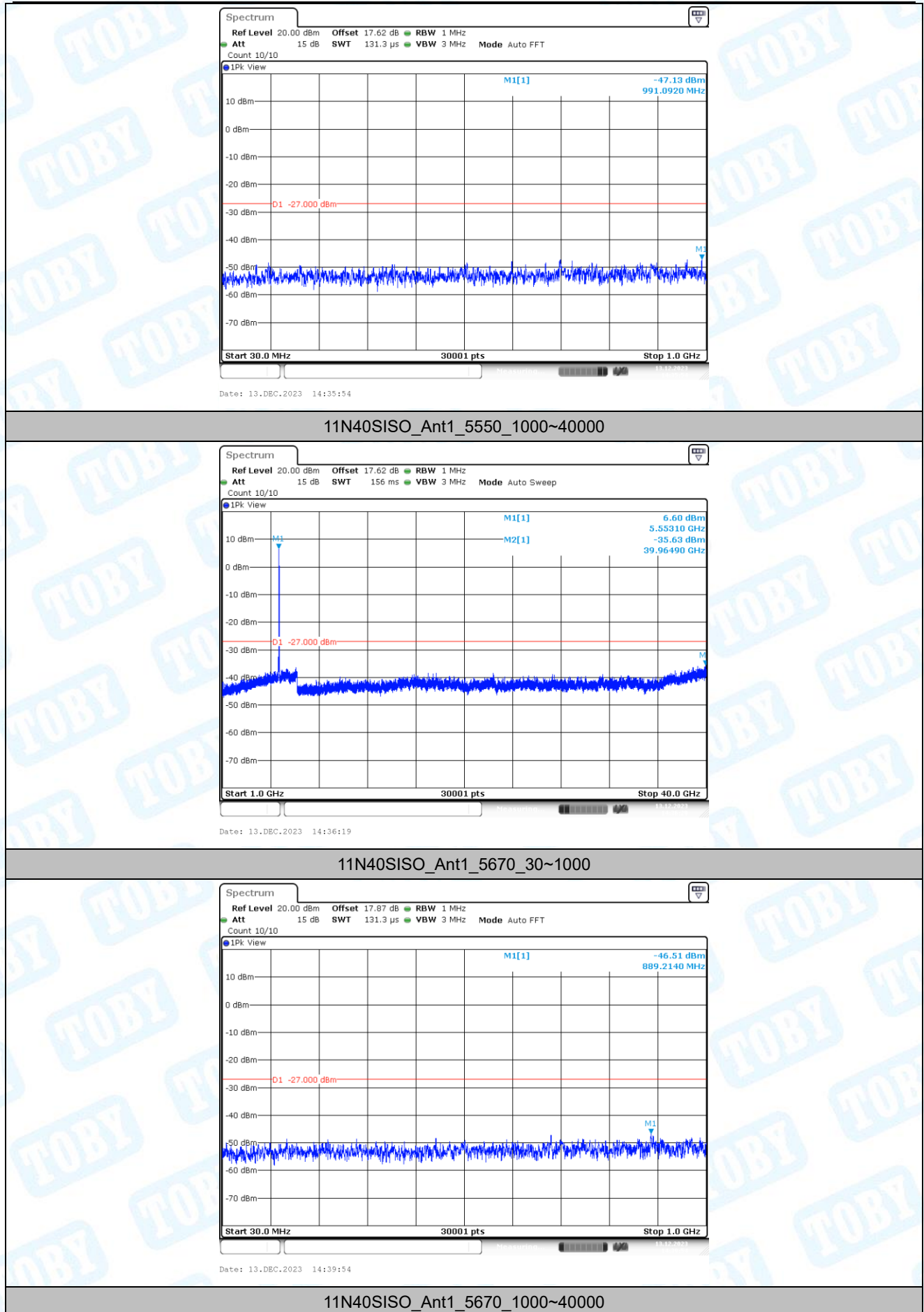
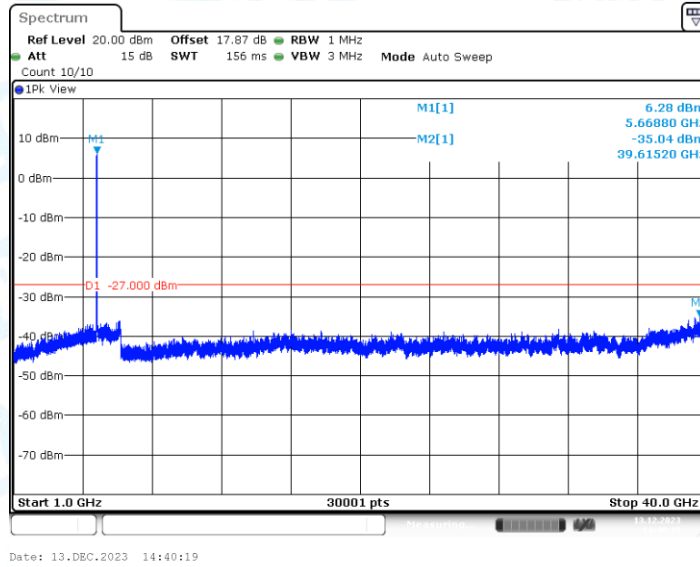
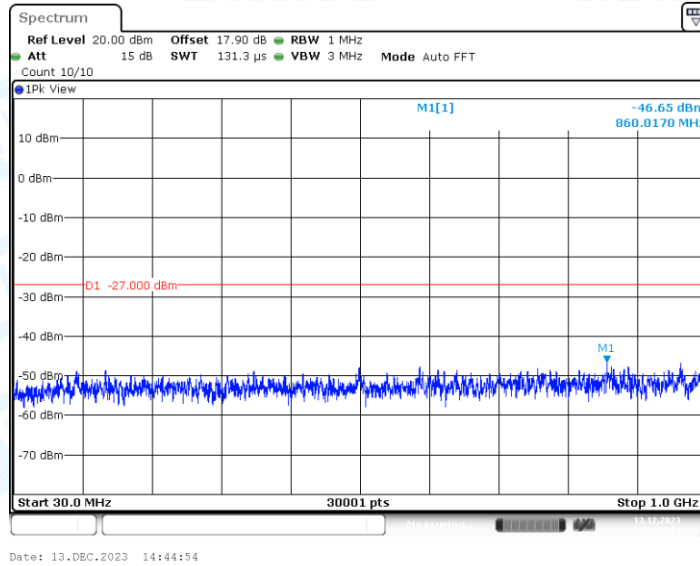


