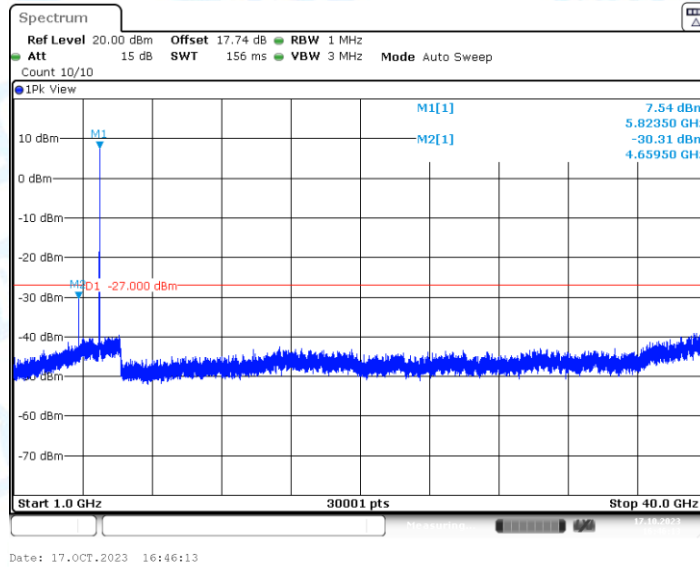
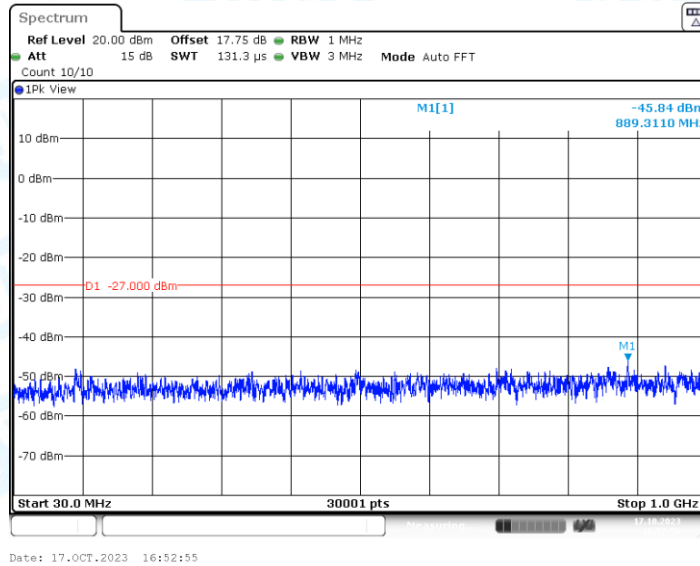
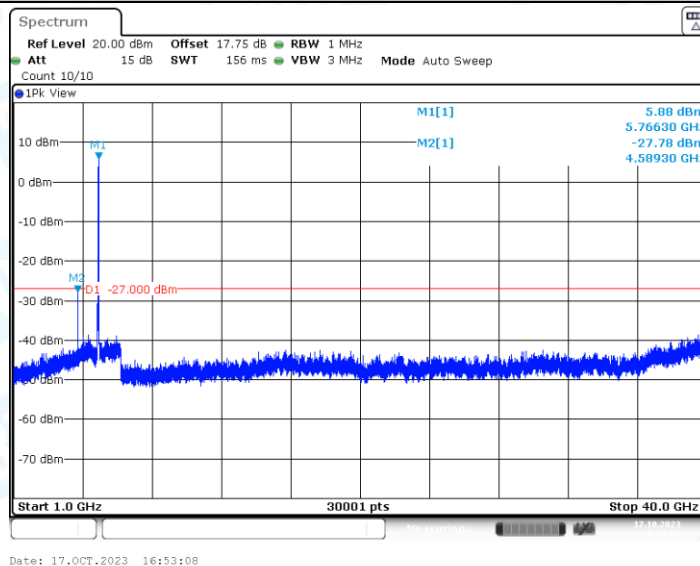




