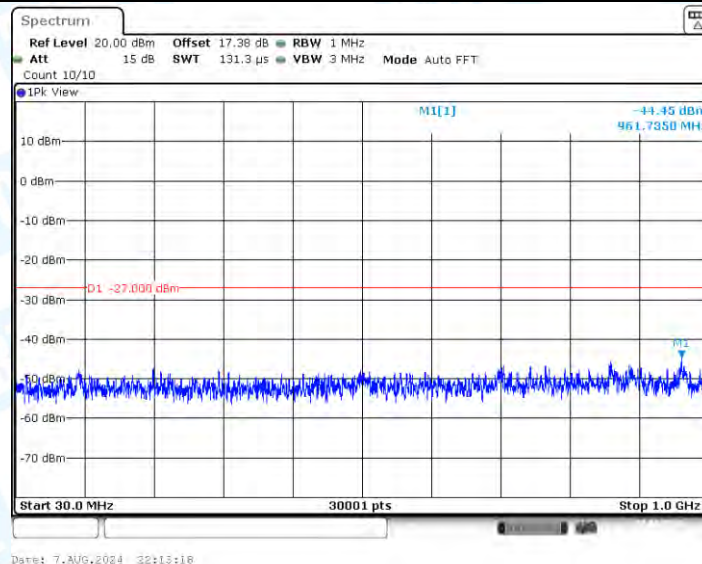
8.2. Test Graphs



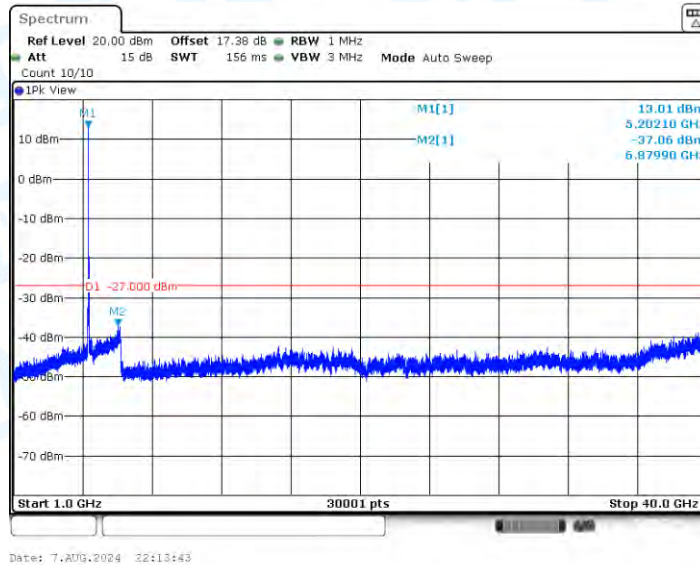
11A_Ant1_5180_30~1000



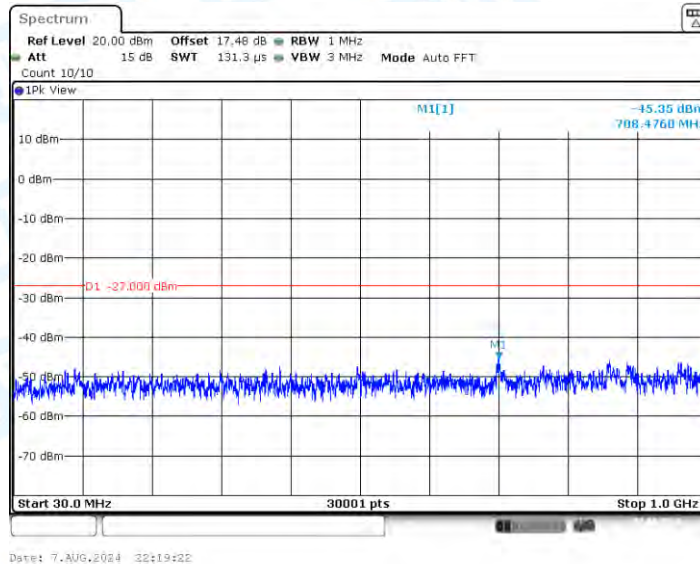
11A_Ant1_5180_1000~40000



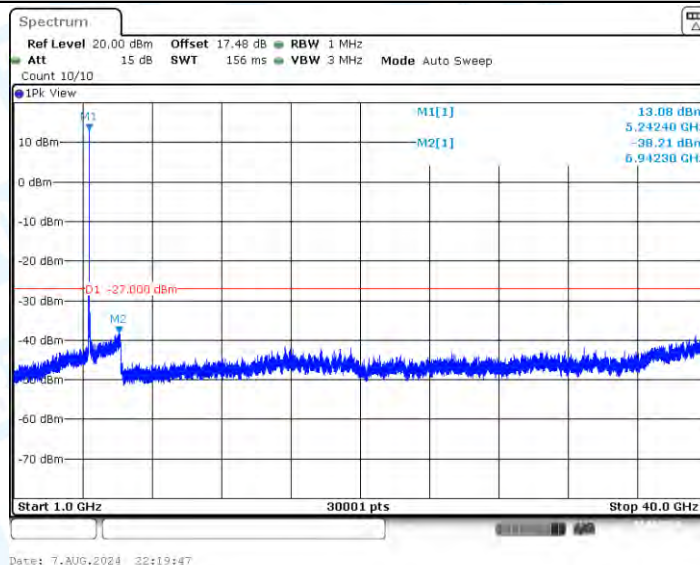
11A_Ant1_5200_30~1000



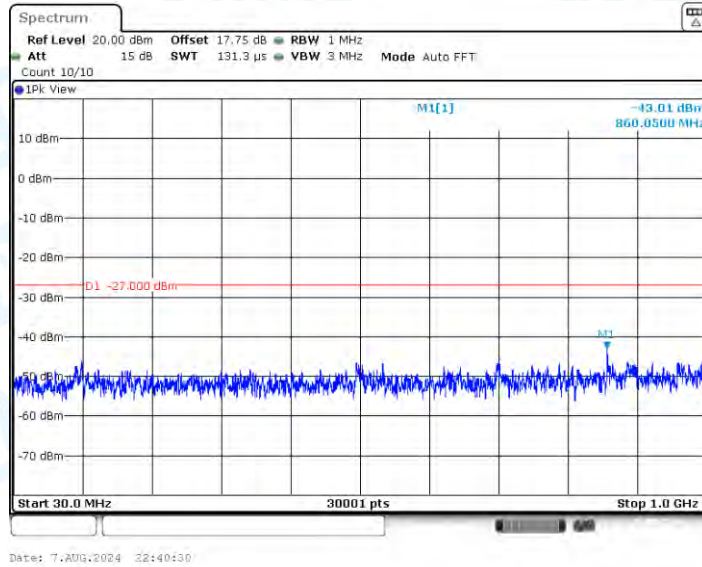
11A_Ant1_5200_1000~40000



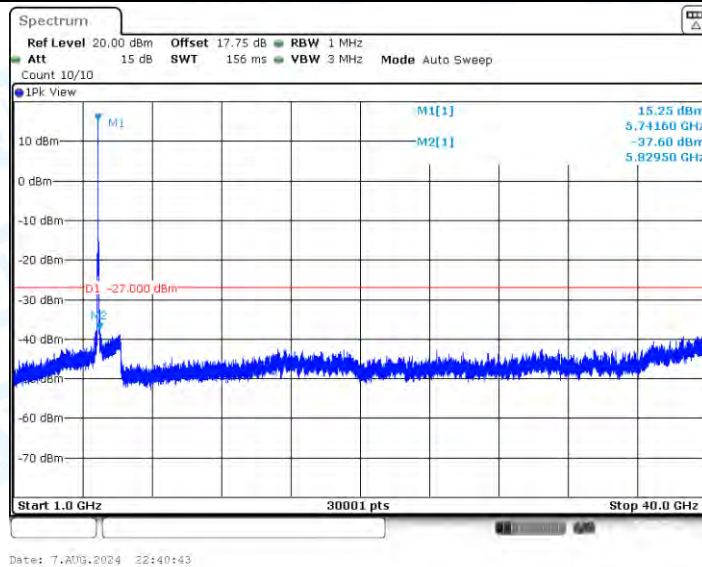
11A_Ant1_5240_30~1000



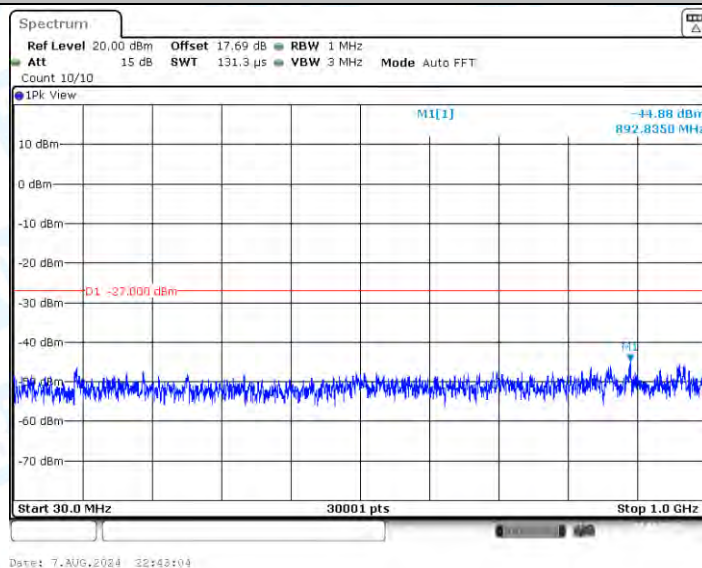
11A_Ant1_5240_1000~40000



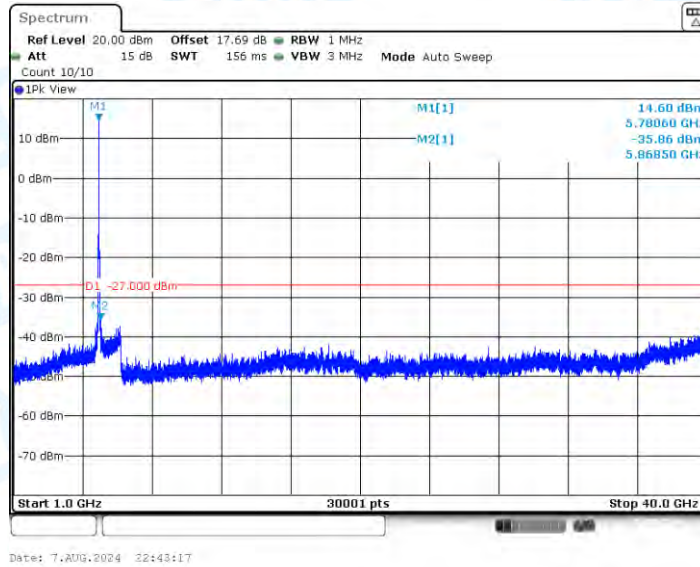
11A_Ant1_5745_30~1000



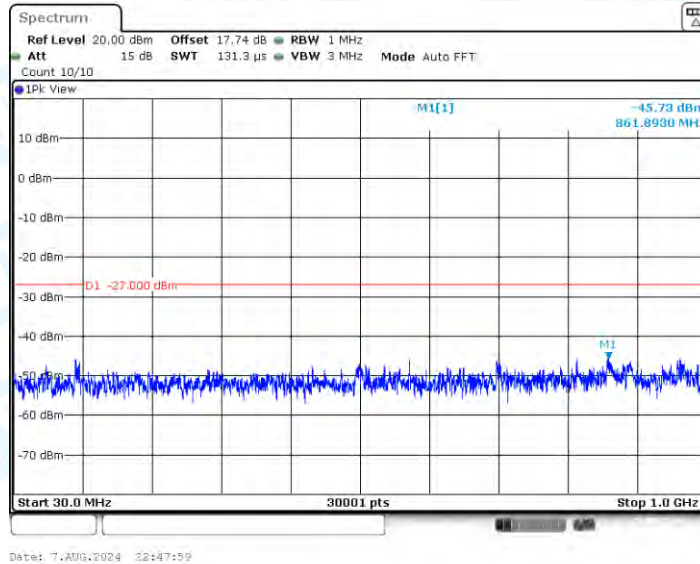
11A_Ant1_5745_1000~40000



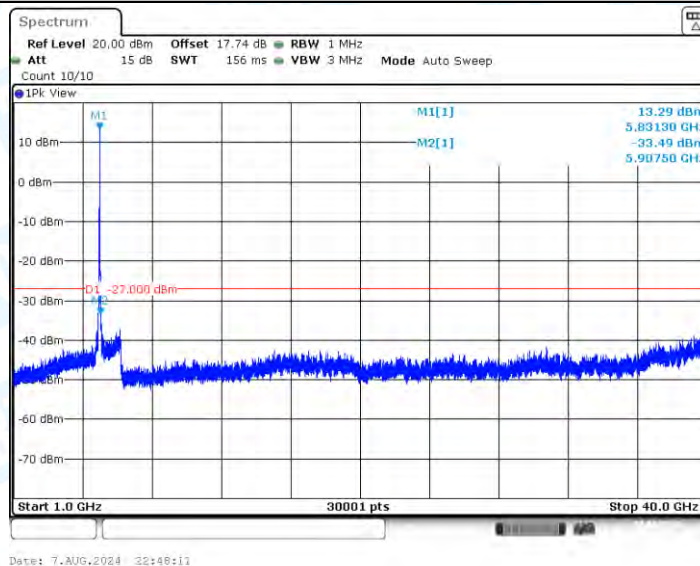
11A_Ant1_5785_30~1000



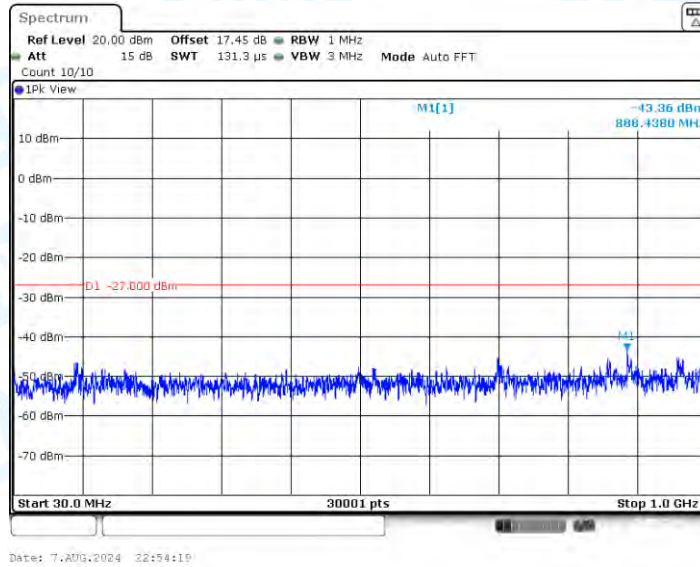
11A_Ant1_5785_1000~40000



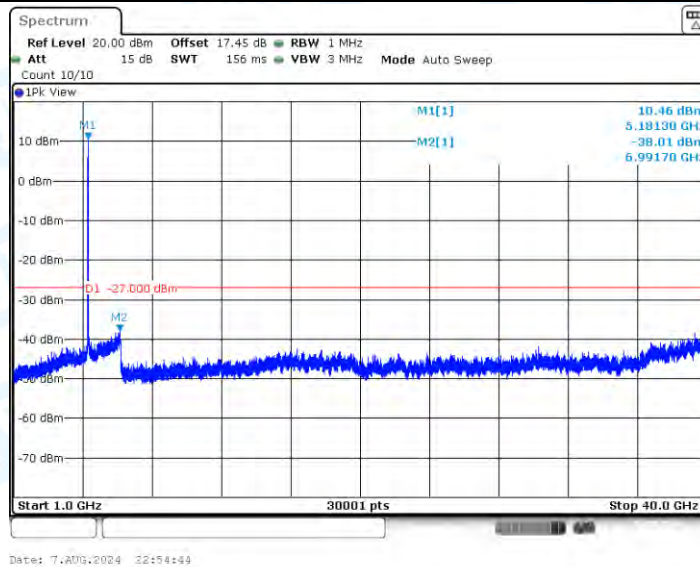
11A_Ant1_5825_30~1000



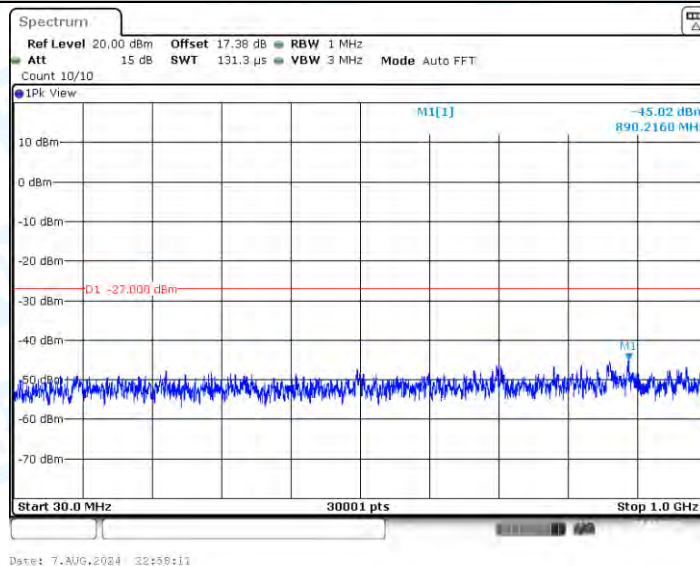
11A_Ant1_5825_1000~40000



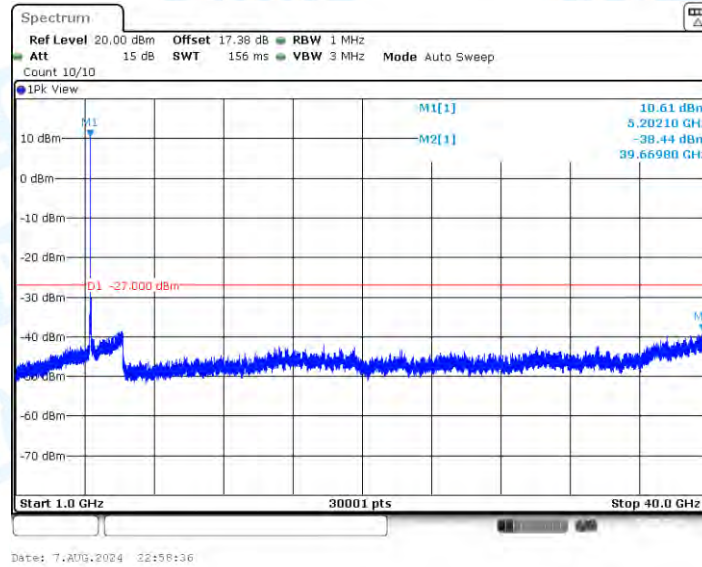
11N20SISO_Ant1_5180_30~1000



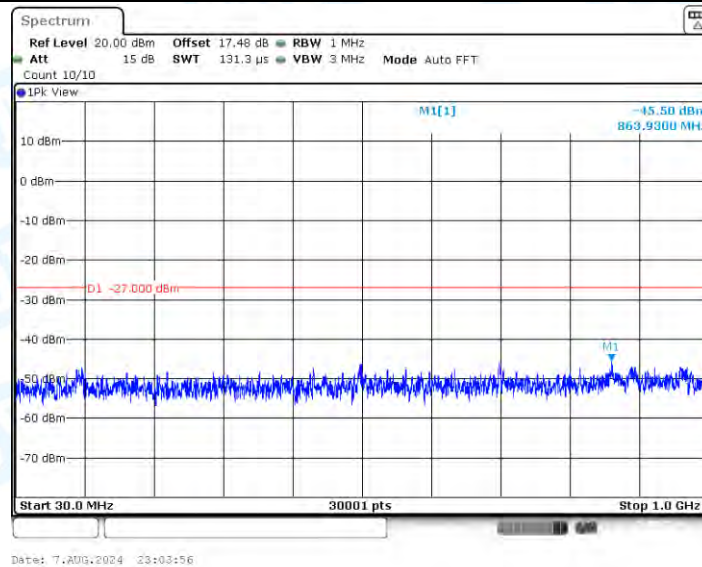
11N20SISO_Ant1_5180_1000~40000



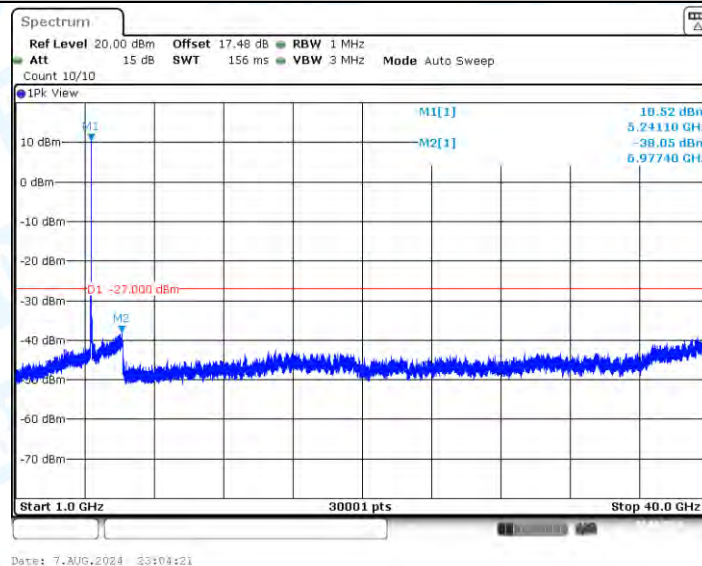
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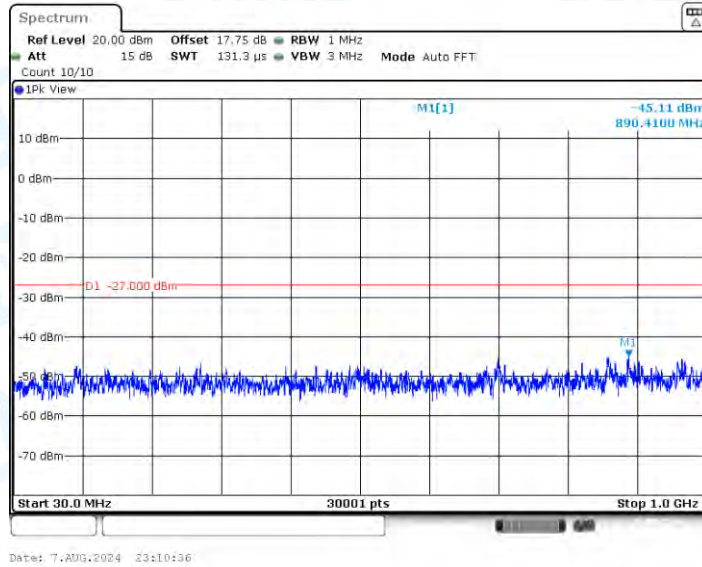
11N20SISO_Ant1_5200_1000~40000



