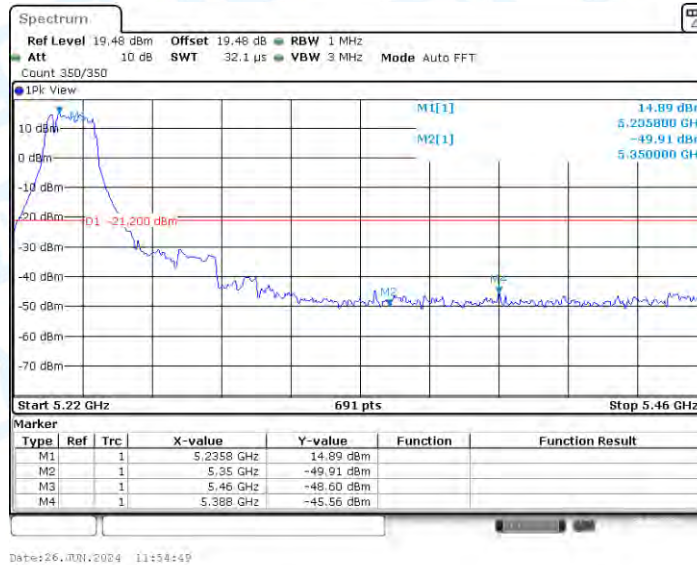
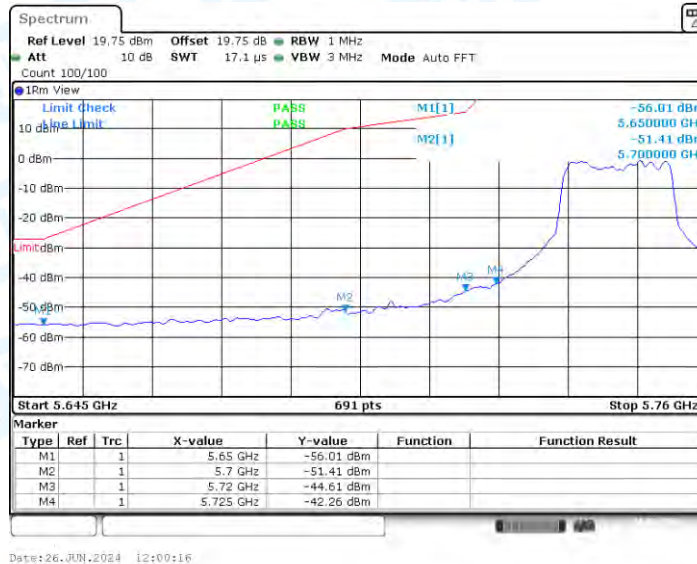


11AC20SISO_Ant1_High_5240_Peak



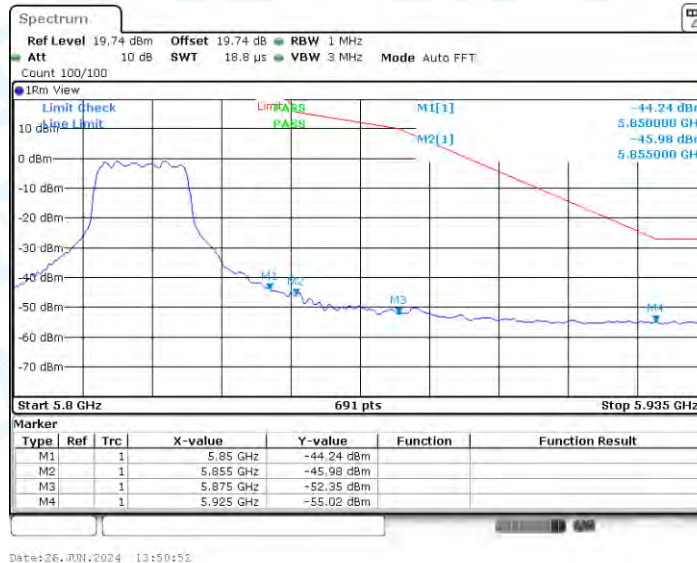
11AC20SISO_Ant1_Low_5745_AV



11AC20SISO_Ant1_Low_5745_Peak



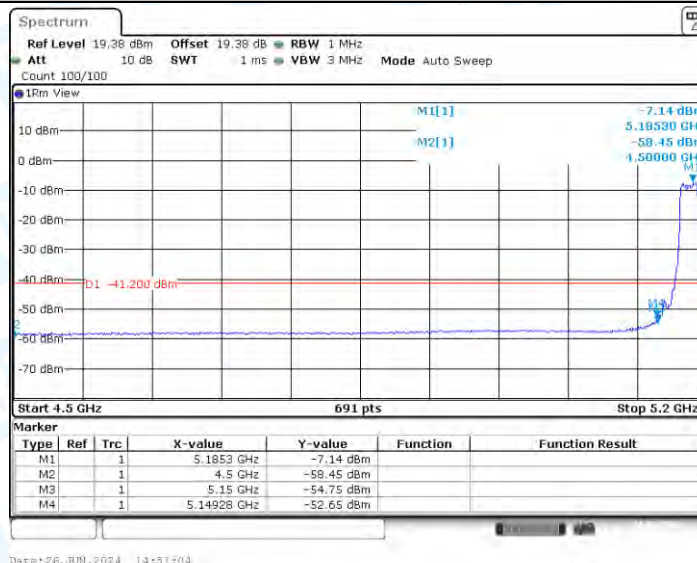
11AC20SISO_Ant1_High_5825_AV



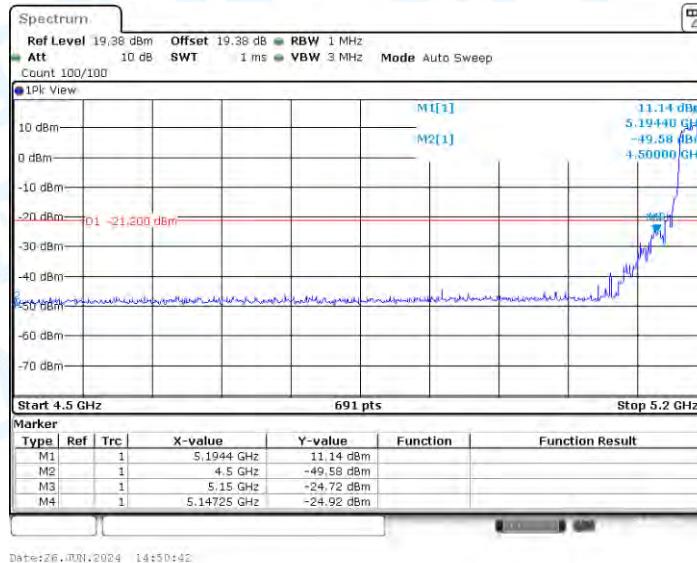
11AC20SISO_Ant1_High_5825_Peak



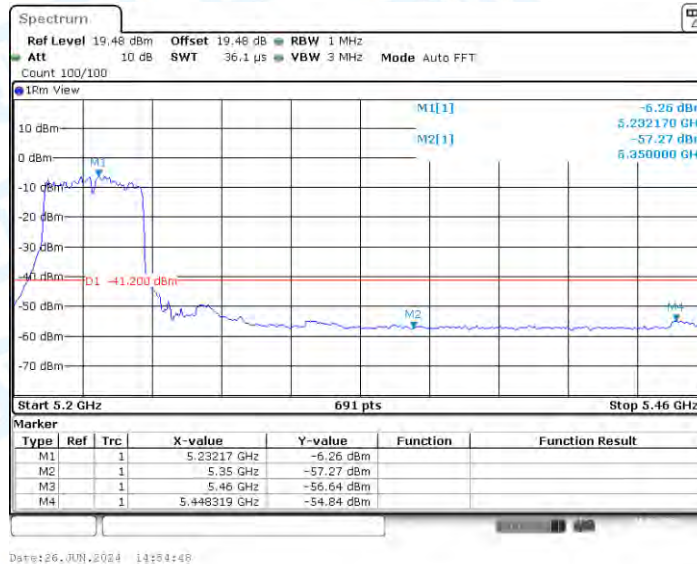
11AC40SISO_Ant1_Low_5190_AV



11AC40SISO_Ant1_Low_5190_Peak



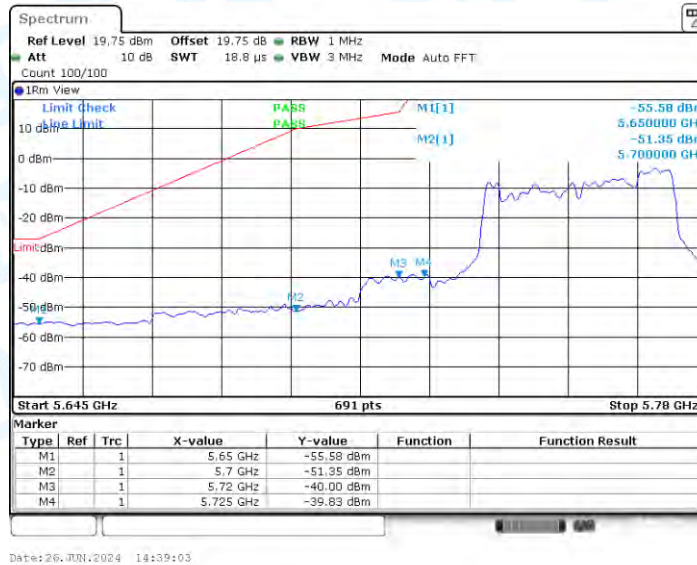
11AC40SISO_Ant1_High_5230_AV



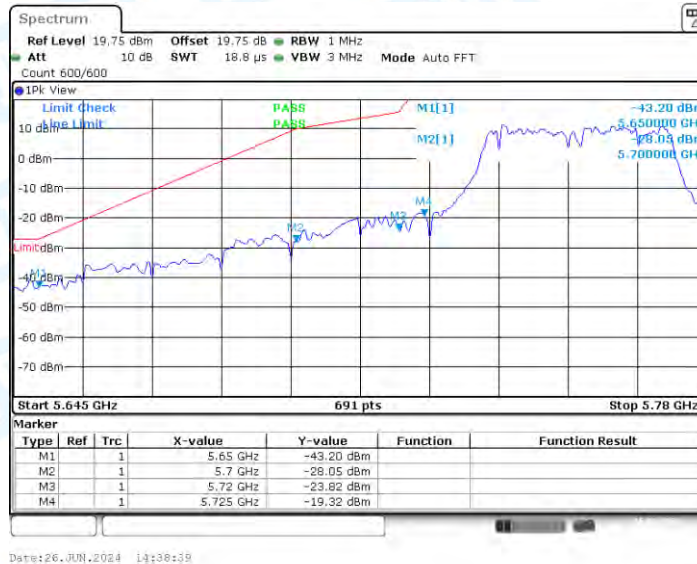
11AC40SISO_Ant1_High_5230_Peak



11AC40SISO_Ant1_Low_5755_AV



11AC40SISO_Ant1_Low_5755_Peak



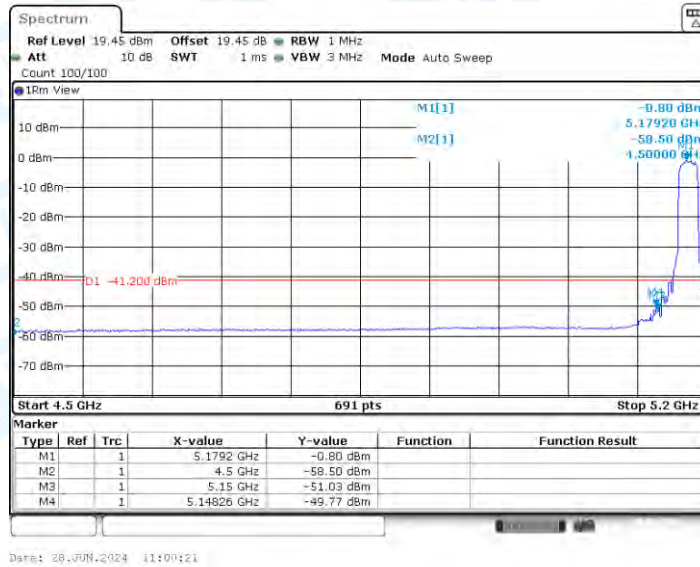
11AC40SISO_Ant1_High_5795_AV



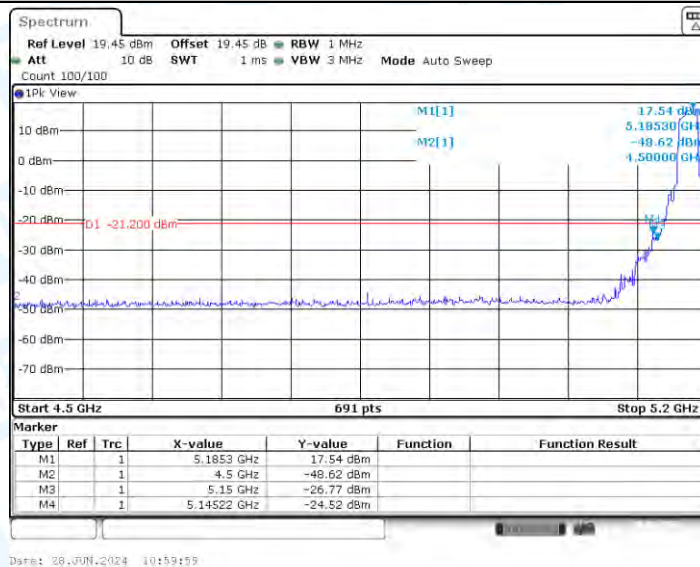
11AC40SISO_Ant1_High_5795_Peak



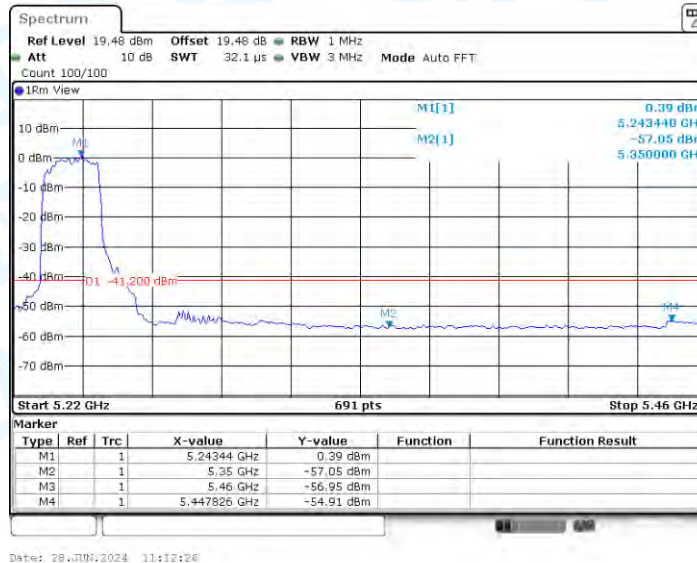
11AX20SISO_Ant1_Low_5180_AV



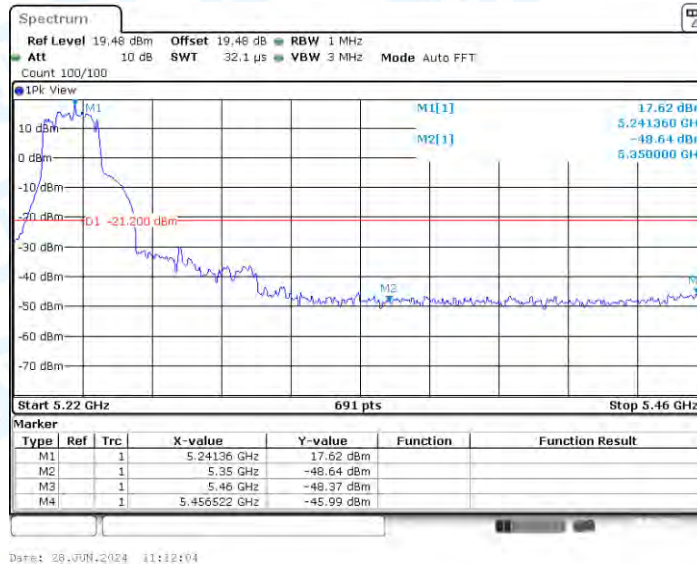
11AX20SISO_Ant1_Low_5180_Peak



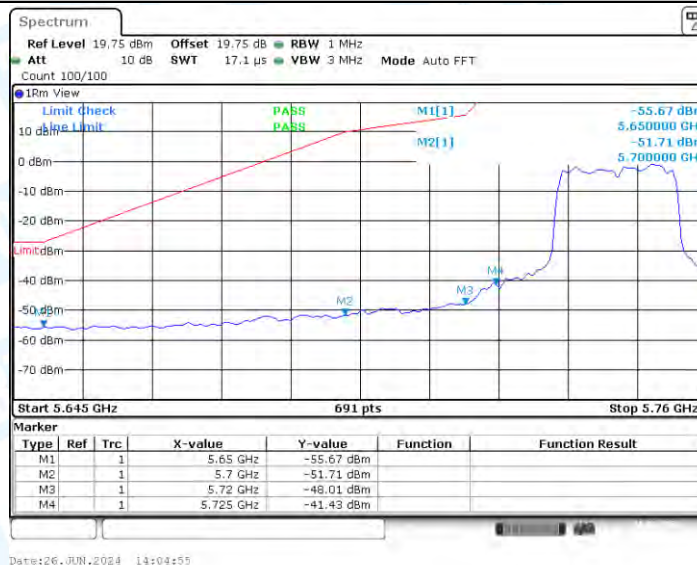
11AX20SISO_Ant1_High_5240_AV



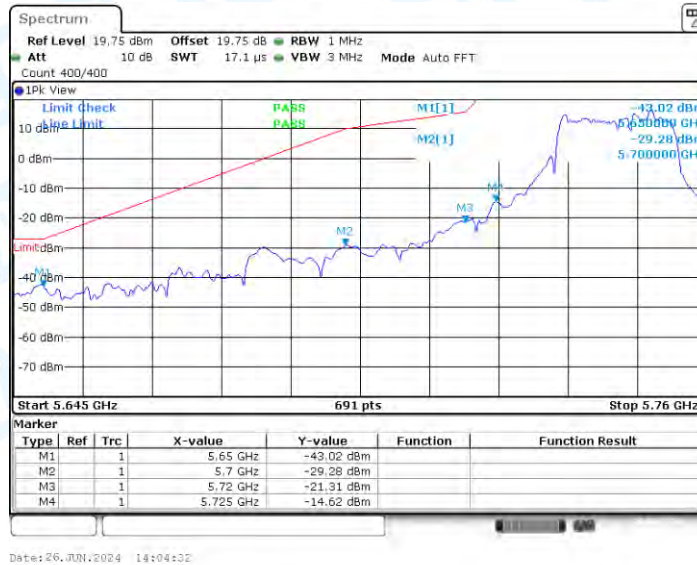
11AX20SISO_Ant1_High_5240_Peak



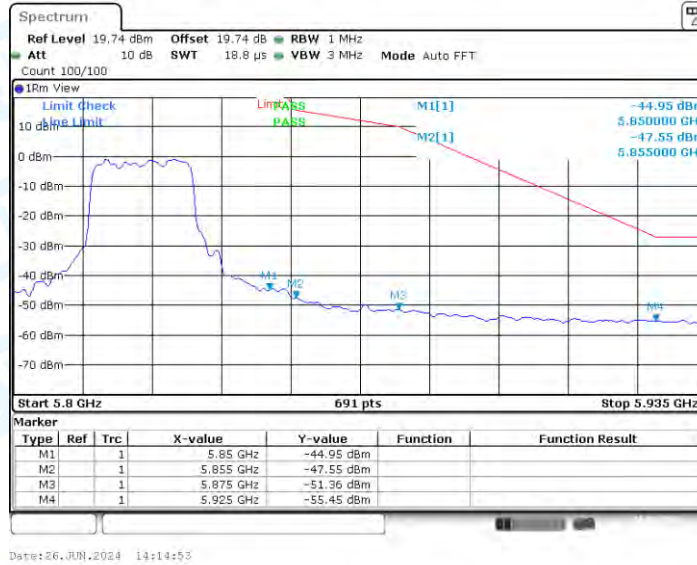
11AX20SISO_Ant1_Low_5745_AV



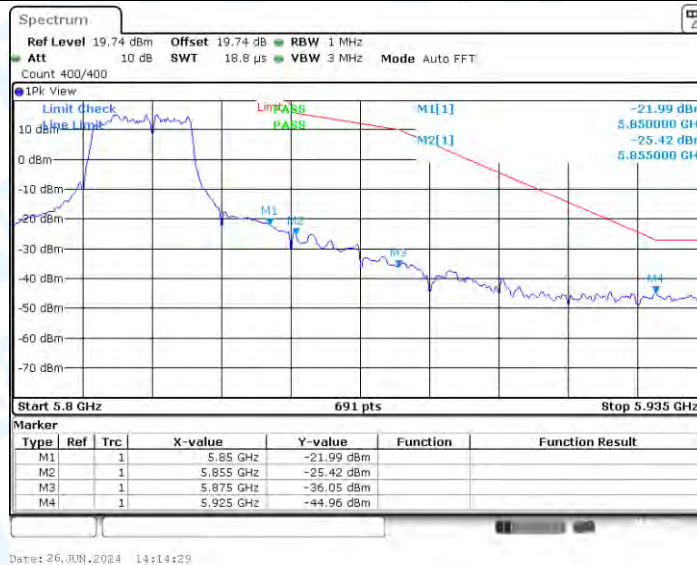
11AX20SISO_Ant1_Low_5745_Peak



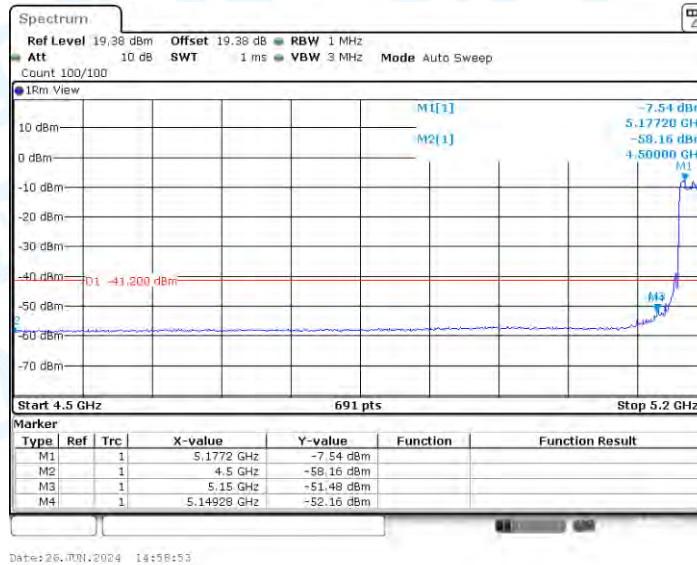
11AX20SISO_Ant1_High_5825_AV



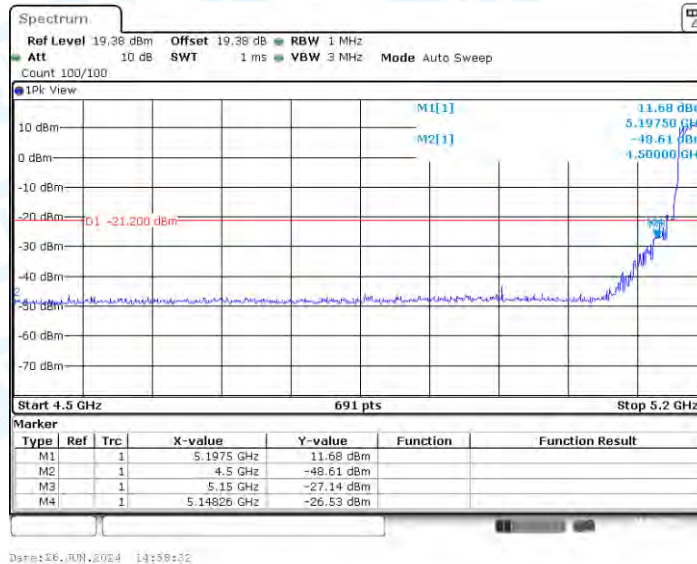
11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5190_AV