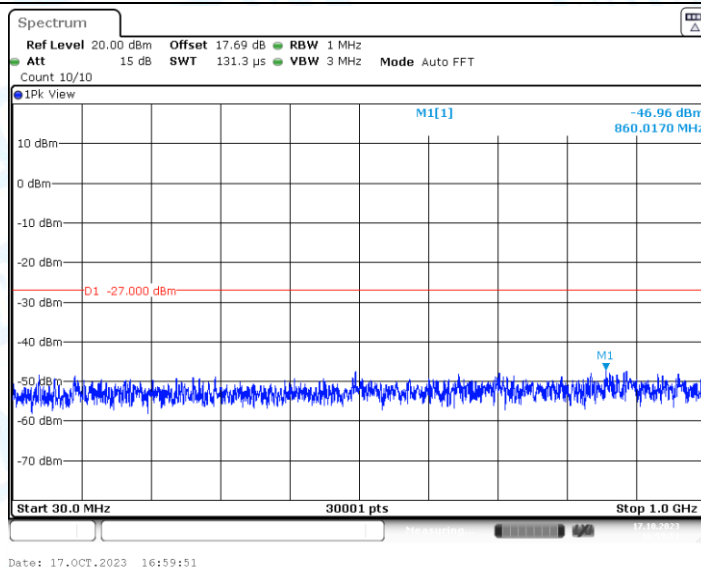
11AC40SISO_Ant1_5755_30~1000



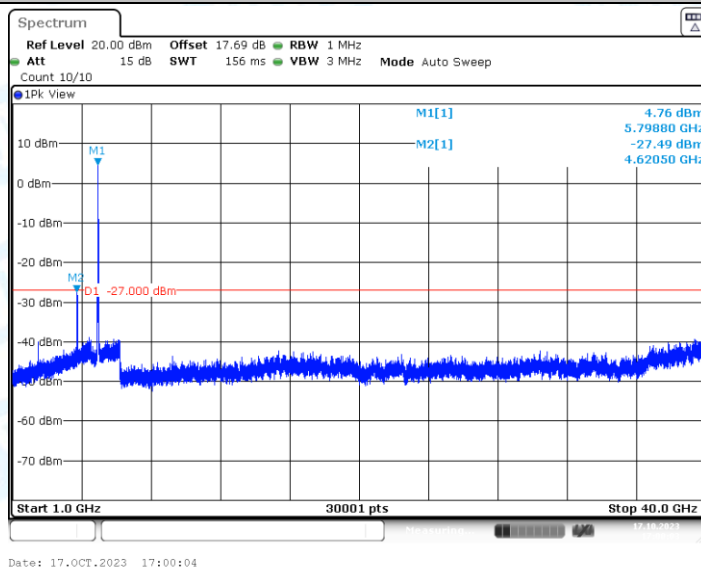
11AC40SISO_Ant1_5755_1000~40000



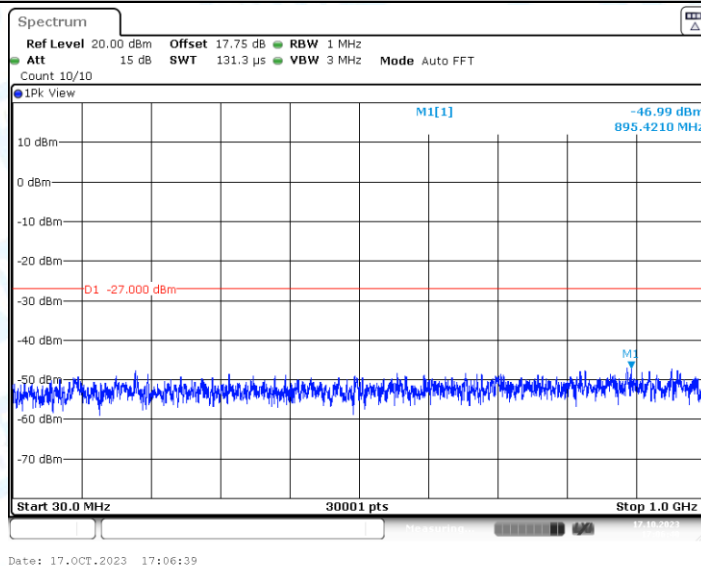
11AC40SISO_Ant1_5795_30~1000



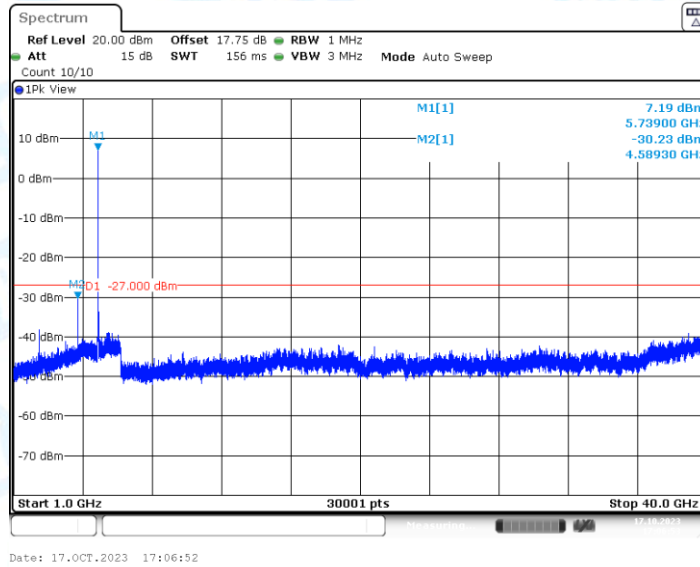
11AC40SISO_Ant1_5795_1000~40000



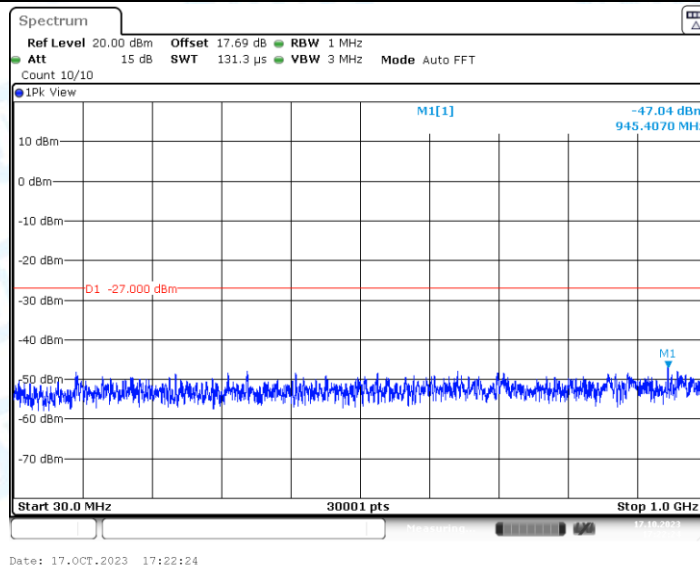
11AX20SISO_Ant1_5745_30~1000



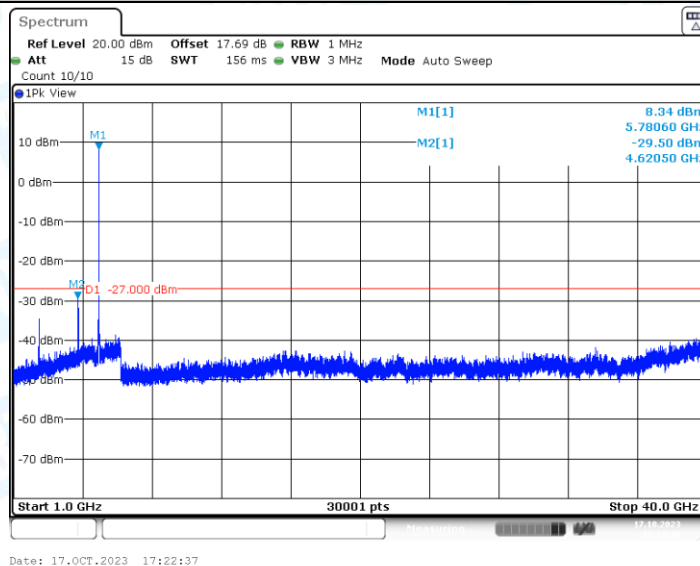
11AX20SISO_Ant1_5745_1000~40000



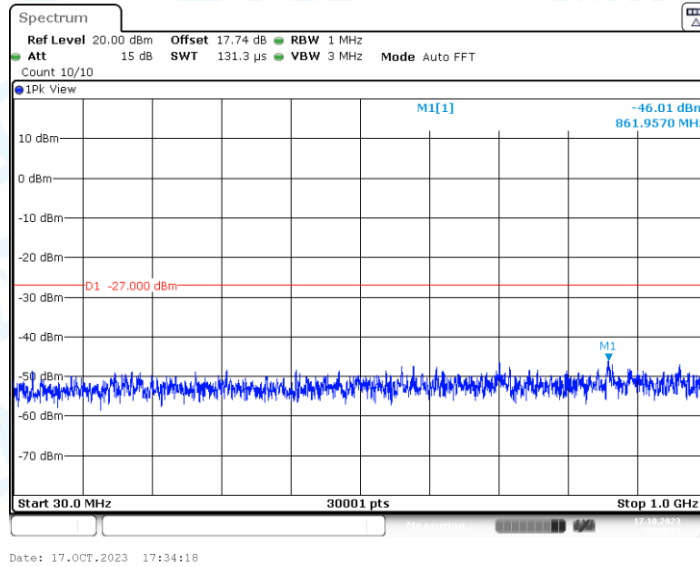
11AX20SISO_Ant1_5785_30~1000



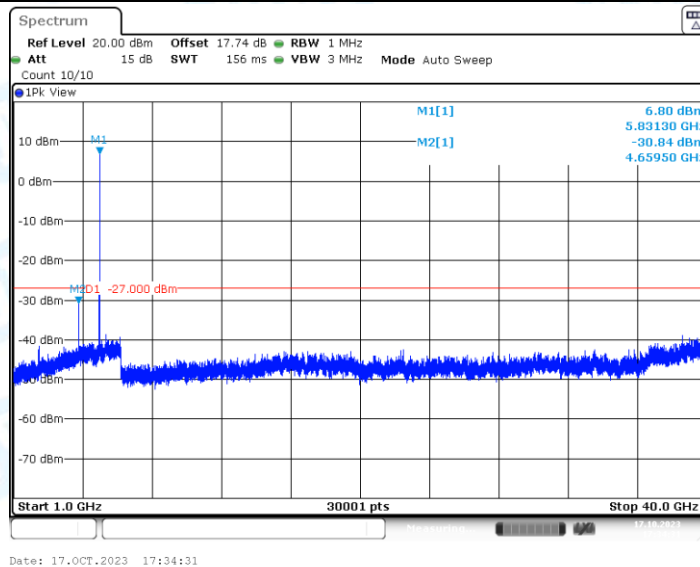
11AX20SISO_Ant1_5785_1000~40000



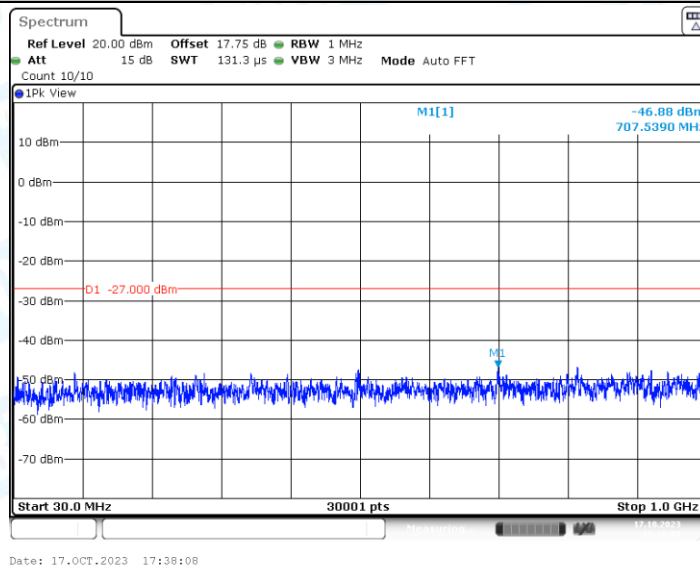
11AX20SISO_Ant1_5825_30~1000



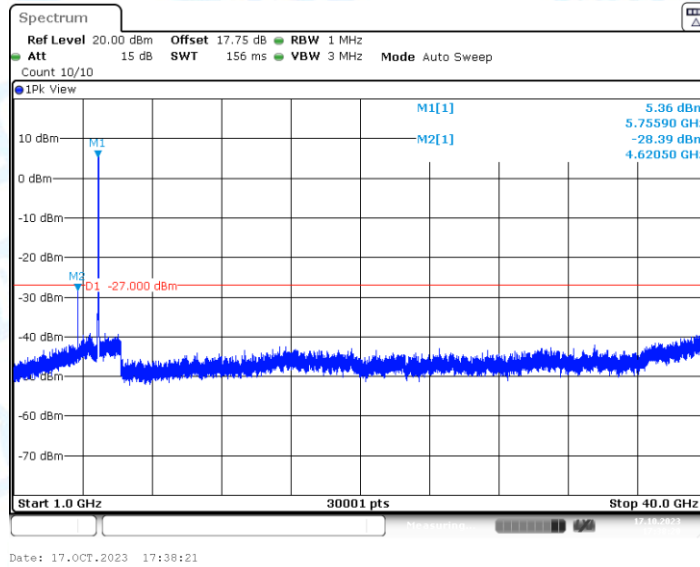
11AX20SISO_Ant1_5825_1000~40000



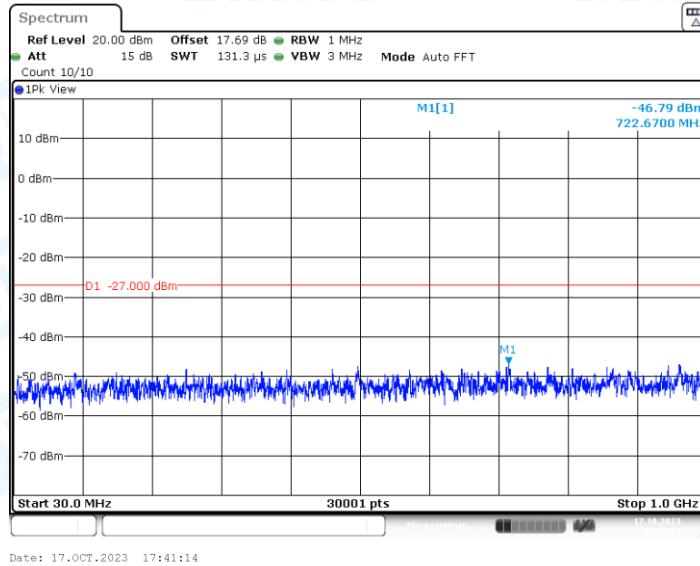
11AX40SISO_Ant1_5755_30~1000



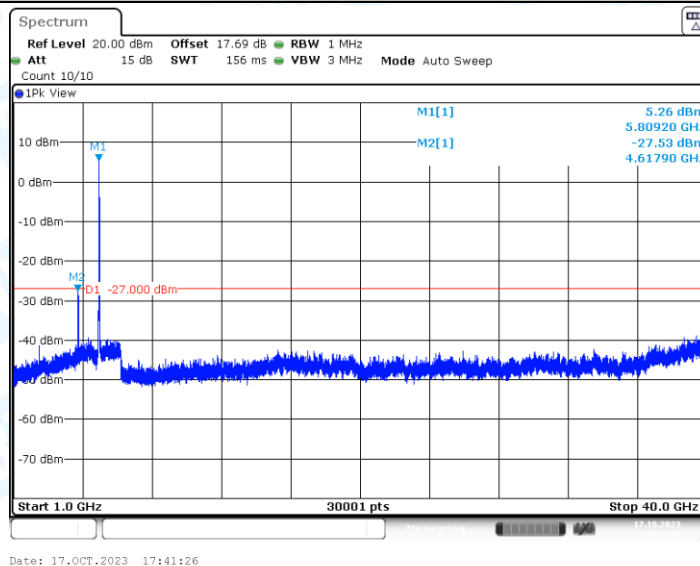
11AX40SISO_Ant1_5755_1000~40000



11AX40SISO_Ant1_5795_30~1000



11AX40SISO_Ant1_5795_1000~40000



6. Frequency Stability

6.1. Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	-80000.00	-13.925152	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-60000.00	-10.443864	20	PASS
		5785	NV	NT	-40000.00	-6.914434	20	PASS
			LV	NT	-80000.00	-13.828868	20	PASS
			HV	NT	-60000.00	-10.371651	20	PASS
		5825	NV	NT	-80000.00	-13.733906	20	PASS
			LV	NT	-80000.00	-13.733906	20	PASS
			HV	NT	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-60000.00	-10.443864	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS
		5785	NV	NT	-60000.00	-10.371651	20	PASS
			LV	NT	-40000.00	-6.914434	20	PASS
			HV	NT	-60000.00	-10.371651	20	PASS
		5825	NV	NT	-60000.00	-10.300429	20	PASS
			LV	NT	-60000.00	-10.300429	20	PASS
			HV	NT	-60000.00	-10.300429	20	PASS
11N40SISO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS
		5785	NV	NT	-60000.00	-10.371651	20	PASS
			LV	NT	-40000.00	-6.914434	20	PASS
			HV	NT	-40000.00	-6.914434	20	PASS
