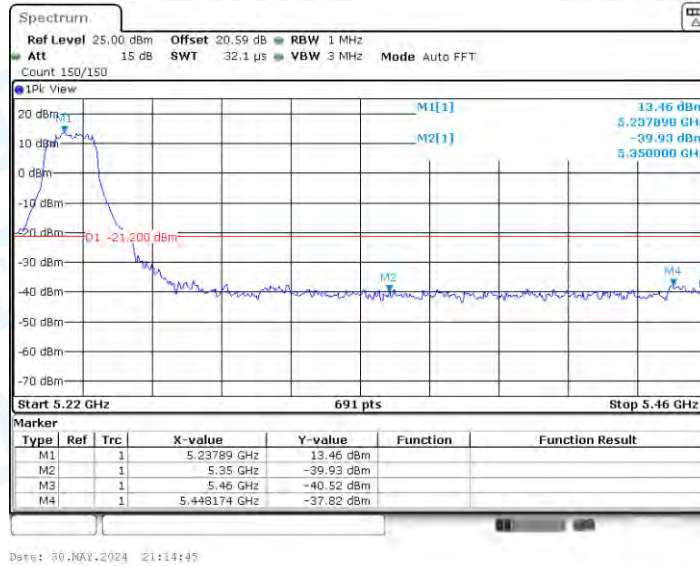
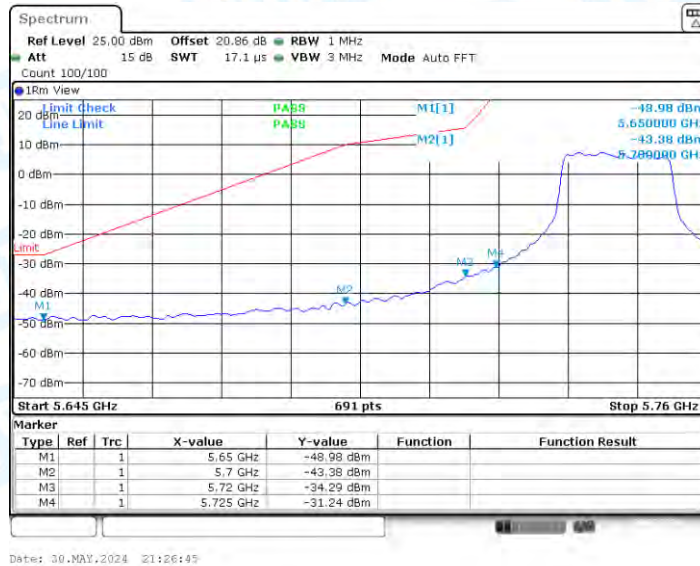