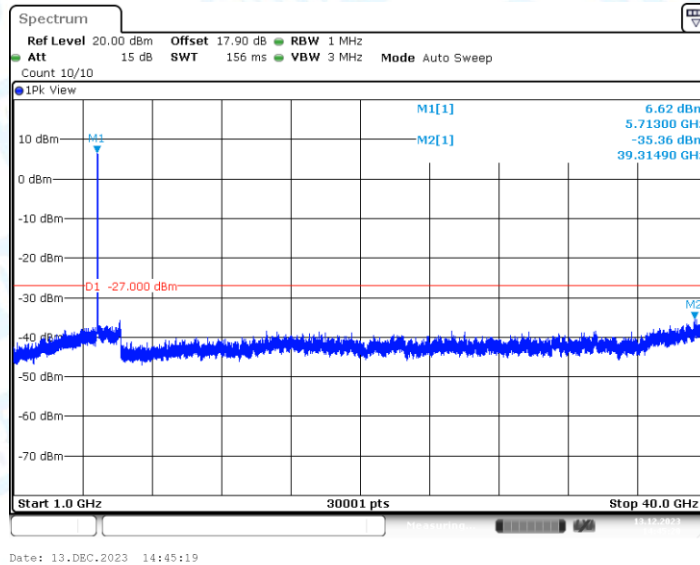




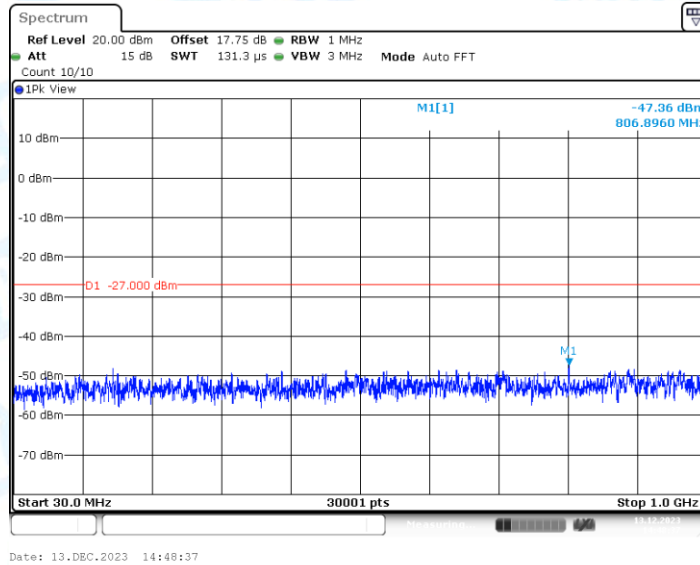
11N40SISO_Ant1_5710_30~1000



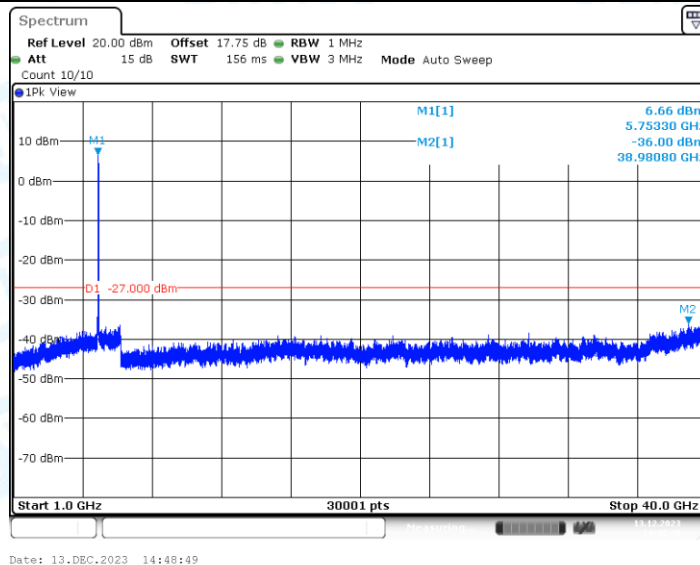
11N40SISO_Ant1_5710_1000~40000



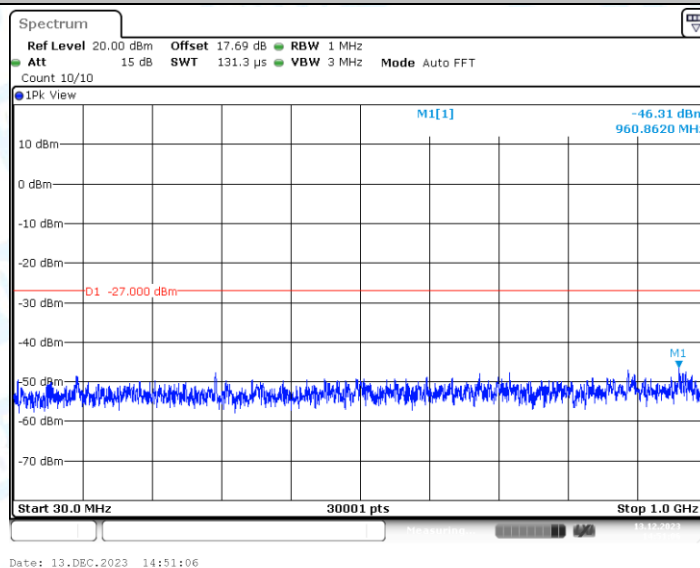
11N40SISO_Ant1_5755_30~1000



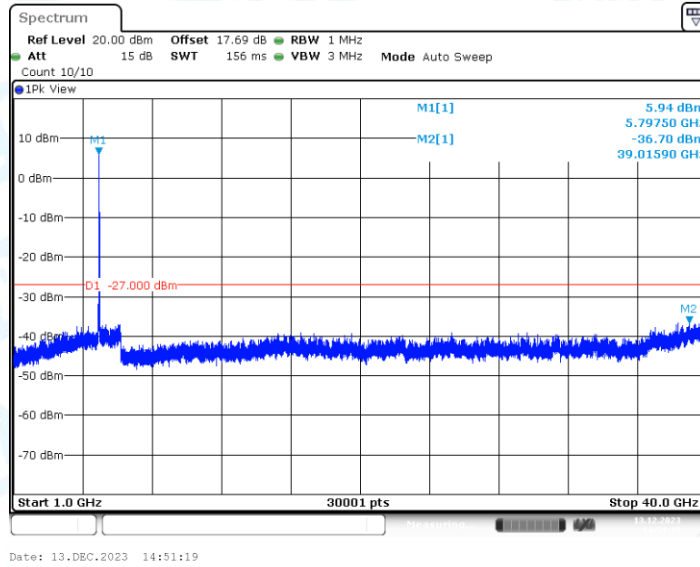
11N40SISO_Ant1_5755_1000~40000



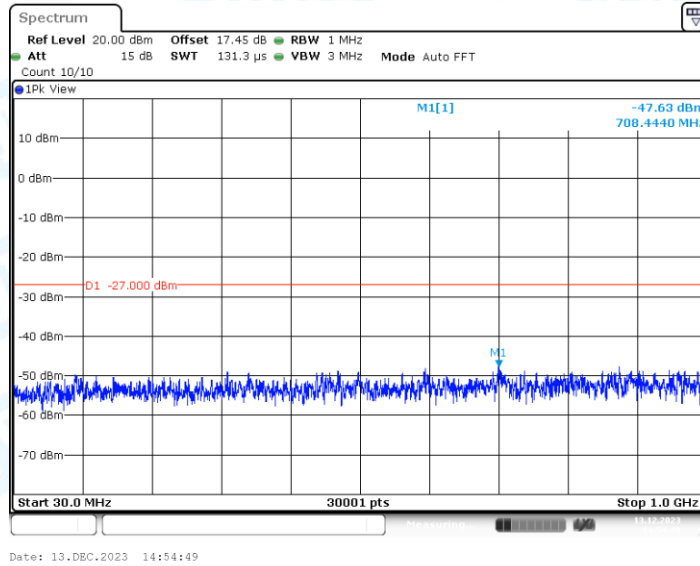
11N40SISO_Ant1_5795_30~1000



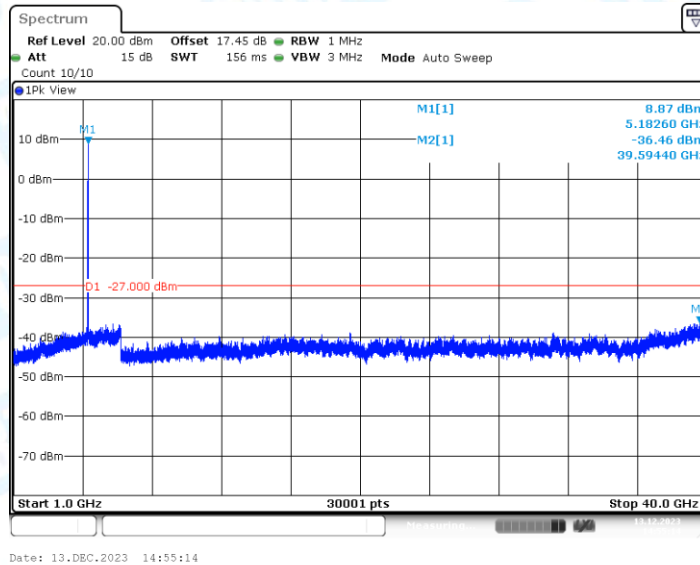
11N40SISO_Ant1_5795_1000~40000



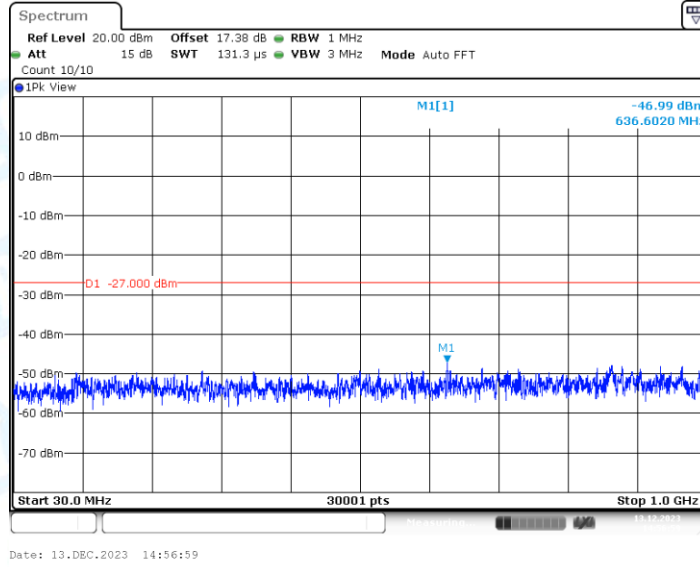
11AC20SISO_Ant1_5180_30~1000



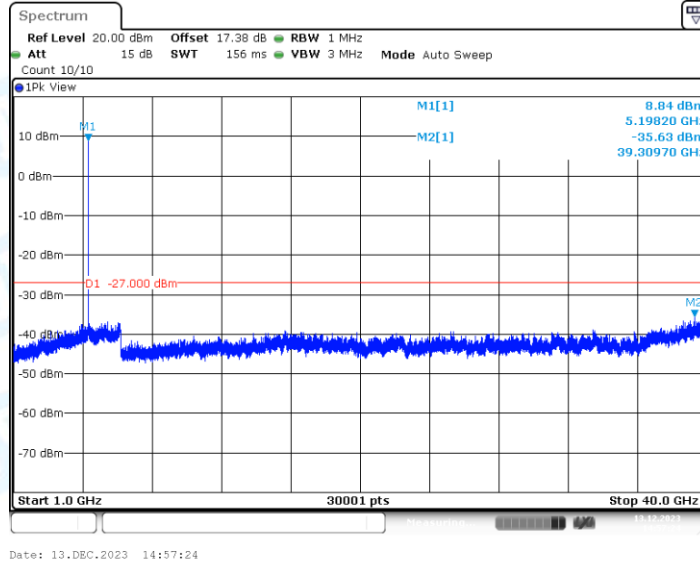
11AC20SISO_Ant1_5180_1000~40000



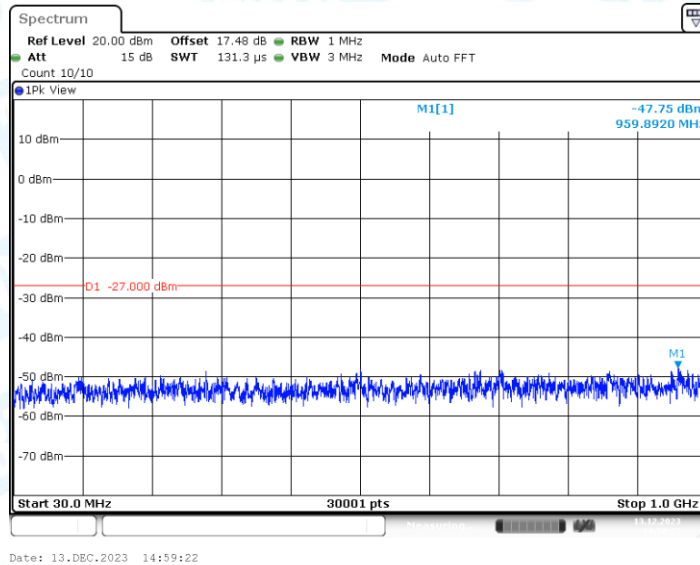
11AC20SISO_Ant1_5200_30~1000



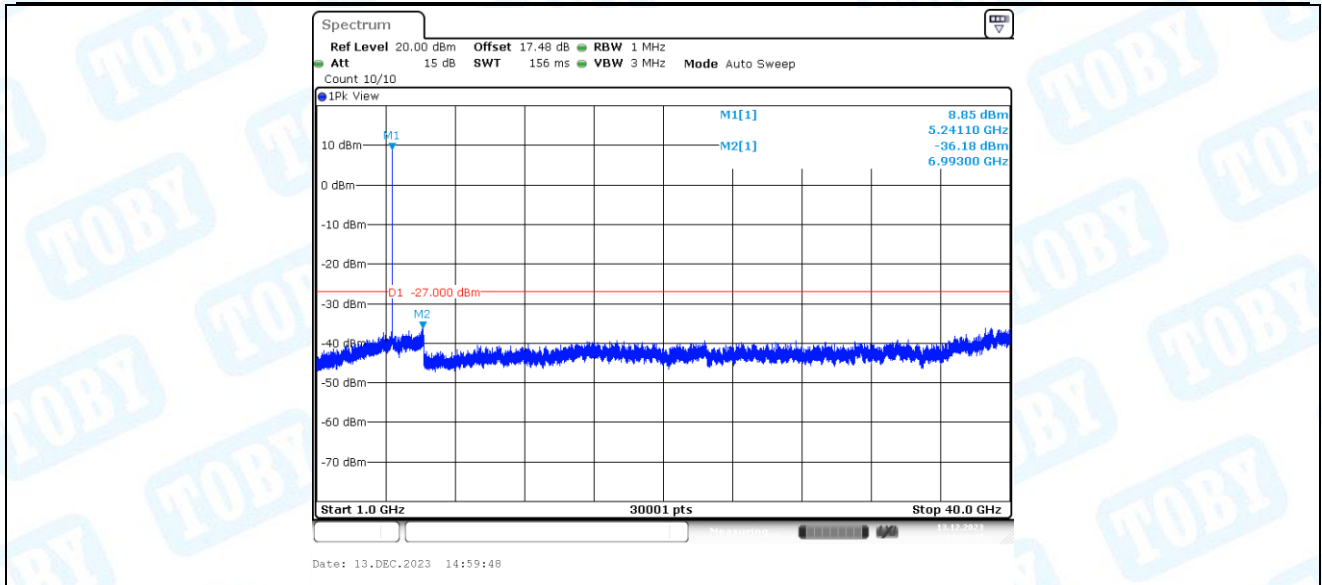
11AC20SISO_Ant1_5200_1000~40000



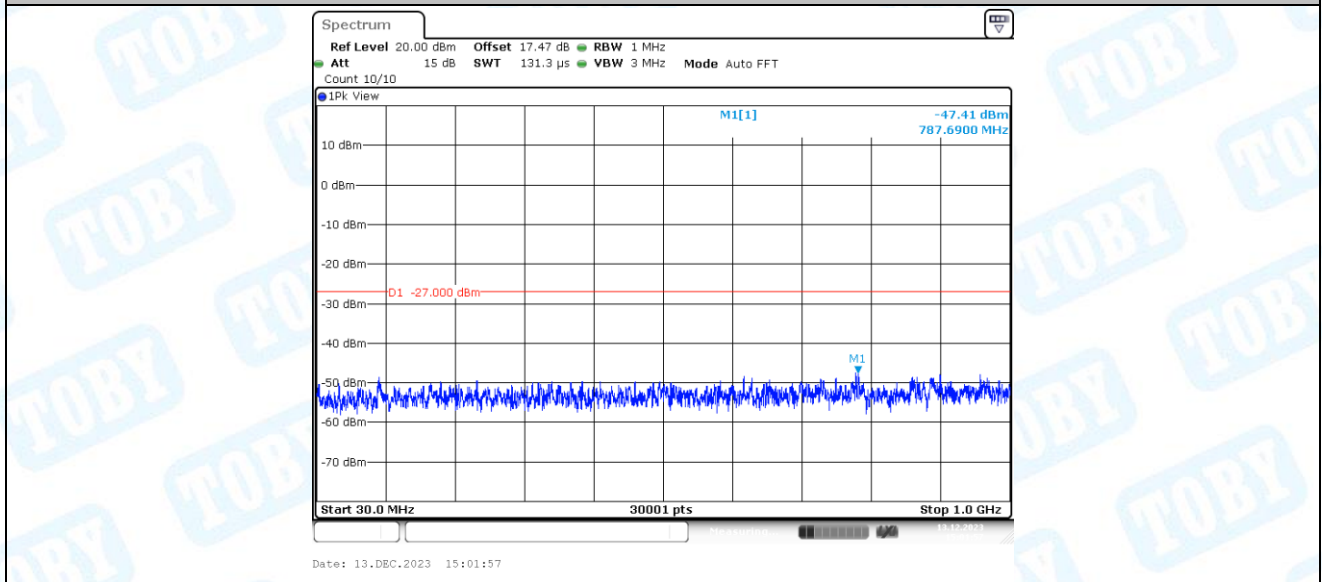
11AC20SISO_Ant1_5240_30~1000



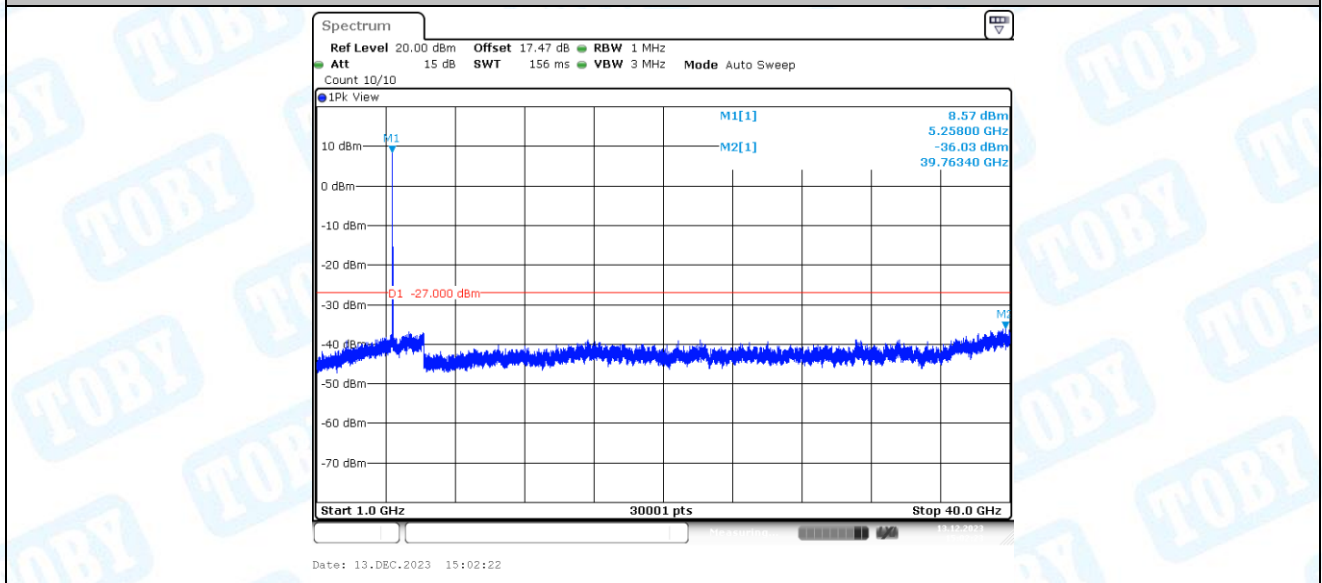
11AC20SISO_Ant1_5240_1000~40000



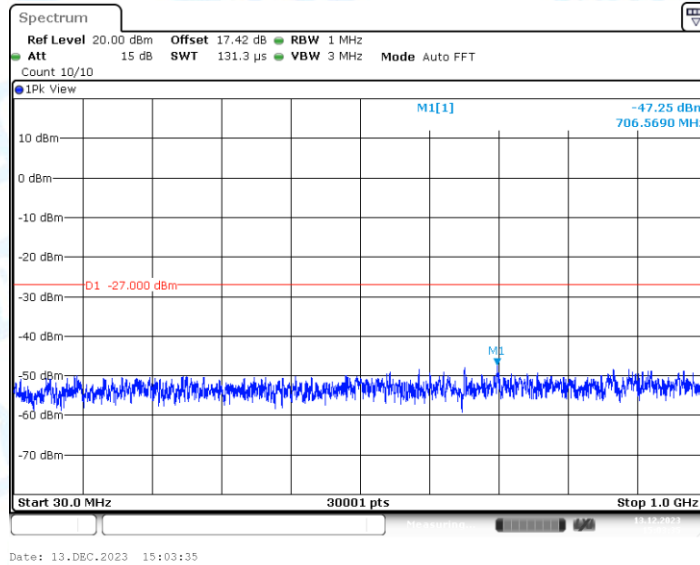
11AC20SISO_Ant1_5260_30~1000



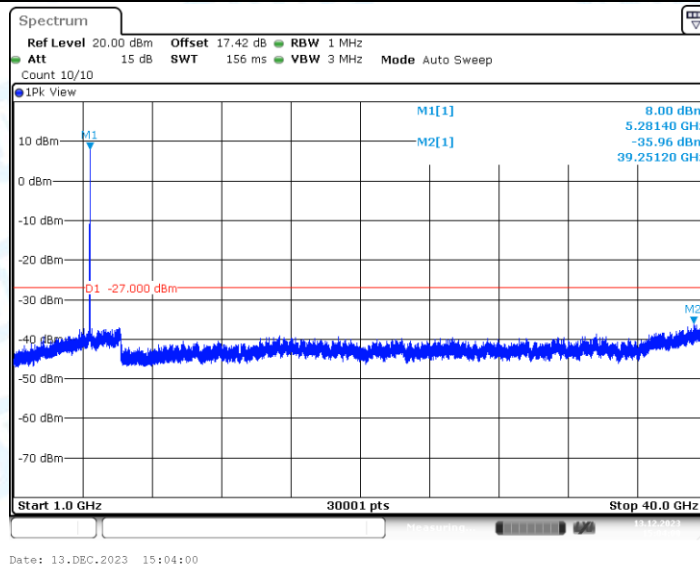
11AC20SISO_Ant1_5260_1000~40000



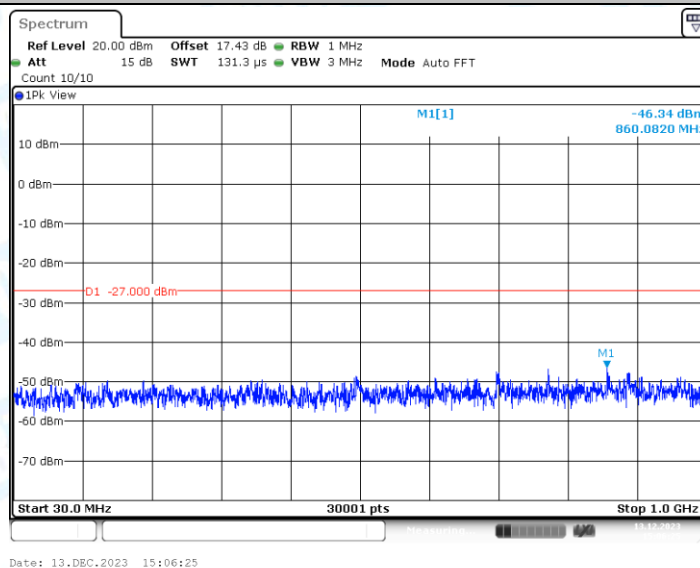
11AC20SISO_Ant1_5280_30~1000



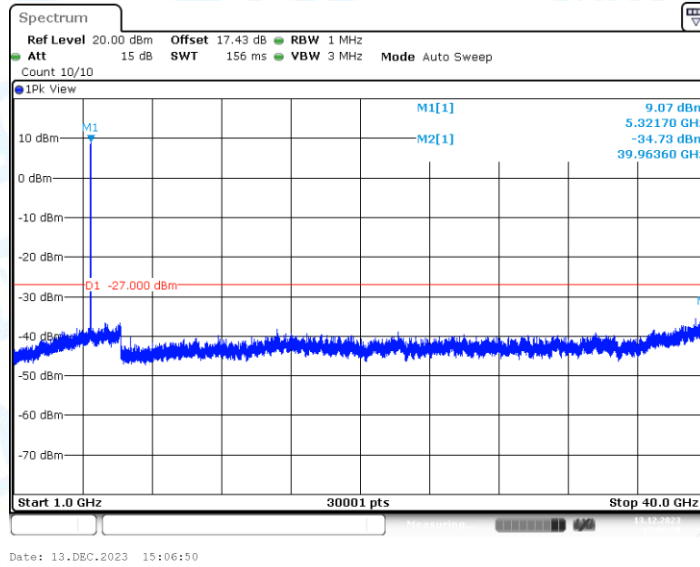
11AC20SISO_Ant1_5280_1000~40000



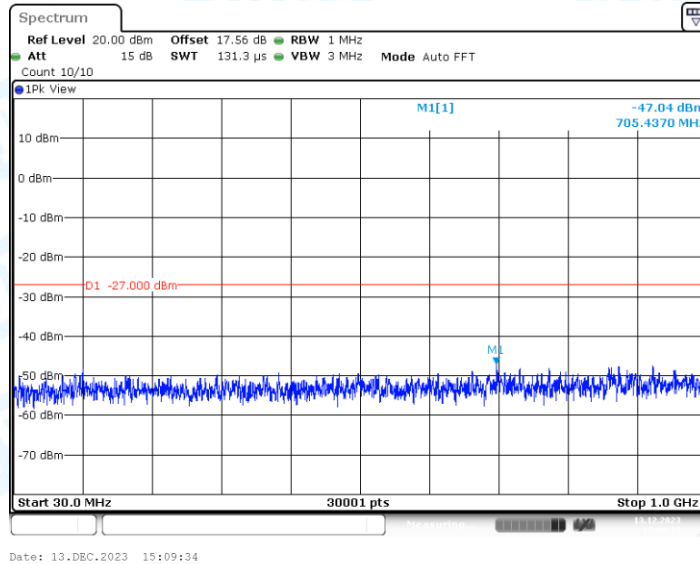
11AC20SISO_Ant1_5320_30~1000



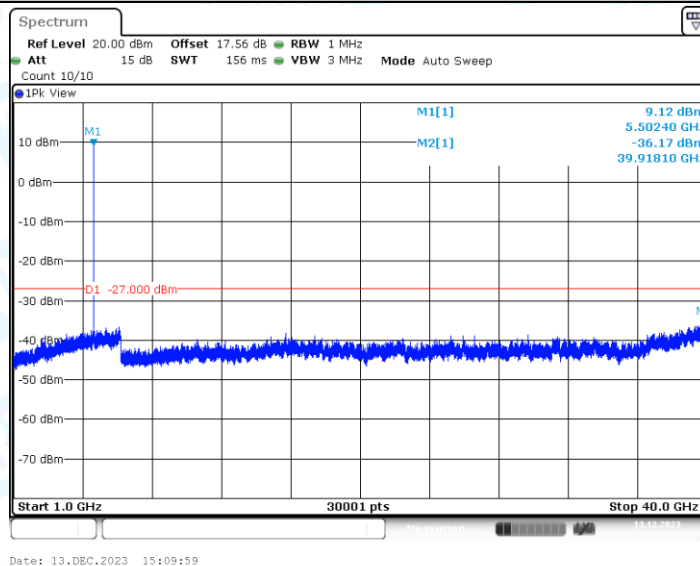
11AC20SISO_Ant1_5320_1000~40000



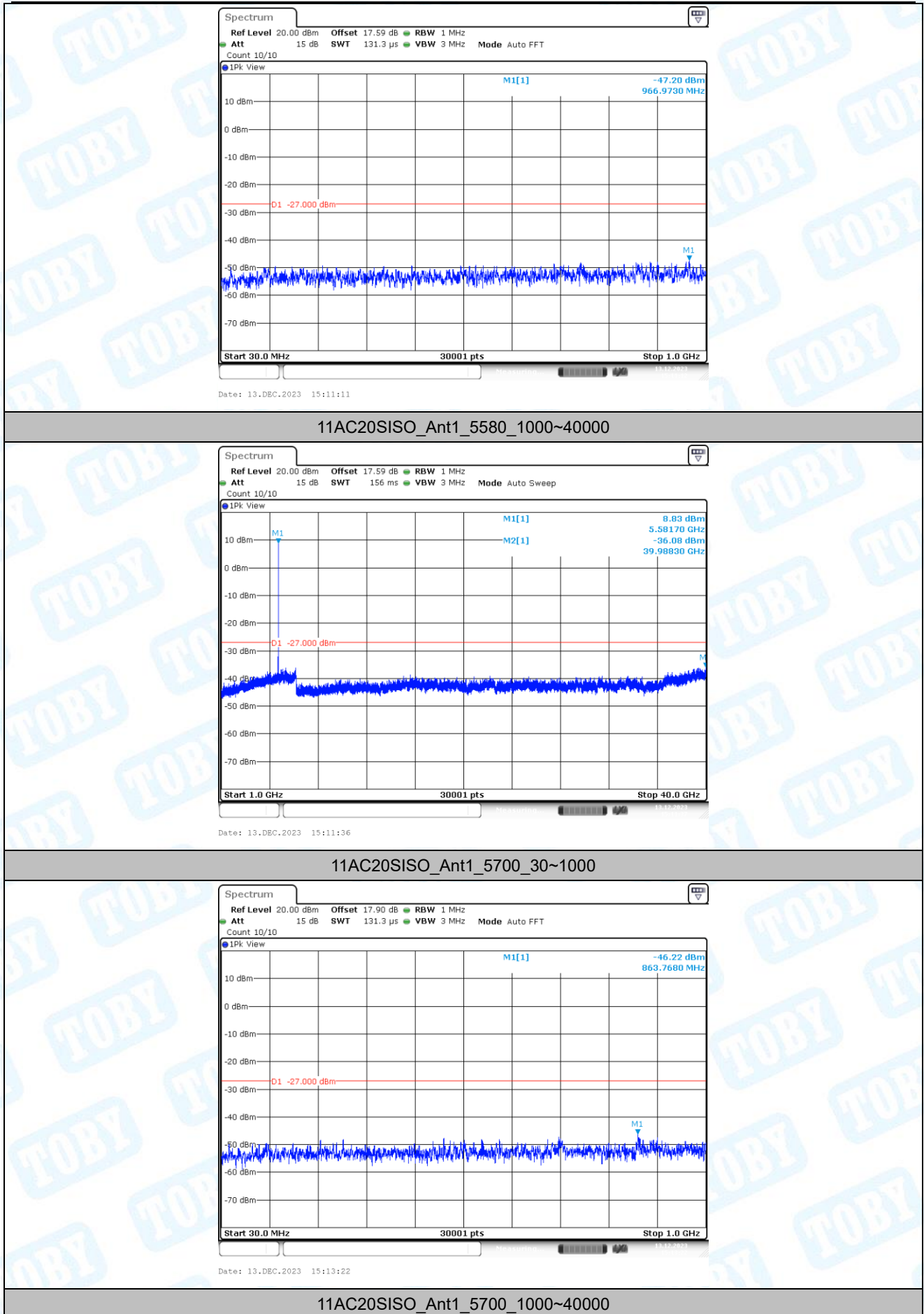
11AC20SISO_Ant1_5500_30~1000

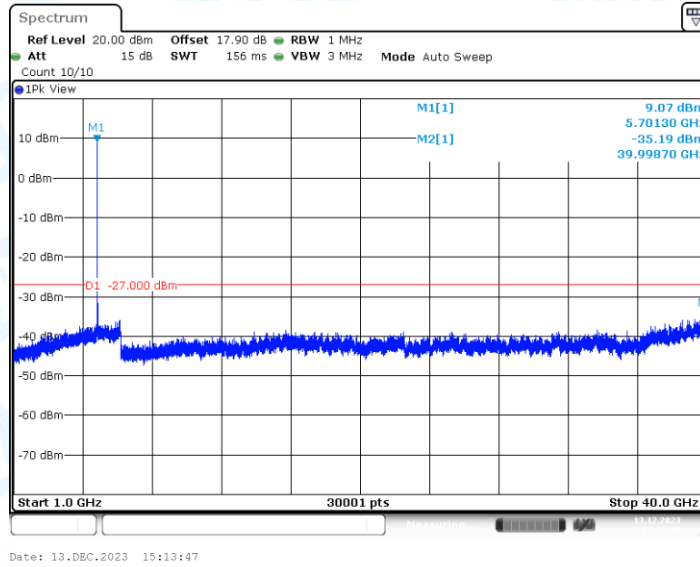


11AC20SISO_Ant1_5500_1000~40000

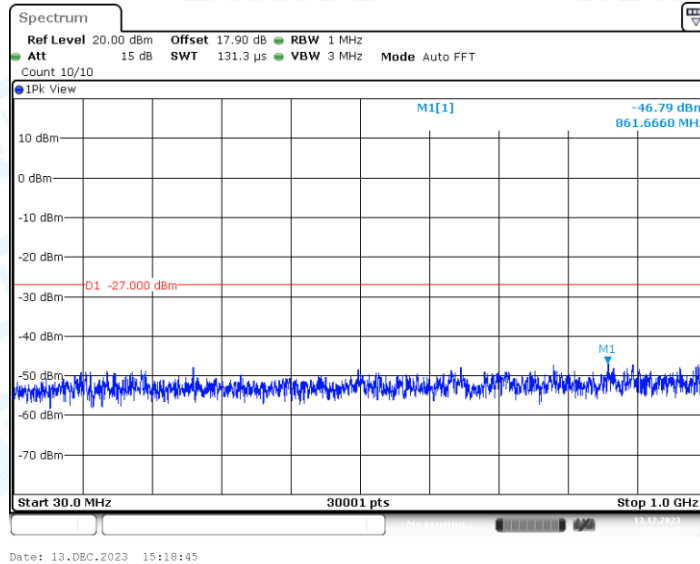


11AC20SISO_Ant1_5580_30~1000

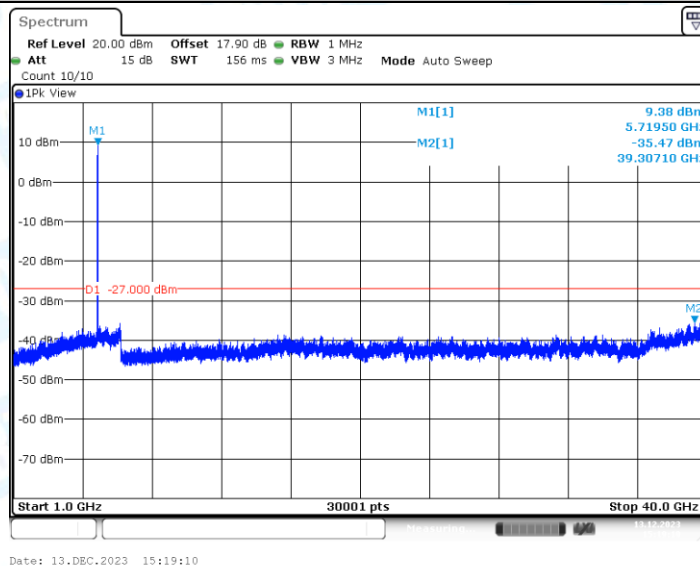




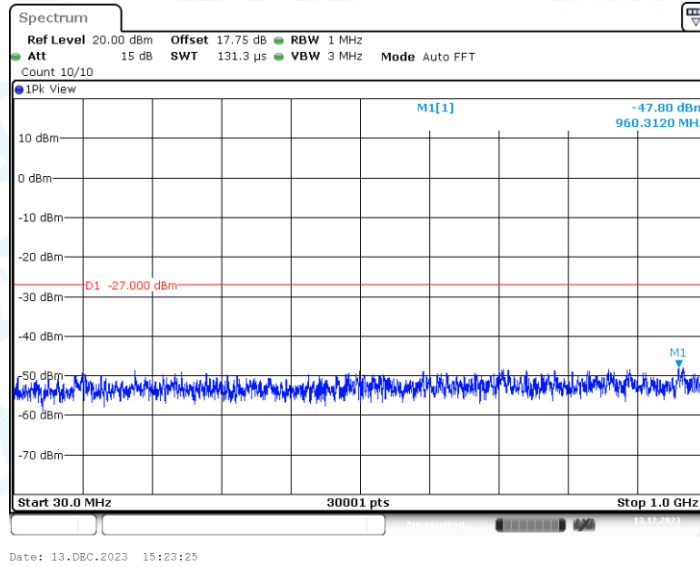
11AC20SISO_Ant1_5720_30~1000



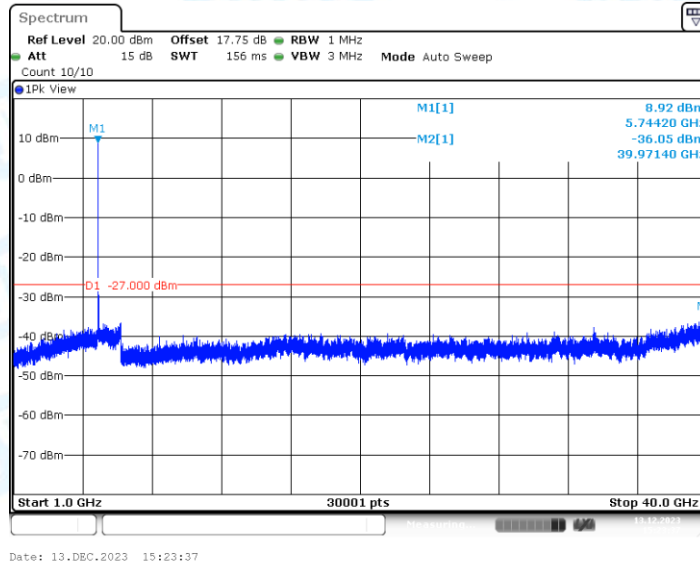
11AC20SISO_Ant1_5720_1000~40000



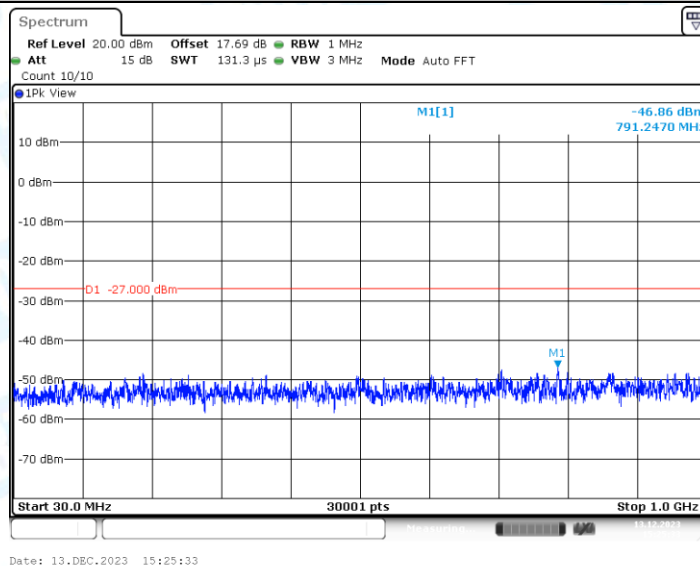
11AC20SISO_Ant1_5745_30~1000