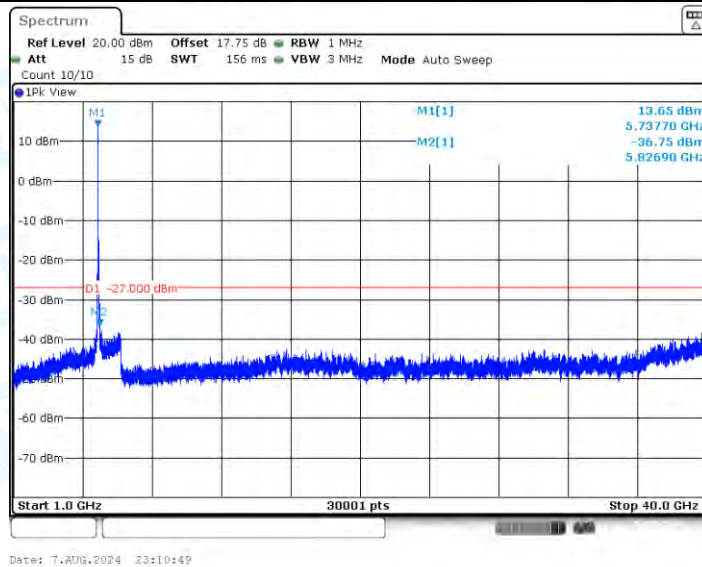
11N20SISO_Ant1_5240_30~1000



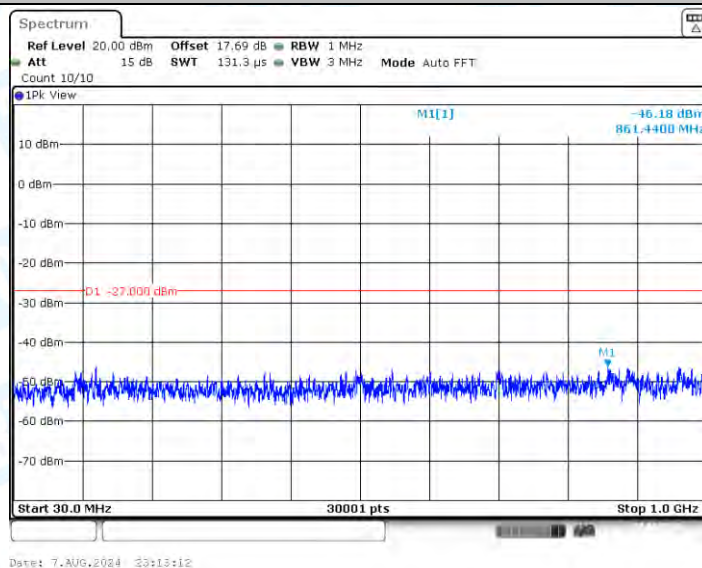
11N20SISO_Ant1_5240_1000~40000



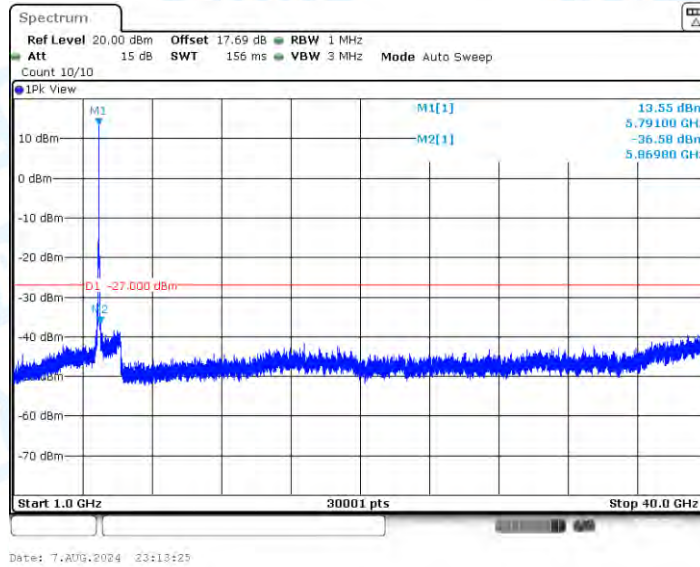
11N20SISO_Ant1_5745_30~1000



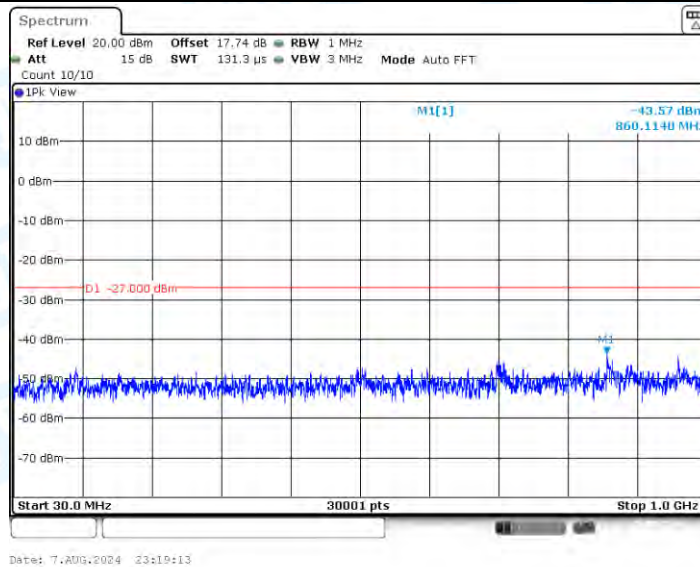
11N20SISO_Ant1_5745_1000~40000



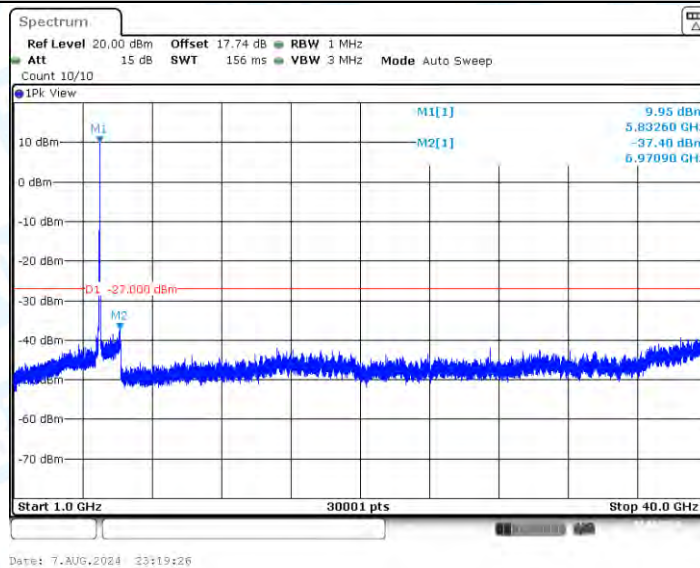
11N20SISO_Ant1_5785_30~1000



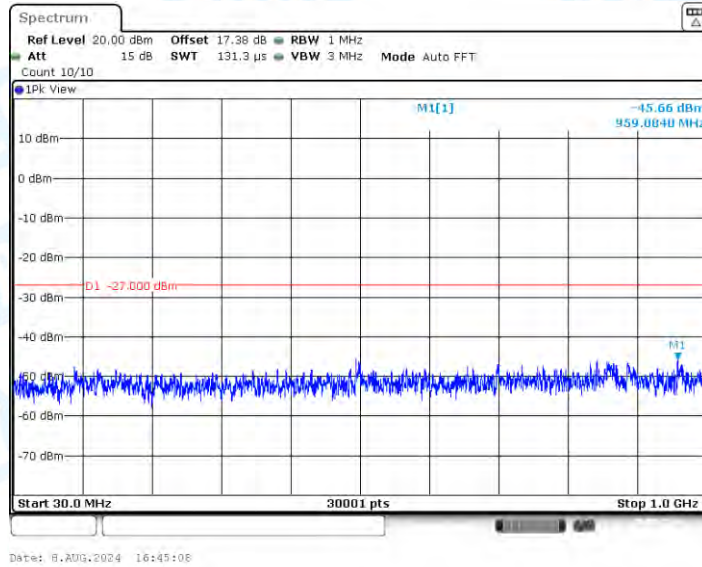
11N20SISO_Ant1_5785_1000~40000



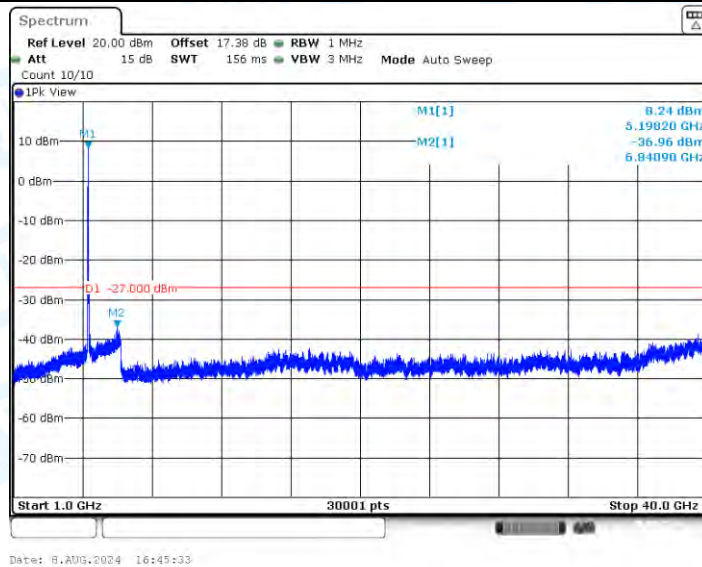
11N20SISO_Ant1_5825_30~1000



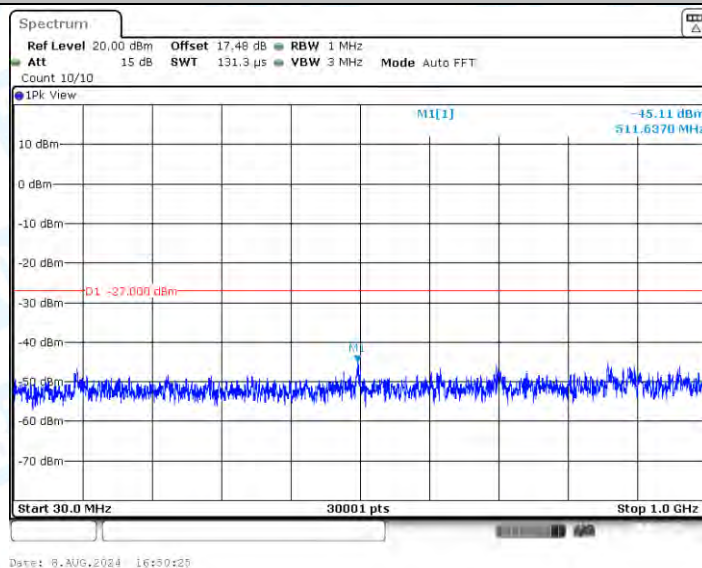
11N20SISO_Ant1_5825_1000~40000



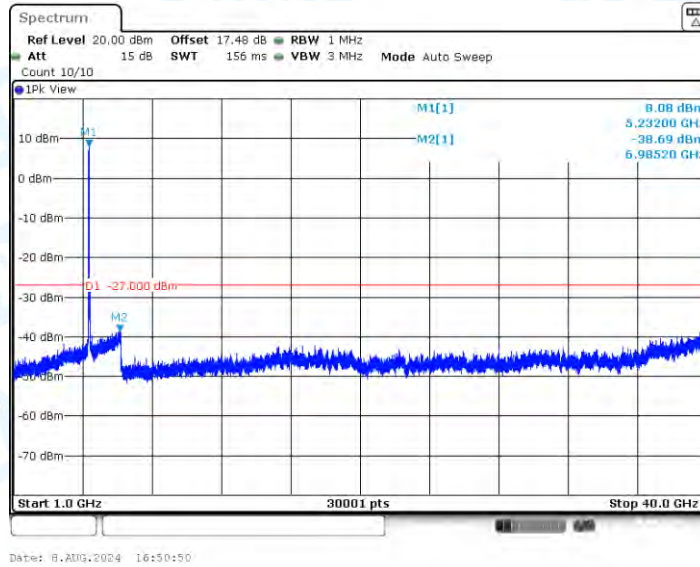
11N40SISO_Ant1_5190_30~1000



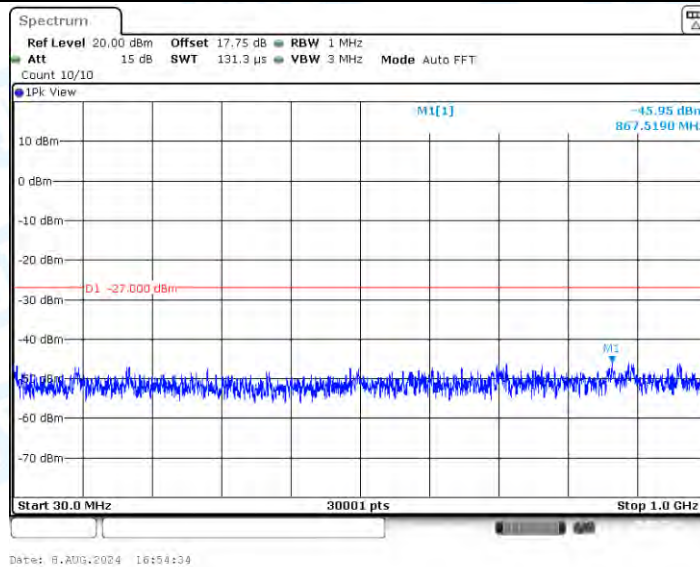
11N40SISO_Ant1_5190_1000~40000



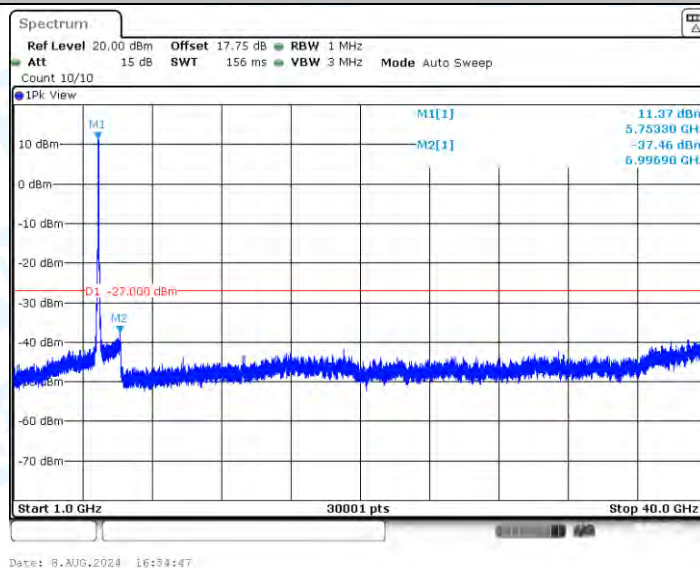
11N40SISO_Ant1_5230_30~1000



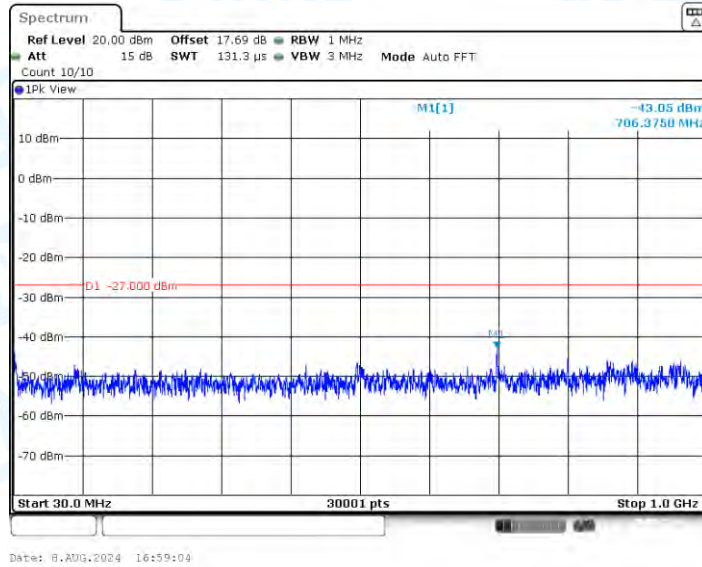
11N40SISO_Ant1_5230_1000~40000



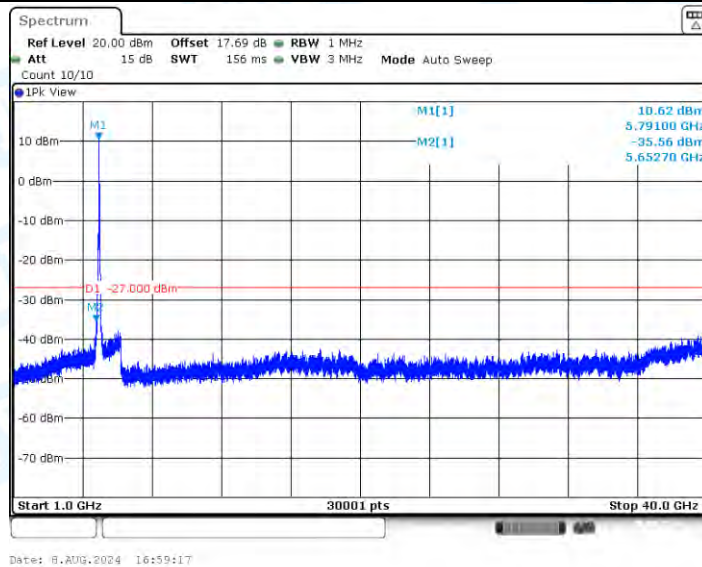
11N40SISO_Ant1_5755_30~1000



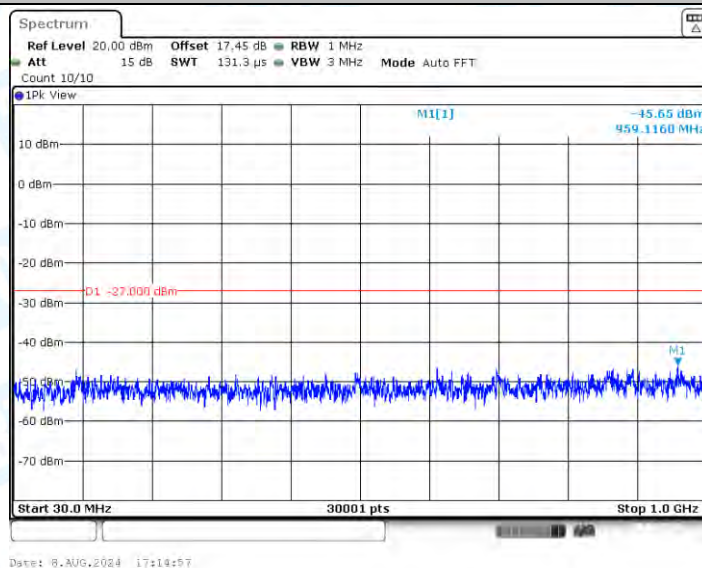
11N40SISO_Ant1_5755_1000~40000



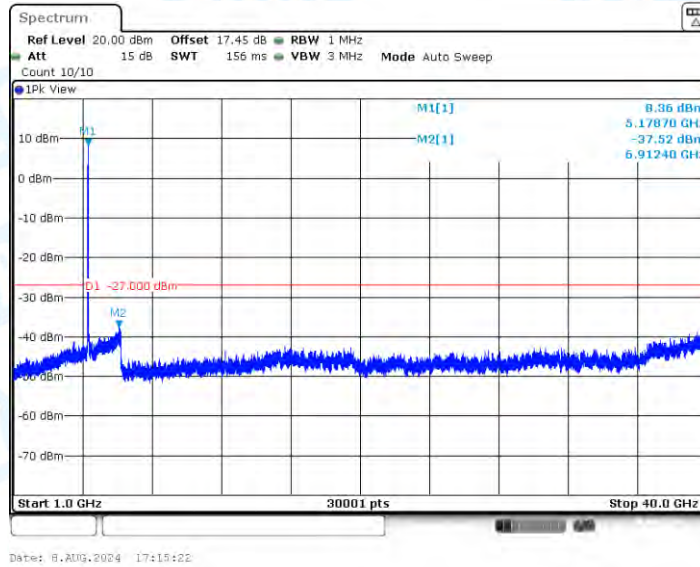
11N40SISO_Ant1_5795_30~1000



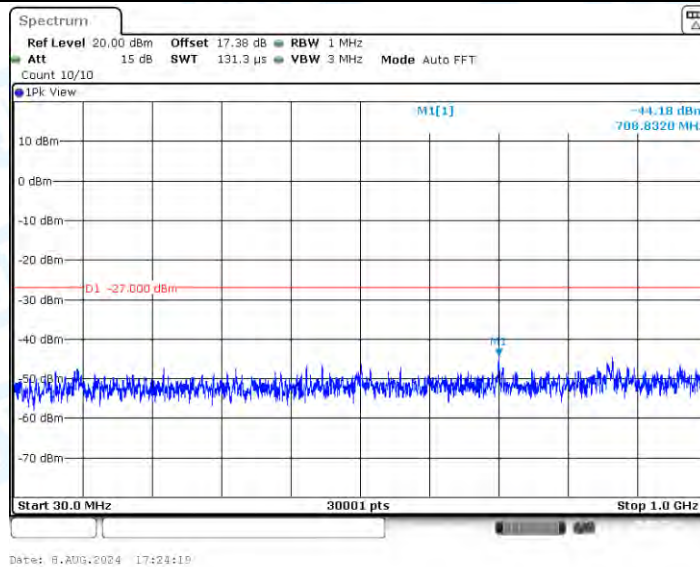
11N40SISO_Ant1_5795_1000~40000



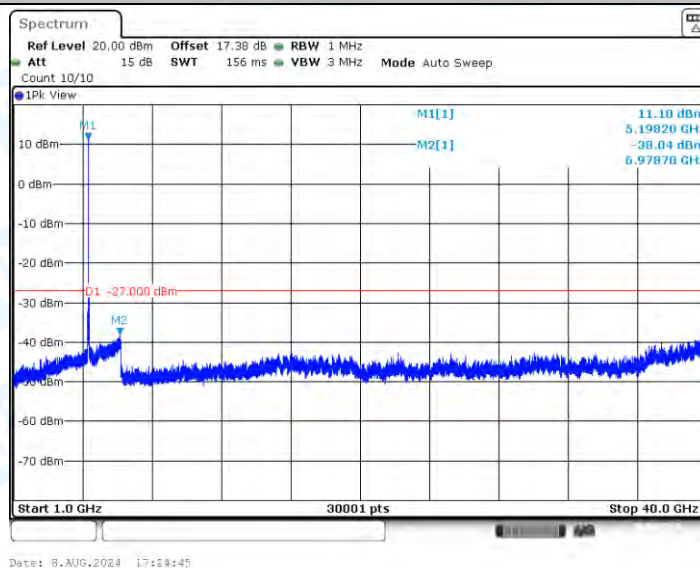
11AC20SISO_Ant1_5180_30~1000



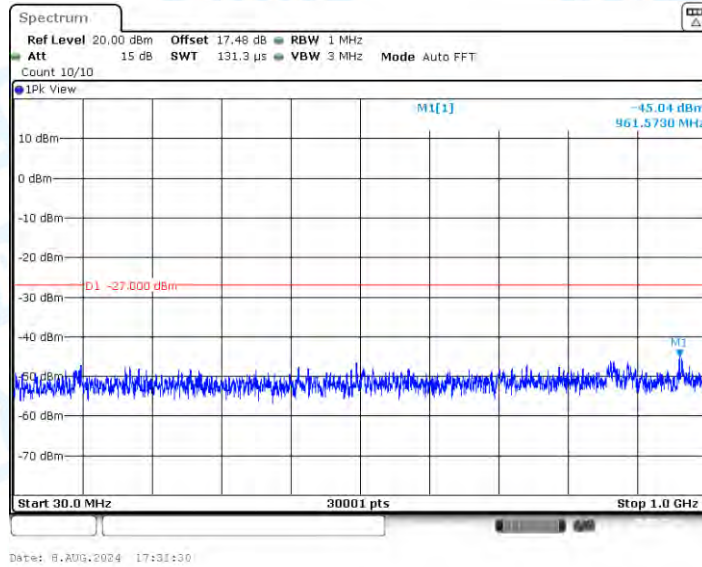
11AC20SISO_Ant1_5180_1000~40000



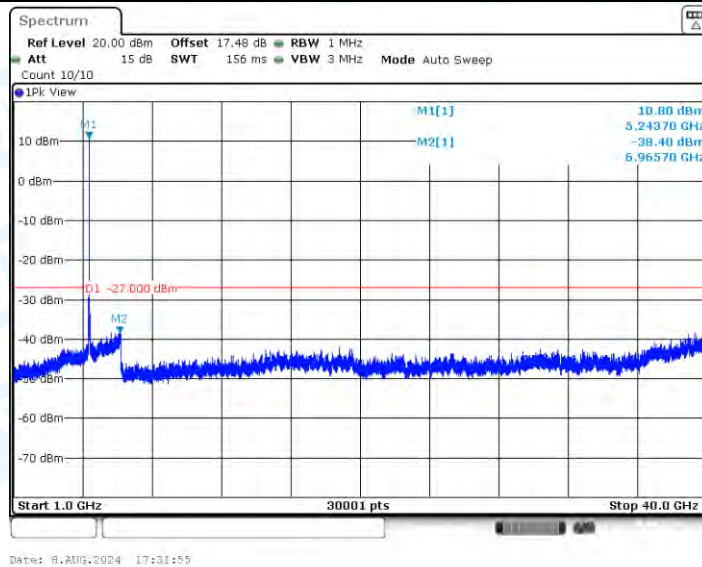
11AC20SISO_Ant1_5200_30~1000



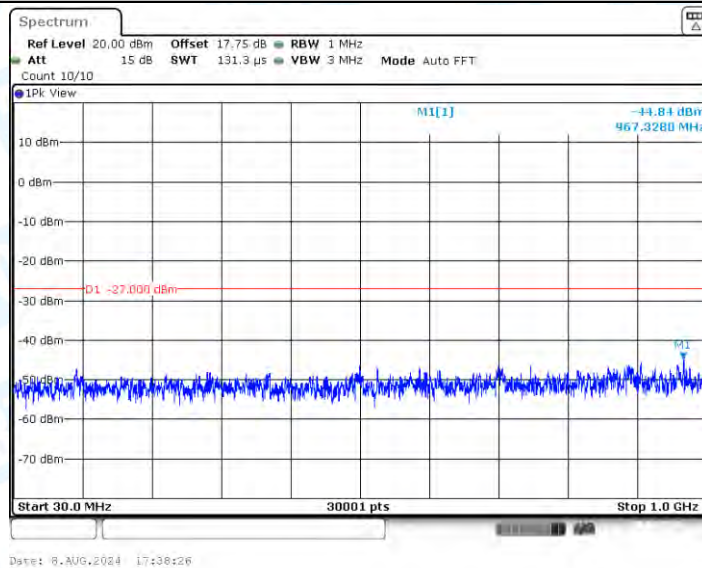
11AC20SISO_Ant1_5200_1000~40000



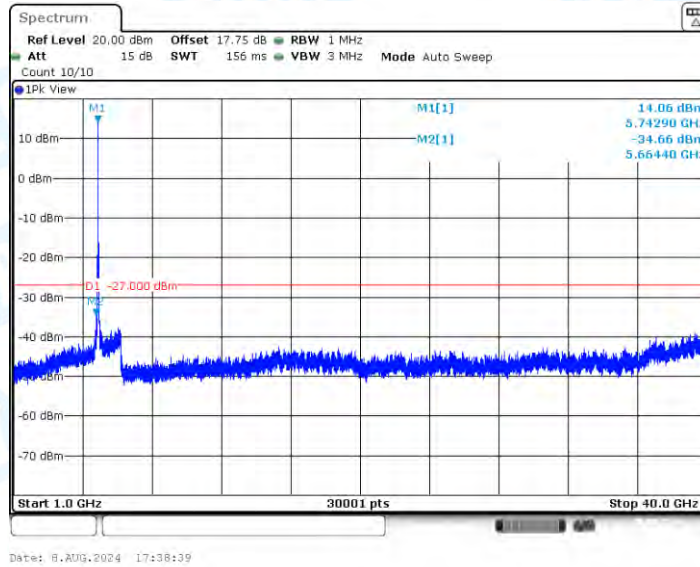
11AC20SISO_Ant1_5240_30~1000



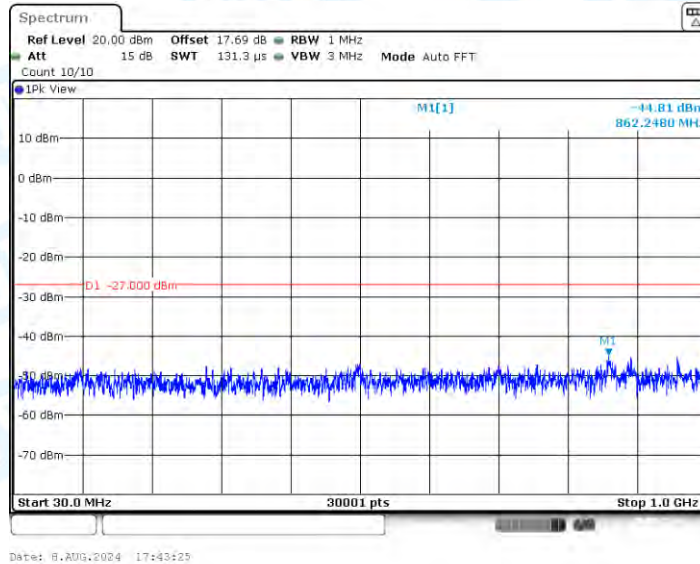
11AC20SISO_Ant1_5240_1000~40000



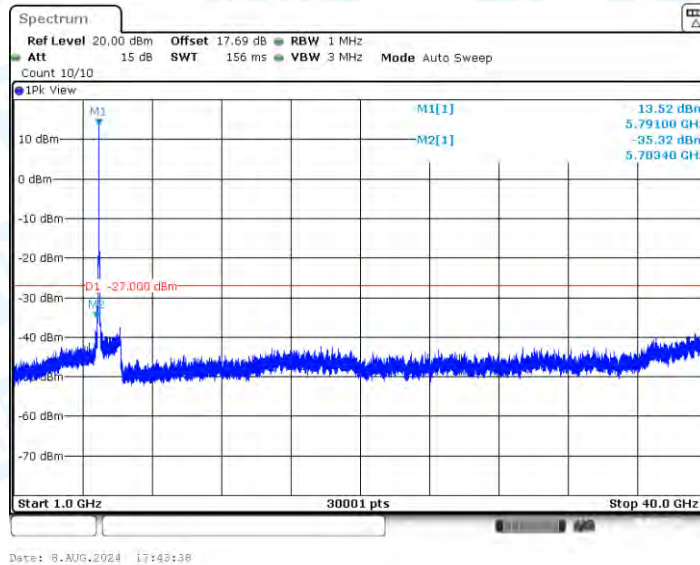
11AC20SISO_Ant1_5745_30~1000



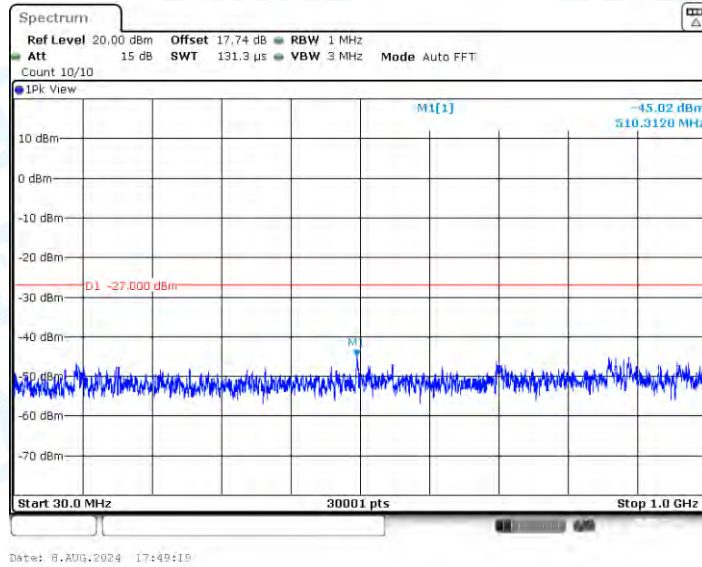
11AC20SISO_Ant1_5745_1000~40000



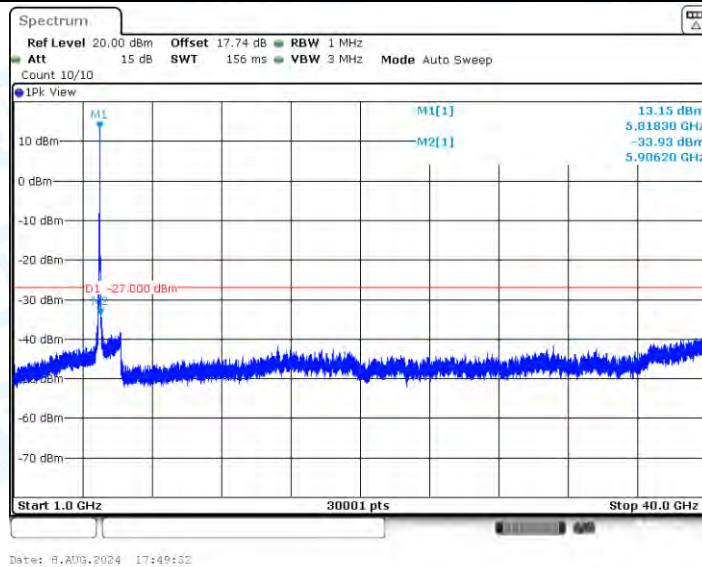
11AC20SISO_Ant1_5785_30~1000



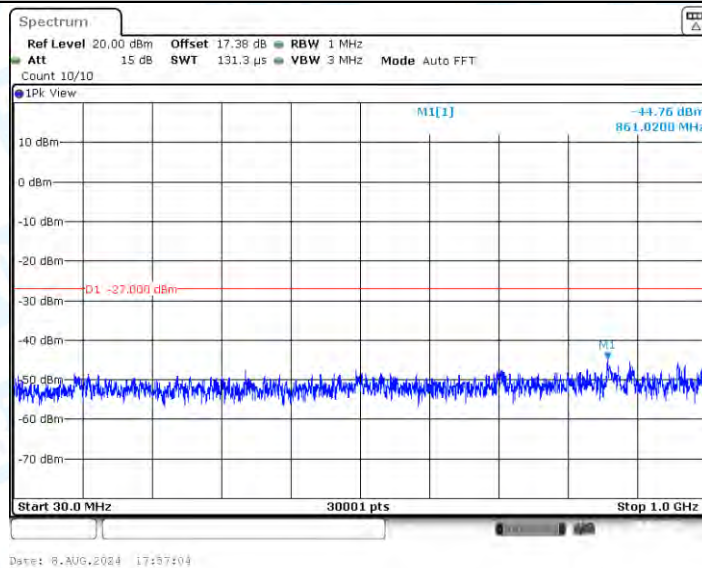
11AC20SISO_Ant1_5785_1000~40000



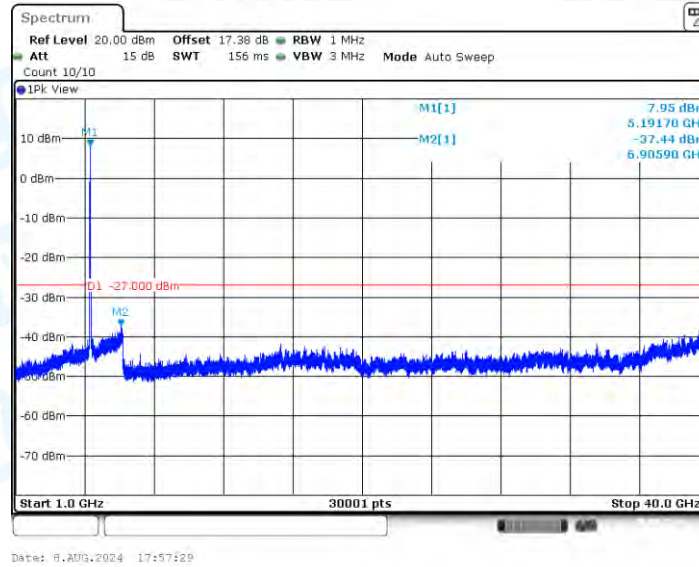