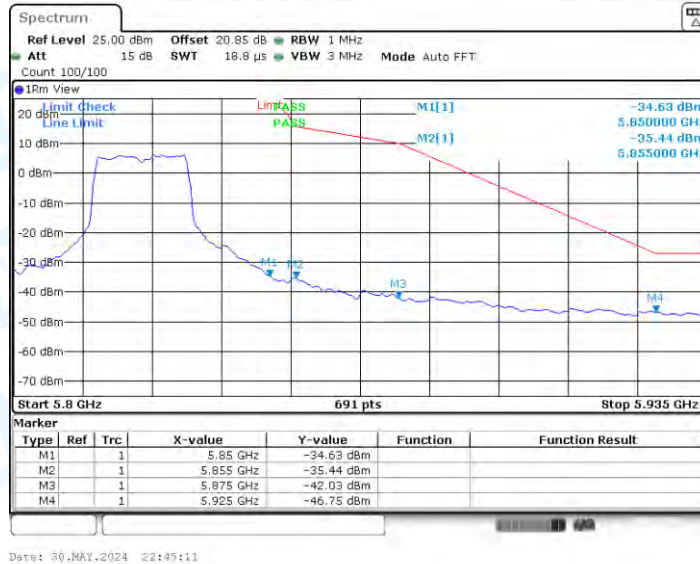
11AC20SISO_Ant1_Low_5745_AV



11AC20SISO_Ant1_Low_5745_Peak



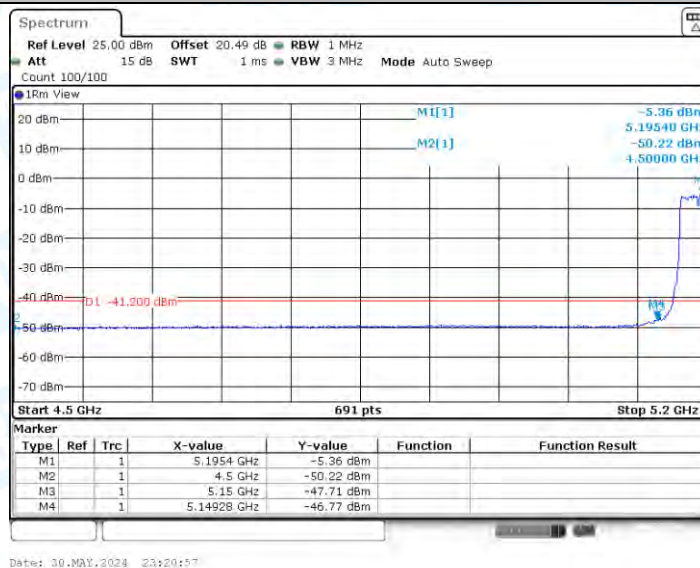
11AC20SISO_Ant1_High_5825_AV



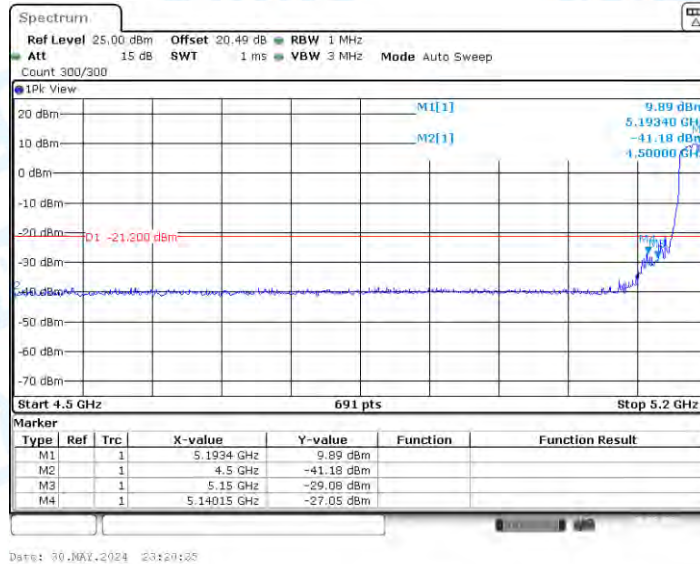
11AC20SISO_Ant1_High_5825_Peak



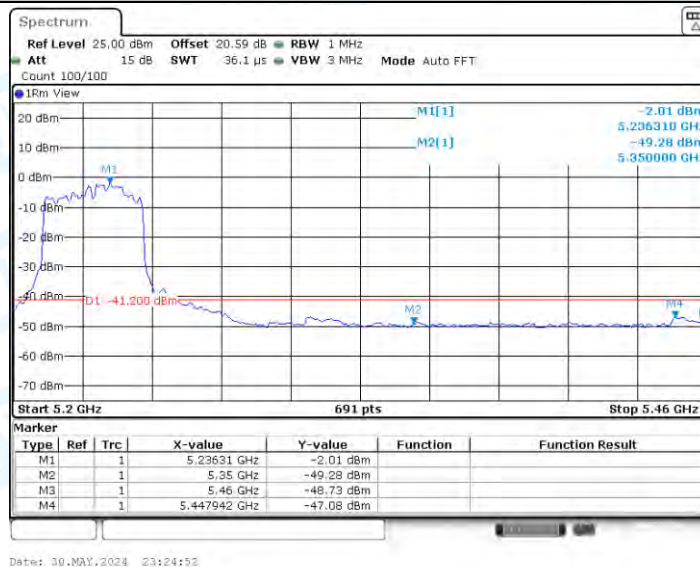
11AC40SISO_Ant1_Low_5190_AV



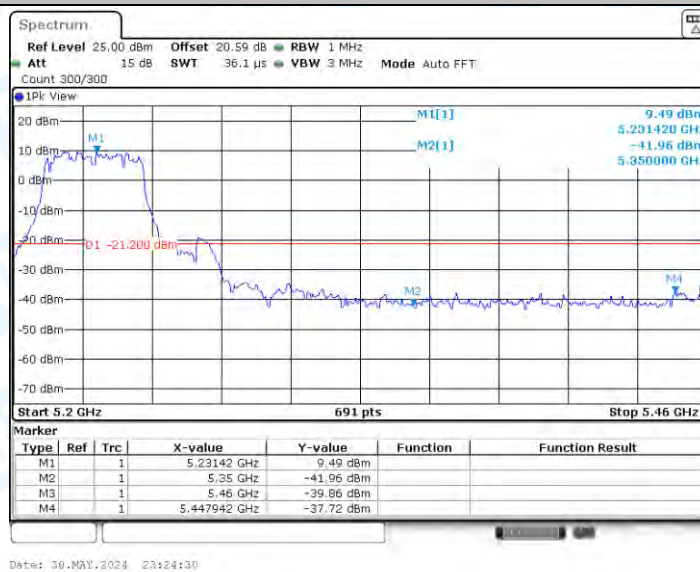
11AC40SISO_Ant1_Low_5190_Peak



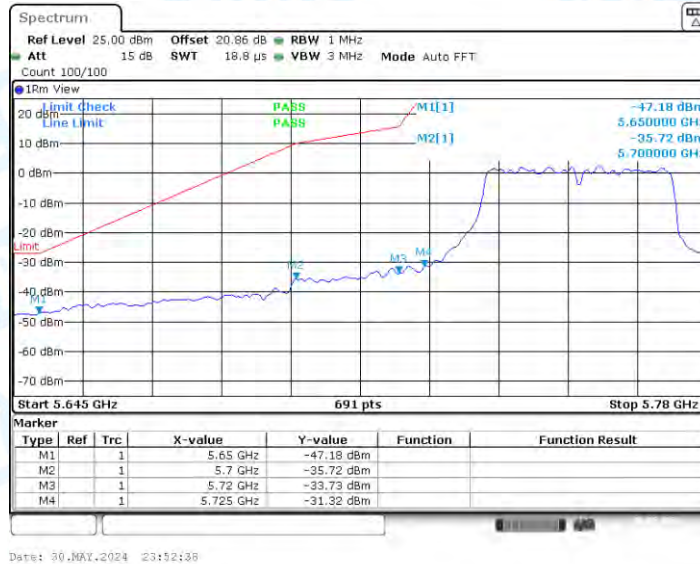
11AC40SISO_Ant1_High_5230_AV



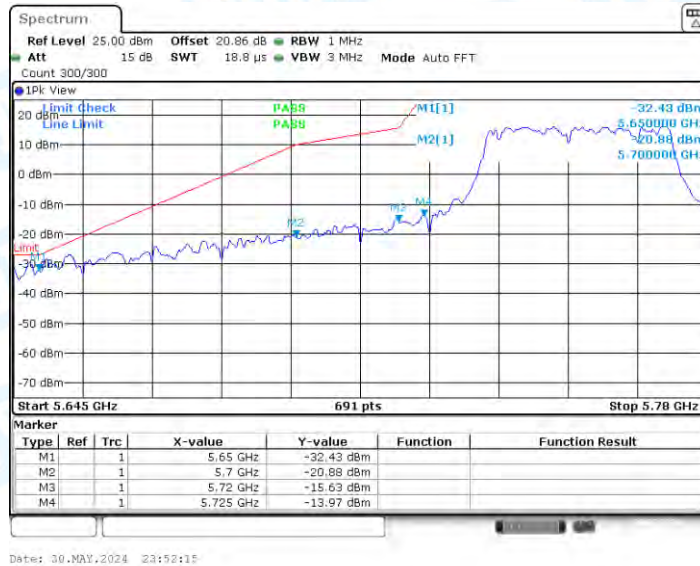
11AC40SISO_Ant1_High_5230_Peak



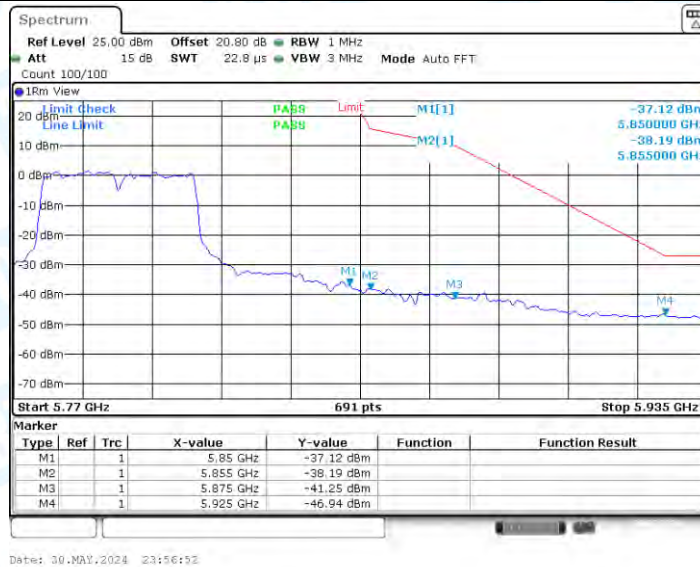
11AC40SISO_Ant1_Low_5755_AV



11AC40SISO_Ant1_Low_5755_Peak



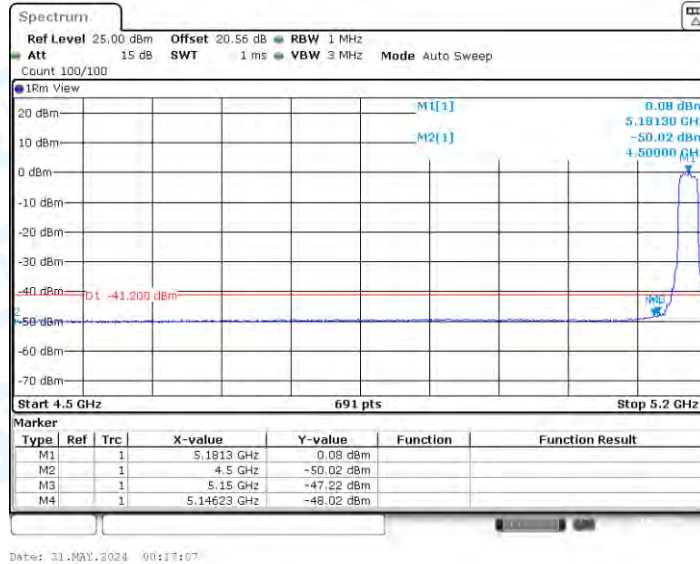
11AC40SISO_Ant1_High_5795_AV



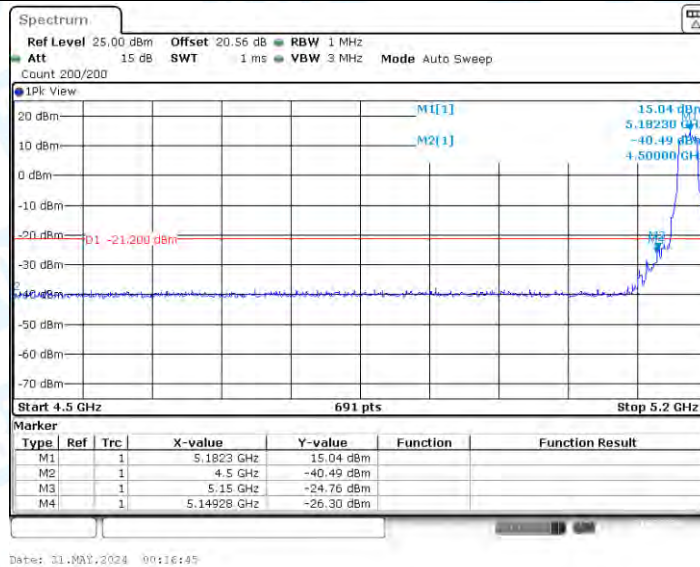
11AC40SISO_Ant1_High_5795_Peak



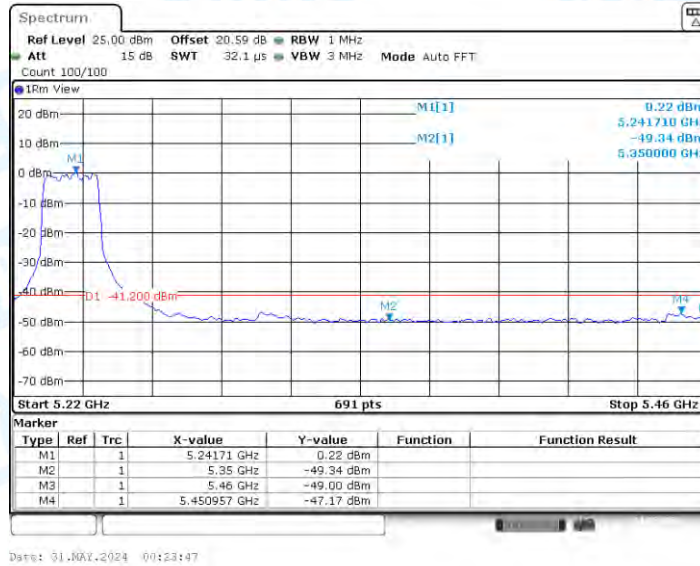
11AX20SISO_Ant1_Low_5180_AV



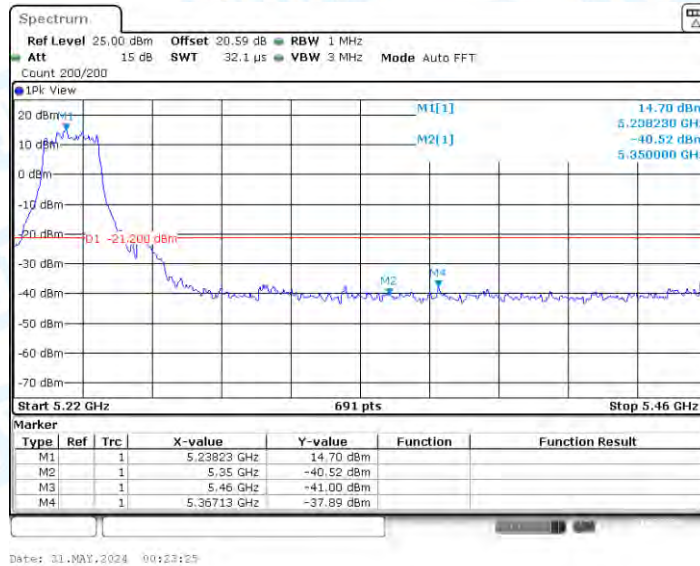
11AX20SISO_Ant1_Low_5180_Peak



11AX20SISO_Ant1_High_5240_AV



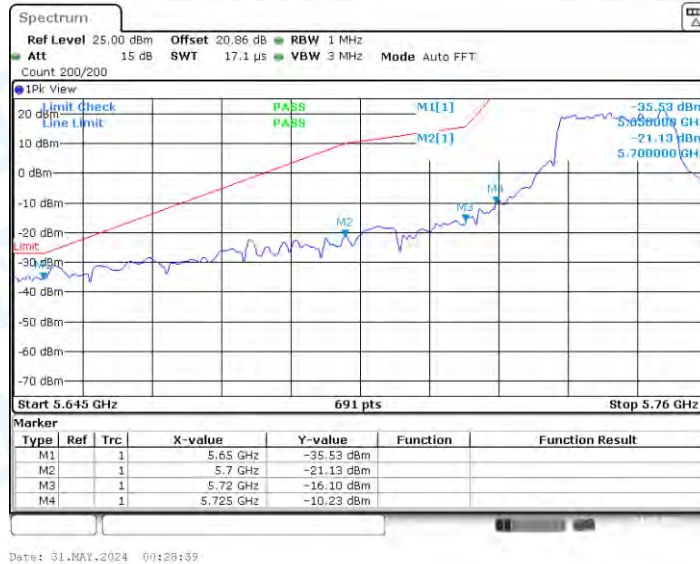
11AX20SISO_Ant1_High_5240_Peak



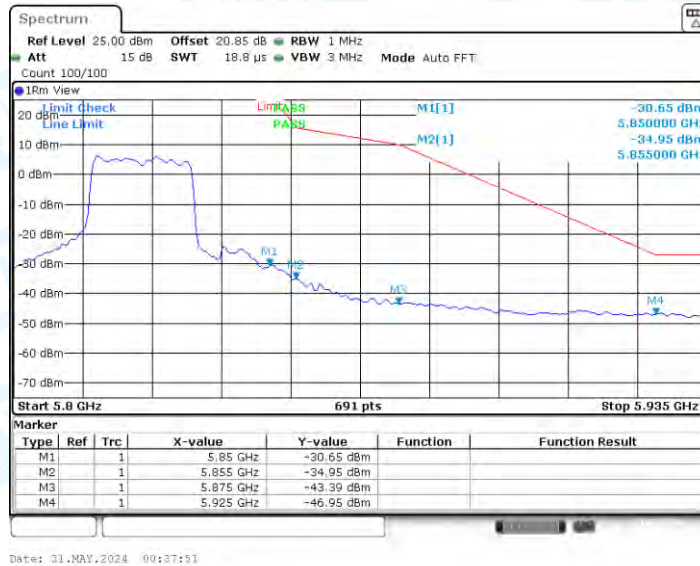
11AX20SISO_Ant1_Low_5745_AV



11AX20SISO_Ant1_Low_5745_Peak



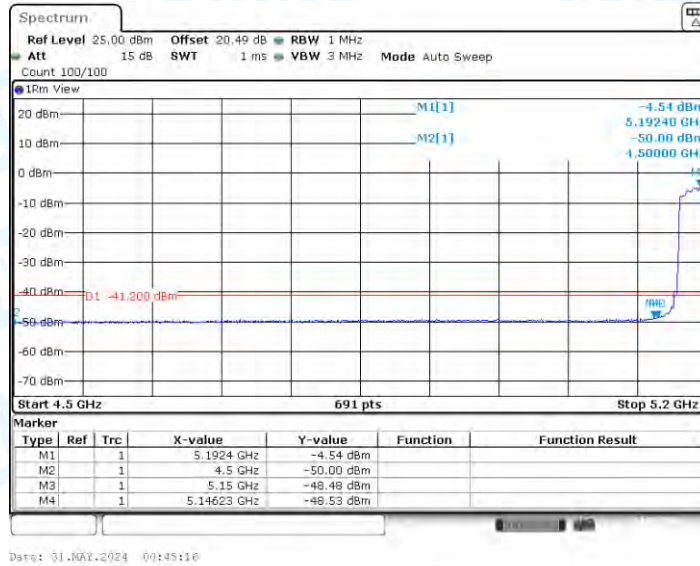
11AX20SISO_Ant1_High_5825_AV



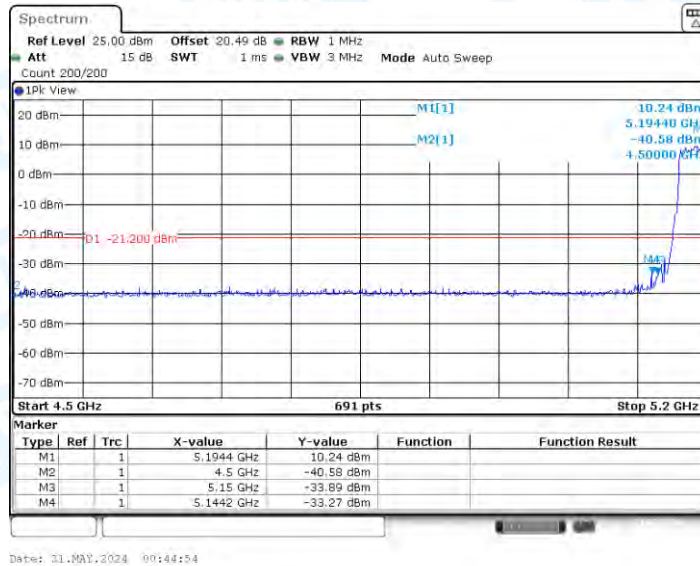
11AX20SISO_Ant1_High_5825_Peak



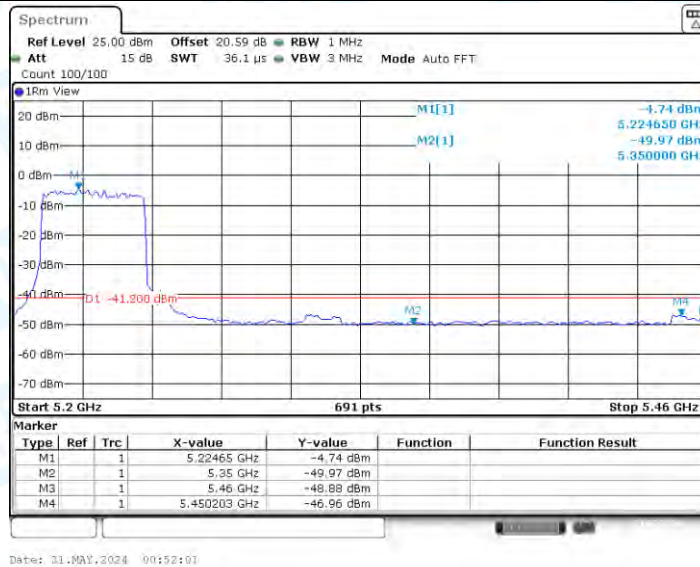
11AX40SISO_Ant1_Low_5190_AV



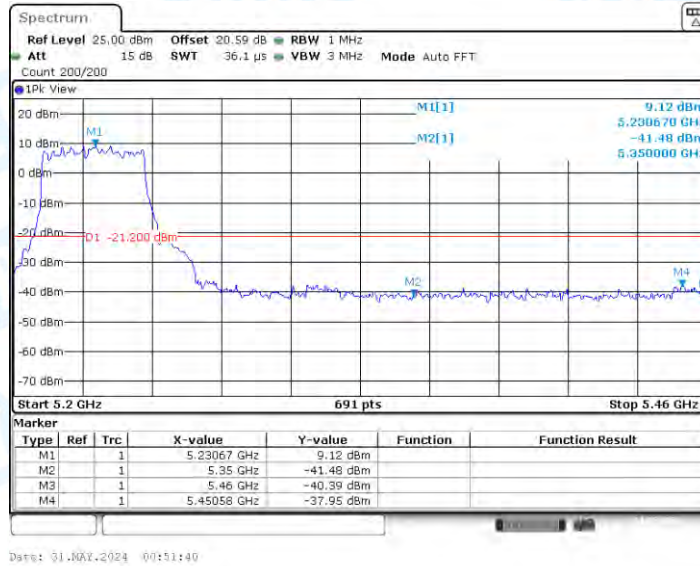
11AX40SISO_Ant1_Low_5190_Peak



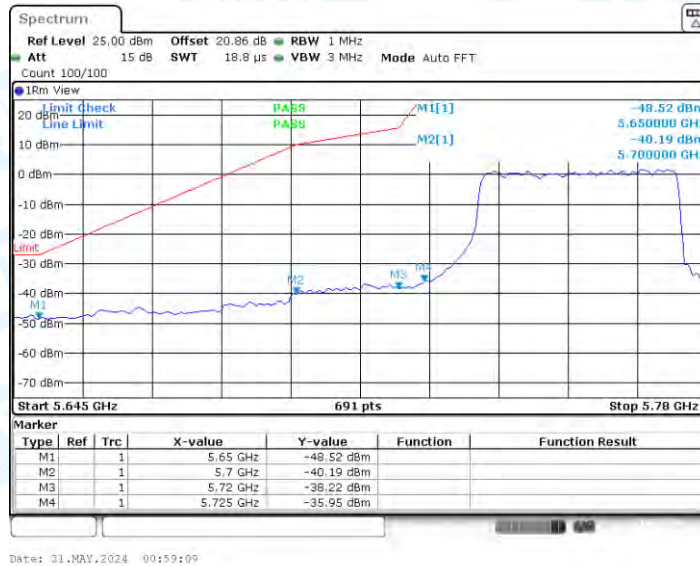
11AX40SISO_Ant1_High_5230_AV



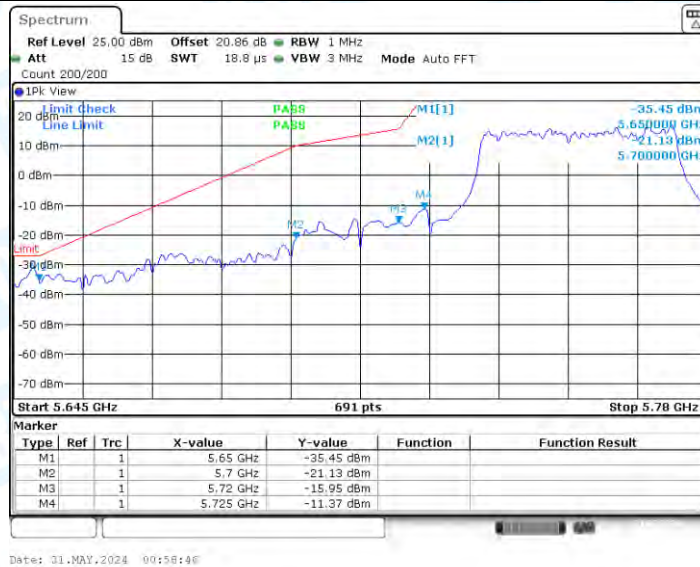
11AX40SISO_Ant1_High_5230_Peak



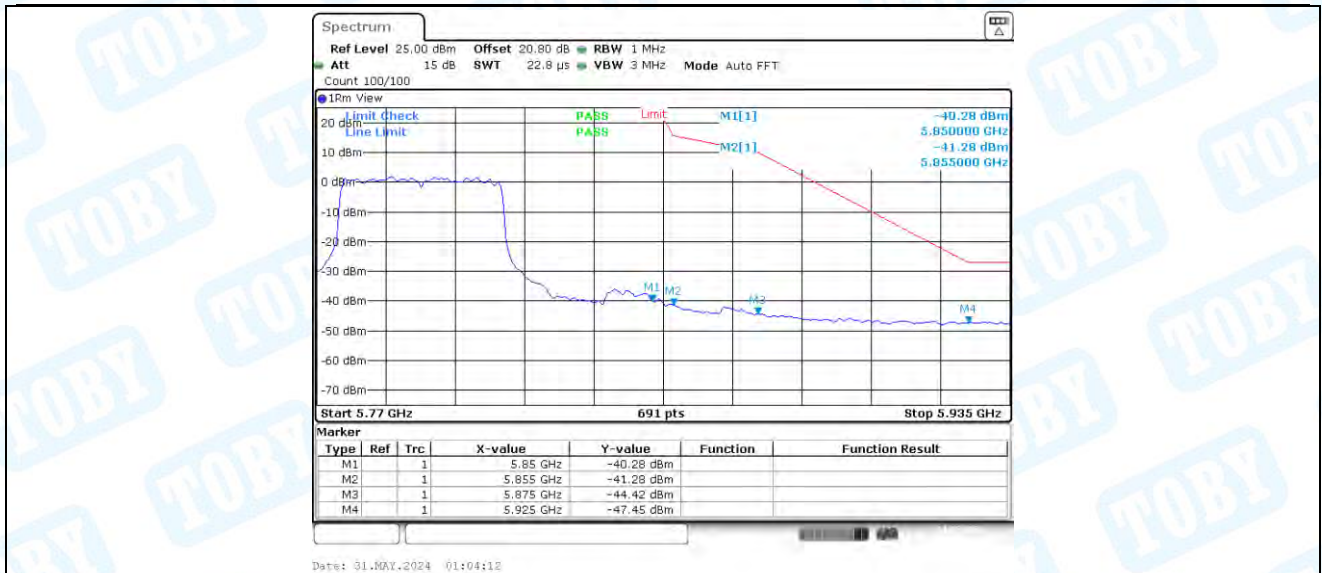
11AX40SISO_Ant1_Low_5755_AV



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_AV



11AX40SISO_Ant1_High_5795_Peak



8. Conducted Spurious Emission

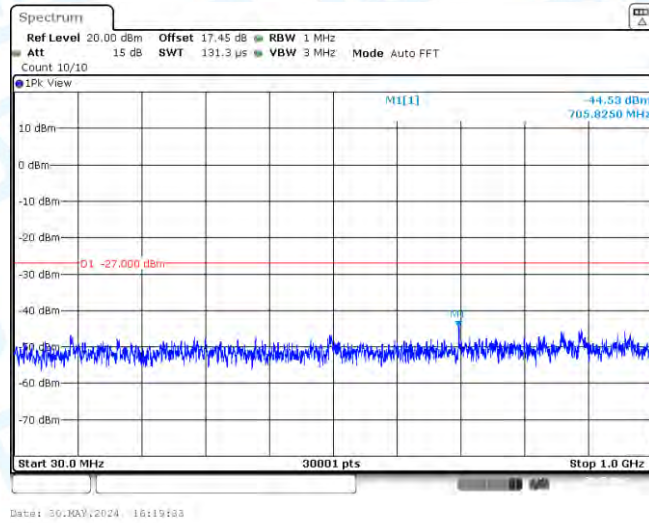
8.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	705.83	-44.53	≤-27	PASS
			1000~40000	6840.9	-37.76	≤-27	PASS
		5200	30~1000	709.32	-44.1	≤-27	PASS
			1000~40000	6993	-37.26	≤-27	PASS
		5240	30~1000	958.53	-45.04	≤-27	PASS
			1000~40000	6946.2	-37.22	≤-27	PASS
		5745	30~1000	868.62	-44.05	≤-27	PASS
			1000~40000	5826.9	-30.5	≤-27	PASS
		5785	30~1000	860.57	-43.08	≤-27	PASS
			1000~40000	5877.6	-34.66	≤-27	PASS
		5825	30~1000	508.63	-44.35	≤-27	PASS
			1000~40000	5908.8	-31.48	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	865.29	-45.18	≤-27	PASS
			1000~40000	6990.4	-37.55	≤-27	PASS
		5200	30~1000	861.25	-44.32	≤-27	PASS
			1000~40000	6968.3	-36.86	≤-27	PASS
		5240	30~1000	708.12	-44.96	≤-27	PASS
			1000~40000	6982.6	-37.19	≤-27	PASS
		5745	30~1000	708.74	-44.42	≤-27	PASS
			1000~40000	5832.1	-28.97	≤-27	PASS
		5785	30~1000	888.24	-45.33	≤-27	PASS
			1000~40000	5873.7	-28.66	≤-27	PASS
		5825	30~1000	705.83	-43.51	≤-27	PASS
			1000~40000	5741.1	-32.33	≤-27	PASS
11N40SISO	Ant1	5190	30~1000	891.99	-45.16	≤-27	PASS
			1000~40000	6986.5	-38.02	≤-27	PASS
		5230	30~1000	889.73	-44.45	≤-27	PASS
			1000~40000	6528.9	-37.7	≤-27	PASS
		5755	30~1000	964.35	-43.61	≤-27	PASS
			1000~40000	6987.8	-37.79	≤-27	PASS
		5795	30~1000	888.37	-44.38	≤-27	PASS
			1000~40000	6774.6	-37.97	≤-27	PASS
		5180	30~1000	889.44	-45.36	≤-27	PASS
			1000~40000	6874.7	-37.75	≤-27	PASS
11AC20SISO	Ant1	5200	30~1000	956.82	-46.07	≤-27	PASS
			1000~40000	6998.2	-37.44	≤-27	PASS
		5240	30~1000	708.25	-43.9	≤-27	PASS
			1000~40000	6961.8	-37.83	≤-27	PASS
		5745	30~1000	892.29	-44.71	≤-27	PASS
			1000~40000	6998.2	-37.44	≤-27	PASS
		5745	30~1000	892.29	-44.71	≤-27	PASS

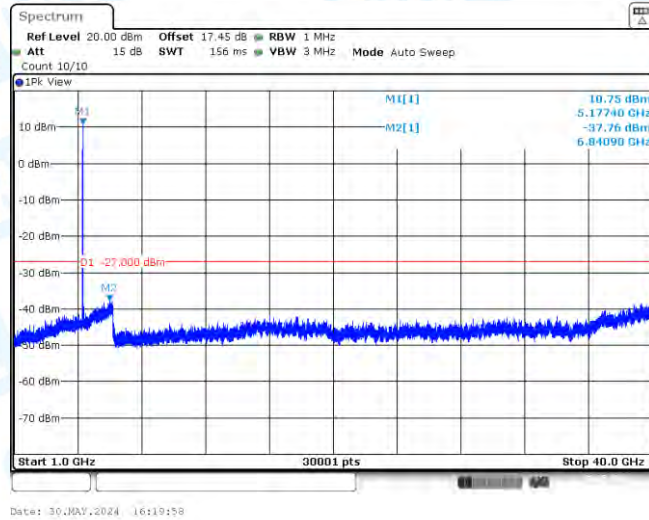
		5785	1000~40000	5836	-37.68	≤-27	PASS
			30~1000	890.6	-44.47	≤-27	PASS
		5825	1000~40000	5871.1	-34.94	≤-27	PASS
			30~1000	866.9	-44.24	≤-27	PASS
			1000~40000	5742.4	-33.33	≤-27	PASS
11AC40SISO	Ant1	5190	30~1000	889.05	-43.06	≤-27	PASS
			1000~40000	6929.3	-38.2	≤-27	PASS
		5230	30~1000	888.24	-44.41	≤-27	PASS
			1000~40000	6996.9	-37.24	≤-27	PASS
		5755	30~1000	889.38	-44.72	≤-27	PASS
			1000~40000	38580.4	-38.03	≤-27	PASS
		5795	30~1000	861.8	-44.11	≤-27	PASS
			1000~40000	6855.2	-37.61	≤-27	PASS
11AX20SISO	Ant1	5180	30~1000	860.31	-45.07	≤-27	PASS
			1000~40000	6863	-37.16	≤-27	PASS
		5200	30~1000	888.54	-45.04	≤-27	PASS
			1000~40000	6915	-37.26	≤-27	PASS
		5240	30~1000	959.15	-44.95	≤-27	PASS
			1000~40000	6964.4	-38.07	≤-27	PASS
		5745	30~1000	513.71	-44.28	≤-27	PASS
			1000~40000	5829.5	-35.53	≤-27	PASS
		5785	30~1000	958.63	-43.05	≤-27	PASS
			1000~40000	5869.8	-32.8	≤-27	PASS
		5825	30~1000	958.86	-43.88	≤-27	PASS
			1000~40000	5742.4	-36.38	≤-27	PASS
11AX40SISO	Ant1	5190	30~1000	194.98	-45.35	≤-27	PASS
			1000~40000	6881.2	-37.51	≤-27	PASS
		5230	30~1000	888.18	-44.26	≤-27	PASS
			1000~40000	6911.1	-37.28	≤-27	PASS
		5755	30~1000	864.64	-43.44	≤-27	PASS
			1000~40000	39435.8	-37.84	≤-27	PASS
		5795	30~1000	707.67	-43.79	≤-27	PASS
			1000~40000	6947.5	-38.14	≤-27	PASS