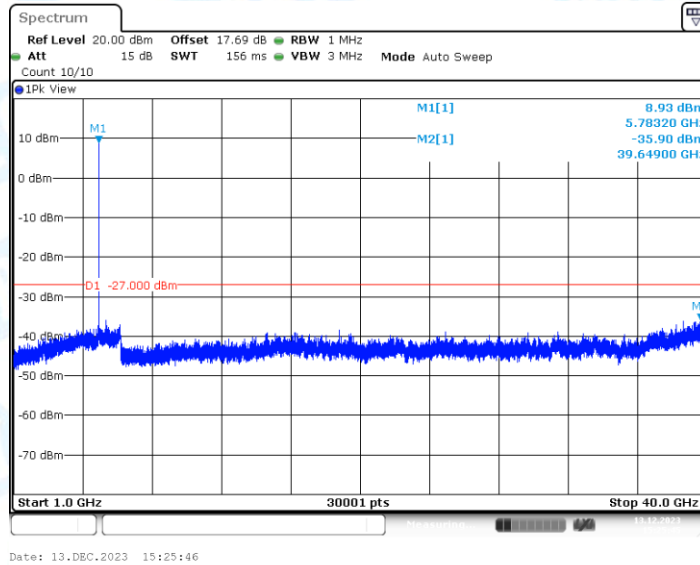
11AC20SISO_Ant1_5745_1000~40000



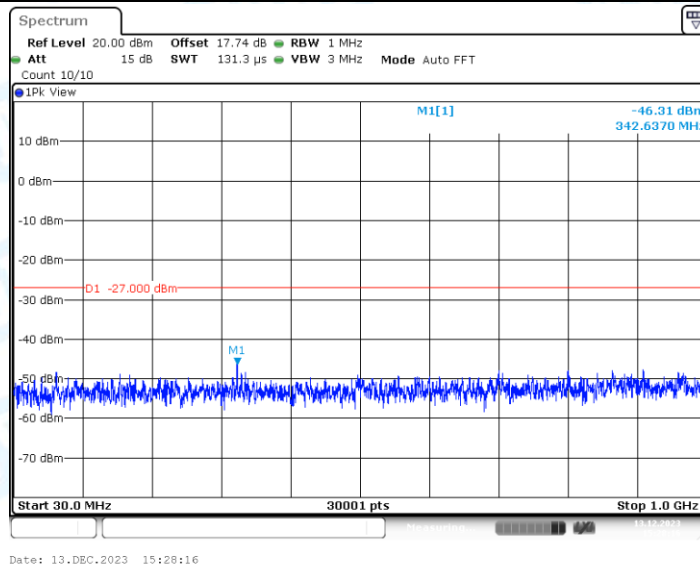
11AC20SISO_Ant1_5785_30~1000



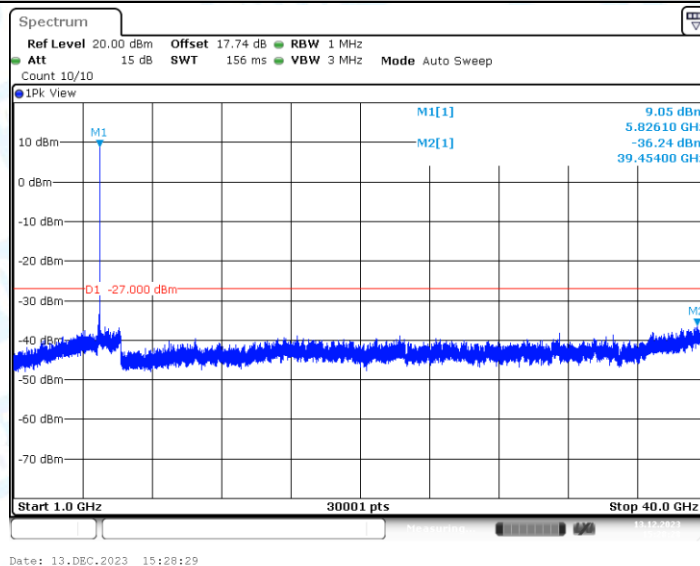
11AC20SISO_Ant1_5785_1000~40000



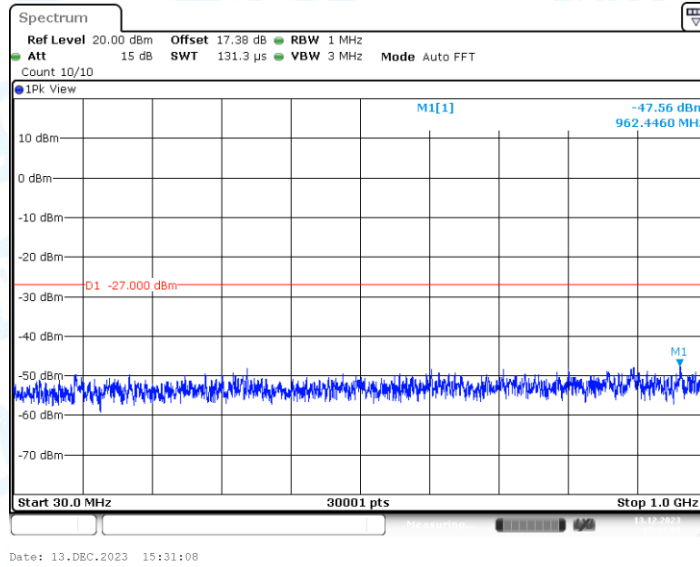
11AC20SISO_Ant1_5825_30~1000



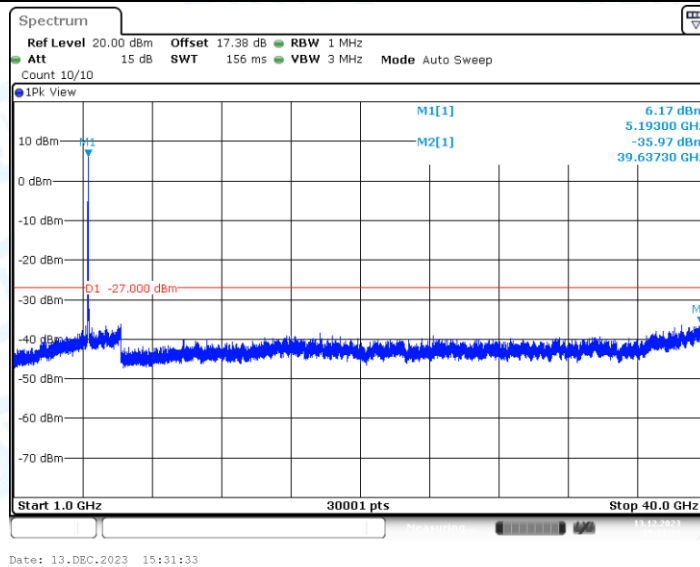
11AC20SISO_Ant1_5825_1000~40000



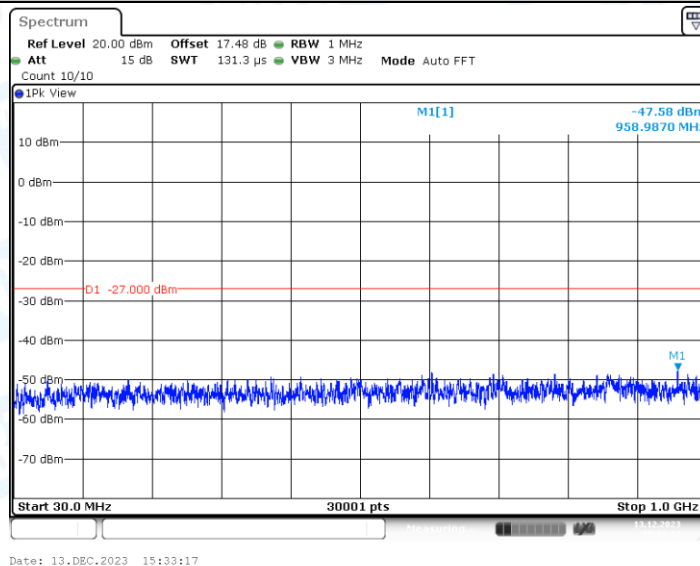
11AC40SISO_Ant1_5190_30~1000



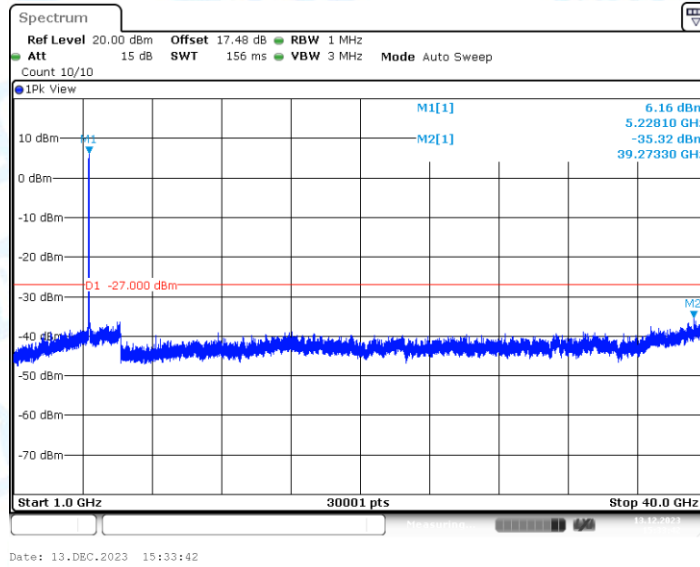
11AC40SISO_Ant1_5190_1000~40000



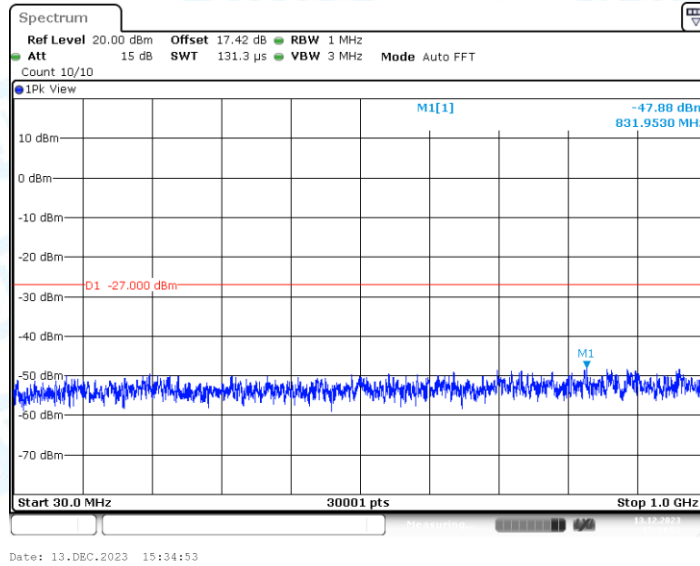
11AC40SISO_Ant1_5230_30~1000



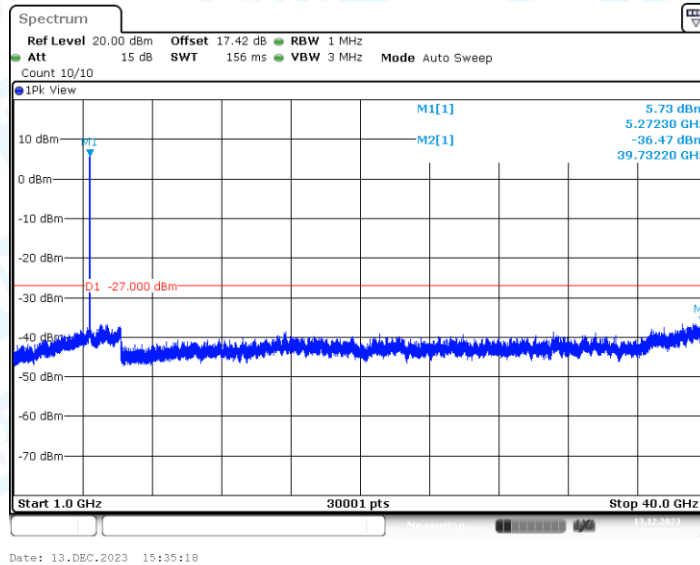
11AC40SISO_Ant1_5230_1000~40000



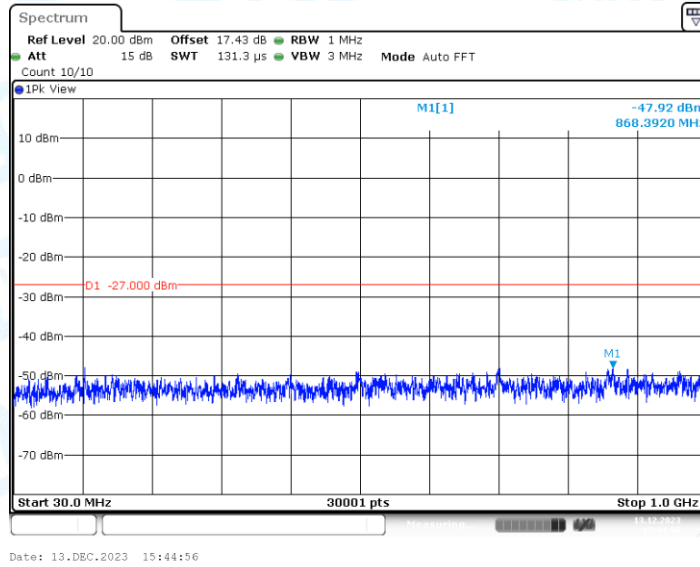
11AC40SISO_Ant1_5270_30~1000



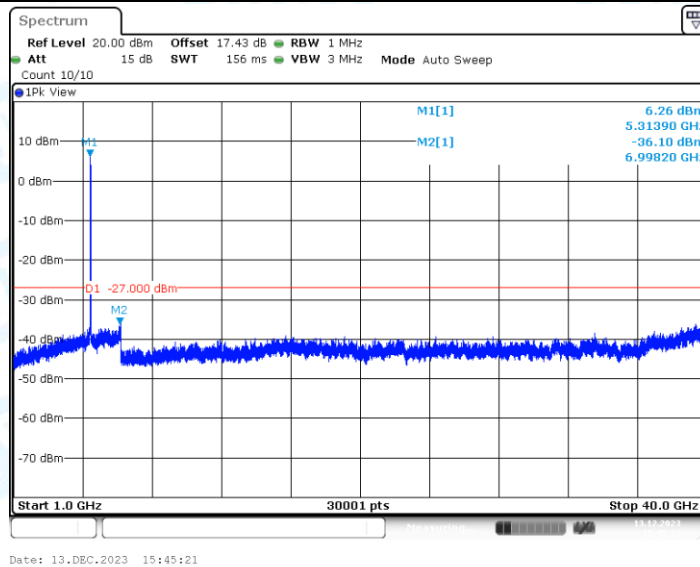
11AC40SISO_Ant1_5270_1000~40000



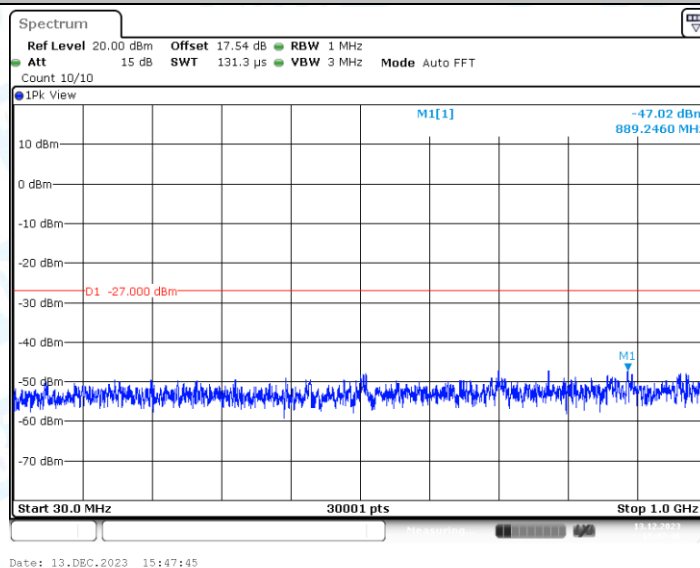
11AC40SISO_Ant1_5310_30~1000



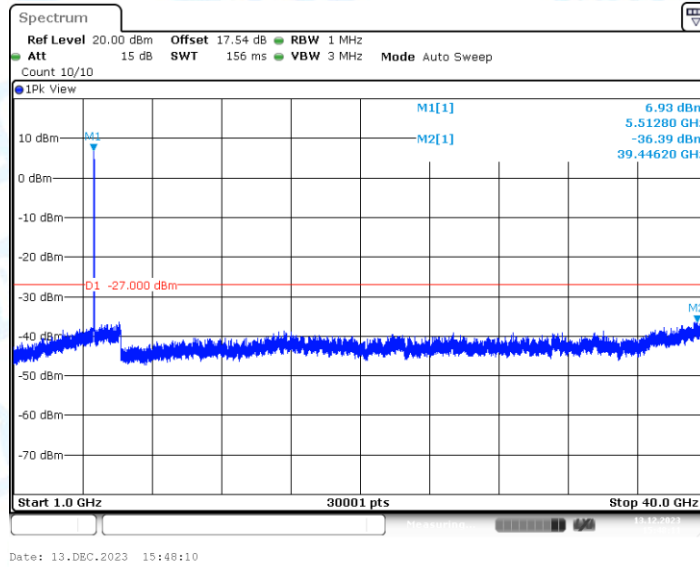
11AC40SISO_Ant1_5310_1000~40000



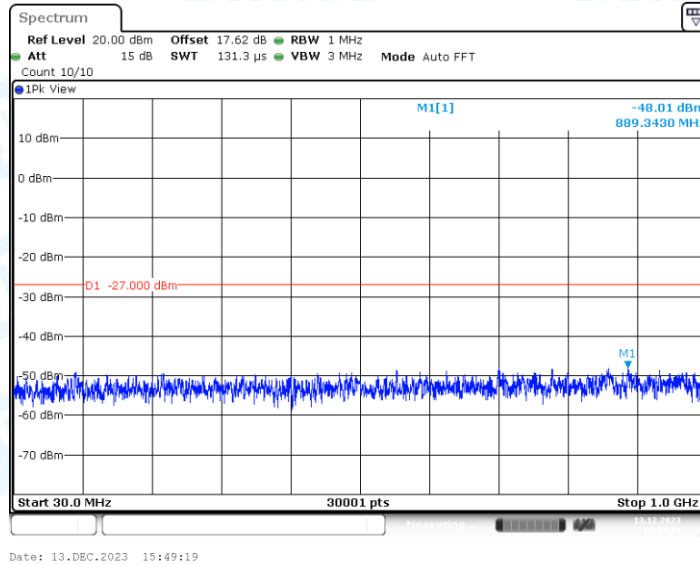
11AC40SISO_Ant1_5510_30~1000



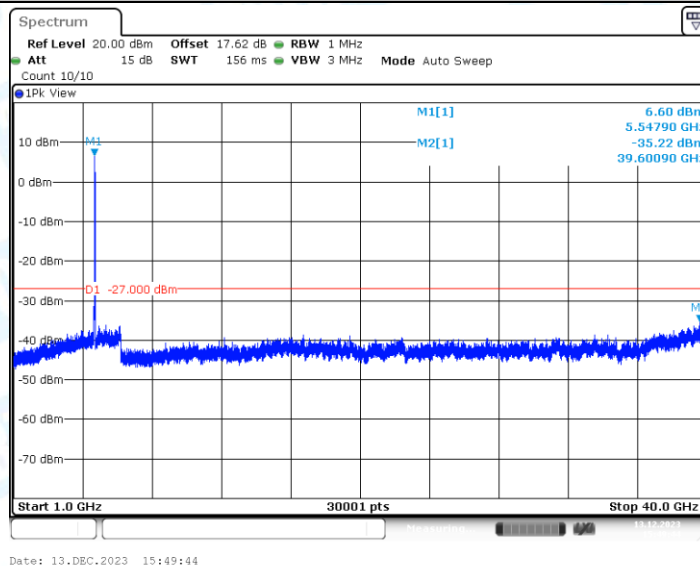
11AC40SISO_Ant1_5510_1000~40000



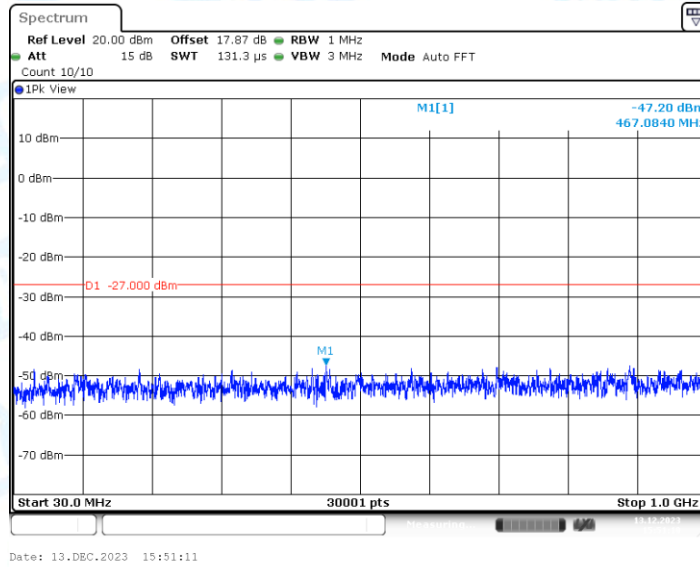
11AC40SISO_Ant1_5550_30~1000



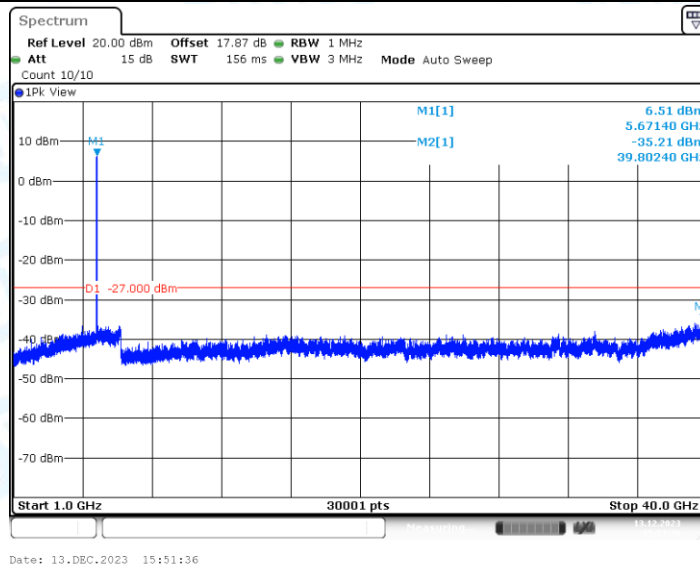
11AC40SISO_Ant1_5550_1000~40000



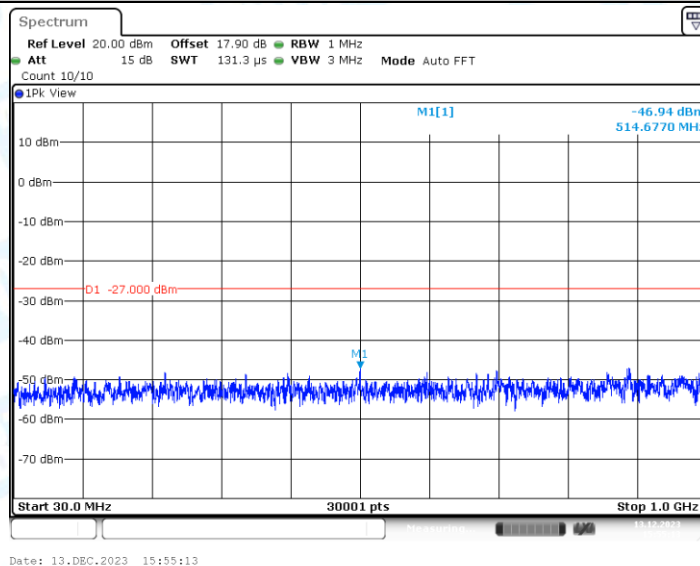
11AC40SISO_Ant1_5670_30~1000



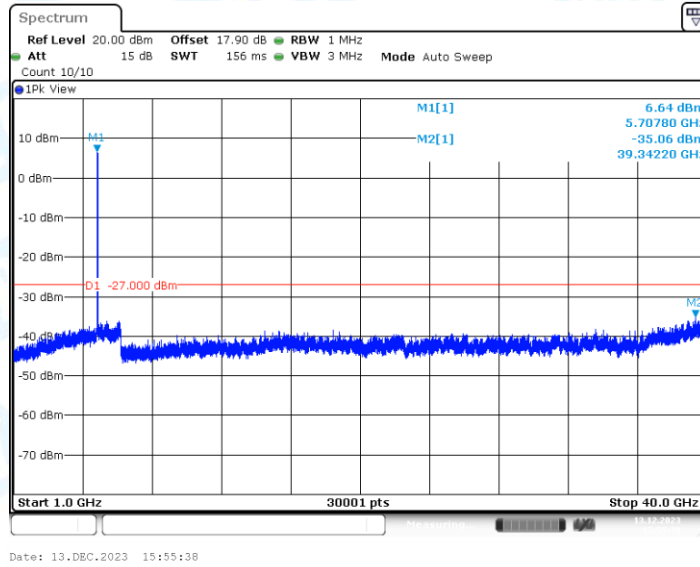
11AC40SISO_Ant1_5670_1000~40000



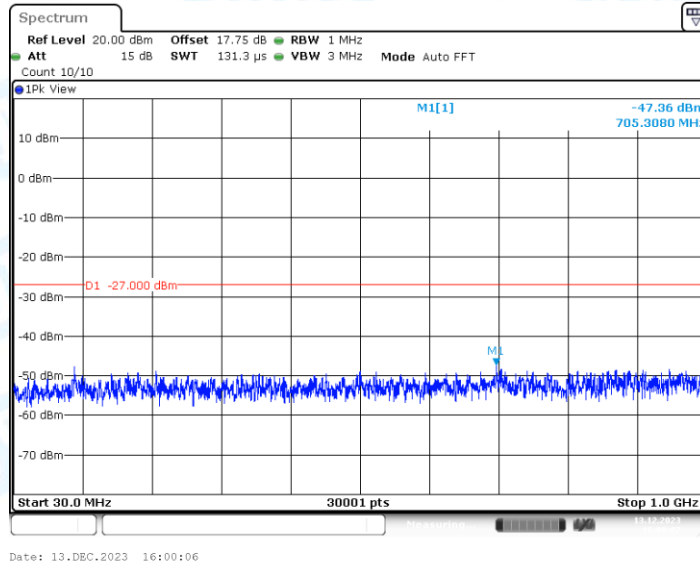
11AC40SISO_Ant1_5710_30~1000



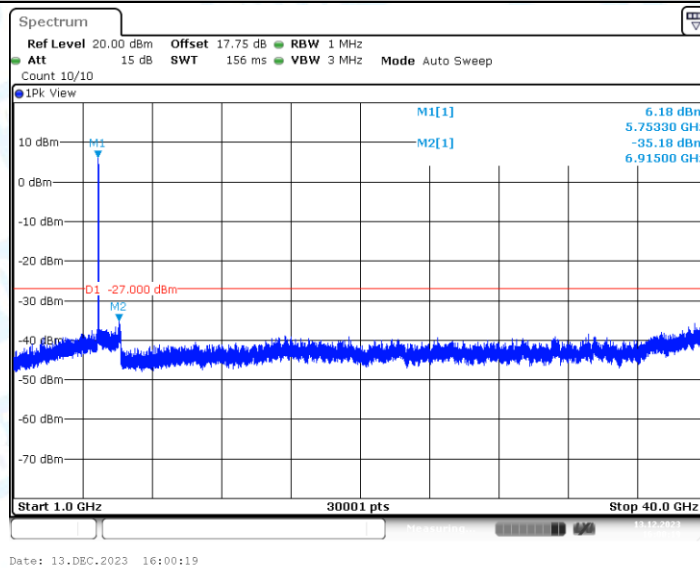
11AC40SISO_Ant1_5710_1000~40000



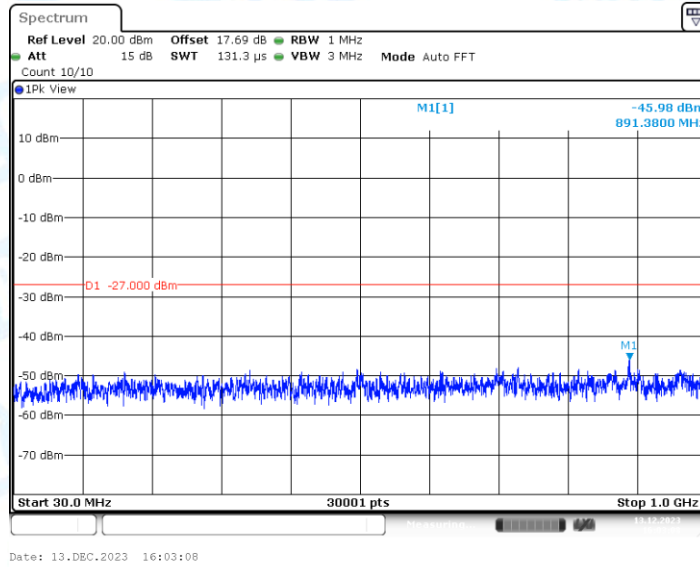
11AC40SISO_Ant1_5755_30~1000



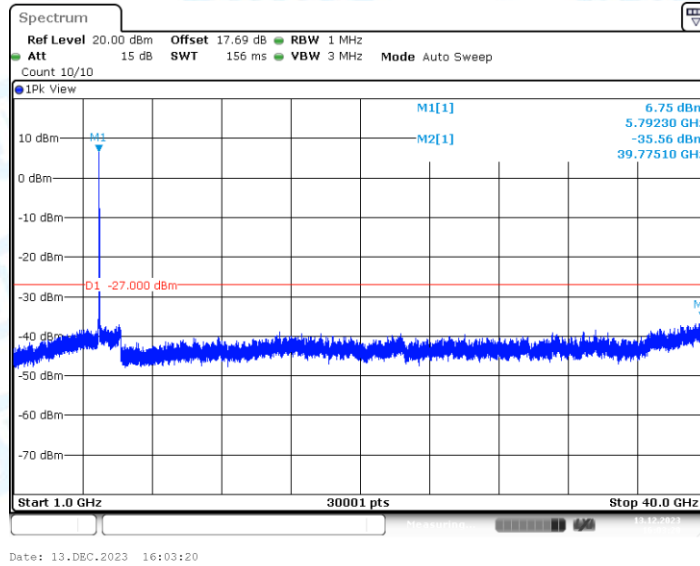
11AC40SISO_Ant1_5755_1000~40000



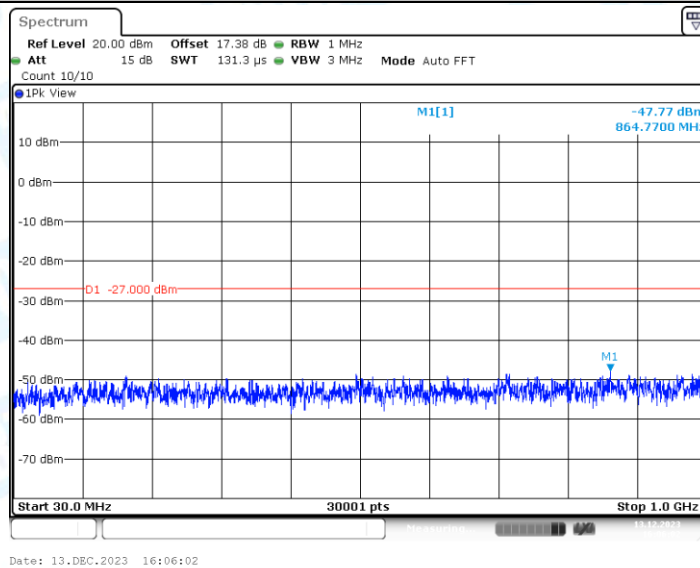
11AC40SISO_Ant1_5795_30~1000



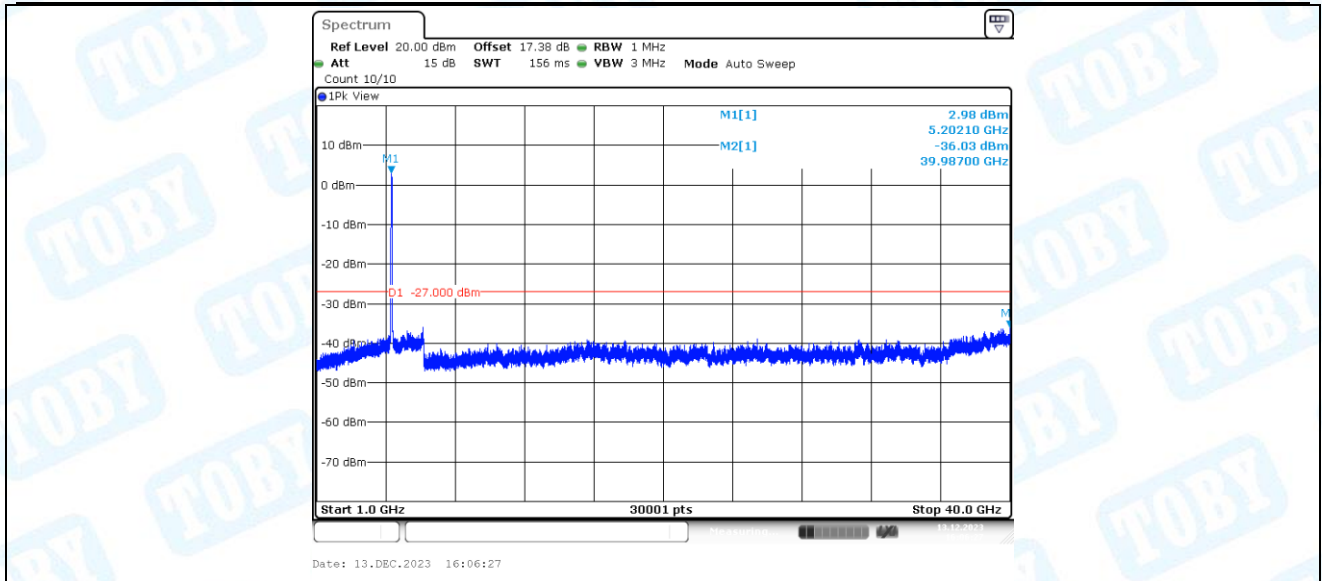
11AC40SISO_Ant1_5795_1000~40000



