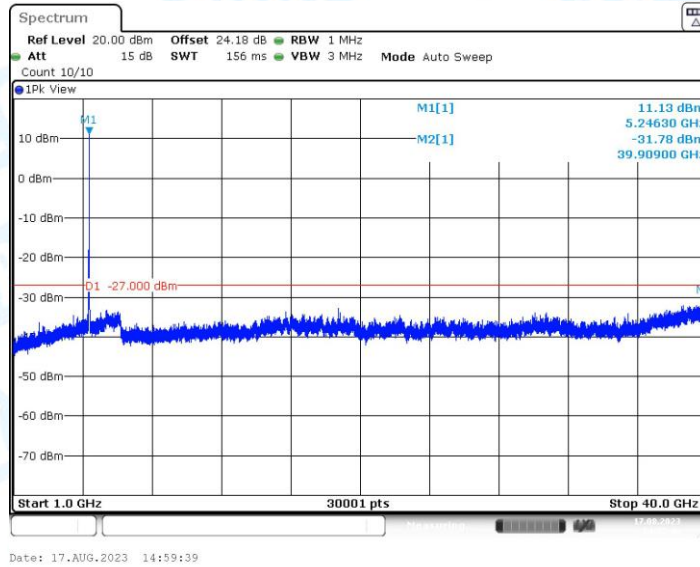
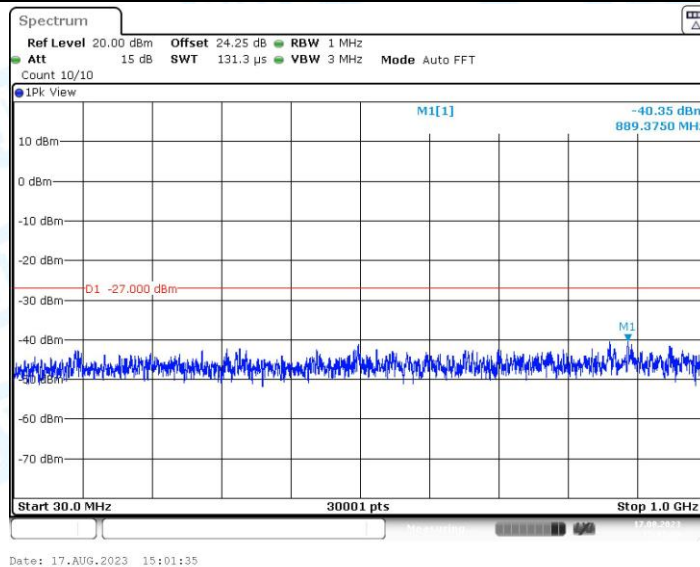
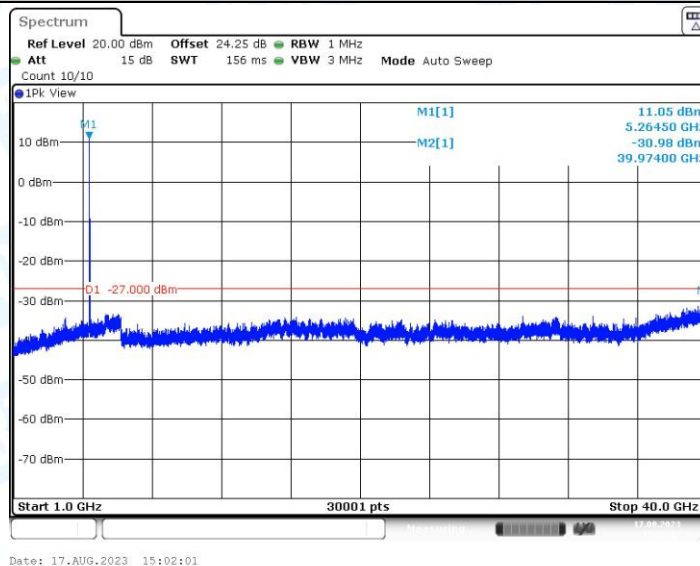