8.2. Test Graphs

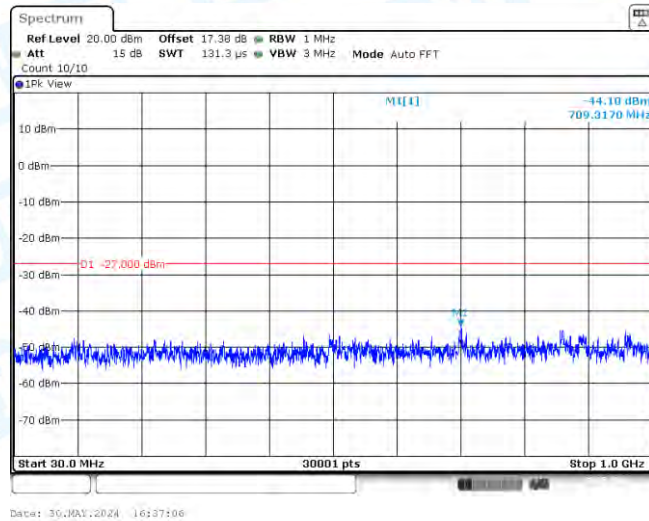
11A_Ant1_5180_30~1000



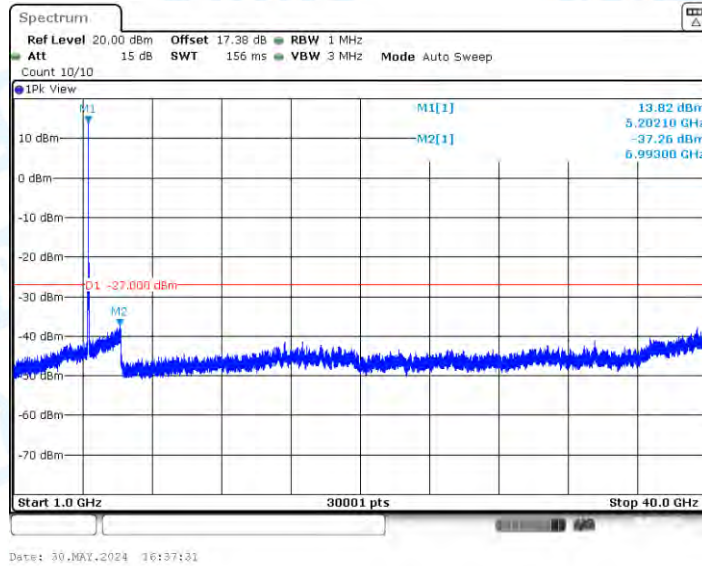
11A_Ant1_5180_1000~40000



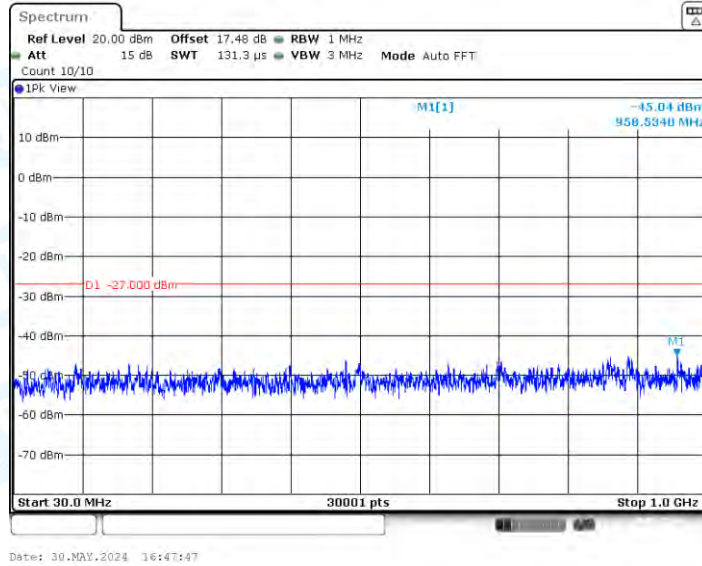
11A_Ant1_5200_30~1000



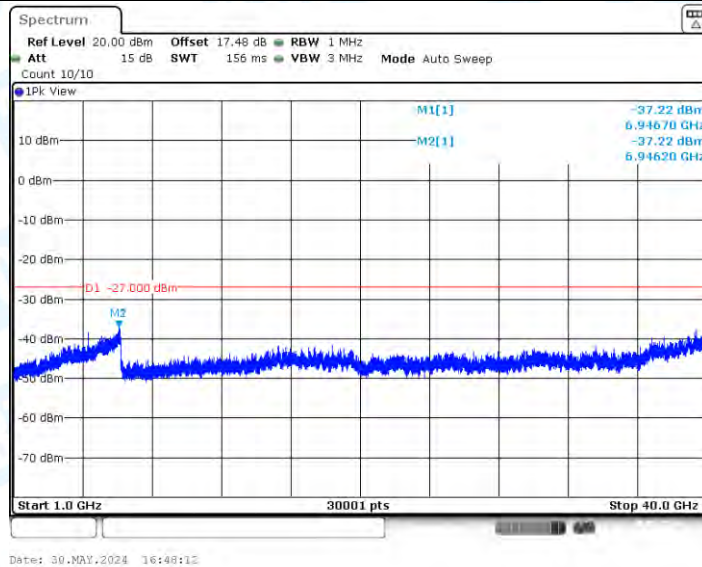
11A_Ant1_5200_1000~40000



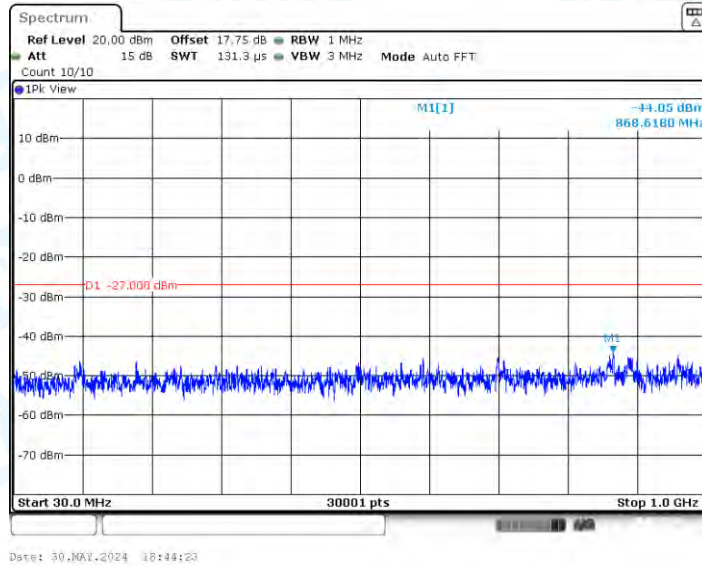
11A_Ant1_5240_30~1000



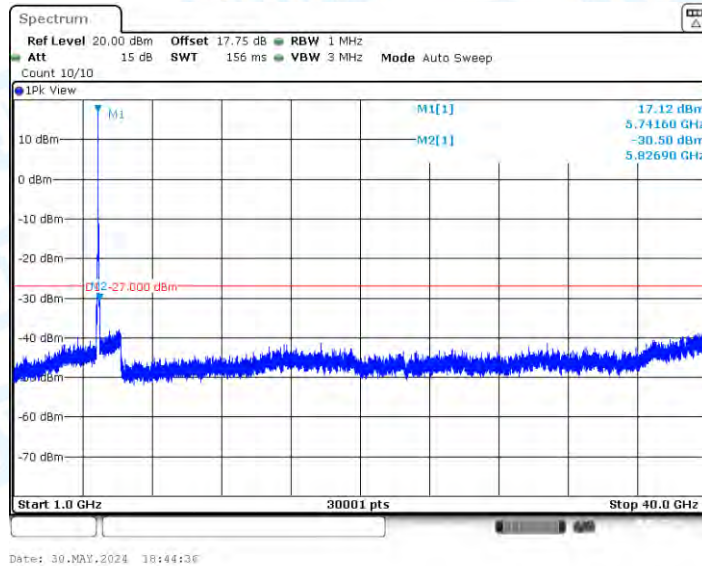
11A_Ant1_5240_1000~40000



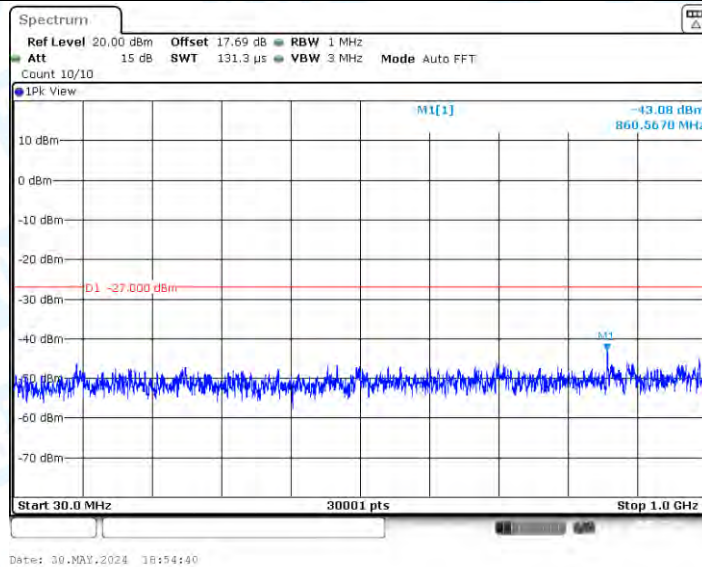
11A_Ant1_5745_30~1000



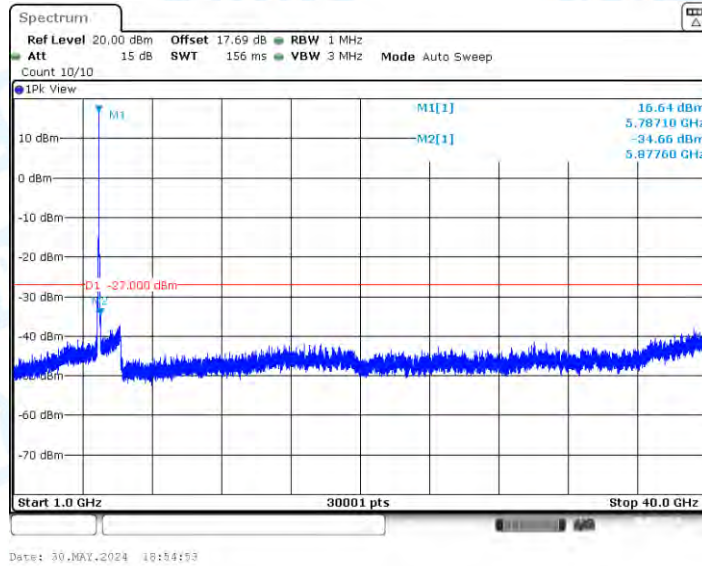
11A_Ant1_5745_1000~40000



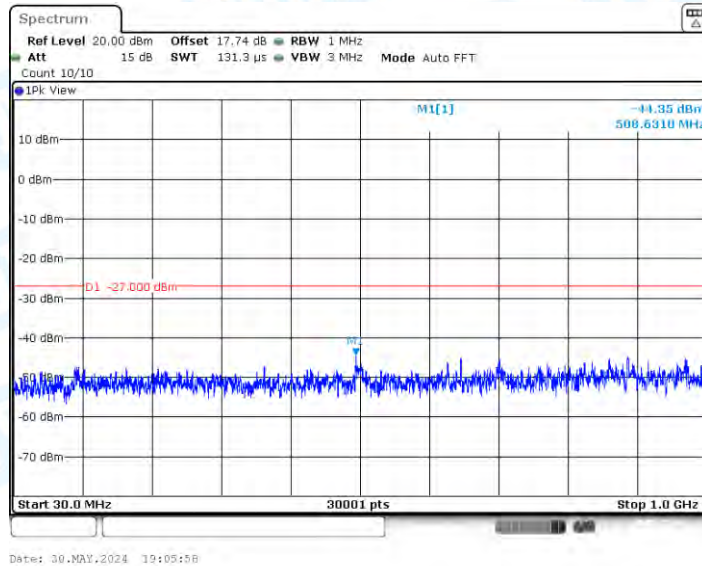
11A_Ant1_5785_30~1000



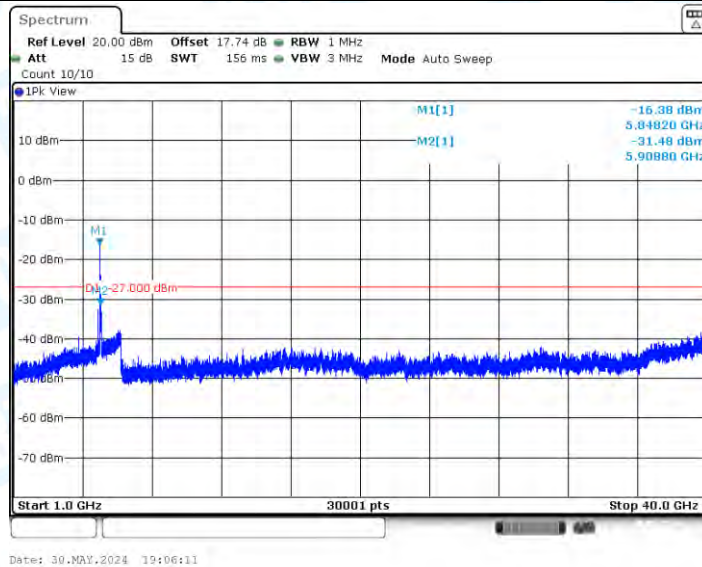
11A_Ant1_5785_1000~40000



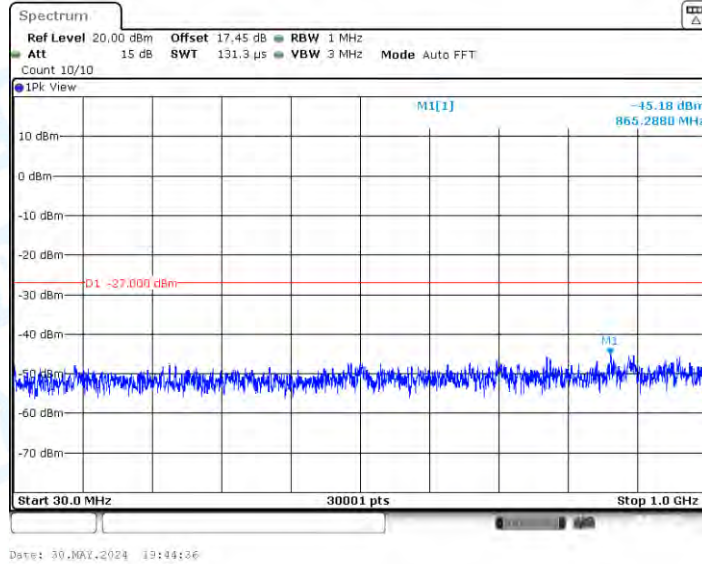
11A_Ant1_5825_30~1000



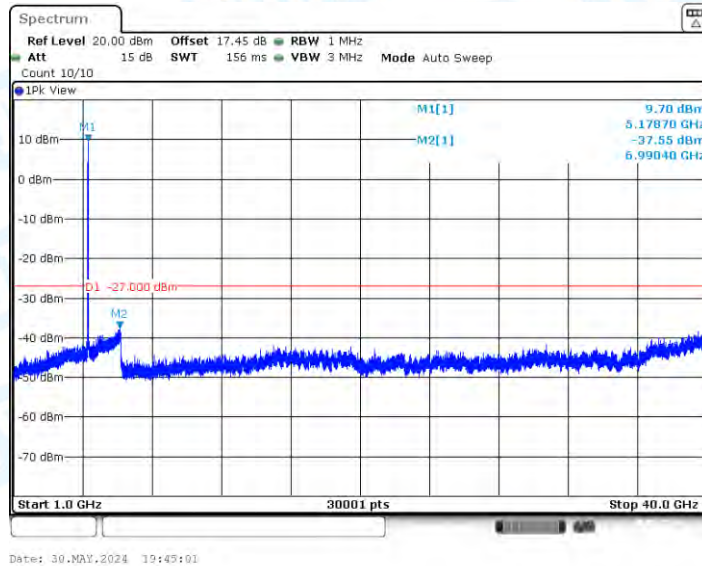
11A_Ant1_5825_1000~40000



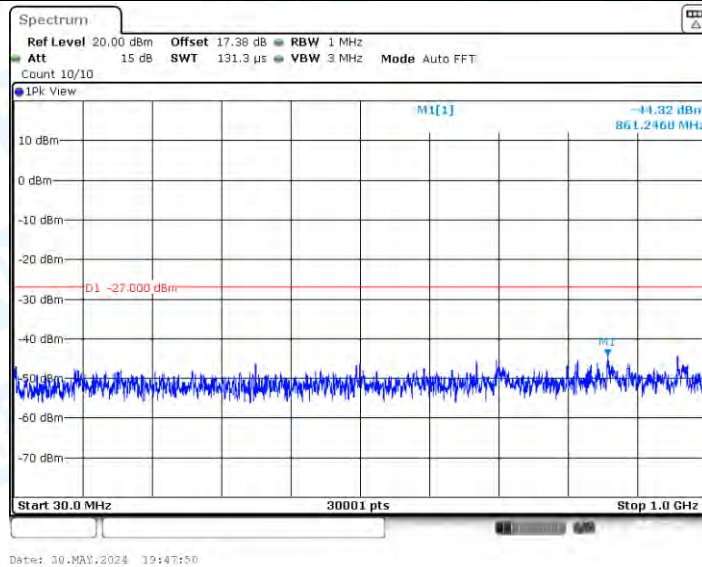
11N20SISO_Ant1_5180_30~1000



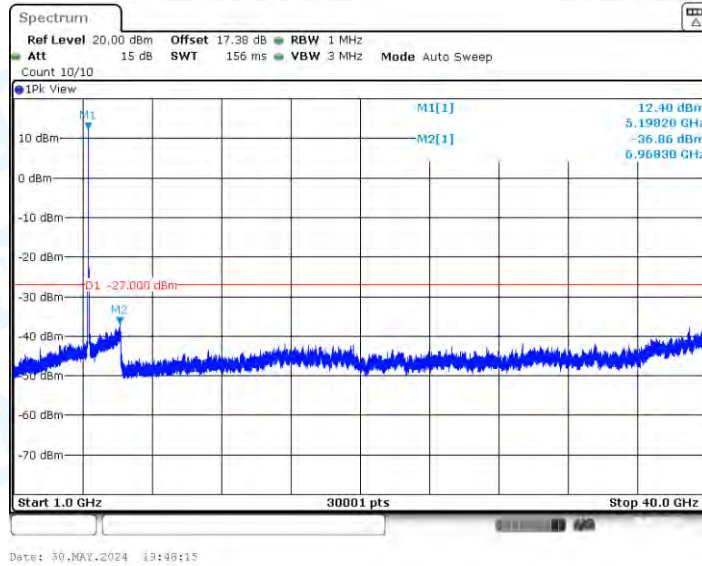
11N20SISO_Ant1_5180_1000~40000



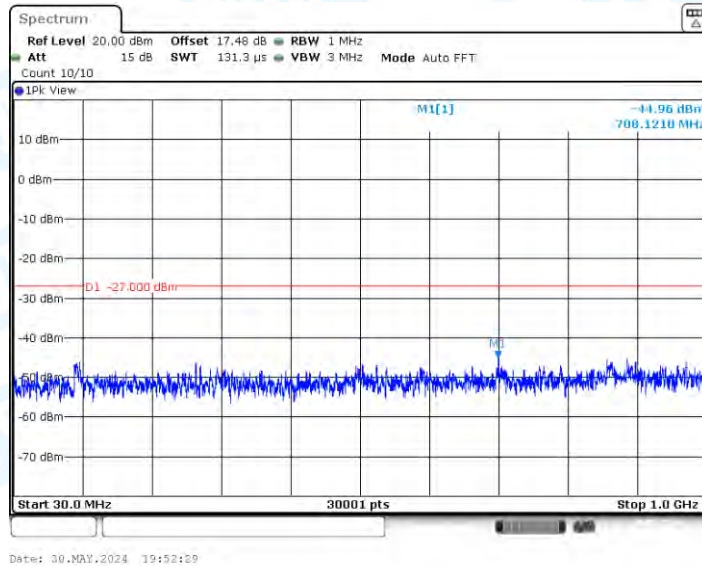
11N20SISO_Ant1_5200_30~1000



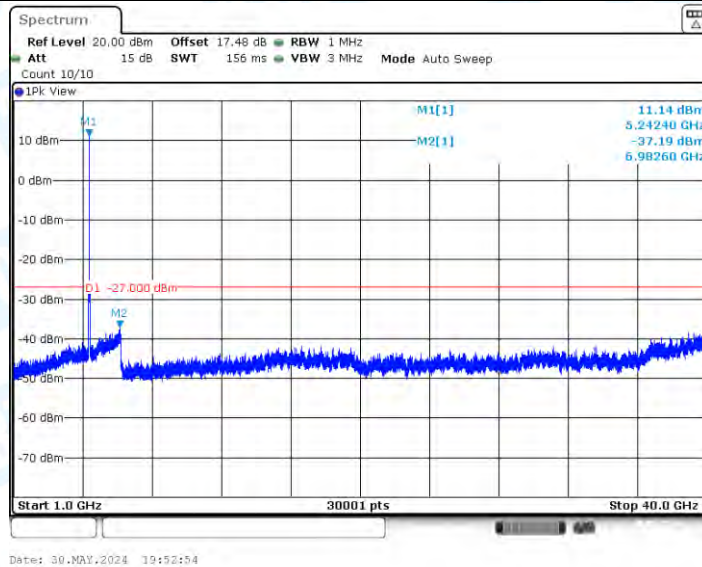
11N20SISO_Ant1_5200_1000~40000



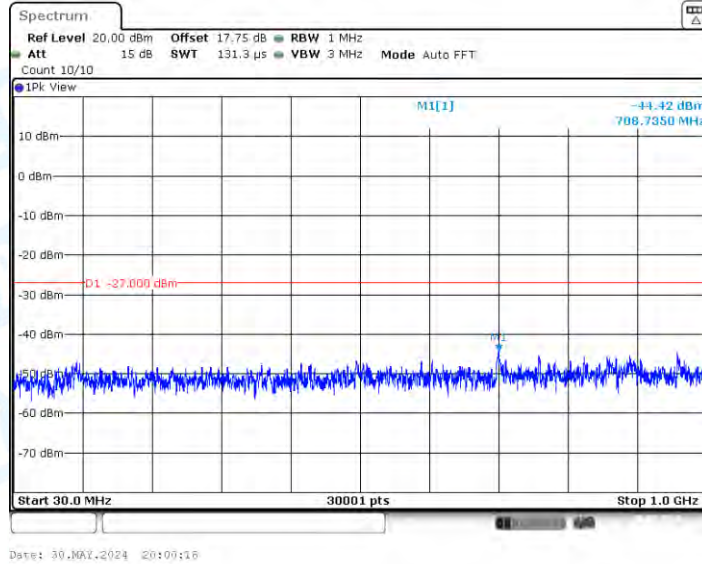
11N20SISO_Ant1_5240_30~1000



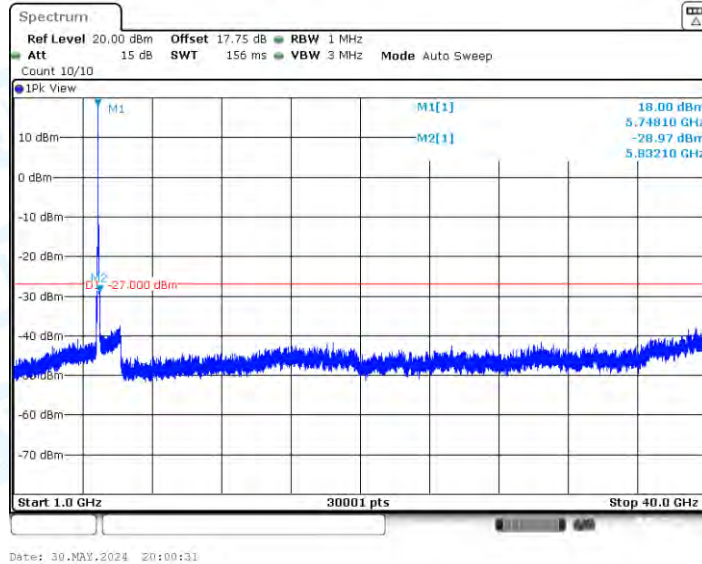
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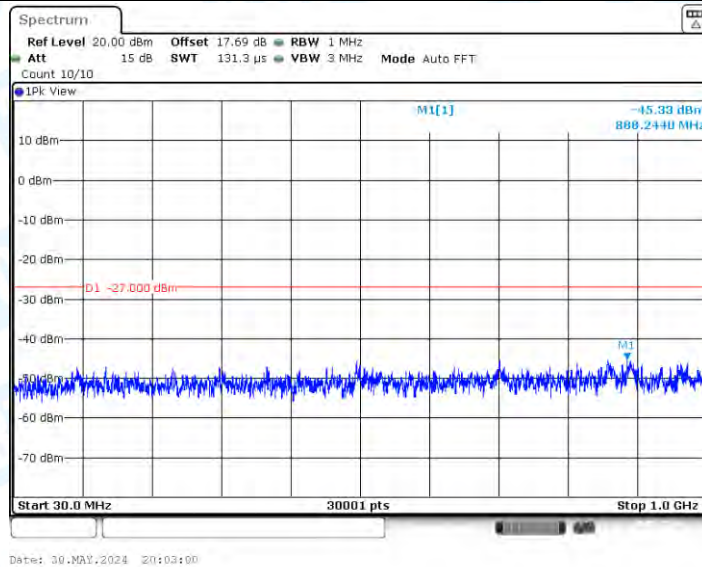
11N20SISO_Ant1_5745_30~1000