		5825	NV	NT	-40000.00	-6.866953	20	PASS
			LV	NT	-60000.00	-10.300429	20	PASS
			HV	NT	-60000.00	-10.300429	20	PASS
11AC40SISO	Ant1	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	-40000.00	-6.902502	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	0.00	0.000000	20	PASS

11AX20SIS O	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
			LV	NT	-60000.00	-10.443864	20	PASS
			HV	NT	-60000.00	-10.443864	20	PASS
		5785	NV	NT	-56900.00	-9.835782	20	PASS
			LV	NT	-55900.00	-9.662921	20	PASS
			HV	NT	-55900.00	-9.662921	20	PASS
		5825	NV	NT	-55900.00	-9.596567	20	PASS
			LV	NT	-55900.00	-9.596567	20	PASS
			HV	NT	-54900.00	-9.424893	20	PASS
11AX40SIS O	Ant1	5755	NV	NT	-54900.00	-9.539531	20	PASS
			LV	NT	-54900.00	-9.539531	20	PASS
			HV	NT	-53900.00	-9.365769	20	PASS
		5795	NV	NT	-55900.00	-9.646247	20	PASS
			LV	NT	-54900.00	-9.473684	20	PASS
			HV	NT	-54900.00	-9.473684	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-60000.00	-10.443864	20	PASS
			NV	-10	-60000.00	-10.443864	20	PASS
			NV	0	-60000.00	-10.443864	20	PASS
			NV	10	-60000.00	-10.443864	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-60000.00	-10.443864	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	-60000.00	-10.443864	20	PASS
		5785	NV	-30	-40000.00	-6.914434	20	PASS
			NV	-20	-60000.00	-10.371651	20	PASS
			NV	-10	-60000.00	-10.371651	20	PASS
			NV	0	-60000.00	-10.371651	20	PASS
			NV	10	-60000.00	-10.371651	20	PASS
			NV	20	-40000.00	-6.914434	20	PASS
			NV	30	-60000.00	-10.371651	20	PASS
			NV	40	-60000.00	-10.371651	20	PASS
			NV	50	-60000.00	-10.371651	20	PASS
		5825	NV	-30	-80000.00	-13.733906	20	PASS
			NV	-20	-60000.00	-10.300429	20	PASS
			NV	-10	-80000.00	-13.733906	20	PASS
			NV	0	-60000.00	-10.300429	20	PASS
			NV	10	-60000.00	-10.300429	20	PASS
			NV	20	-80000.00	-13.733906	20	PASS
			NV	30	-60000.00	-10.300429	20	PASS
			NV	40	-60000.00	-10.300429	20	PASS