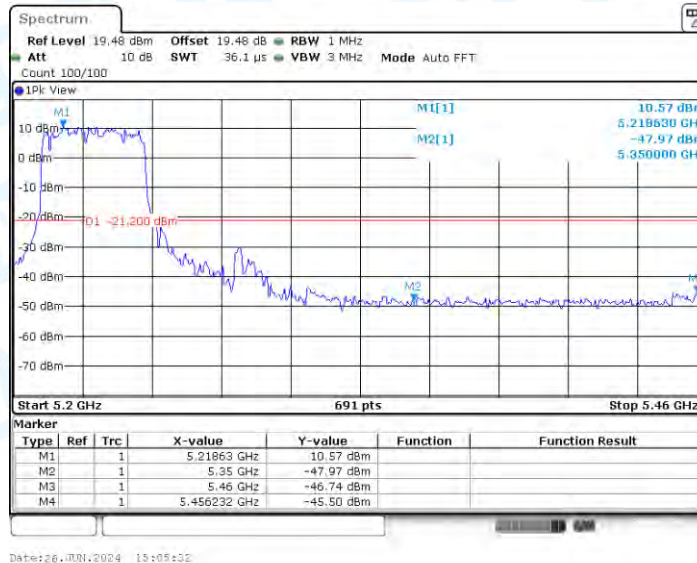
11AX40SISO_Ant1_Low_5190_Peak



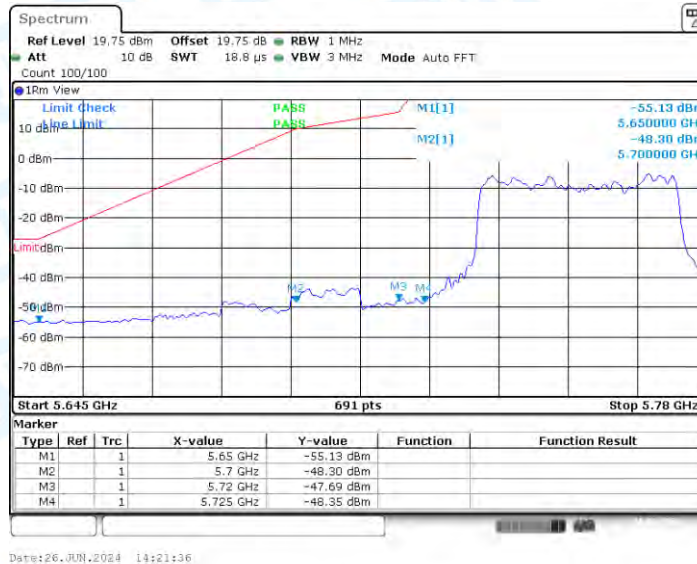
11AX40SISO_Ant1_High_5230_AV



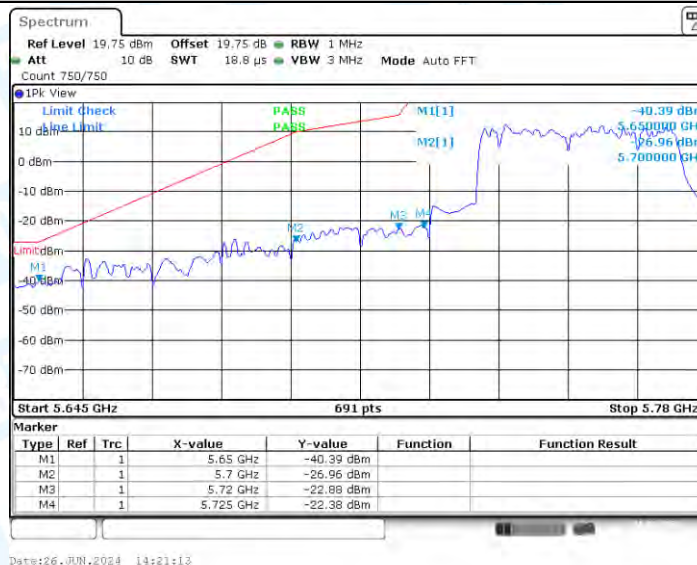
11AX40SISO_Ant1_High_5230_Peak



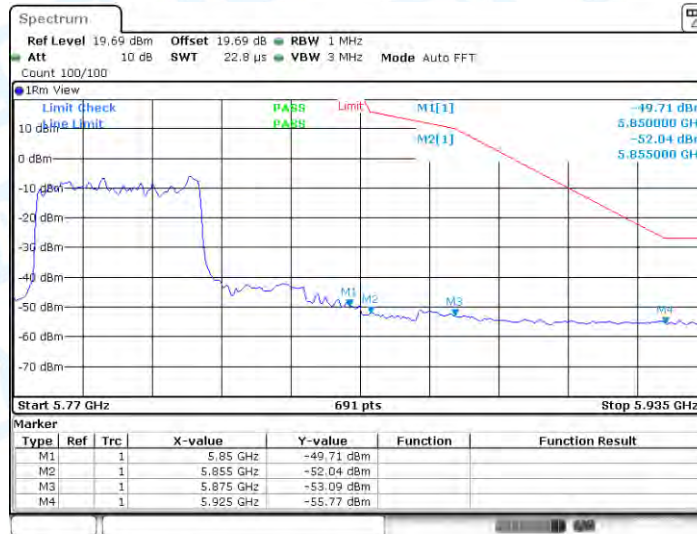
11AX40SISO_Ant1_Low_5755_AV



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_AV



11AX40SISO_Ant1_High_5795_Peak



8. Conducted Spurious Emission

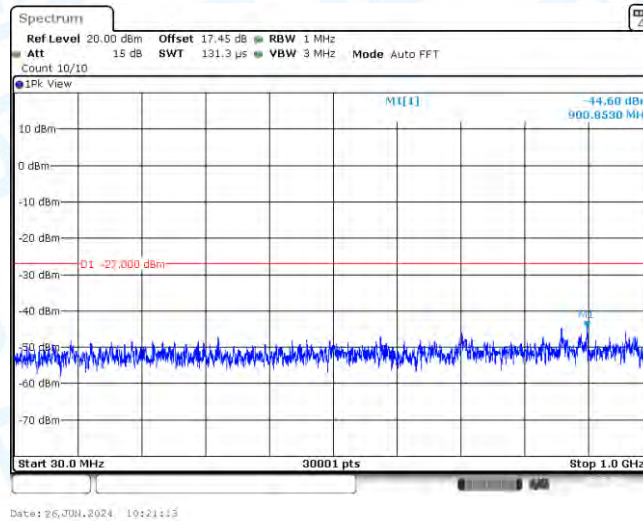
8.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	900.85	-44.6	≤-27	PASS
			1000~40000	6952.7	-38.06	≤-27	PASS
		5200	30~1000	892.58	-45.31	≤-27	PASS
			1000~40000	6974.8	-38.51	≤-27	PASS
		5240	30~1000	889.41	-43.32	≤-27	PASS
			1000~40000	6937.1	-38.11	≤-27	PASS
		5745	30~1000	960.31	-43.32	≤-27	PASS
			1000~40000	39368.2	-38.84	≤-27	PASS
		5785	30~1000	888.57	-43.84	≤-27	PASS
			1000~40000	6939.7	-37.89	≤-27	PASS
		5825	30~1000	865.39	-44.67	≤-27	PASS
			1000~40000	6995.6	-36.41	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	959.86	-45.14	≤-27	PASS
			1000~40000	6947.5	-38.71	≤-27	PASS
		5200	30~1000	509.18	-46.01	≤-27	PASS
			1000~40000	6835.7	-38.08	≤-27	PASS
		5240	30~1000	889.76	-45.12	≤-27	PASS
			1000~40000	6991.7	-37.83	≤-27	PASS
		5745	30~1000	966.71	-45.3	≤-27	PASS
			1000~40000	6850	-38.14	≤-27	PASS
		5785	30~1000	889.6	-45.27	≤-27	PASS
			1000~40000	6982.6	-37.2	≤-27	PASS
		5825	30~1000	898.66	-45.57	≤-27	PASS
			1000~40000	6956.6	-37.72	≤-27	PASS
11N40SISO	Ant1	5190	30~1000	897.88	-45.42	≤-27	PASS
			1000~40000	6993	-37.24	≤-27	PASS
		5230	30~1000	888.41	-44.6	≤-27	PASS
			1000~40000	6938.4	-38.82	≤-27	PASS
		5755	30~1000	892.8	-45.32	≤-27	PASS
			1000~40000	39988.3	-38.36	≤-27	PASS
		5795	30~1000	892.84	-45.12	≤-27	PASS
			1000~40000	6972.2	-38.59	≤-27	PASS
11AC20SISO	Ant1	5180	30~1000	888.18	-44.35	≤-27	PASS
			1000~40000	6970.9	-38.64	≤-27	PASS
		5200	30~1000	860.44	-44.77	≤-27	PASS
			1000~40000	6855.2	-38.18	≤-27	PASS
		5240	30~1000	705.37	-45.89	≤-27	PASS
			1000~40000	6981.3	-38.28	≤-27	PASS
		5745	30~1000	963.93	-45.12	≤-27	PASS
			1000~40000	6939.7	-37.89	≤-27	PASS

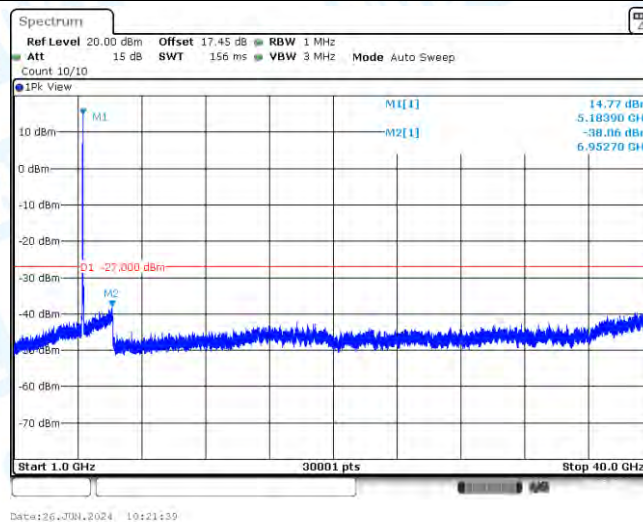
			1000~40000	6977.4	-38.38	≤-27	PASS
		5785	30~1000	917.73	-45.27	≤-27	PASS
			1000~40000	6931.9	-38.62	≤-27	PASS
		5825	30~1000	869.3	-44.77	≤-27	PASS
			1000~40000	6994.3	-38.33	≤-27	PASS
11AC40SISO	Ant1	5190	30~1000	861.47	-45.91	≤-27	PASS
			1000~40000	39343.5	-38.44	≤-27	PASS
		5230	30~1000	961.38	-44.42	≤-27	PASS
			1000~40000	6977.4	-37.91	≤-27	PASS
		5755	30~1000	710.16	-44.93	≤-27	PASS
			1000~40000	6998.2	-38.47	≤-27	PASS
		5795	30~1000	958.89	-44.62	≤-27	PASS
			1000~40000	6946.2	-39	≤-27	PASS
11AX20SISO	Ant1	5180	30~1000	959.76	-44.74	≤-27	PASS
			1000~40000	6860.4	-38.21	≤-27	PASS
		5200	30~1000	889.83	-46.12	≤-27	PASS
			1000~40000	6998.2	-37.78	≤-27	PASS
		5240	30~1000	888.05	-44.64	≤-27	PASS
			1000~40000	6973.5	-37.97	≤-27	PASS
		5745	30~1000	870.11	-45.54	≤-27	PASS
			1000~40000	6843.5	-38.34	≤-27	PASS
		5785	30~1000	890.09	-45.65	≤-27	PASS
			1000~40000	6978.7	-38.91	≤-27	PASS
11AX40SISO	Ant1	5190	30~1000	864.64	-44.73	≤-27	PASS
			1000~40000	6974.8	-38.05	≤-27	PASS
		5230	30~1000	508.53	-46.21	≤-27	PASS
			1000~40000	6970.9	-38.54	≤-27	PASS
		5755	30~1000	888.99	-43.86	≤-27	PASS
			1000~40000	6911.1	-38.27	≤-27	PASS
		5795	30~1000	958.73	-44.89	≤-27	PASS
			1000~40000	6889	-38.26	≤-27	PASS