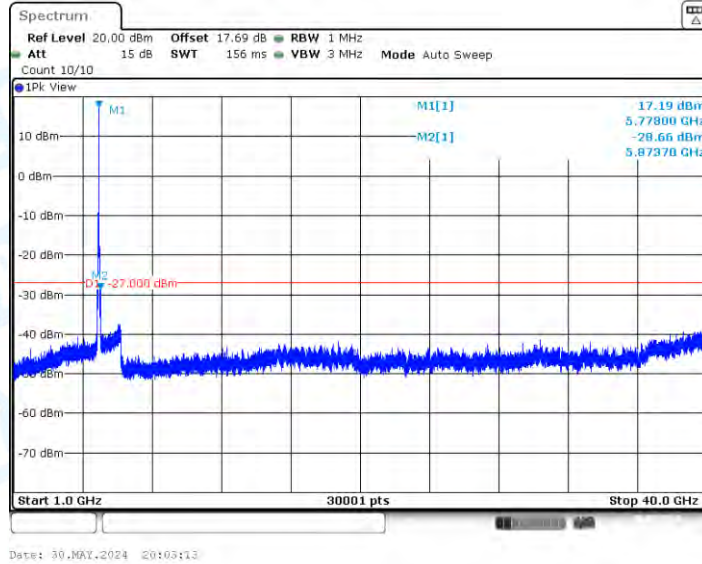
11N20SISO_Ant1_5745_1000~40000



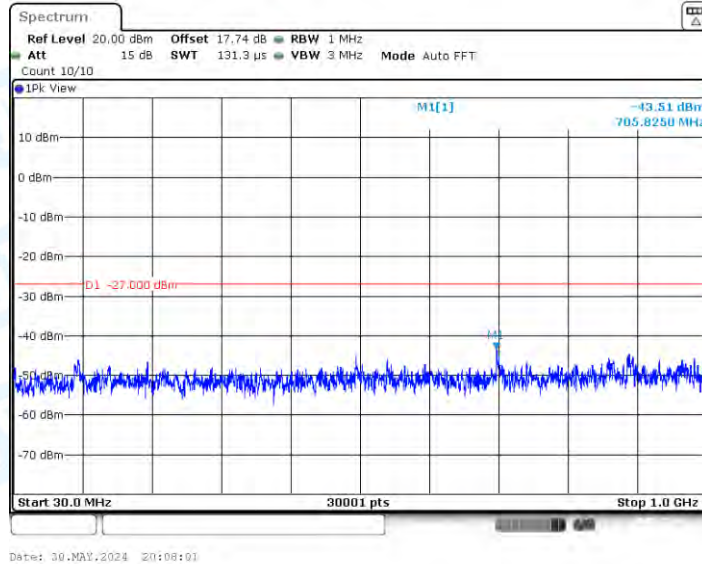
11N20SISO_Ant1_5785_30~1000



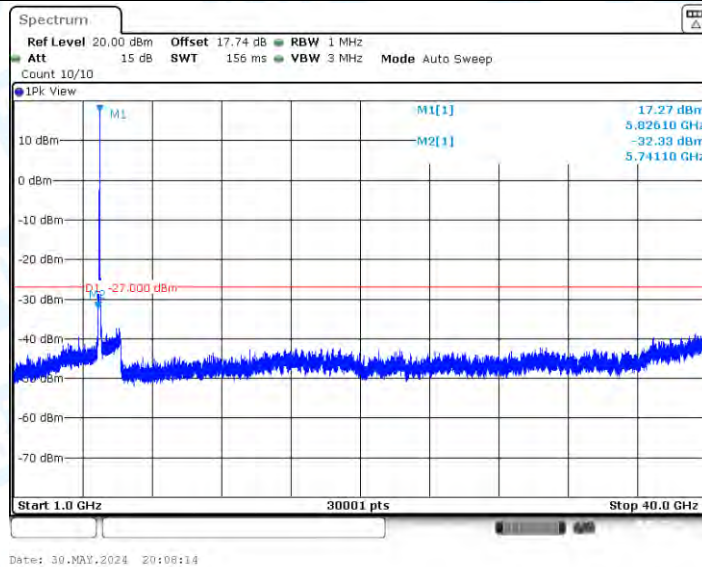
11N20SISO_Ant1_5785_1000~40000



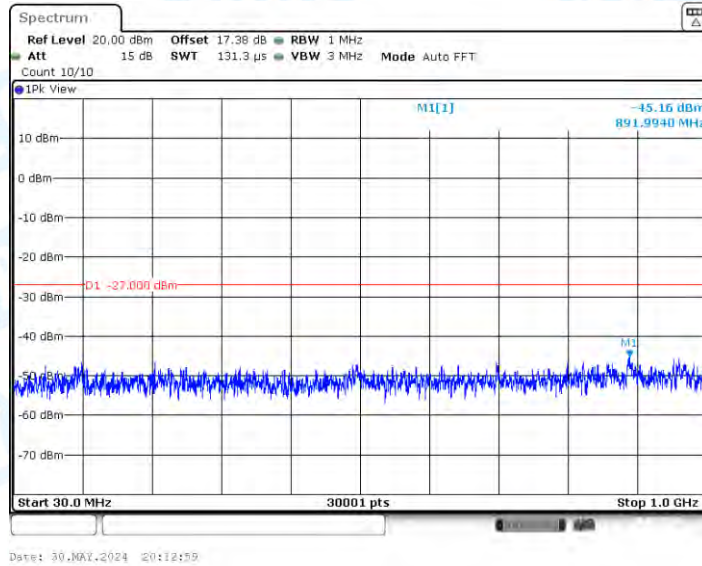
11N20SISO_Ant1_5825_30~1000



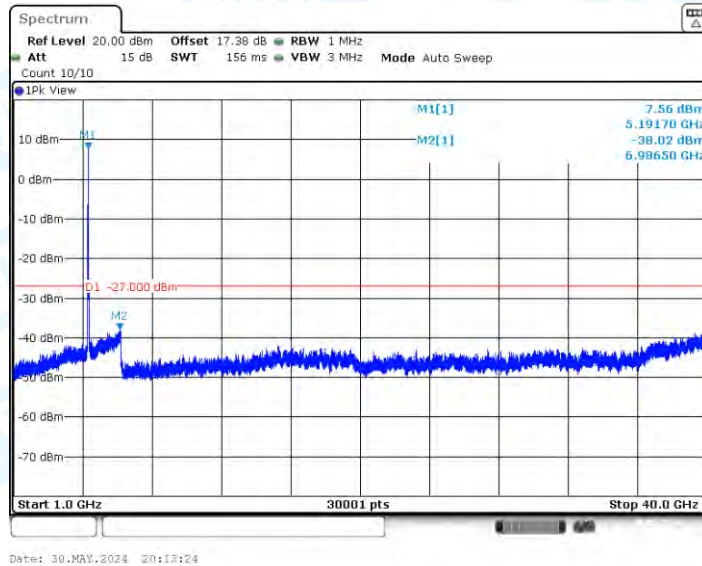
11N20SISO_Ant1_5825_1000~40000



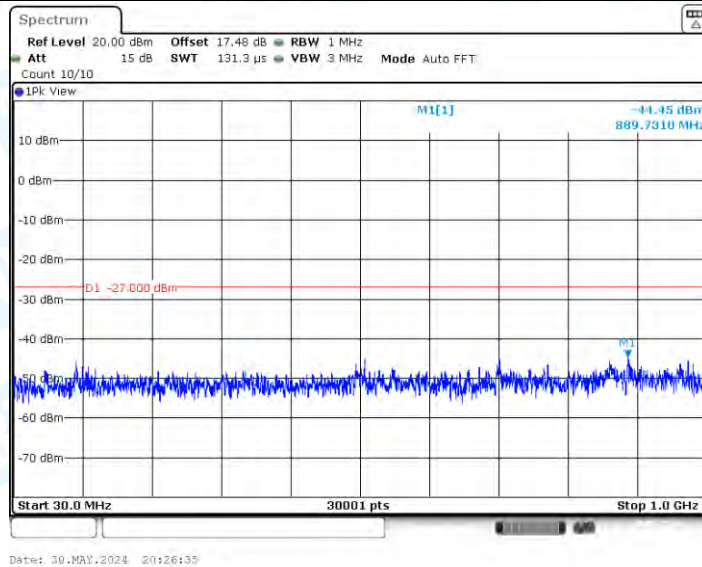
11N40SISO_Ant1_5190_30~1000



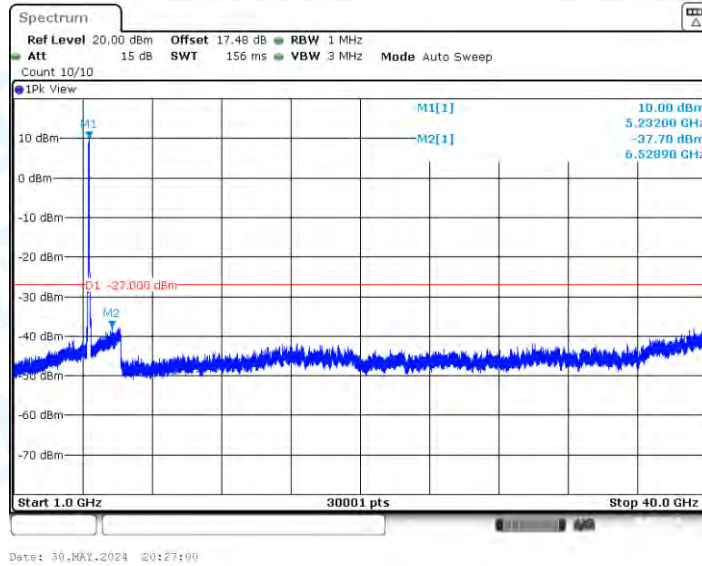
11N40SISO_Ant1_5190_1000~40000



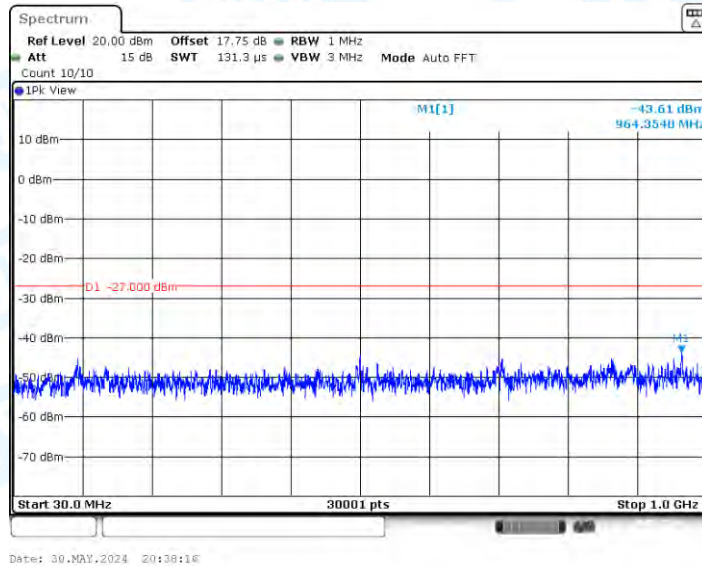
11N40SISO_Ant1_5230_30~1000



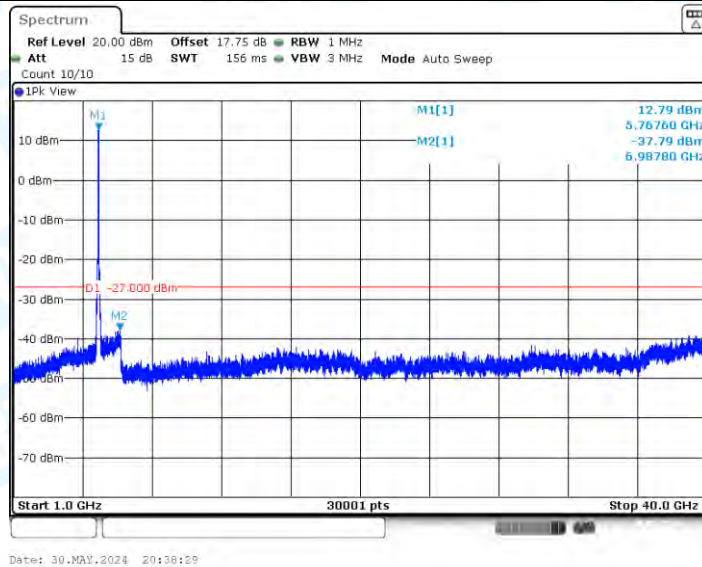
11N40SISO_Ant1_5230_1000~40000



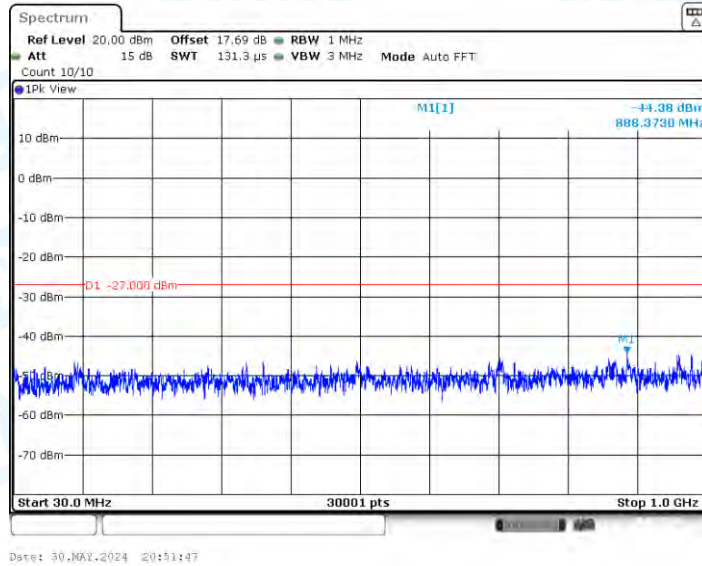
11N40SISO_Ant1_5755_30~1000



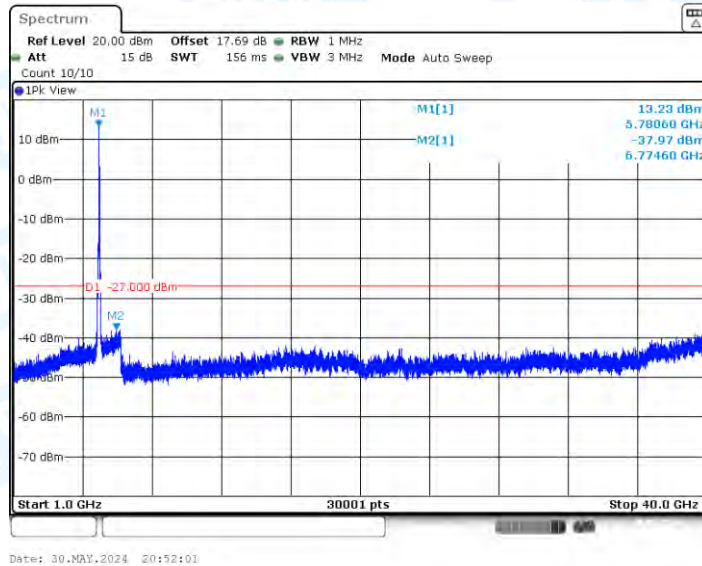
11N40SISO_Ant1_5755_1000~40000



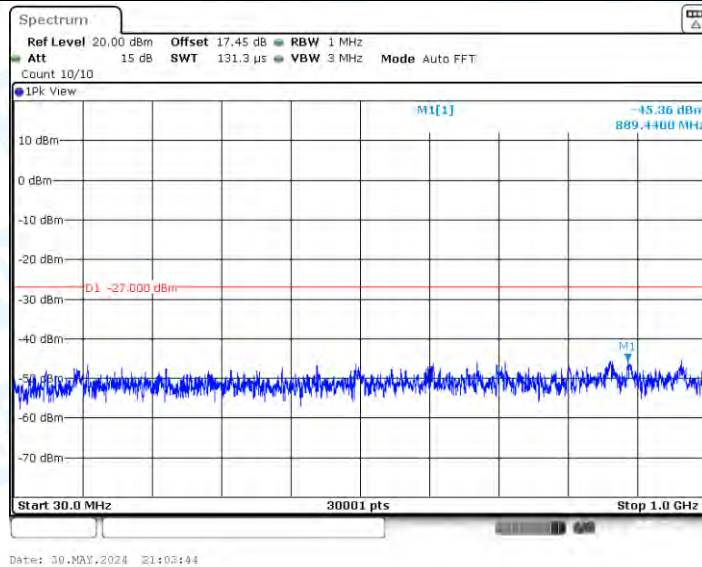
11N40SISO_Ant1_5795_30~1000



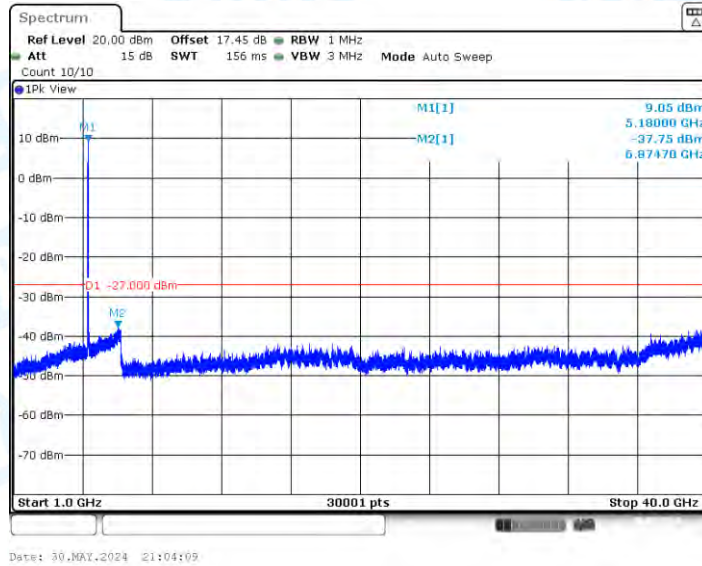
11N40SISO_Ant1_5795_1000~40000



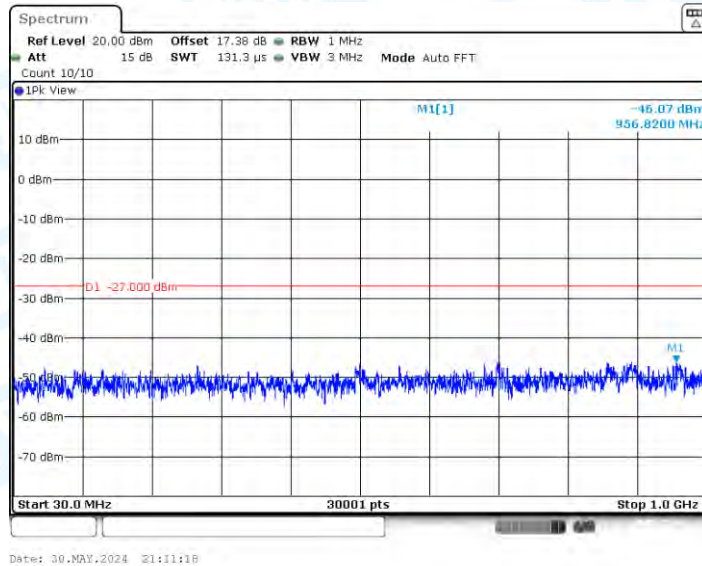
11AC20SISO_Ant1_5180_30~1000



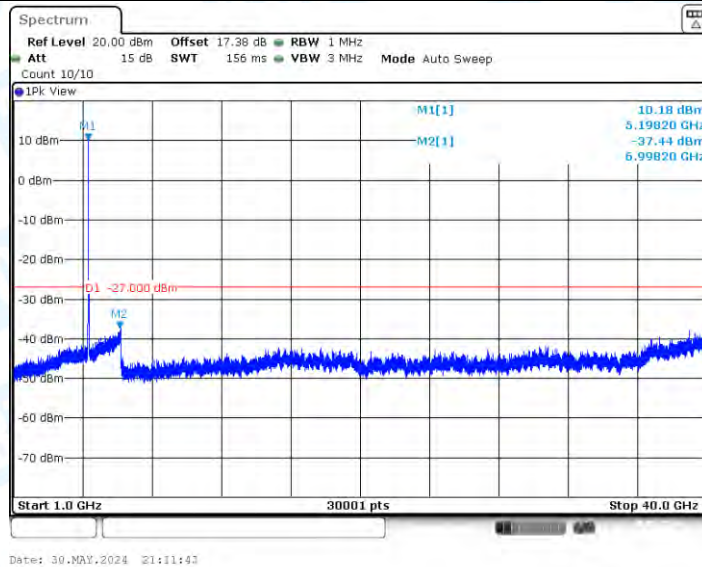
11AC20SISO_Ant1_5180_1000~40000



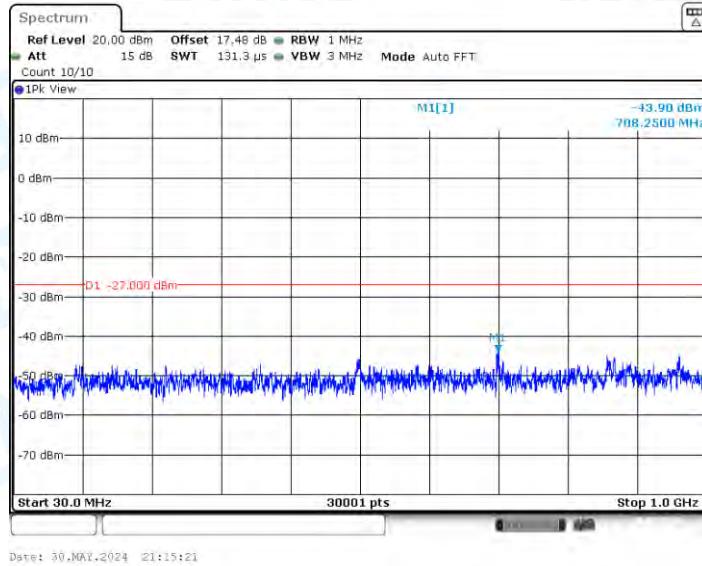
11AC20SISO_Ant1_5200_30~1000



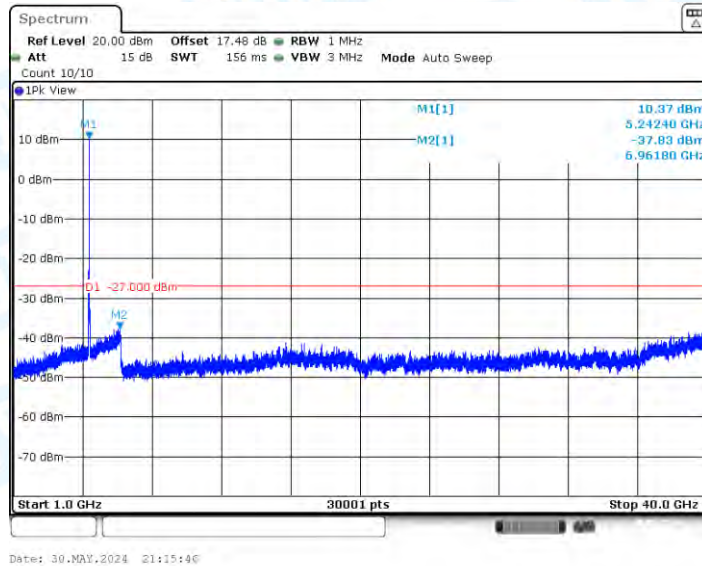
11AC20SISO_Ant1_5200_1000~40000



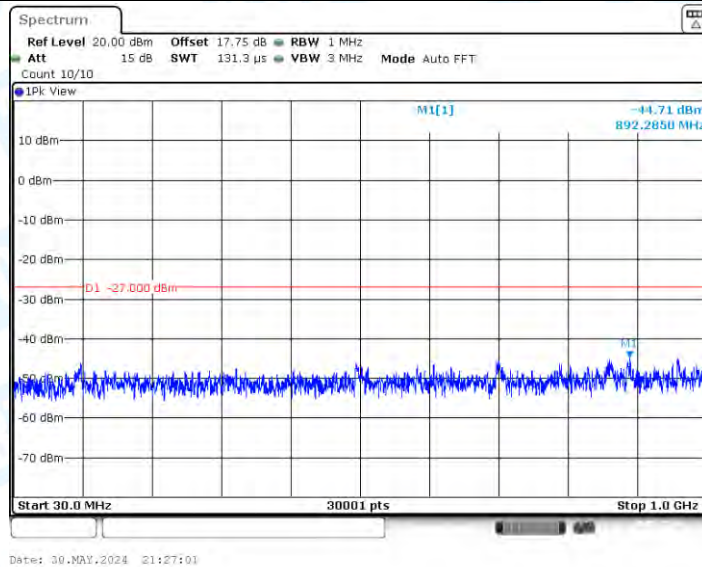
11AC20SISO_Ant1_5240_30~1000



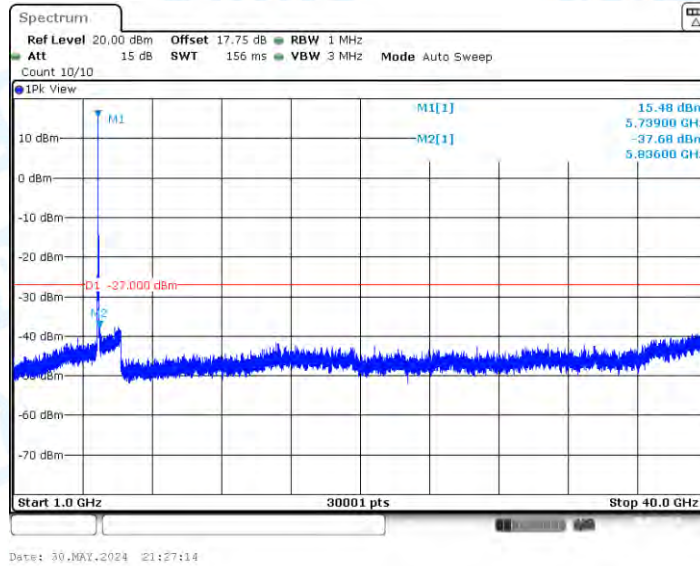
11AC20SISO_Ant1_5240_1000~40000



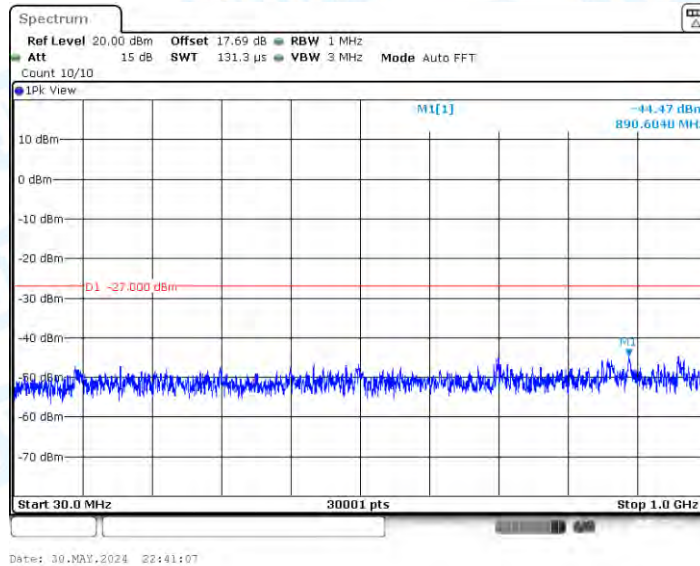
11AC20SISO_Ant1_5745_30~1000



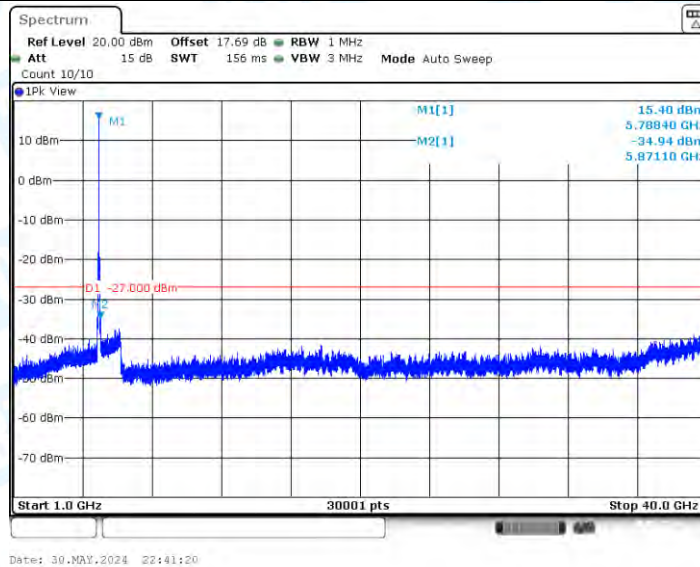
11AC20SISO_Ant1_5745_1000~40000



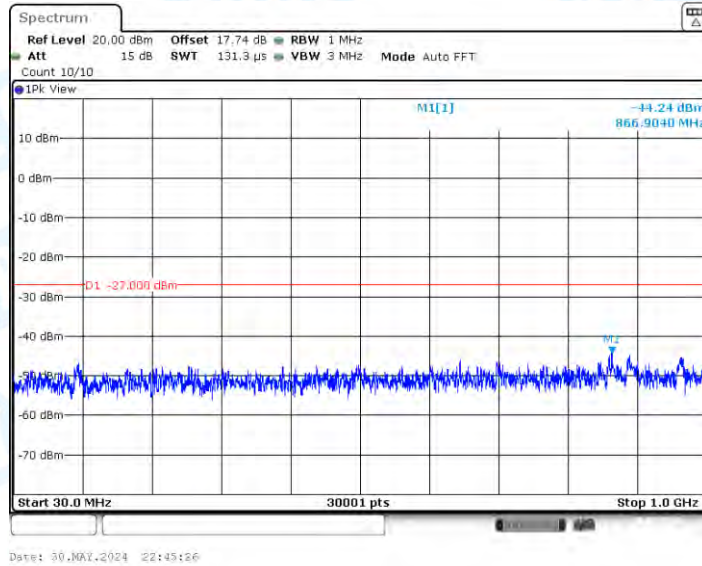
11AC20SISO_Ant1_5785_30~1000



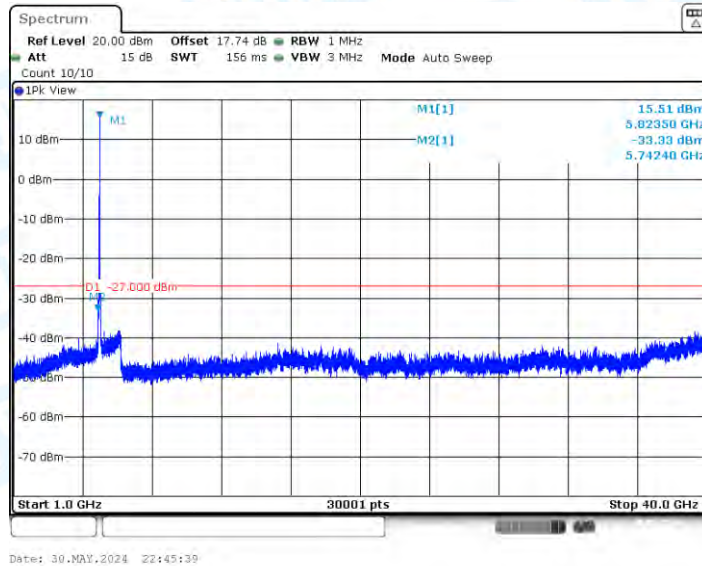
11AC20SISO_Ant1_5785_1000~40000



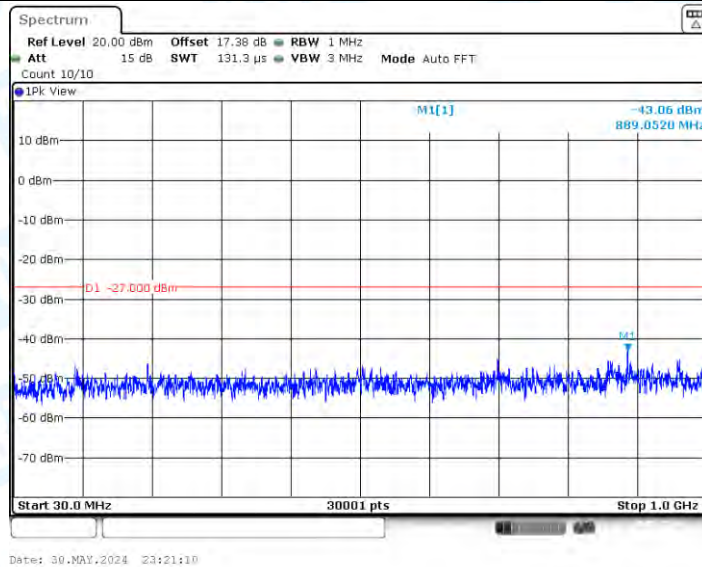
11AC20SISO_Ant1_5825_30~1000



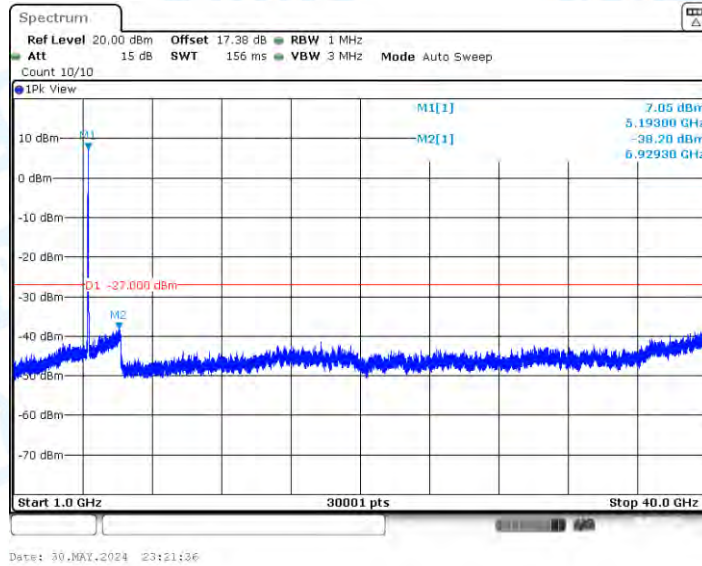
11AC20SISO_Ant1_5825_1000~40000



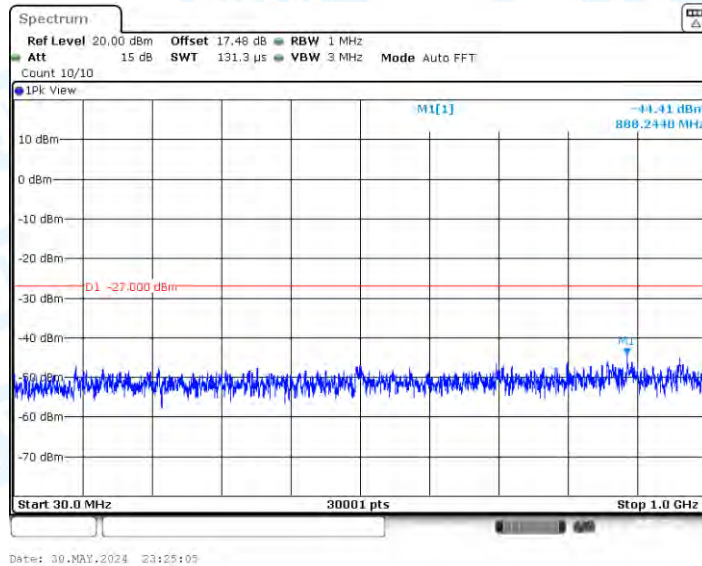
11AC40SISO_Ant1_5190_30~1000



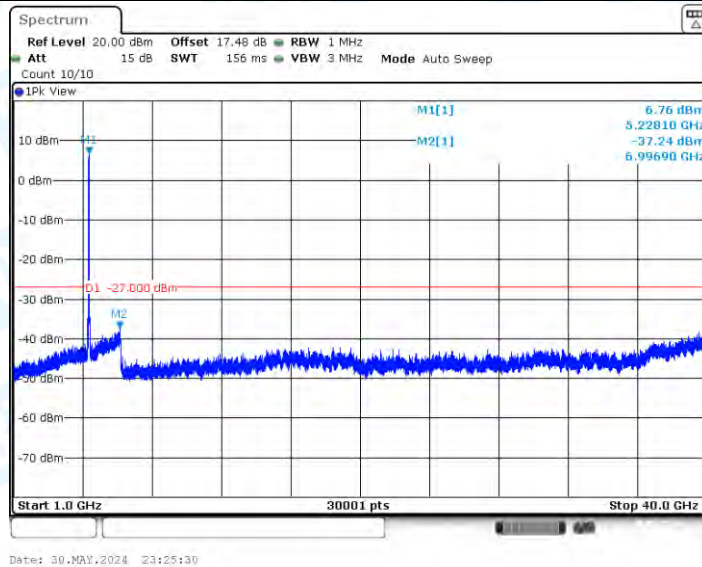
11AC40SISO_Ant1_5190_1000~40000



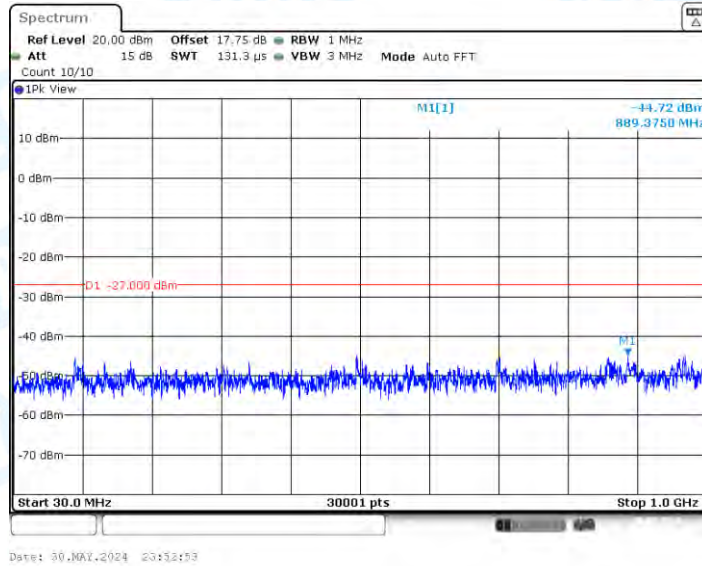
11AC40SISO_Ant1_5230_30~1000



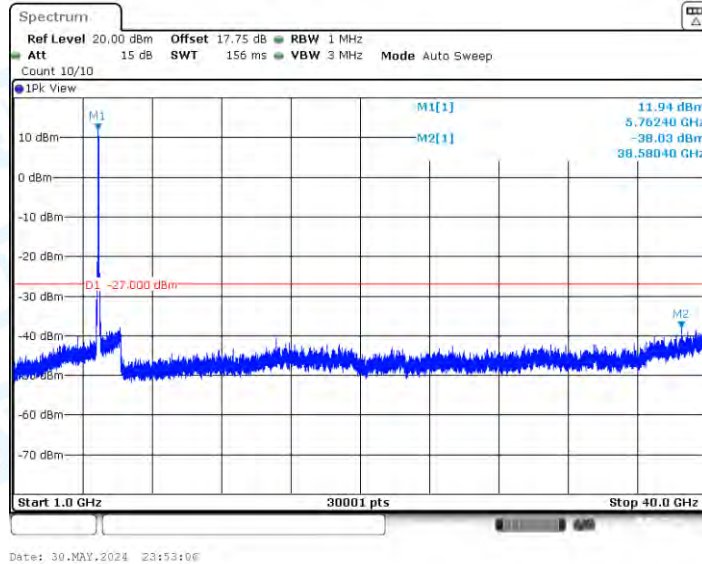
11AC40SISO_Ant1_5230_1000~40000



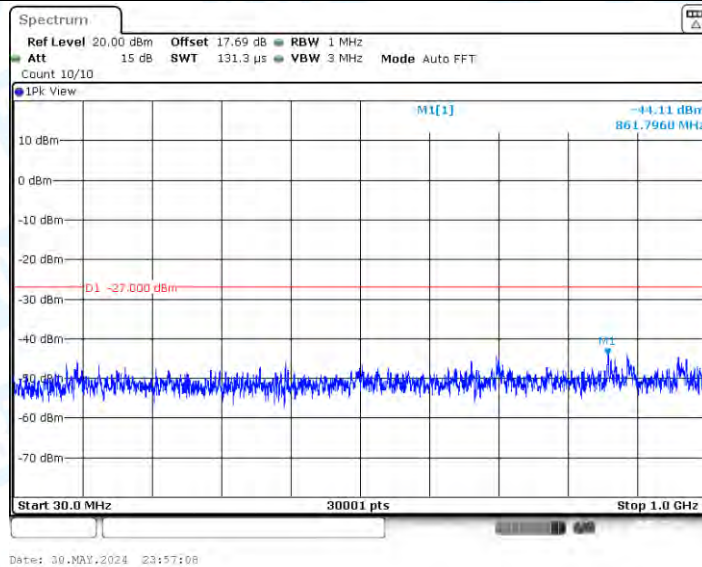
11AC40SISO_Ant1_5755_30~1000



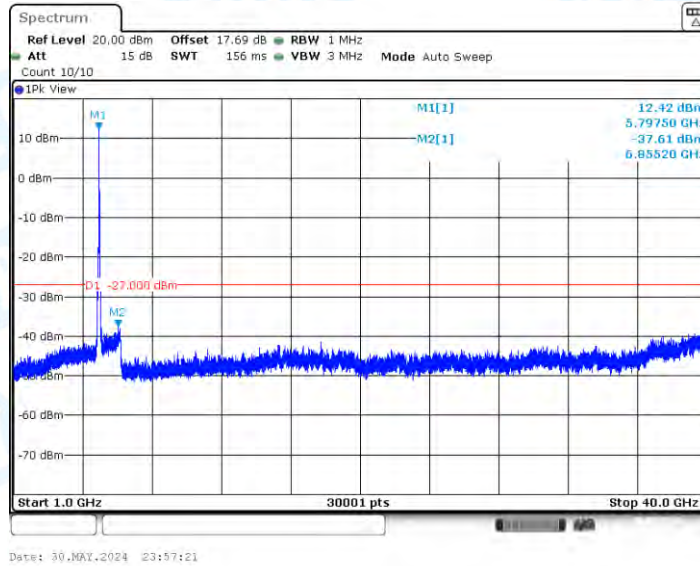
11AC40SISO_Ant1_5755_1000~40000