11AC20SISO_Ant1_5825_30~1000



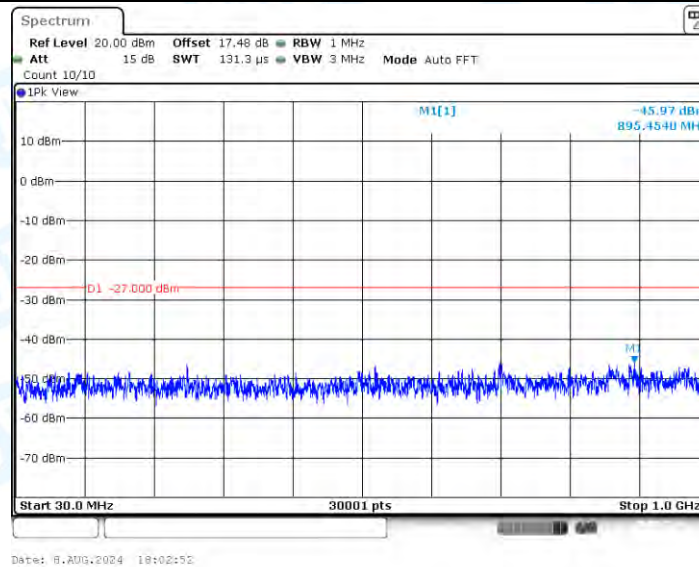
11AC20SISO_Ant1_5825_1000~40000



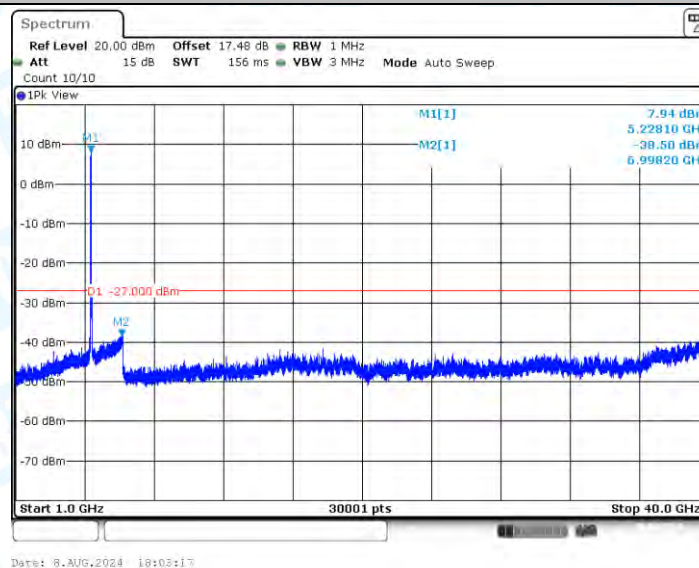
11AC40SISO_Ant1_5190_30~1000



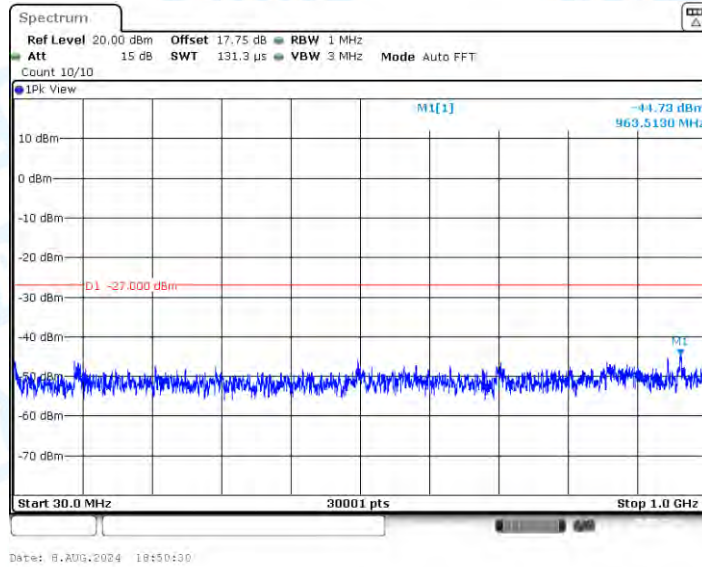
11AC40SISO_Ant1_5190_1000~40000



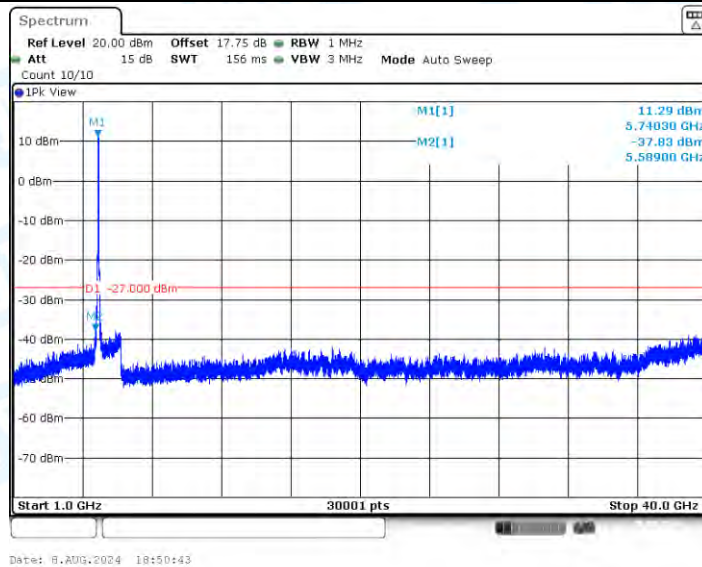
11AC40SISO_Ant1_5230_30~1000



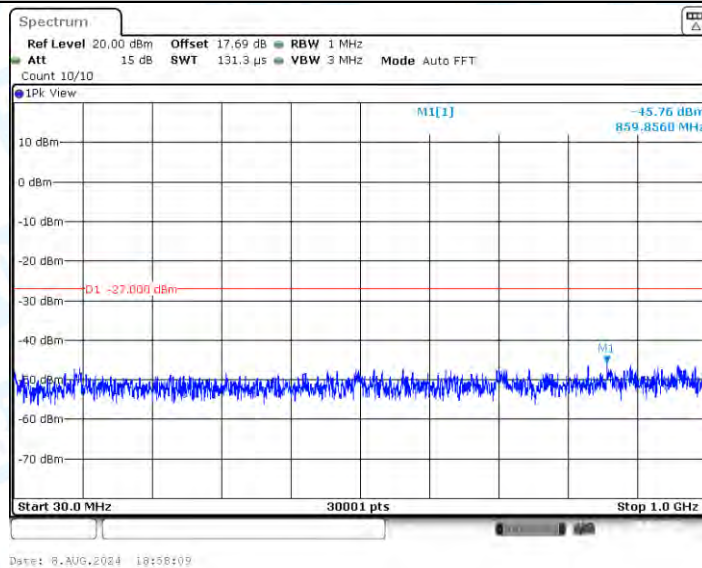
11AC40SISO_Ant1_5230_1000~40000



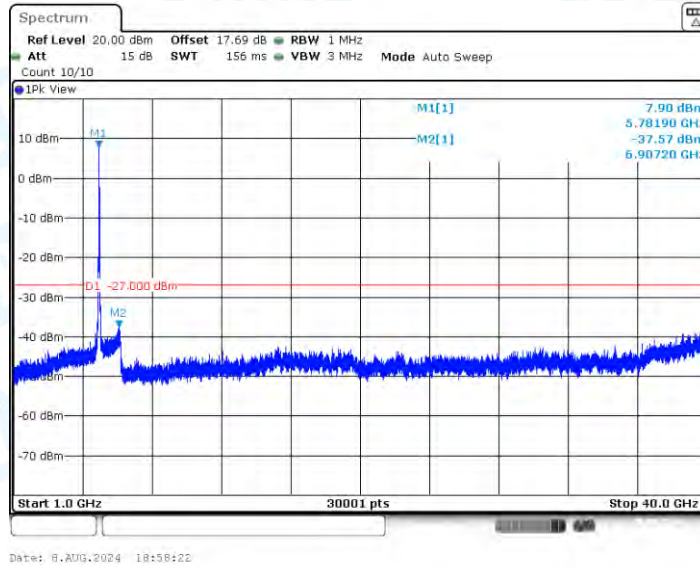
11AC40SISO_Ant1_5755_30~1000



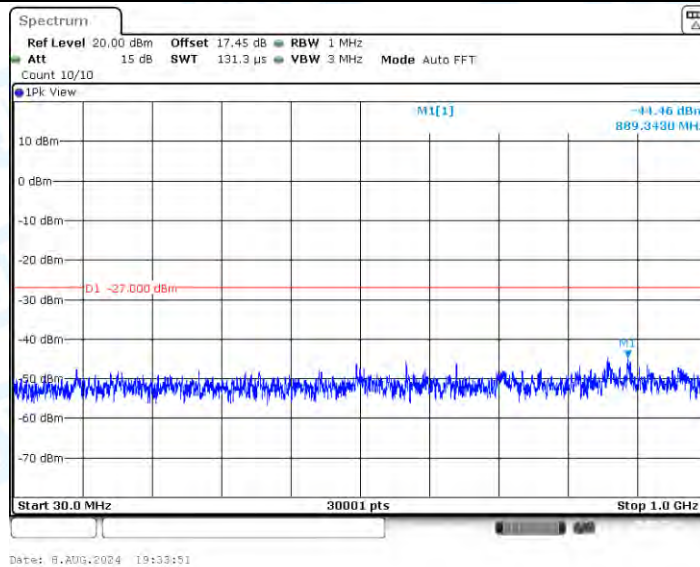
11AC40SISO_Ant1_5755_1000~40000



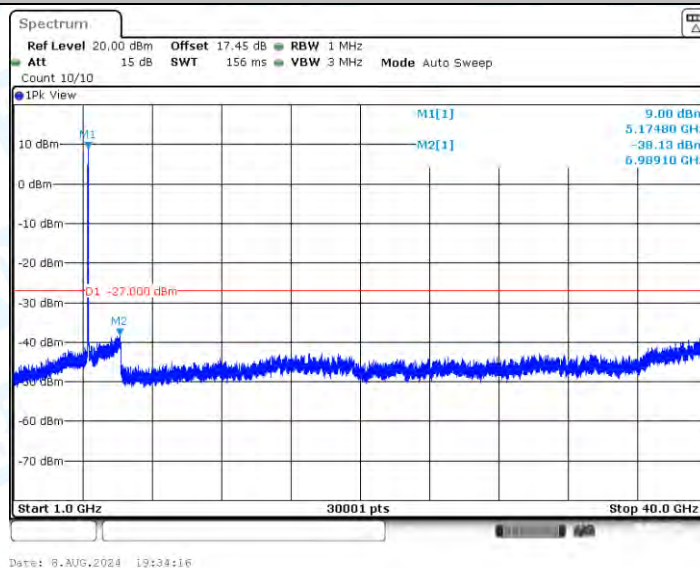
11AC40SISO_Ant1_5795_30~1000



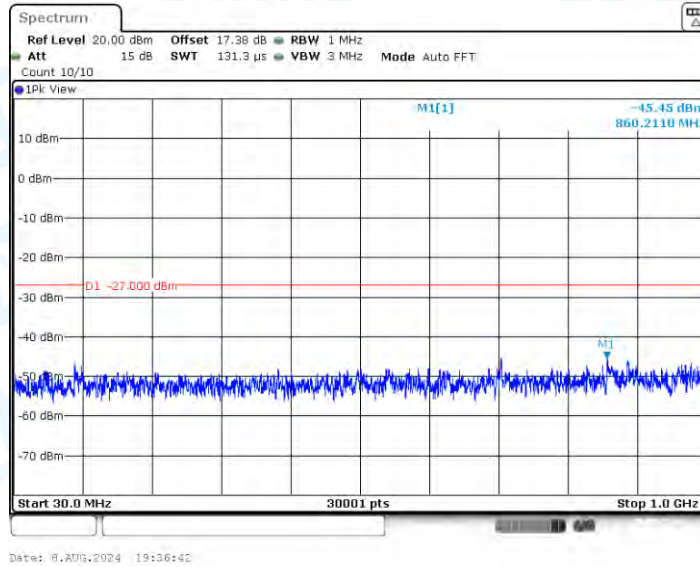
11AC40SISO_Ant1_5795_1000~40000



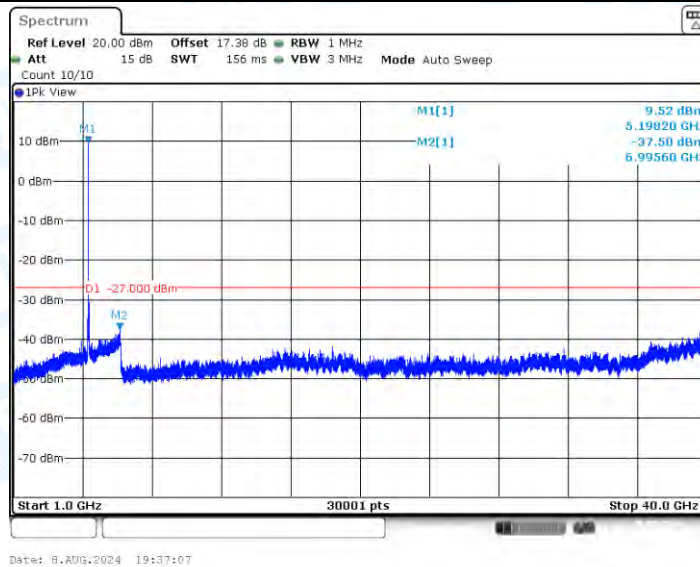
11AX20SISO_Ant1_5180_30~1000



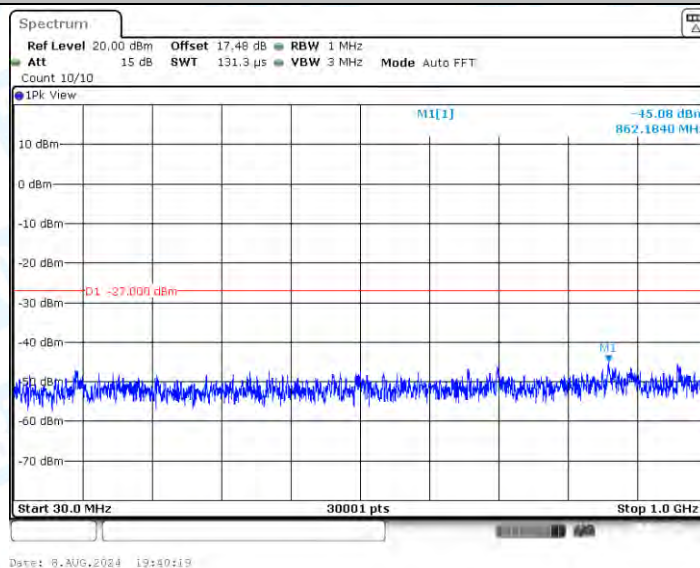
11AX20SISO_Ant1_5180_1000~40000



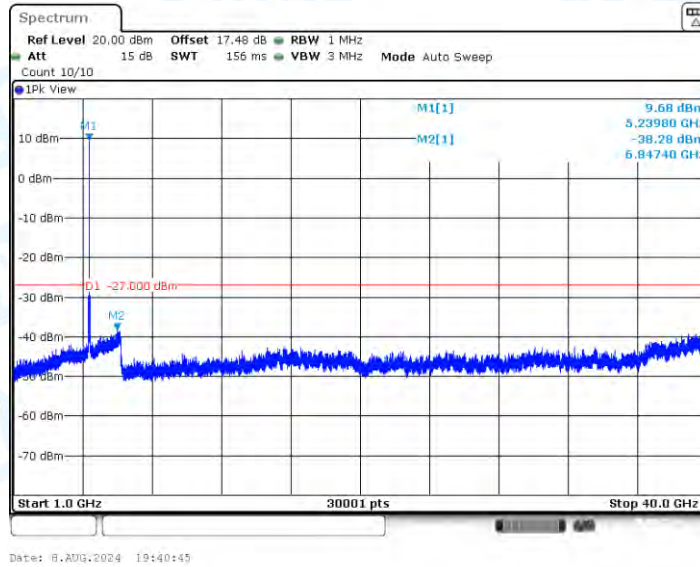
11AX20SISO_Ant1_5200_30~1000



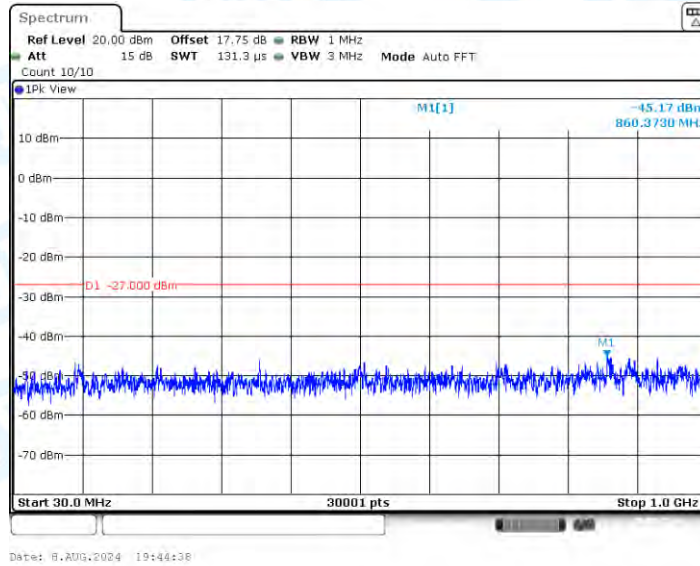
11AX20SISO_Ant1_5200_1000~40000



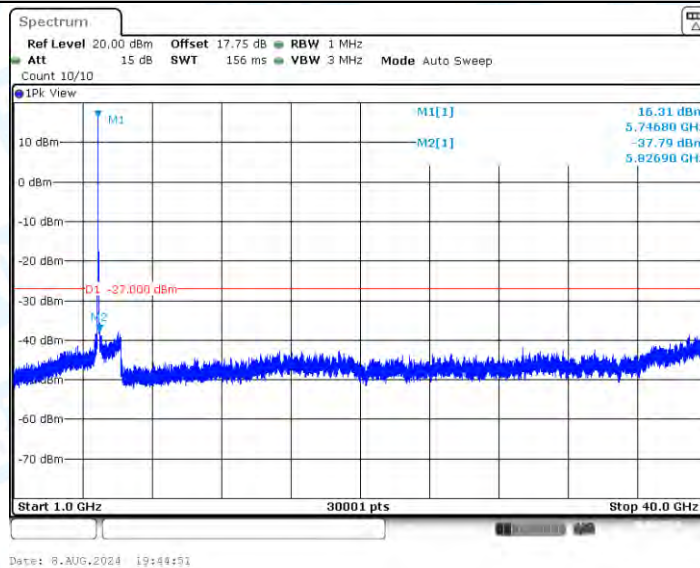
11AX20SISO_Ant1_5240_30~1000



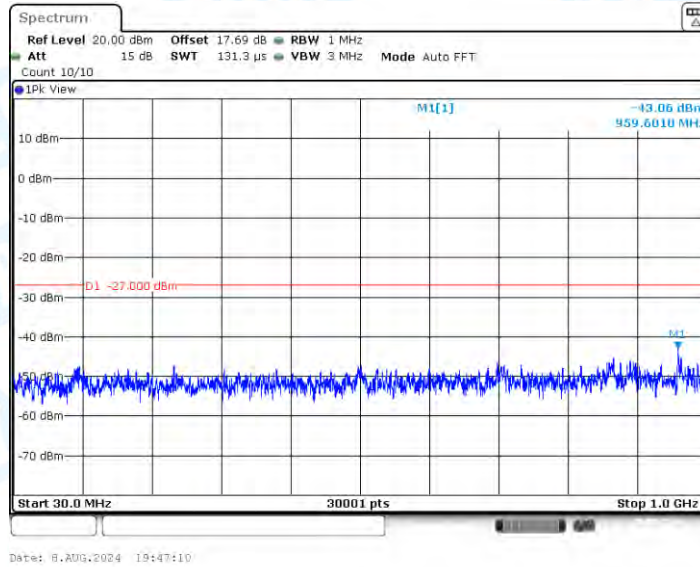
11AX20SISO_Ant1_5240_1000~40000



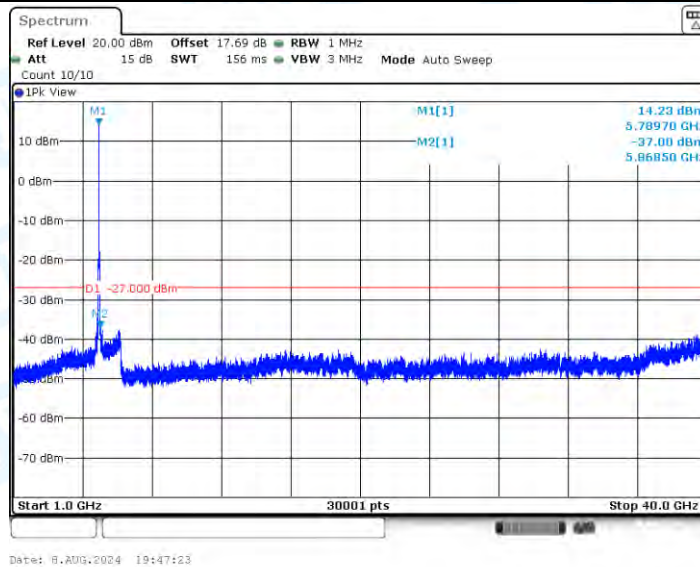
11AX20SISO_Ant1_5745_30~1000



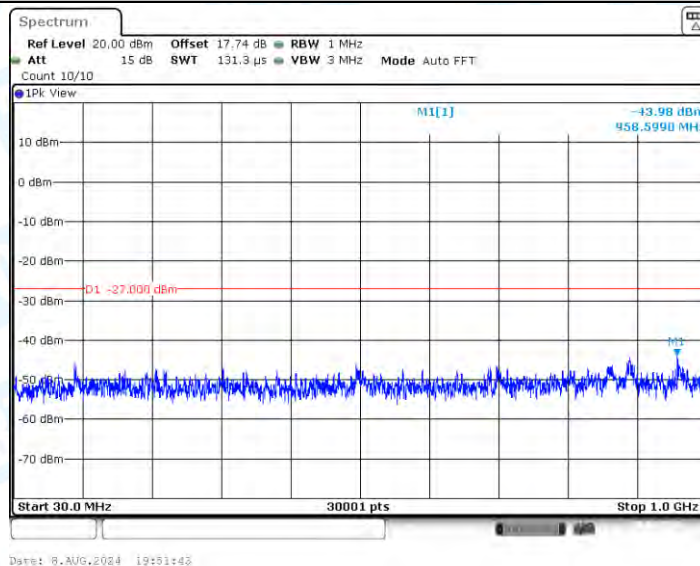
11AX20SISO_Ant1_5745_1000~40000



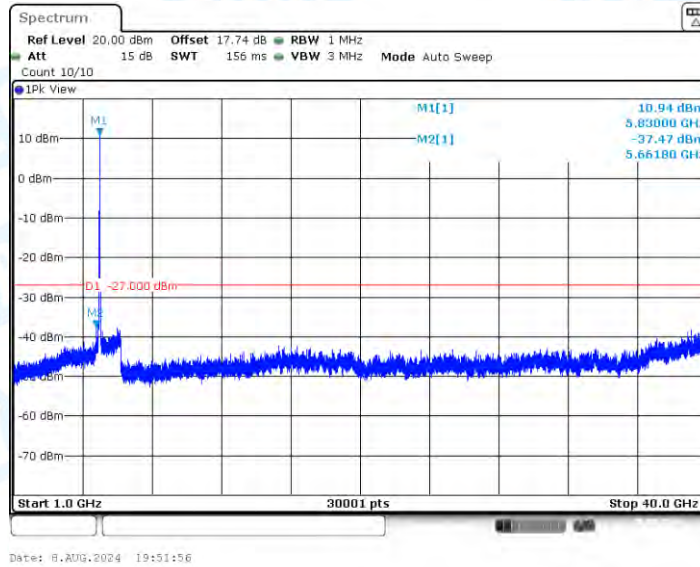
11AX20SISO_Ant1_5785_30~1000



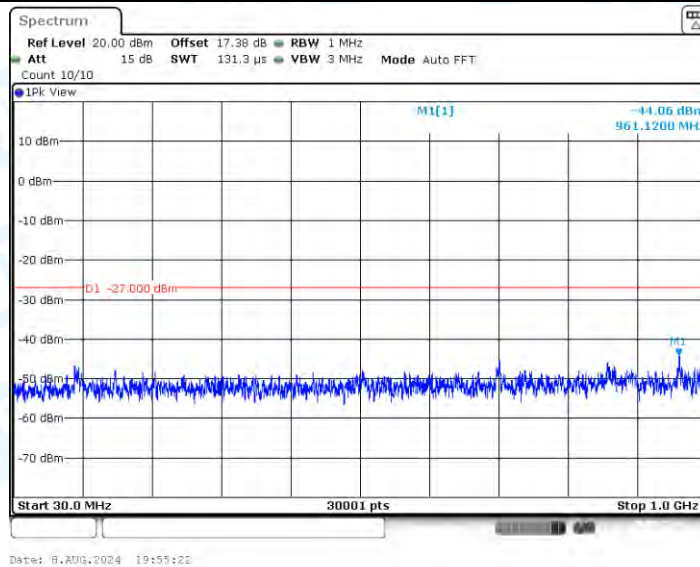
11AX20SISO_Ant1_5785_1000~40000



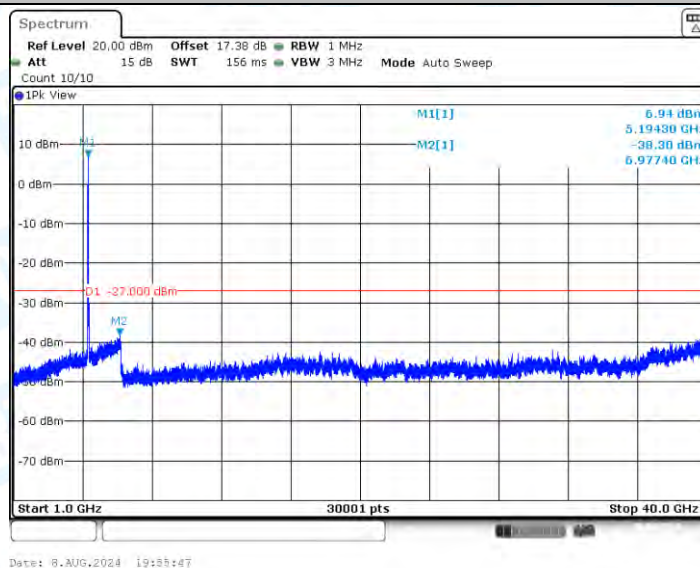
11AX20SISO_Ant1_5825_30~1000



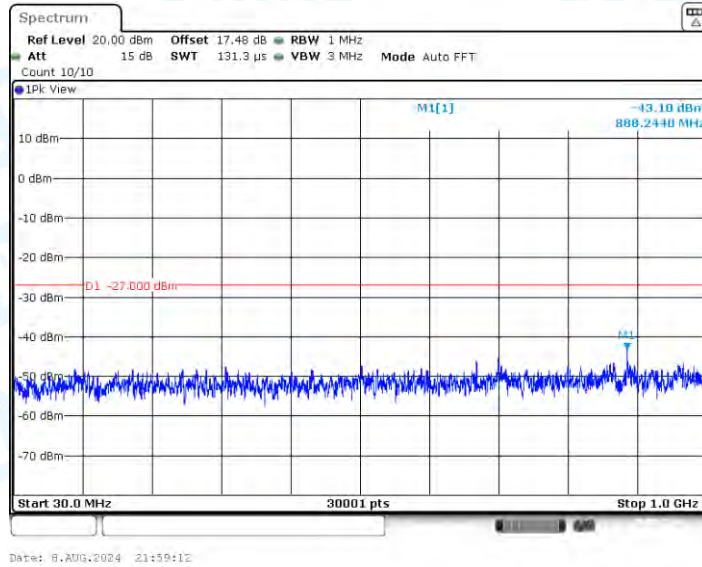
11AX20SISO_Ant1_5825_1000~40000



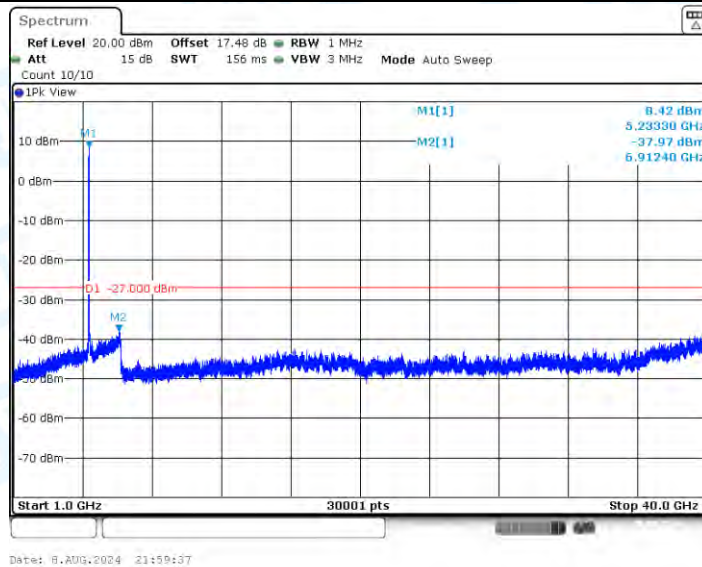
11AX40SISO_Ant1_5190_30~1000



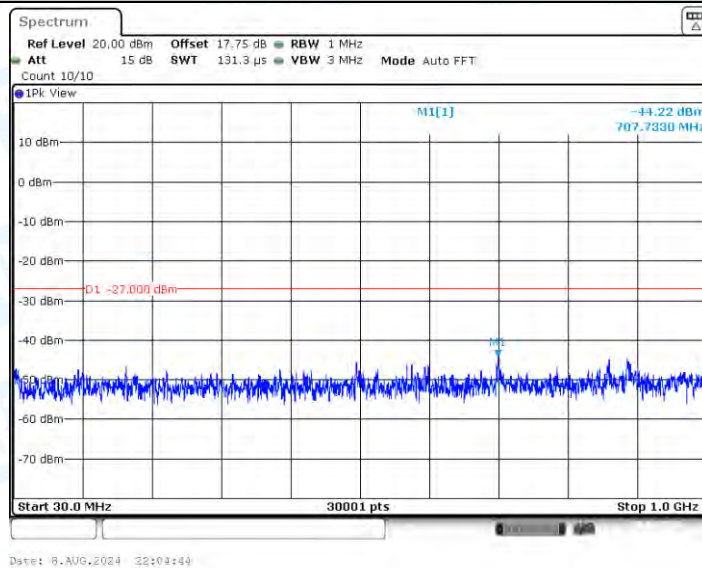
11AX40SISO_Ant1_5190_1000~40000



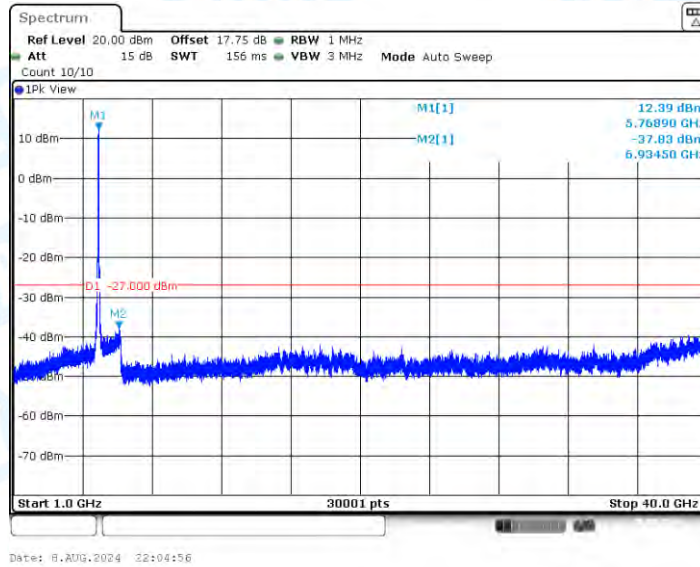
11AX40SISO_Ant1_5230_30~1000



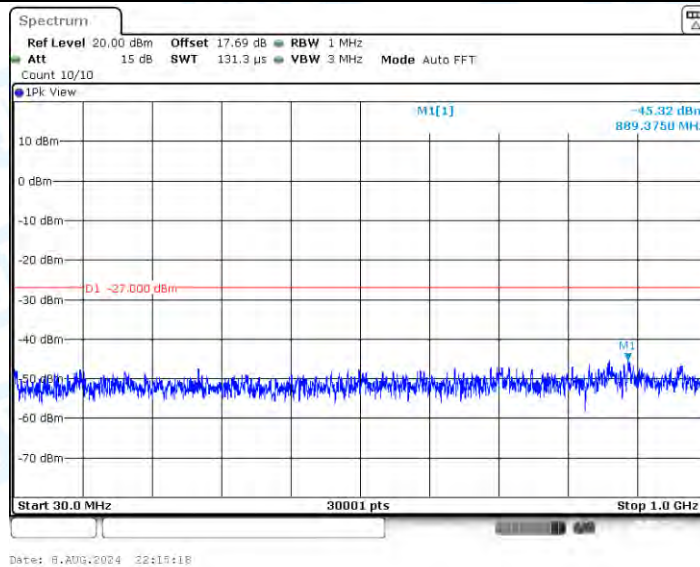
11AX40SISO_Ant1_5230_1000~40000



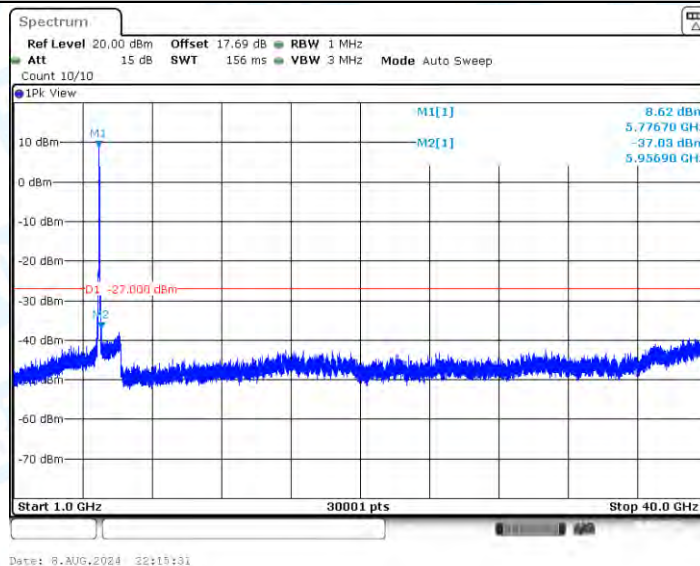