8.2.Test Graphs

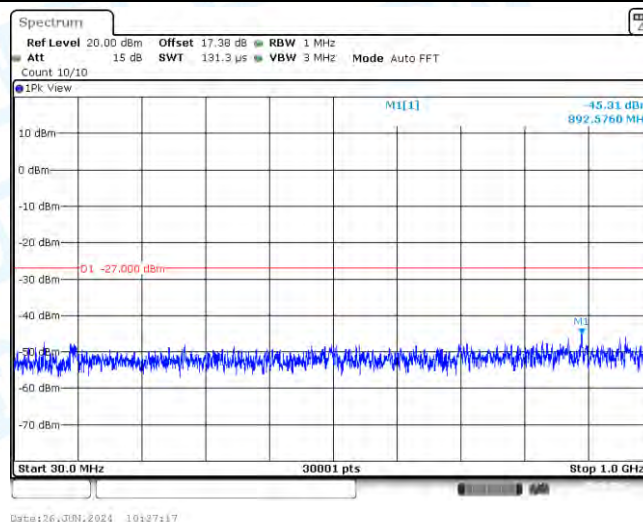
11A_Ant1_5180_30~1000



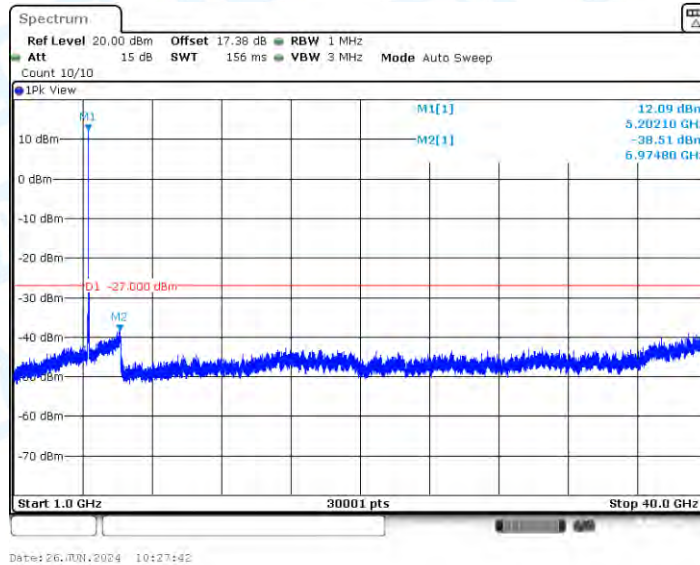
11A_Ant1_5180_1000~40000



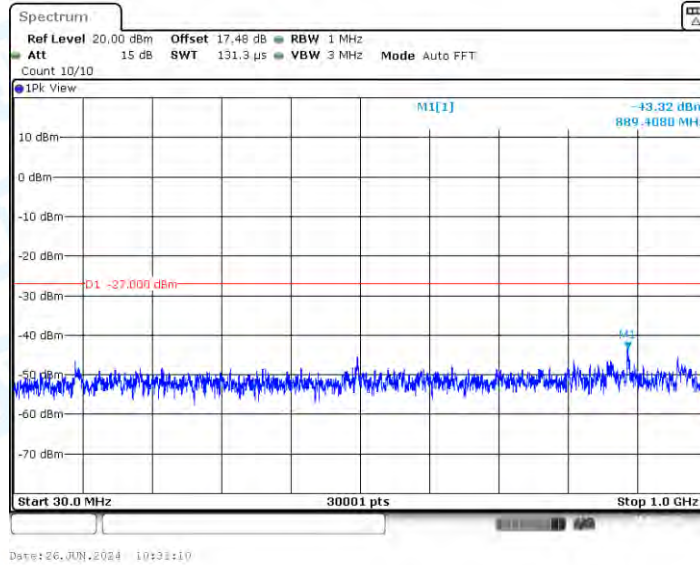
11A_Ant1_5200_30~1000



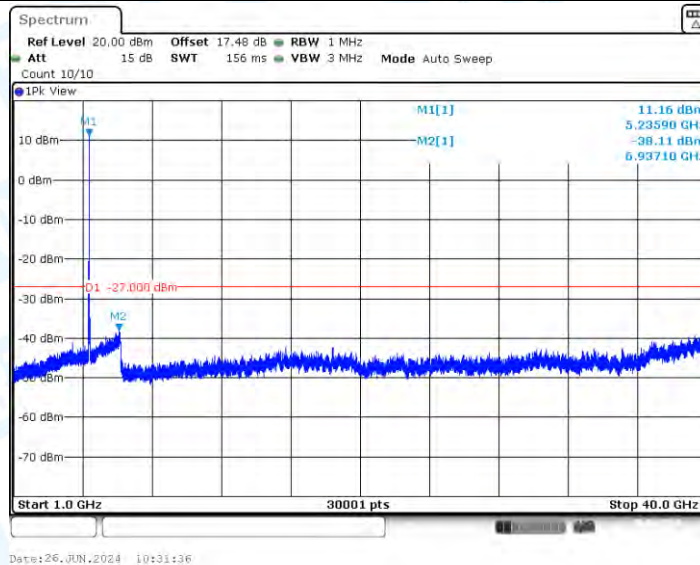
11A_Ant1_5200_1000~40000



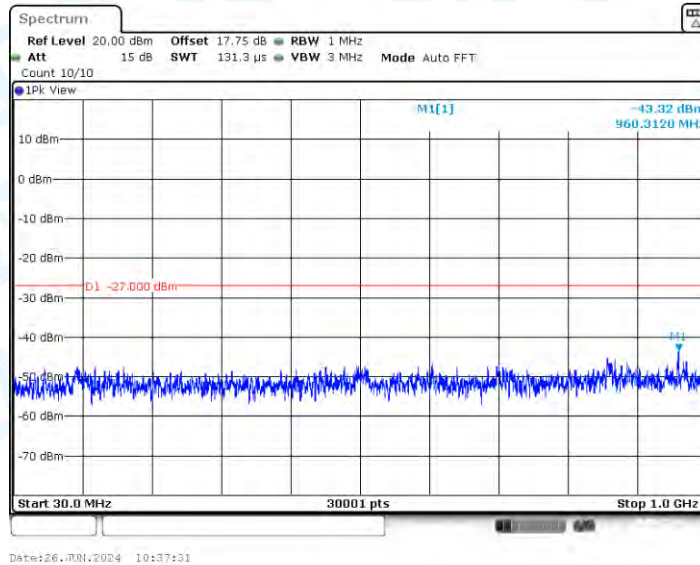
11A_Ant1_5240_30~1000



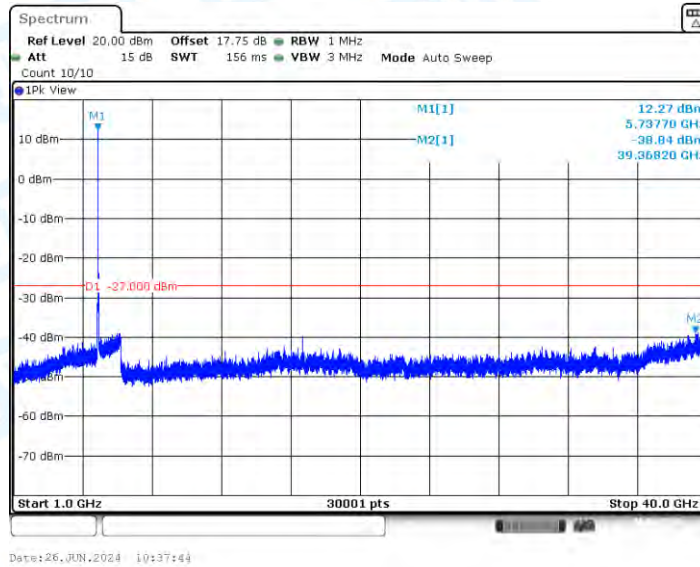
11A_Ant1_5240_1000~40000



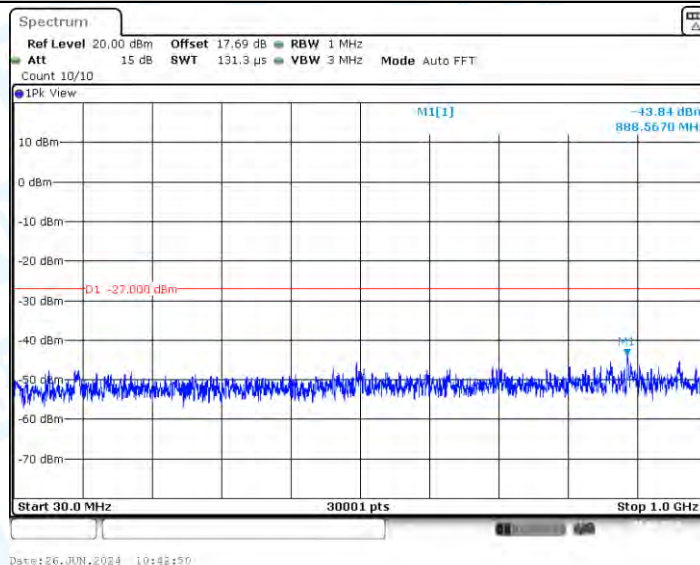
11A_Ant1_5745_30~1000



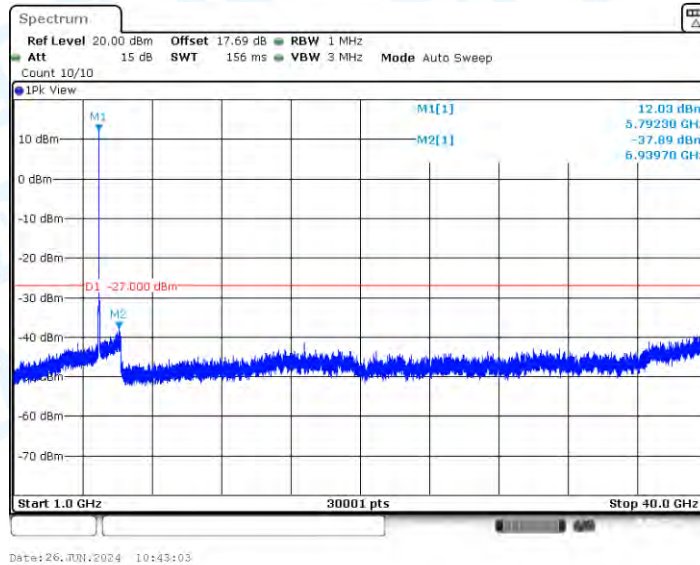
11A_Ant1_5745_1000~40000



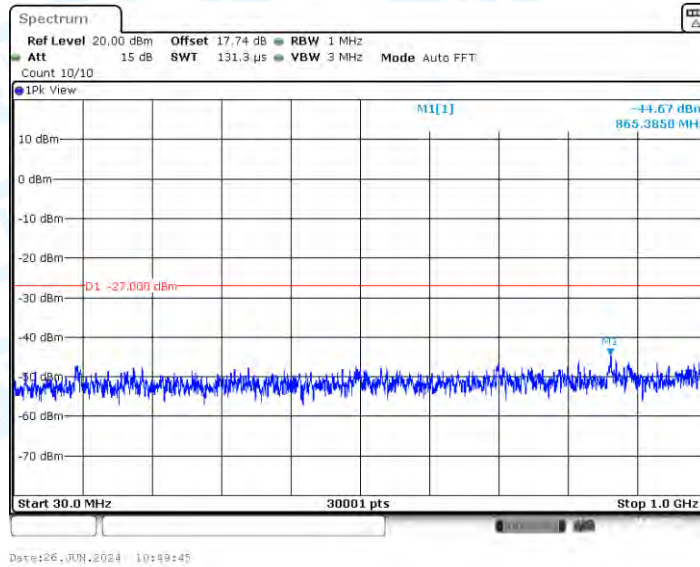
11A_Ant1_5785_30~1000



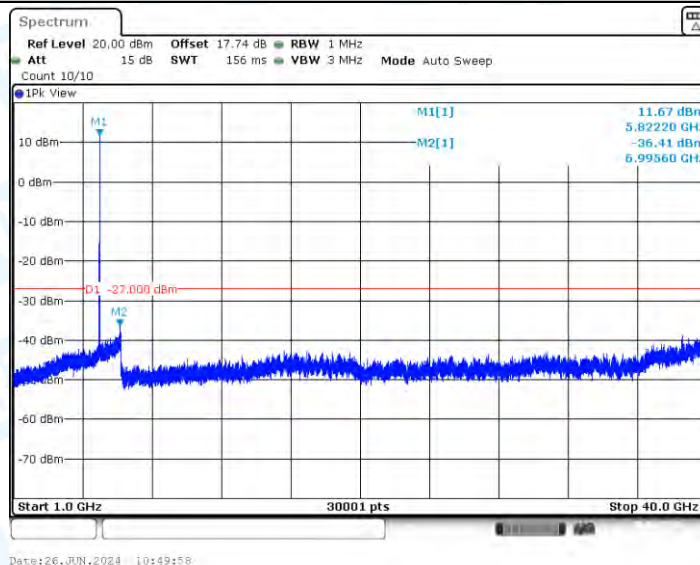
11A_Ant1_5785_1000~40000



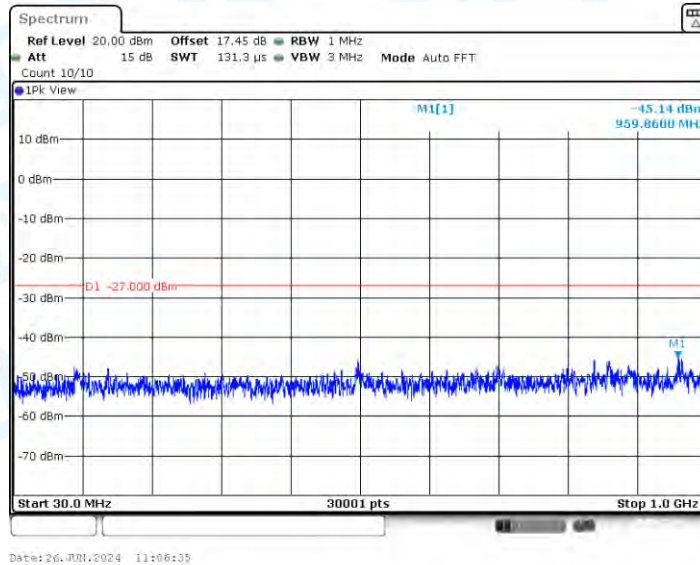
11A_Ant1_5825_30~1000



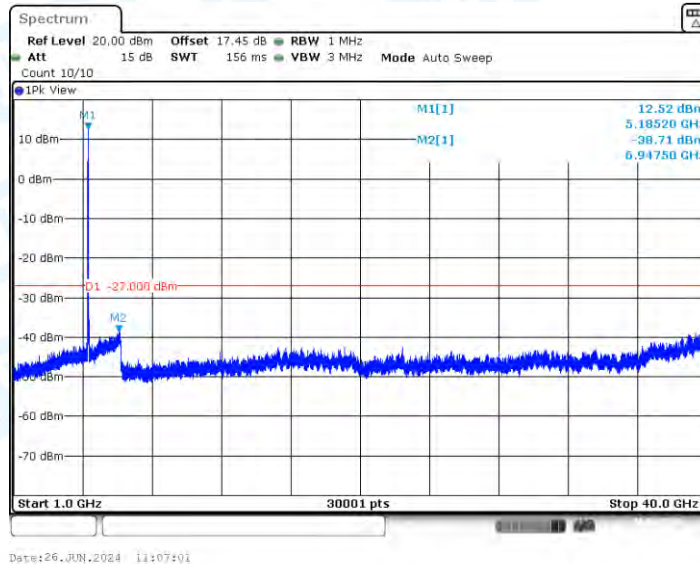
11A_Ant1_5825_1000~40000



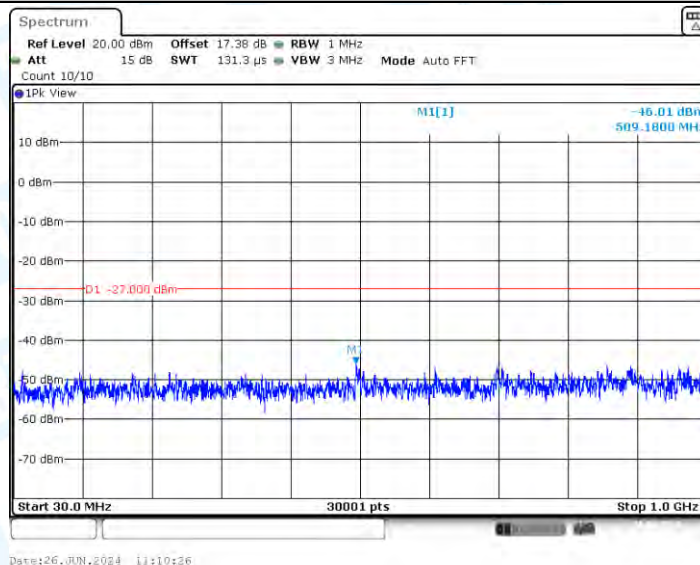
11N20SISO_Ant1_5180_30~1000



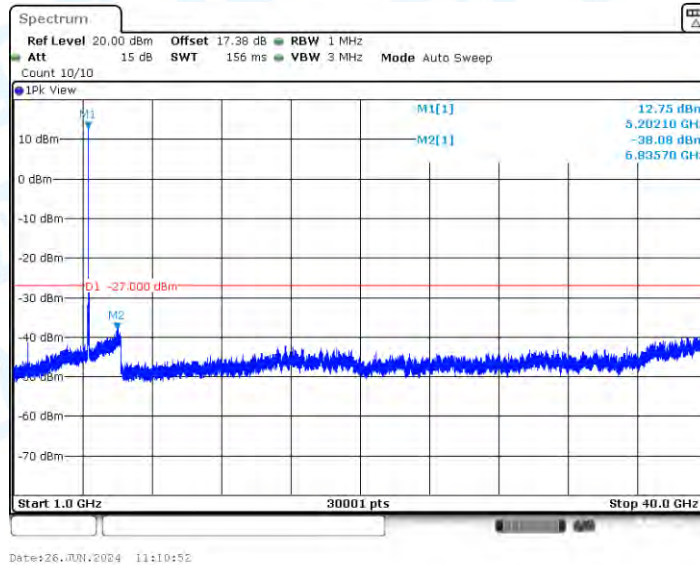
11N20SISO_Ant1_5180_1000~40000



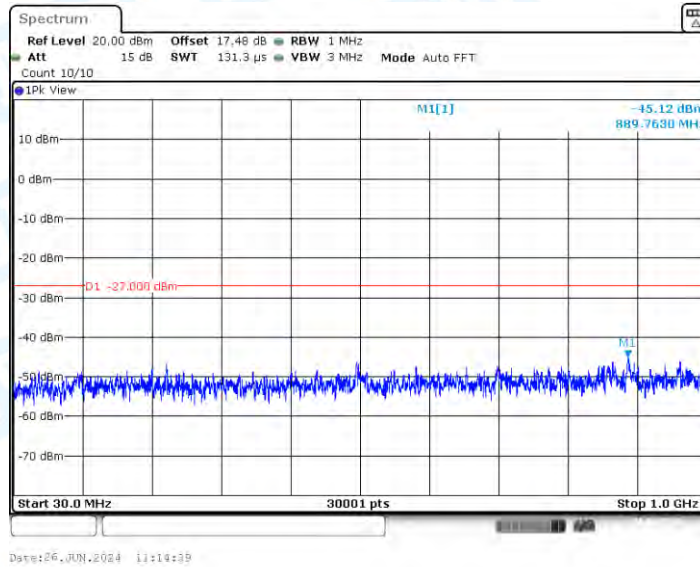
11N20SISO_Ant1_5200_30~1000



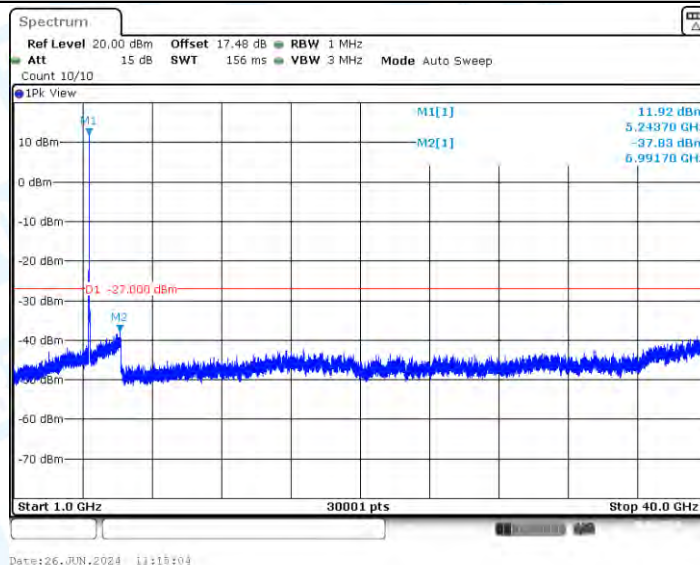
11N20SISO_Ant1_5200_1000~40000



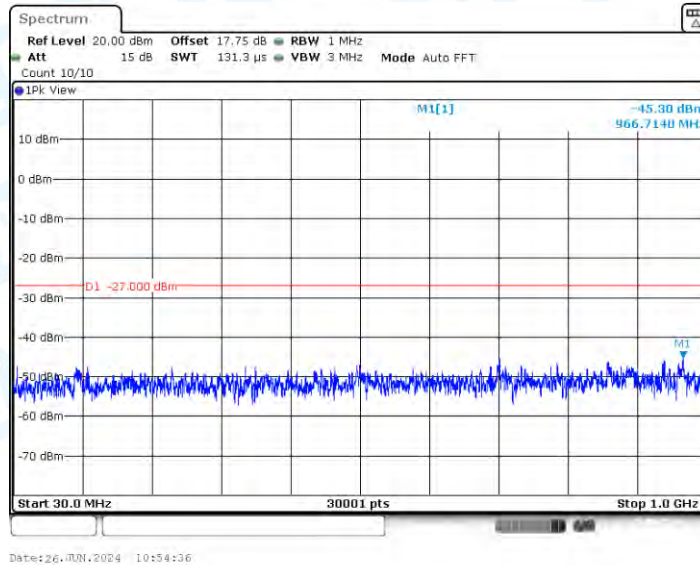
11N20SISO_Ant1_5240_30~1000



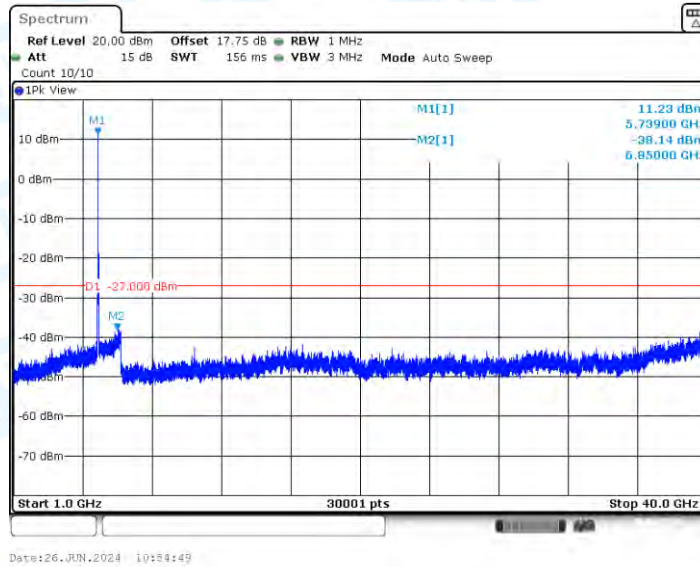
11N20SISO_Ant1_5240_1000~40000



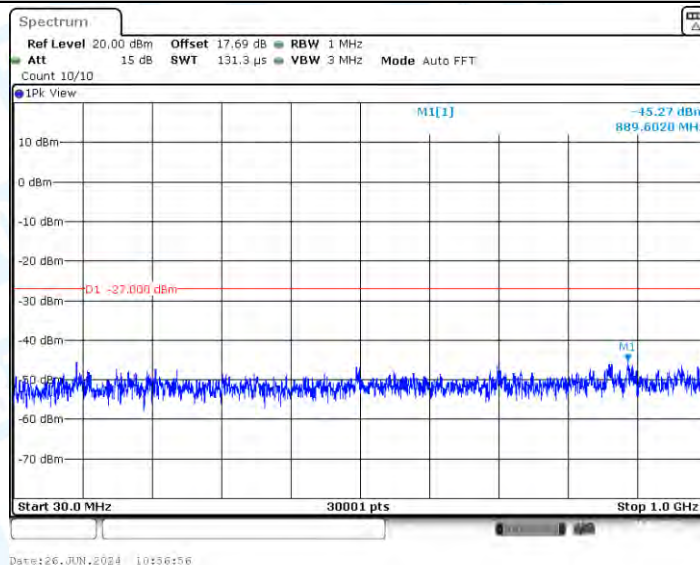
11N20SISO_Ant1_5745_30~1000



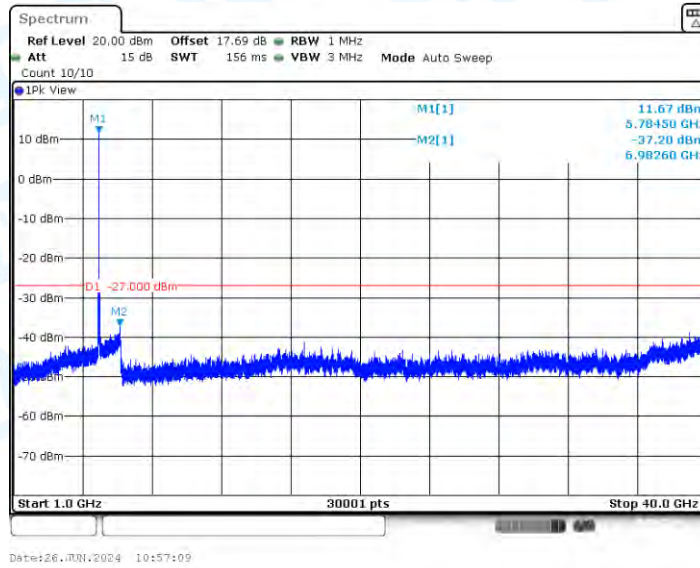
11N20SISO_Ant1_5745_1000~40000



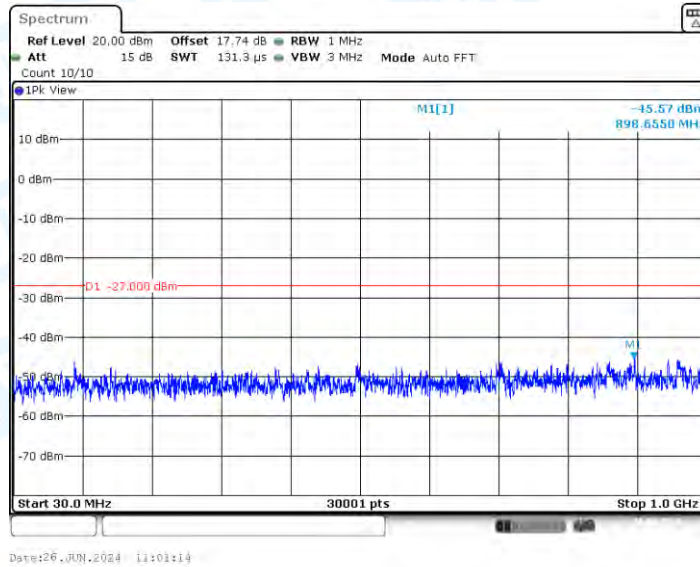
11N20SISO_Ant1_5785_30~1000



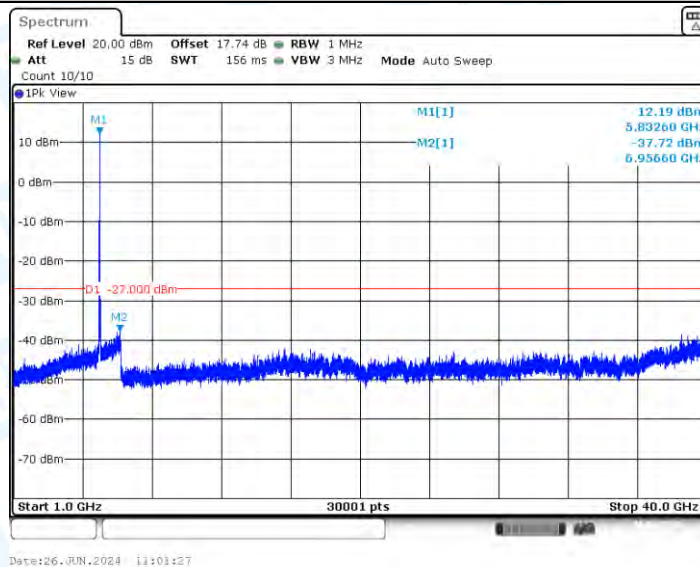
11N20SISO_Ant1_5785_1000~40000



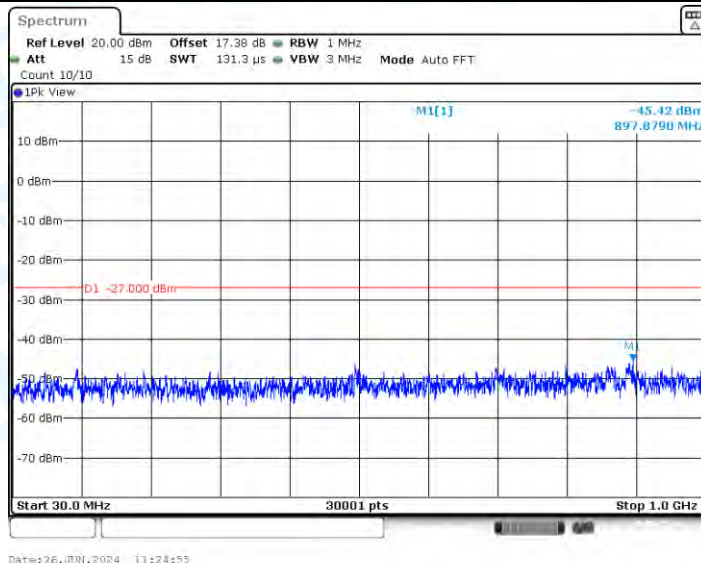
11N20SISO_Ant1_5825_30~1000



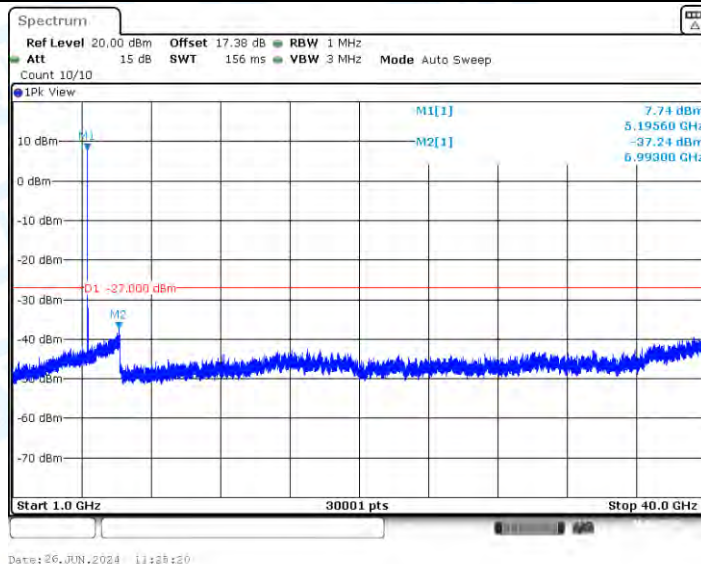
11N20SISO_Ant1_5825_1000~40000



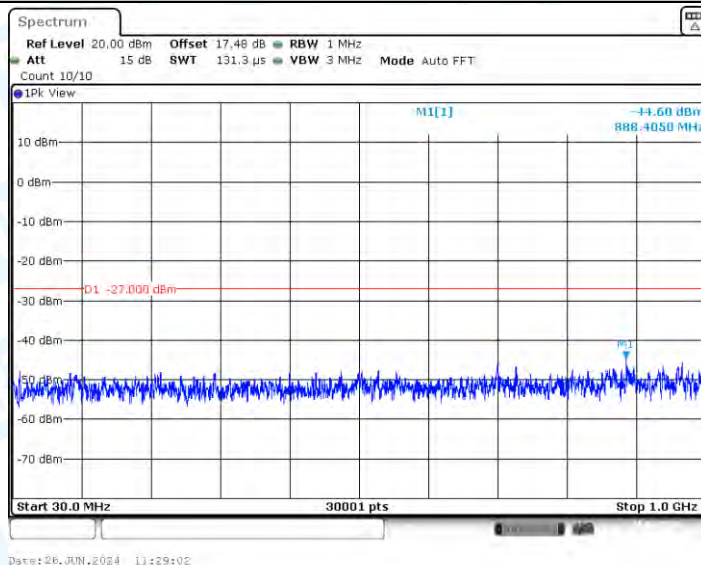
11N40SISO_Ant1_5190_30~1000



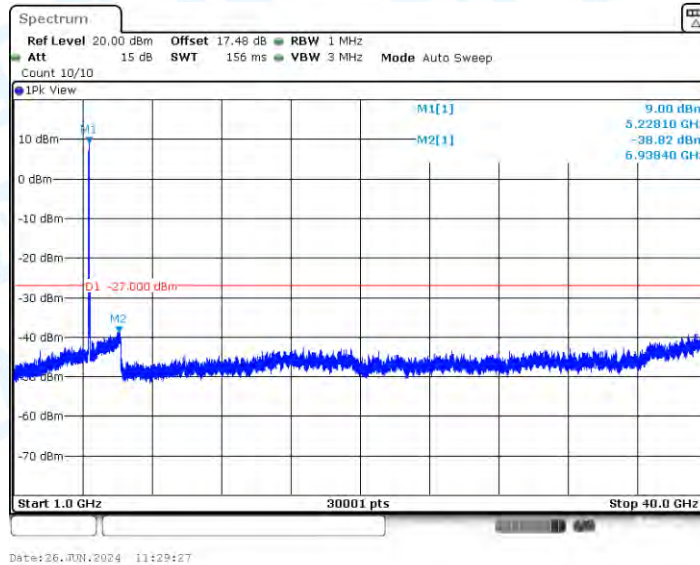
11N40SISO_Ant1_5190_1000~40000



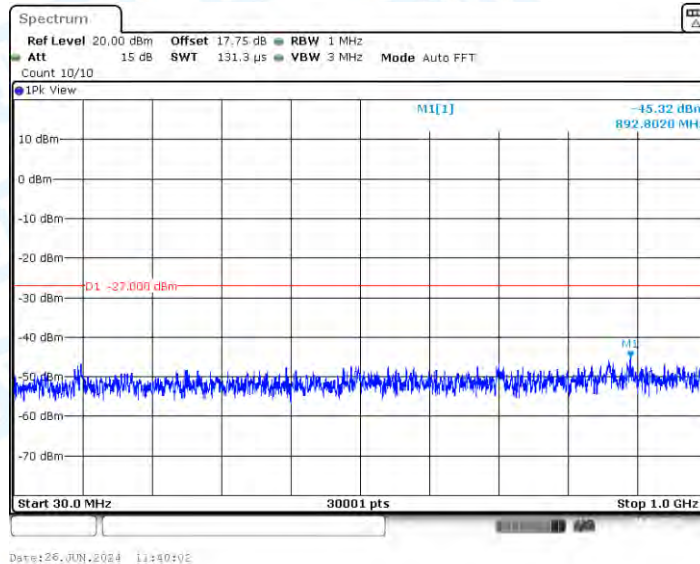
11N40SISO_Ant1_5230_30~1000



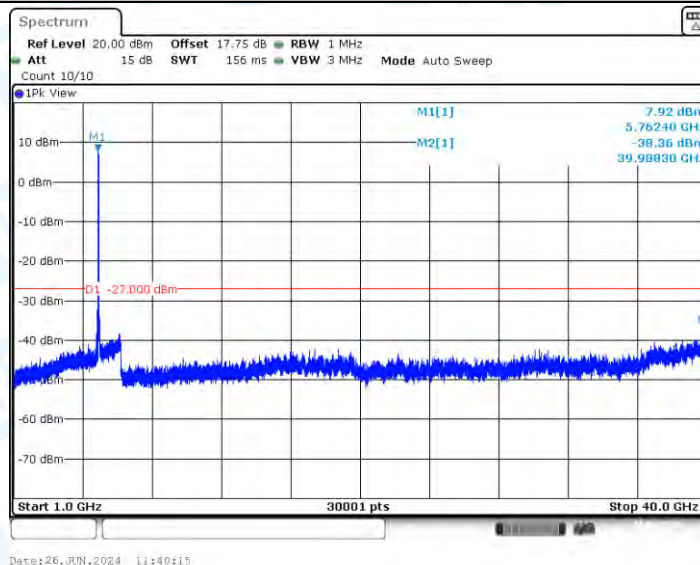
11N40SISO_Ant1_5230_1000~40000



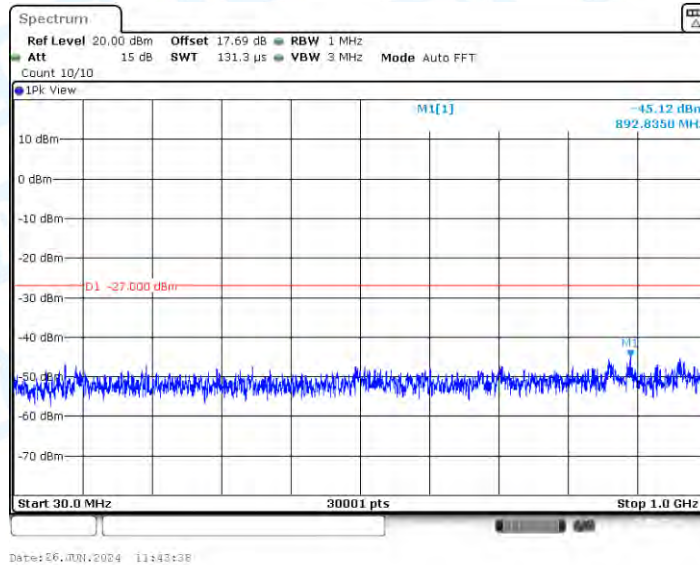
11N40SISO_Ant1_5755_30~1000



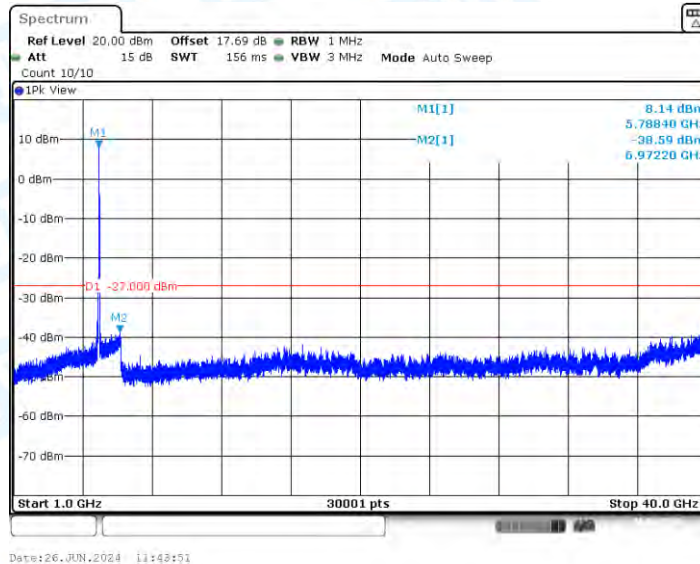
11N40SISO_Ant1_5755_1000~40000



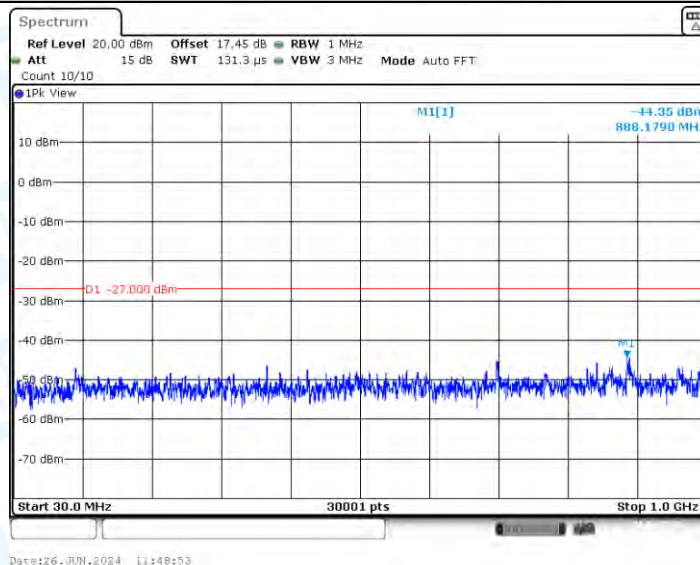