			NV	50	-80000.00	-13.733906	20	PASS
11N20SISO	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-40000.00	-6.962576	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	-40000.00	-6.962576	20	PASS
		5785	NV	-30	-40000.00	-6.914434	20	PASS
			NV	-20	-60000.00	-10.371651	20	PASS
			NV	-10	-60000.00	-10.371651	20	PASS
			NV	0	-40000.00	-6.914434	20	PASS
			NV	10	-60000.00	-10.371651	20	PASS
			NV	20	-40000.00	-6.914434	20	PASS
			NV	30	-40000.00	-6.914434	20	PASS
			NV	40	-40000.00	-6.914434	20	PASS
			NV	50	-40000.00	-6.914434	20	PASS
		5825	NV	-30	-40000.00	-6.866953	20	PASS
			NV	-20	-60000.00	-10.300429	20	PASS
			NV	-10	-60000.00	-10.300429	20	PASS
			NV	0	-60000.00	-10.300429	20	PASS
			NV	10	-60000.00	-10.300429	20	PASS
			NV	20	-60000.00	-10.300429	20	PASS
			NV	30	-60000.00	-10.300429	20	PASS
			NV	40	-60000.00	-10.300429	20	PASS
			NV	50	-60000.00	-10.300429	20	PASS
11N40SISO	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			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	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			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	40	-40000.00	-6.902502	20	PASS

			NV	50	0.00	0.000000	20	PASS
11AC20SIS O	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-40000.00	-6.962576	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-60000.00	-10.443864	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-60000.00	-10.443864	20	PASS
			NV	40	-40000.00	-6.962576	20	PASS
			NV	50	-40000.00	-6.962576	20	PASS
		5785	NV	-30	-60000.00	-10.371651	20	PASS
			NV	-20	-60000.00	-10.371651	20	PASS
			NV	-10	-40000.00	-6.914434	20	PASS
			NV	0	-60000.00	-10.371651	20	PASS
			NV	10	-40000.00	-6.914434	20	PASS
			NV	20	-40000.00	-6.914434	20	PASS
			NV	30	-40000.00	-6.914434	20	PASS
			NV	40	-60000.00	-10.371651	20	PASS
			NV	50	-60000.00	-10.371651	20	PASS
		5825	NV	-30	-60000.00	-10.300429	20	PASS
			NV	-20	-60000.00	-10.300429	20	PASS
			NV	-10	-60000.00	-10.300429	20	PASS
			NV	0	-60000.00	-10.300429	20	PASS
			NV	10	-60000.00	-10.300429	20	PASS
			NV	20	-60000.00	-10.300429	20	PASS
			NV	30	-60000.00	-10.300429	20	PASS
			NV	40	-60000.00	-10.300429	20	PASS
			NV	50	-60000.00	-10.300429	20	PASS
11AC40SIS O	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
			NV	-20	-40000.00	-6.950478	20	PASS
			NV	-10	-40000.00	-6.950478	20	PASS
			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	-40000.00	-6.950478	20	PASS
			NV	40	-40000.00	-6.950478	20	PASS
			NV	50	-40000.00	-6.950478	20	PASS
		5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	-40000.00	-6.902502	20	PASS
			NV	0	-40000.00	-6.902502	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	40	0.00	0.000000	20	PASS

			NV	50	0.00	0.000000	20	PASS
11AX20SIS O	Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS
			NV	-20	-60000.00	-10.443864	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-60000.00	-10.443864	20	PASS
			NV	10	-60000.00	-10.443864	20	PASS
			NV	20	-60000.00	-10.443864	20	PASS
			NV	30	-60000.00	-10.443864	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	-60000.00	-10.443864	20	PASS
		5785	NV	-30	-55900.00	-9.662921	20	PASS
			NV	-20	-55900.00	-9.662921	20	PASS
			NV	-10	-54900.00	-9.490061	20	PASS
			NV	0	-55900.00	-9.662921	20	PASS
			NV	10	-54900.00	-9.490061	20	PASS
			NV	20	-54900.00	-9.490061	20	PASS
			NV	30	-54900.00	-9.490061	20	PASS
			NV	40	-54900.00	-9.490061	20	PASS
			NV	50	-54900.00	-9.490061	20	PASS
		5825	NV	-30	-54900.00	-9.424893	20	PASS
			NV	-20	-54900.00	-9.424893	20	PASS
			NV	-10	-55900.00	-9.596567	20	PASS
			NV	0	-55900.00	-9.596567	20	PASS
			NV	10	-55900.00	-9.596567	20	PASS
			NV	20	-55900.00	-9.596567	20	PASS
			NV	30	-55900.00	-9.596567	20	PASS
			NV	40	-54900.00	-9.424893	20	PASS
			NV	50	-54900.00	-9.424893	20	PASS
11AX40SIS O	Ant1	5755	NV	-30	-53900.00	-9.365769	20	PASS
			NV	-20	-53900.00	-9.365769	20	PASS
			NV	-10	-53900.00	-9.365769	20	PASS
			NV	0	-54900.00	-9.539531	20	PASS
			NV	10	-53900.00	-9.365769	20	PASS
			NV	20	-53900.00	-9.365769	20	PASS
			NV	30	-54900.00	-9.539531	20	PASS
			NV	40	-53900.00	-9.365769	20	PASS
			NV	50	-53900.00	-9.365769	20	PASS
		5795	NV	-30	-54900.00	-9.473684	20	PASS
			NV	-20	-54900.00	-9.473684	20	PASS
			NV	-10	-54900.00	-9.473684	20	PASS
			NV	0	-54900.00	-9.473684	20	PASS
			NV	10	-54900.00	-9.473684	20	PASS
			NV	20	-54900.00	-9.473684	20	PASS
			NV	30	-54900.00	-9.473684	20	PASS
			NV	40	-54900.00	-9.473684	20	PASS