11AX40SISO_Ant1_5755_30~1000



11AX40SISO_Ant1_5755_1000~40000



11AX40SISO_Ant1_5795_30~1000



11AX40SISO_Ant1_5795_1000~40000

9. Frequency Stability

9.1. Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	20000.00	3.846154	20	PASS
			HV	NT	20000.00	3.846154	20	PASS
		5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.816794	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5745	NV	NT	20000.00	3.481288	20	PASS
			LV	NT	20000.00	3.481288	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5785	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.457217	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.433476	20	PASS
11AC40SIS O	Ant1	5190	NV	NT	40000.00	7.707129	20	PASS
			LV	NT	40000.00	7.707129	20	PASS
			HV	NT	40000.00	7.707129	20	PASS
		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.648184	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5755	NV	NT	40000.00	6.950478	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	6.950478	20	PASS
		5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SIS O	Ant1	5180	NV	0	20000.00	3.861004	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	-20000.00	-3.861004	20	PASS
		5200	NV	0	20000.00	3.846154	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.846154	20	PASS
			NV	45	20000.00	3.846154	20	PASS
		5240	NV	0	20000.00	3.816794	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	20000.00	3.816794	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5745	NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.481288	20	PASS
			NV	20	20000.00	3.481288	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	20000.00	3.481288	20	PASS
		5785	NV	0	20000.00	3.457217	20	PASS
			NV	10	20000.00	3.457217	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5825	NV	0	20000.00	3.433476	20	PASS
			NV	10	20000.00	3.433476	20	PASS
			NV	20	20000.00	3.433476	20	PASS
			NV	30	20000.00	3.433476	20	PASS
			NV	45	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5190	NV	0	40000.00	7.707129	20	PASS
