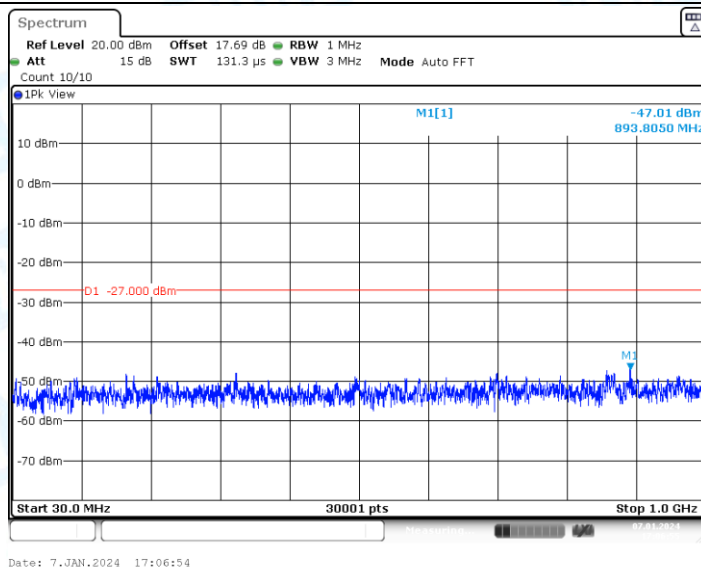
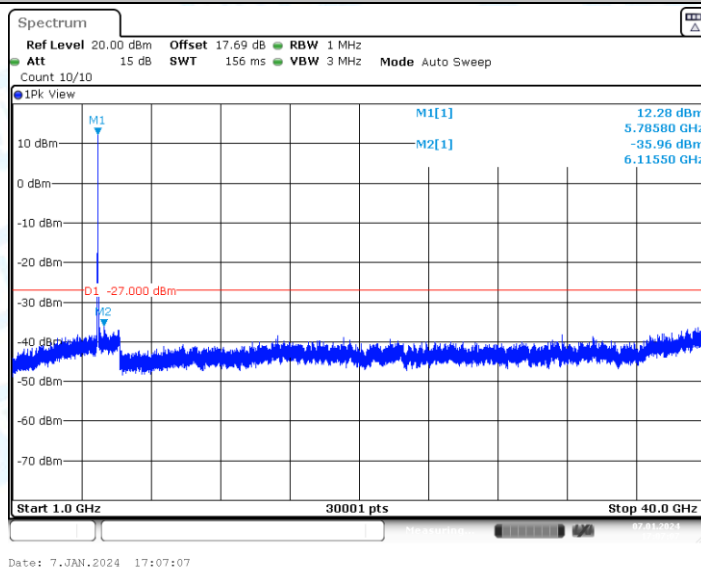
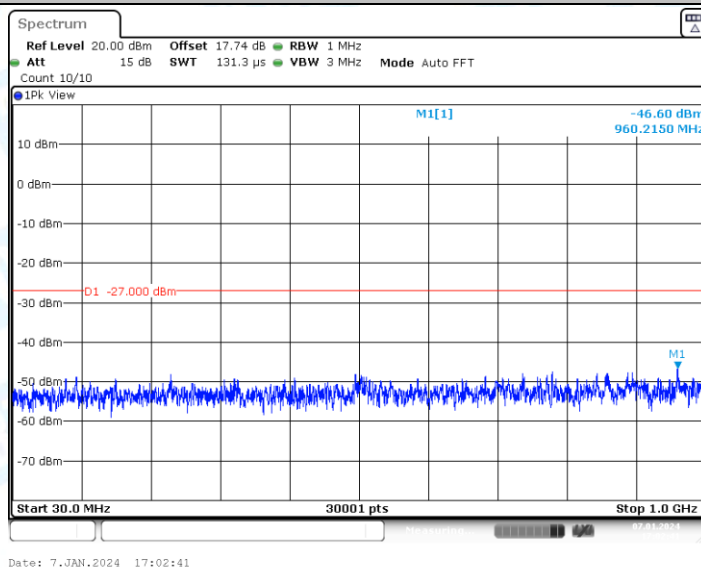