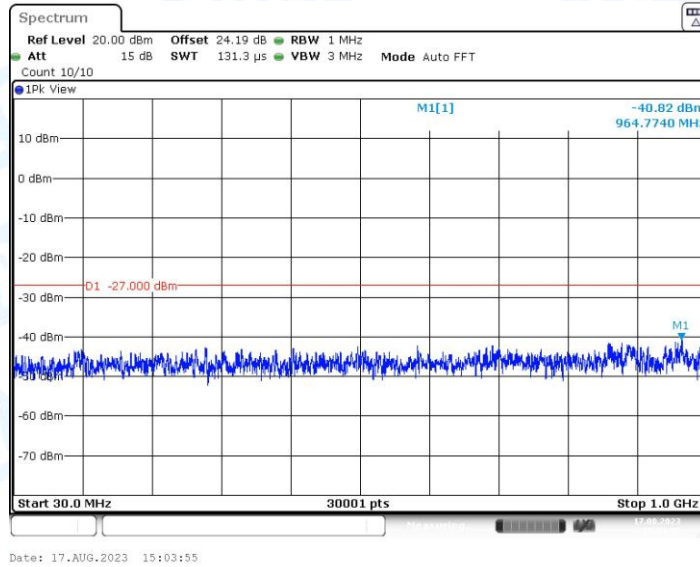
11AC20SISO_Ant1_5260_30~1000



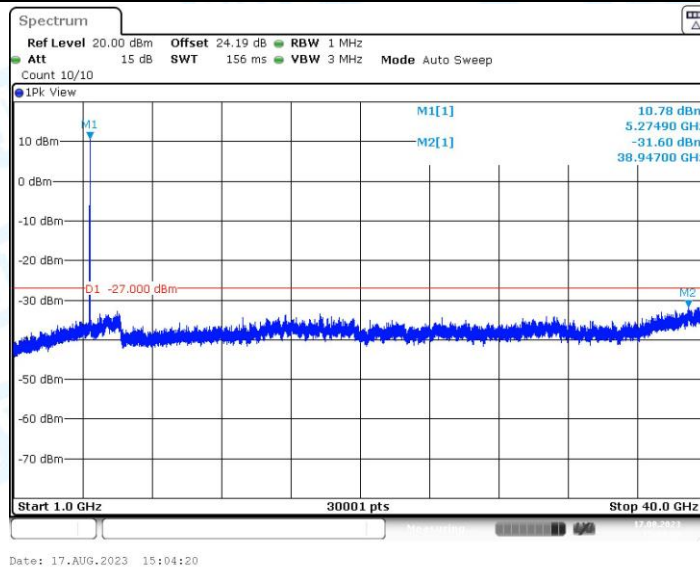
11AC20SISO_Ant1_5260_1000~40000



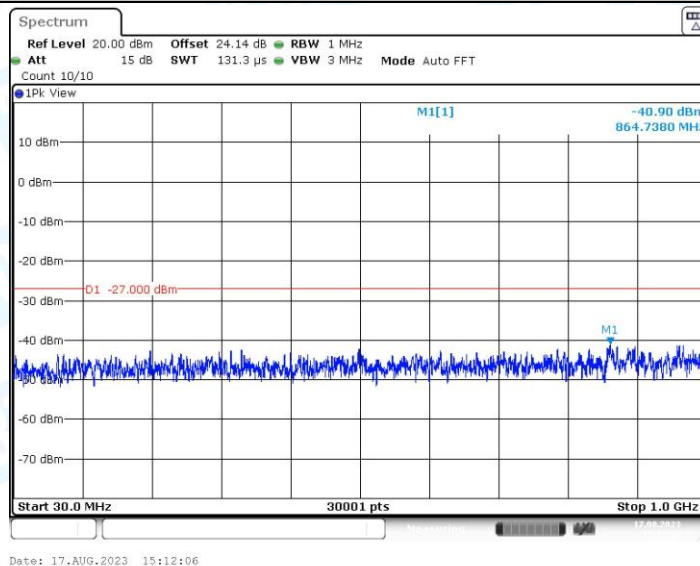
11AC20SISO_Ant1_5280_30~1000



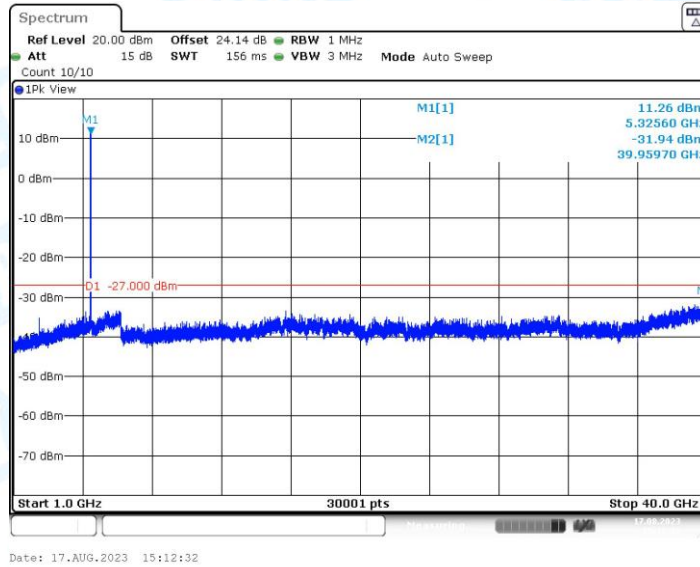
11AC20SISO_Ant1_5280_1000~40000



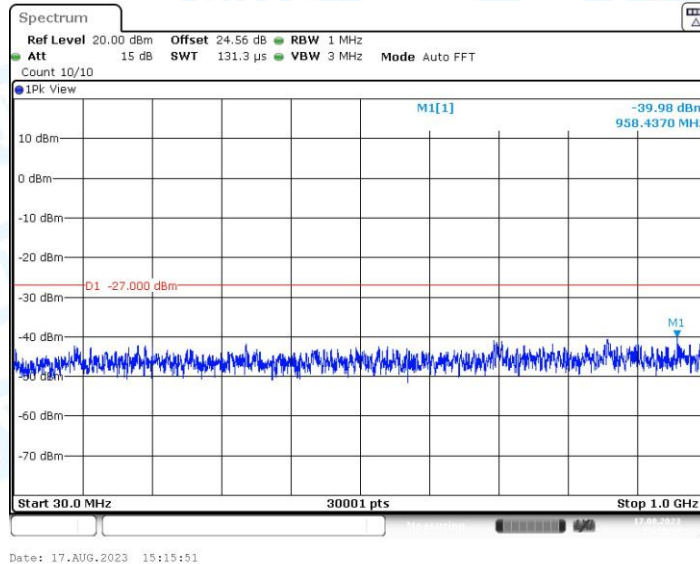
11AC20SISO_Ant1_5320_30~1000



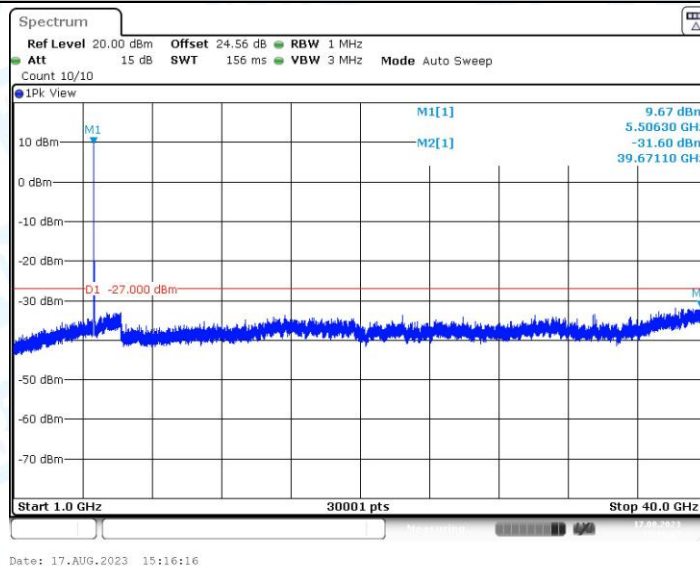
11AC20SISO_Ant1_5320_1000~40000



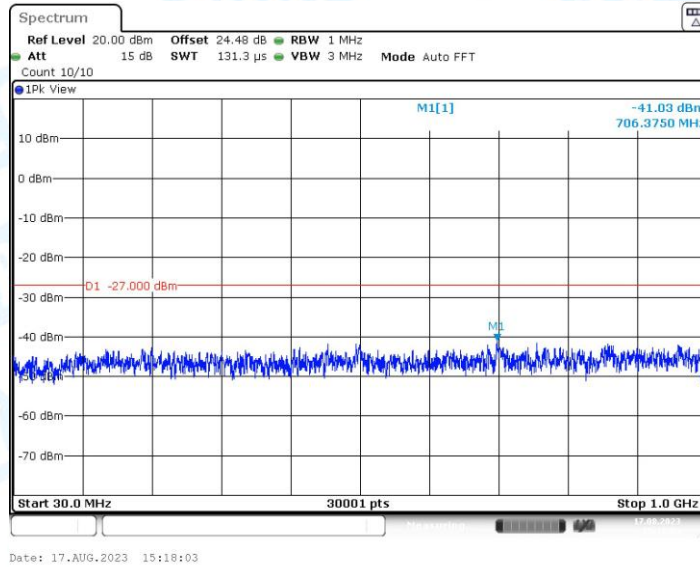
11AC20SISO_Ant1_5500_30~1000



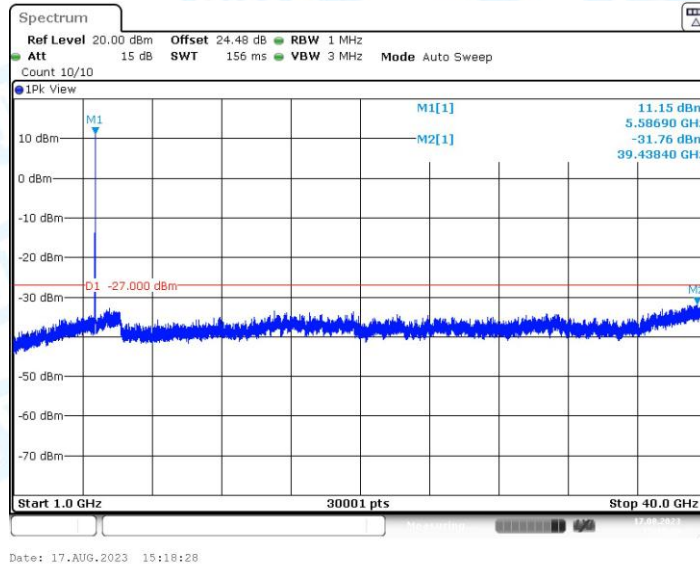
11AC20SISO_Ant1_5500_1000~40000



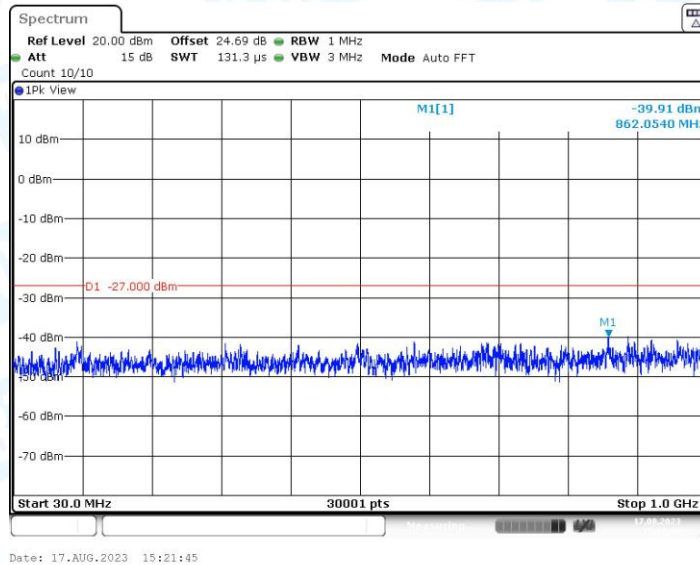
11AC20SISO_Ant1_5580_30~1000