			NV	10	40000.00	7.707129	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.707129	20	PASS
			NV	45	40000.00	7.707129	20	PASS
		5230	NV	0	40000.00	7.648184	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	7.648184	20	PASS
			NV	30	40000.00	7.648184	20	PASS
			NV	45	40000.00	7.648184	20	PASS
		5755	NV	0	40000.00	6.950478	20	PASS

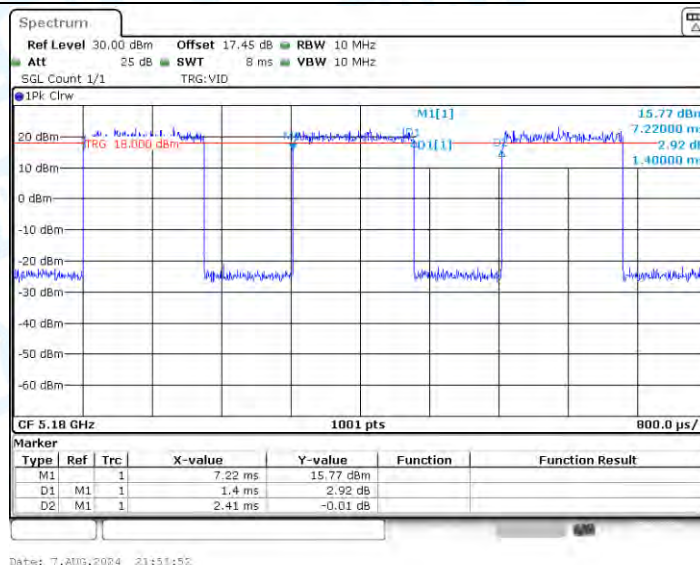
			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	6.950478	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	40000.00	6.950478	20	PASS
		5795	NV	0	40000.00	6.902502	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS

10. Duty Cycle

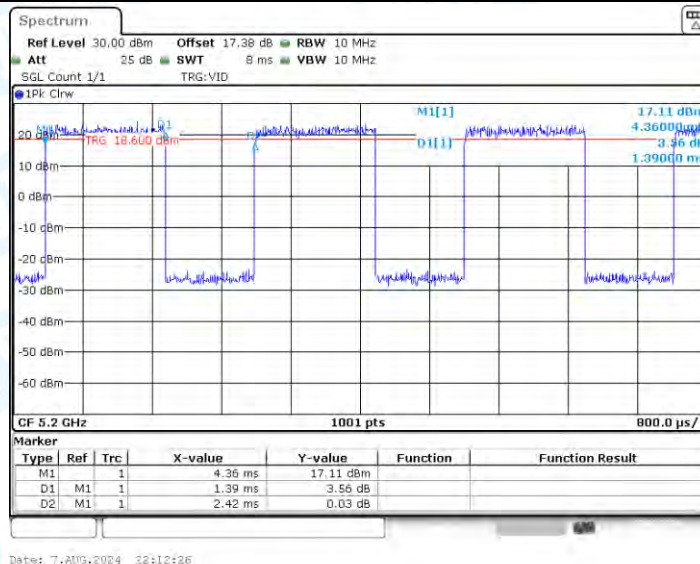
10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.40	2.41	58.09	---	---
		5200	1.39	2.42	57.44	---	---
		5240	1.40	2.43	57.61	---	---
		5745	1.39	2.42	57.44	---	---
		5785	1.40	2.41	58.09	---	---
		5825	1.39	2.42	57.44	---	---
11N20SISO	Ant1	5180	5.10	6.12	83.33	---	---
		5200	5.09	6.11	83.31	---	---
		5240	5.08	6.09	83.42	---	---
		5745	5.09	6.12	83.17	---	---
		5785	5.08	6.11	83.14	---	---
		5825	5.10	6.12	83.33	---	---
11N40SISO	Ant1	5190	4.90	5.92	82.77	---	---
		5230	4.90	7.28	67.31	---	---
		5755	4.91	5.92	82.94	---	---
		5795	4.90	5.92	82.77	---	---
11AC20SISO	Ant1	5180	5.10	6.13	83.20	---	---
		5200	5.10	6.13	83.20	---	---
		5240	5.10	6.11	83.47	---	---
		5745	5.10	6.13	83.20	---	---
		5785	5.10	6.13	83.20	---	---
		5825	5.10	6.13	83.20	---	---
11AC40SISO	Ant1	5190	4.90	5.93	82.63	---	---
		5230	4.91	5.92	82.94	---	---
		5755	4.92	5.93	82.97	---	---
		5795	4.91	5.93	82.80	---	---
11AX20SISO	Ant1	5180	3.88	4.91	79.02	---	---
		5200	3.87	4.89	79.14	---	---
		5240	3.88	4.90	79.18	---	---
		5745	3.88	4.91	79.02	---	---
		5785	3.88	4.91	79.02	---	---
		5825	3.88	4.89	79.35	---	---
11AX40SISO	Ant1	5190	3.87	4.89	79.14	---	---
		5230	3.88	4.89	79.35	---	---
		5755	3.87	4.88	79.30	---	---
		5795	3.87	4.90	78.98	---	---