11N40SISO_Ant1_5795_30~1000



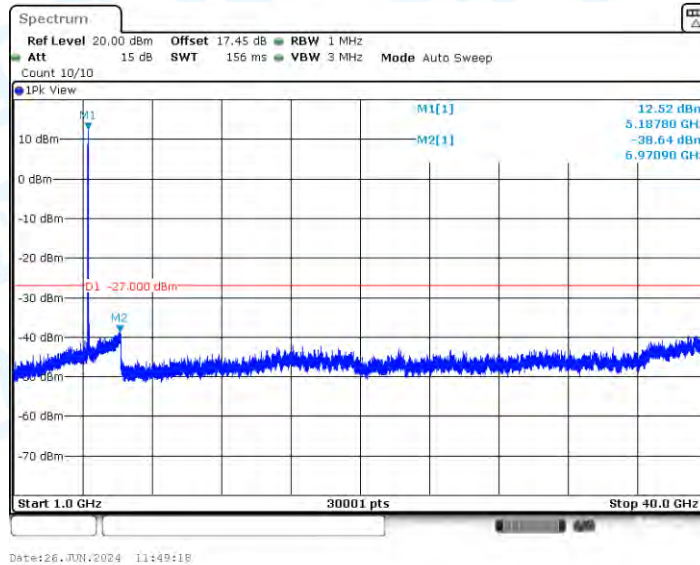
11N40SISO_Ant1_5795_1000~40000



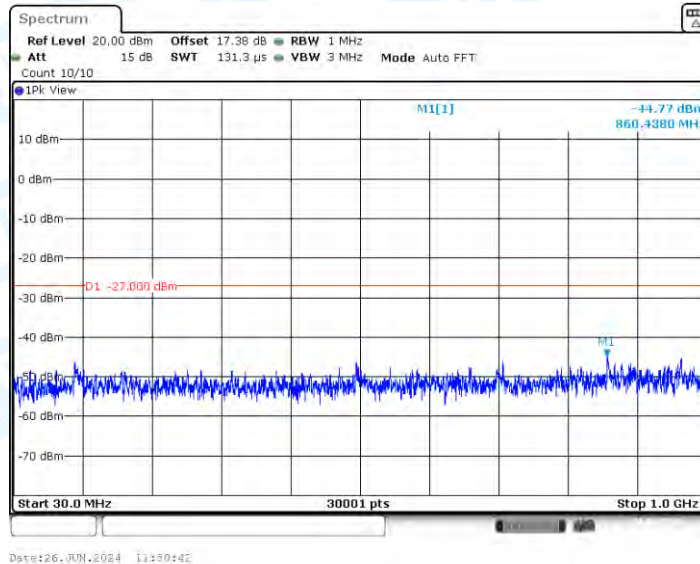
11AC20SISO_Ant1_5180_30~1000



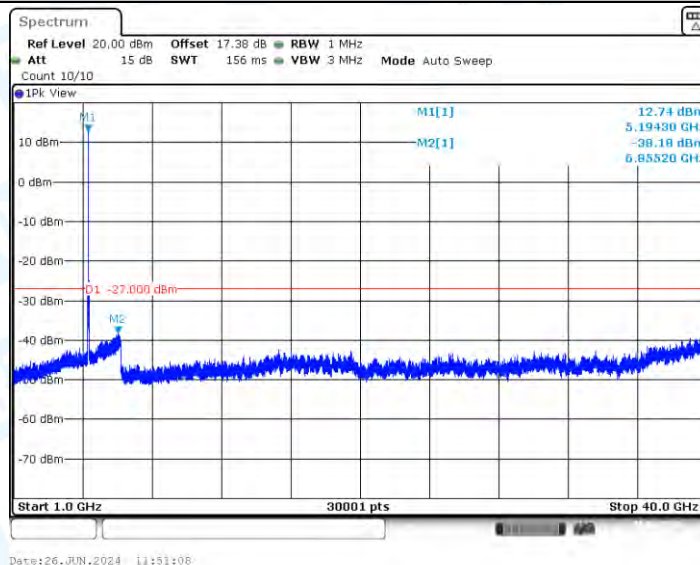
11AC20SISO_Ant1_5180_1000~40000



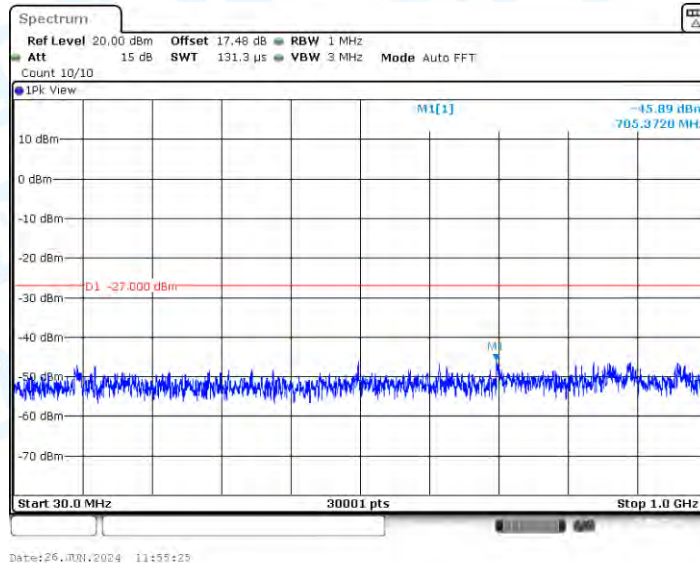
11AC20SISO_Ant1_5200_30~1000



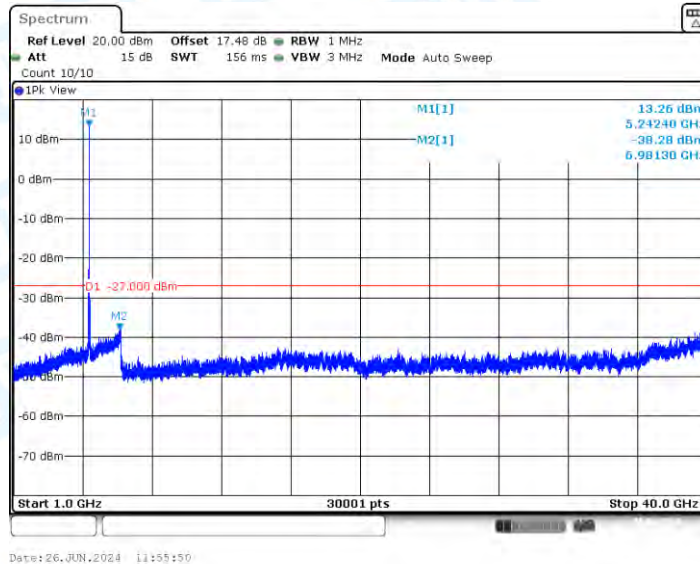
11AC20SISO_Ant1_5200_1000~40000



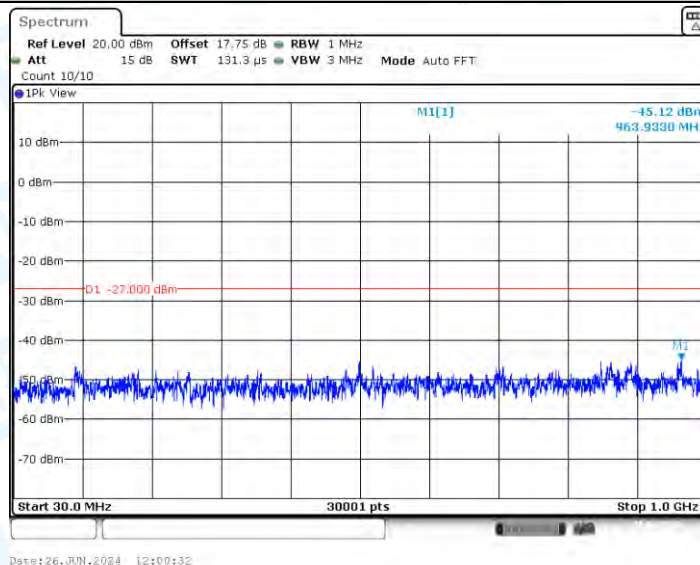
11AC20SISO_Ant1_5240_30~1000



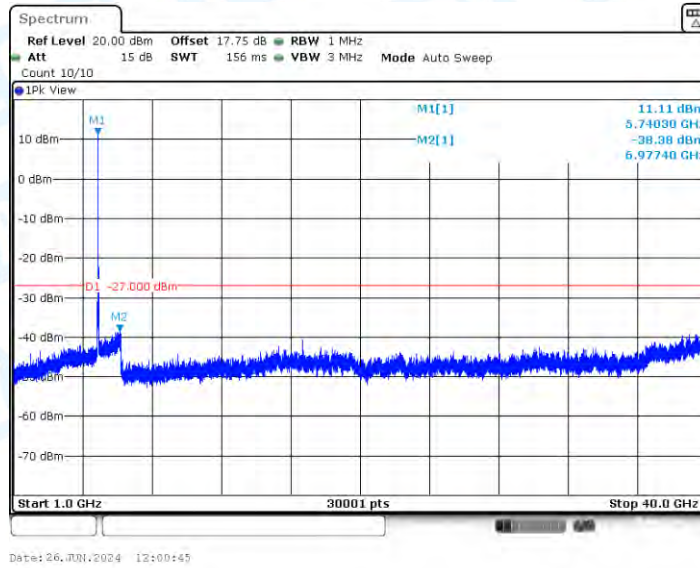
11AC20SISO_Ant1_5240_1000~40000



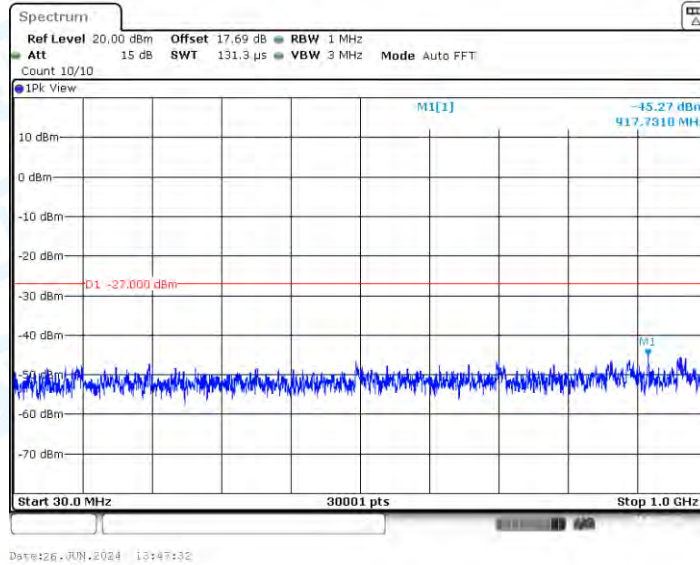
11AC20SISO_Ant1_5745_30~1000



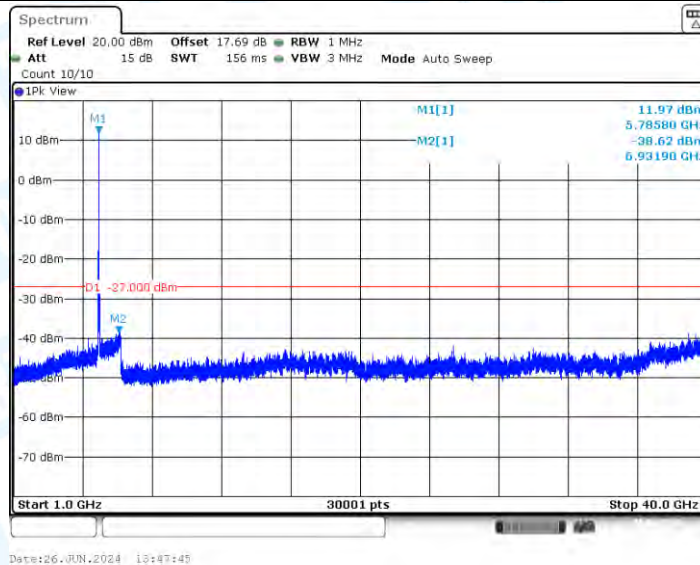
11AC20SISO_Ant1_5745_1000~40000



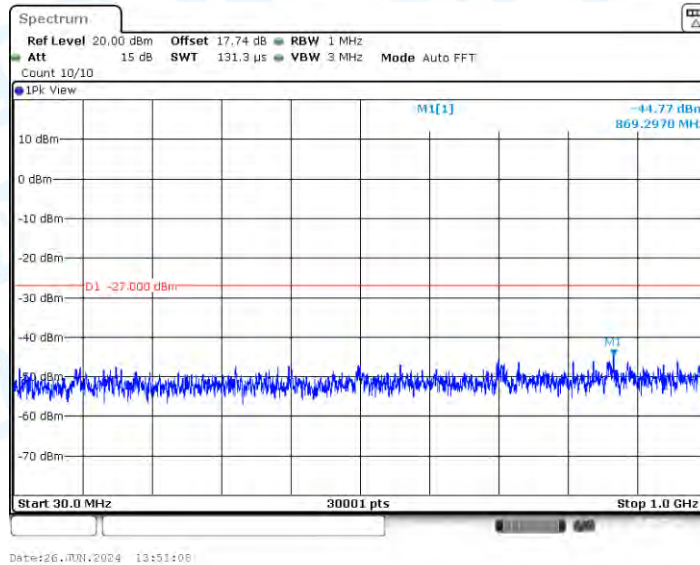
11AC20SISO_Ant1_5785_30~1000



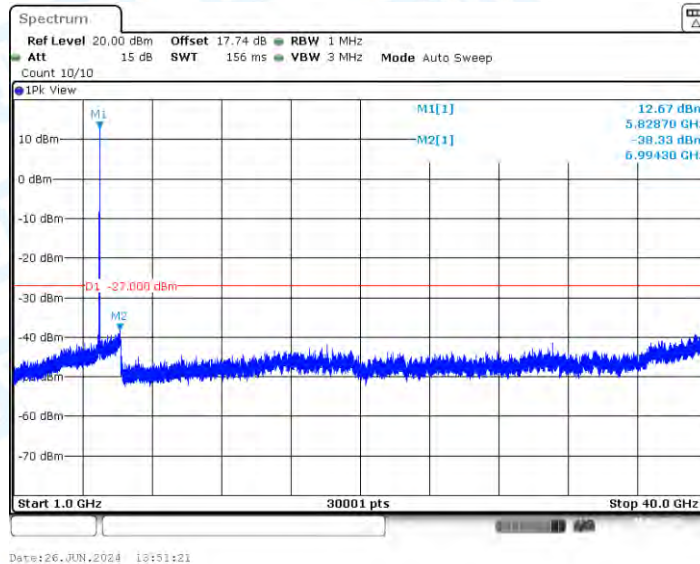
11AC20SISO_Ant1_5785_1000~40000



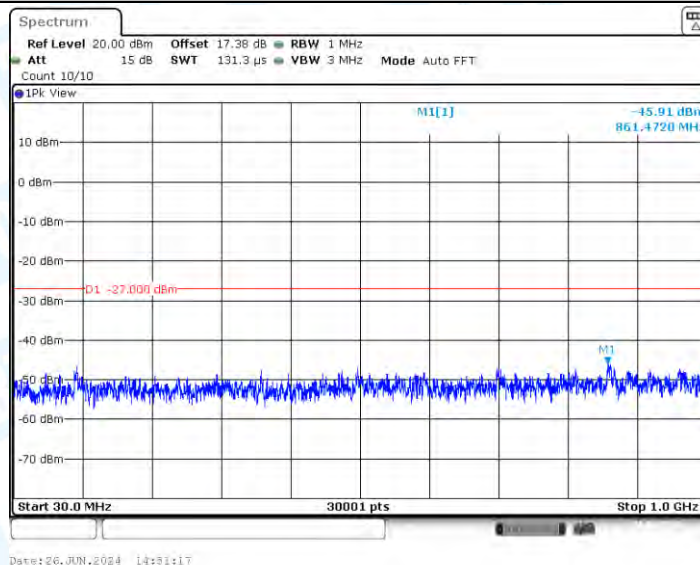
11AC20SISO_Ant1_5825_30~1000



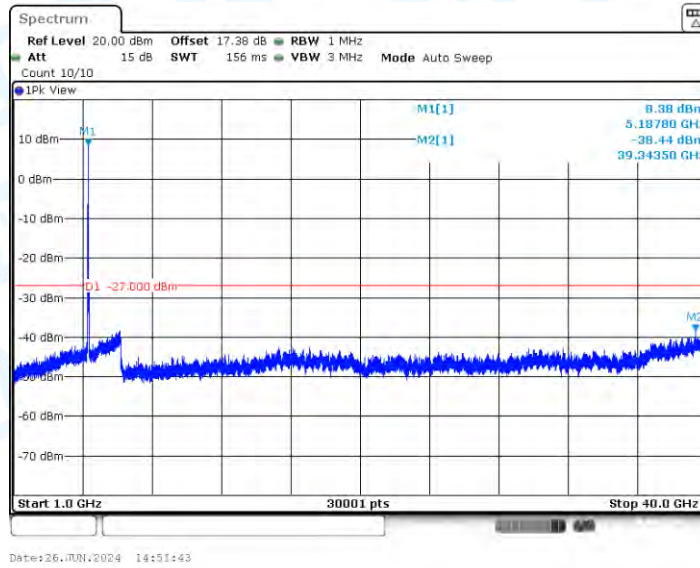
11AC20SISO_Ant1_5825_1000~40000



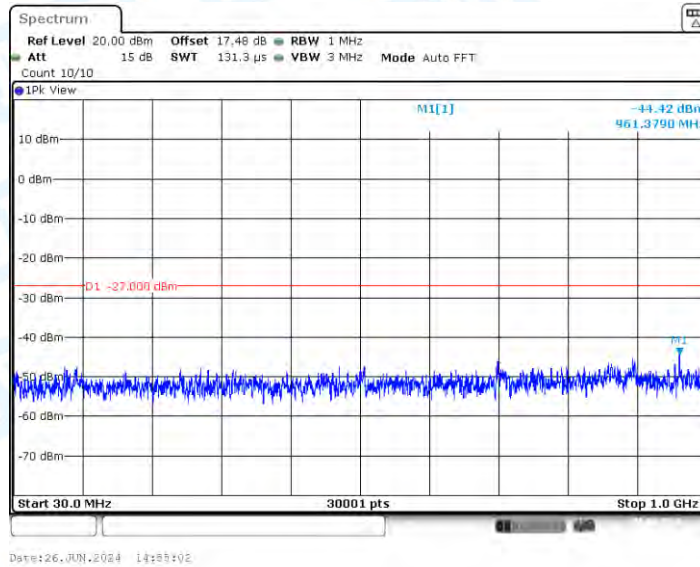
11AC40SISO_Ant1_5190_30~1000



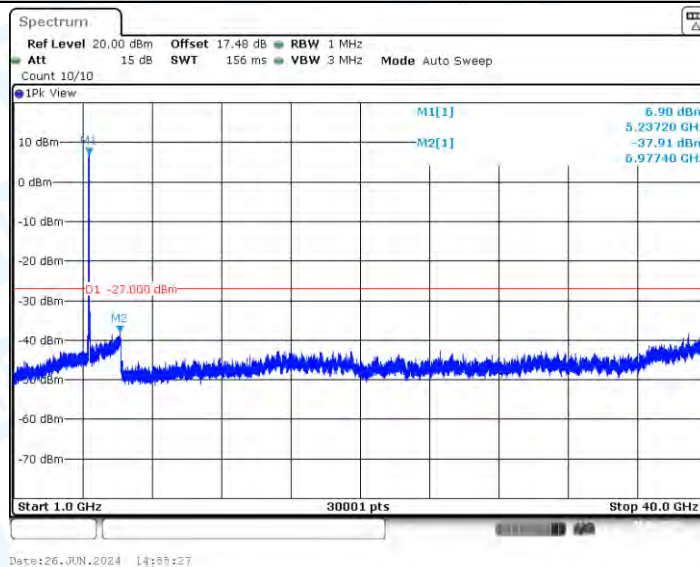
11AC40SISO_Ant1_5190_1000~40000



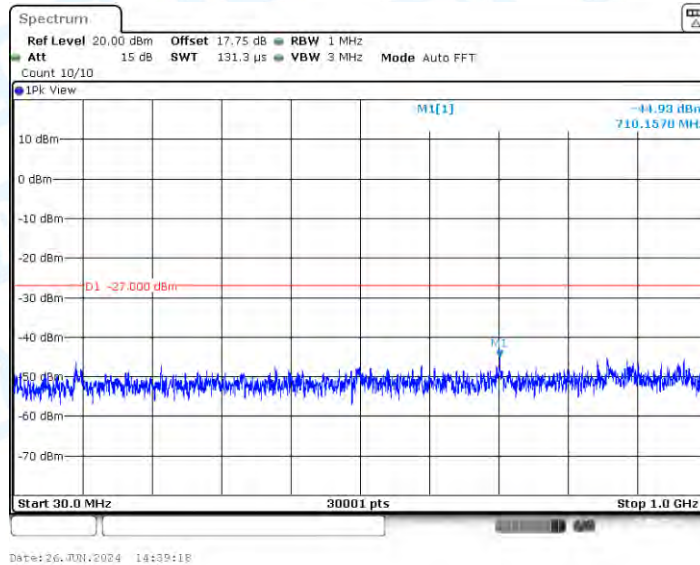
11AC40SISO_Ant1_5230_30~1000



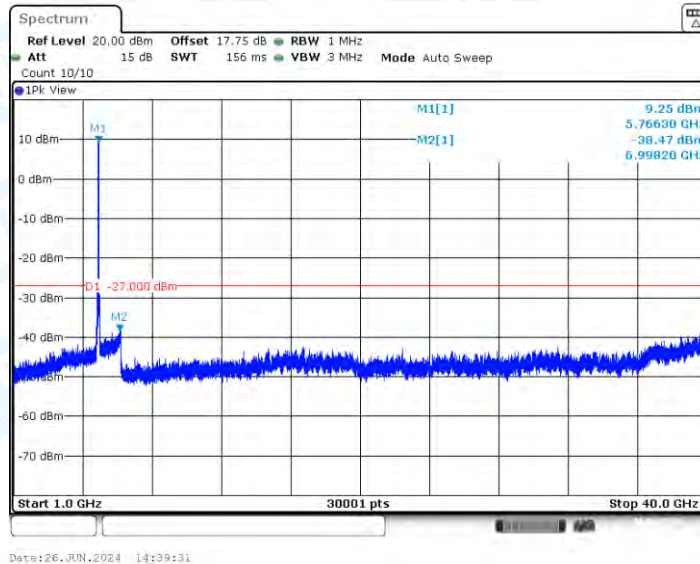
11AC40SISO_Ant1_5230_1000~40000



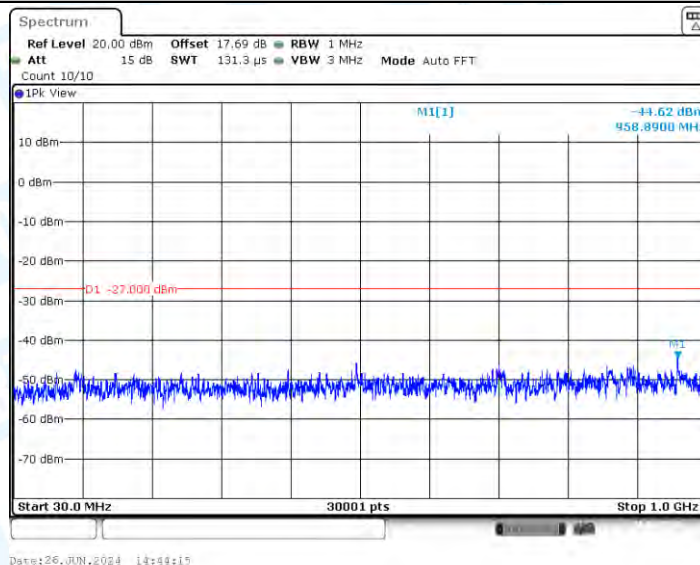
11AC40SISO_Ant1_5755_30~1000



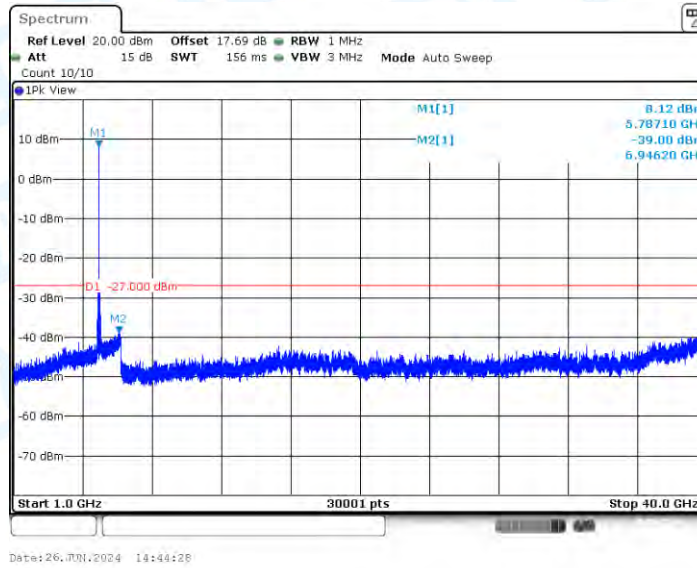
11AC40SISO_Ant1_5755_1000~40000



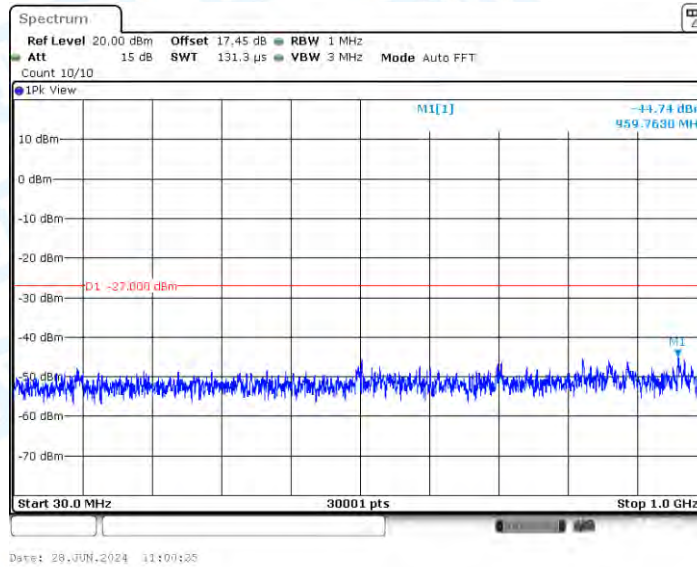
11AC40SISO_Ant1_5795_30~1000



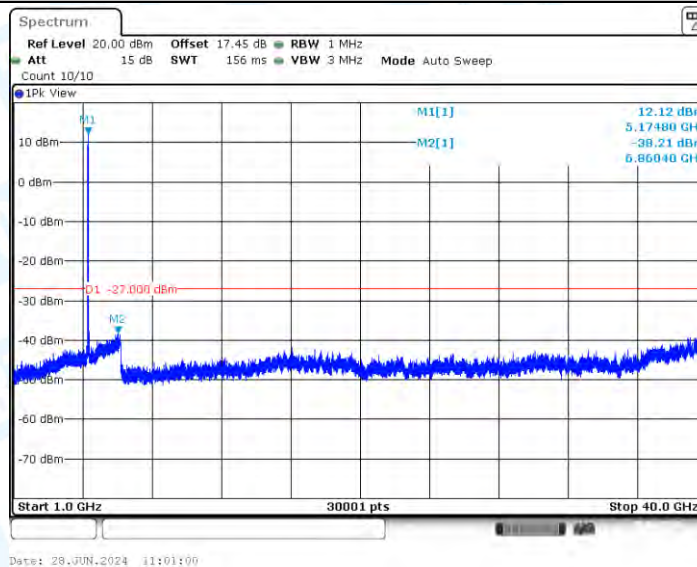
11AC40SISO_Ant1_5795_1000~40000



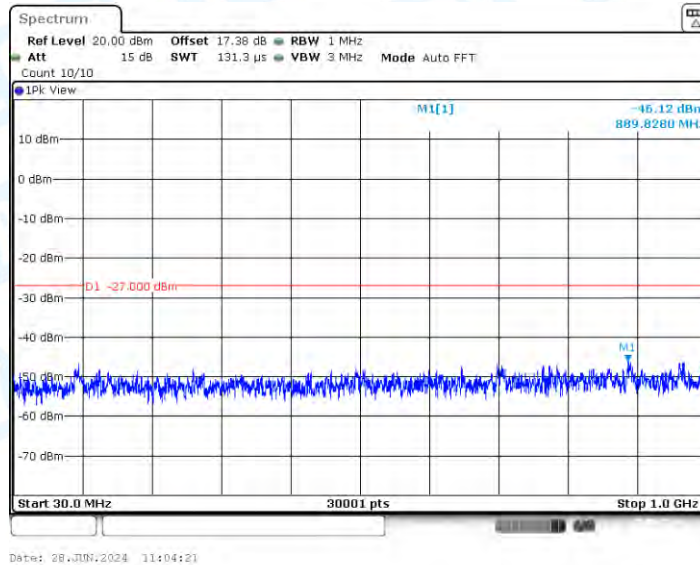
11AX20SISO_Ant1_5180_30~1000



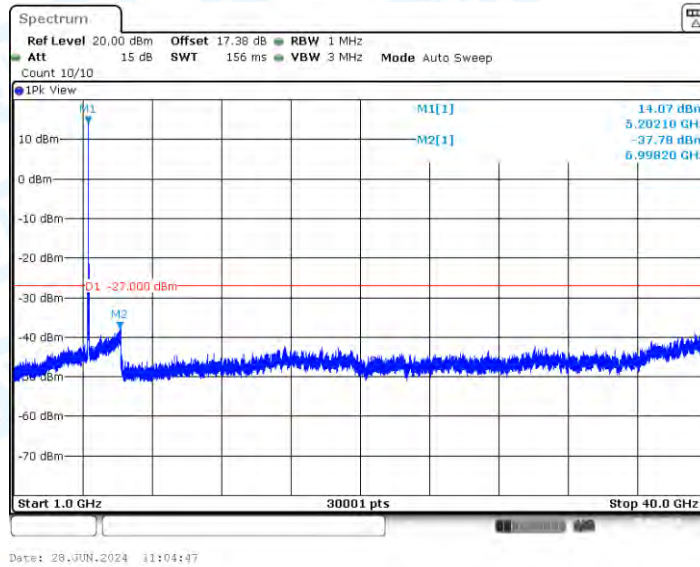
11AX20SISO_Ant1_5180_1000~40000



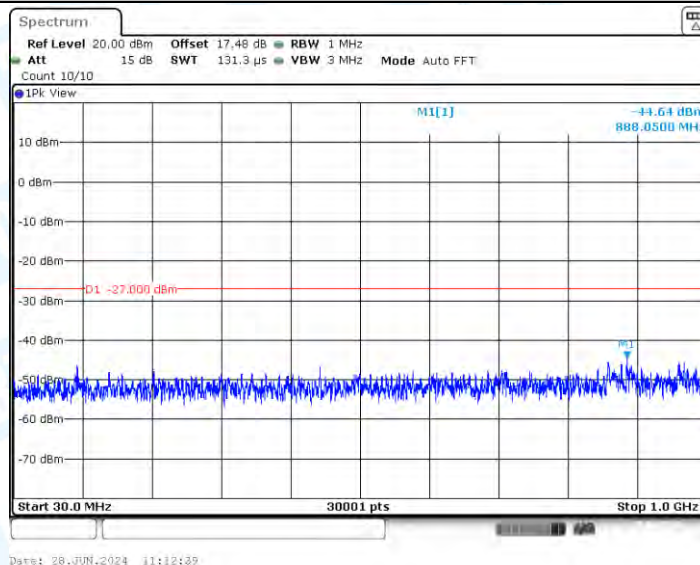
11AX20SISO_Ant1_5200_30~1000



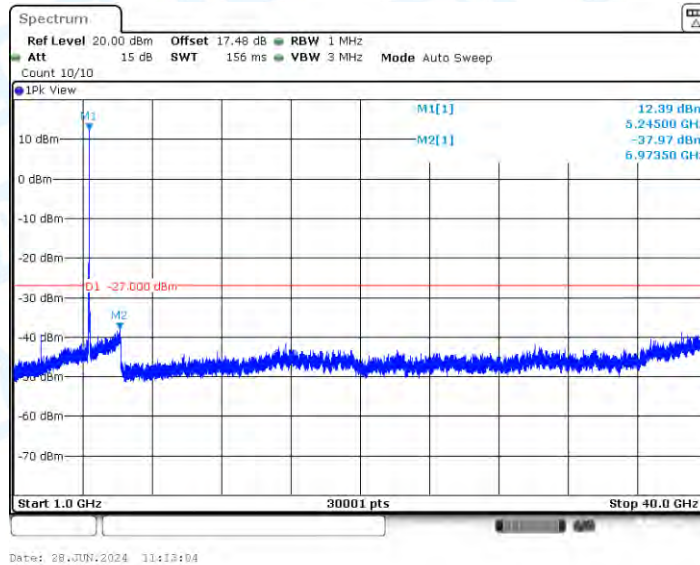
11AX20SISO_Ant1_5200_1000~40000



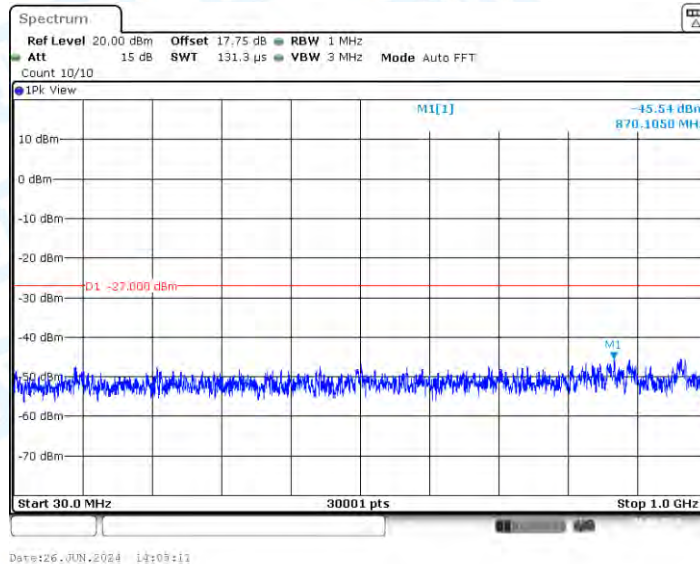
11AX20SISO_Ant1_5240_30~1000



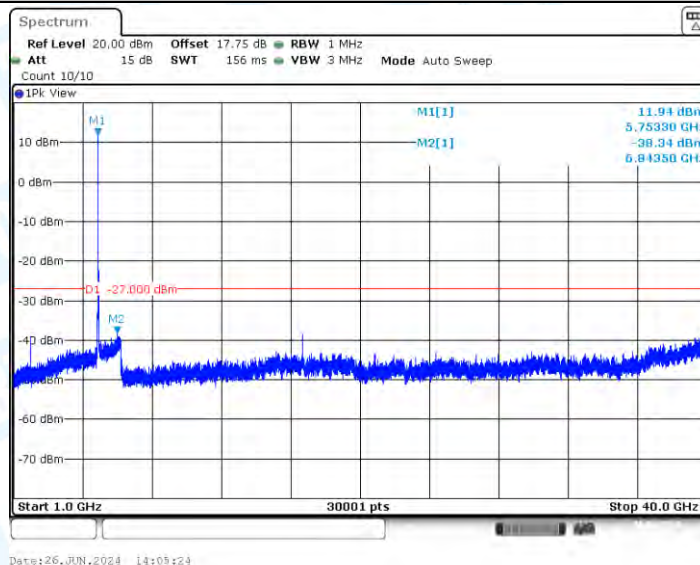
11AX20SISO_Ant1_5240_1000~40000



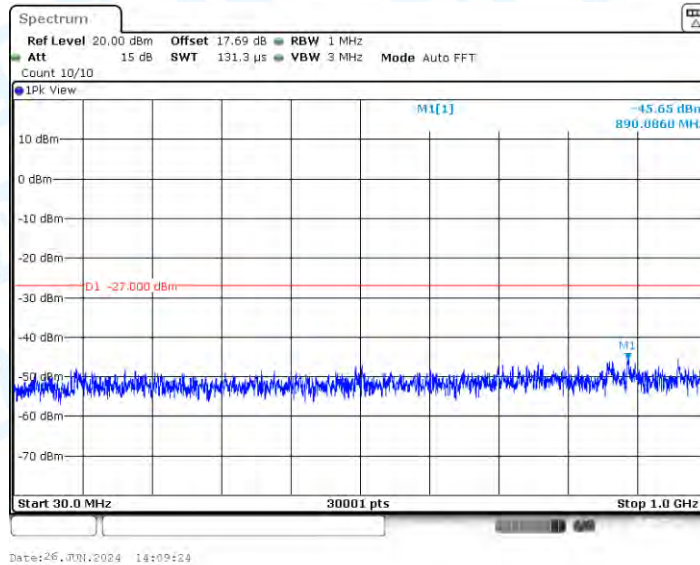
11AX20SISO_Ant1_5745_30~1000



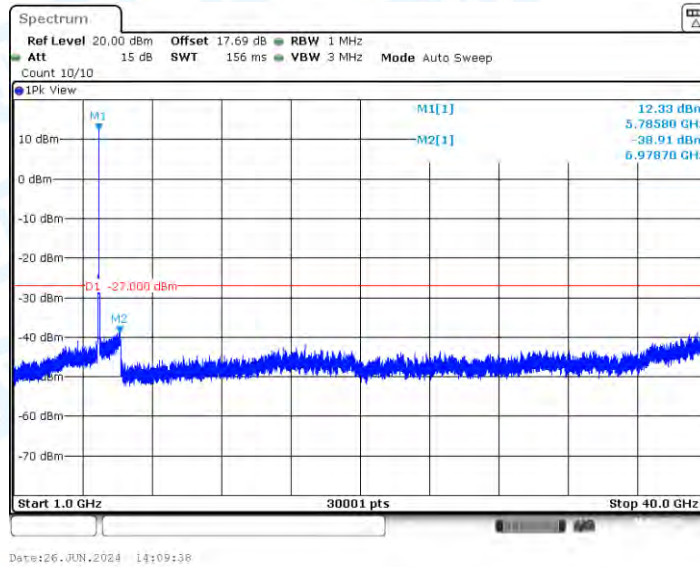
11AX20SISO_Ant1_5745_1000~40000