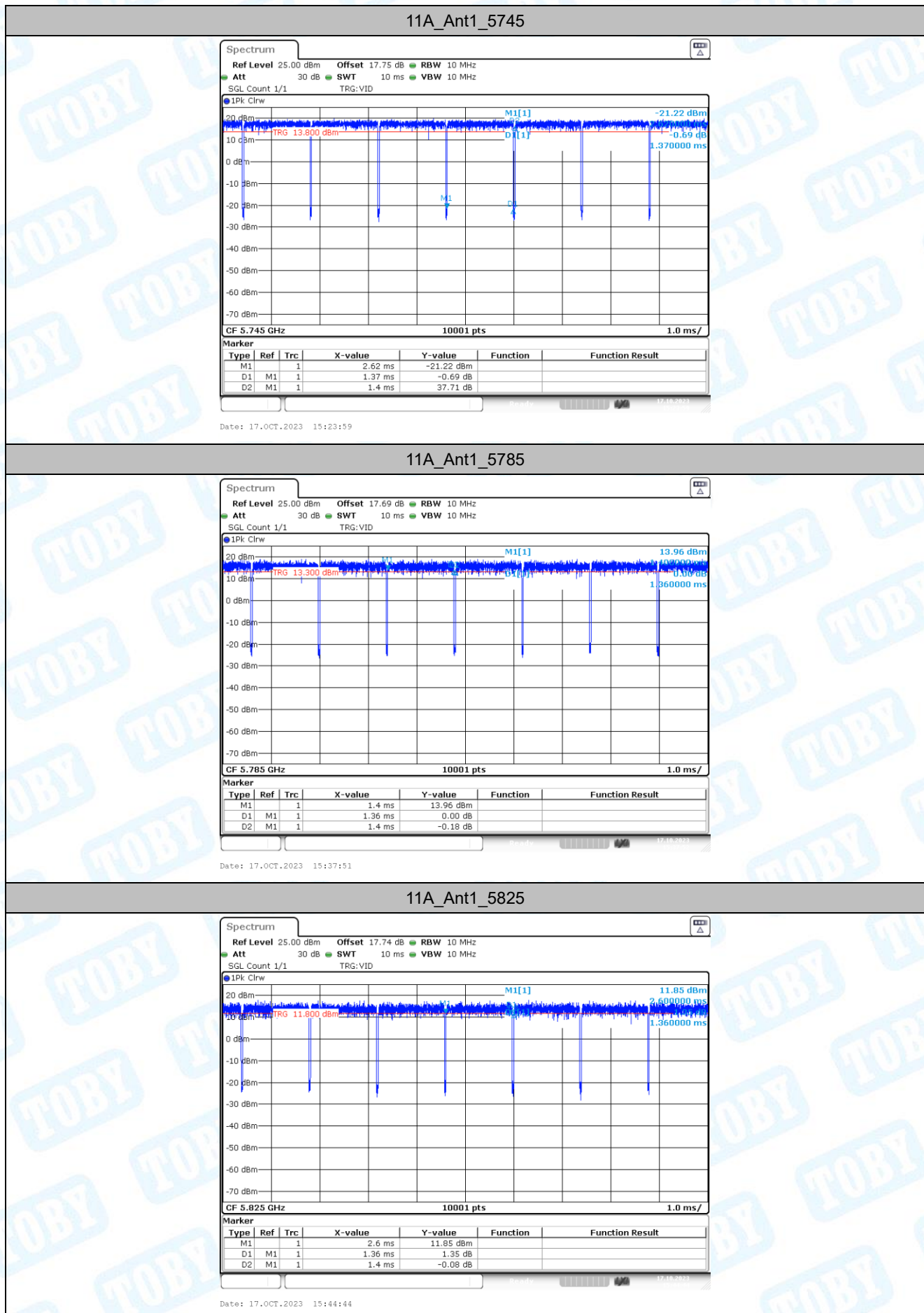
			NV	50	-54900.00	-9.473684	20	PASS
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7. Duty Cycle

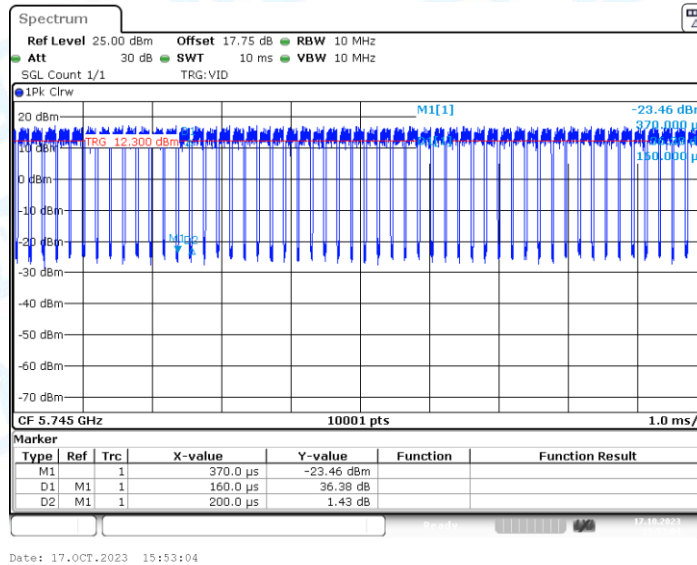
7.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]	Limit	Verdict
11A	Ant1	5745	1.37	1.40	97.86	0.729927	---	---
		5785	1.36	1.40	97.14	0.735294	---	---
		5825	1.36	1.40	97.14	0.735294	---	---
11N20SISO	Ant1	5745	0.16	0.20	80.00	6.25	---	---
		5785	0.16	0.19	84.21	6.25	---	---
		5825	0.16	0.19	84.21	6.25	---	---
11N40SISO	Ant1	5755	0.10	0.13	76.92	10	---	---
		5795	0.09	0.13	69.23	11.11111	---	---
11AC20SISO	Ant1	5745	0.15	0.18	83.33	6.666667	---	---
		5785	0.14	0.18	77.78	7.142857	---	---
		5825	0.14	0.17	82.35	7.142857	---	---
11AC40SISO	Ant1	5755	0.09	0.12	75.00	11.11111	---	---
		5795	0.10	0.13	76.92	10	---	---
11AX20SISO	Ant1	5745	0.12	0.15	80.00	8.333333	---	---
		5785	0.12	0.16	75.00	8.333333	---	---
		5825	0.12	0.16	75.00	8.333333	---	---
11AX40SISO	Ant1	5755	0.08	0.12	66.67	12.5	---	---
		5795	0.08	0.12	66.67	12.5	---	---