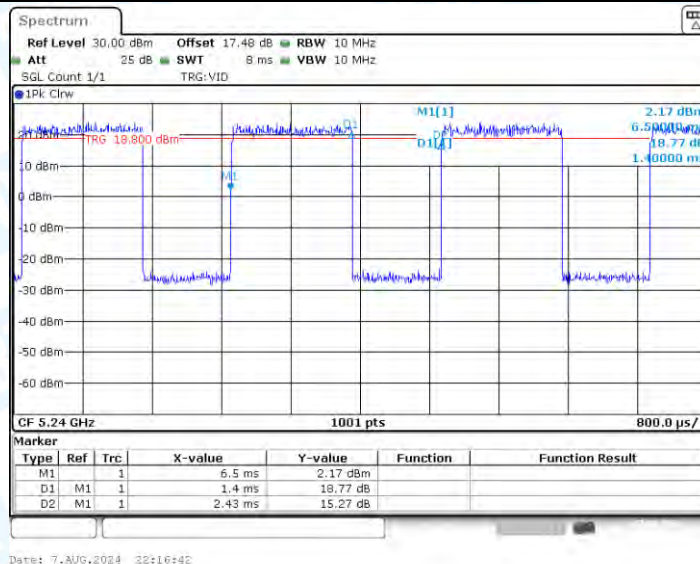
10.2. Test Graphs



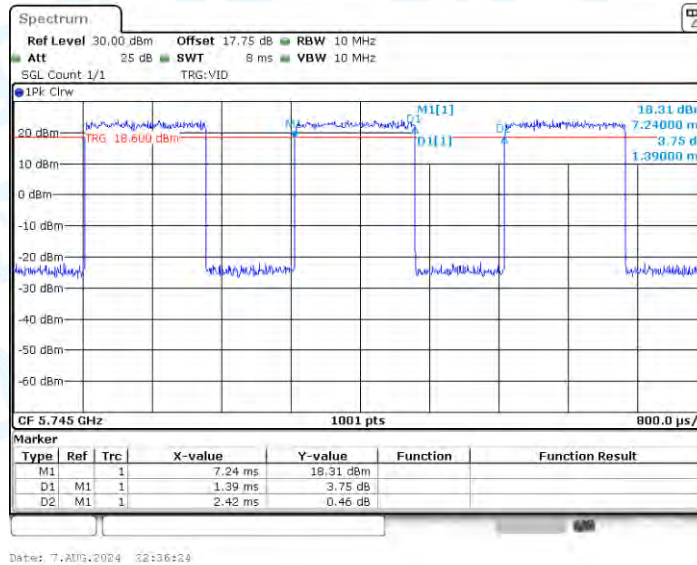
11A_Ant1_5180



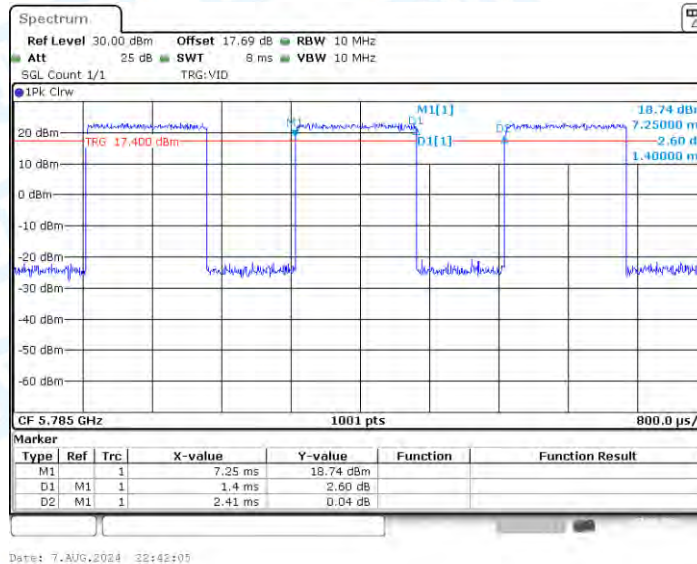
11A_Ant1_5200



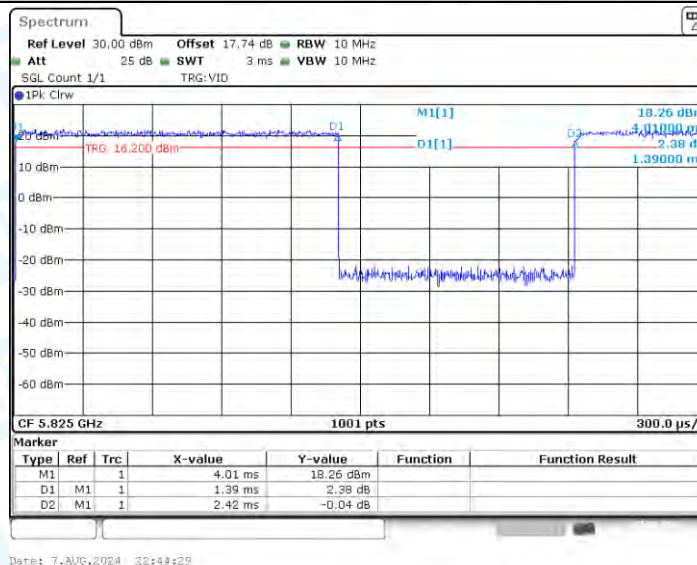
11A_Ant1_5240



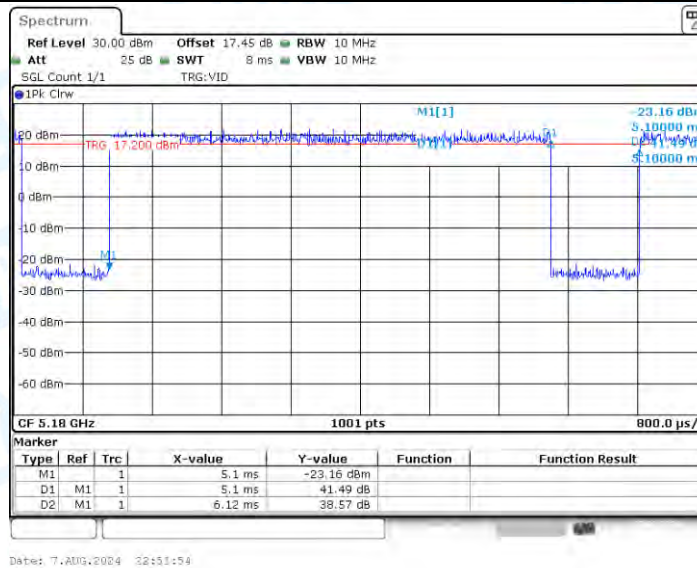
11A_Ant1_5745



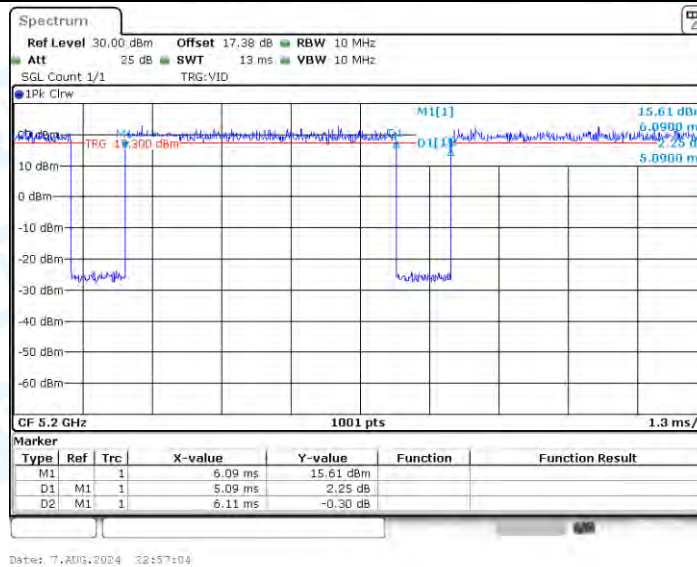
11A_Ant1_5785



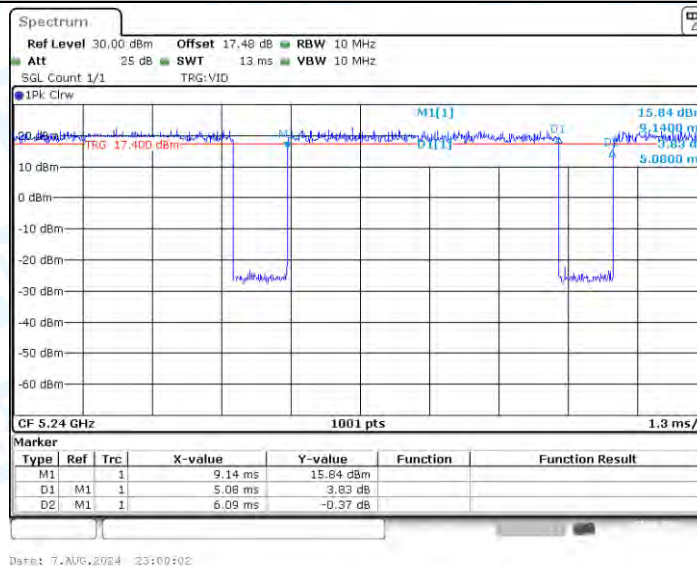
11A_Ant1_5825



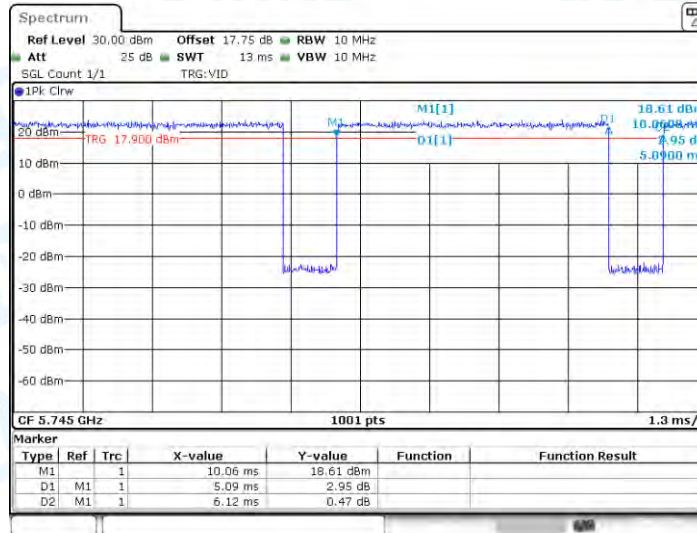
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

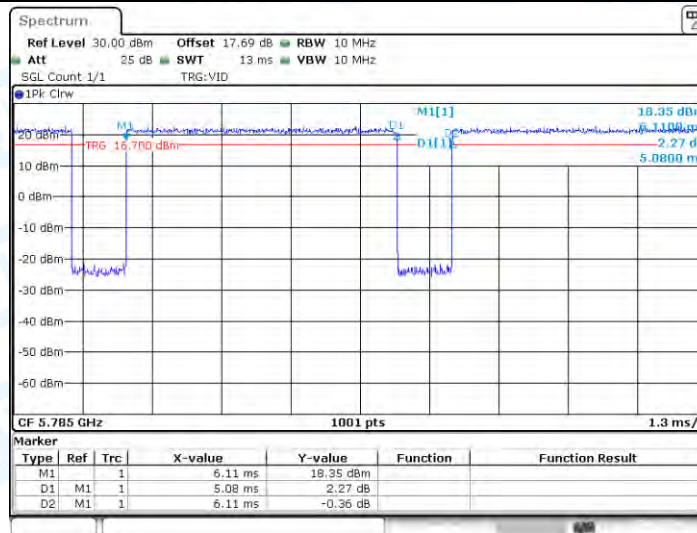


11N20SISO_Ant1_5240



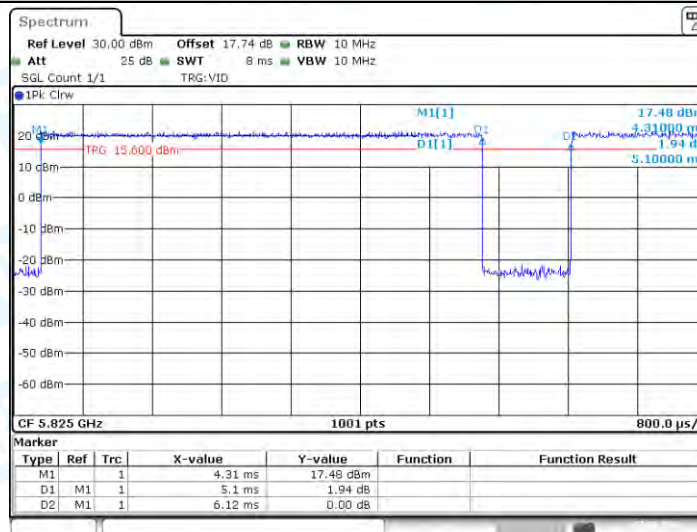
Date: 7.AUG.2024 23:07:22

11N20SISO_Ant1_5745



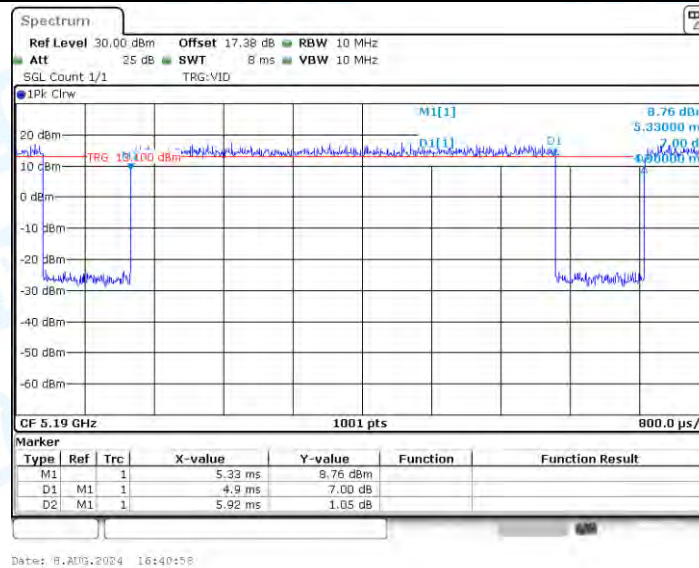
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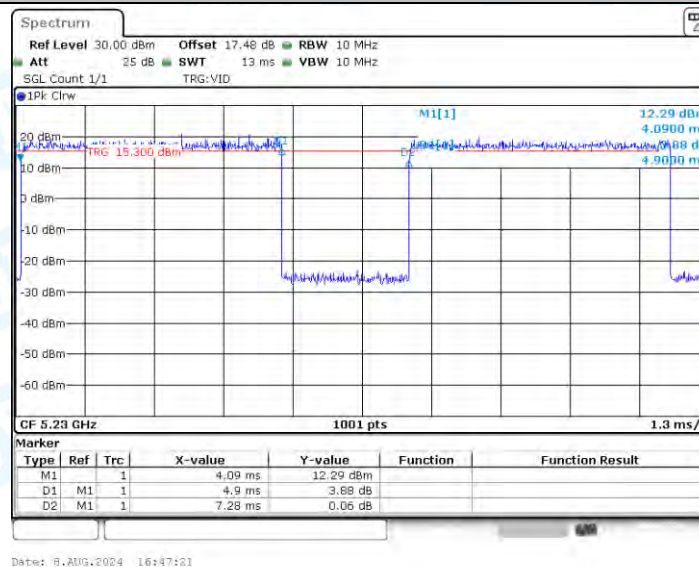


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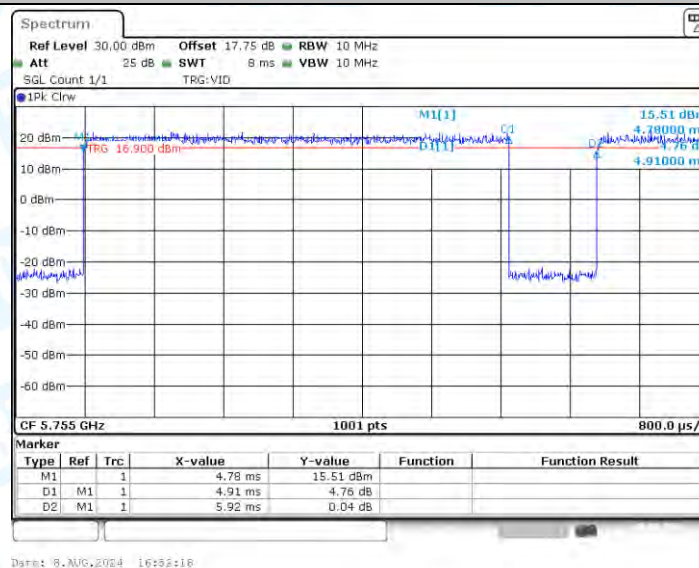
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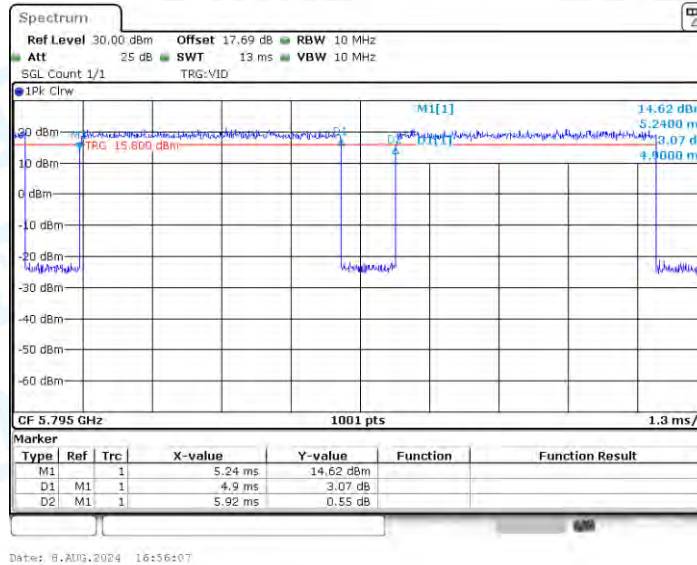
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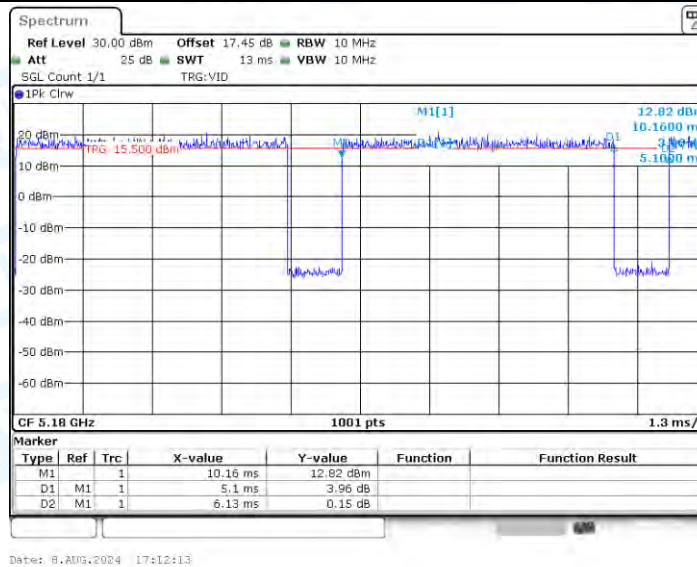