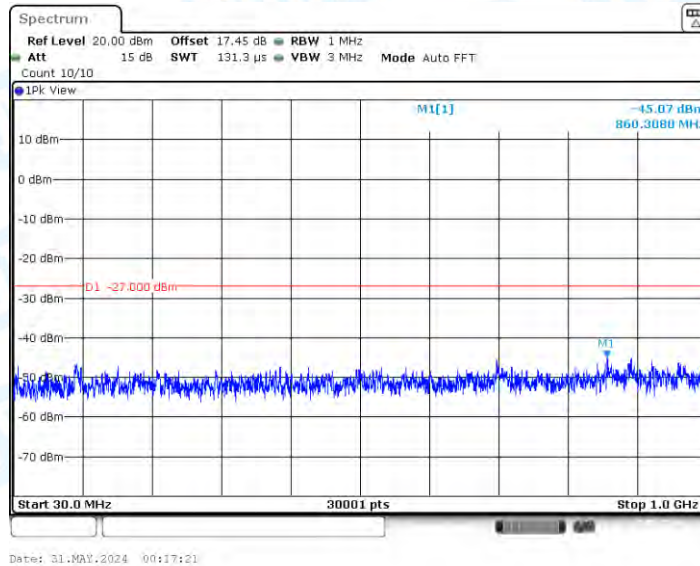
11AC40SISO_Ant1_5795_30~1000



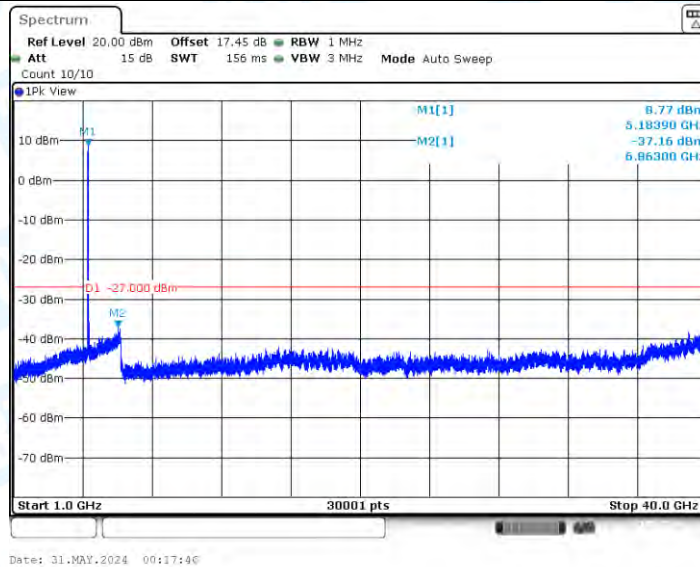
11AC40SISO_Ant1_5795_1000~40000



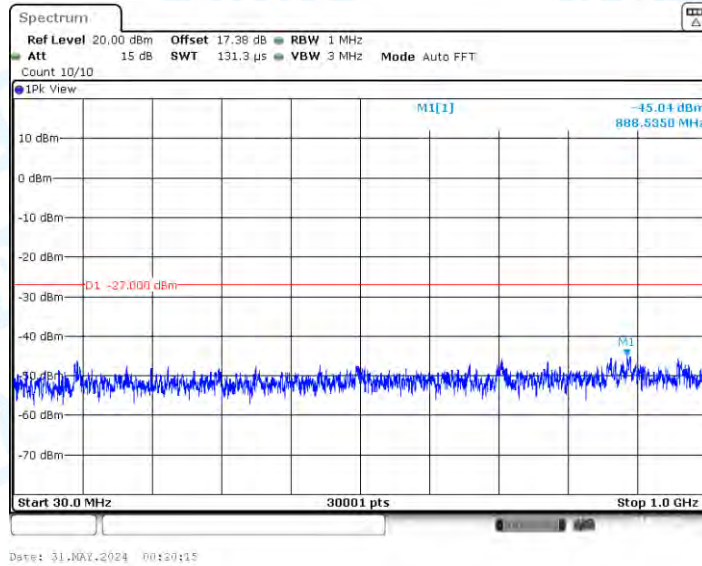
11AX20SISO_Ant1_5180_30~1000



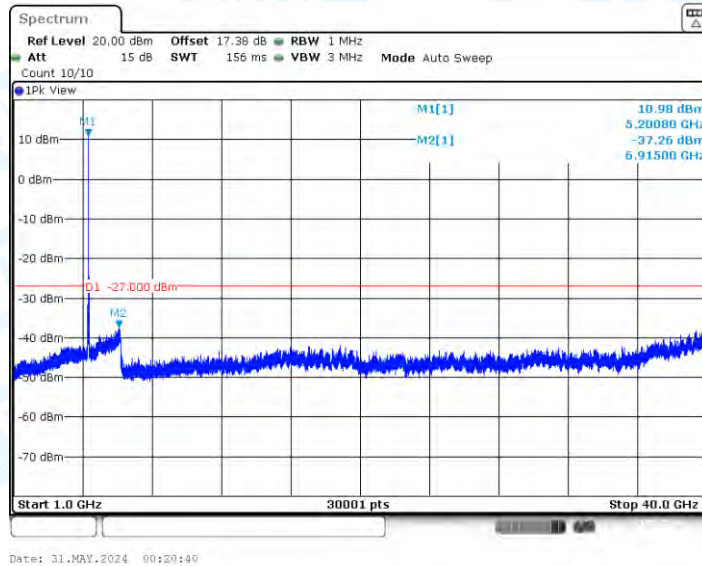
11AX20SISO_Ant1_5180_1000~40000



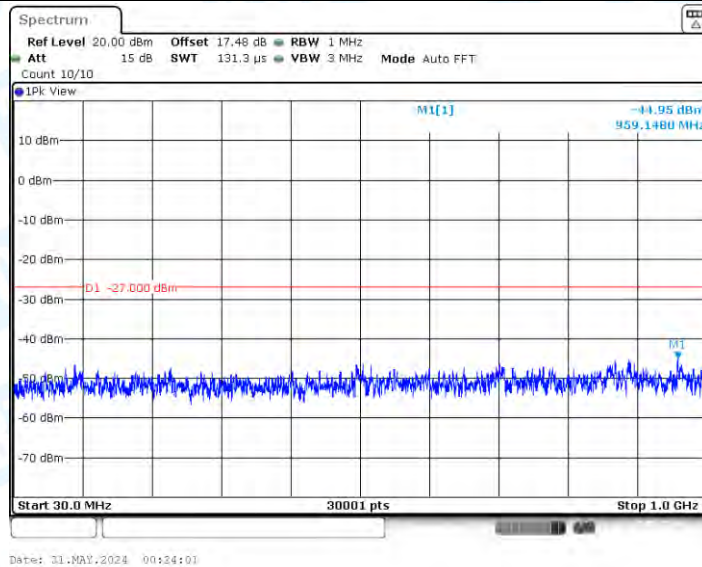
11AX20SISO_Ant1_5200_30~1000



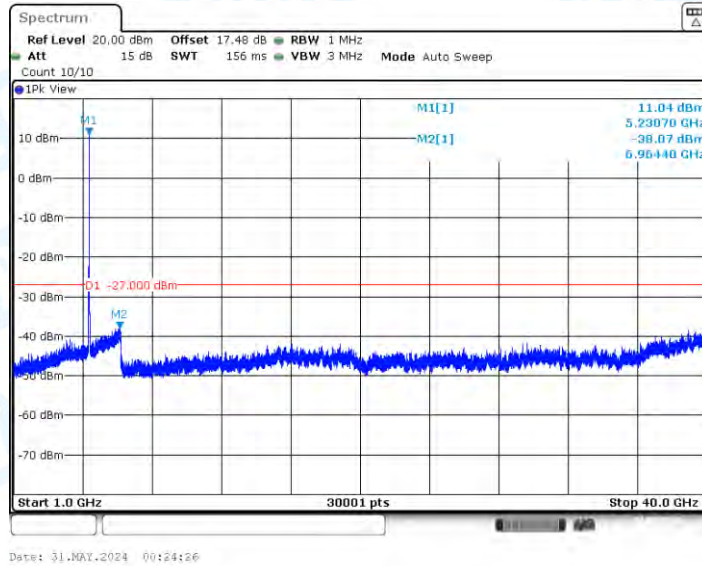
11AX20SISO_Ant1_5200_1000~40000



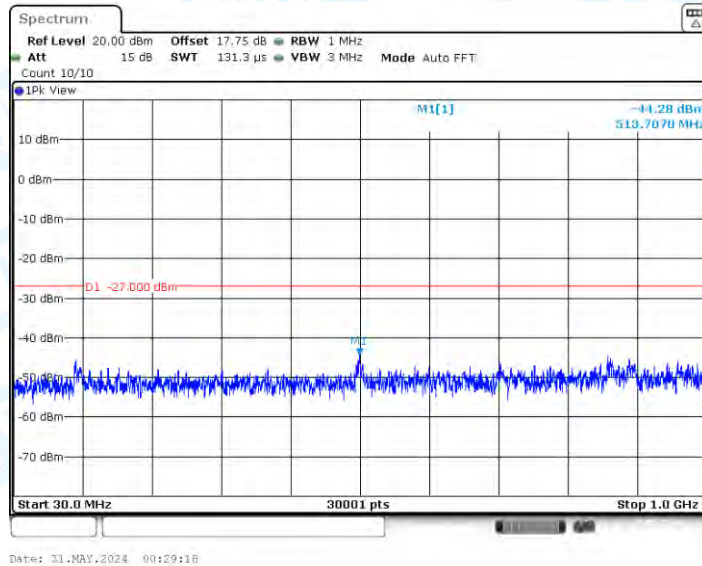
11AX20SISO_Ant1_5240_30~1000



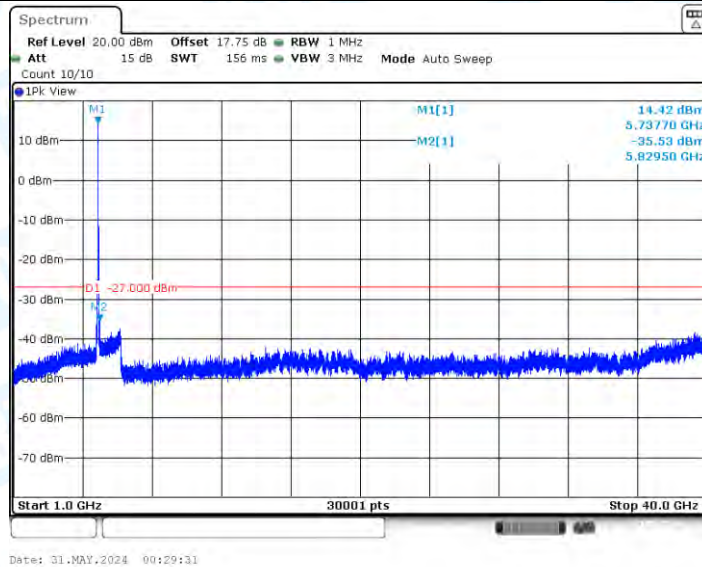
11AX20SISO_Ant1_5240_1000~40000



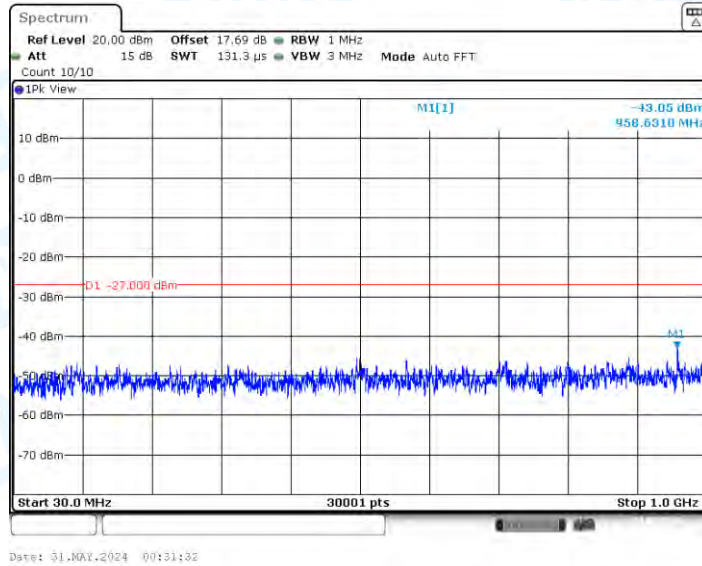
11AX20SISO_Ant1_5745_30~1000



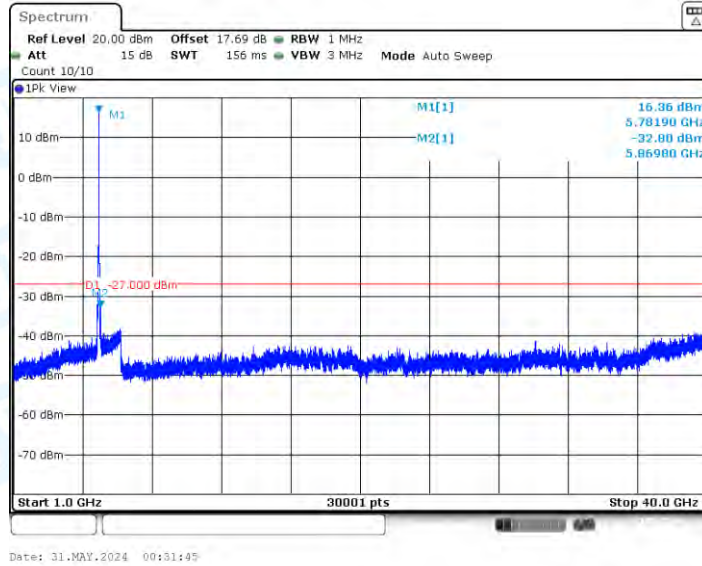
11AX20SISO_Ant1_5745_1000~40000



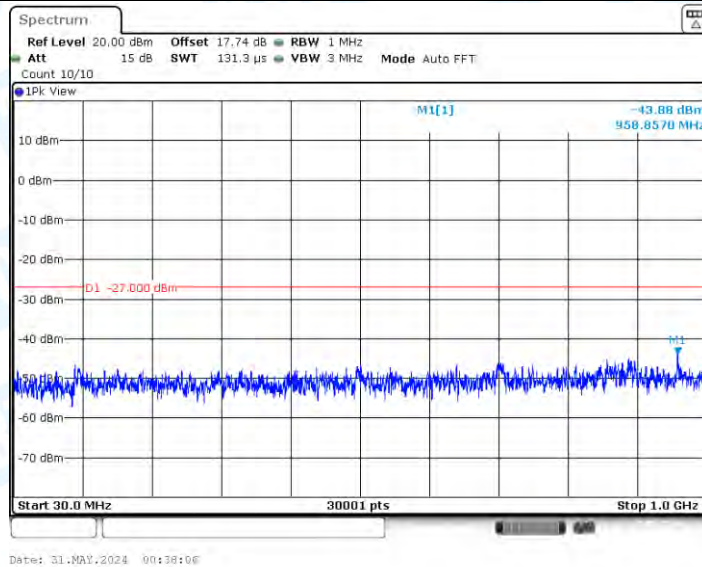
11AX20SISO_Ant1_5785_30~1000



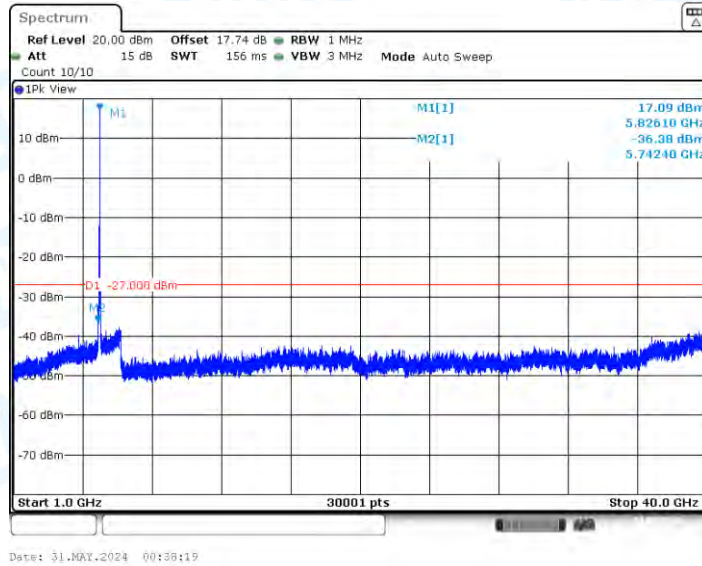
11AX20SISO_Ant1_5785_1000~40000



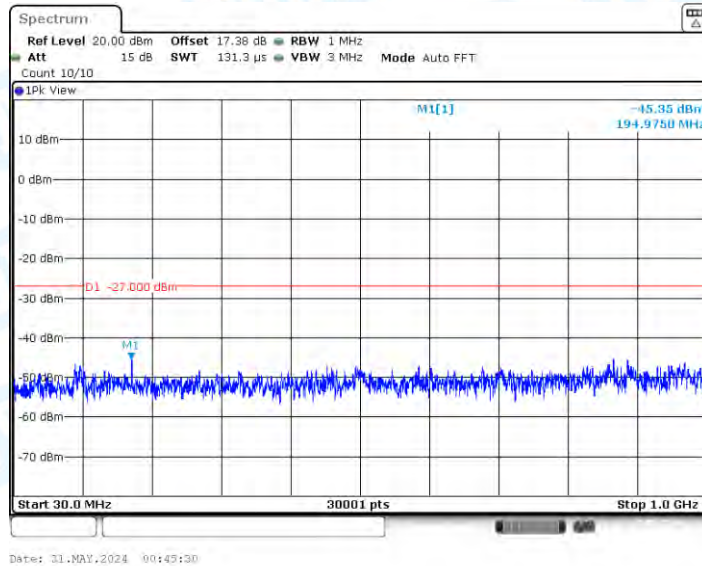
11AX20SISO_Ant1_5825_30~1000



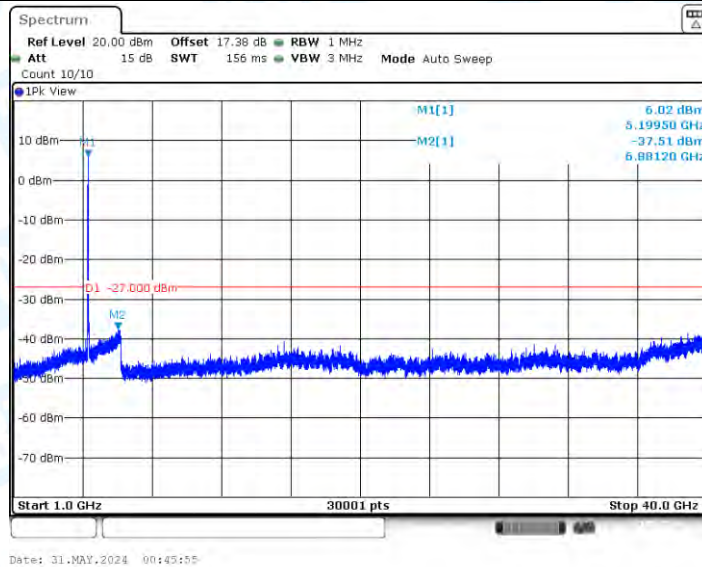
11AX20SISO_Ant1_5825_1000~40000



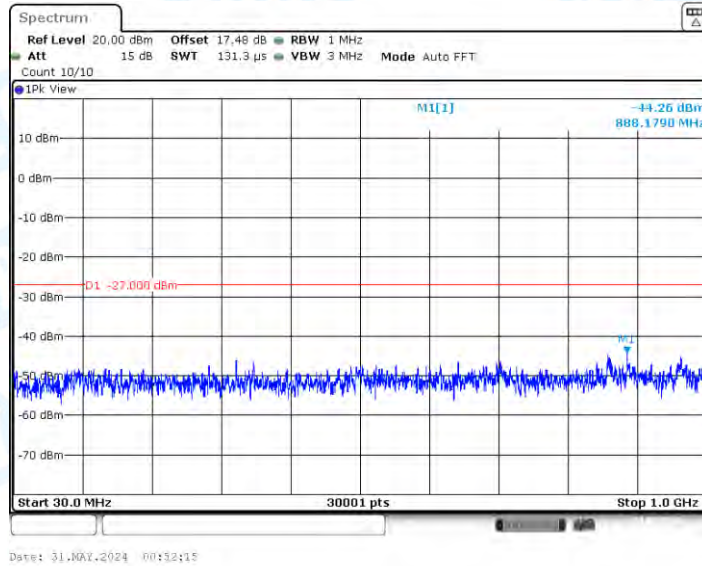
11AX40SISO_Ant1_5190_30~1000



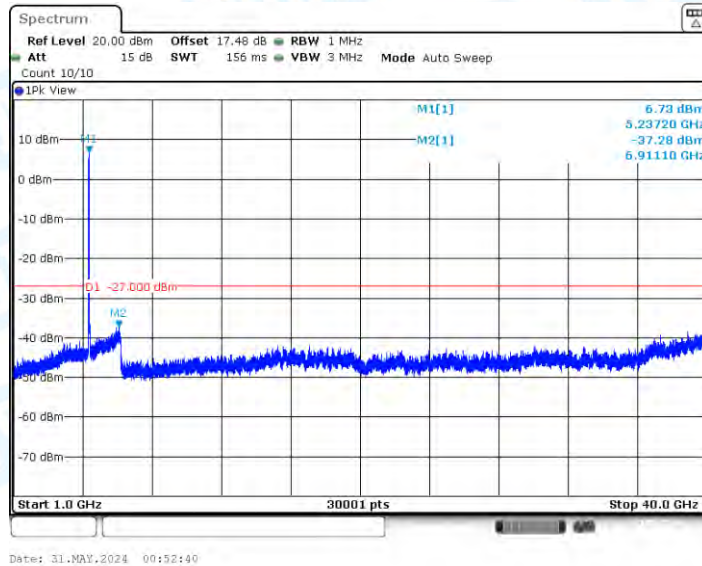
11AX40SISO_Ant1_5190_1000~40000



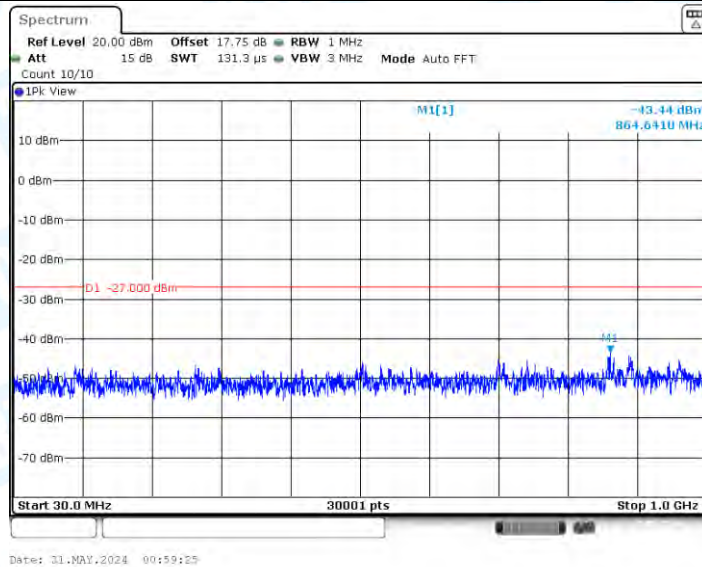
11AX40SISO_Ant1_5230_30~1000



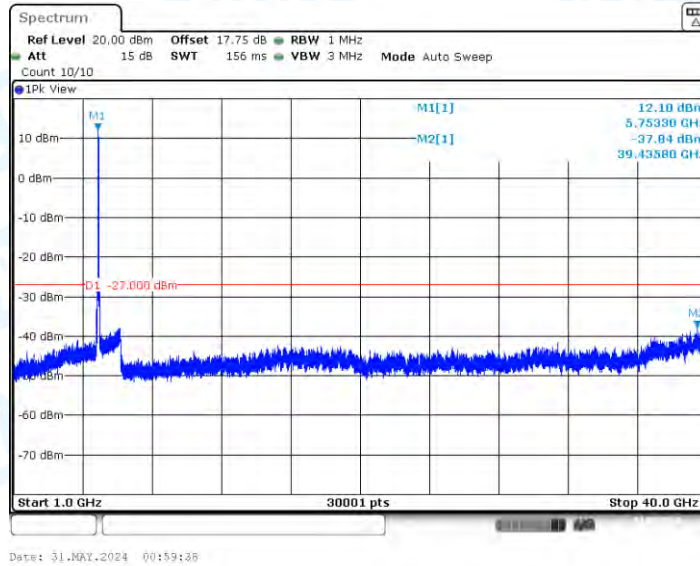
11AX40SISO_Ant1_5230_1000~40000



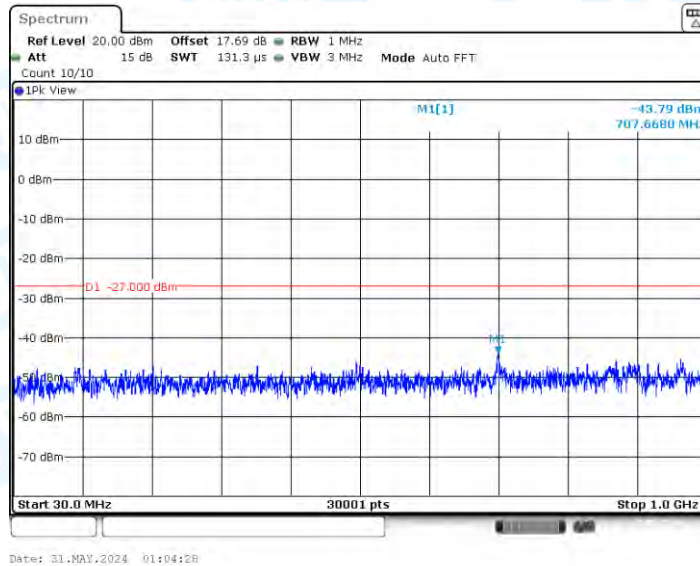
11AX40SISO_Ant1_5755_30~1000



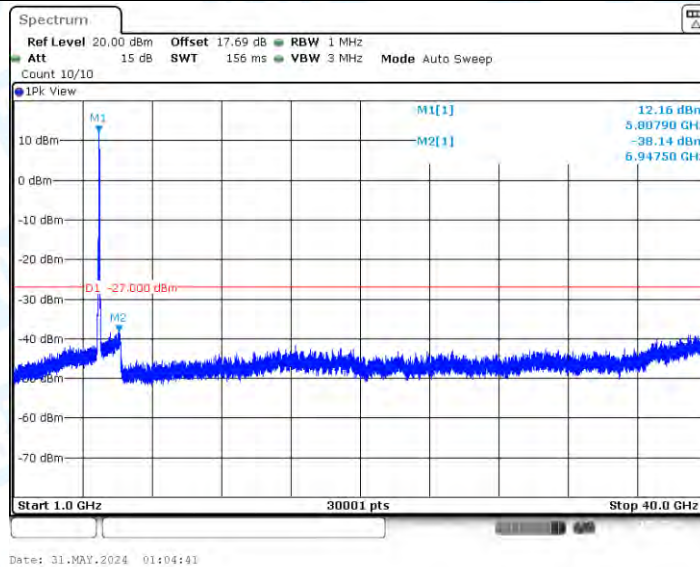
11AX40SISO_Ant1_5755_1000~40000



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
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	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	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
		5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.481288	20	PASS
		5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
11N40SISO	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	-40000.00	-7.648184	20	PASS
			LV	NT	0.00	0.000000	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	0.00	0.000000	20	PASS
		5795	NV	NT	-40000.00	-6.902502	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	45	-20000.00	-3.861004	20	PASS
		5200	NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	45	-20000.00	-3.846154	20	PASS
		5240	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	45	-20000.00	-3.816794	20	PASS