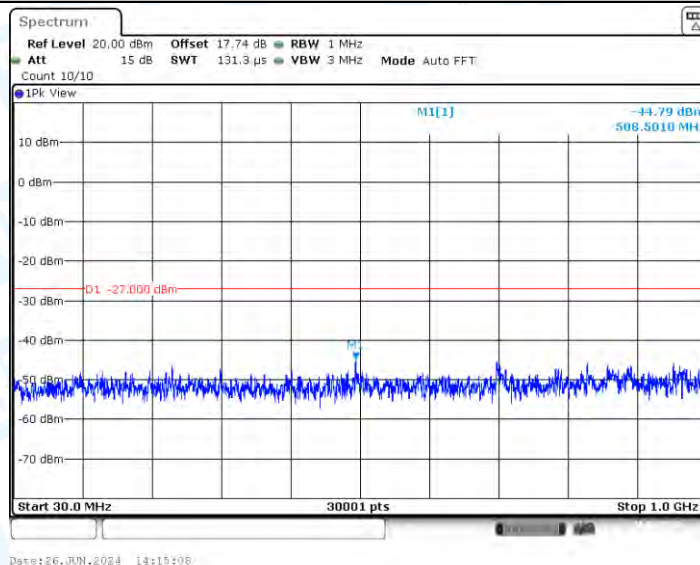
11AX20SISO_Ant1_5785_30~1000



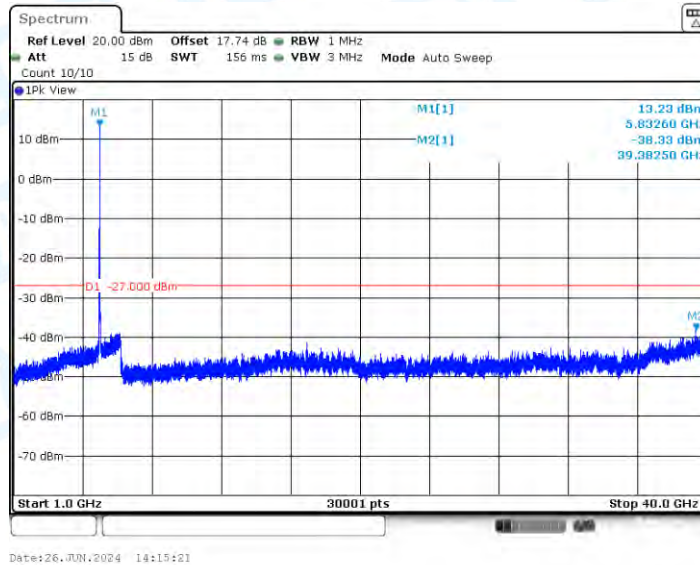
11AX20SISO_Ant1_5785_1000~40000



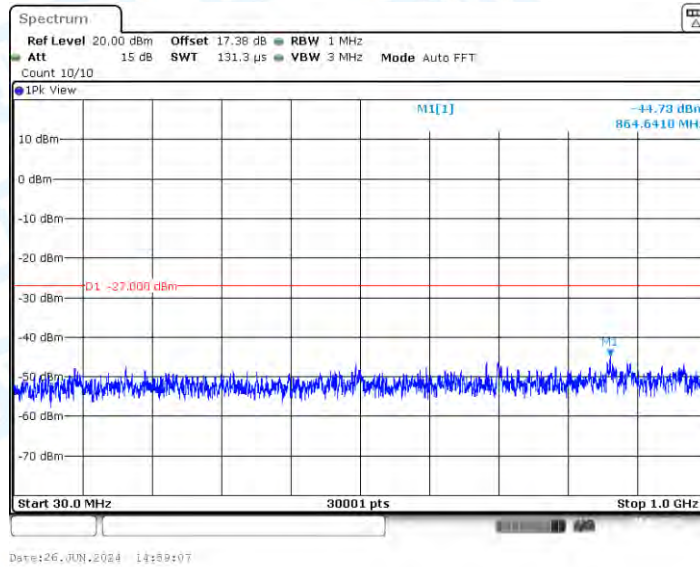
11AX20SISO_Ant1_5825_30~1000



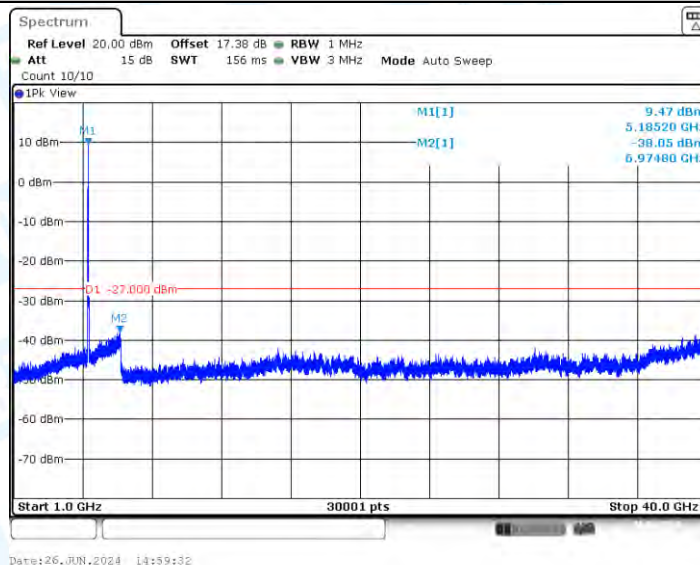
11AX20SISO_Ant1_5825_1000~40000



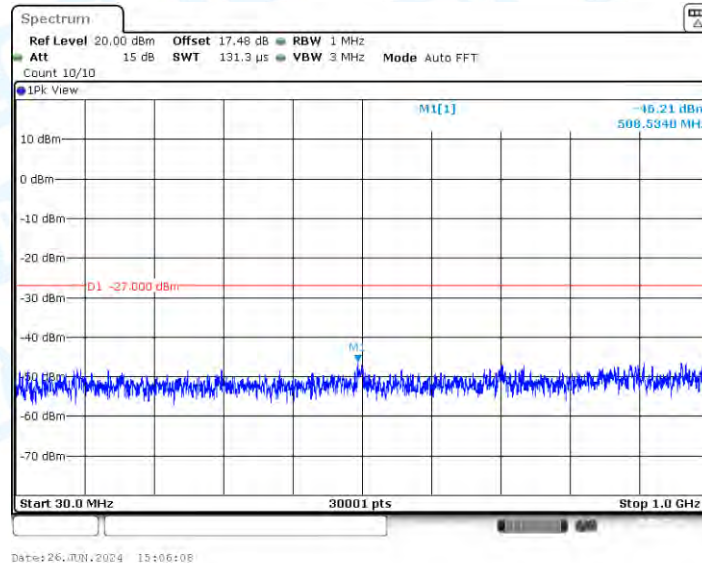
11AX40SISO_Ant1_5190_30~1000



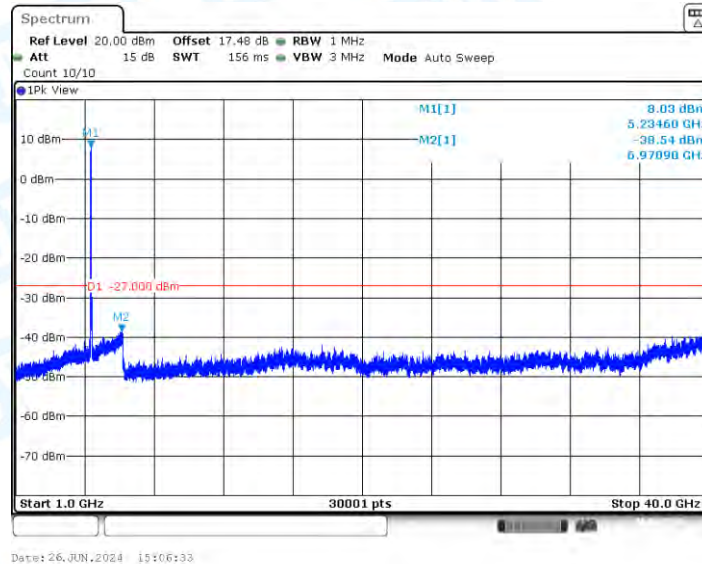
11AX40SISO_Ant1_5190_1000~40000



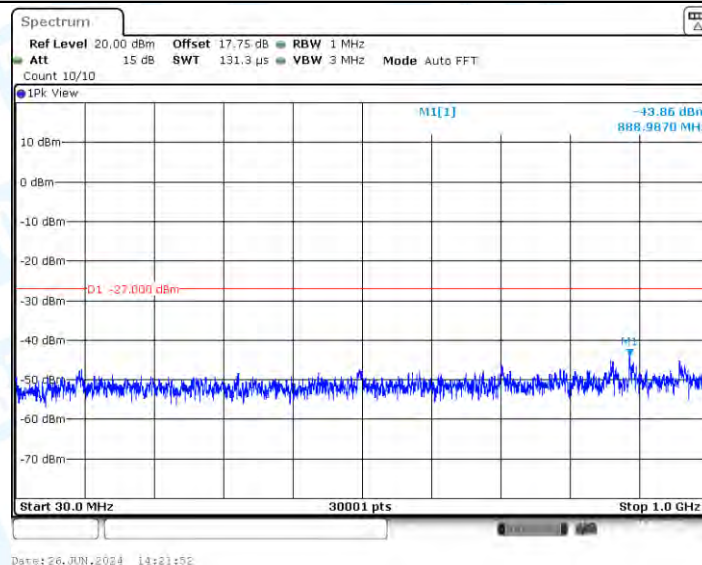
11AX40SISO_Ant1_5230_30~1000



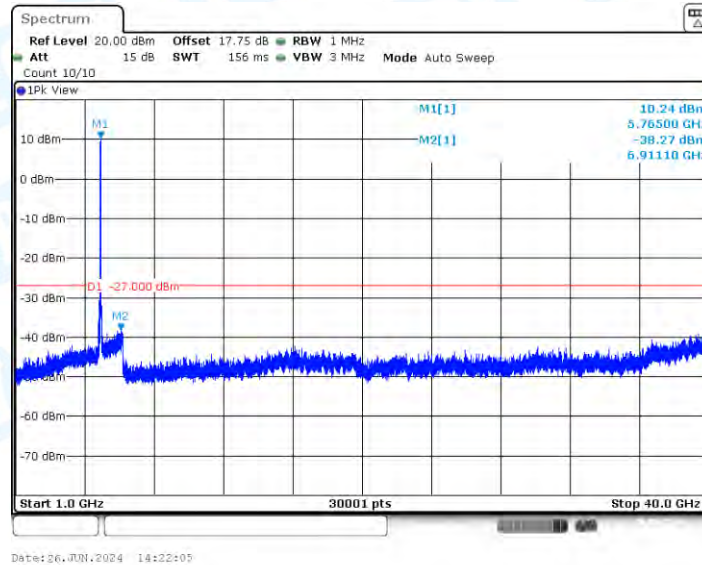
11AX40SISO_Ant1_5230_1000~40000



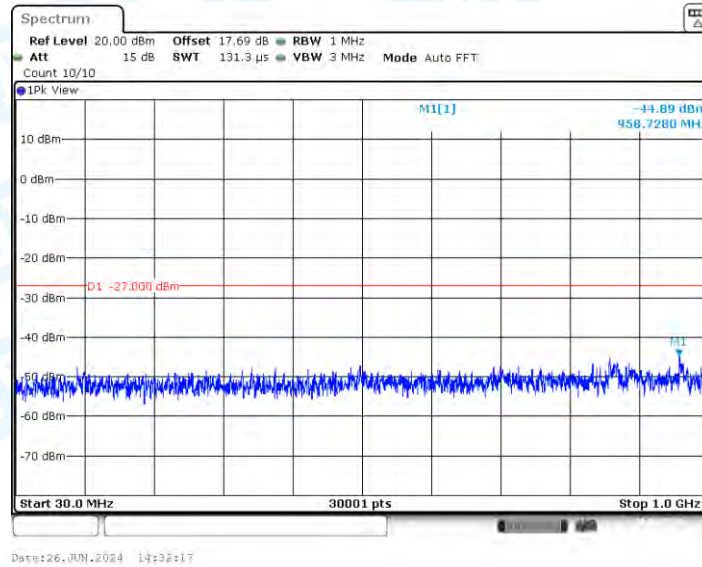
11AX40SISO_Ant1_5755_30~1000



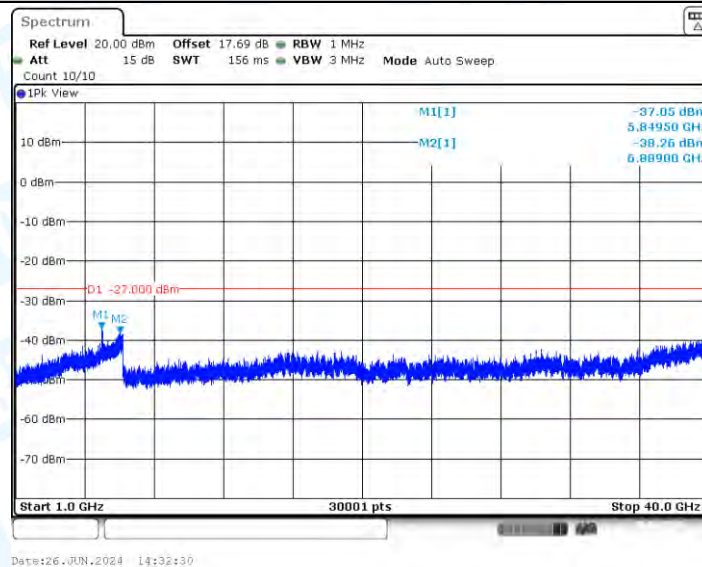
11AX40SISO_Ant1_5755_1000~40000



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
11AX20SISO	Ant1	5180	NV	NT	40000.00	7.722008	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	40000.00	7.722008	20	PASS
		5200	NV	NT	20000.00	3.846154	20	PASS
			LV	NT	20000.00	3.846154	20	PASS
			HV	NT	40000.00	7.692308	20	PASS
		5240	NV	NT	40000.00	7.633588	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	20000.00	3.481288	20	PASS
			HV	NT	40000.00	6.962576	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
		5825	NV	NT	20000.00	3.433476	20	PASS
			LV	NT	20000.00	3.433476	20	PASS
			HV	NT	20000.00	3.433476	20	PASS
11AX40SISO	Ant1	5190	NV	NT	40000.00	7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	15.296367	20	PASS
			HV	NT	40000.00	7.648184	20	PASS
		5755	NV	NT	40000.00	6.950478	20	PASS
			LV	NT	40000.00	6.950478	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	40000.00	6.902502	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20SISO	Ant1	5180	NV	0	20000.00	3.861004	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	60000.00	11.583012	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	45	20000.00	3.861004	20	PASS

		5200	NV	0	20000.00	3.846154	20	PASS
			NV	10	40000.00	7.692308	20	PASS
			NV	20	20000.00	3.846154	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	40000.00	7.692308	20	PASS
		5240	NV	0	80000.00	15.267176	20	PASS
			NV	10	20000.00	3.816794	20	PASS
			NV	20	40000.00	7.633588	20	PASS
			NV	30	20000.00	3.816794	20	PASS