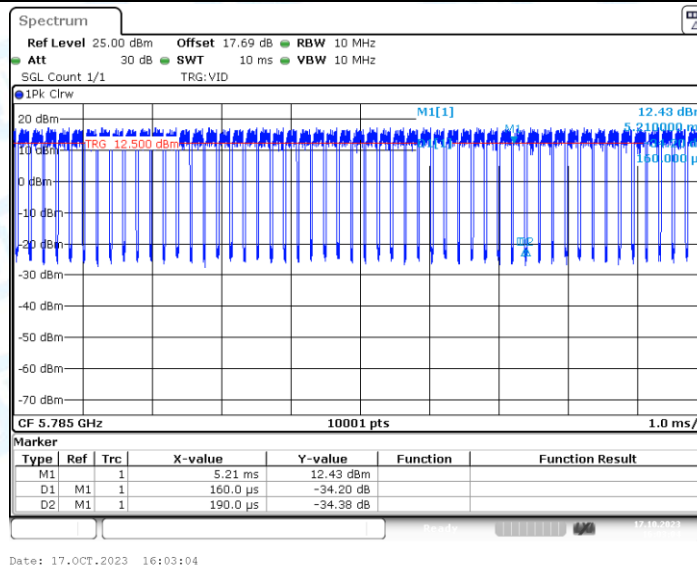
7.2. Test Graphs



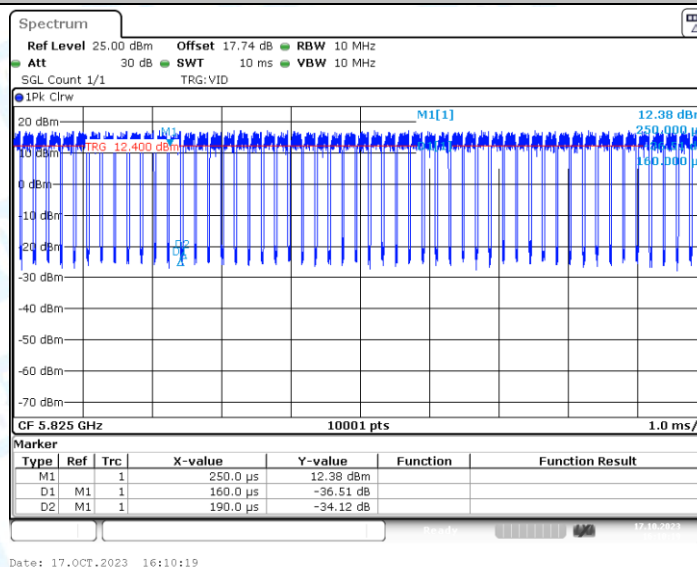
11N20SISO_Ant1_5745



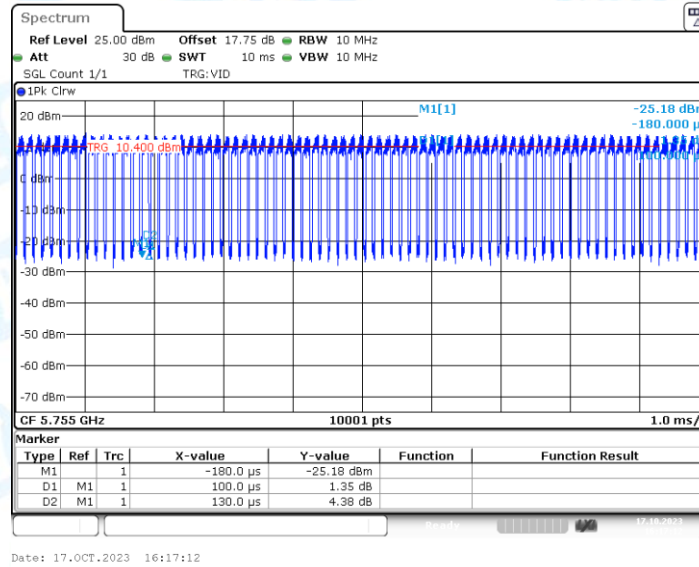
11N20SISO_Ant1_5785



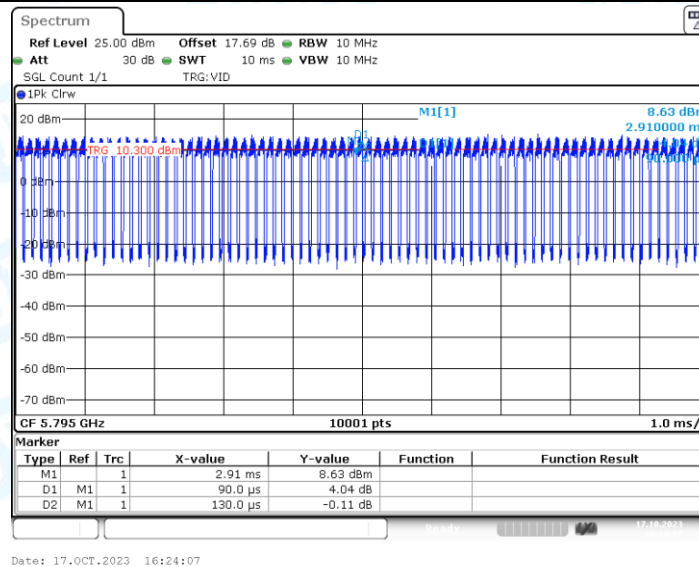
11N20SISO_Ant1_5825



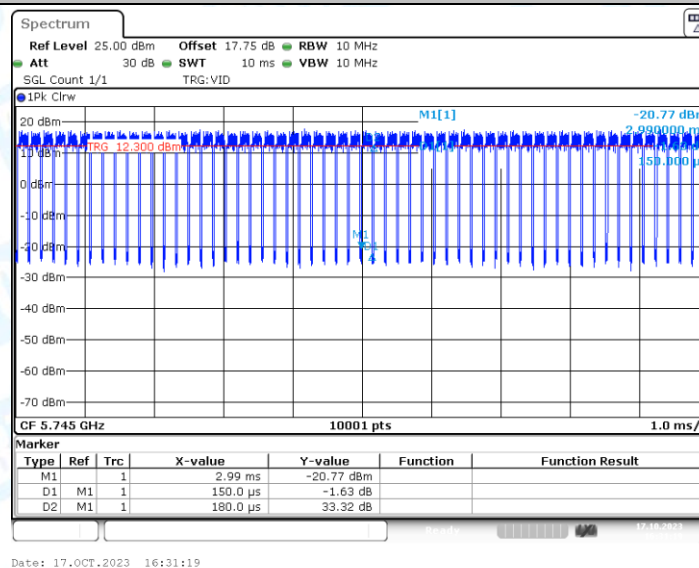
11N40SISO_Ant1_5755



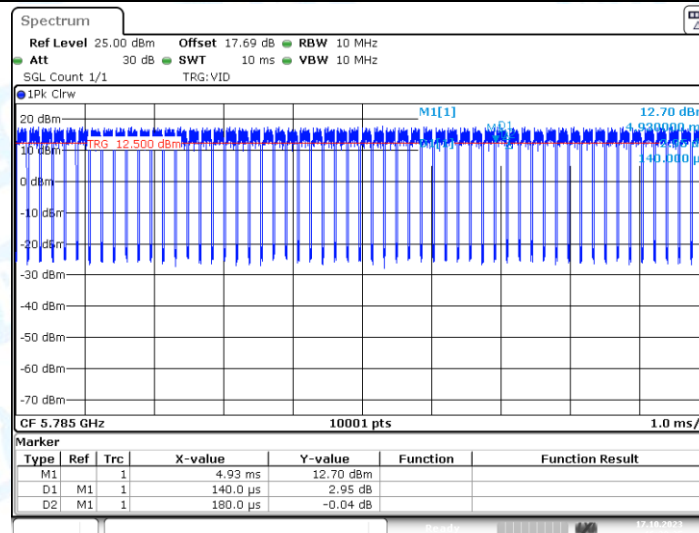
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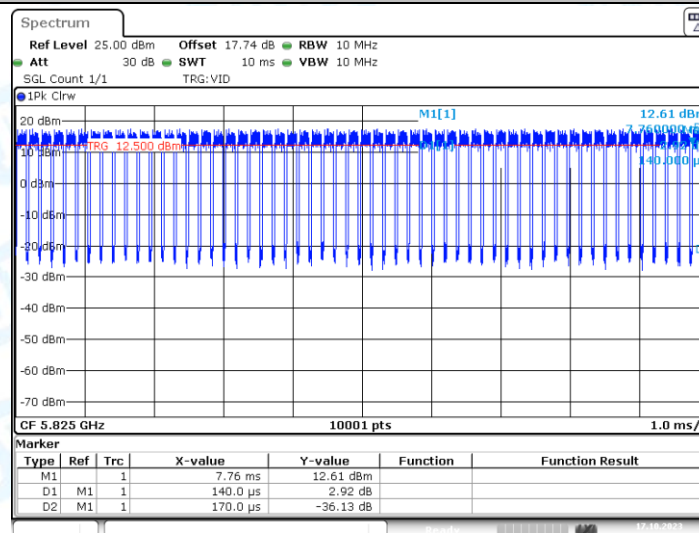