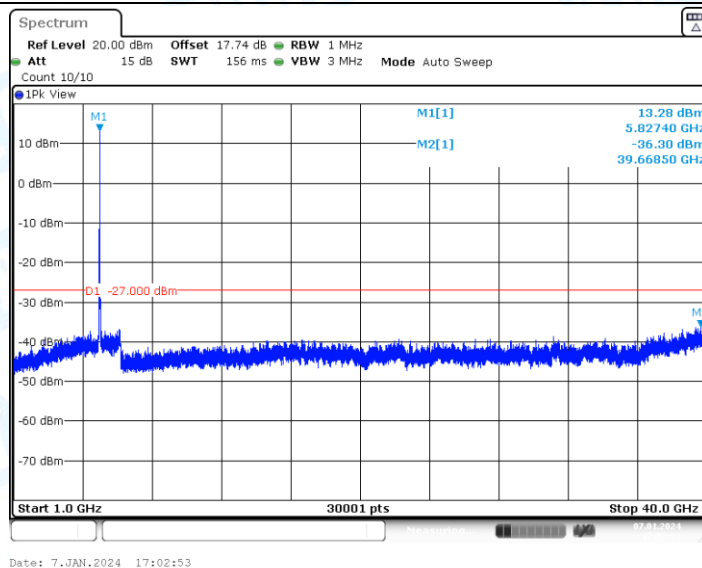
11N20SISO_Ant1_5785_1000~40000



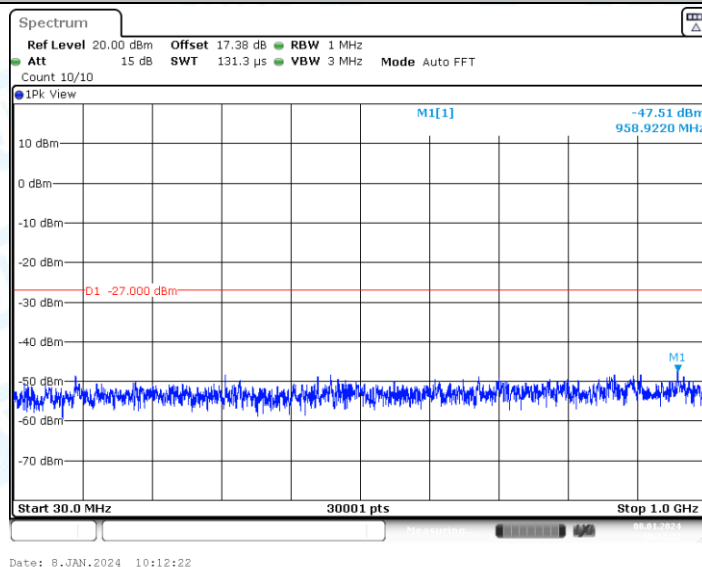
11N20SISO_Ant1_5825_30~1000



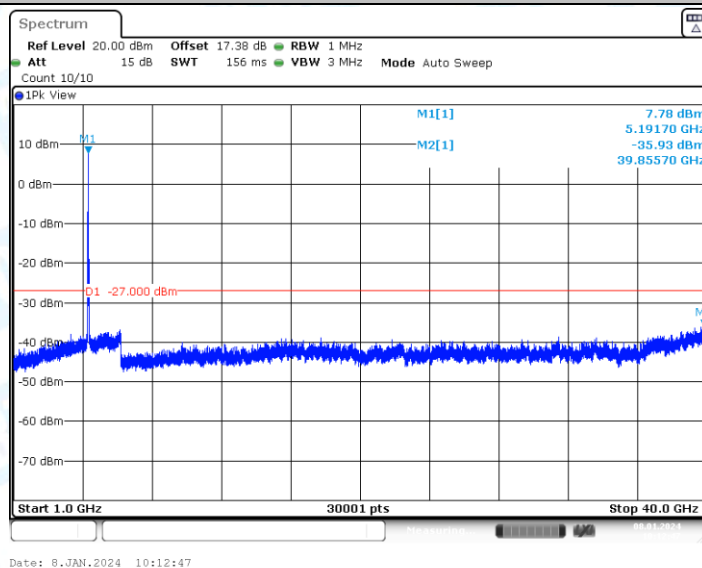
11N20SISO_Ant1_5825_1000~40000



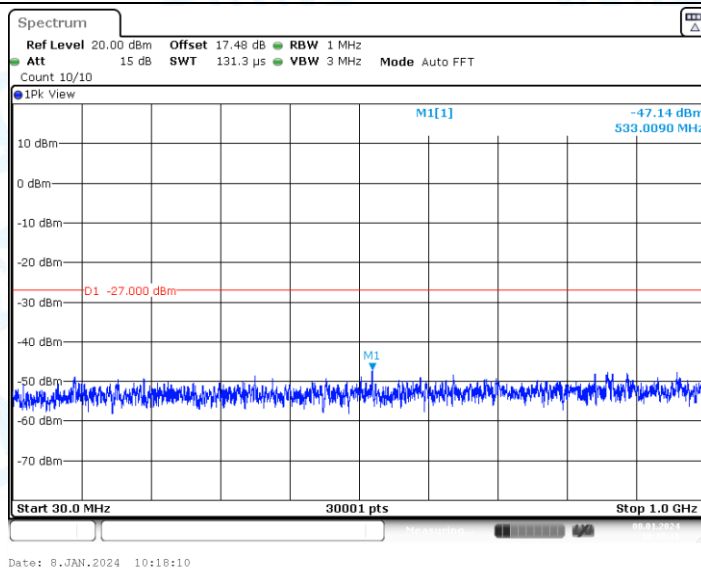
11N40SISO_Ant1_5190_30~1000



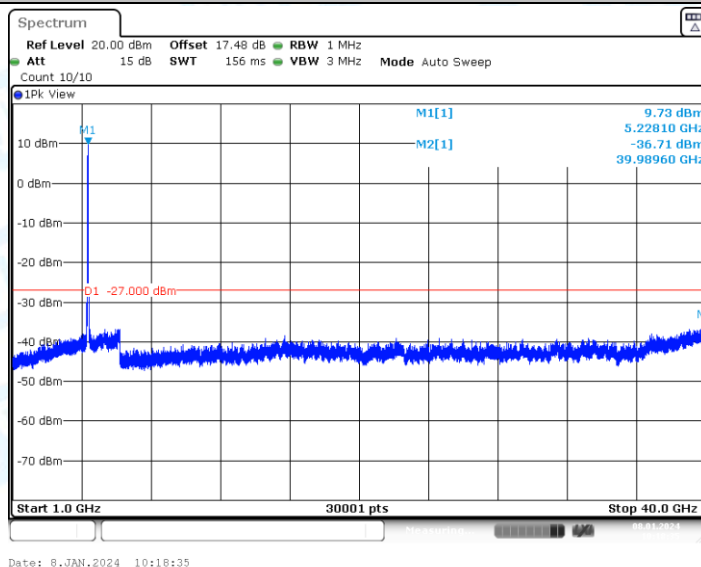
11N40SISO_Ant1_5190_1000~40000



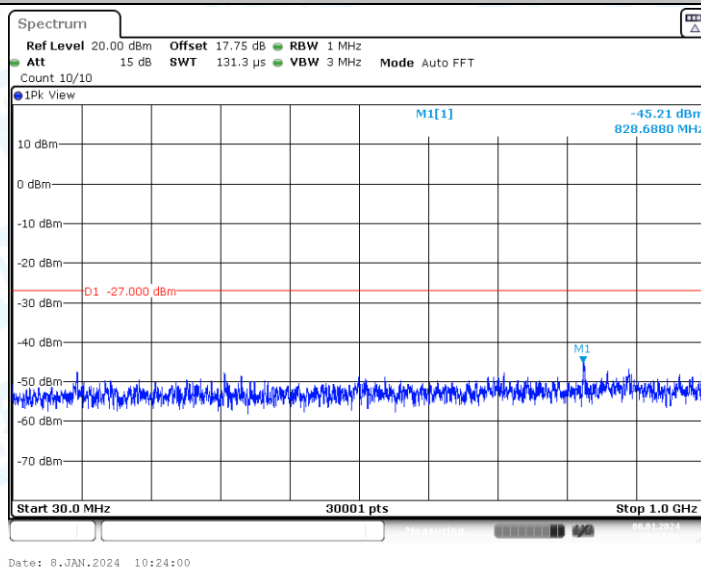
11N40SISO_Ant1_5230_30~1000



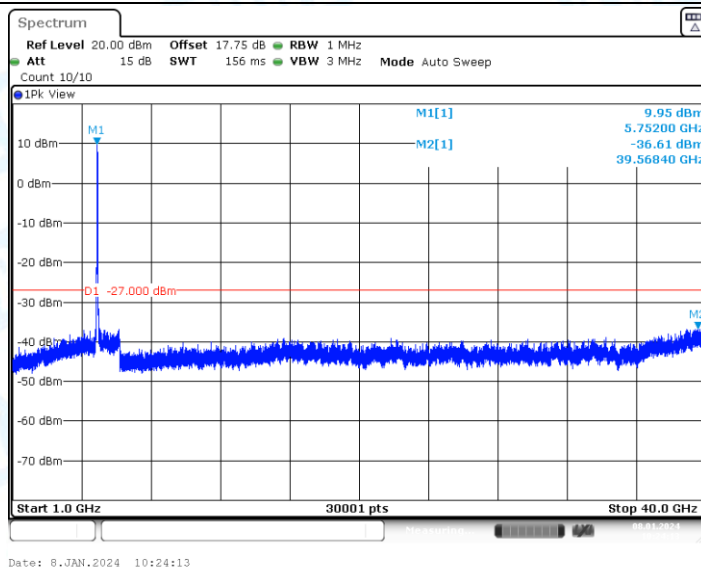
11N40SISO_Ant1_5230_1000~40000



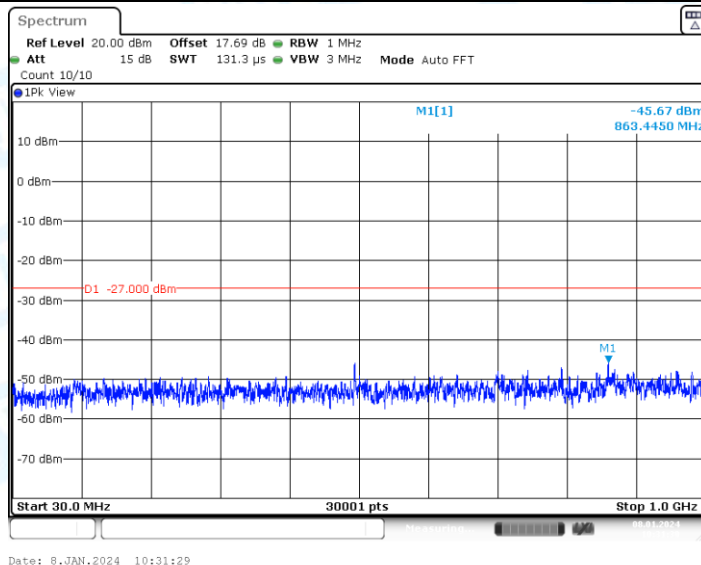
11N40SISO_Ant1_5755_30~1000



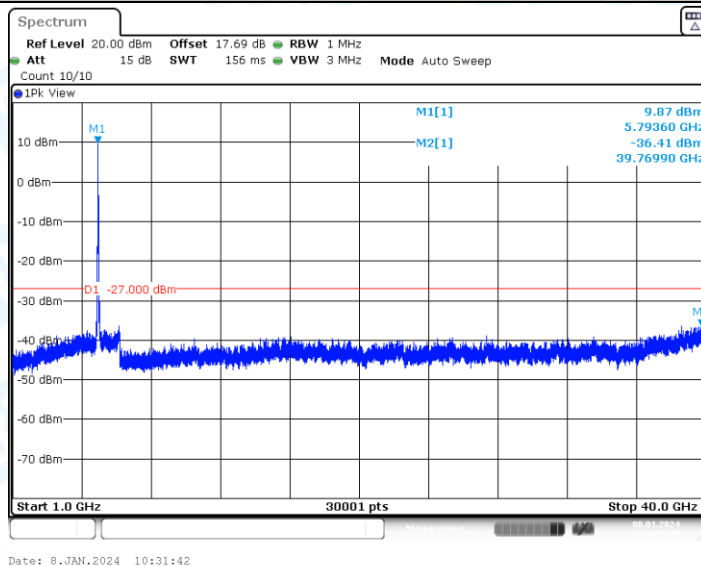
11N40SISO_Ant1_5755_1000~40000



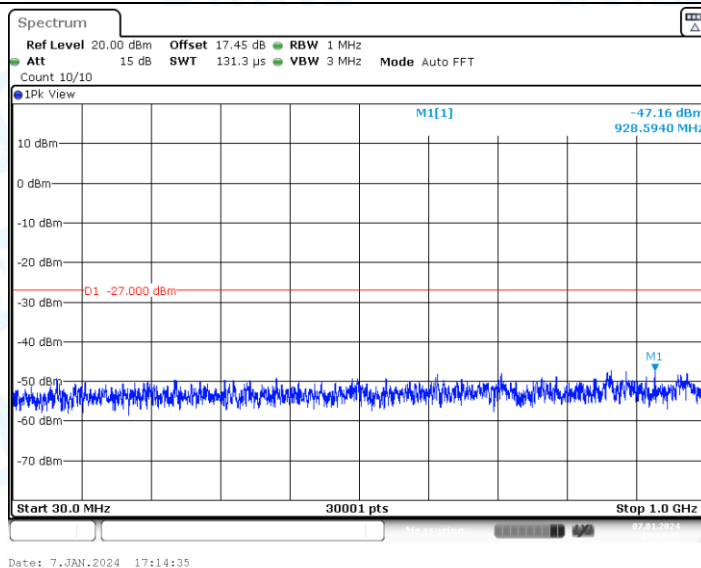
11N40SISO_Ant1_5795_30~1000



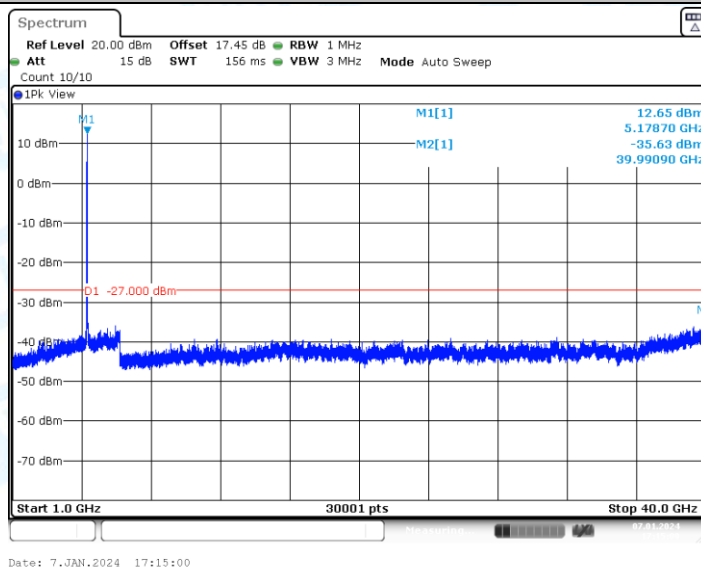
11N40SISO_Ant1_5795_1000~40000



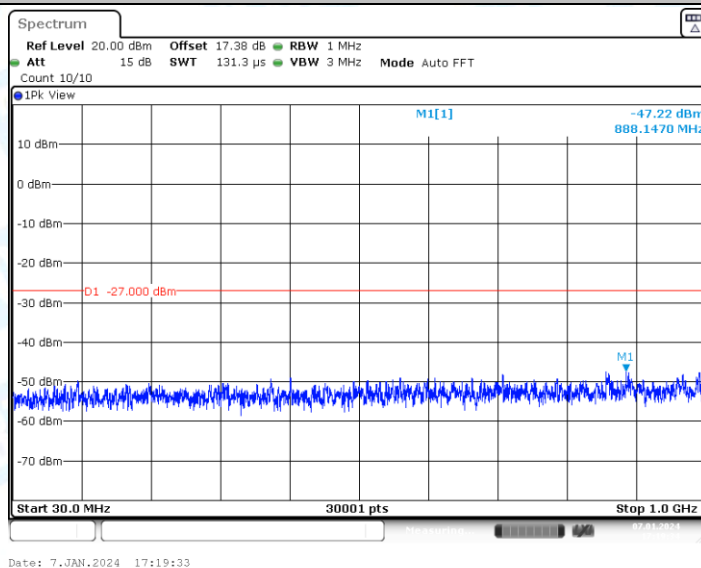
11AC20SISO_Ant1_5180_30~1000



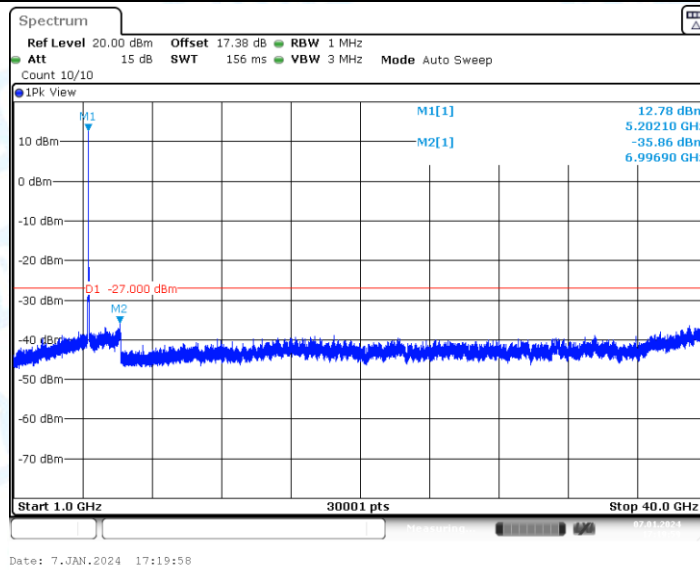
11AC20SISO_Ant1_5180_1000~40000



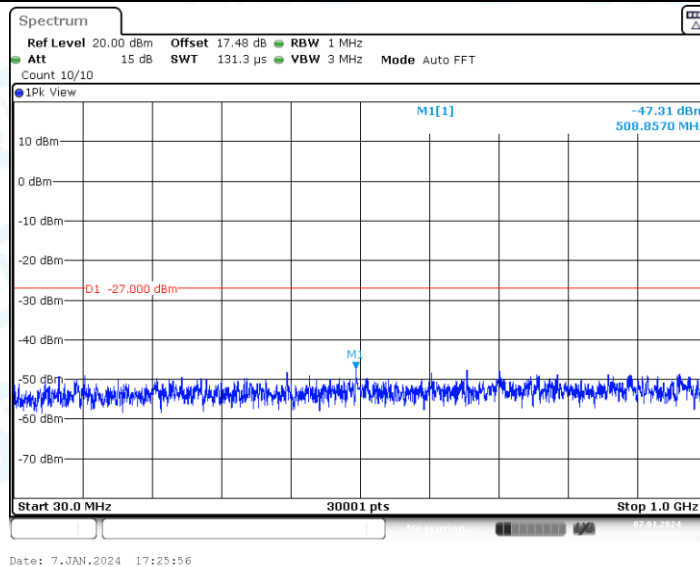
11AC20SISO_Ant1_5200_30~1000



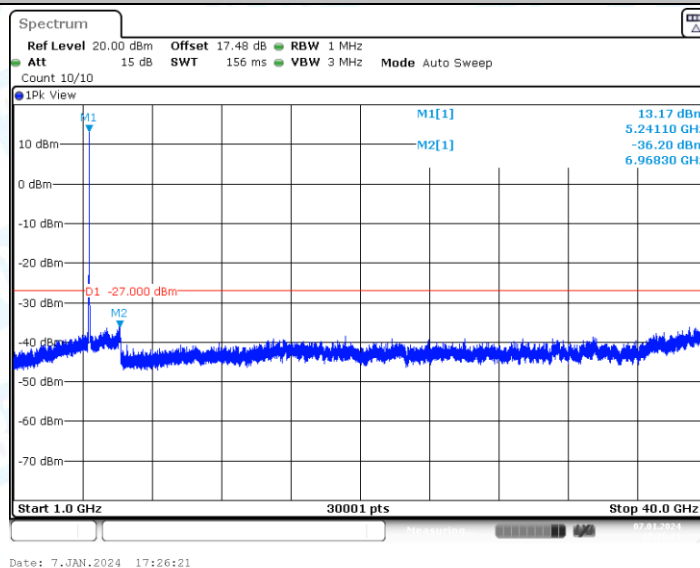
11AC20SISO_Ant1_5200_1000~40000



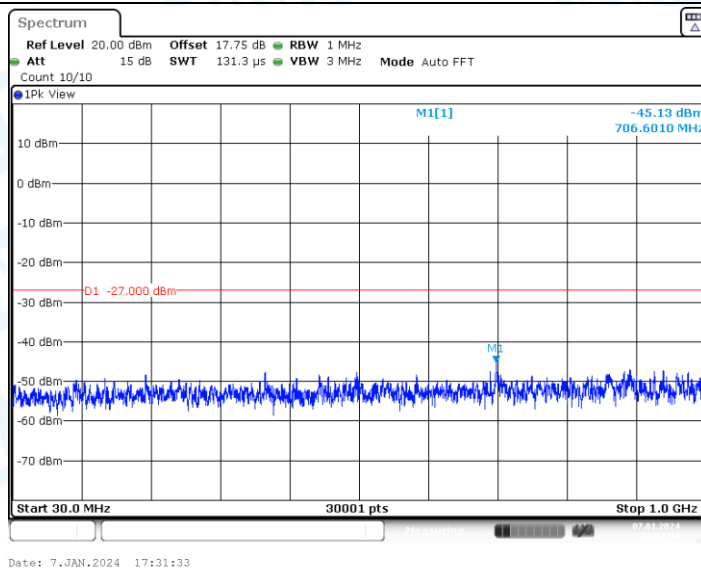
11AC20SISO_Ant1_5240_30~1000



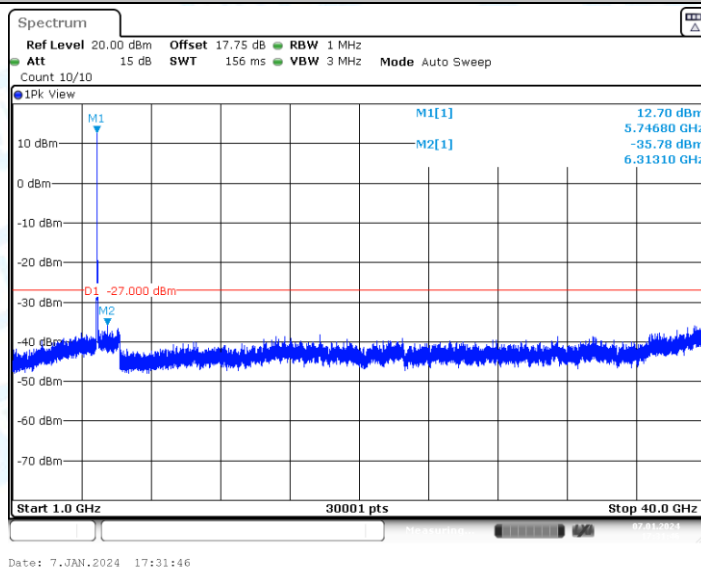
11AC20SISO_Ant1_5240_1000~40000



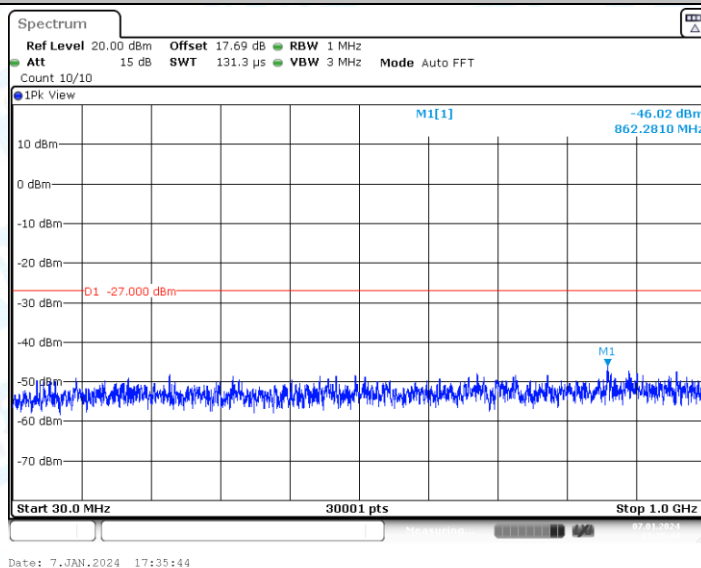
11AC20SISO_Ant1_5745_30~1000



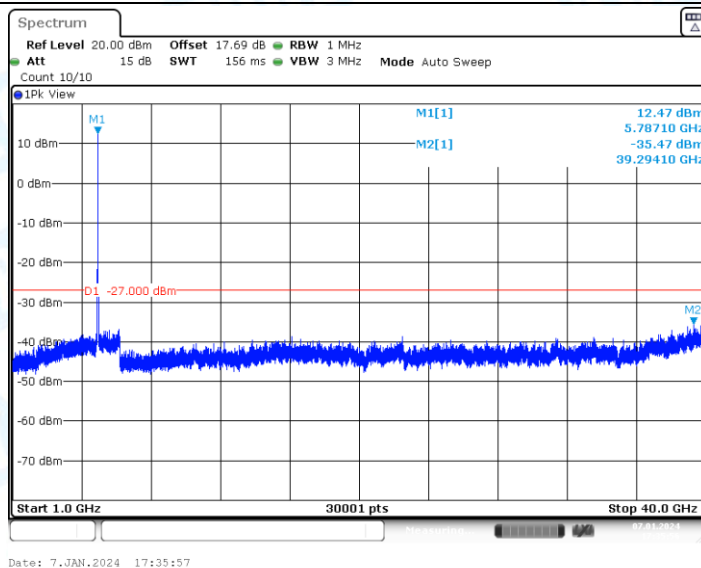
11AC20SISO_Ant1_5745_1000~40000



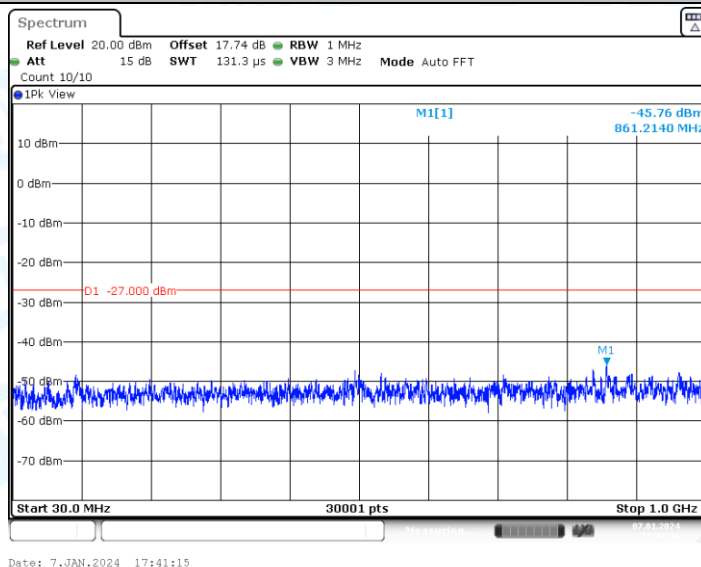
11AC20SISO_Ant1_5785_30~1000



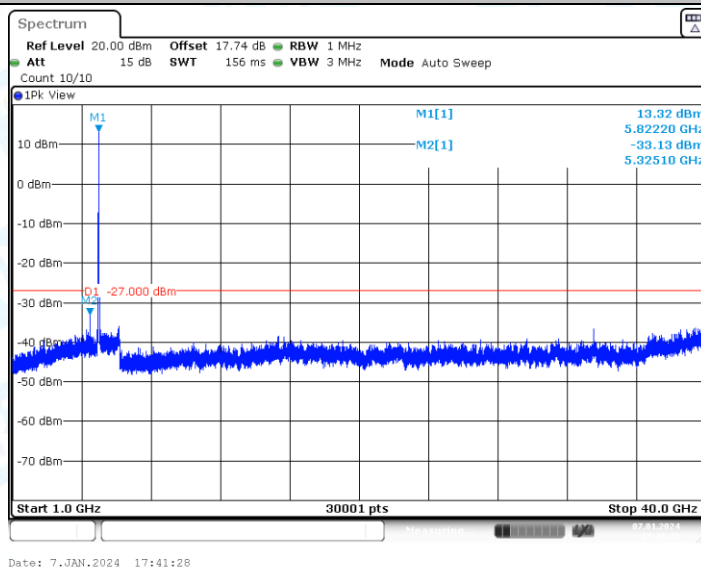
11AC20SISO_Ant1_5785_1000~40000



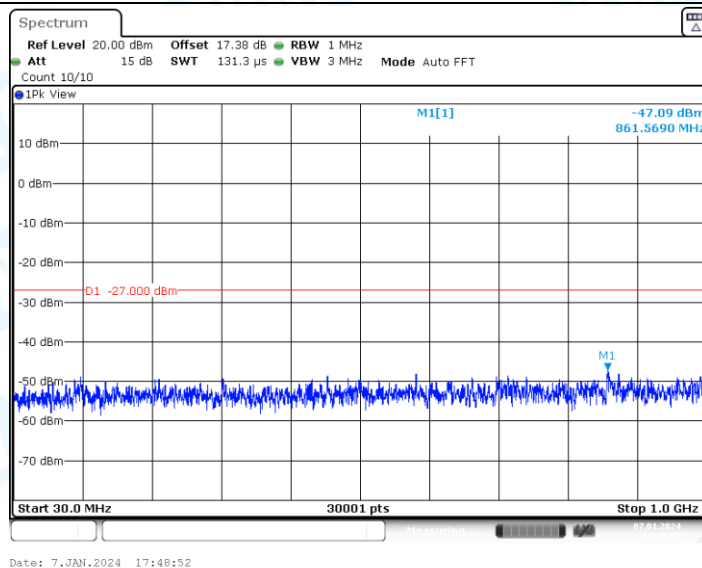
11AC20SISO_Ant1_5825_30~1000