			NV	45	40000.00	7.633588	20	PASS
		5745	NV	0	100000.00	17.406440	20	PASS
			NV	10	20000.00	3.481288	20	PASS
			NV	20	20000.00	3.481288	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	40000.00	6.914434	20	PASS
			NV	45	20000.00	3.457217	20	PASS
		5825	NV	0	20000.00	3.433476	20	PASS
			NV	10	60000.00	10.300429	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
11AX40SISO	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	-40000.00	-7.648184	20	PASS
			NV	20	40000.00	7.648184	20	PASS
			NV	30	40000.00	7.648184	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5755	NV	0	-40000.00	-6.950478	20	PASS
			NV	10	-40000.00	-6.950478	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
		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	40000.00	6.902502	20	PASS
			NV	45	0.00	0.000000	20	PASS

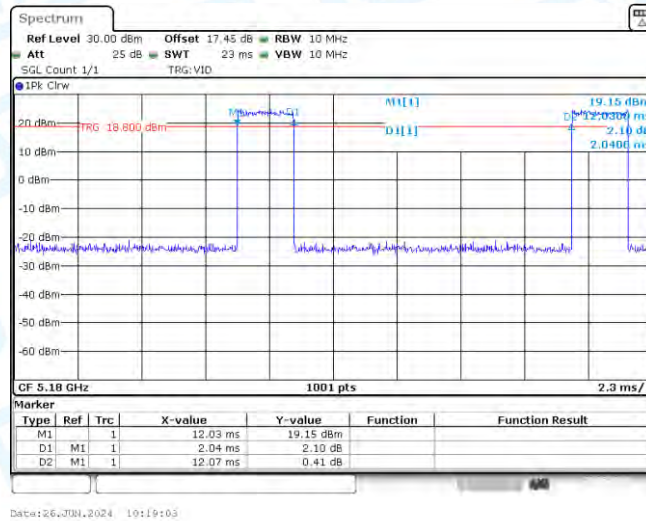
10. Duty Cycle

10.1.Test Result

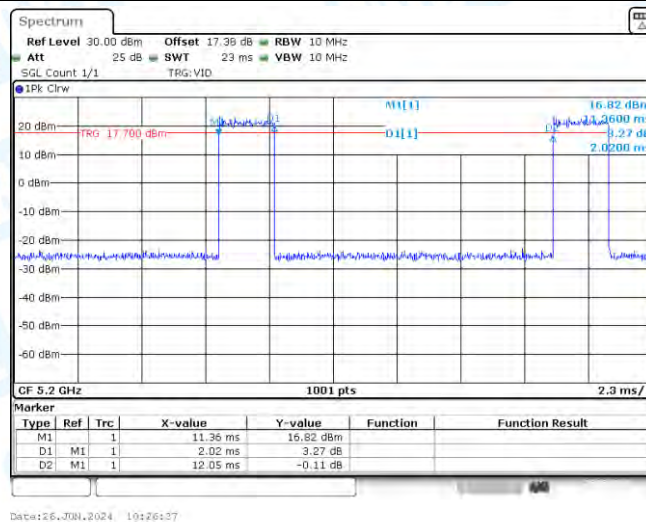
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	2.04	12.07	16.90	---	---
		5200	2.02	12.05	16.76	---	---
		5240	2.04	12.07	16.90	---	---
		5745	2.02	12.05	16.76	---	---
		5785	2.04	12.07	16.90	---	---
		5825	2.04	12.07	16.90	---	---
11N20SISO	Ant1	5180	1.89	11.91	15.87	---	---
		5200	1.89	11.91	15.87	---	---
		5240	1.89	11.91	15.87	---	---
		5745	1.88	11.91	15.79	---	---
		5785	1.89	11.91	15.87	---	---
		5825	1.89	11.91	15.87	---	---
11N40SISO	Ant1	5190	0.96	10.96	8.76	---	---
		5230	0.94	10.96	8.58	---	---
		5755	0.92	10.96	8.39	---	---
		5795	0.92	10.96	8.39	---	---
11AC20SISO	Ant1	5180	1.92	11.96	16.05	---	---
		5200	1.92	11.96	16.05	---	---
		5240	1.88	11.92	15.77	---	---
		5745	1.92	11.96	16.05	---	---
		5785	1.88	11.92	15.77	---	---
		5825	1.88	11.92	15.77	---	---
11AC40SISO	Ant1	5190	0.92	10.96	8.39	---	---
		5230	0.92	10.96	8.39	---	---
		5755	0.92	10.96	8.39	---	---
		5795	0.92	10.96	8.39	---	---
11AX20SISO	Ant1	5180	1.44	11.48	12.54	---	---
		5200	1.44	11.48	12.54	---	---
		5240	1.44	11.48	12.54	---	---
		5745	1.44	11.48	12.54	---	---
		5785	1.44	11.48	12.54	---	---
		5825	1.44	11.48	12.54	---	---
11AX40SISO	Ant1	5190	0.76	10.80	7.04	---	---
		5230	0.76	10.80	7.04	---	---
		5755	0.76	10.80	7.04	---	---
		5795	0.76	10.80	7.04	---	---