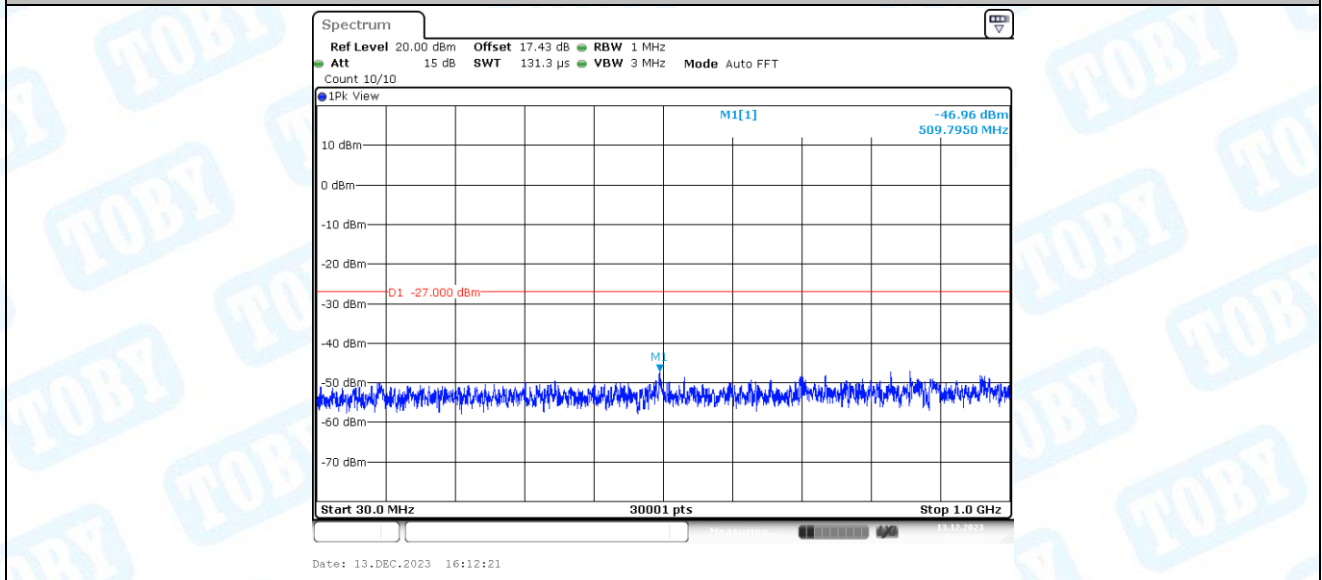
11AC80SISO_Ant1_5210_30~1000



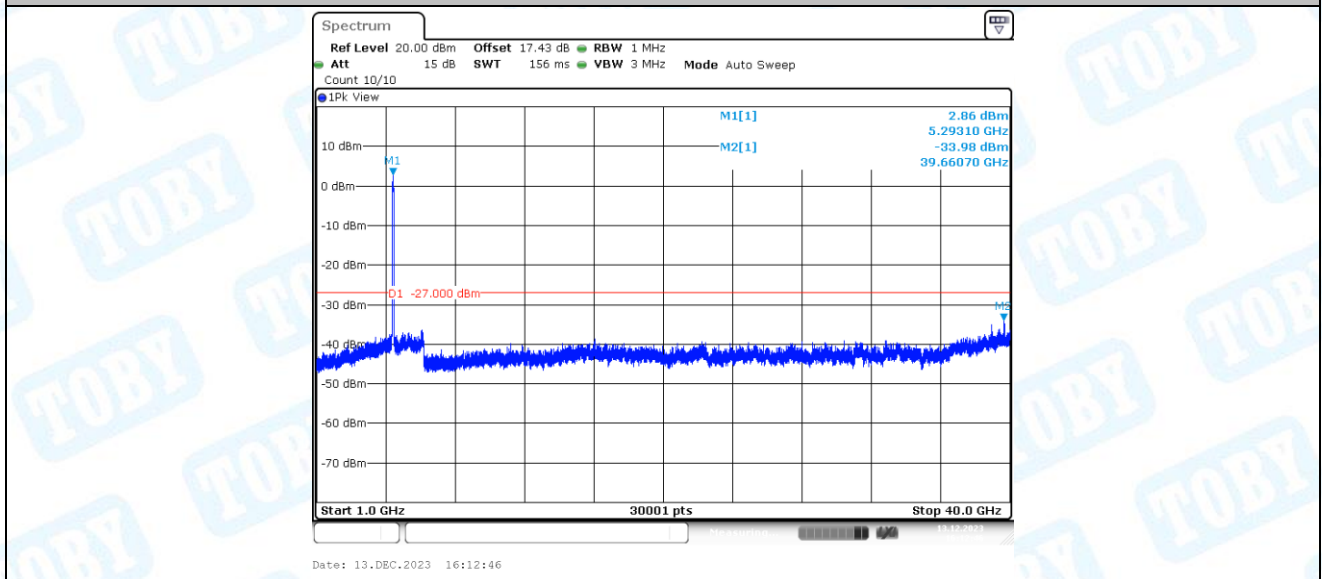
11AC80SISO_Ant1_5210_1000~40000



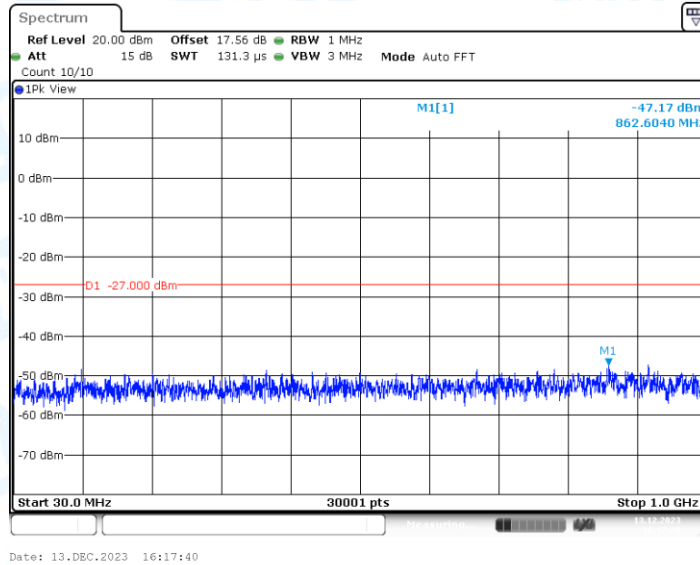
11AC80SISO_Ant1_5290_30~1000



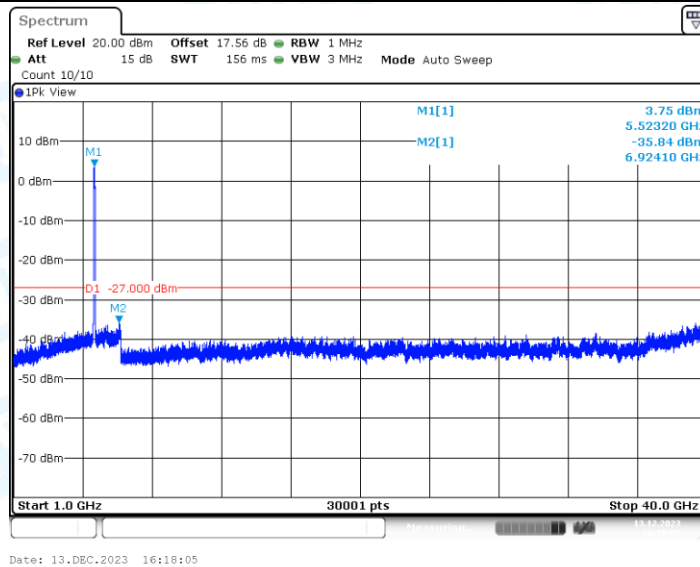
11AC80SISO_Ant1_5290_1000~40000



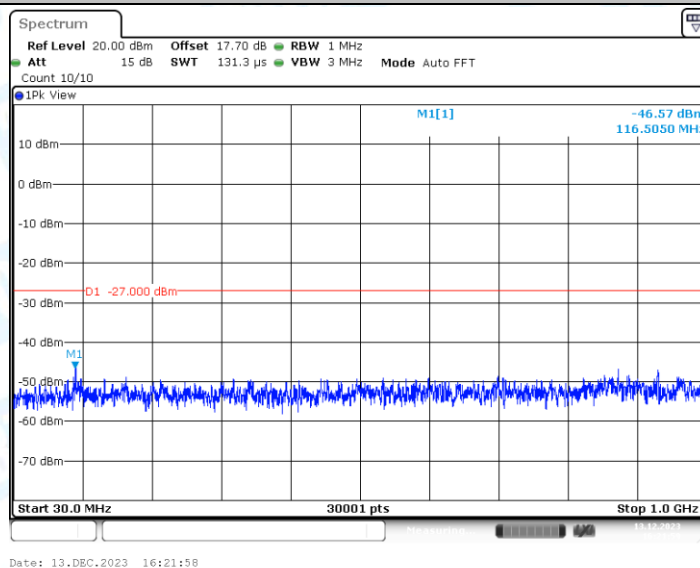
11AC80SISO_Ant1_5530_30~1000



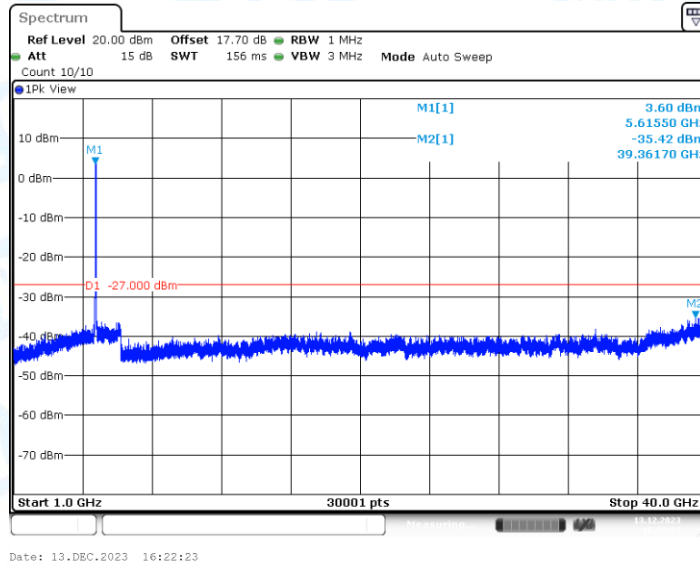
11AC80SISO_Ant1_5530_1000~40000



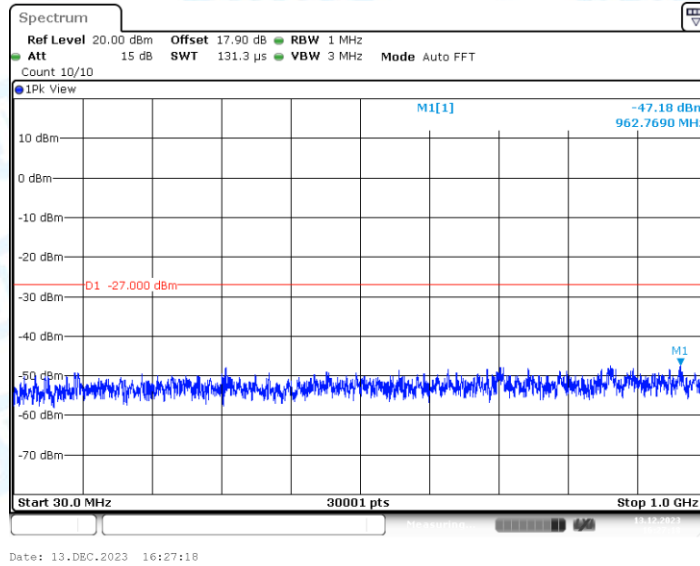
11AC80SISO_Ant1_5610_30~1000



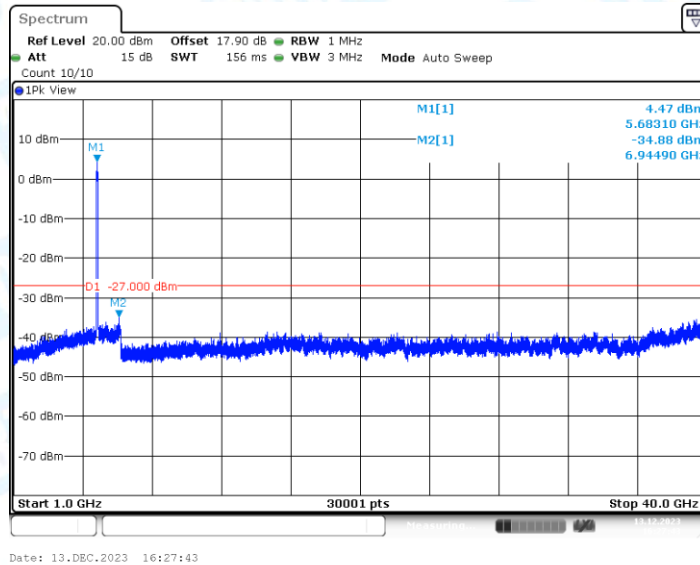
11AC80SISO_Ant1_5610_1000~40000



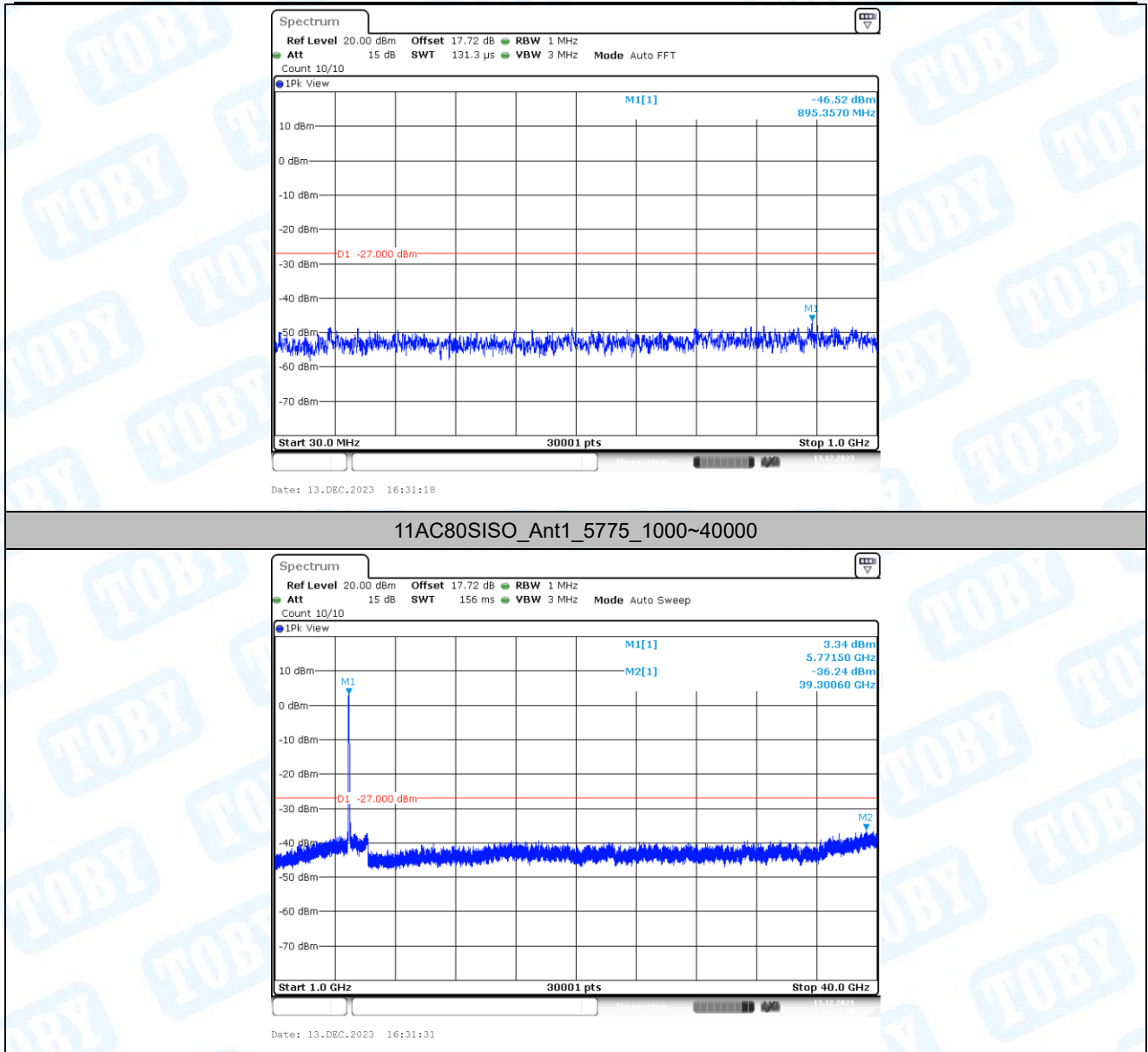
11AC80SISO_Ant1_5690_30~1000



11AC80SISO_Ant1_5690_1000~40000



11AC80SISO_Ant1_5775_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	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5260	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	-20000.00	-3.802281	20	PASS
		5500	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.636364	20	PASS
			HV	NT	-20000.00	-3.636364	20	PASS
		5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5270	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5510	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	6.950478	20	PASS
11AC80SISO	Ant1	5210	NV	NT	-160000.00	-30.710173	20	FAIL
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5290	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
Temperature								

TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	-20000.00	-3.861004	20	PASS
		5260	NV	0	-20000.00	-3.802281	20	PASS
			NV	10	20000.00	3.802281	20	PASS
			NV	20	-20000.00	-3.802281	20	PASS
			NV	30	-20000.00	-3.802281	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5500	NV	0	-20000.00	-3.636364	20	PASS
			NV	10	-20000.00	-3.636364	20	PASS
			NV	20	20000.00	3.636364	20	PASS
			NV	30	20000.00	3.636364	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	-20000.00	-3.636364	20	PASS