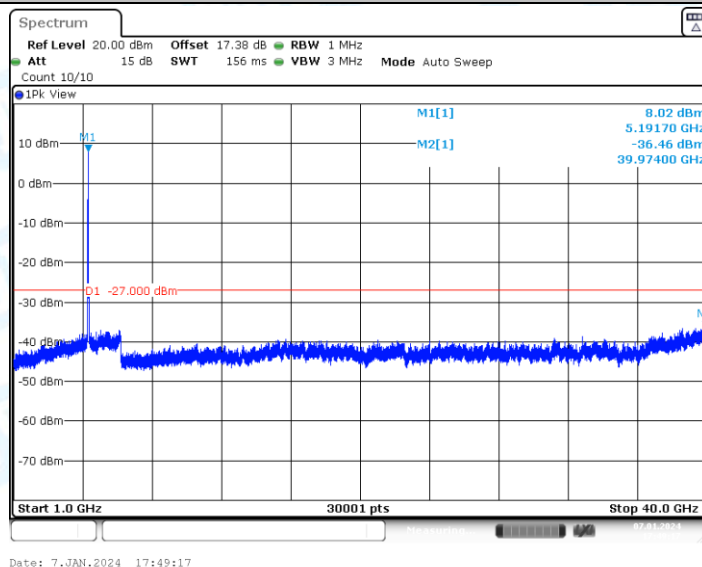
11AC20SISO_Ant1_5825_1000~40000



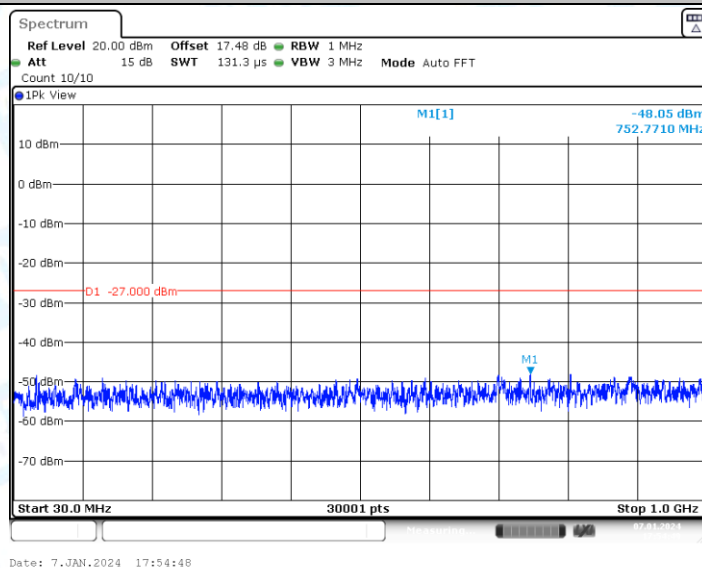
11AC40SISO_Ant1_5190_30~1000



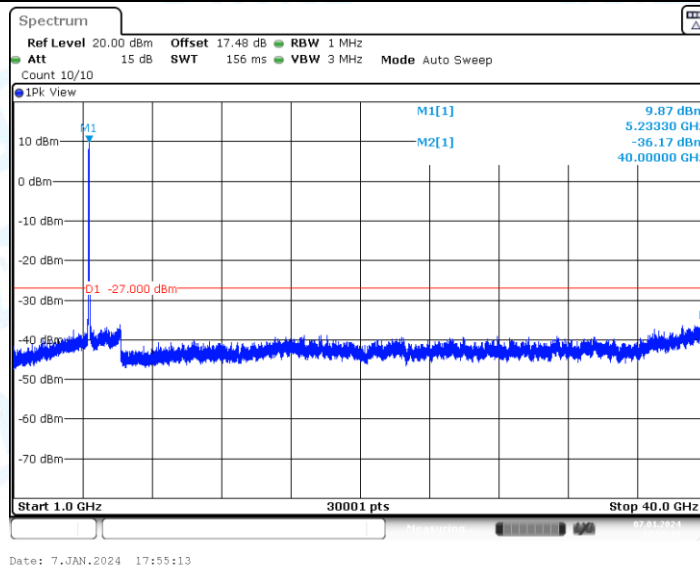
11AC40SISO_Ant1_5190_1000~40000



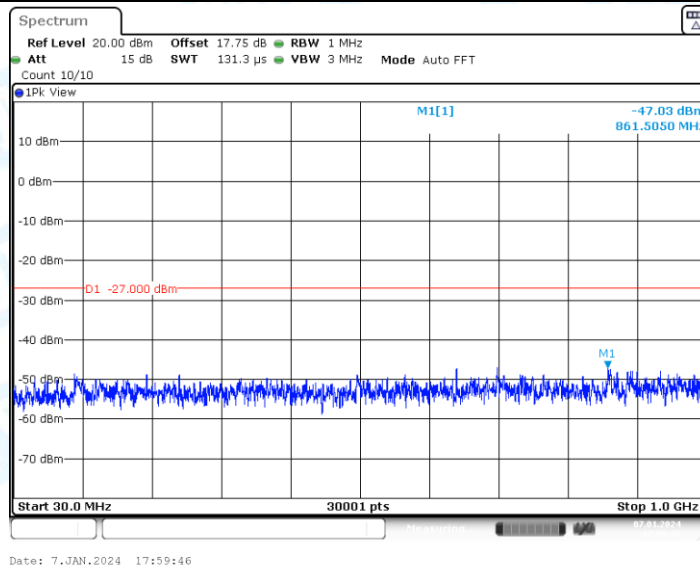
11AC40SISO_Ant1_5230_30~1000



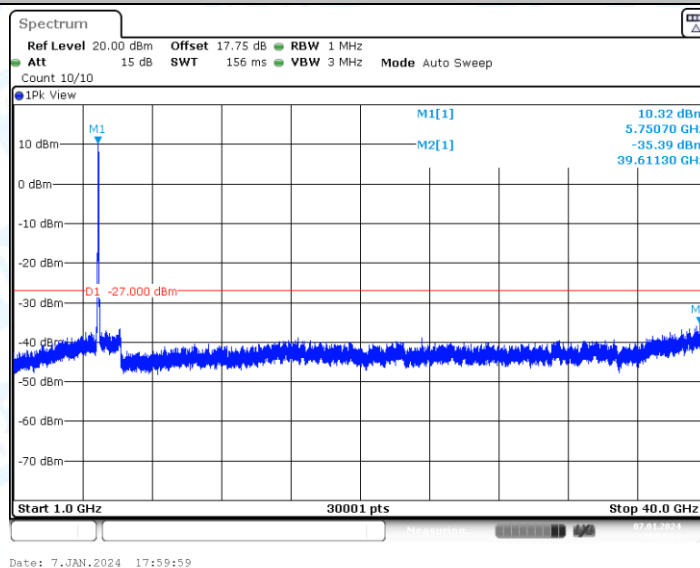
11AC40SISO_Ant1_5230_1000~40000



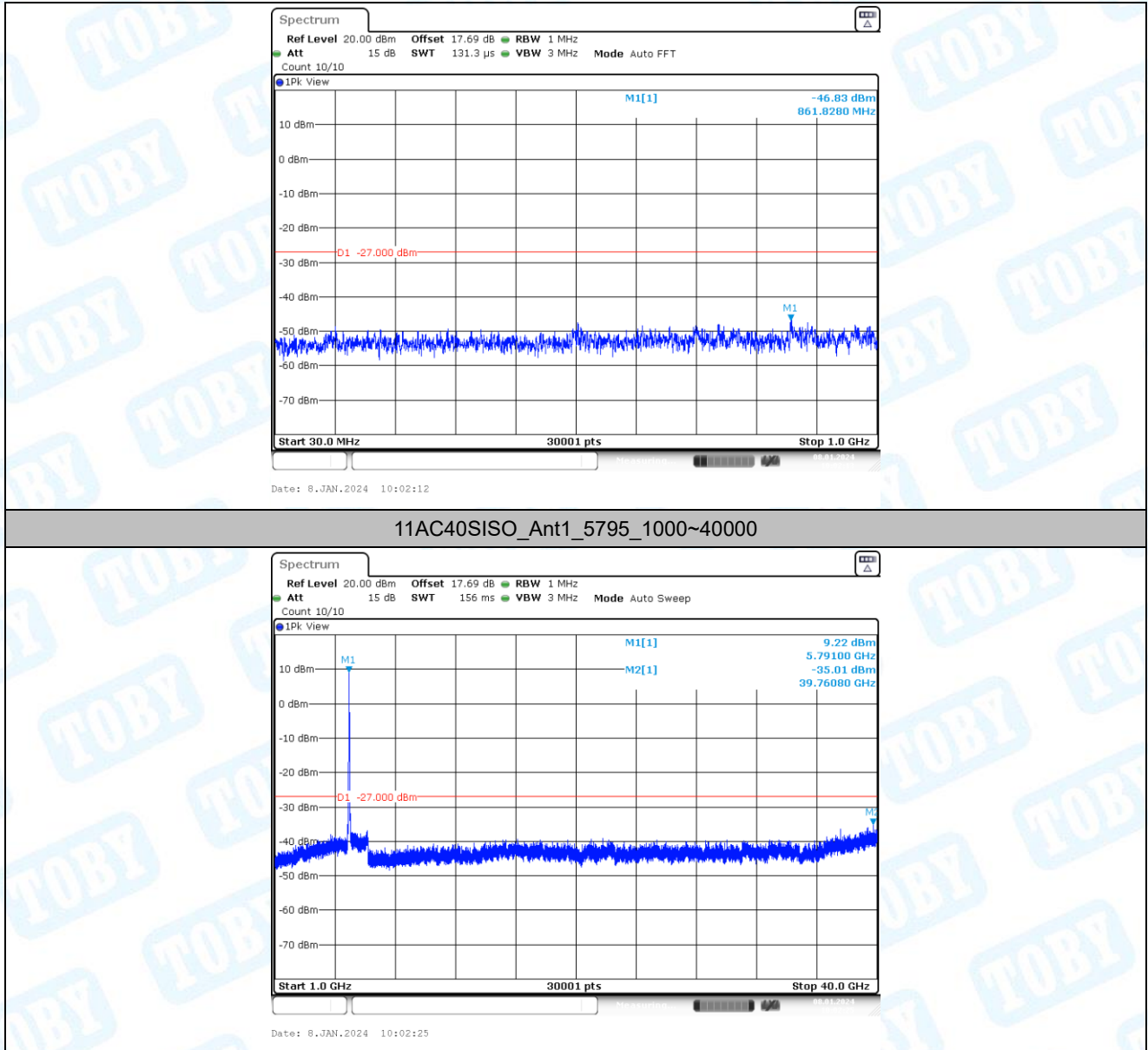
11AC40SISO_Ant1_5755_30~1000



11AC40SISO_Ant1_5755_1000~40000



11AC40SISO_Ant1_5795_30~1000



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	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	0.00	0.000000	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	0.00	0.000000	20	PASS
		5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5200	NV	NT	-40000.00	-7.692308	20	PASS
			LV	NT	0.00	0.000000	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	-40000.00	-6.962576	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
			HV	NT	-20000.00	-3.481288	20	PASS
		5785	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.914434	20	PASS
11N40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.433476	20	PASS

		5230	HV	NT	-40000.00	-7.707129	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
		5755	HV	NT	-40000.00	-7.648184	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
		5795	HV	NT	-80000.00	-13.900956	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
		5180	HV	NT	0.00	0.000000	20	PASS
			NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
11AC20SIS O	Ant1	5200	HV	NT	-20000.00	-3.846154	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
		5240	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