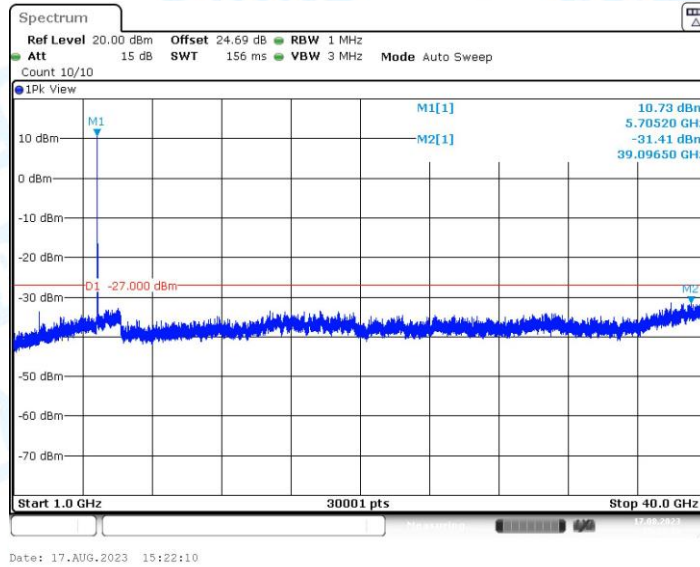
11AC20SISO_Ant1_5580_1000~40000



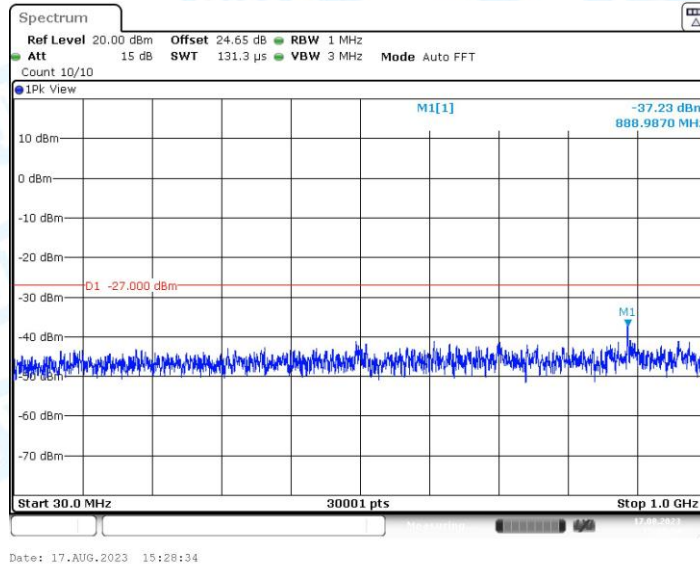
11AC20SISO_Ant1_5700_30~1000



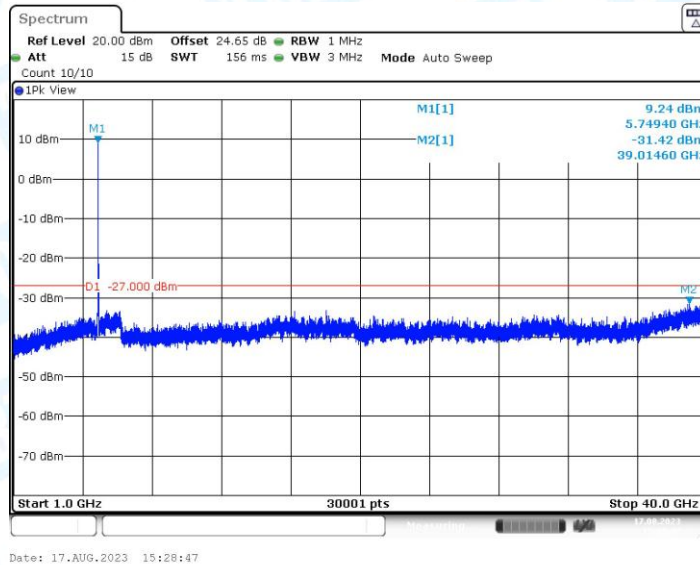
11AC20SISO_Ant1_5700_1000~40000



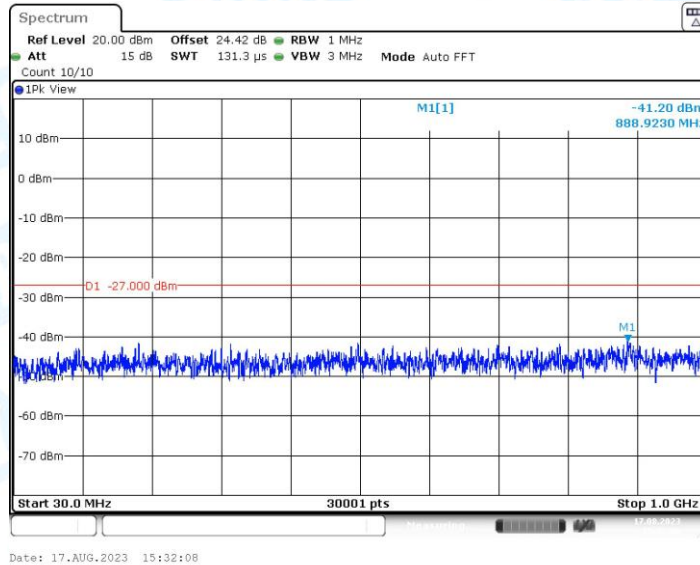
11AC20SISO_Ant1_5745_30~1000



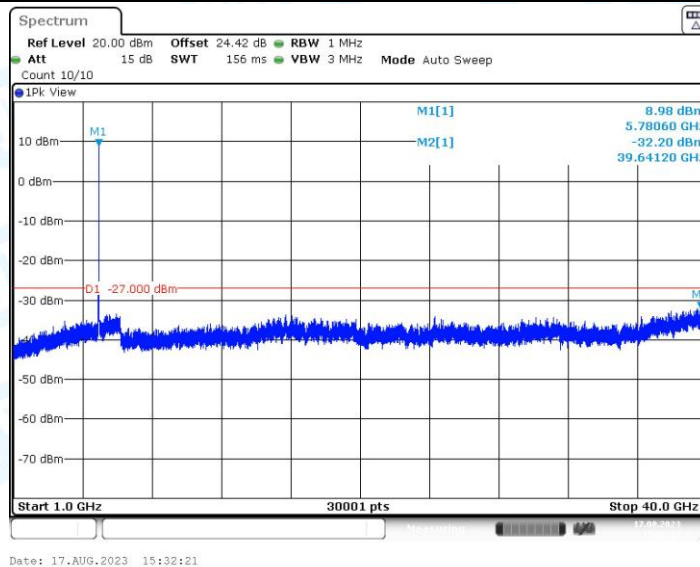
11AC20SISO_Ant1_5745_1000~40000



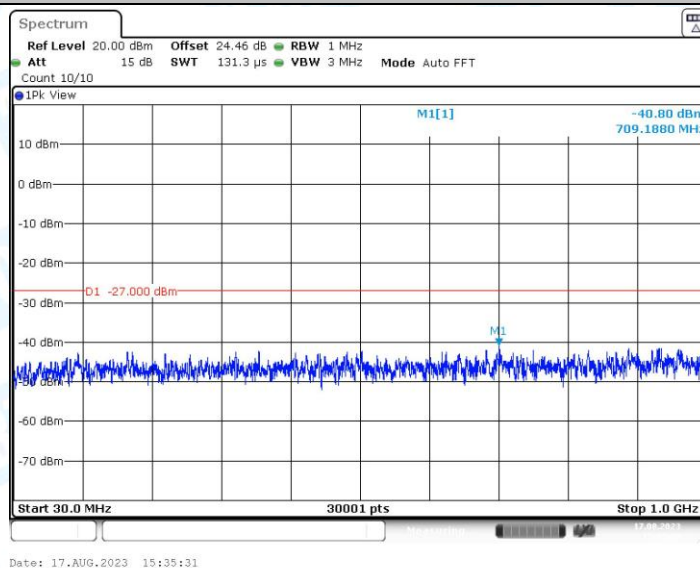
11AC20SISO_Ant1_5785_30~1000



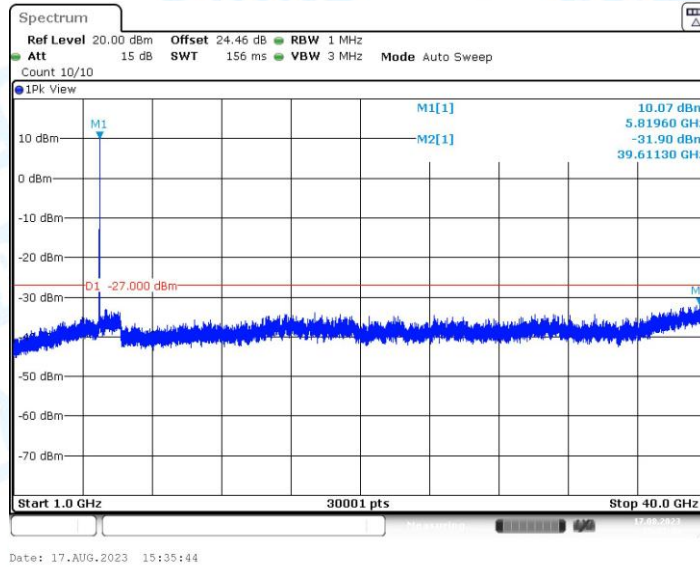
11AC20SISO_Ant1_5785_1000~40000



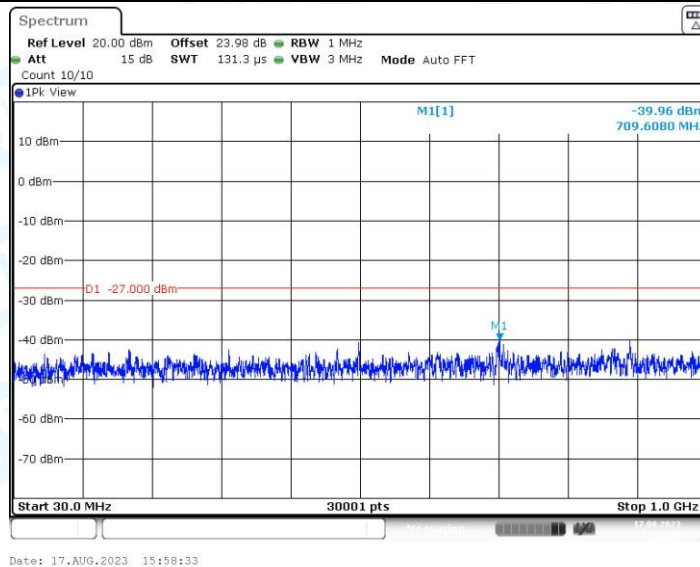
11AC20SISO_Ant1_5825_30~1000



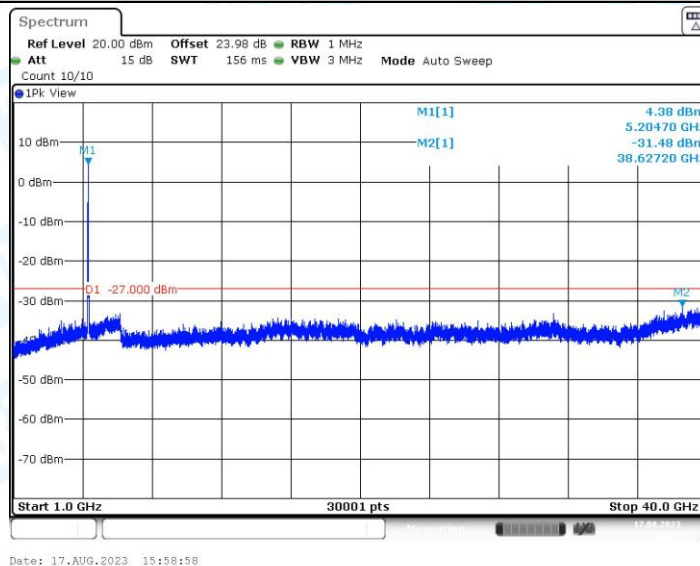
11AC20SISO_Ant1_5825_1000~40000