10.2.Test Graphs

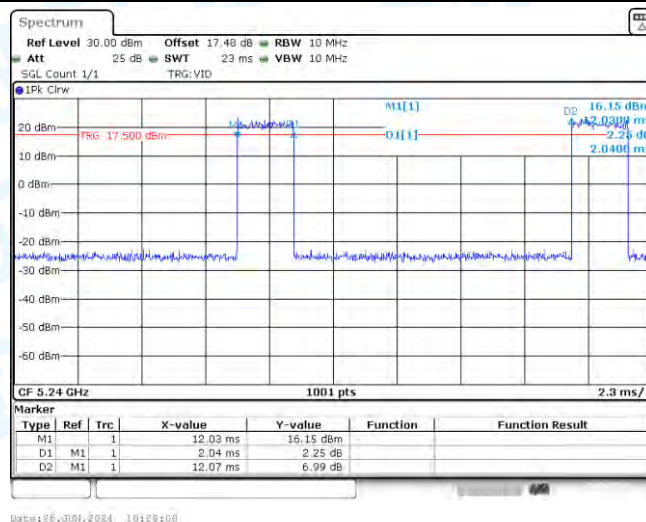
11A_Ant1_5180



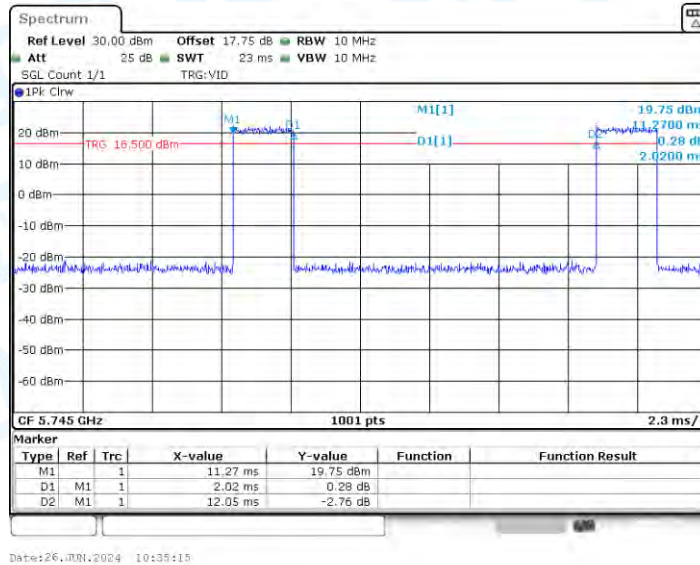
11A_Ant1_5200



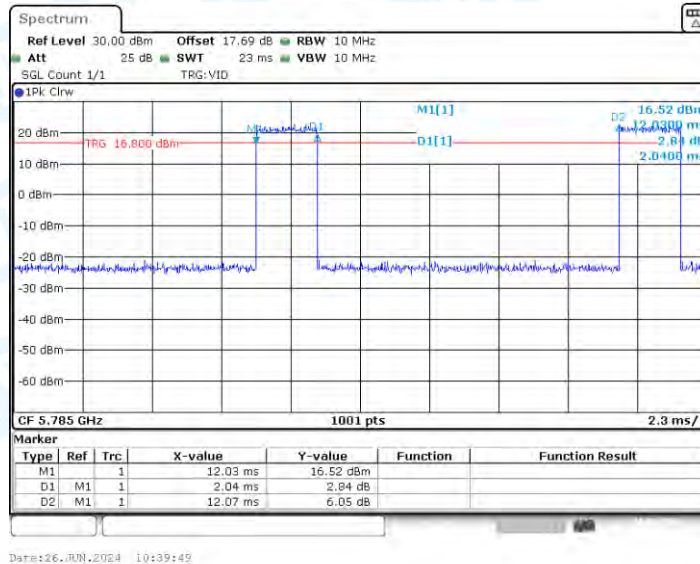
11A_Ant1_5240



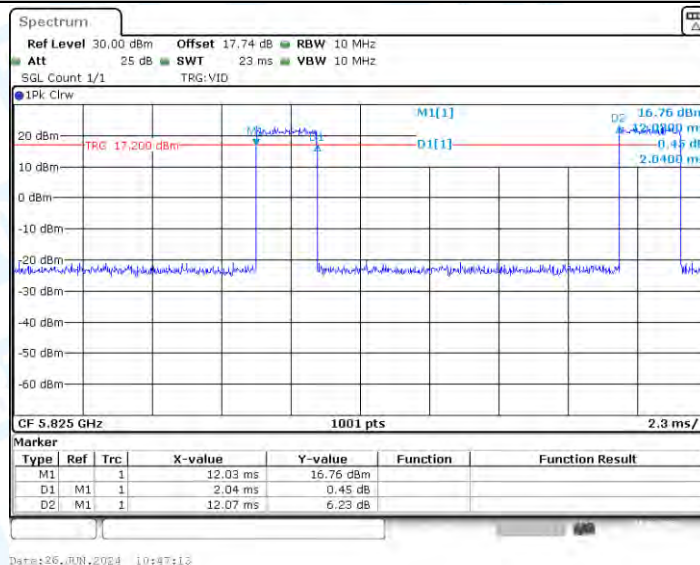
11A_Ant1_5745



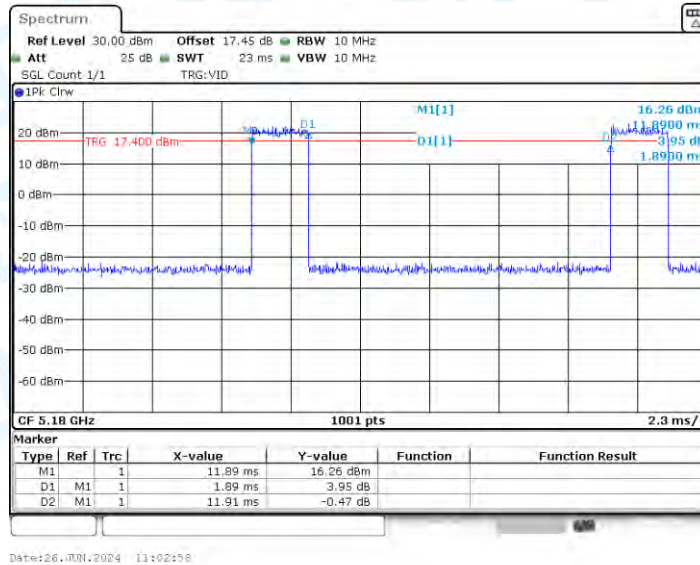
11A_Ant1_5785



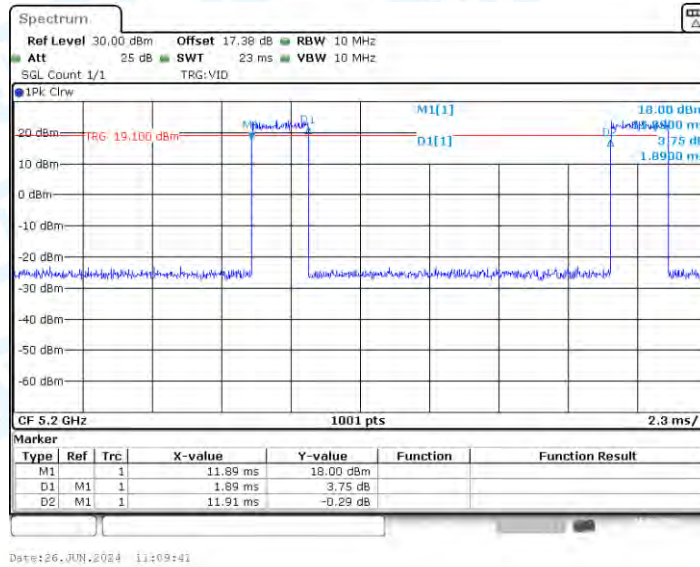
11A_Ant1_5825



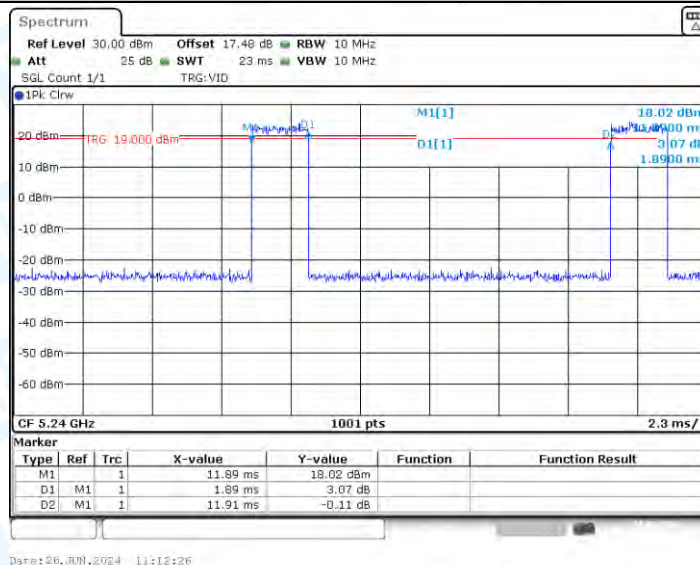
11N20SISO_Ant1_5180



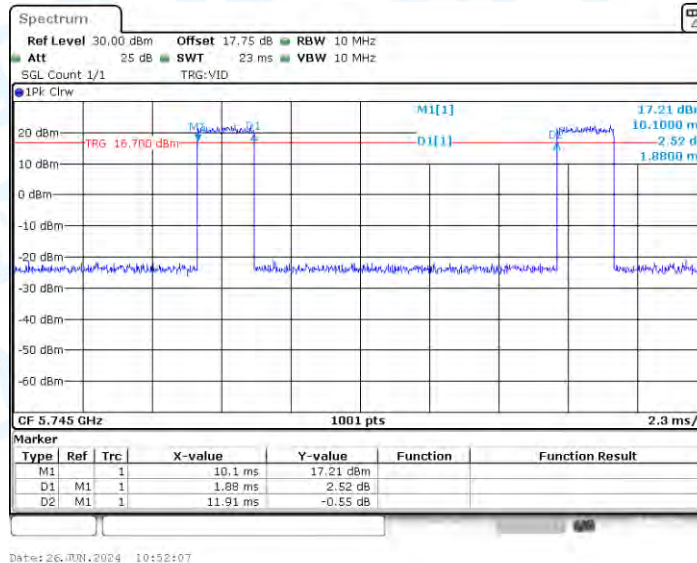
11N20SISO_Ant1_5200



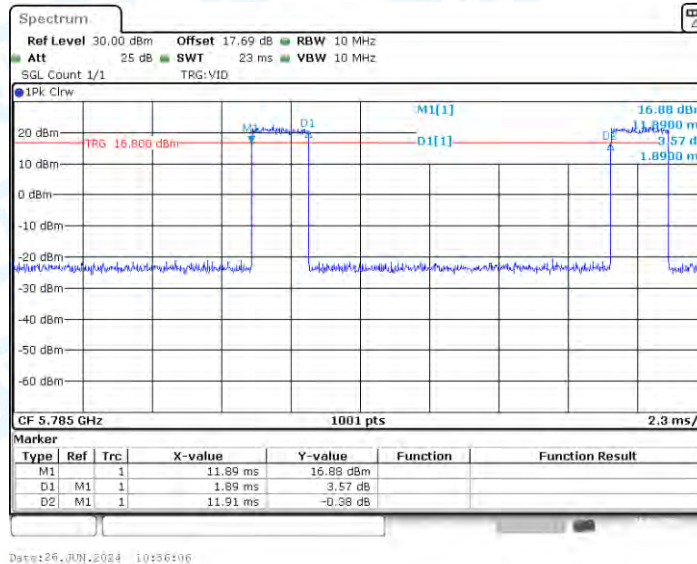
11N20SISO_Ant1_5240



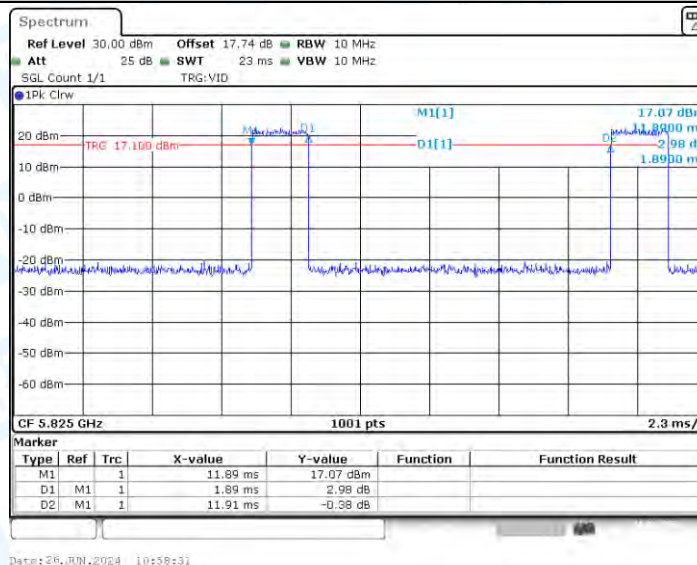
11N20SISO_Ant1_5745



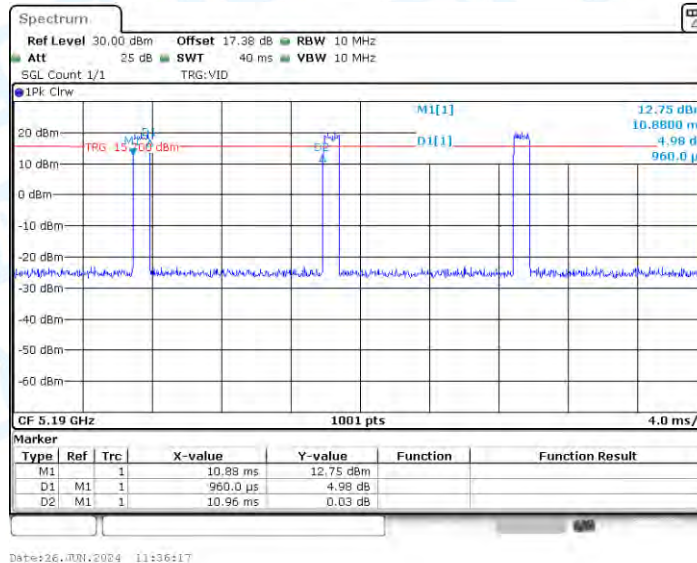
11N20SISO_Ant1_5785



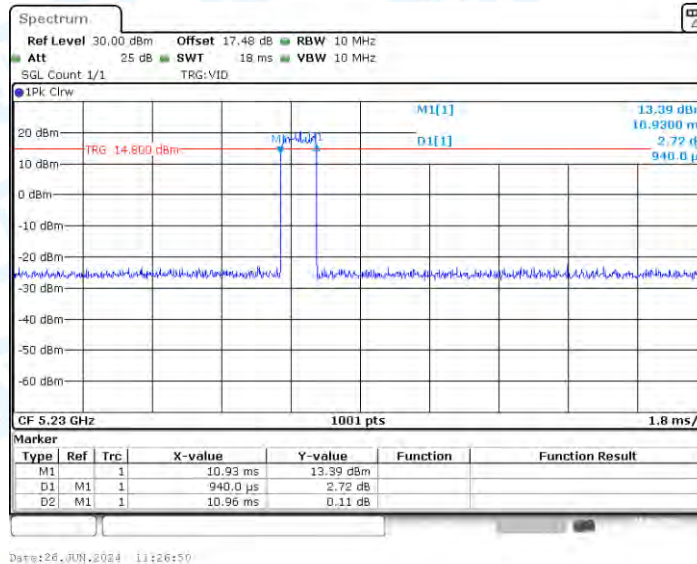
11N20SISO_Ant1_5825



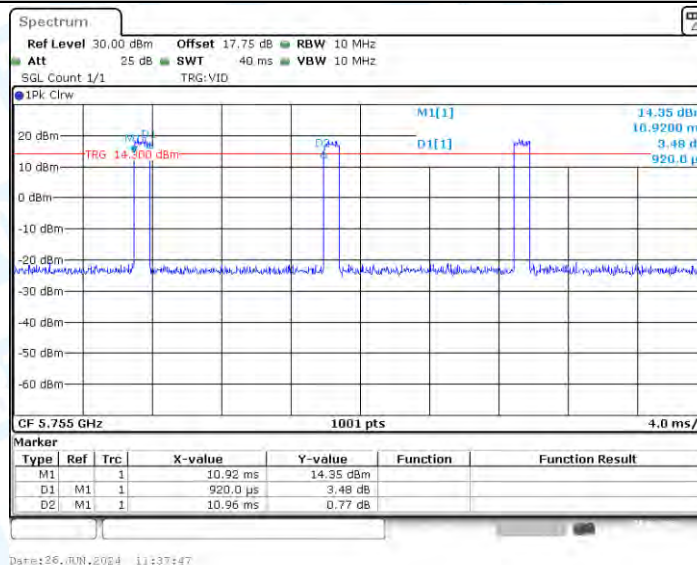
11N40SISO_Ant1_5190



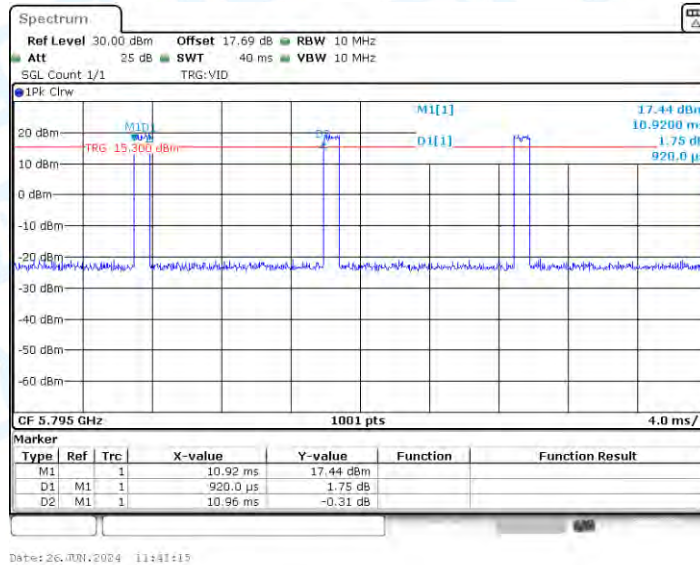
11N40SISO_Ant1_5230



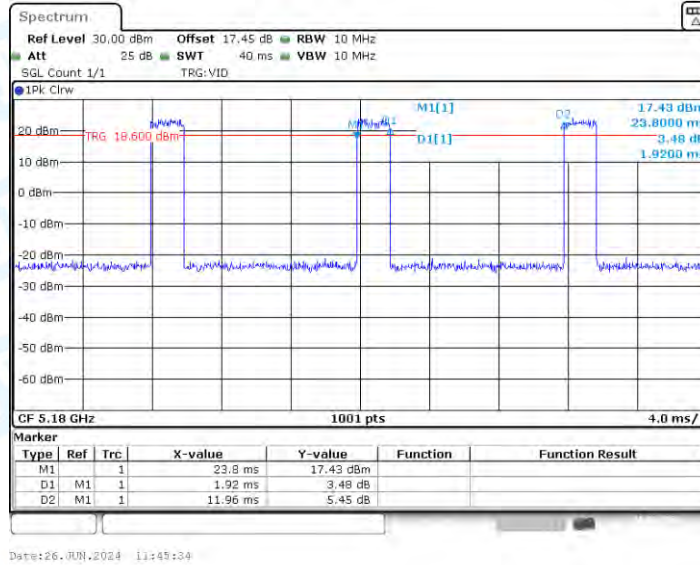
11N40SISO_Ant1_5755



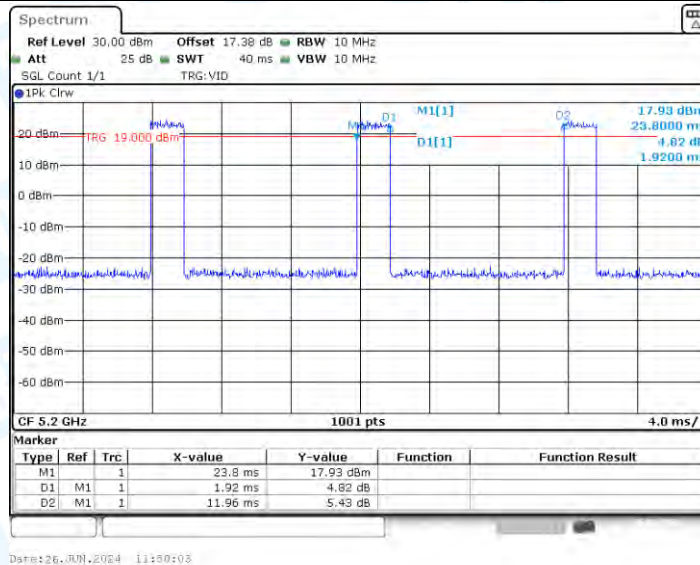
11N40SISO_Ant1_5795



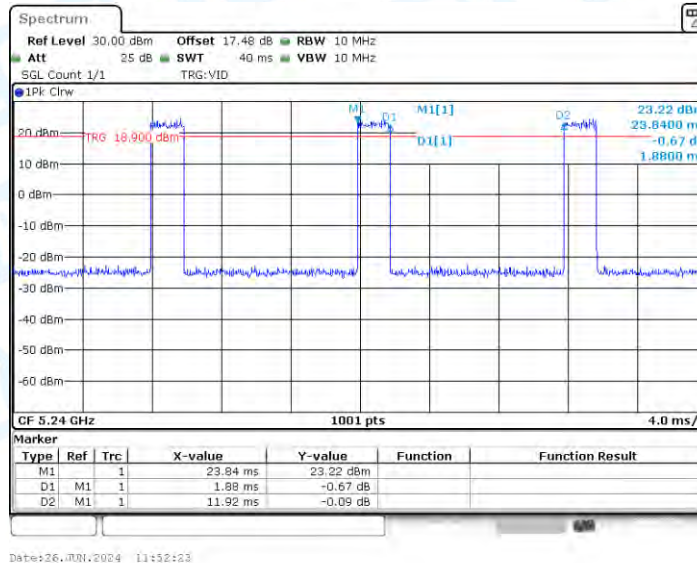
11AC20SISO_Ant1_5180



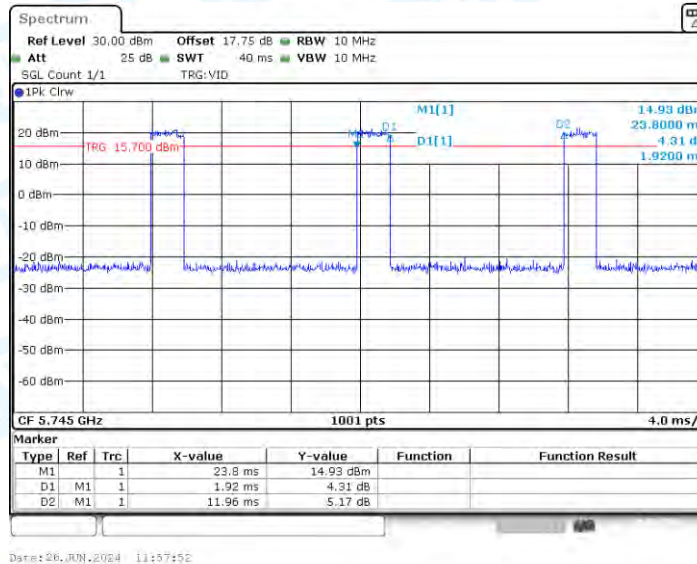
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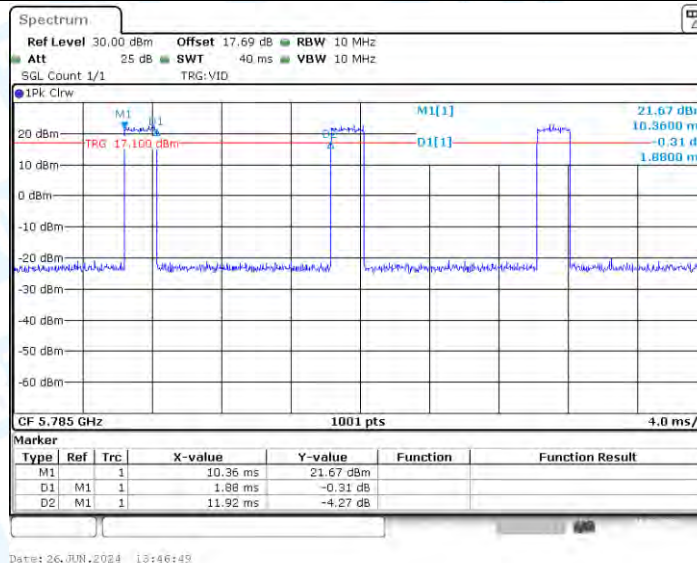
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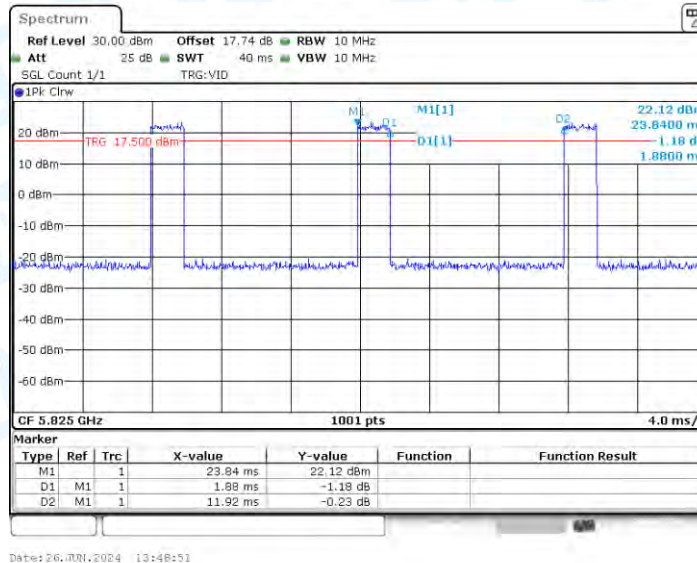