		5745	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
		5785	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
11AC40SIS O	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
			NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
		5230	HV	NT	0.00	0.000000	20	PASS
			NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	0.00	0.000000	20	PASS
		5755	HV	NT	0.00	0.000000	20	PASS
			NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
		5795	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	0	0.00	0.000000	20	PASS

			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-40000.00	-7.722008	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	0.00	0.000000	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	-20000.00	-3.816794	20	PASS
		5745	NV	0	-20000.00	-3.481288	20	PASS
			NV	10	-60000.00	-10.443864	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	-20000.00	-3.457217	20	PASS
			NV	45	-20000.00	-3.457217	20	PASS
		5825	NV	0	-40000.00	-6.866953	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.433476	20	PASS
			NV	30	-20000.00	-3.433476	20	PASS
			NV	45	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5180	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	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	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-40000.00	-7.692308	20	PASS
			NV	45	0.00	0.000000	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	-20000.00	-3.816794	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	-20000.00	-3.481288	20	PASS
			NV	45	-40000.00	-6.962576	20	PASS
		5785	NV	0	-20000.00	-3.457217	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.457217	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
			NV	45	-20000.00	-3.457217	20	PASS
		5825	NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.433476	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
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	0.00	0.000000	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	-80000.00	-15.296367	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	-40000.00	-6.950478	20	PASS
			NV	30	-80000.00	-13.900956	20	PASS
			NV	45	0.00	0.000000	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	-80000.00	-13.805004	20	PASS
			NV	45	-40000.00	-6.902502	20	PASS
11AC20SIS O	Ant1	5180	NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.861004	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
		5200	NV	0	-20000.00	-3.846154	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.846154	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5240	NV	0	20000.00	3.816794	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
		5745	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	-3.481288	20	PASS
			NV	45	0.00	0.000000	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	20000.00	3.457217	20	PASS
		5825	NV	0	20000.00	3.433476	20	PASS
			NV	10	20000.00	3.433476	20	PASS
			NV	20	0.00	0.000000	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	0.00	0.000000	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	0.00	0.000000	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	-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	-40000.00	-6.902502	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	-40000.00	-6.902502	20	PASS