		5745	NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-20000.00	-3.481288	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	-20000.00	-3.457217	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	-60000.00	-10.371651	20	PASS
		5825	NV	0	-20000.00	-3.433476	20	PASS
			NV	10	-20000.00	-3.433476	20	PASS
			NV	20	-40000.00	-6.866953	20	PASS
			NV	30	-20000.00	-3.433476	20	PASS
			NV	45	-20000.00	-3.433476	20	PASS
11N40SISO	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	-40000.00	-7.707129	20	PASS
			NV	45	-40000.00	-7.707129	20	PASS
		5230	NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	0.00	0.000000	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	-40000.00	-6.950478	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	0.00	0.000000	20	PASS
			NV	10	-40000.00	-6.902502	20	PASS
			NV	20	-40000.00	-6.902502	20	PASS
			NV	30	-40000.00	-6.902502	20	PASS
			NV	45	-40000.00	-6.902502	20	PASS

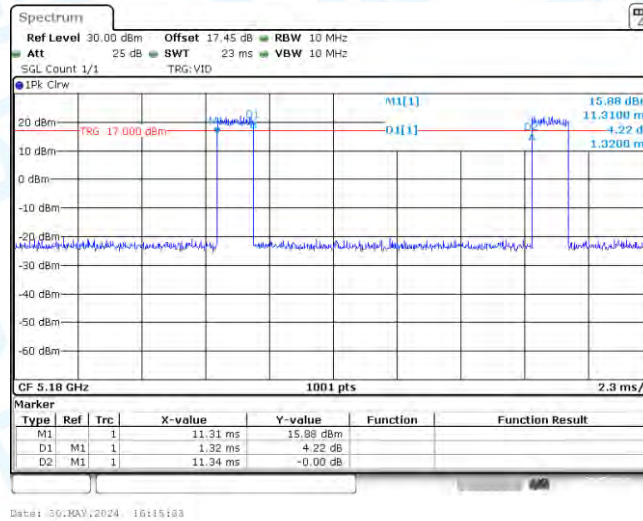
10. Duty Cycle

10.1. Test Result

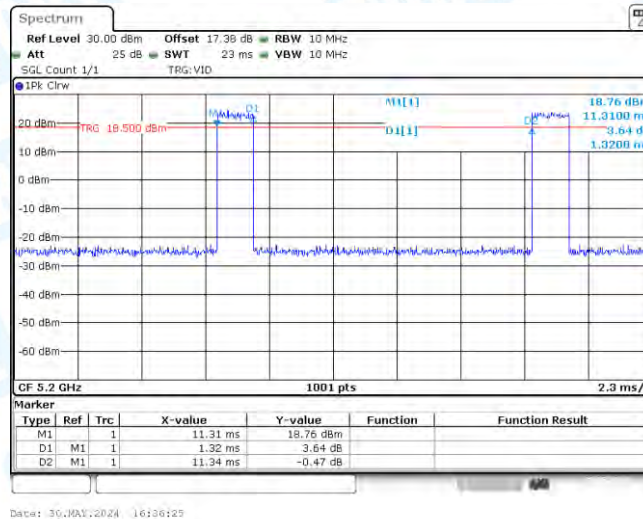
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.32	11.34	11.64	---	---
		5200	1.32	11.34	11.64	---	---
		5240	1.32	11.34	11.64	---	---
		5745	1.32	11.34	11.64	---	---
		5785	1.32	11.34	11.64	---	---
		5825	1.32	11.34	11.64	---	---
11N20SISO	Ant1	5180	5.09	15.12	33.66	---	---
		5200	5.10	15.13	33.71	---	---
		5240	5.09	15.12	33.66	---	---
		5745	5.09	15.12	33.66	---	---
		5785	5.09	15.12	33.66	---	---
		5825	5.09	15.12	33.66	---	---
11N40SISO	Ant1	5190	4.90	14.93	32.82	---	---
		5230	4.90	14.93	32.82	---	---
		5755	4.90	14.93	32.82	---	---
		5795	4.90	14.93	32.82	---	---
11AC20SISO	Ant1	5180	5.09	15.12	33.66	---	---
		5200	5.09	15.15	33.60	---	---
		5240	5.08	15.11	33.62	---	---
		5745	5.09	15.12	33.66	---	---
		5785	5.10	15.13	33.71	---	---
		5825	5.12	15.15	33.80	---	---
11AC40SISO	Ant1	5190	2.49	12.52	19.89	---	---
		5230	2.49	12.52	19.89	---	---
		5755	2.49	12.52	19.89	---	---
		5795	2.49	12.52	19.89	---	---
11AX20SISO	Ant1	5180	3.87	13.89	27.86	---	---
		5200	3.86	13.89	27.79	---	---
		5240	3.89	13.91	27.97	---	---
		5745	3.89	13.92	27.95	---	---
		5785	3.86	13.89	27.79	---	---
		5825	3.86	13.89	27.79	---	---
11AX40SISO	Ant1	5190	3.89	13.92	27.95	---	---
		5230	3.88	13.91	27.89	---	---
		5755	3.89	13.91	27.97	---	---
		5795	3.86	13.88	27.81	---	---