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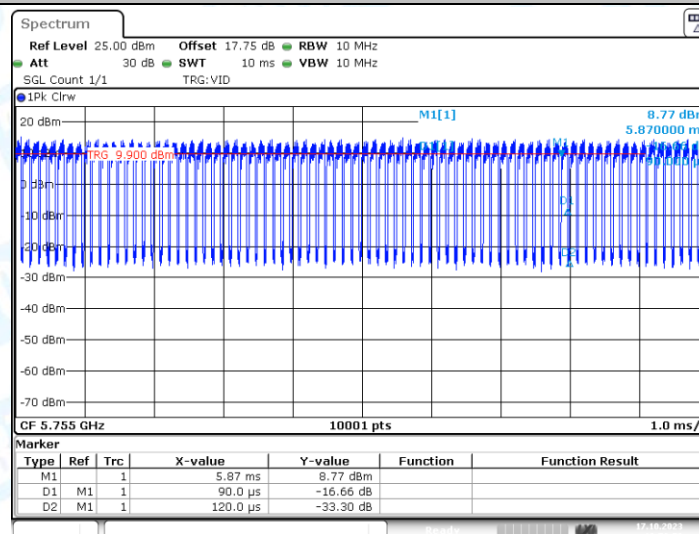
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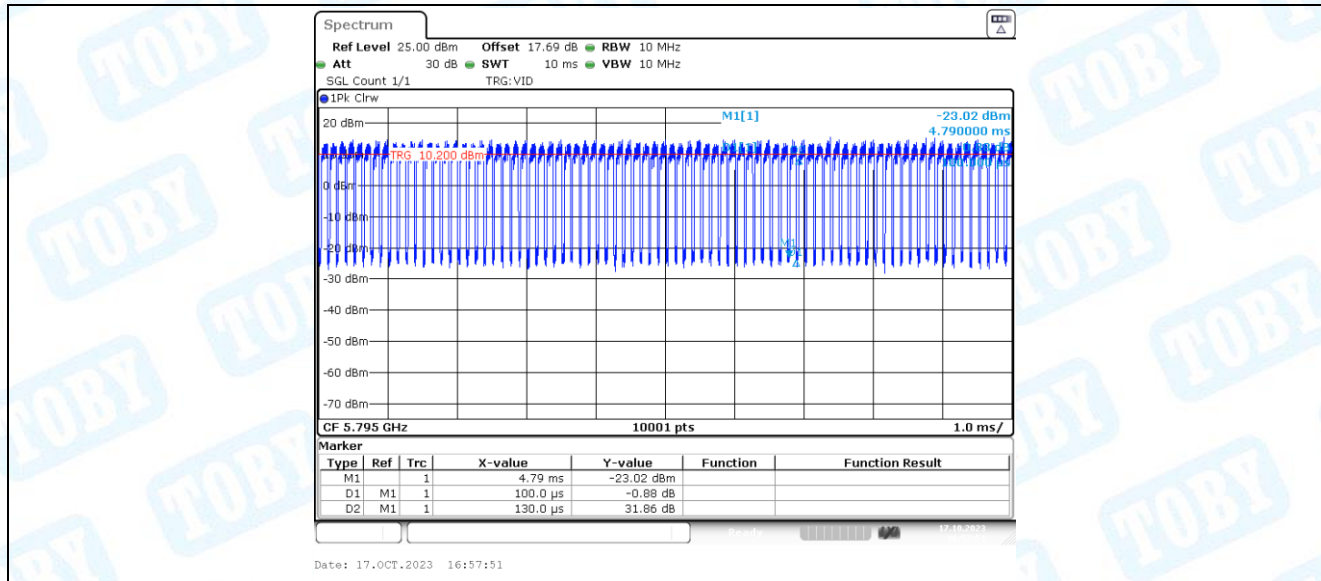
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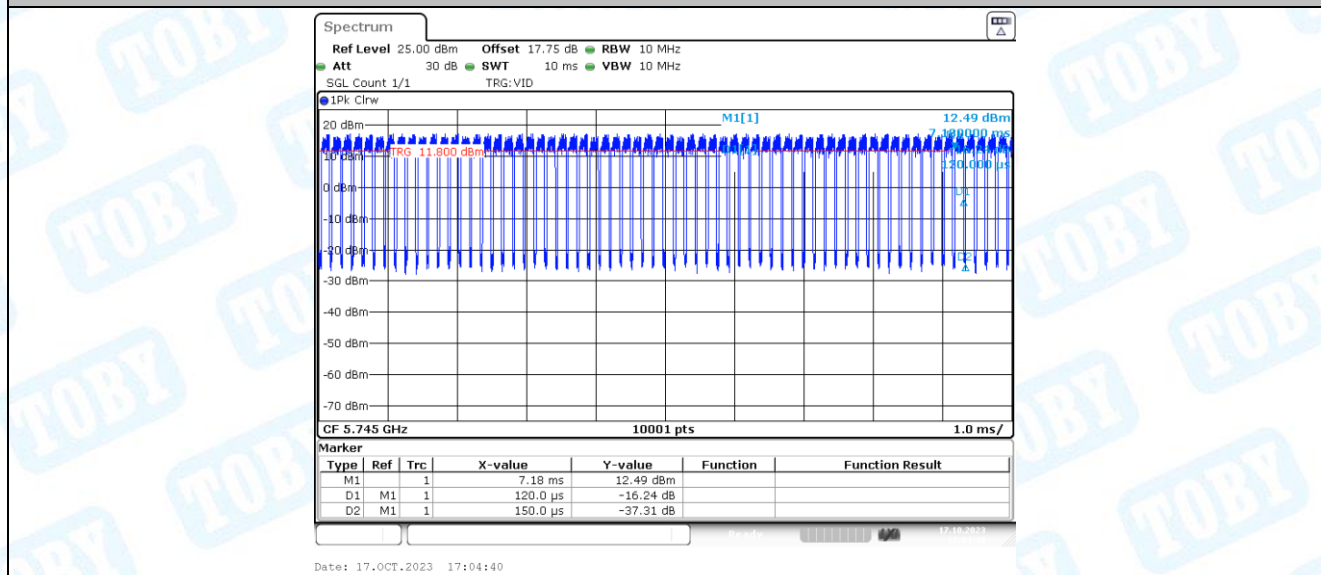