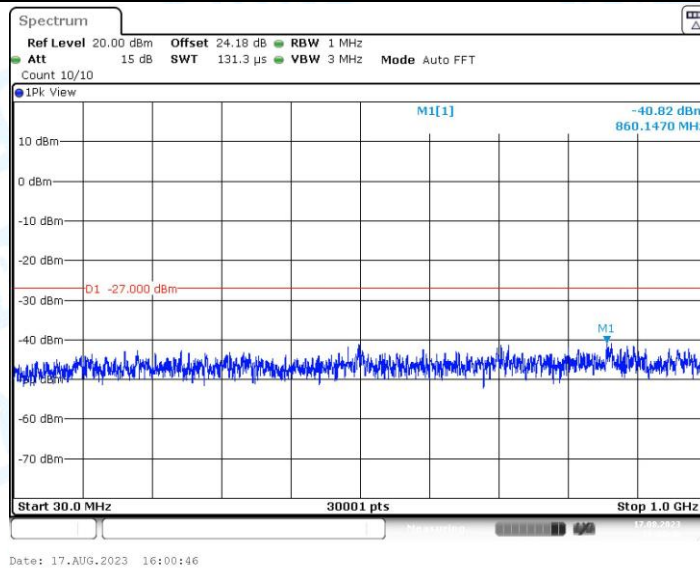
11AC40SISO_Ant1_5190_30~1000



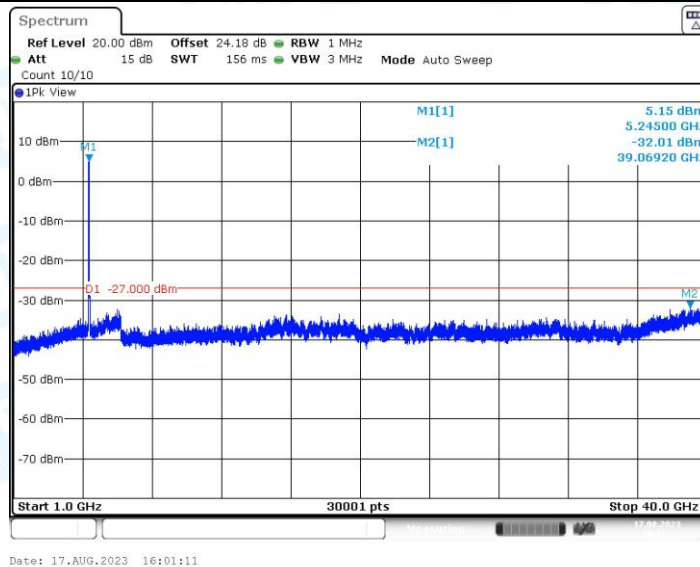
11AC40SISO_Ant1_5190_1000~40000



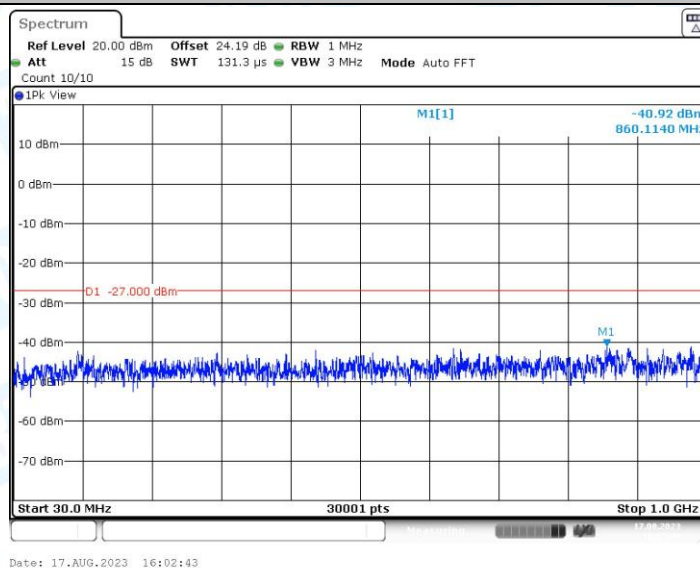
11AC40SISO_Ant1_5230_30~1000



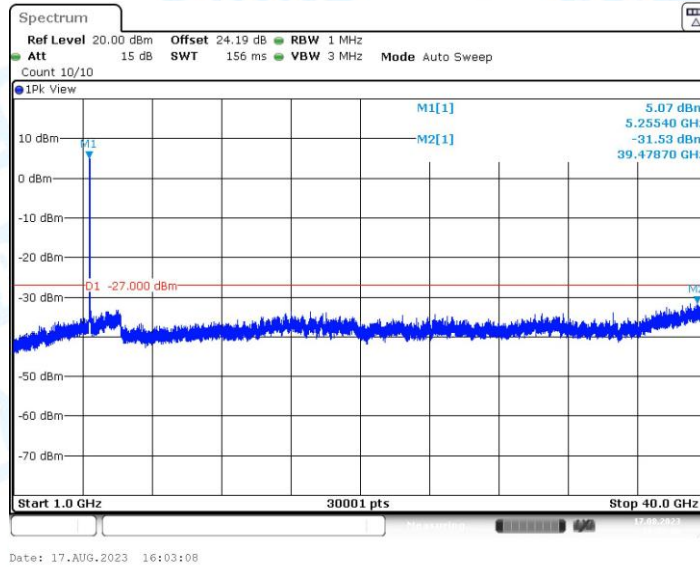
11AC40SISO_Ant1_5230_1000~40000



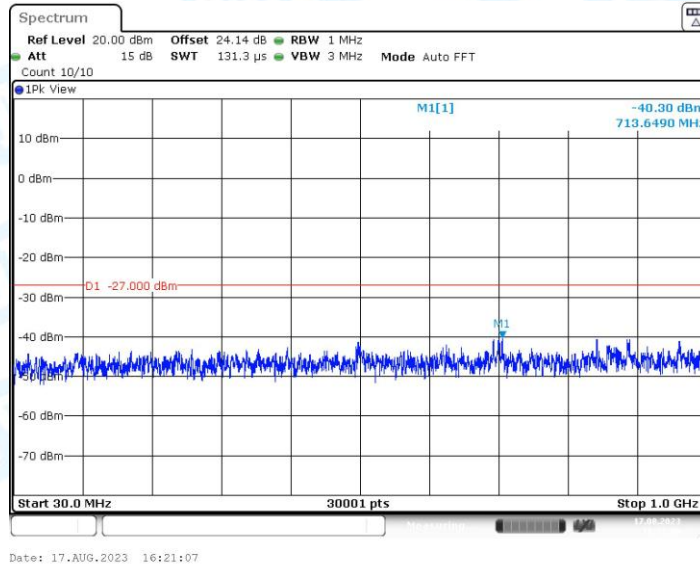
11AC40SISO_Ant1_5270_30~1000



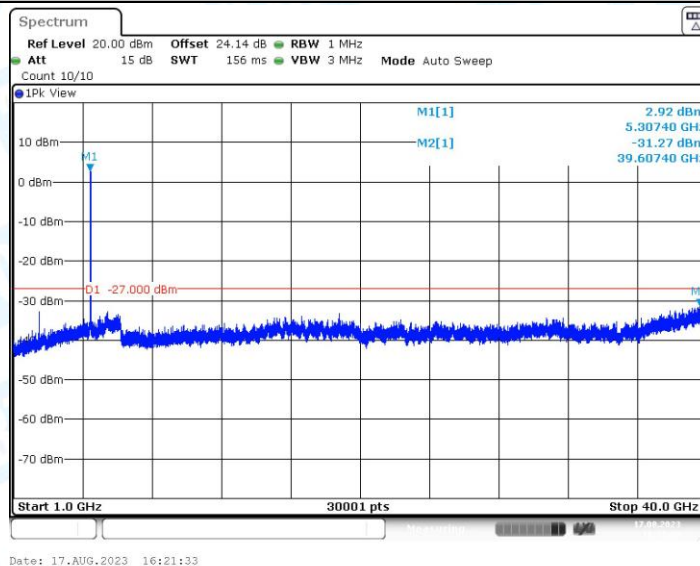
11AC40SISO_Ant1_5270_1000~40000



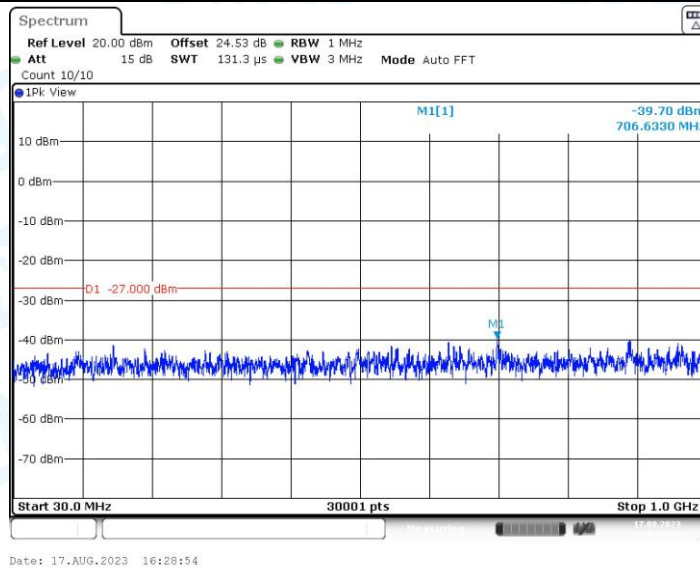
11AC40SISO_Ant1_5310_30~1000



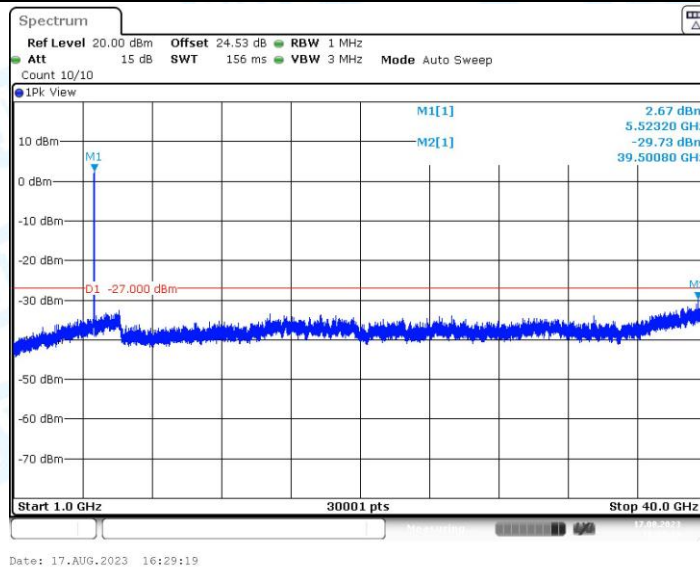
11AC40SISO_Ant1_5310_1000~40000



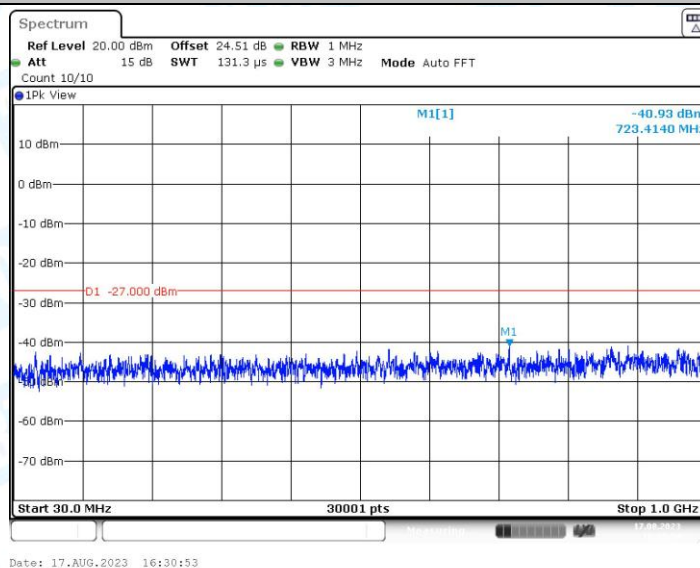
11AC40SISO_Ant1_5510_30~1000