10.2. Test Graphs

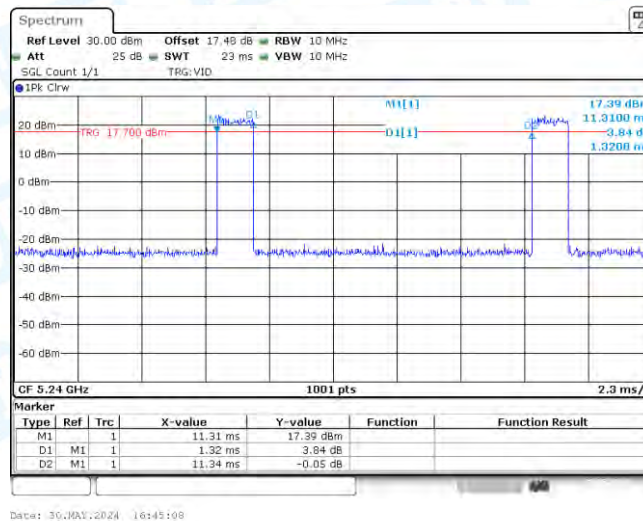
11A_Ant1_5180



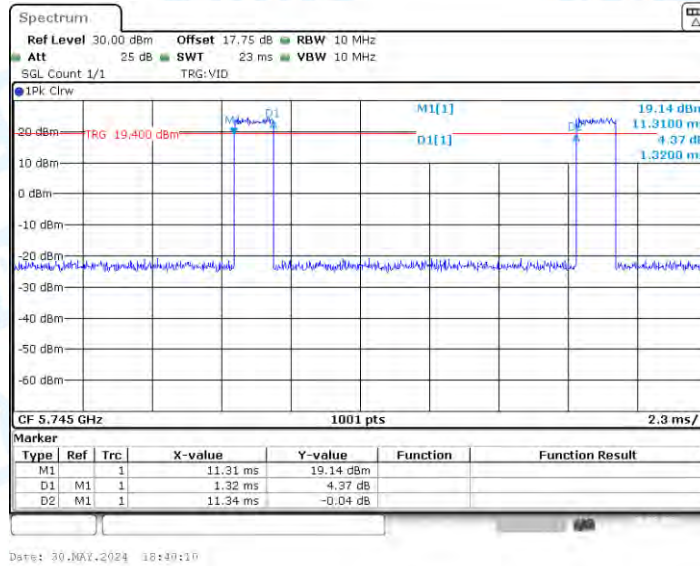
11A_Ant1_5200



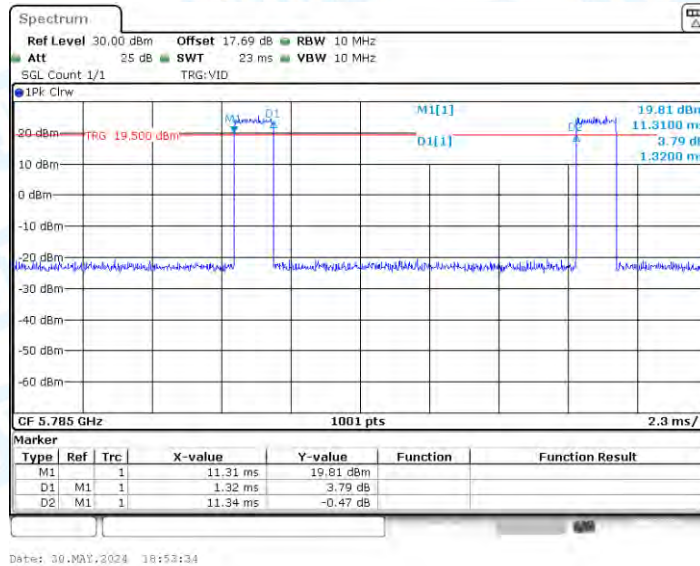
11A_Ant1_5240



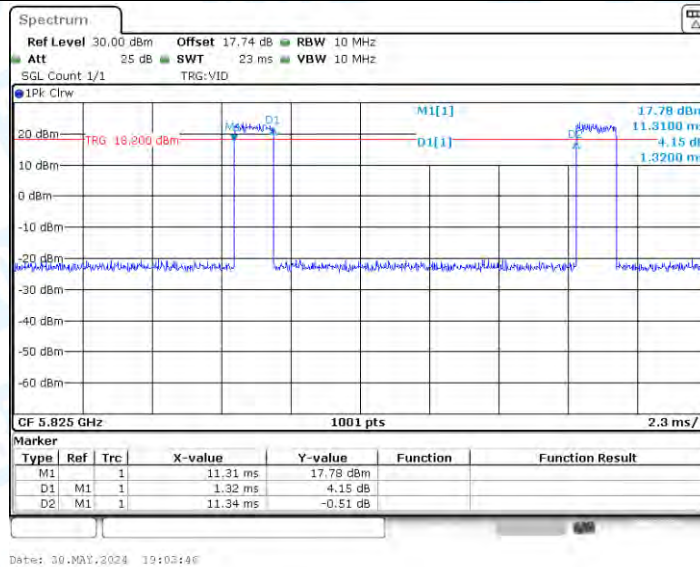
11A_Ant1_5745



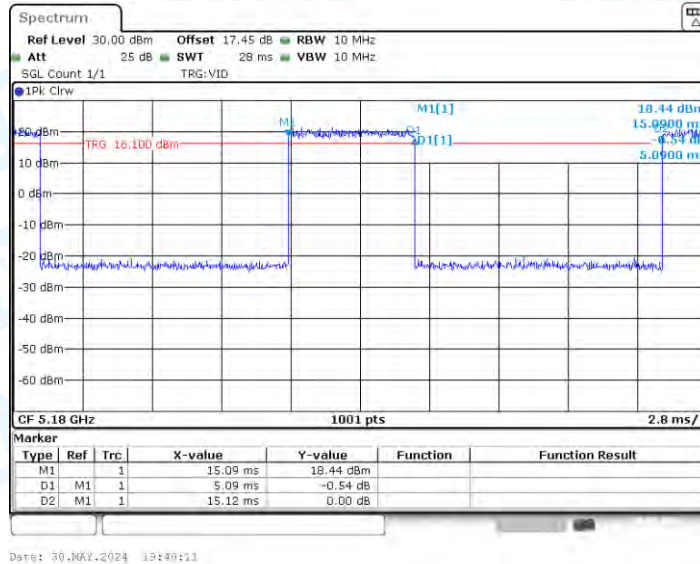
11A_Ant1_5785



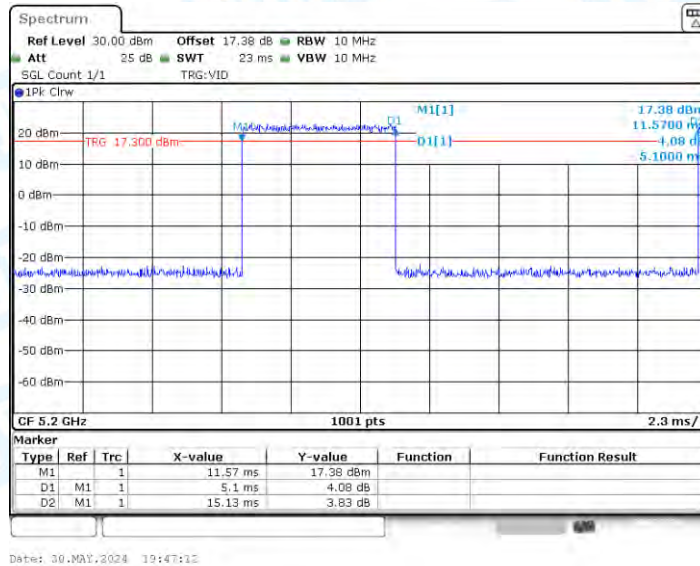
11A_Ant1_5825



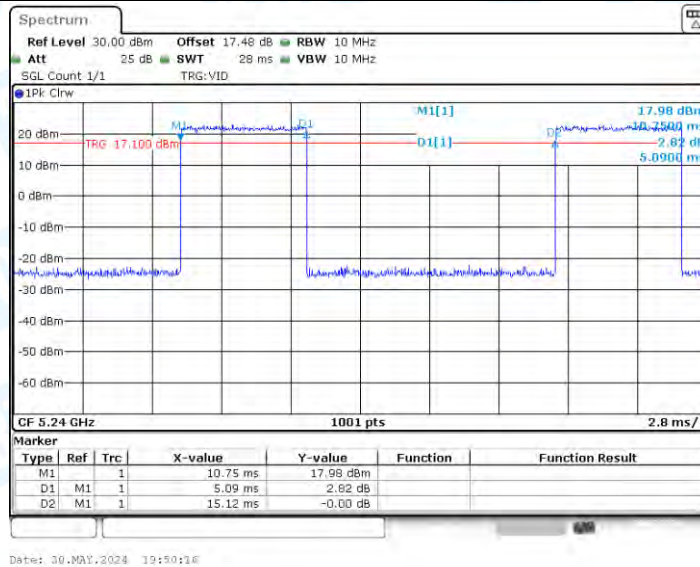
11N20SISO_Ant1_5180



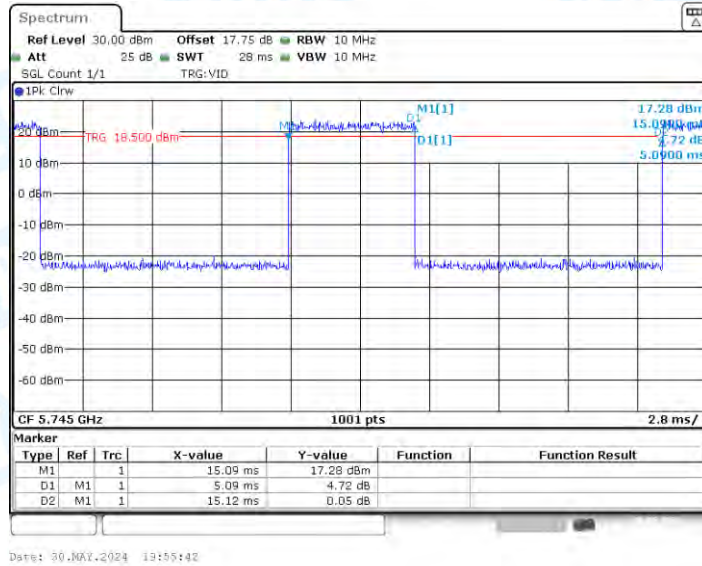
11N20SISO_Ant1_5200



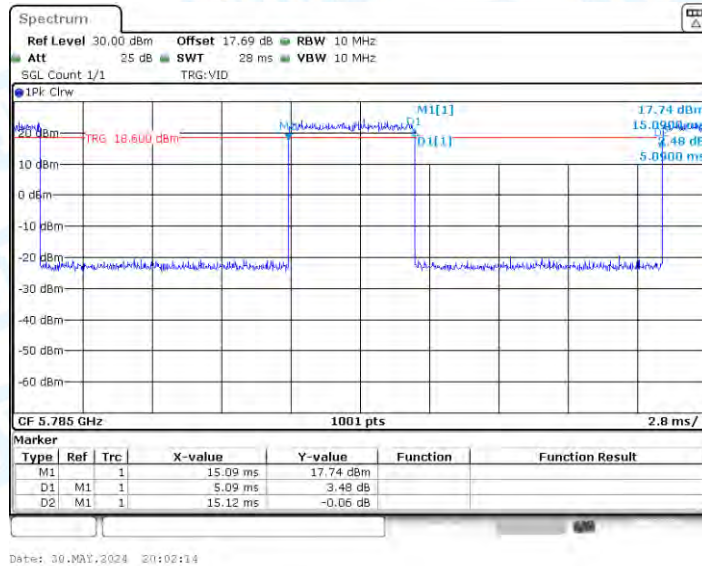
11N20SISO_Ant1_5240



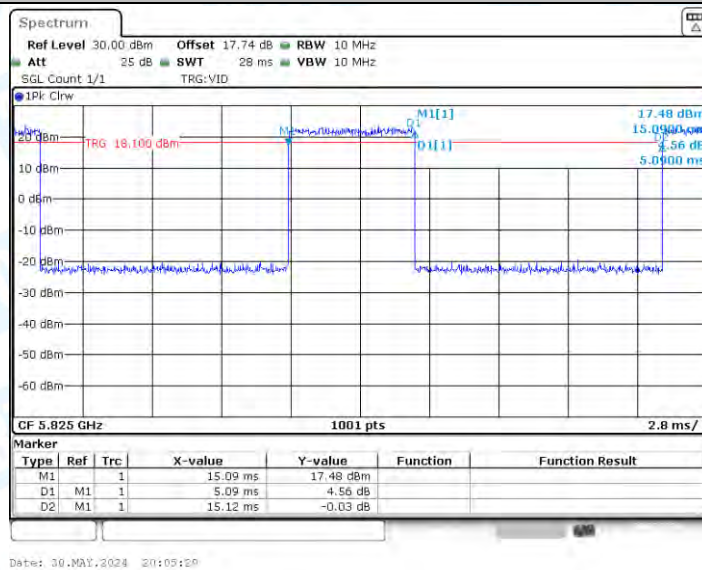
11N20SISO_Ant1_5745



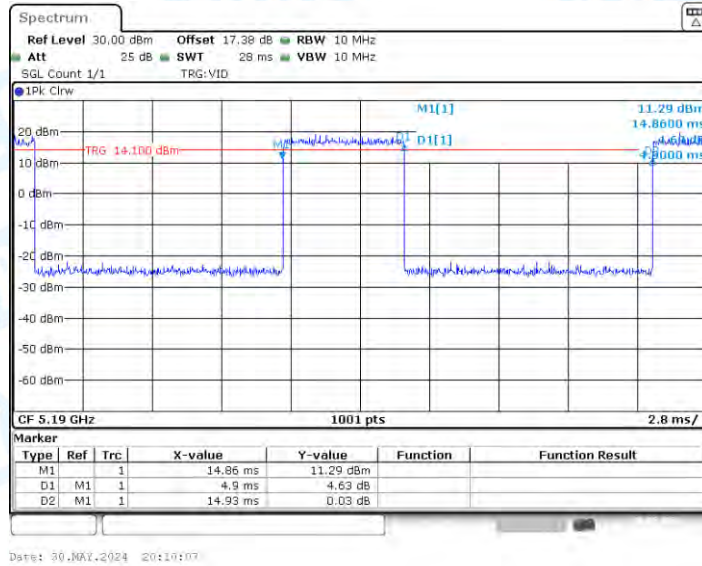
11N20SISO_Ant1_5785



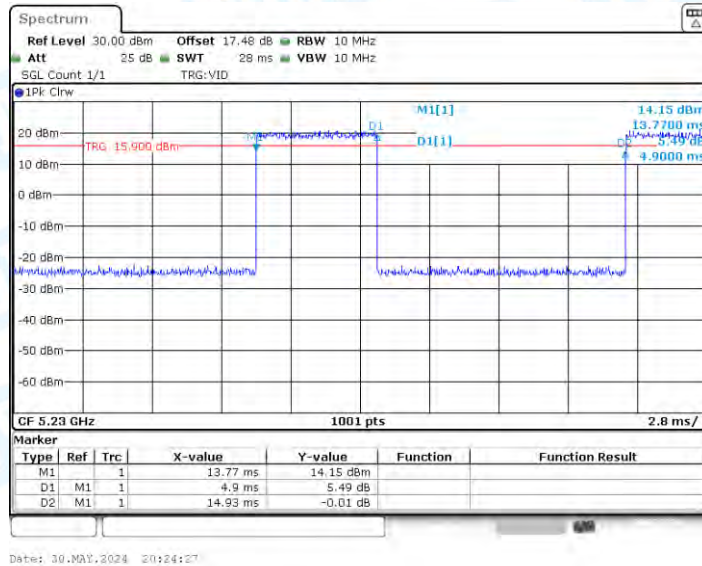
11N20SISO_Ant1_5825



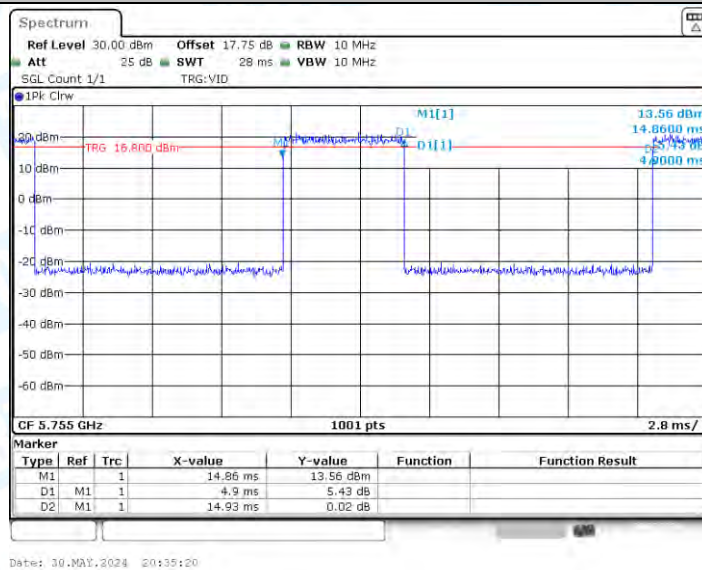
11N40SISO_Ant1_5190



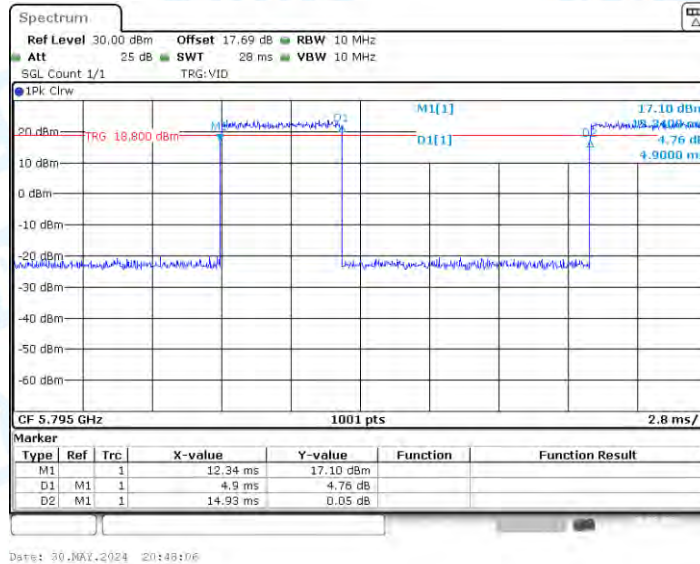
11N40SISO_Ant1_5230



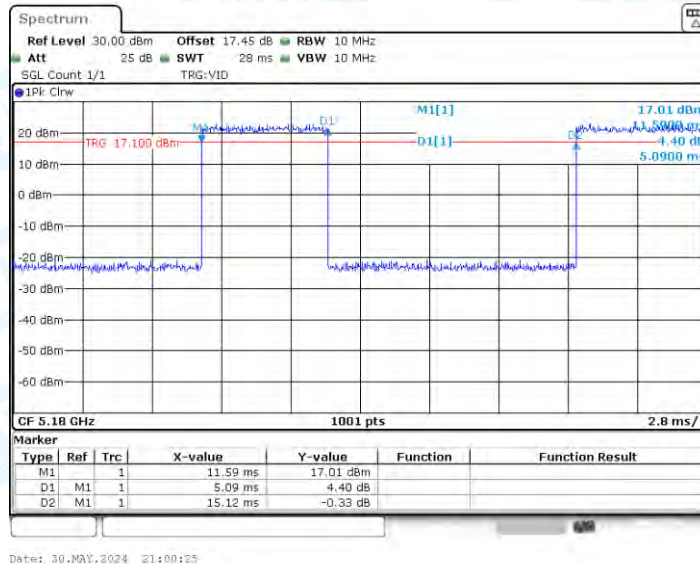
11N40SISO_Ant1_5755



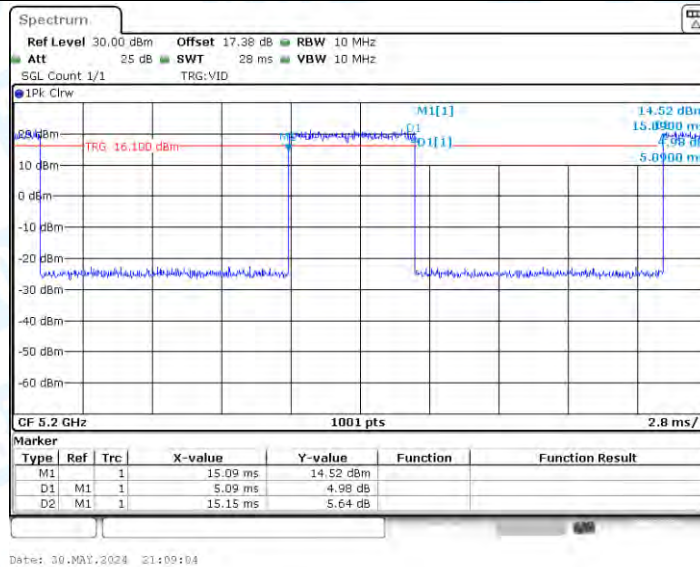
11N40SISO_Ant1_5795



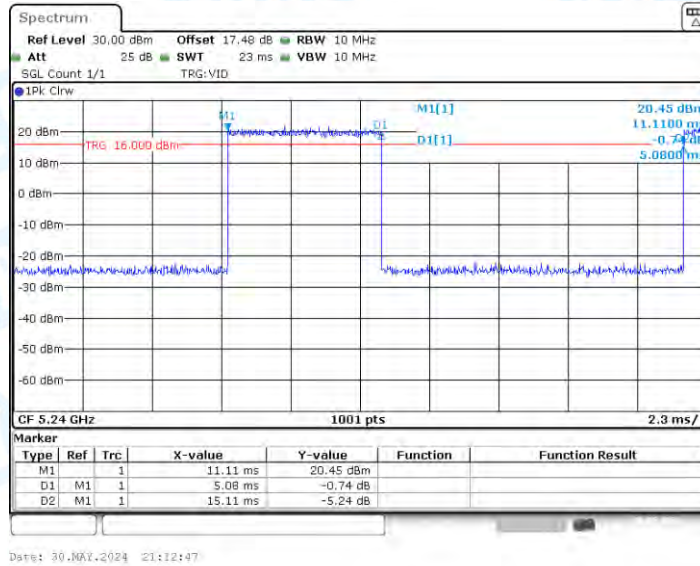
11AC20SISO_Ant1_5180



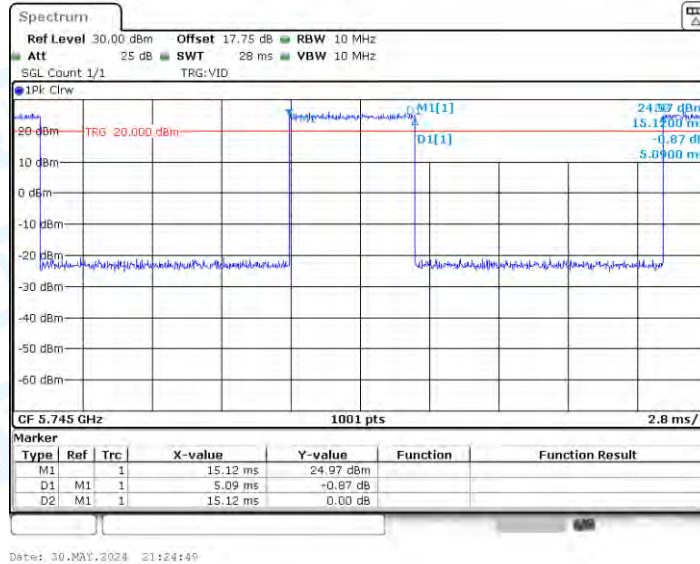
11AC20SISO_Ant1_5200



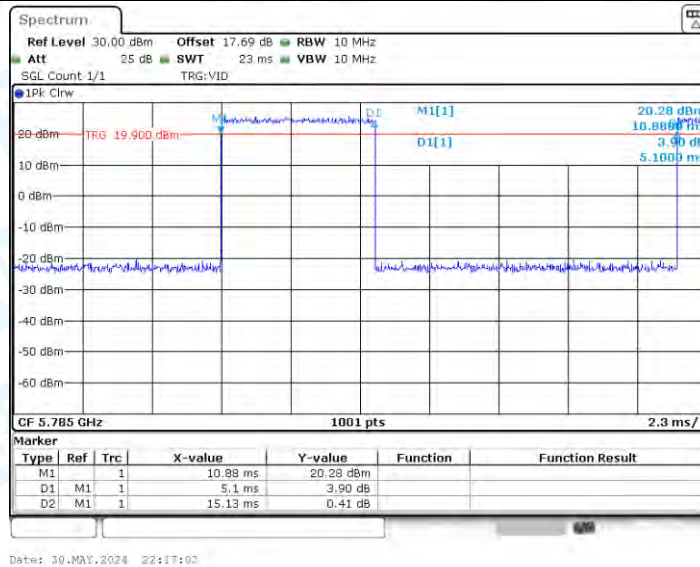
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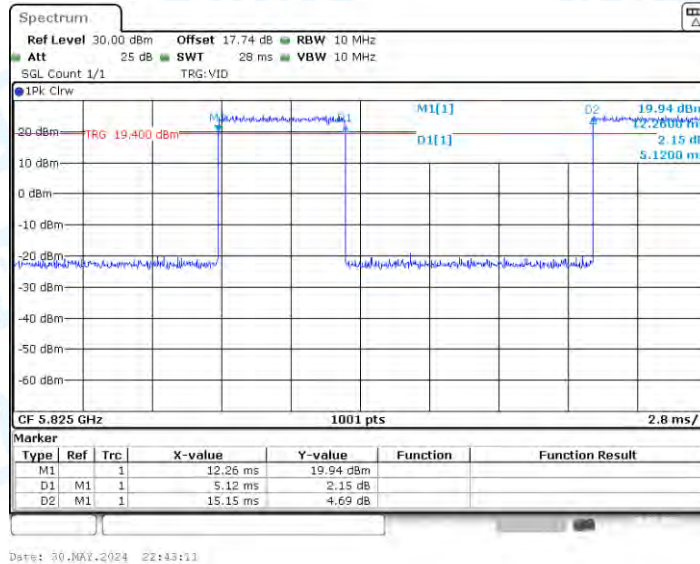
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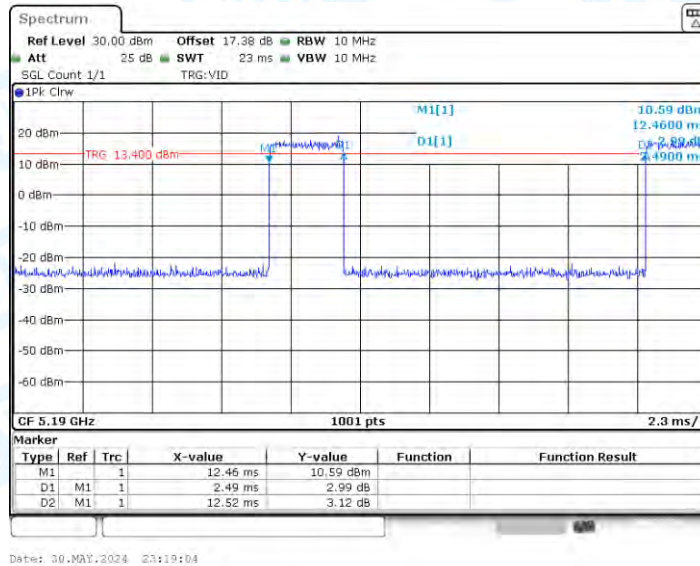