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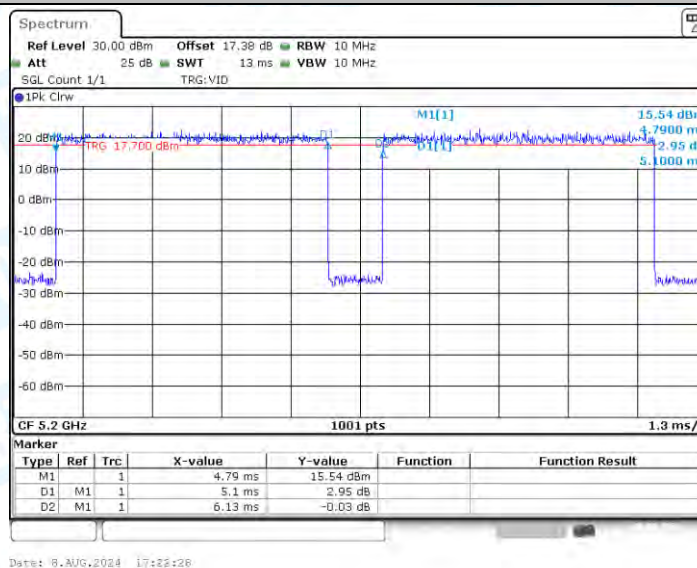
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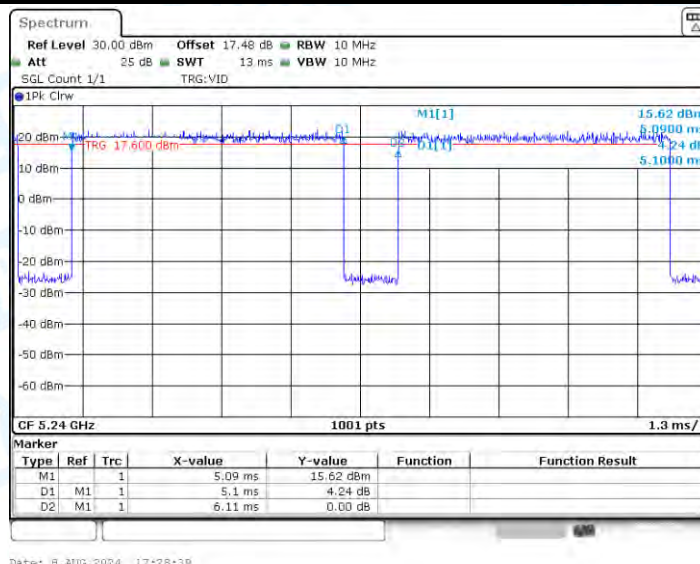
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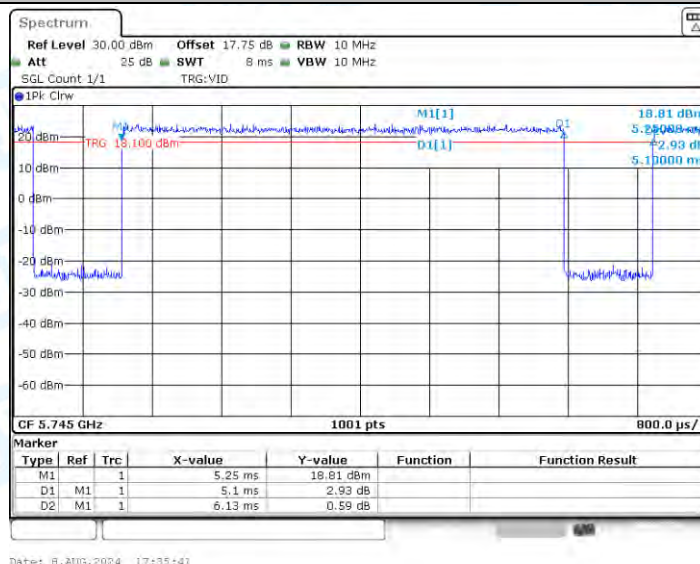
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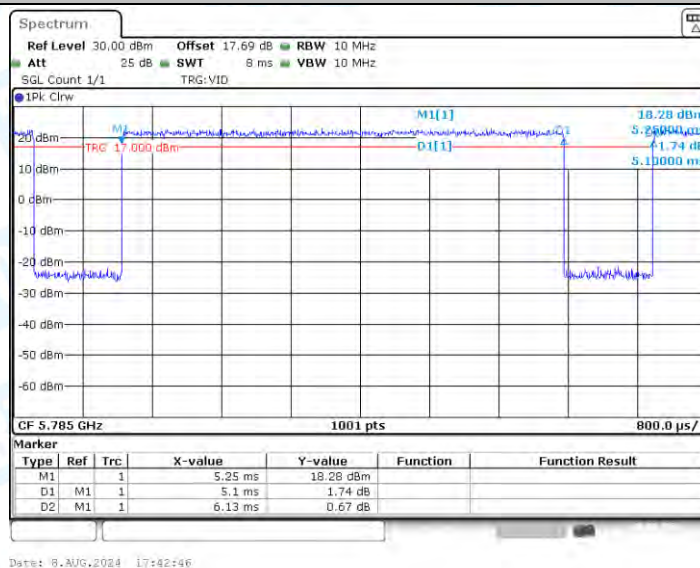
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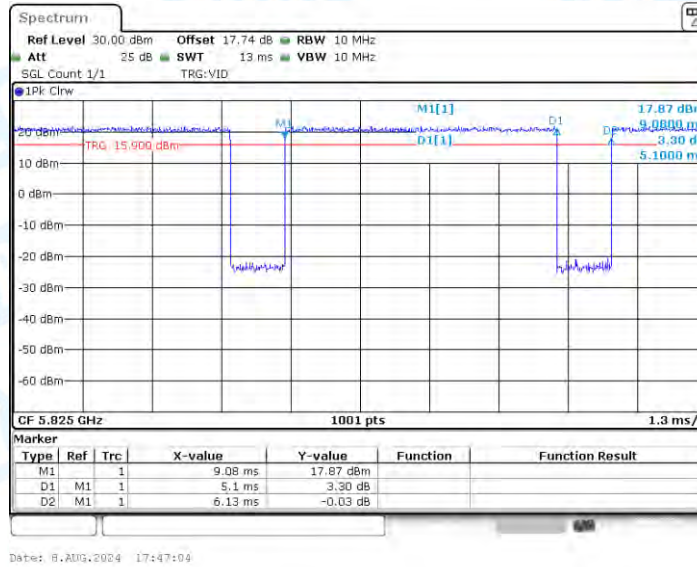
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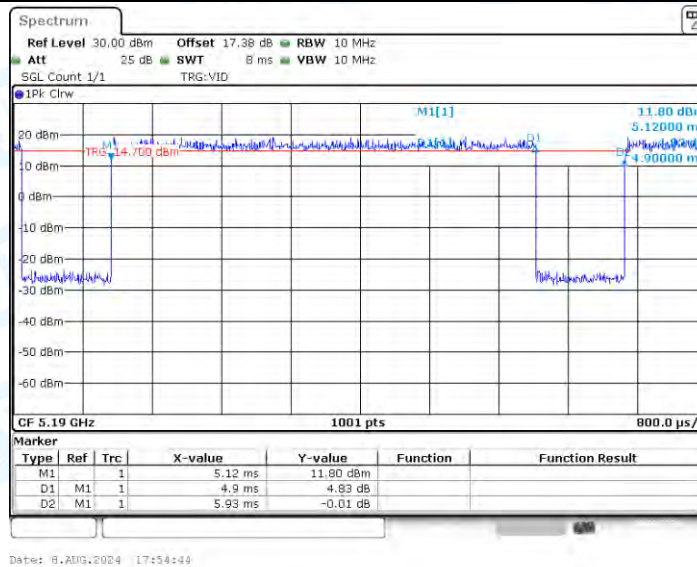
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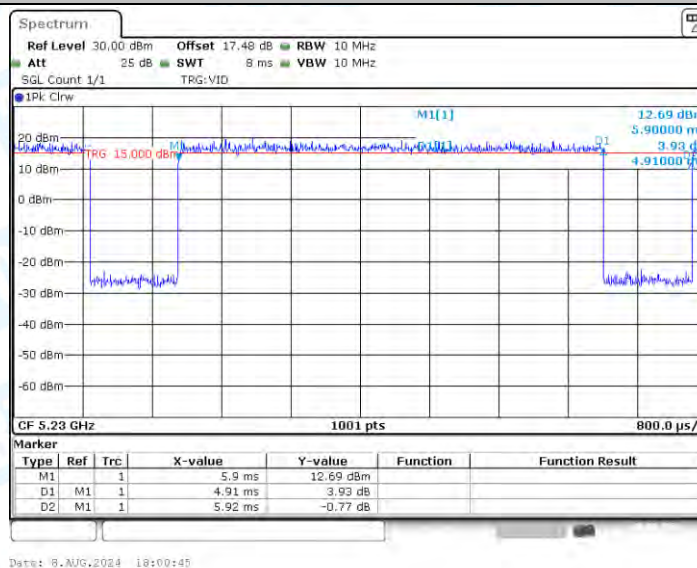
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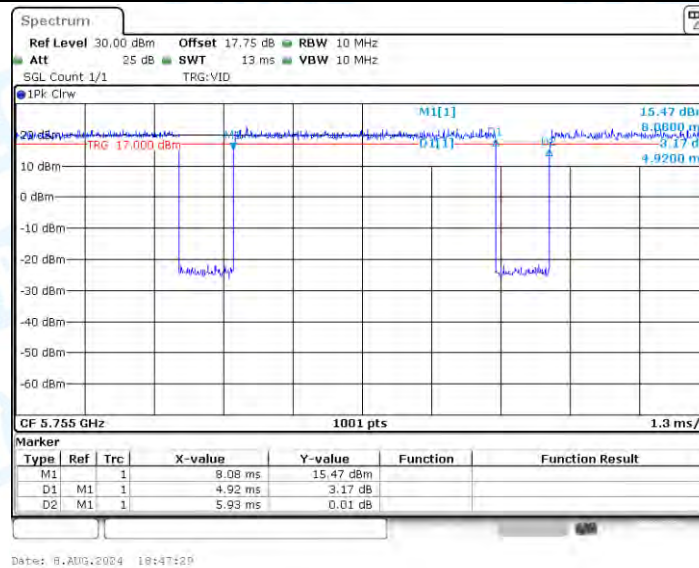
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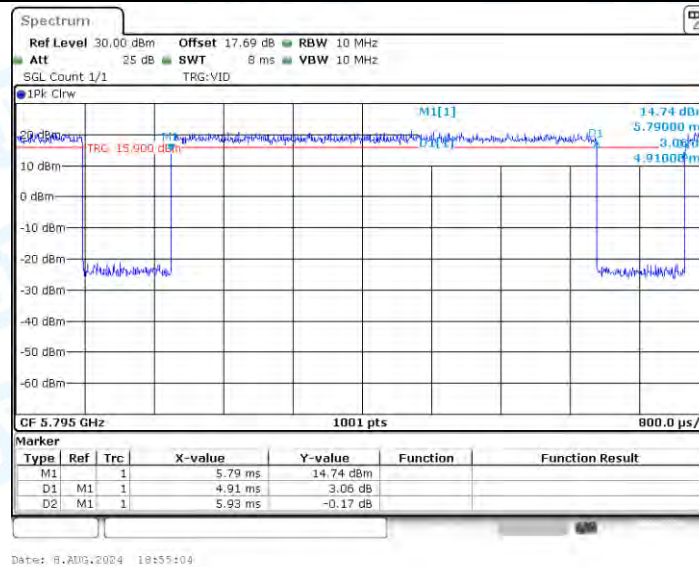
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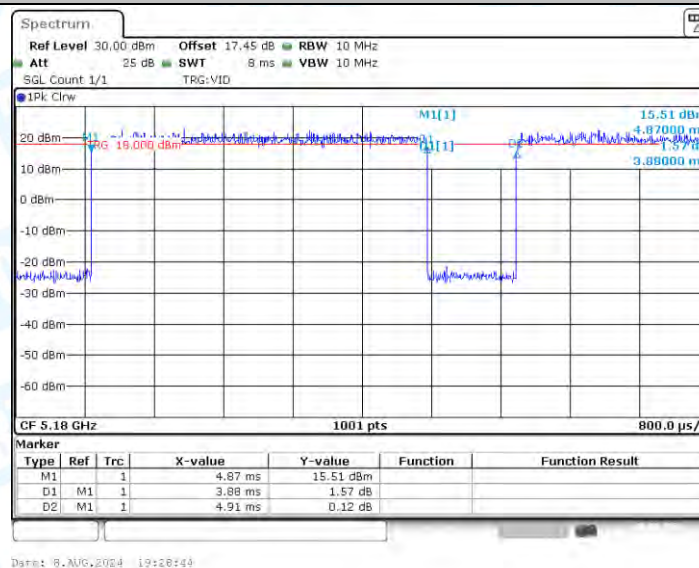
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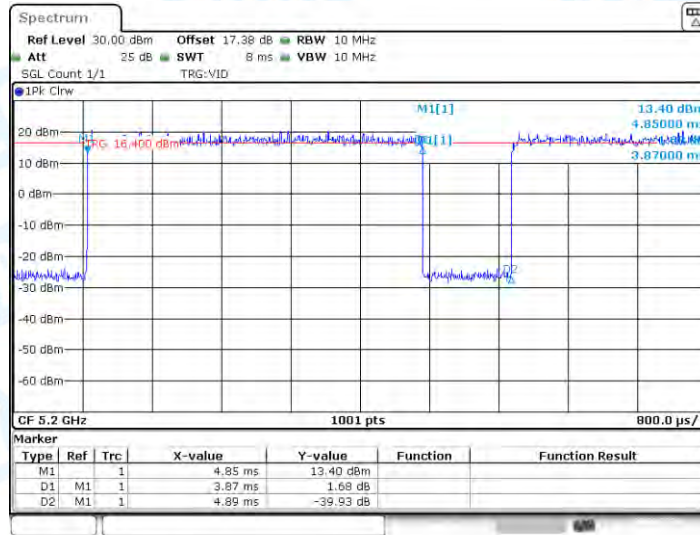
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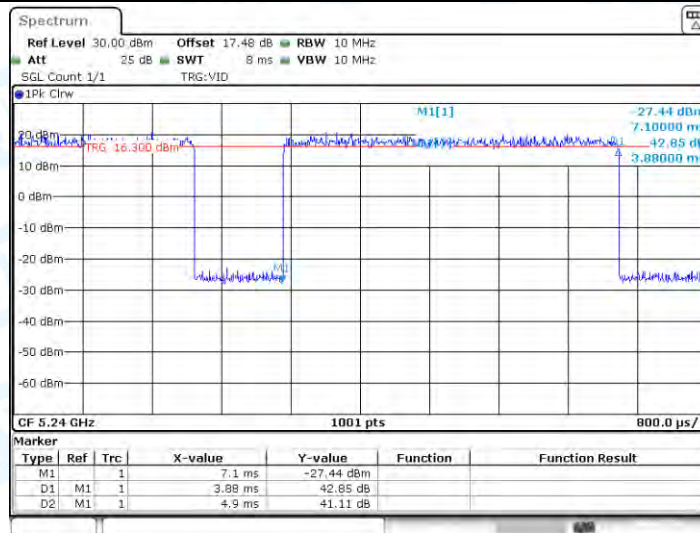