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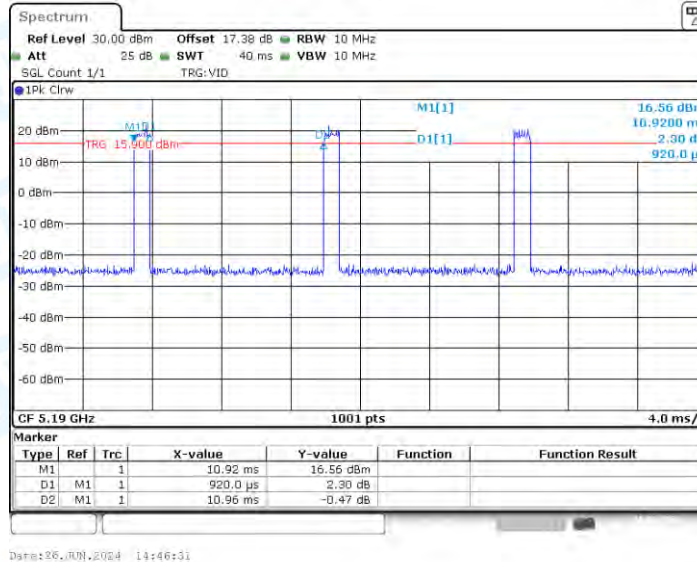
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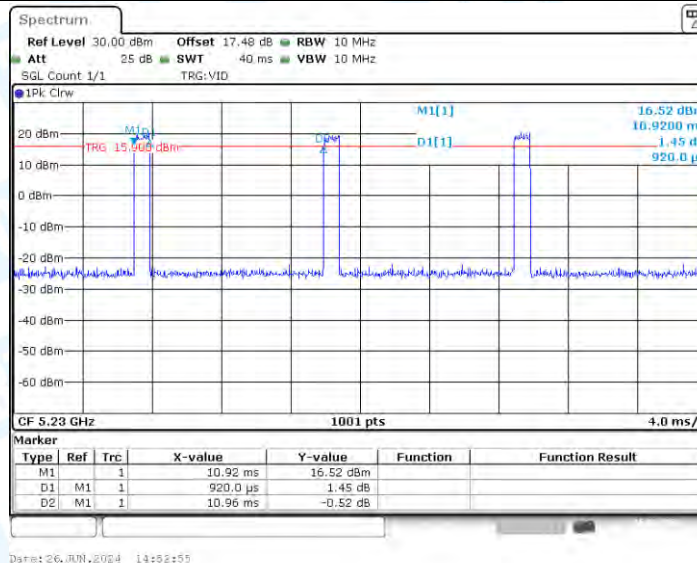
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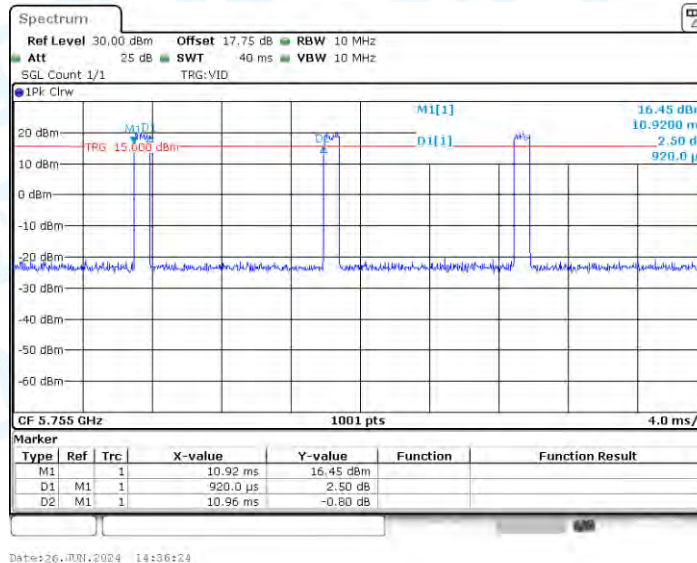
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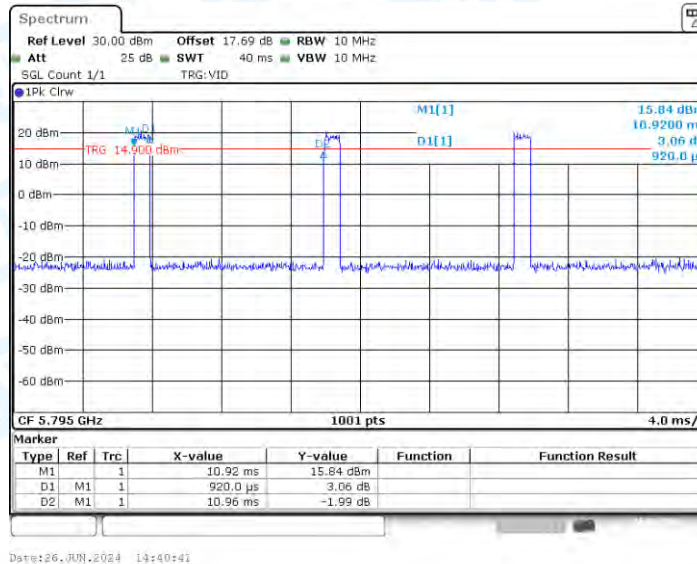
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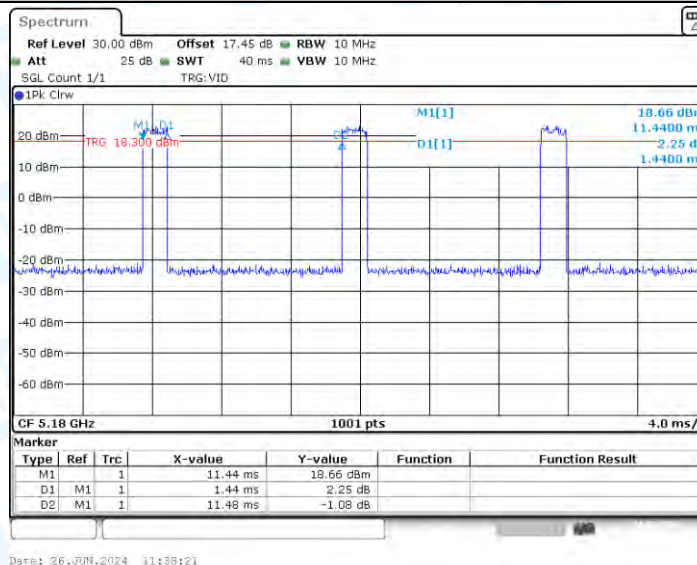
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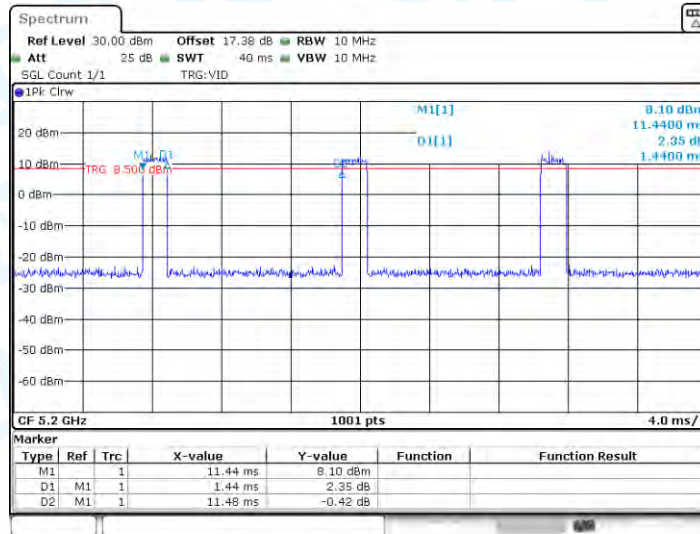
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11AX20SISO_Ant1_5180

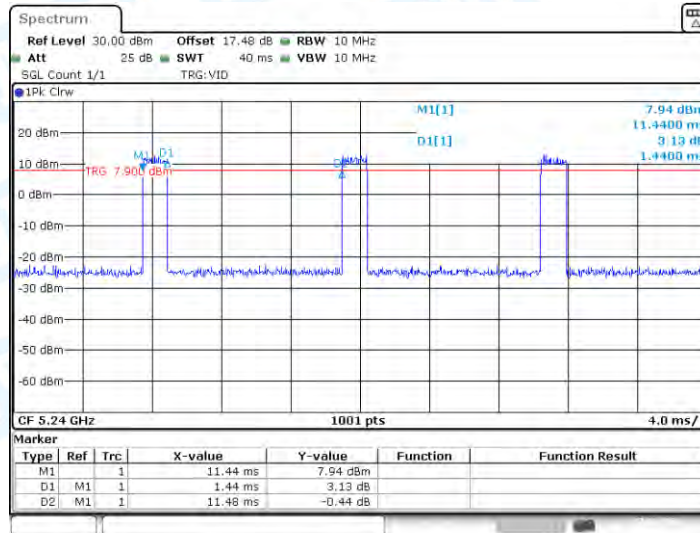


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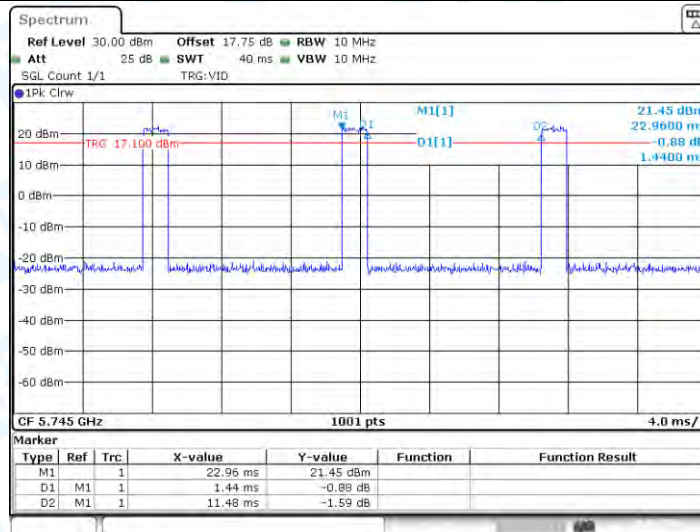
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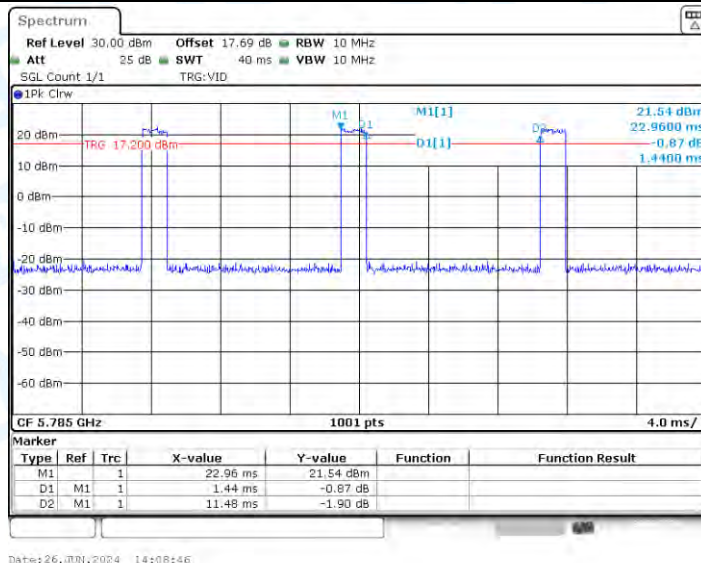
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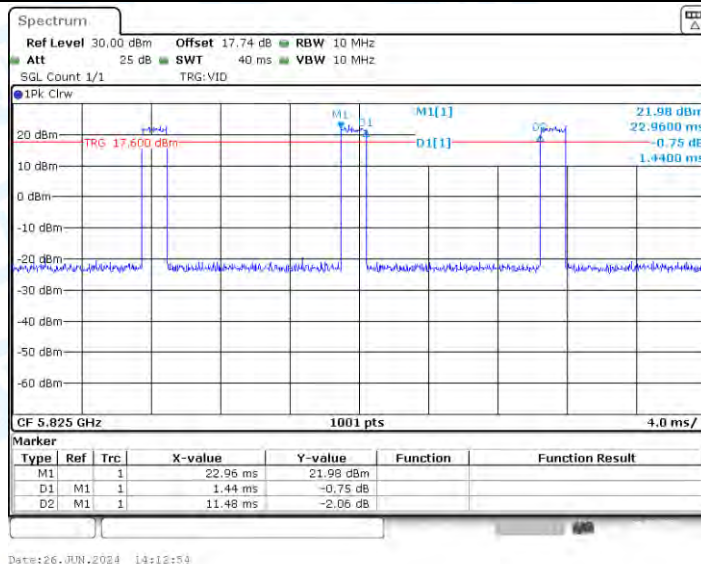


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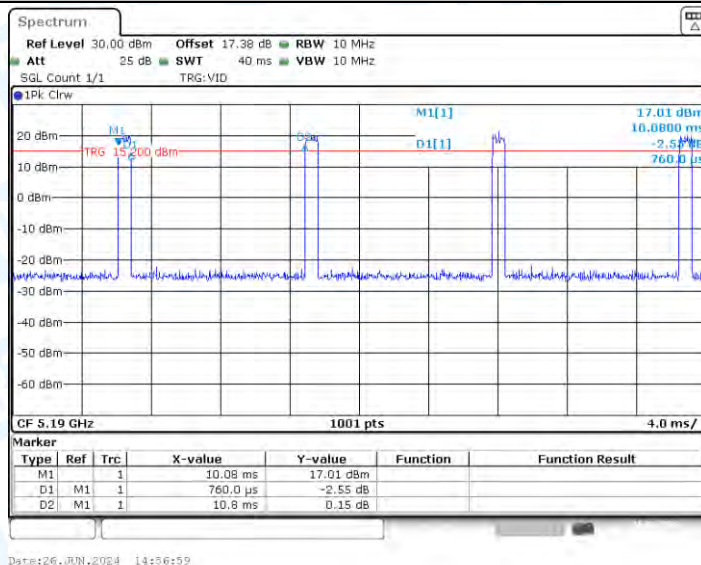
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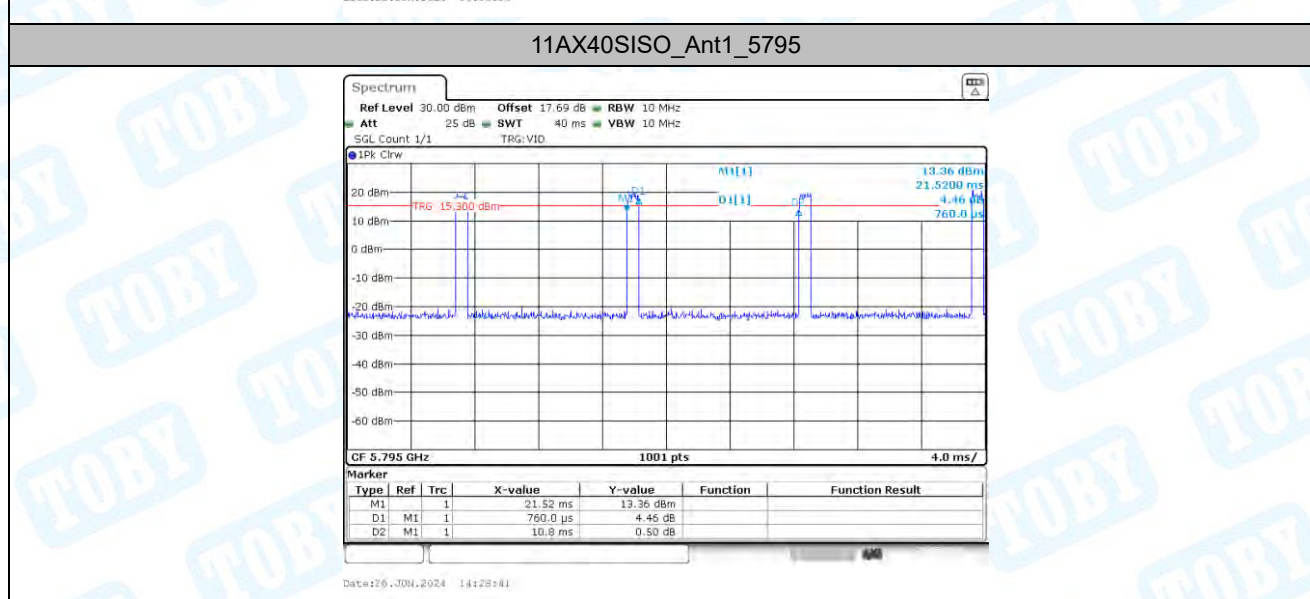
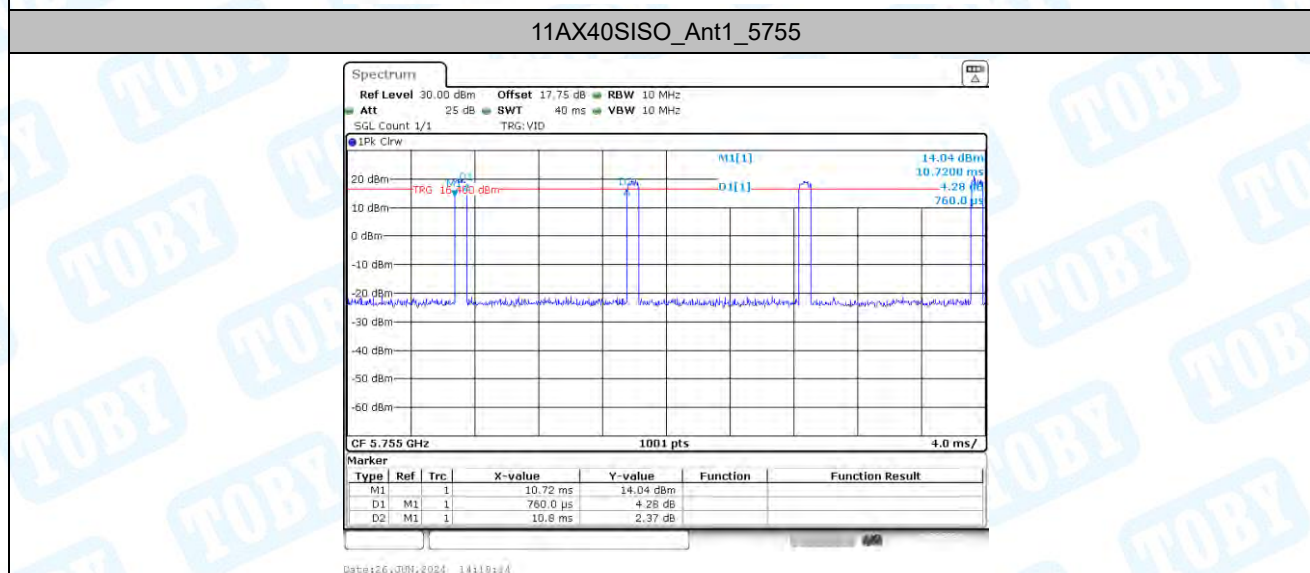
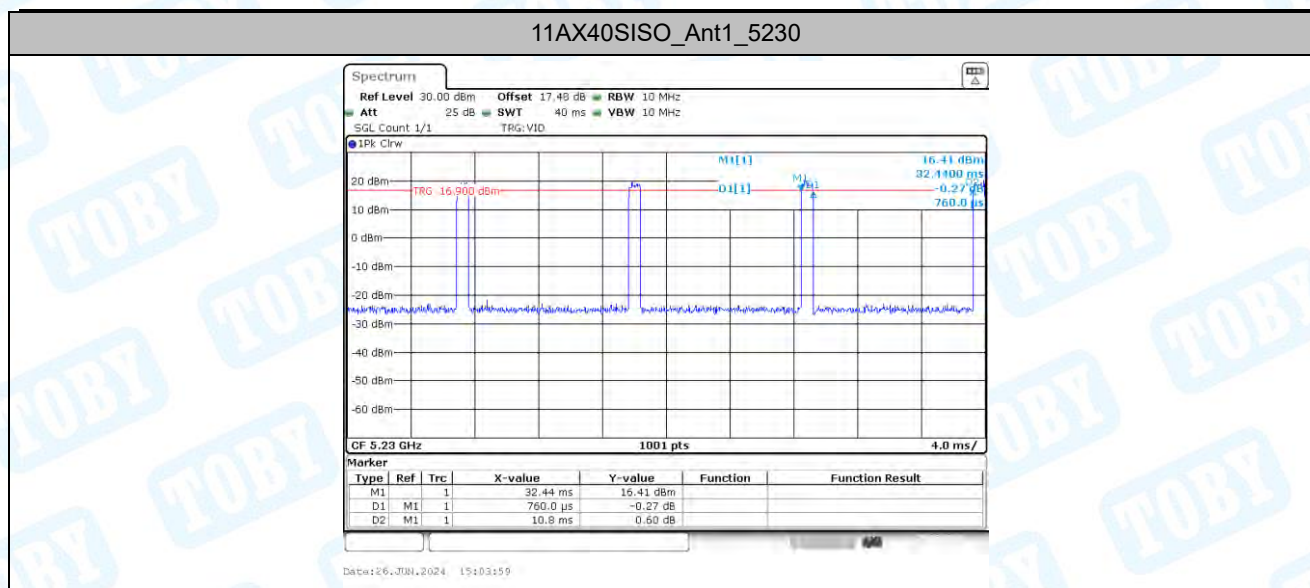


11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190





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