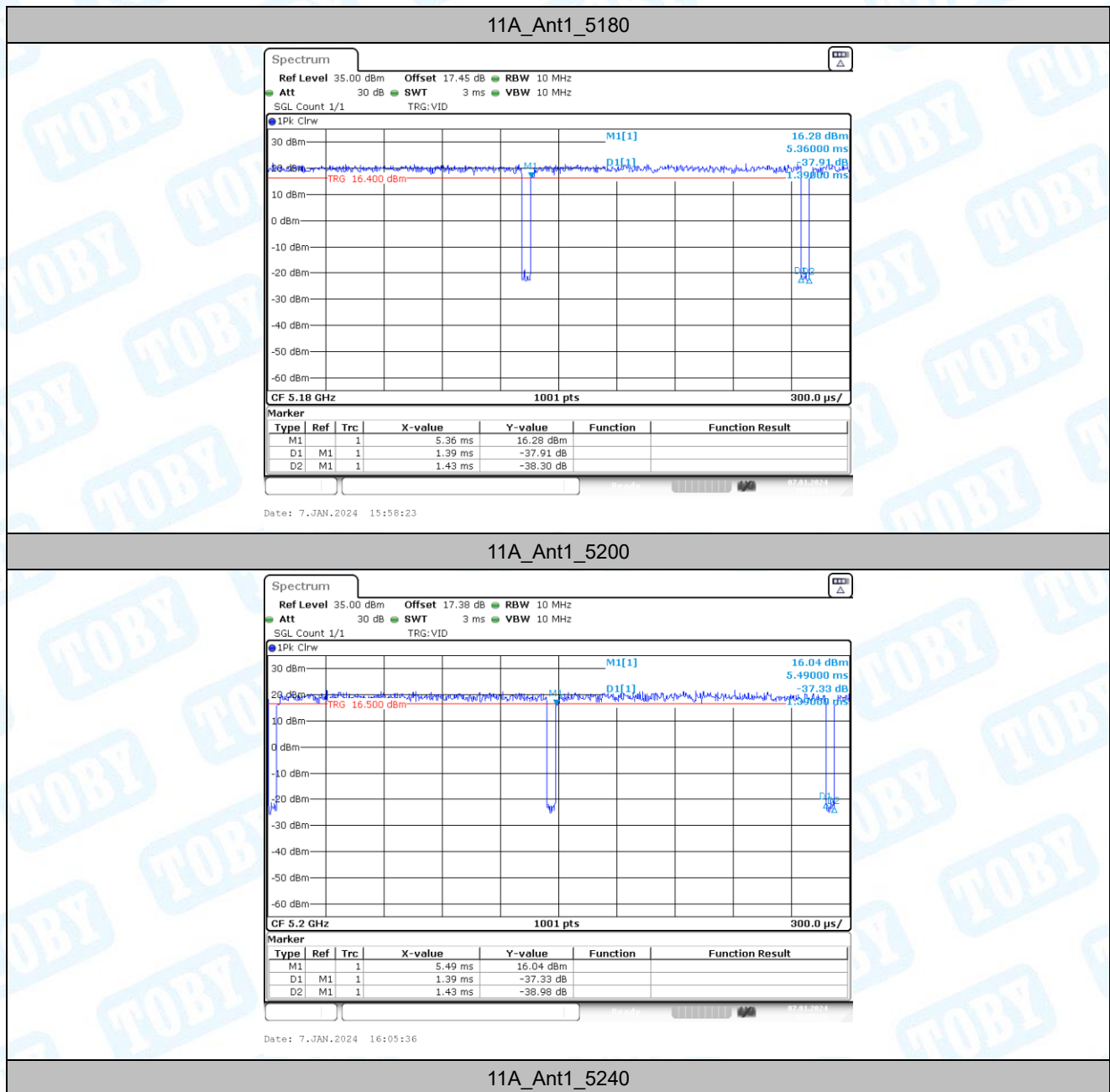
10. Duty Cycle

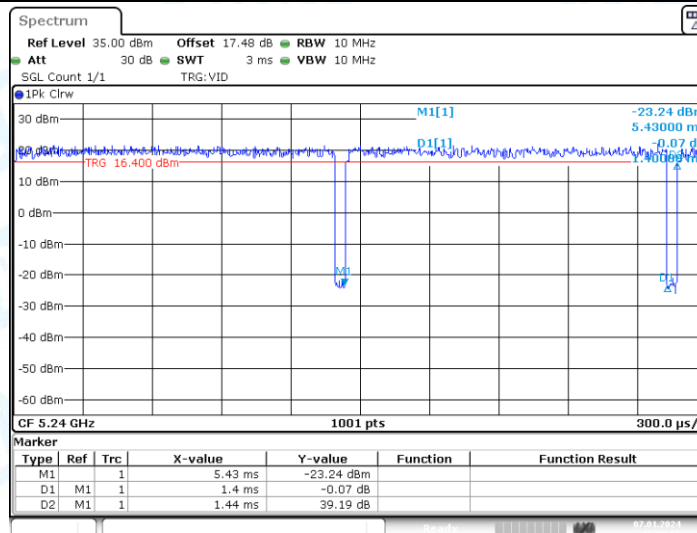
10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11A	Ant1	5180	1.39	1.43	97.20	0.72	---	---
		5200	1.39	1.43	97.20	0.72	---	---
		5240	1.40	1.44	97.22	0.71	---	---
		5745	1.39	1.43	97.20	0.72	---	---
		5785	1.39	1.44	96.53	0.72	---	---
		5825	1.39	1.44	96.53	0.72	---	---
11N20SISO	Ant1	5180	1.30	1.34	97.01	0.77	---	---
		5200	1.30	1.34	97.01	0.77	---	---
		5240	1.30	1.34	97.01	0.77	---	---
		5745	1.30	1.35	96.30	0.77	---	---
		5785	1.30	1.35	96.30	0.77	---	---
		5825	1.30	1.34	97.01	0.77	---	---
11N40SISO	Ant1	5190	0.65	0.69	94.20	1.54	---	---
		5230	0.65	0.69	94.20	1.54	---	---
		5755	0.65	0.69	94.20	1.54	---	---
		5795	0.65	0.70	92.86	1.54	---	---
11AC20SISO	Ant1	5180	1.31	1.36	96.32	0.76	---	---
		5200	1.32	1.36	97.06	0.76	---	---
		5240	1.31	1.36	96.32	0.76	---	---
		5745	1.31	1.35	97.04	0.76	---	---
		5785	1.31	1.35	97.04	0.76	---	---
		5825	1.32	1.36	97.06	0.76	---	---
11AC40SISO	Ant1	5190	0.65	0.70	92.86	1.54	---	---
		5230	0.66	0.70	94.29	1.52	---	---
		5755	0.65	0.69	94.20	1.54	---	---
		5795	0.65	0.70	92.86	1.54	---	---

Note: 1/T=1/ Transmission Duration

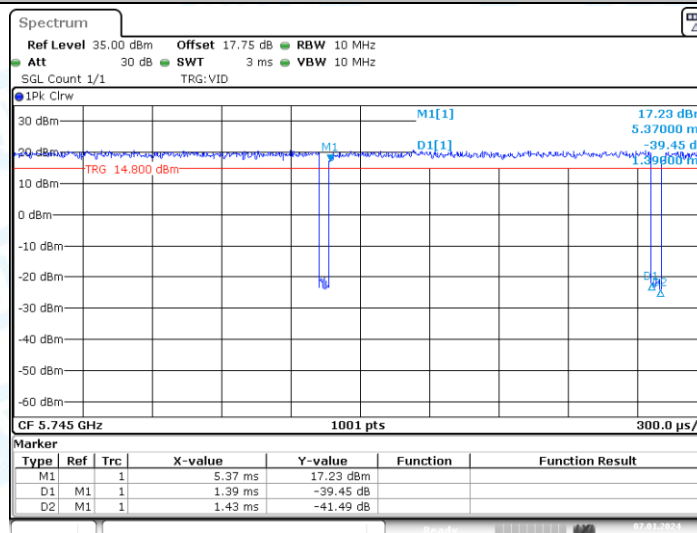
10.2. Test Graphs





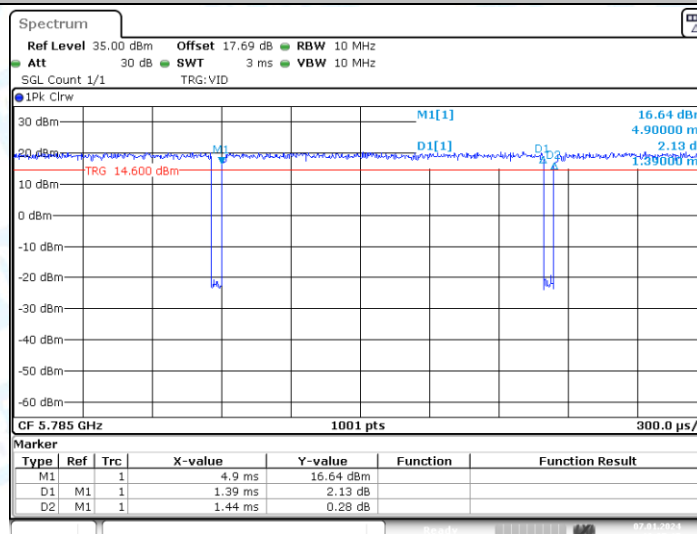
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11A_Ant1_5745



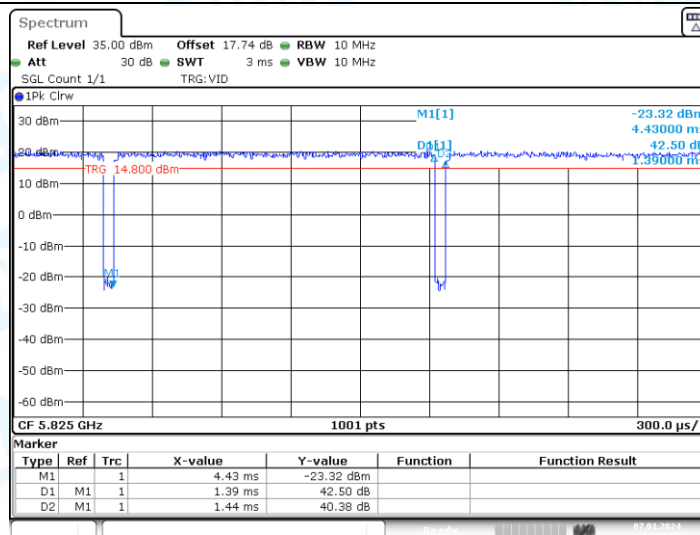
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11A_Ant1_5785

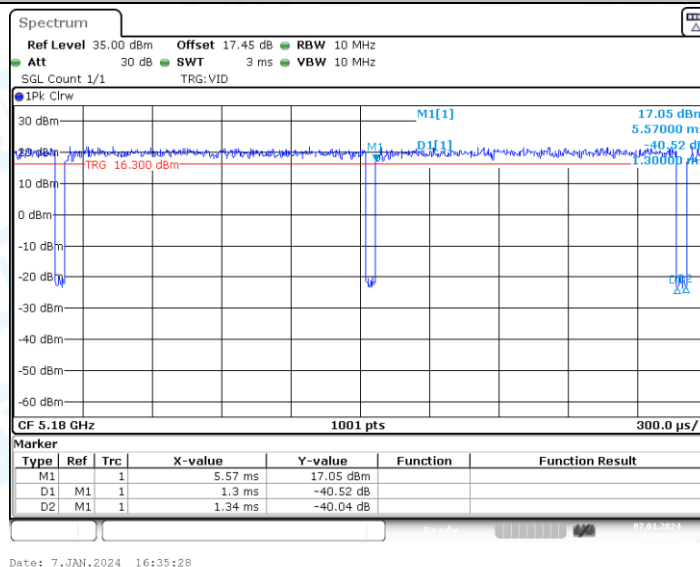


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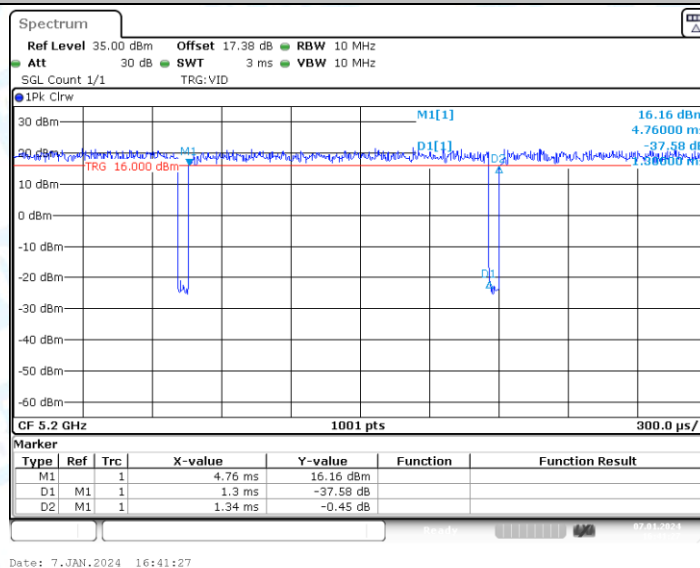
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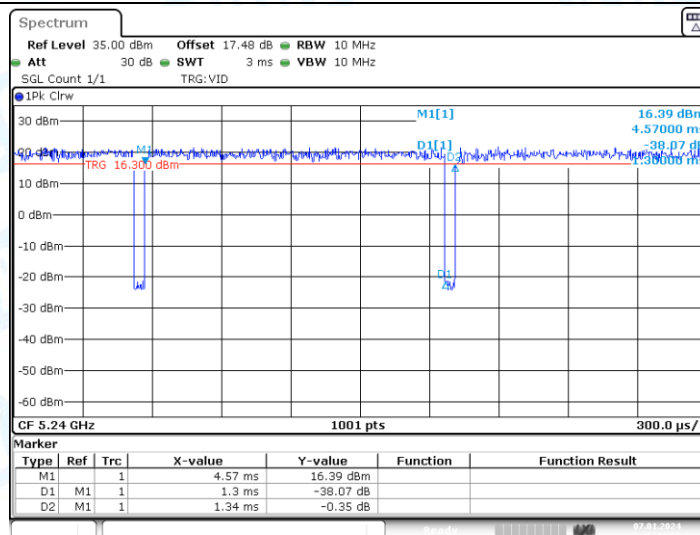
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