		5745	NV	0	-20000.00	-3.481288	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	-60000.00	-10.443864	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	-20000.00	-3.481288	20	PASS
11N40SISO	Ant1	5190	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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5270	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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5510	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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5755	NV	0	0.00	0.000000	20	PASS

11AC80SIS O	Ant1		NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-6.950478	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5210	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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5290	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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5530	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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	-80000.00	-14.466546	20	PASS
		5775	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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	45	0.00	0.000000	20	PASS

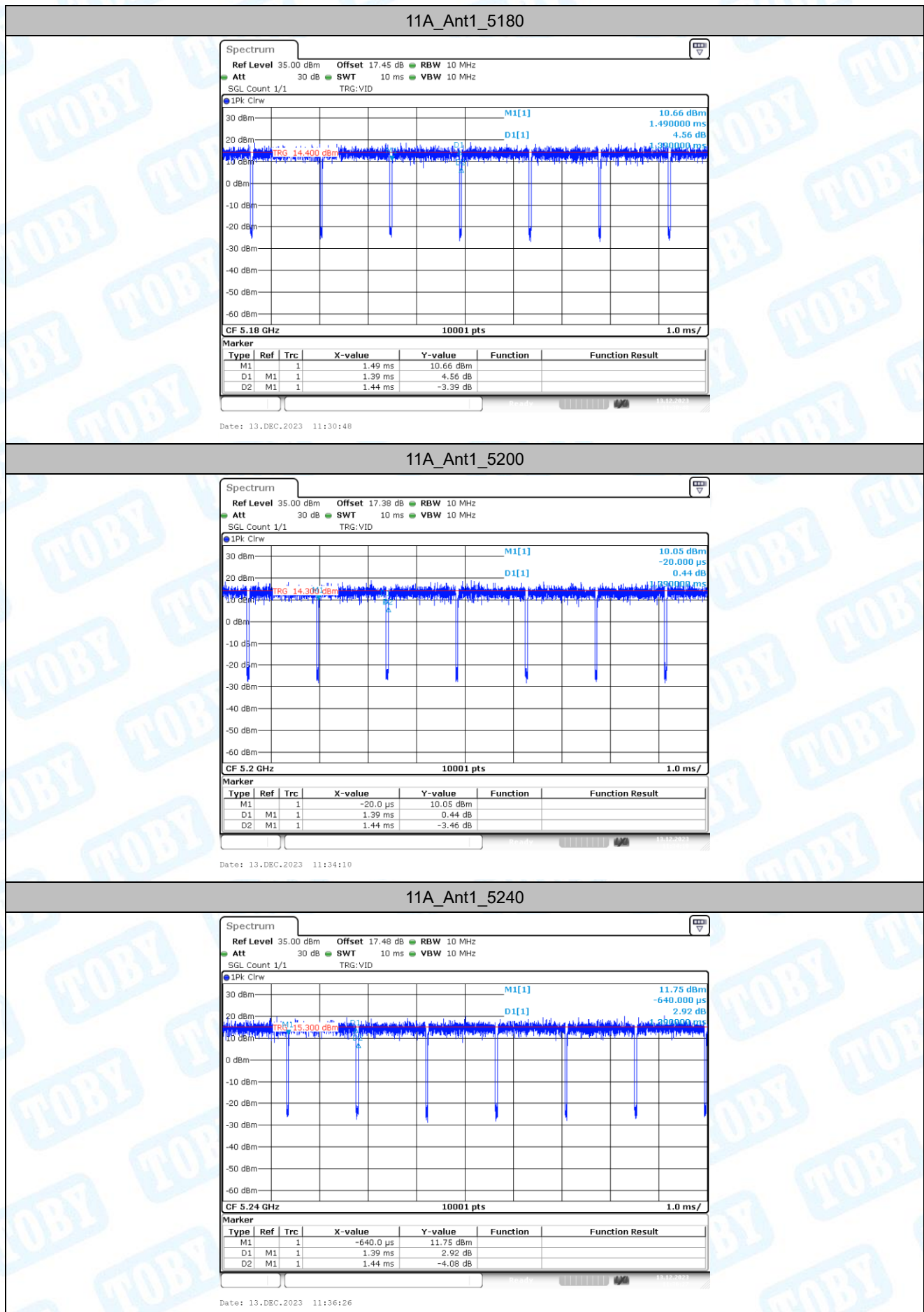
10. Duty Cycle

10.1. Test Result

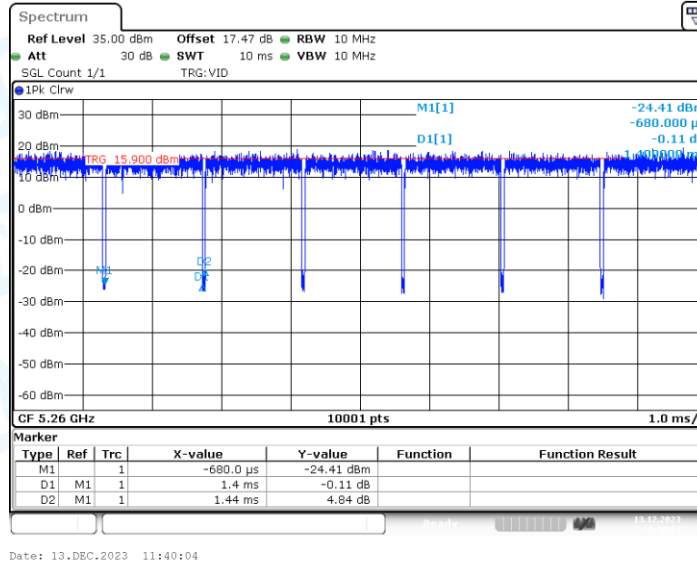
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11A	Ant1	5180	1.39	1.44	96.53	0.72	---	---
		5200	1.39	1.44	96.53	0.72	---	---
		5240	1.40	1.44	97.22	0.71	---	---
		5260	1.39	1.43	97.20	0.72	---	---
		5280	1.39	1.44	96.53	0.72	---	---
		5320	1.39	1.44	96.53	0.72	---	---
		5500	1.39	1.44	96.53	0.72	---	---
		5580	1.39	1.44	96.53	0.72	---	---
		5700	1.39	1.43	97.20	0.72	---	---
		5720	1.39	1.43	97.20	0.72	---	---
		5745	1.39	1.44	96.53	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	1.35	96.30	0.77	---	---