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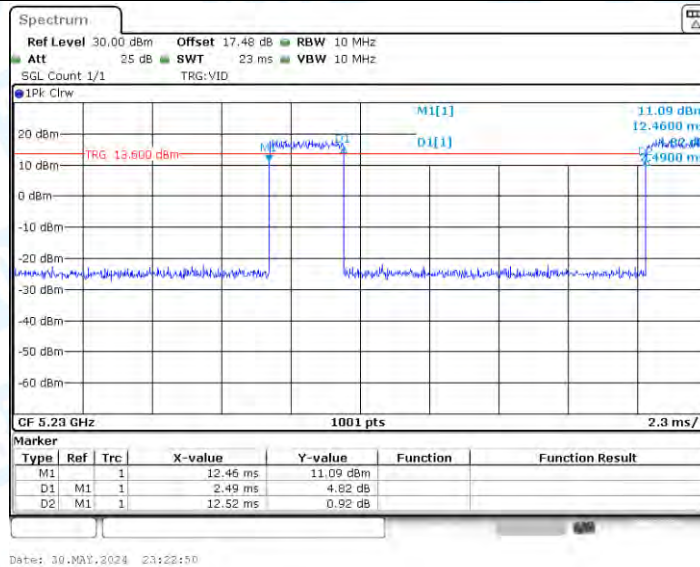
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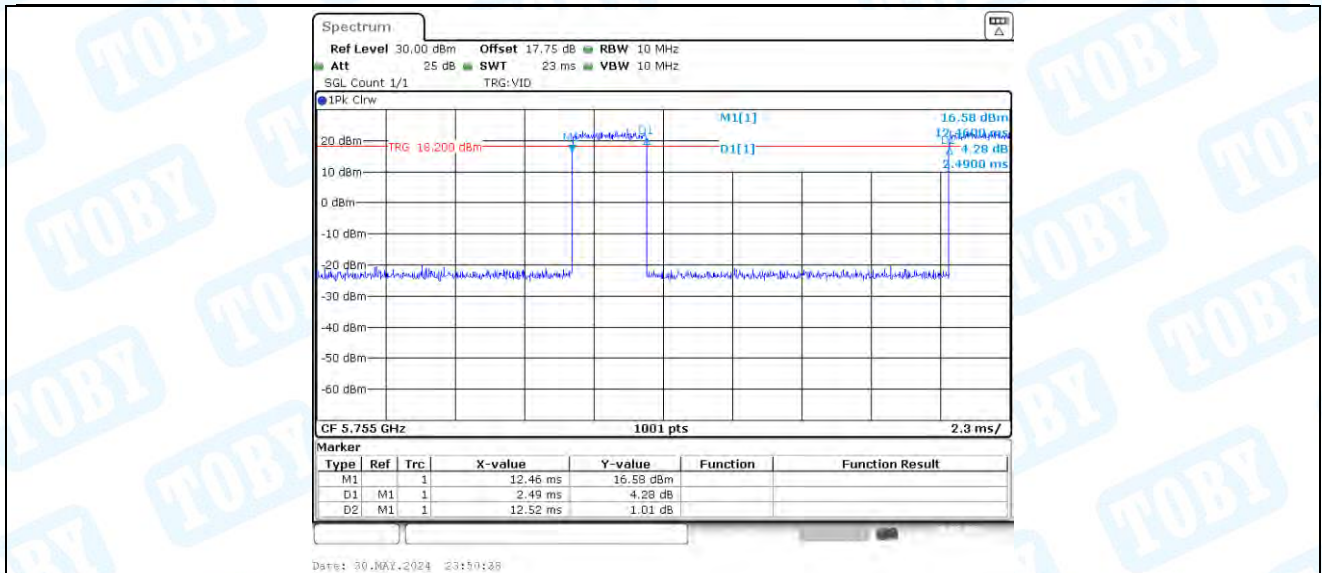
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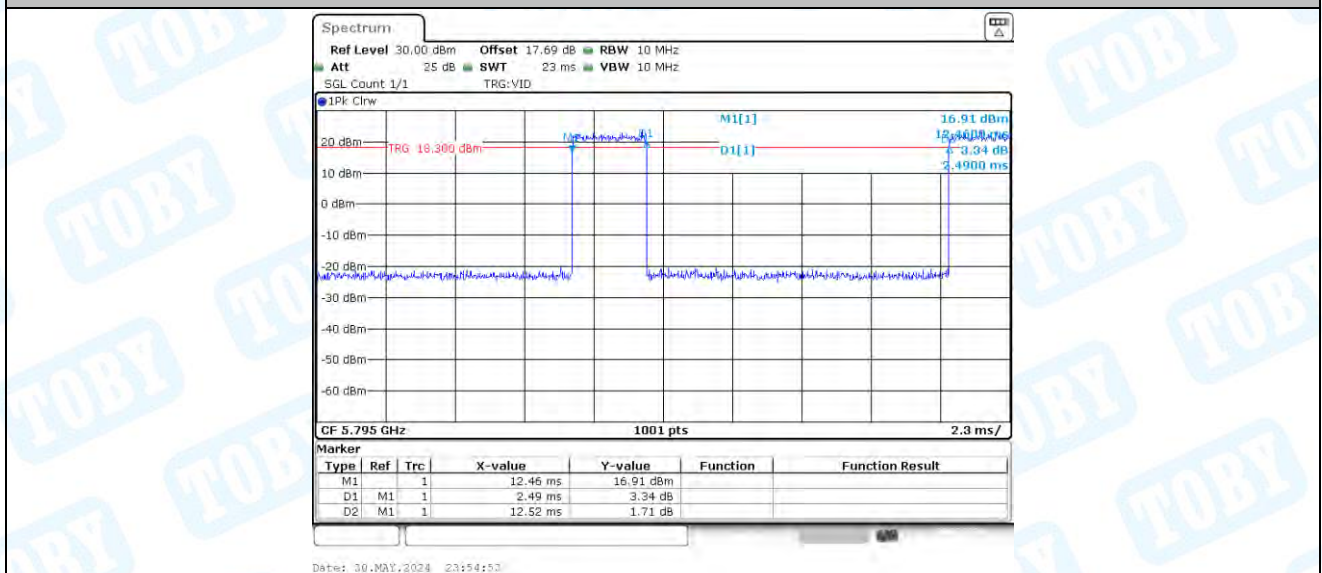
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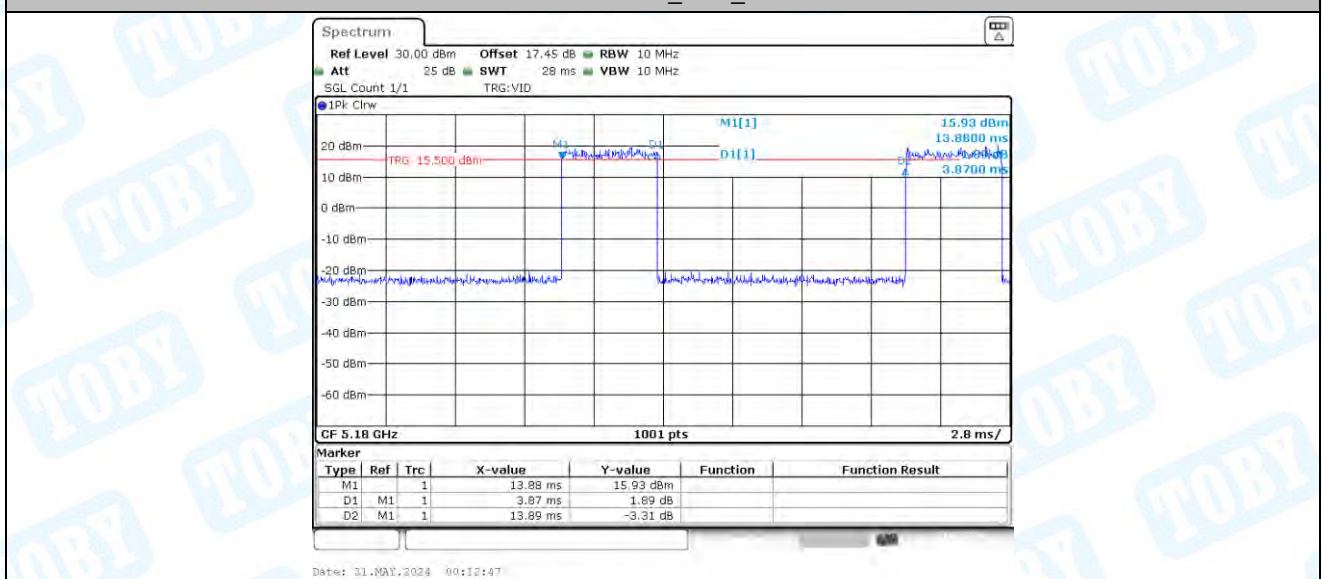
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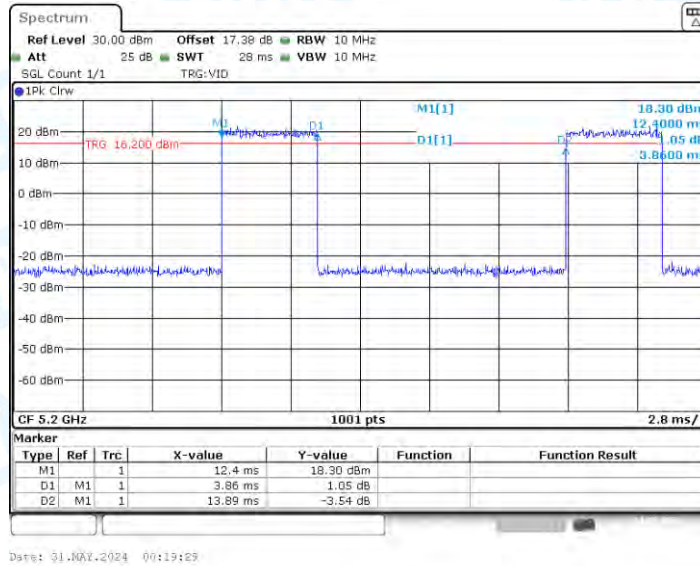
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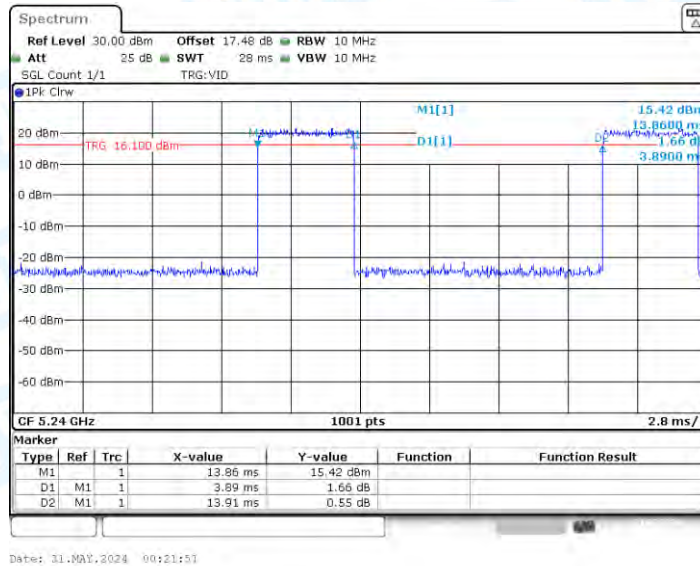
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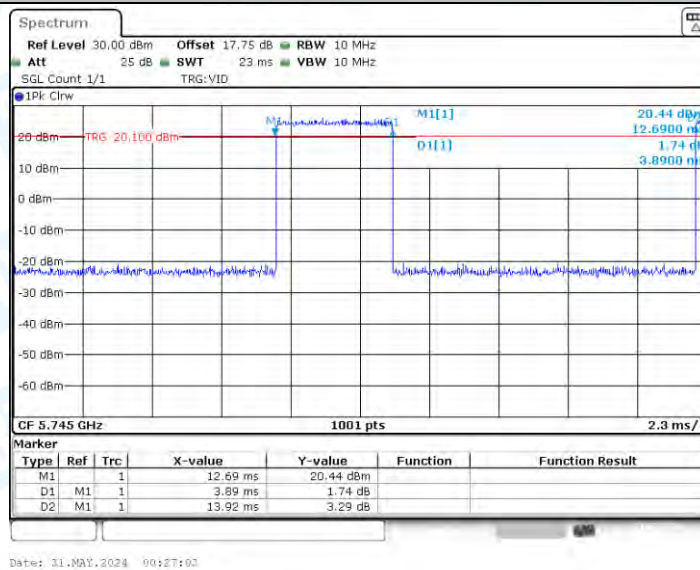
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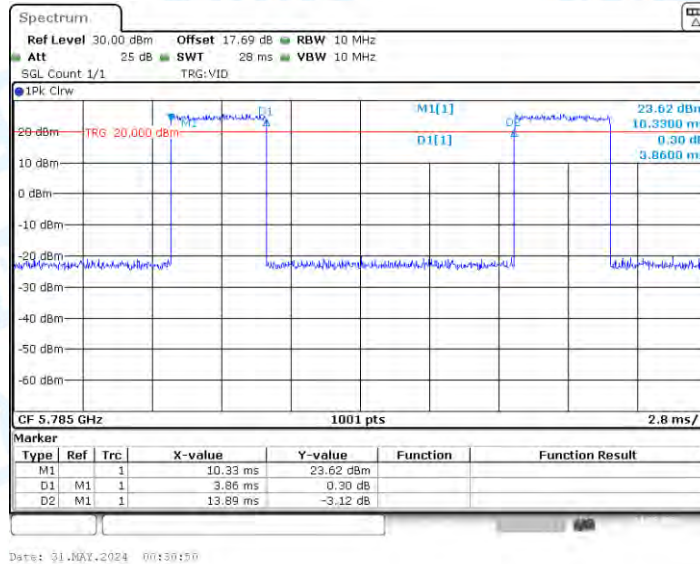
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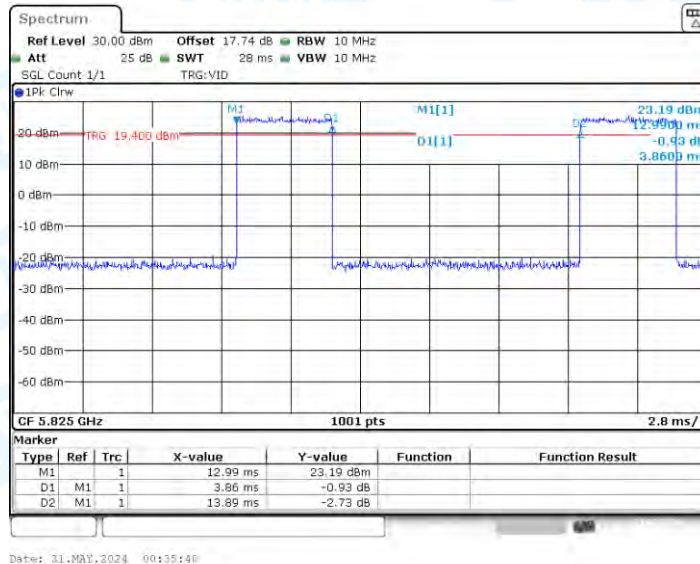
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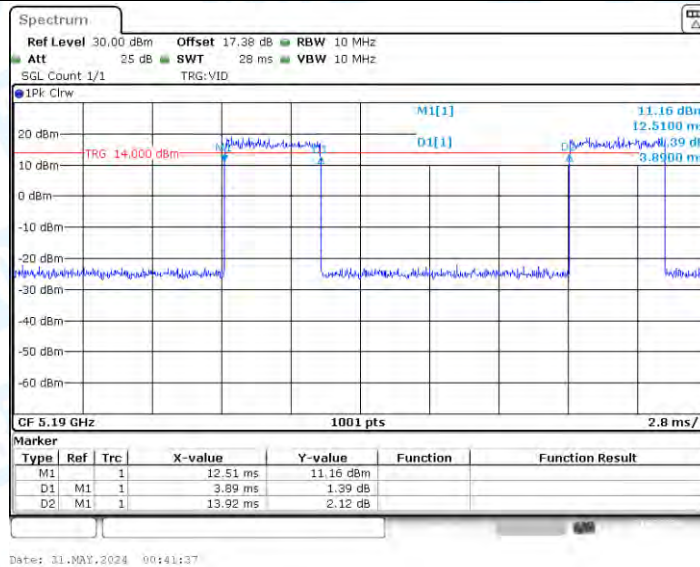
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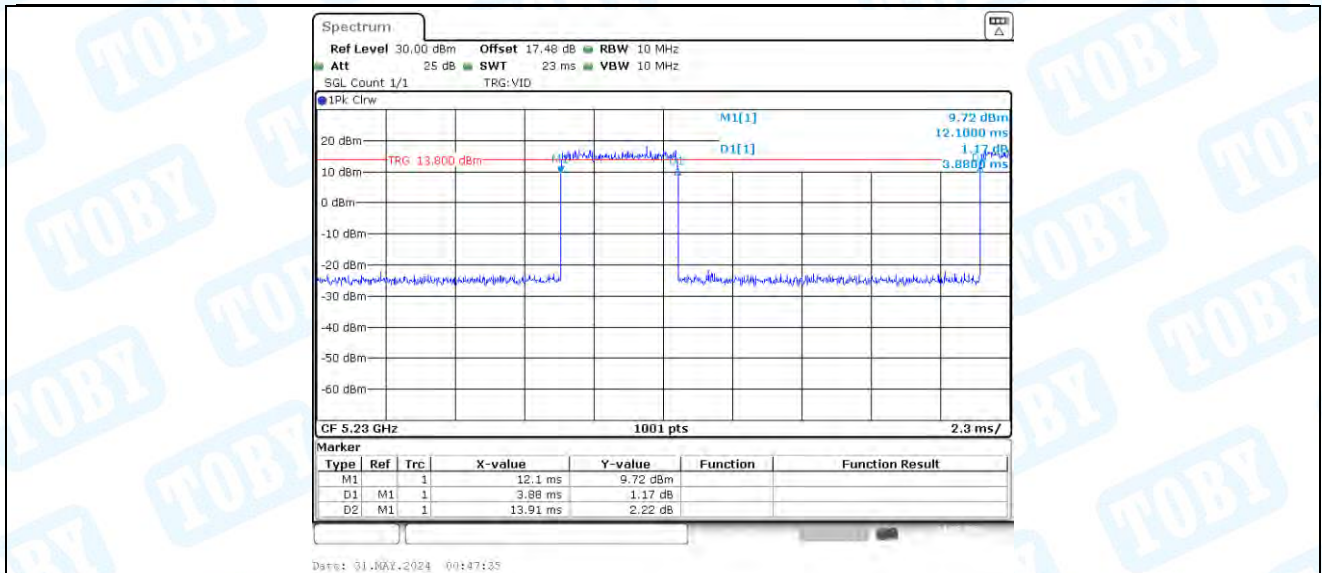
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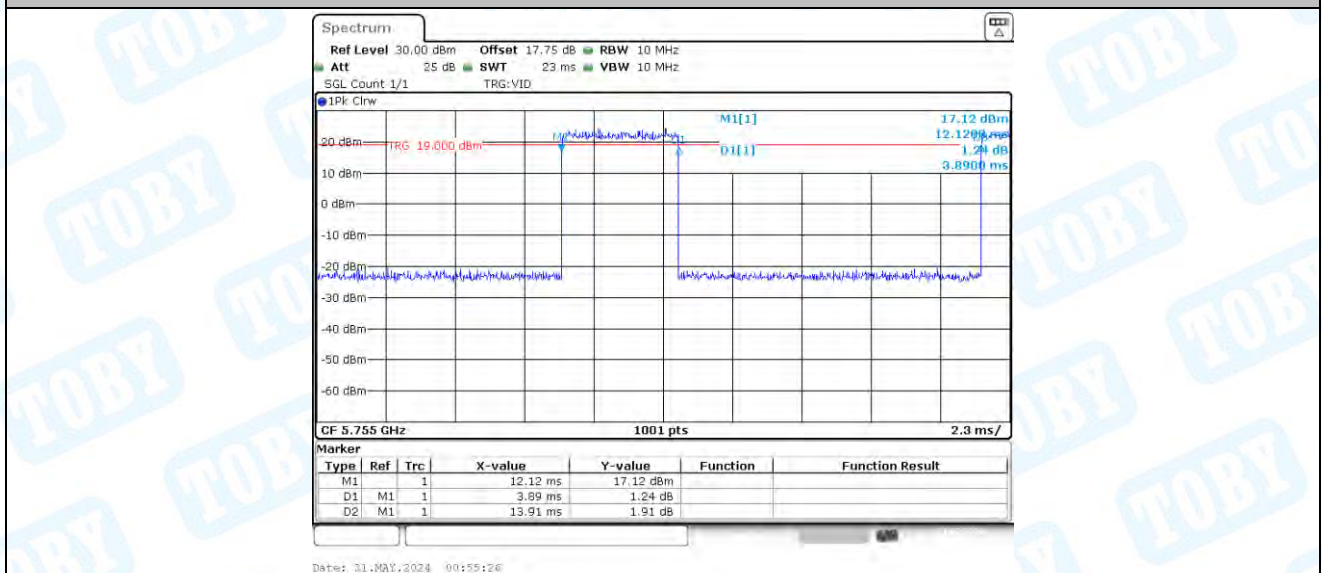
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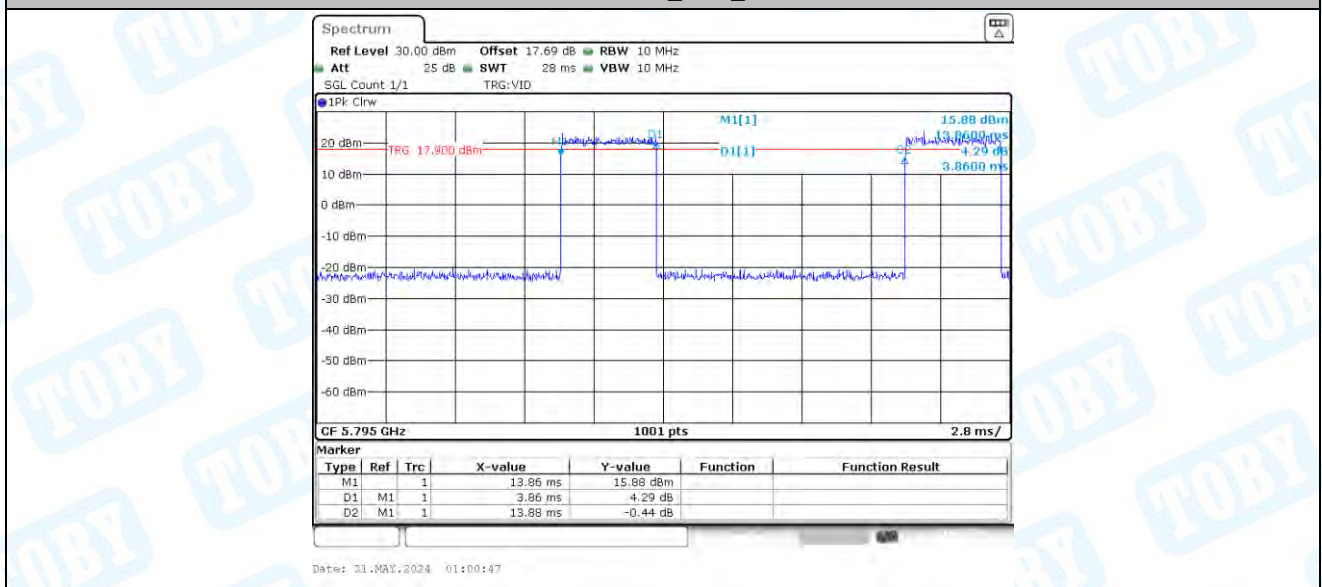
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



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