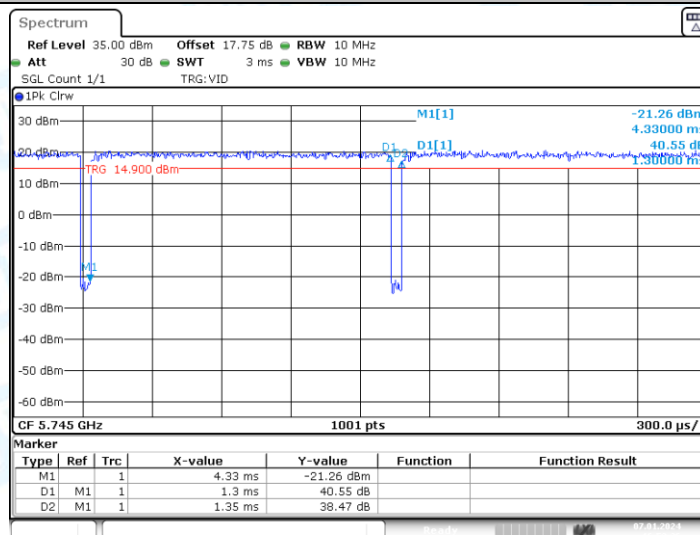


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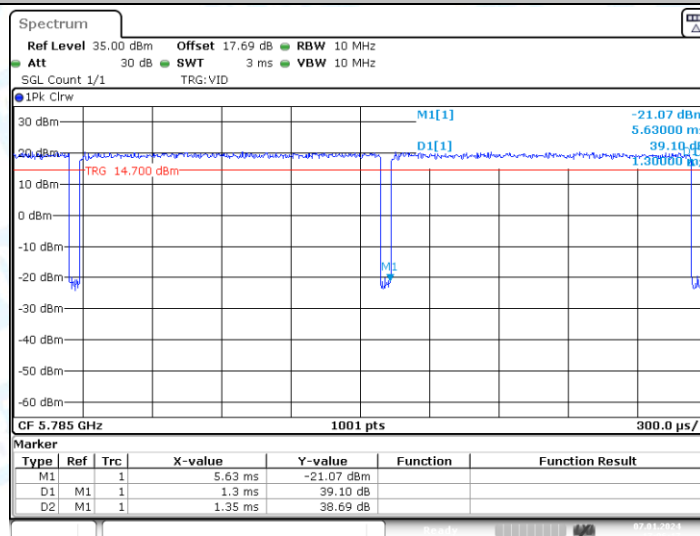
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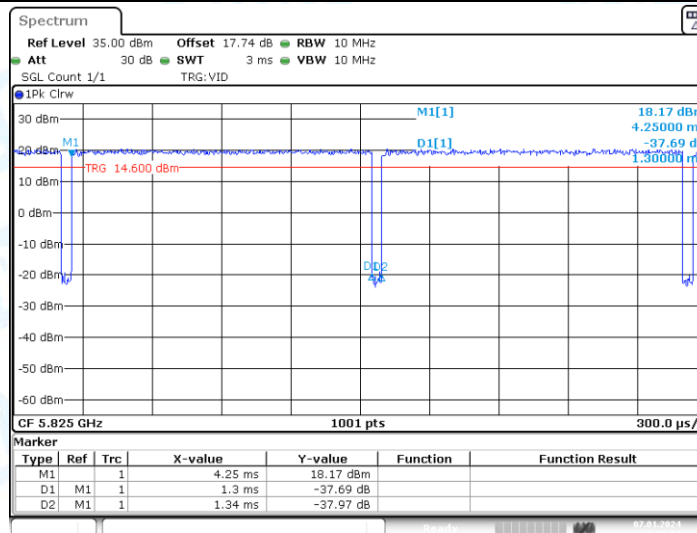
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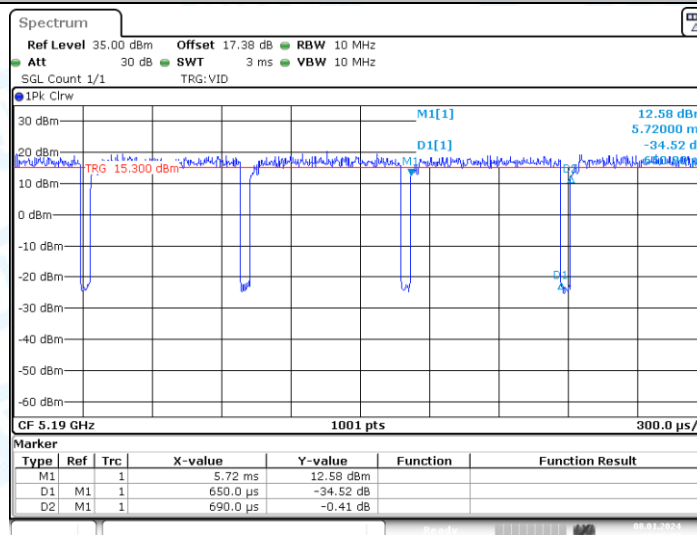
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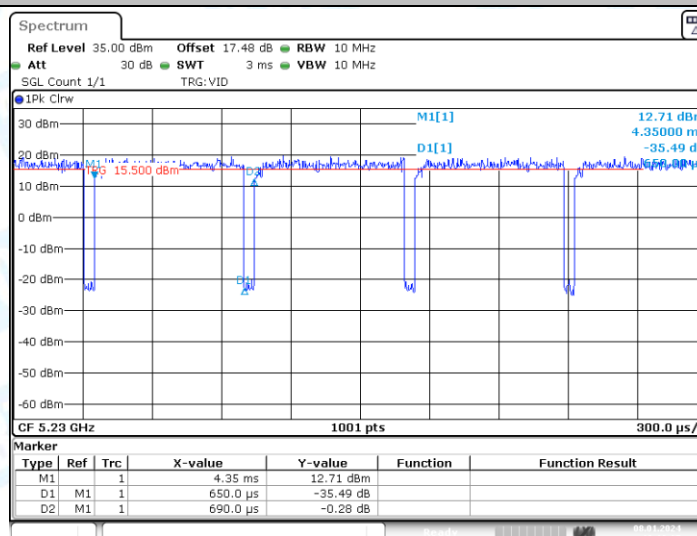
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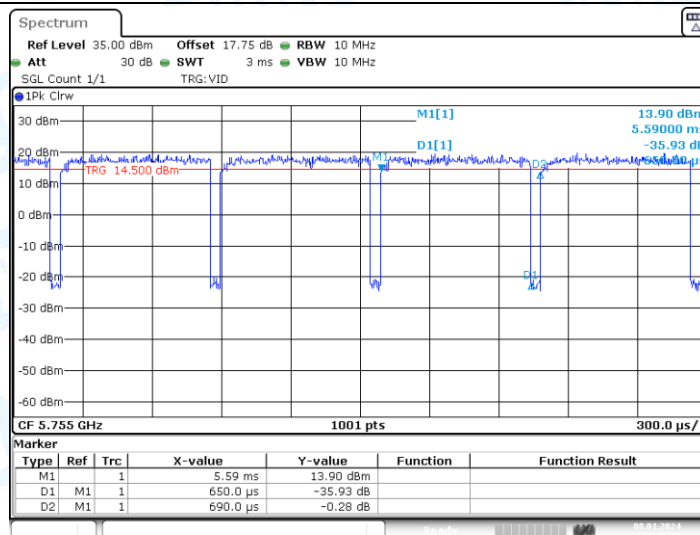
Date: 8.JAN.2024 10:06:23

11N40SISO_Ant1_5230



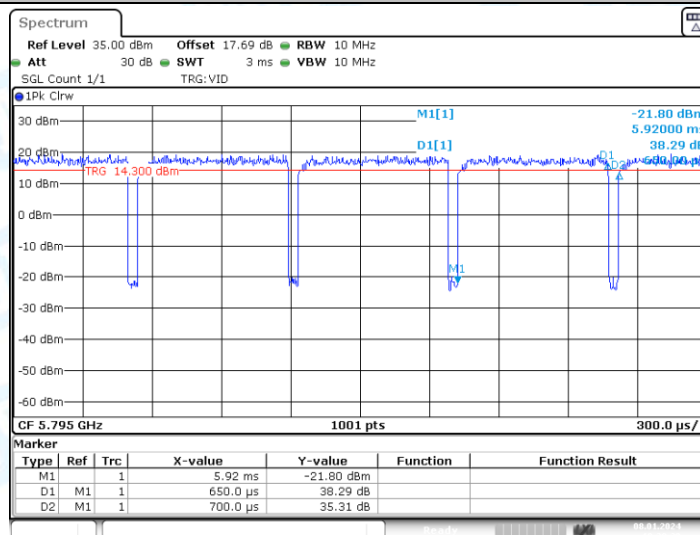
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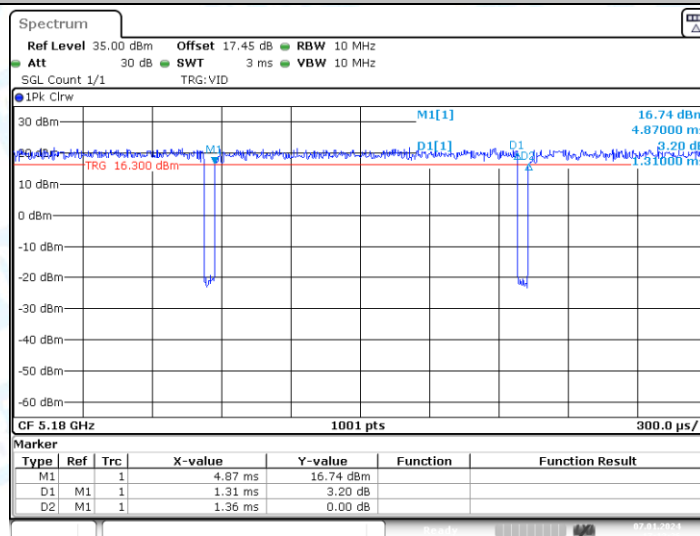
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11N40SISO_Ant1_5795