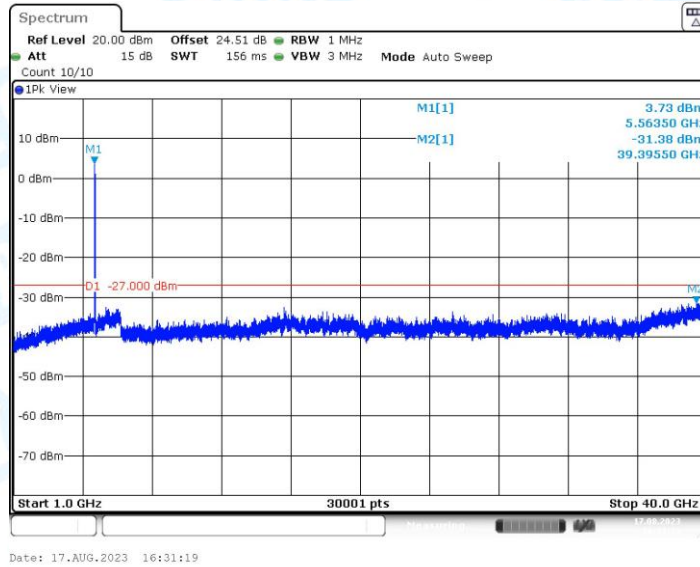
11AC40SISO_Ant1_5510_1000~40000



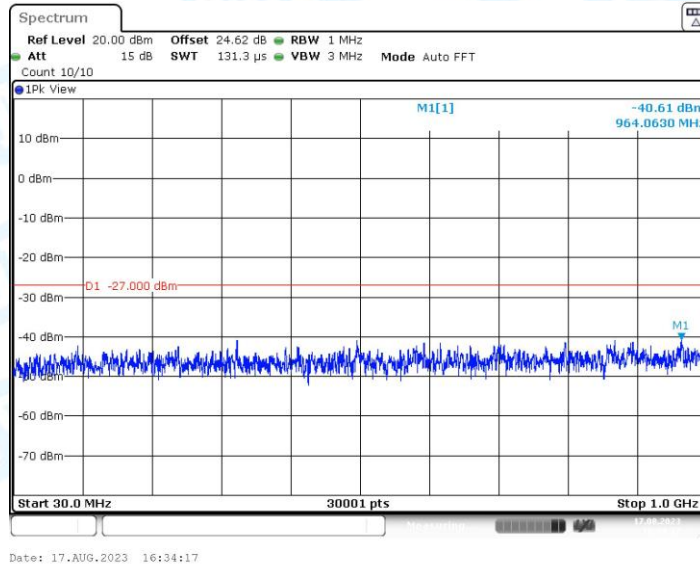
11AC40SISO_Ant1_5550_30~1000



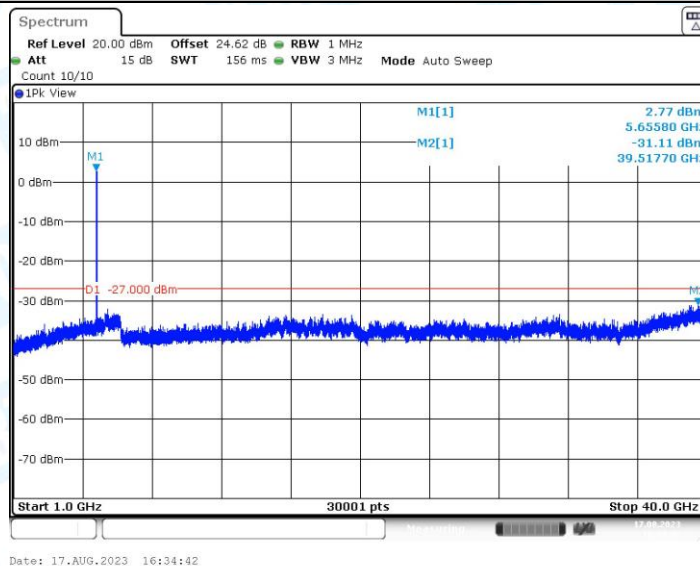
11AC40SISO_Ant1_5550_1000~40000



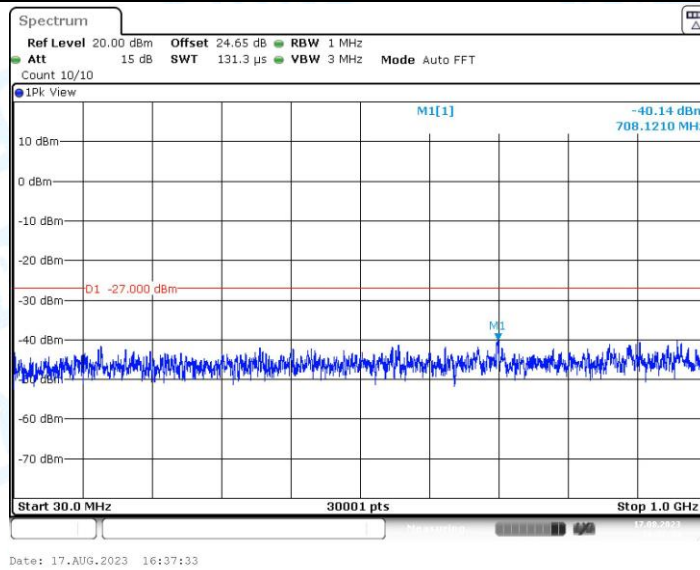
11AC40SISO_Ant1_5670_30~1000



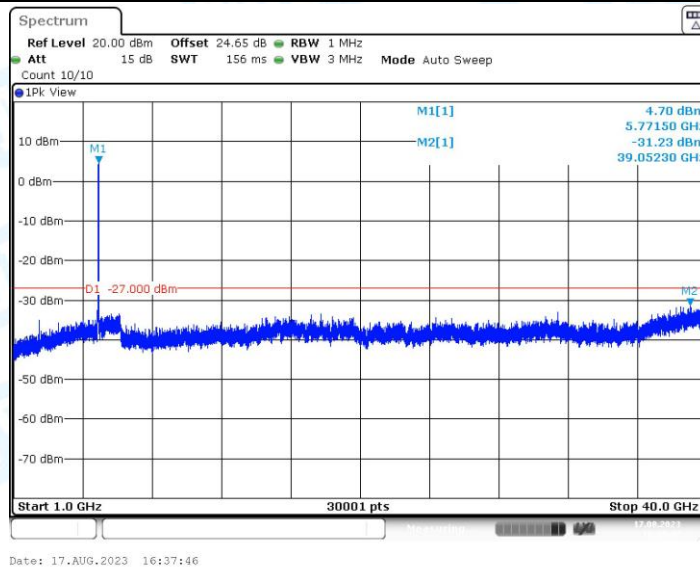
11AC40SISO_Ant1_5670_1000~40000



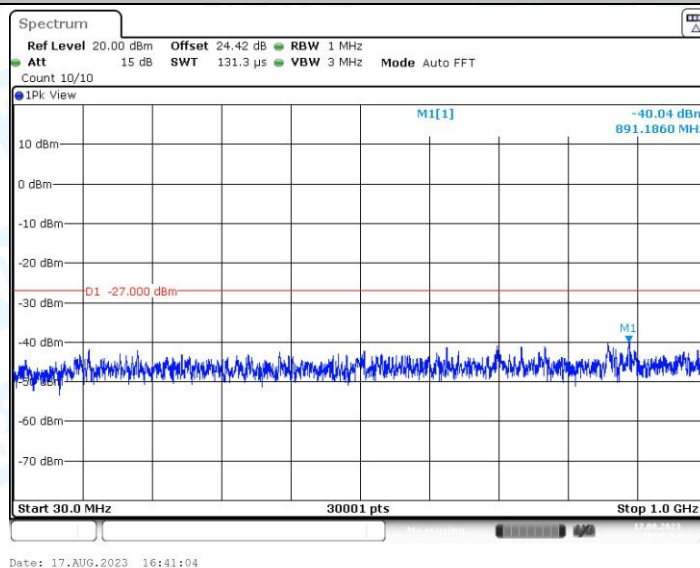
11AC40SISO_Ant1_5755_30~1000



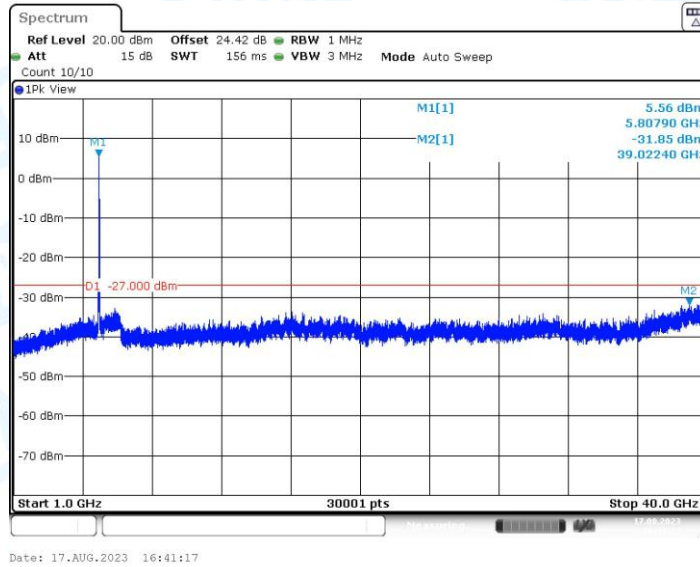
11AC40SISO_Ant1_5755_1000~40000



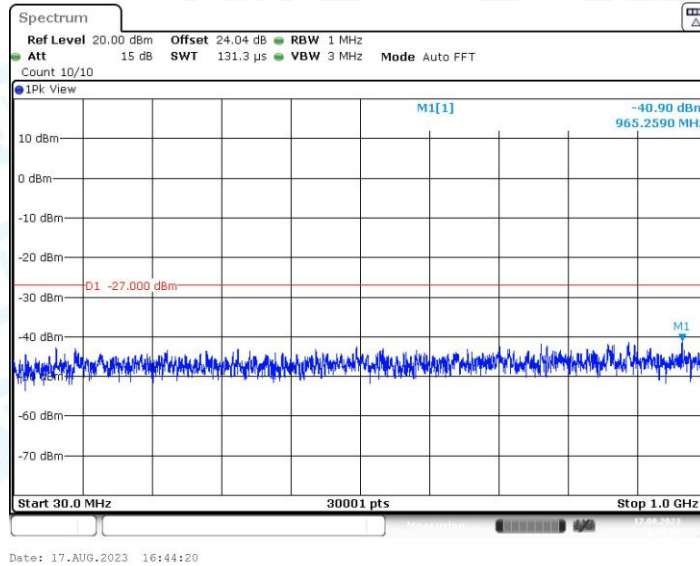
11AC40SISO_Ant1_5795_30~1000



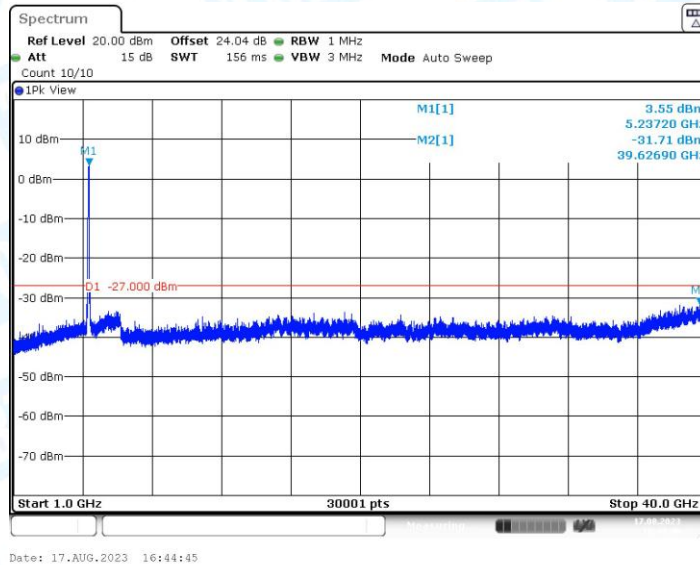
11AC40SISO_Ant1_5795_1000~40000