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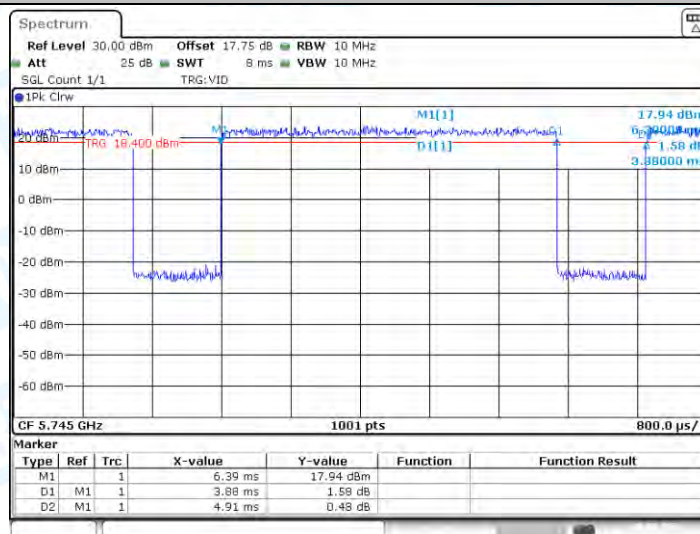
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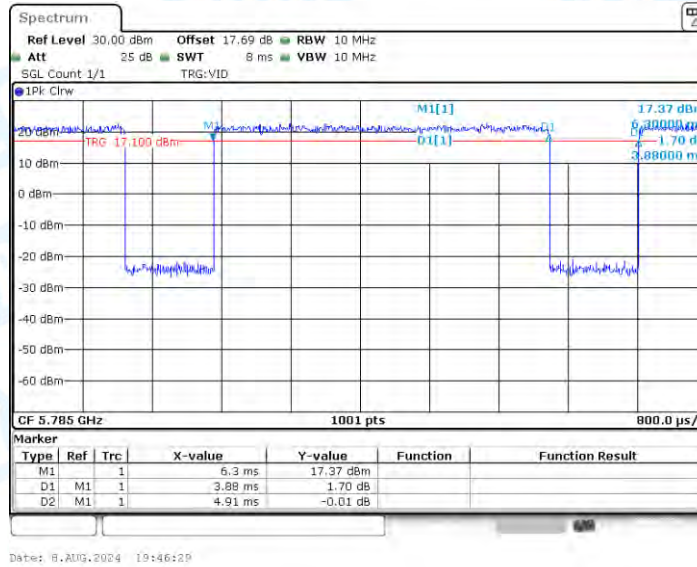
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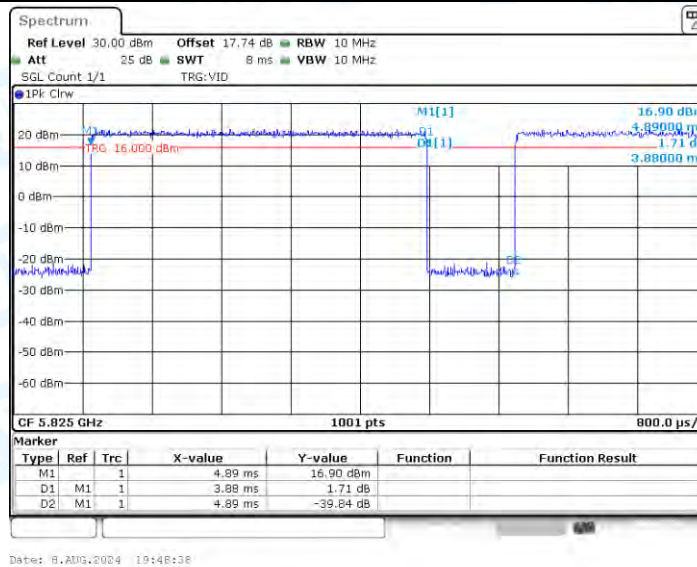


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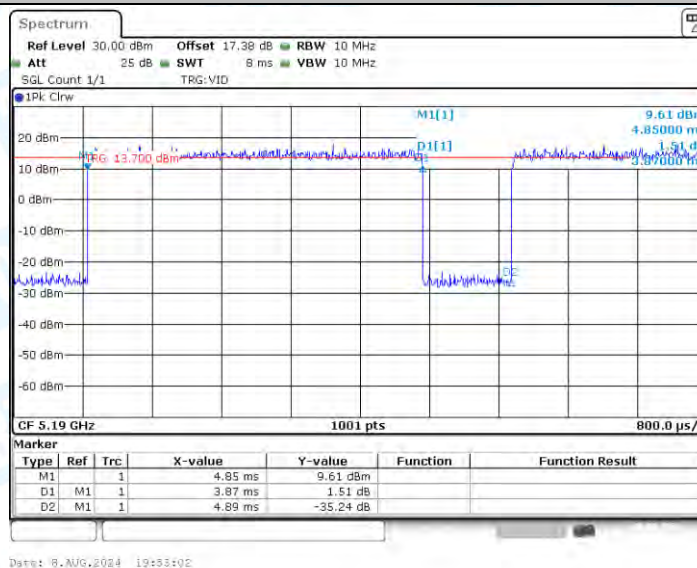
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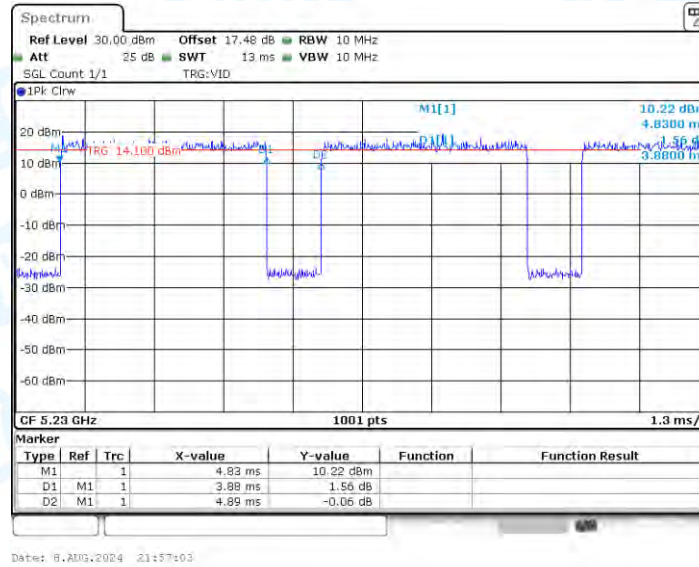
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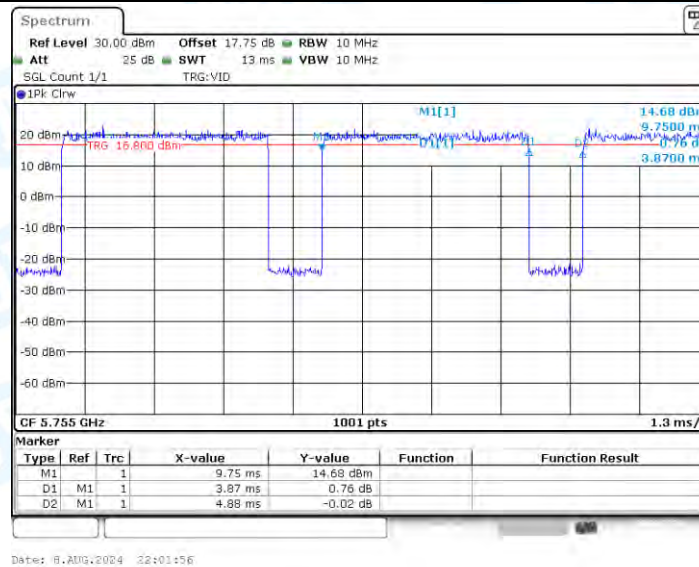
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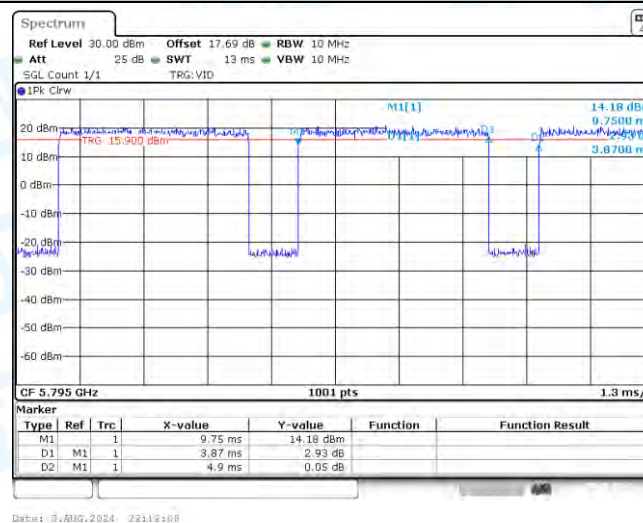
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

-----End of the report-----