		5240	1.30	1.35	96.30	0.77	---	---
		5260	1.30	1.34	97.01	0.77	---	---
		5280	1.30	1.34	97.01	0.77	---	---
		5320	1.30	1.34	97.01	0.77	---	---
		5500	1.30	1.34	97.01	0.77	---	---
		5580	1.30	1.34	97.01	0.77	---	---
		5700	1.30	1.35	96.30	0.77	---	---
		5720	1.30	1.34	97.01	0.77	---	---
		5745	1.29	1.34	96.27	0.78	---	---
		5785	1.30	1.34	97.01	0.77	---	---
		5825	1.30	1.34	97.01	0.77	---	---
11N40SISO	Ant1	5190	0.65	0.70	92.86	1.54	---	---
		5230	0.64	0.69	92.75	1.56	---	---
		5270	0.65	0.69	94.20	1.54	---	---
		5310	0.65	0.69	94.20	1.54	---	---
		5510	0.65	0.69	94.20	1.54	---	---
		5550	0.65	0.69	94.20	1.54	---	---
		5670	0.65	0.69	94.20	1.54	---	---
		5710	0.65	0.69	94.20	1.54	---	---
		5755	0.65	0.70	92.86	1.54	---	---
		5795	0.65	0.70	92.86	1.54	---	---
11AC20SISO	Ant1	5180	1.31	1.36	96.32	0.76	---	---
		5200	1.31	1.36	96.32	0.76	---	---
		5240	1.31	1.36	96.32	0.76	---	---
		5260	1.31	1.35	97.04	0.76	---	---

		5280	1.31	1.35	97.04	0.76	---	---
		5320	1.31	1.36	96.32	0.76	---	---
		5500	1.31	1.35	97.04	0.76	---	---
		5580	1.31	1.36	96.32	0.76	---	---
		5700	1.31	1.36	96.32	0.76	---	---
		5720	1.31	1.36	96.32	0.76	---	---
		5745	1.31	1.36	96.32	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	0.69	94.20	1.54	---	---
		5230	0.65	0.70	92.86	1.54	---	---
		5270	0.65	0.69	94.20	1.54	---	---
		5310	0.65	0.70	92.86	1.54	---	---
		5510	0.66	0.70	94.29	1.52	---	---
		5550	0.65	0.70	92.86	1.54	---	---
		5670	0.65	0.70	92.86	1.54	---	---
		5710	0.65	0.70	92.86	1.54	---	---
		5755	0.65	0.70	92.86	1.54	---	---
5795	0.65	0.69	94.20	1.54	---	---		
11AC80SISO	Ant1	5210	0.32	0.37	86.49	3.13	---	---
		5290	0.33	0.37	89.19	3.03	---	---
		5530	0.32	0.36	88.89	3.13	---	---
		5610	0.33	0.37	89.19	3.03	---	---
		5690	0.32	0.37	86.49	3.13	---	---
		5775	0.33	0.37	89.19	3.03	---	---
Note:1/T=1/ Transmission Duration								