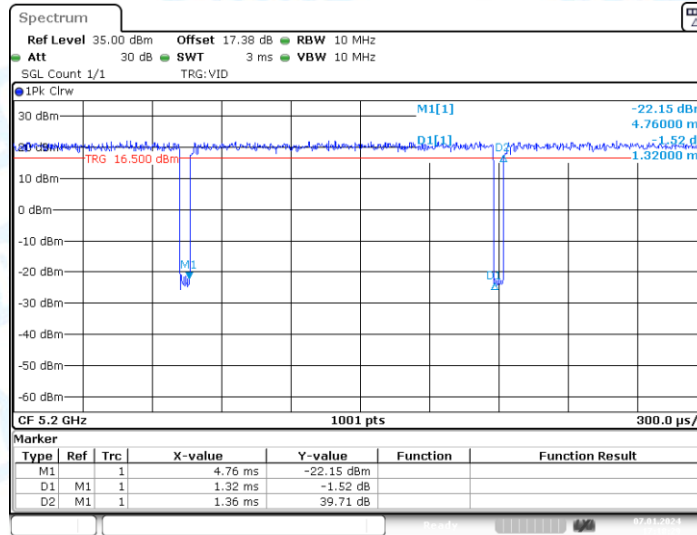
Date: 8.JAN.2024 10:29:38

11AC20SISO_Ant1_5180



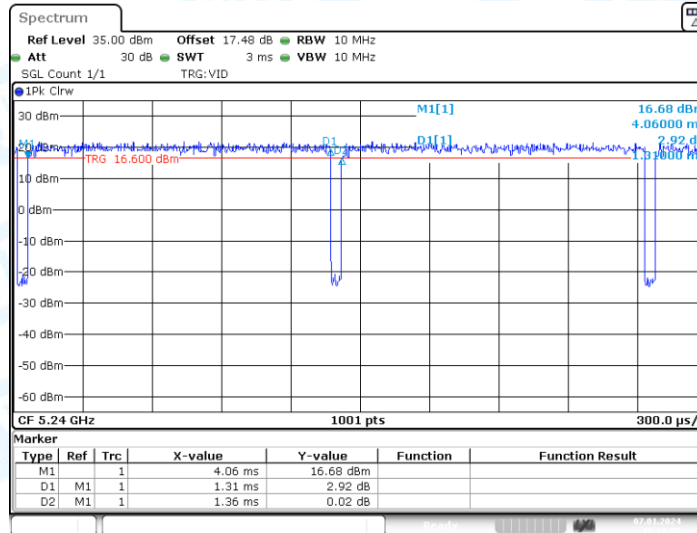
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11AC20SISO_Ant1_5200



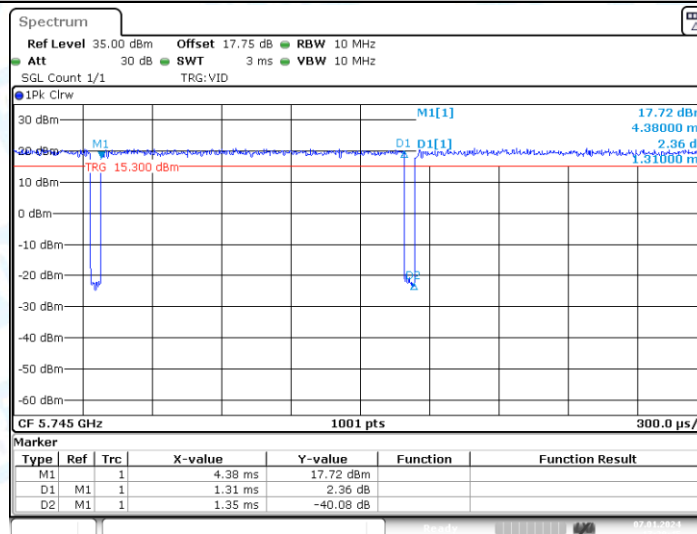
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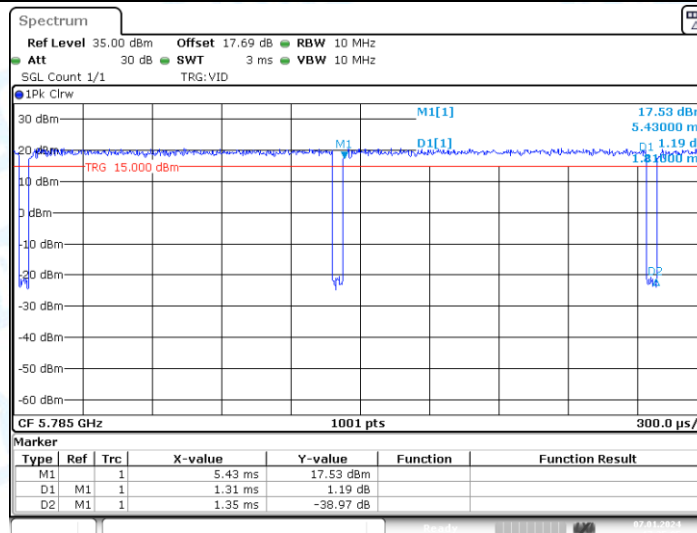
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11AC20SISO_Ant1_5745



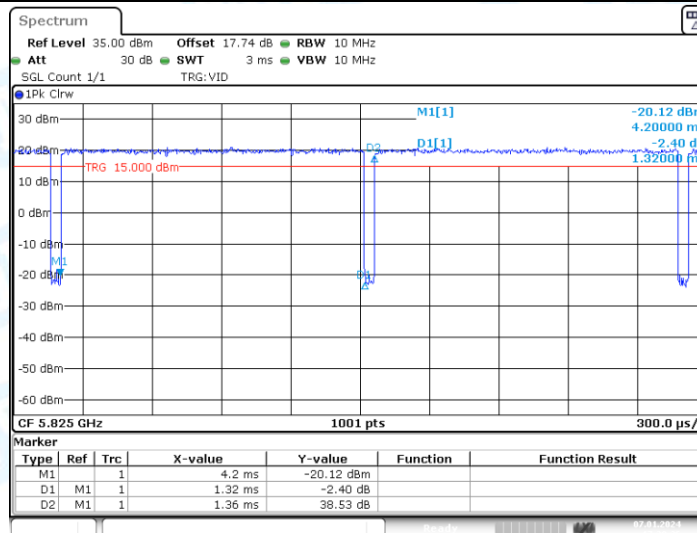
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11AC20SISO_Ant1_5785



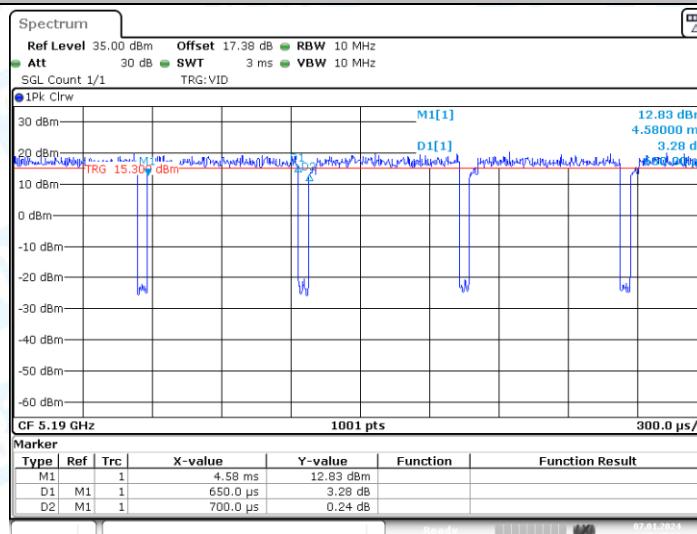
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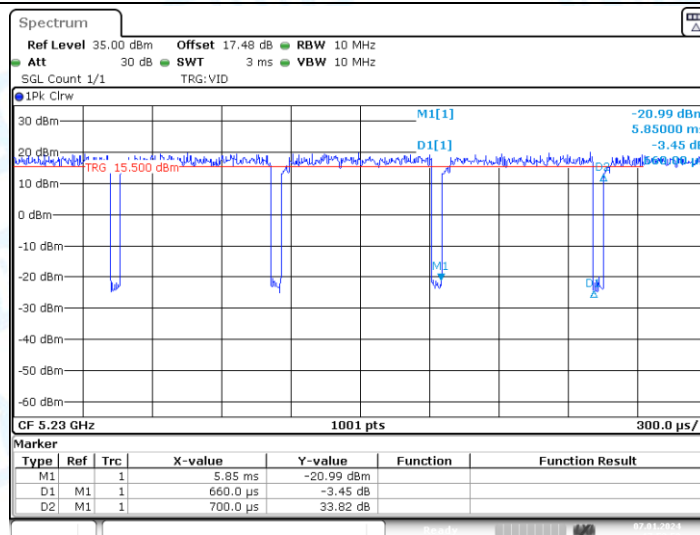
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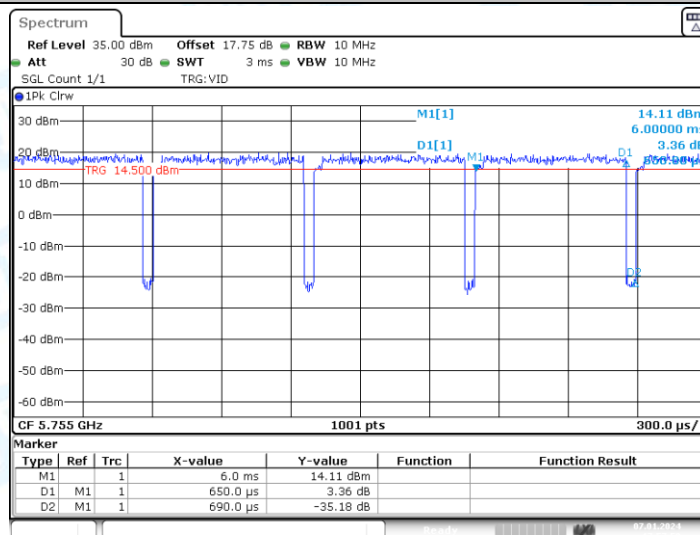
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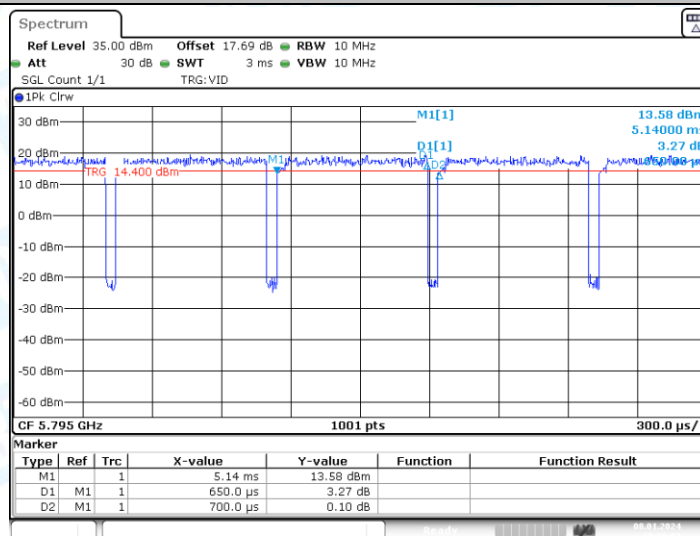
Date: 7.JAN.2024 17:52:50

11AC40SISO_Ant1_5755



Date: 7.JAN.2024 17:57:59

11AC40SISO_Ant1_5795



Date: 8.JAN.2024 10:00:03

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