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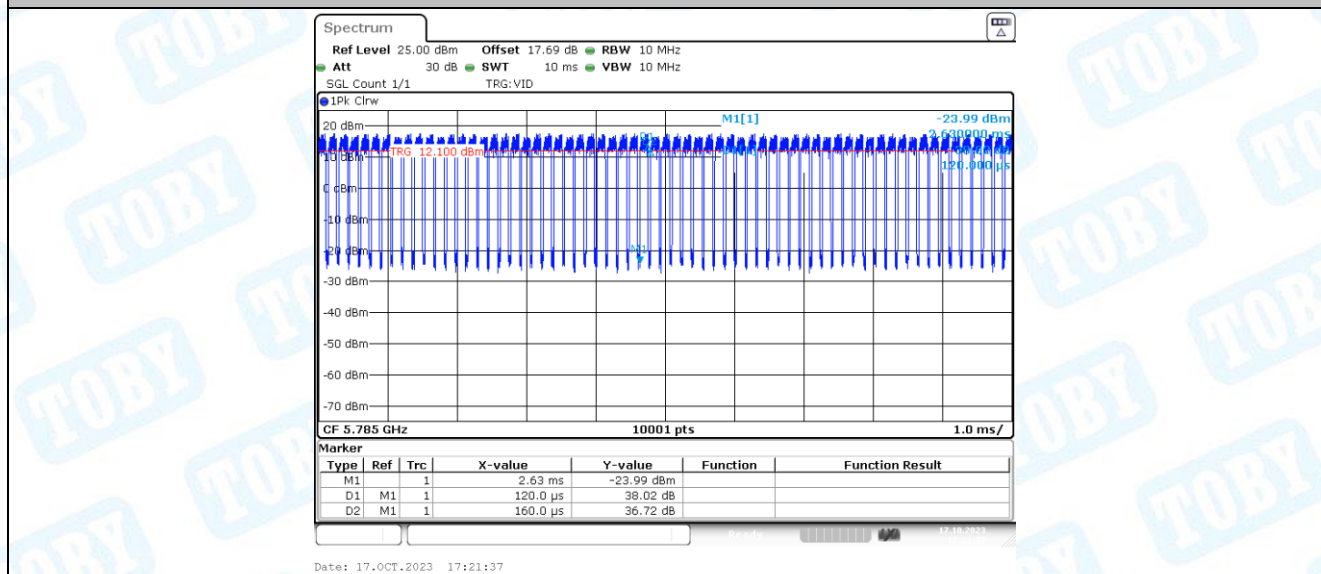
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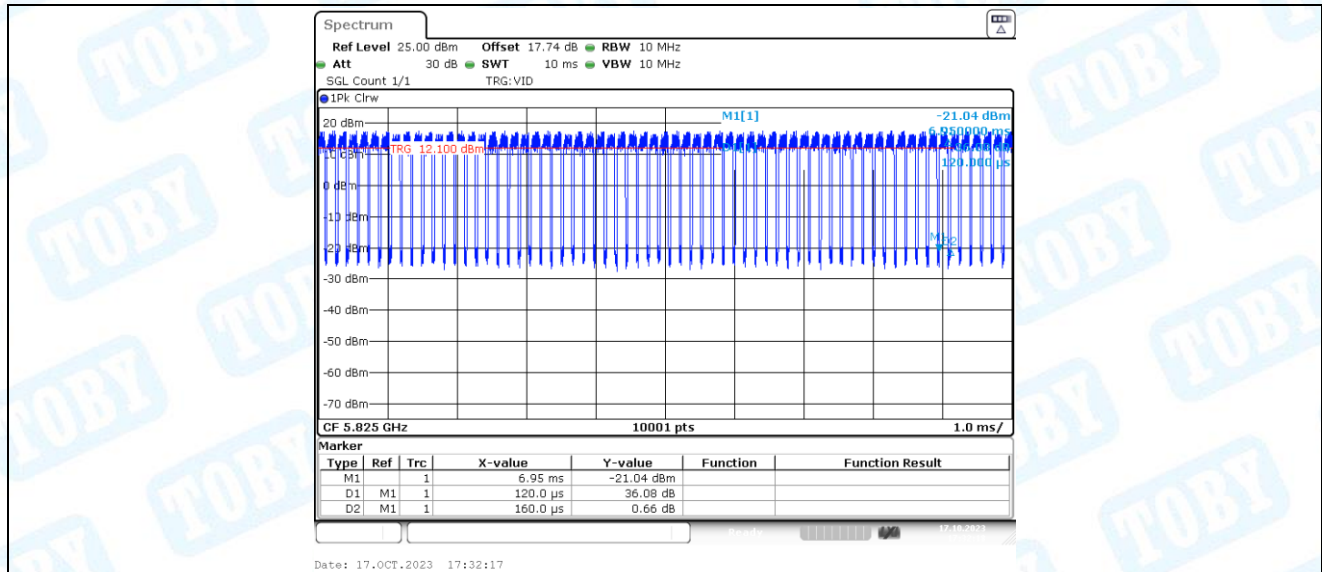
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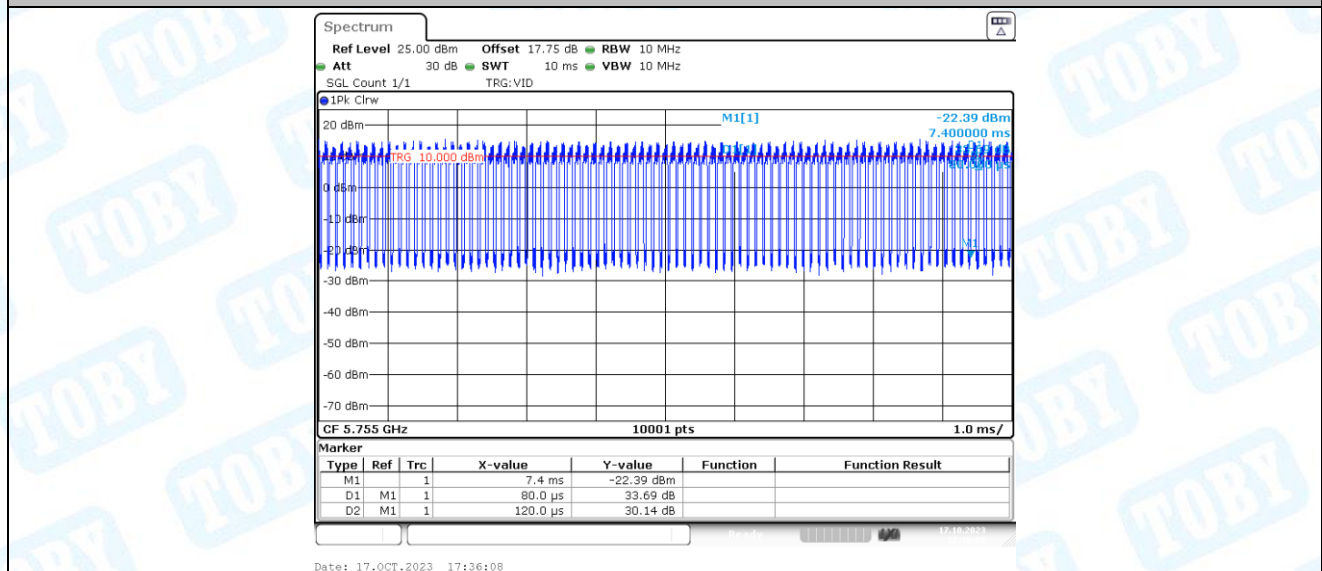
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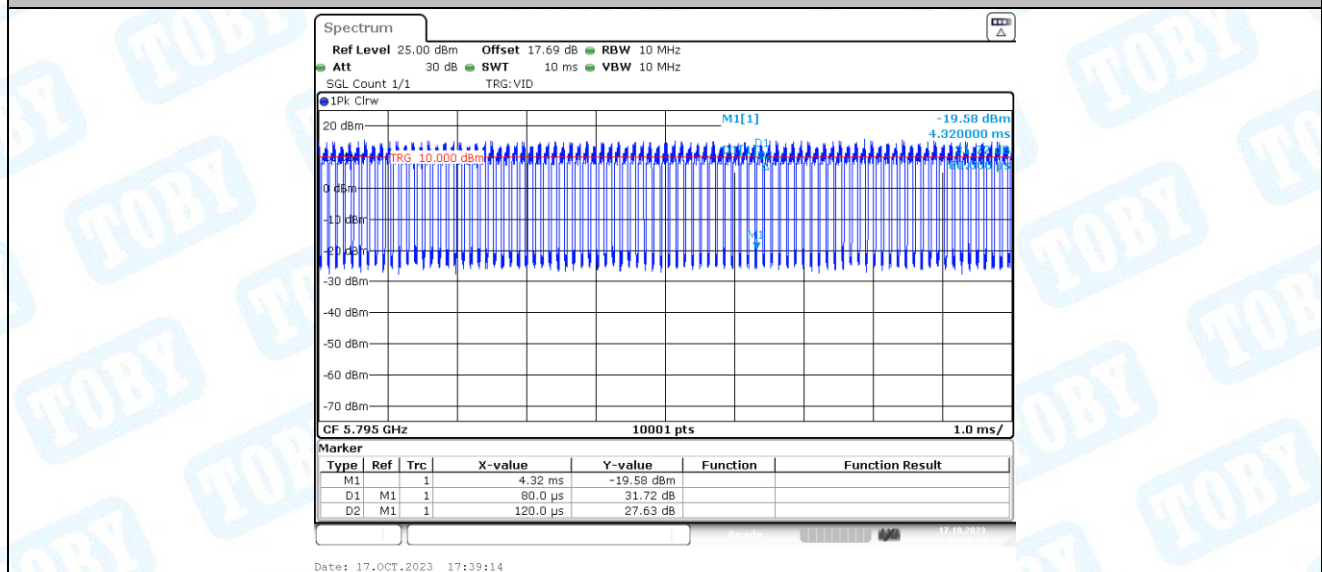
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11AX40SISO_Ant1_5795



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