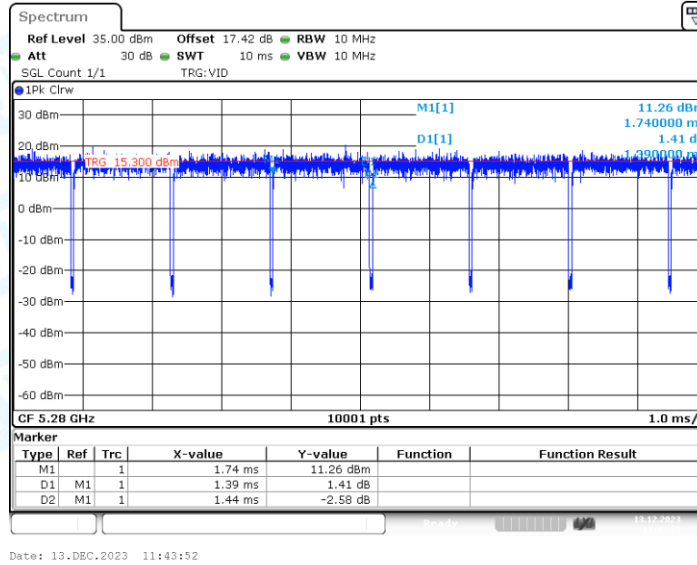
10.2. Test Graphs



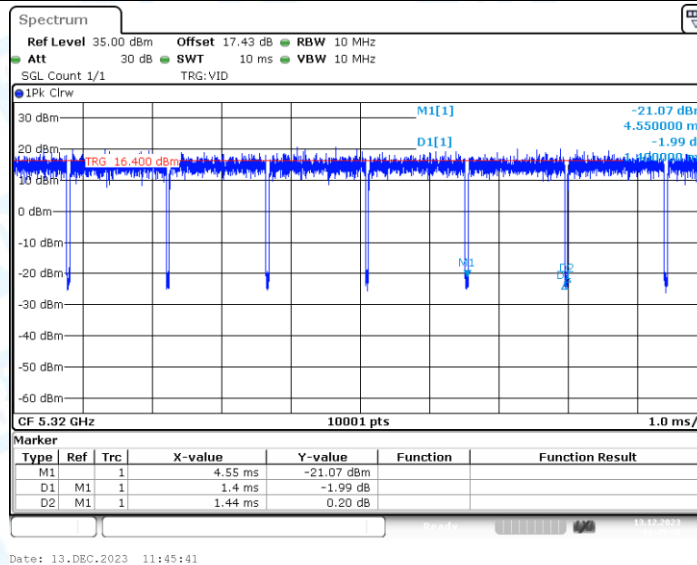
11A_Ant1_5260



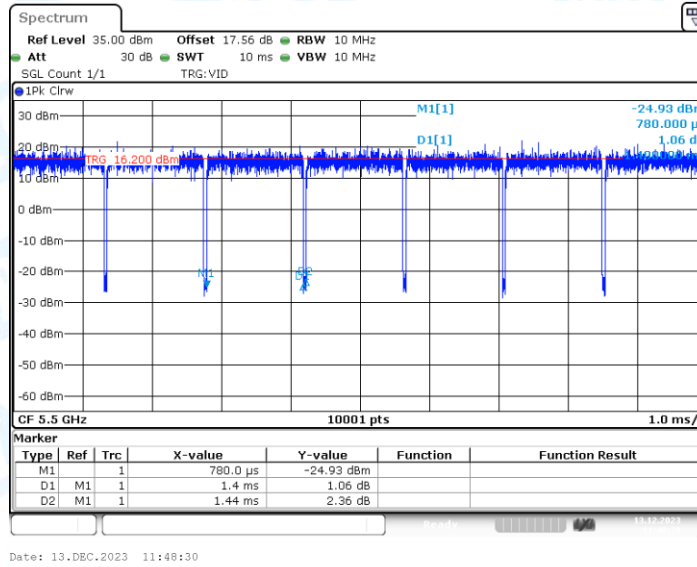
11A_Ant1_5280



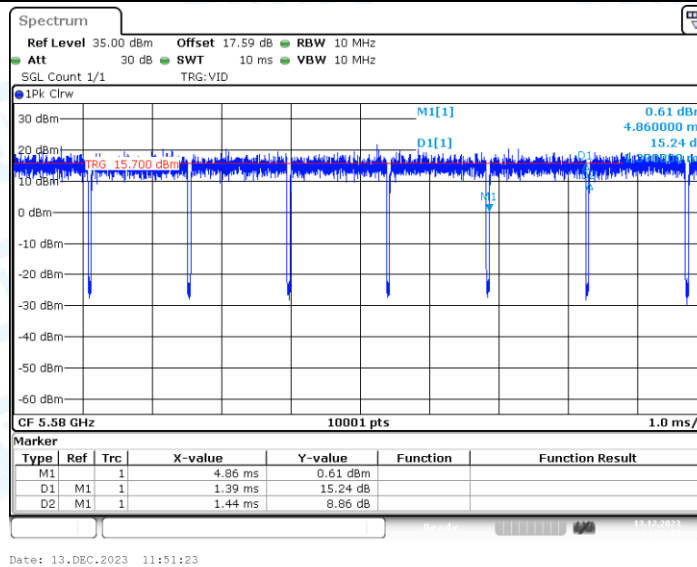
11A_Ant1_5320



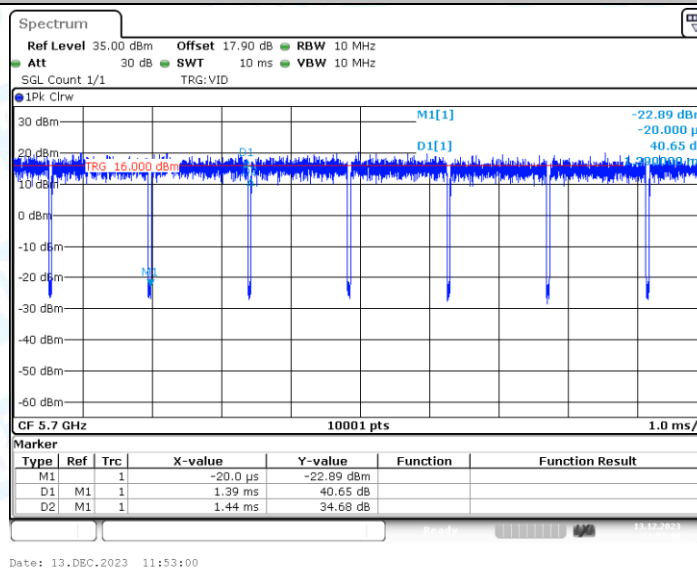
11A_Ant1_5500



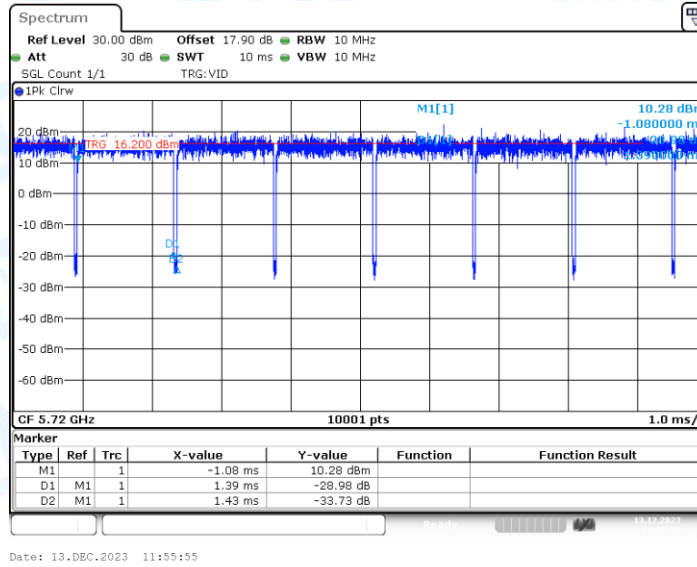
11A_Ant1_5580



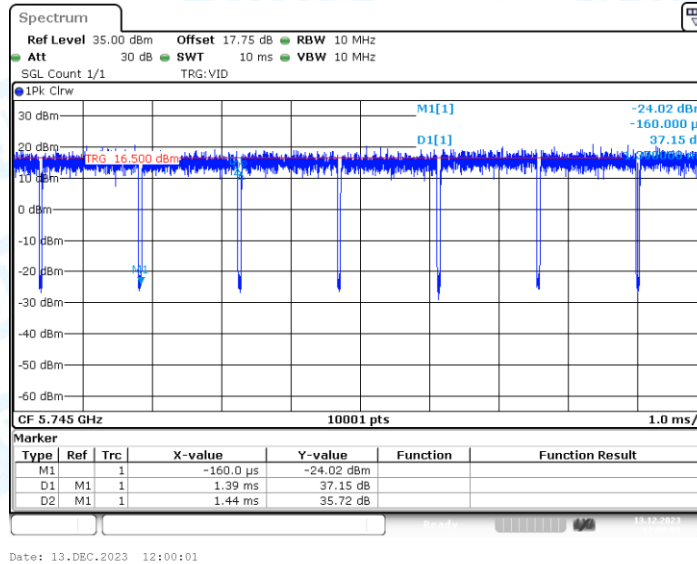
11A_Ant1_5700



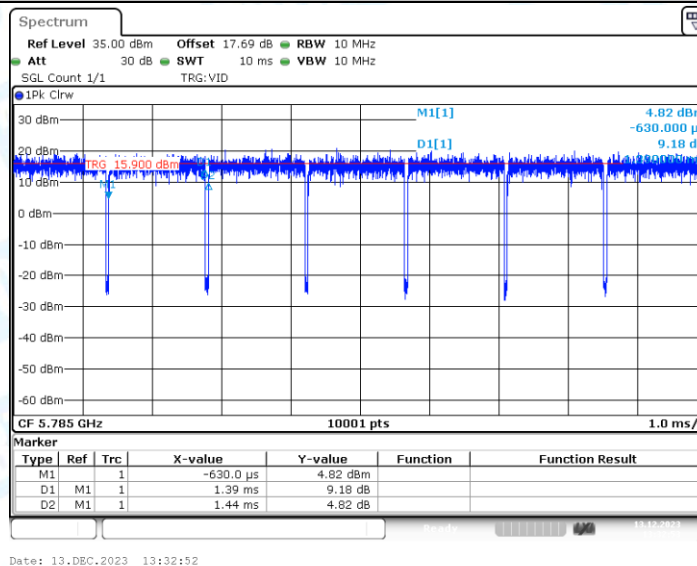
11A_Ant1_5720



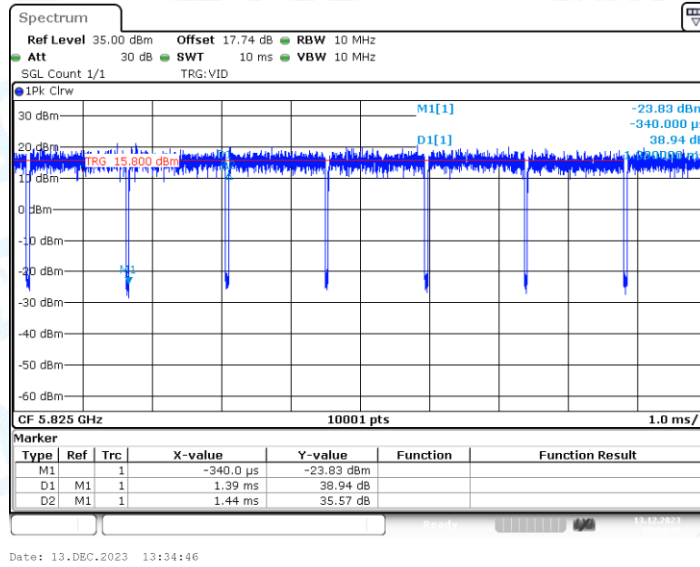
11A_Ant1_5745



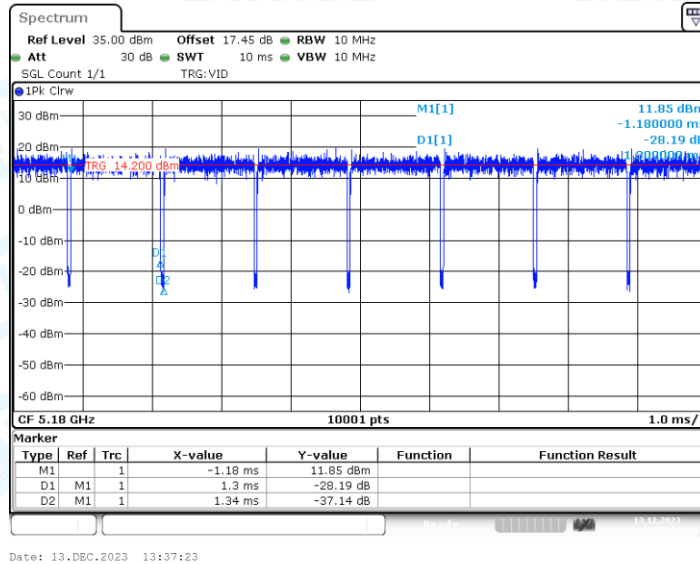
11A_Ant1_5785



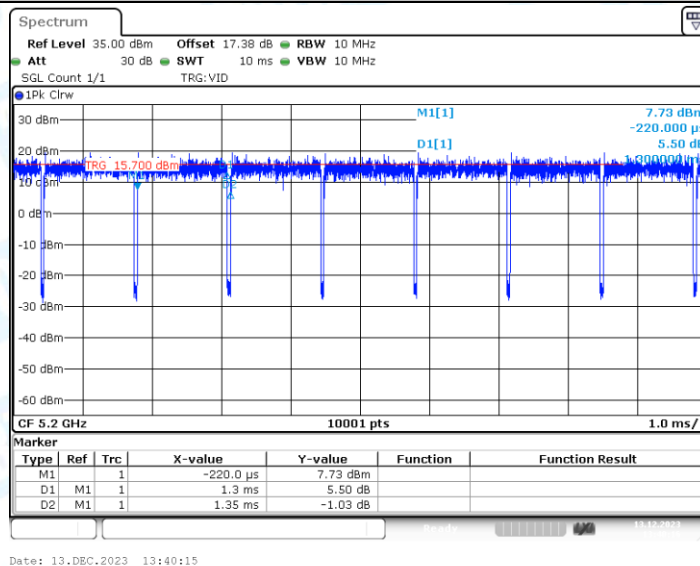
11A_Ant1_5825



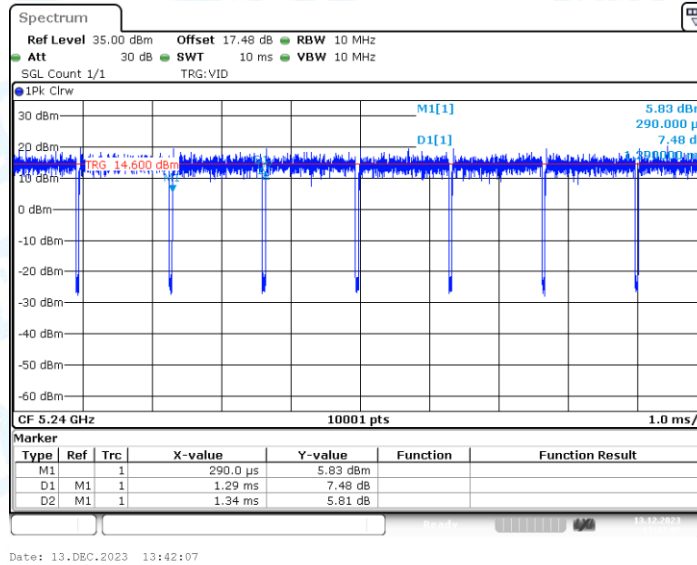
11N20SISO_Ant1_5180



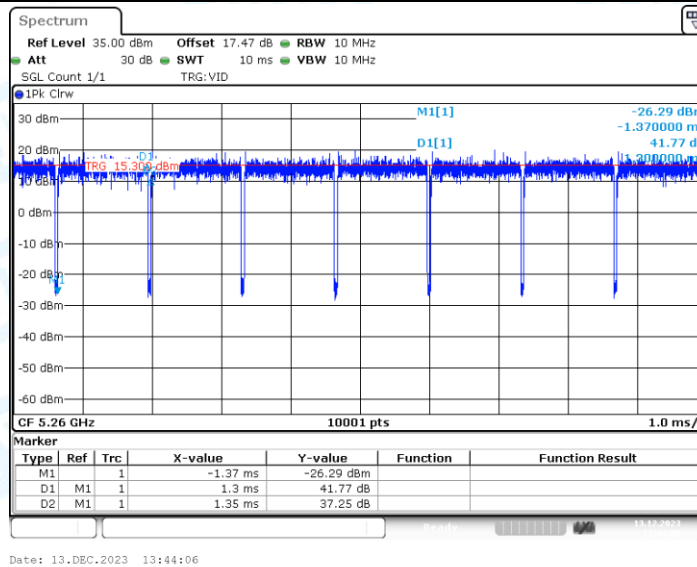
11N20SISO_Ant1_5200



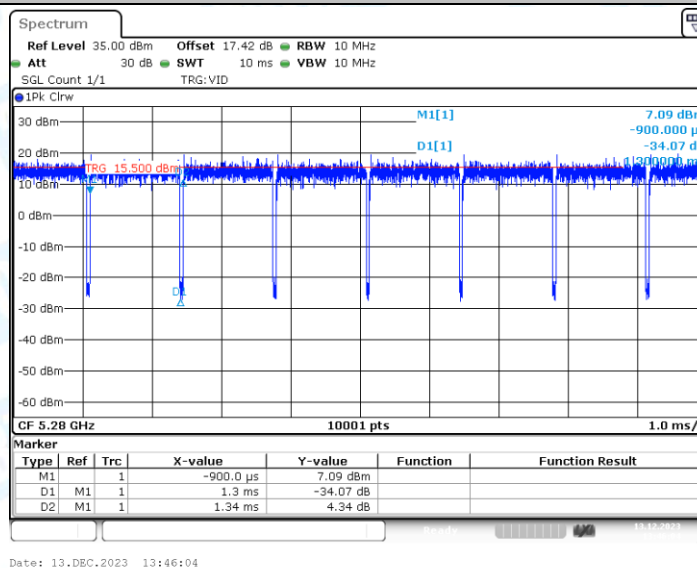
11N20SISO_Ant1_5240



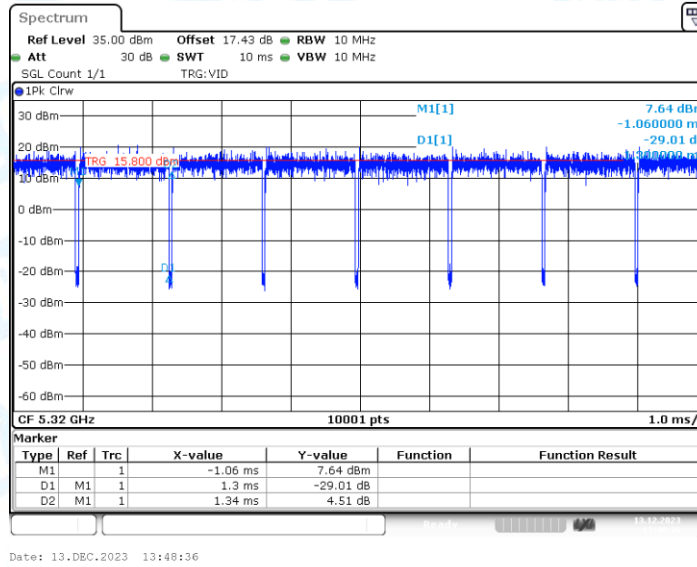
11N20SISO_Ant1_5260



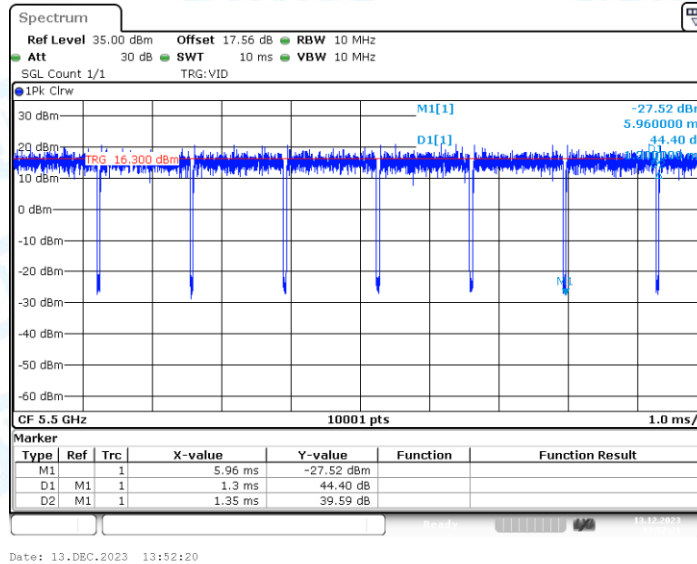
11N20SISO_Ant1_5280



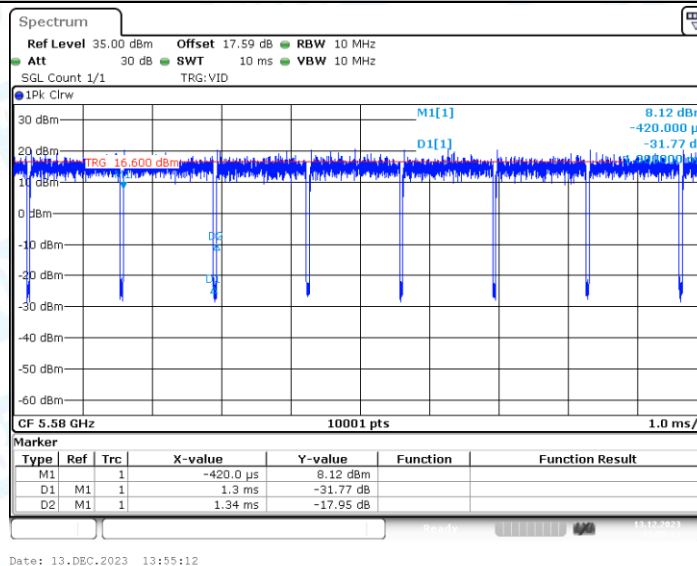
11N20SISO_Ant1_5320



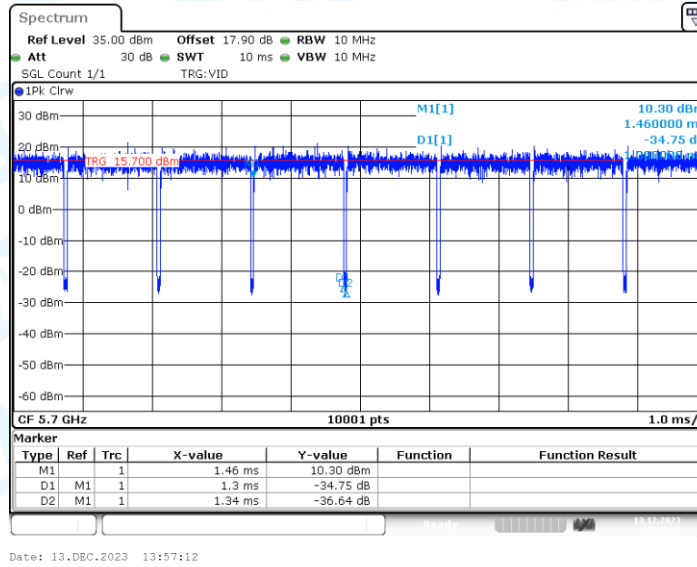
11N20SISO_Ant1_5500



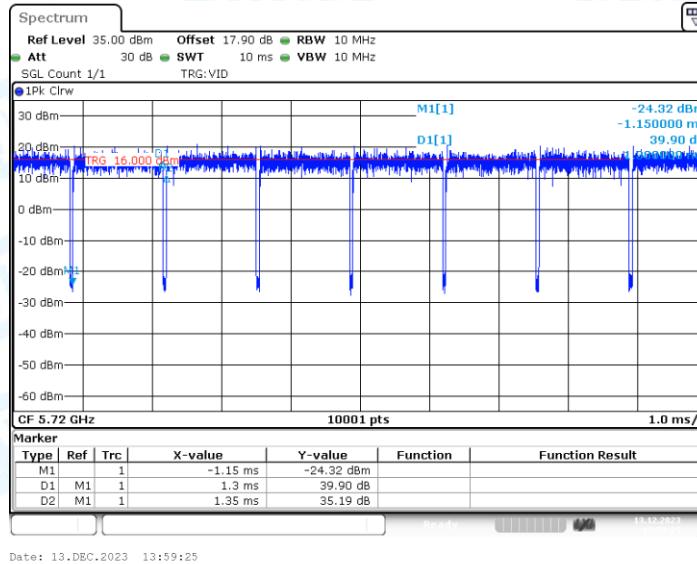
11N20SISO_Ant1_5580



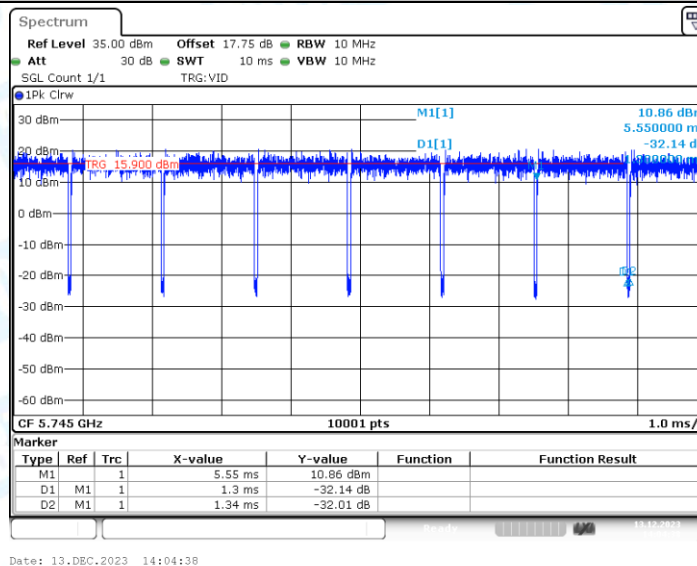
11N20SISO_Ant1_5700



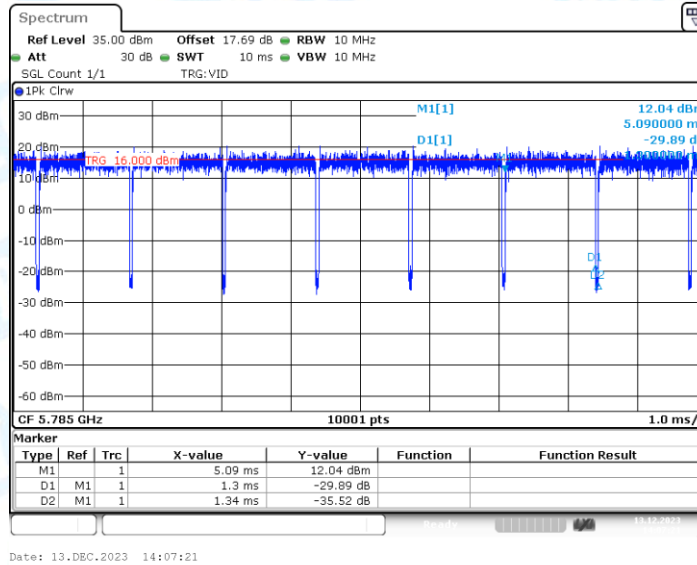
11N20SISO_Ant1_5720



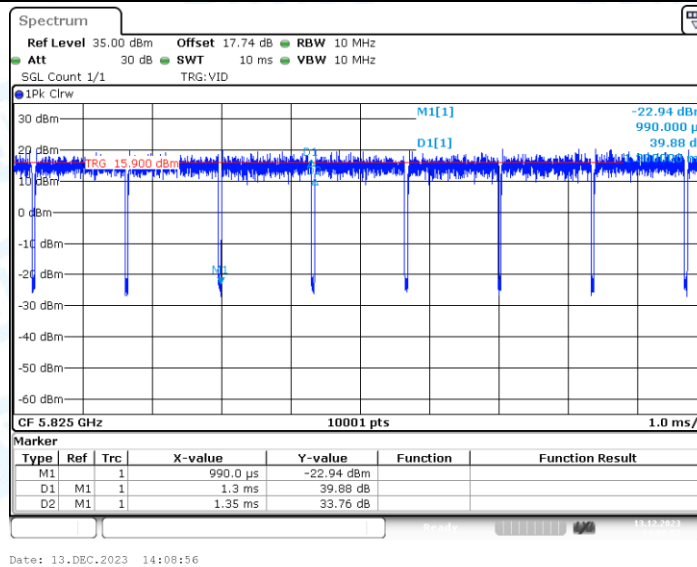
11N20SISO_Ant1_5745



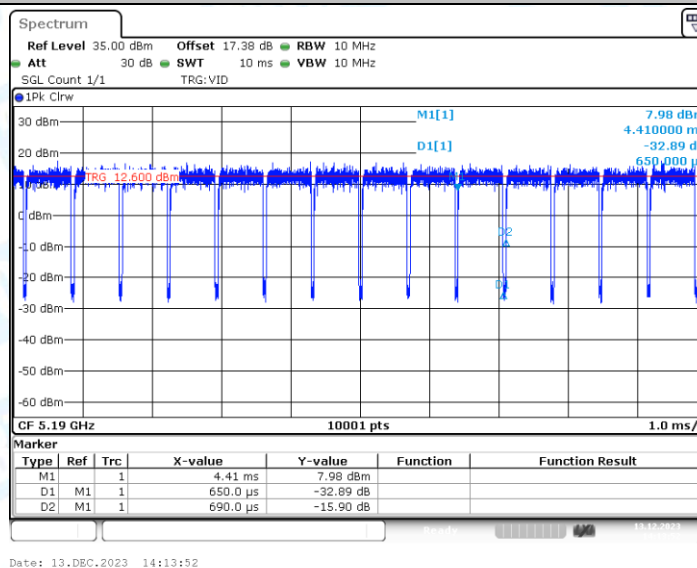
11N20SISO_Ant1_5785



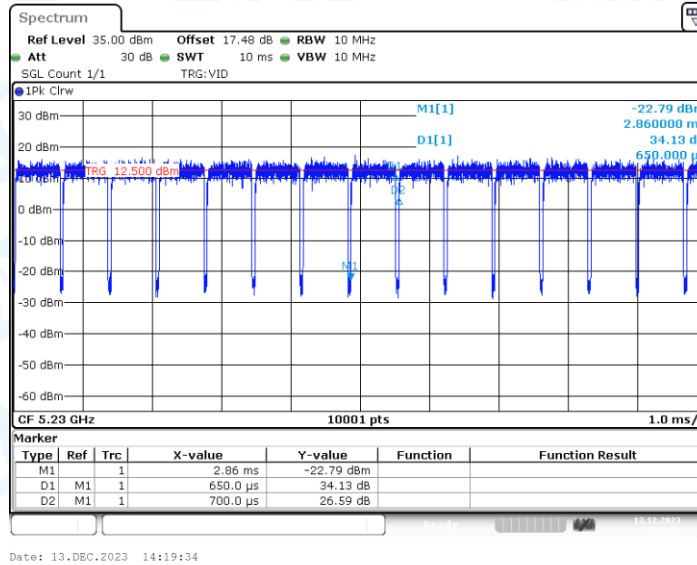
11N20SISO_Ant1_5825



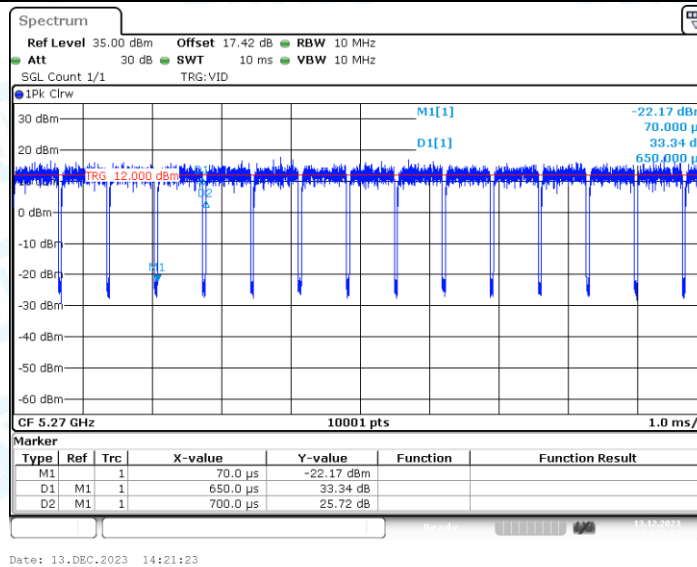
11N40SISO_Ant1_5190



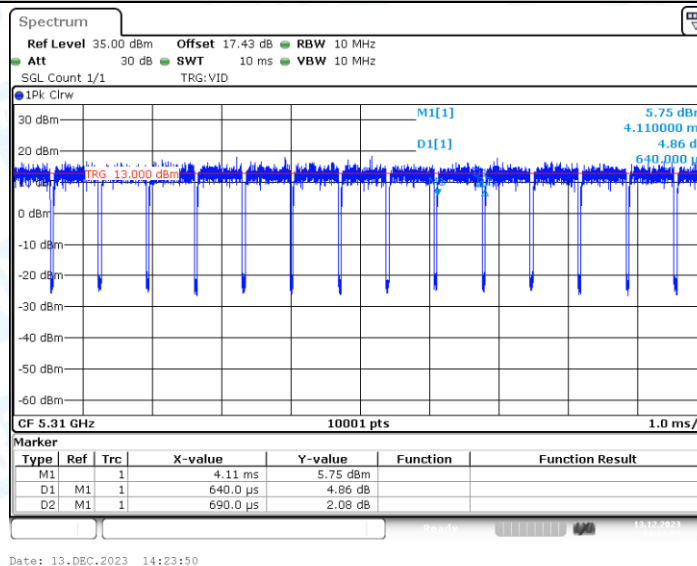
11N40SISO_Ant1_5230



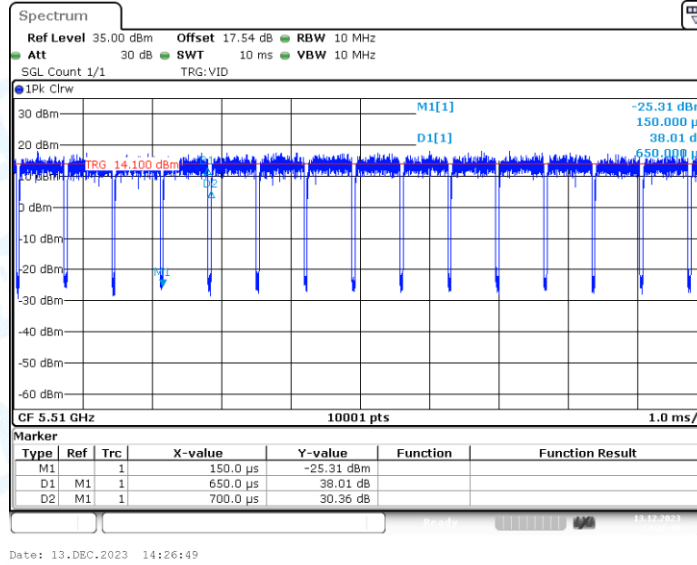
11N40SISO_Ant1_5270



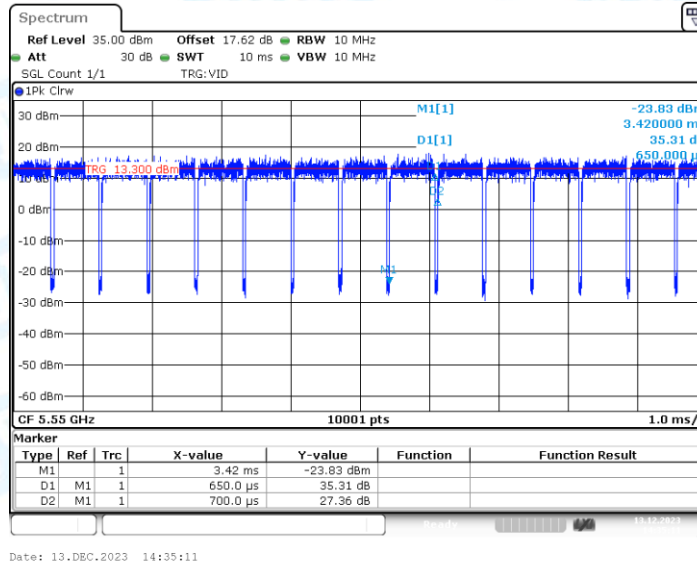
11N40SISO_Ant1_5310



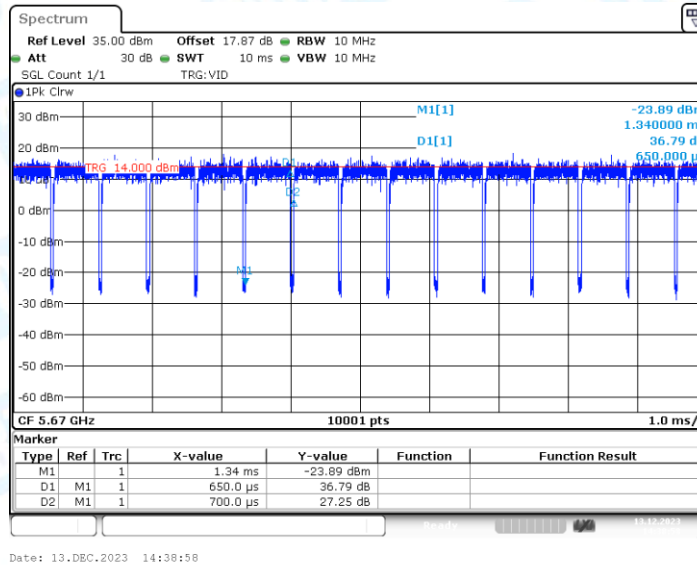
11N40SISO_Ant1_5510



11N40SISO_Ant1_5550



11N40SISO_Ant1_5670



11N40SISO_Ant1_5710