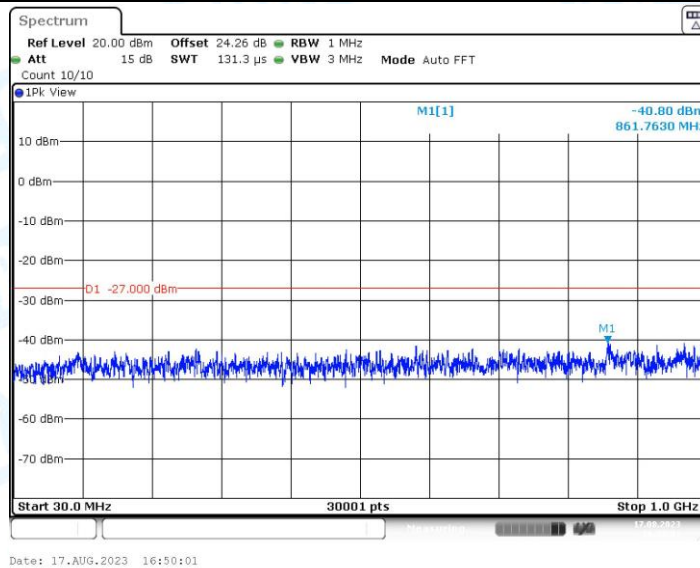
11AC80SISO_Ant1_5210_30~1000



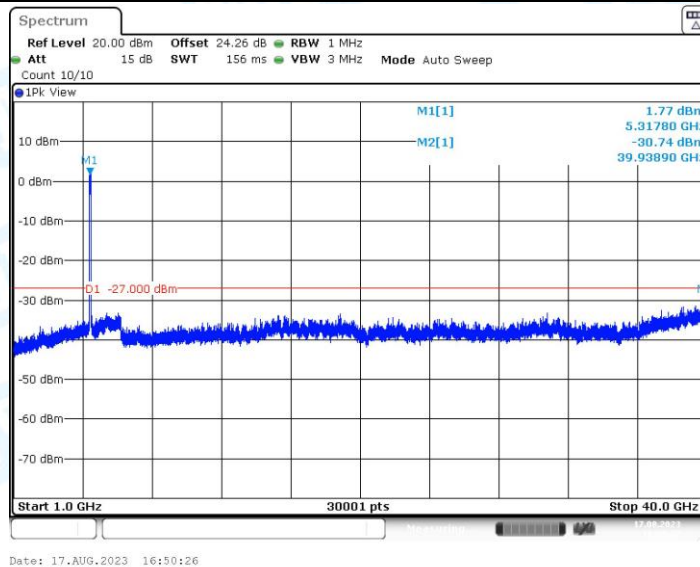
11AC80SISO_Ant1_5210_1000~40000



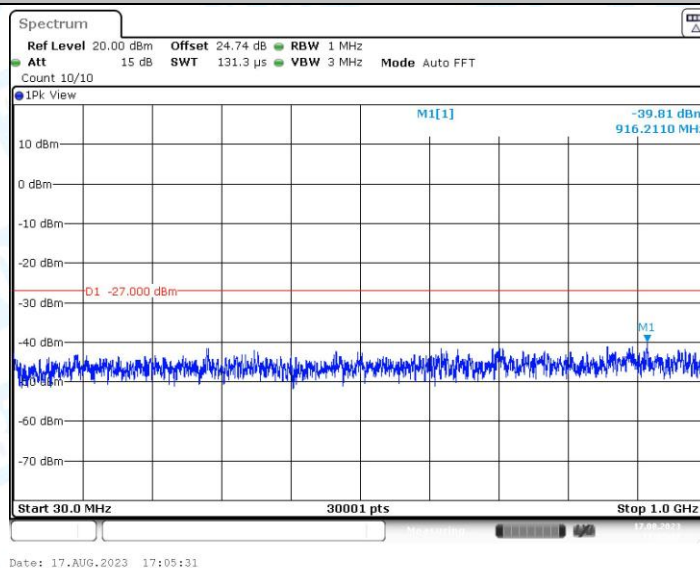
11AC80SISO_Ant1_5290_30~1000



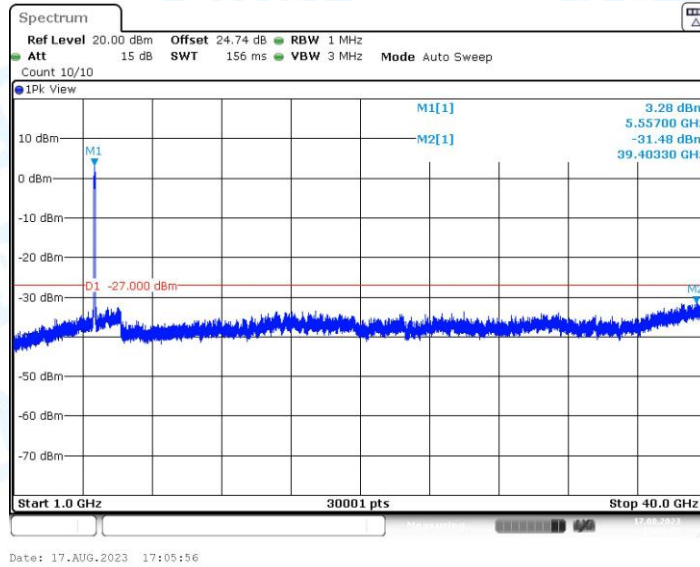
11AC80SISO_Ant1_5290_1000~40000



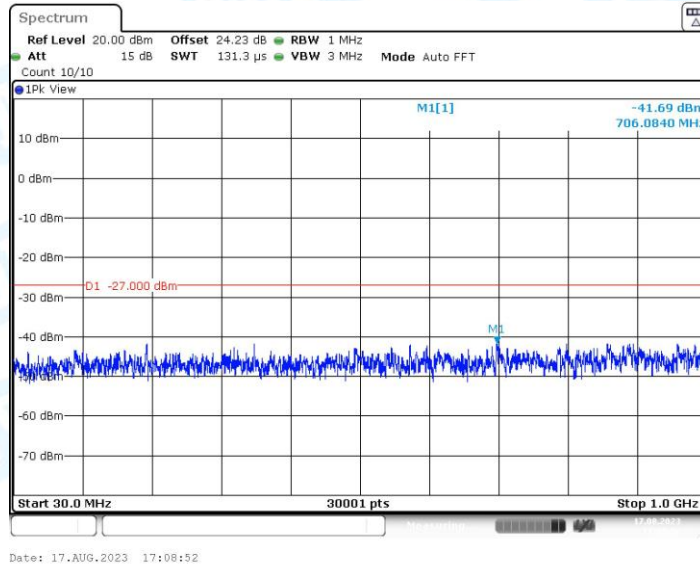
11AC80SISO_Ant1_5530_30~1000



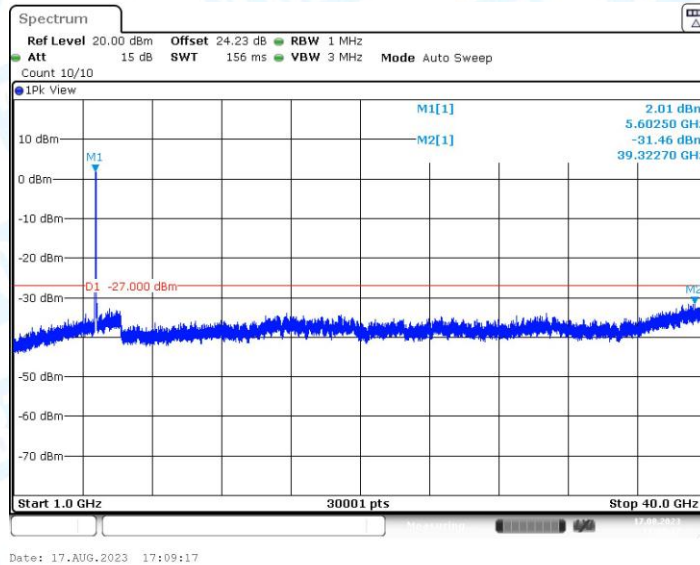
11AC80SISO_Ant1_5530_1000~40000



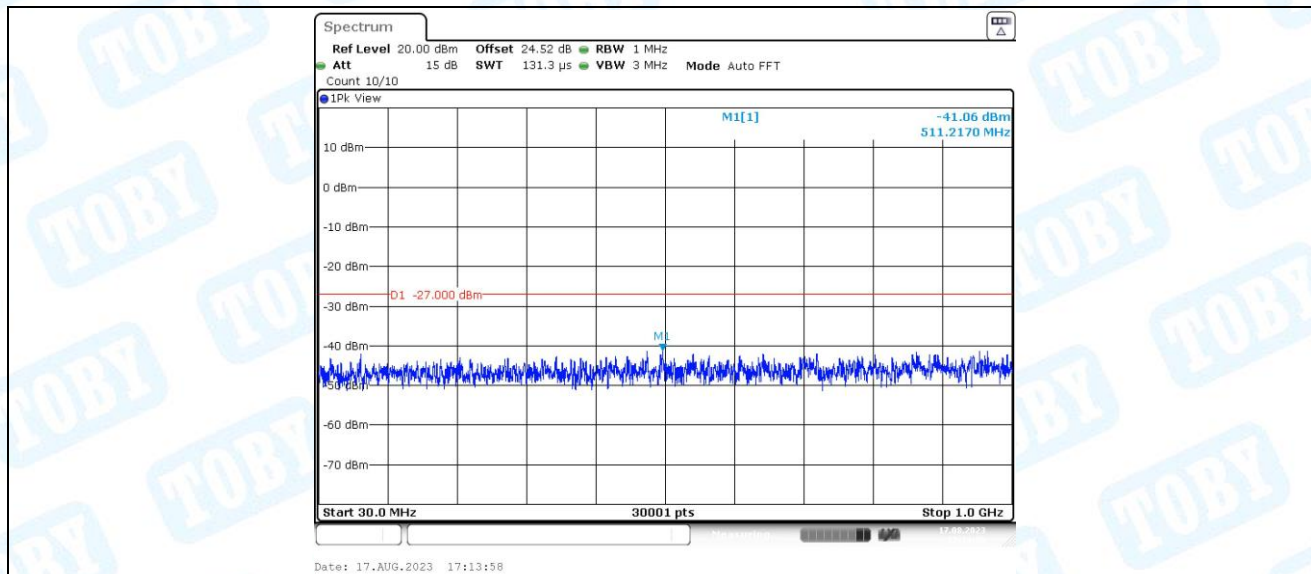
11AC80SISO_Ant1_5610_30~1000



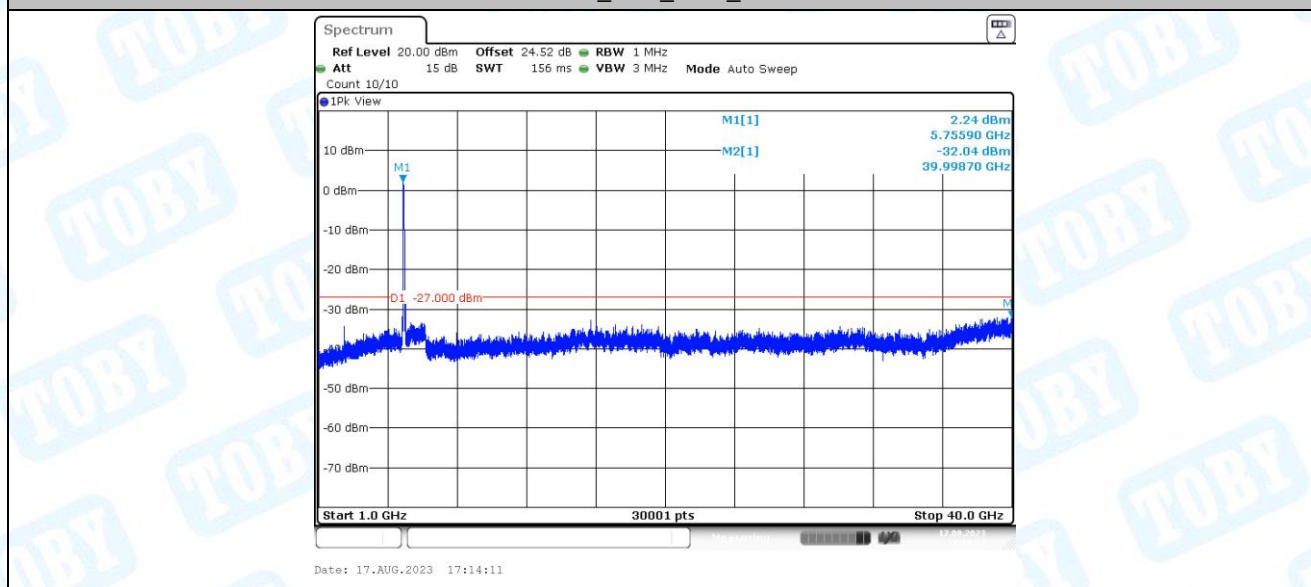
11AC80SISO_Ant1_5610_1000~40000



11AC80SISO_Ant1_5775_30~1000



11AC80SISO_Ant1_5775_1000~40000



9. Frequency Stability

9.1. Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
		5260	NV	NT	-40000.00	-7.604563	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5500	NV	NT	-20000.00	-3.636364	20	PASS
			LV	NT	-20000.00	-3.636364	20	PASS
			HV	NT	-40000.00	-7.272727	20	PASS
		5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-40000.00	-7.722008	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-40000.00	-7.722008	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5260	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	-20000.00	-3.802281	20	PASS
			NV	-10	-20000.00	-3.802281	20	PASS
			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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.802281	20	PASS
		5500	NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	-20000.00	-3.636364	20	PASS
			NV	-10	-20000.00	-3.636364	20	PASS
			NV	0	-40000.00	-7.272727	20	PASS

			NV	10	-40000.00	-7.272727	20	PASS
			NV	20	-20000.00	-3.636364	20	PASS
			NV	30	-20000.00	-3.636364	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	-20000.00	-3.636364	20	PASS
		5745	NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-20000.00	-3.481288	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-40000.00	-6.962576	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-40000.00	-6.962576	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS

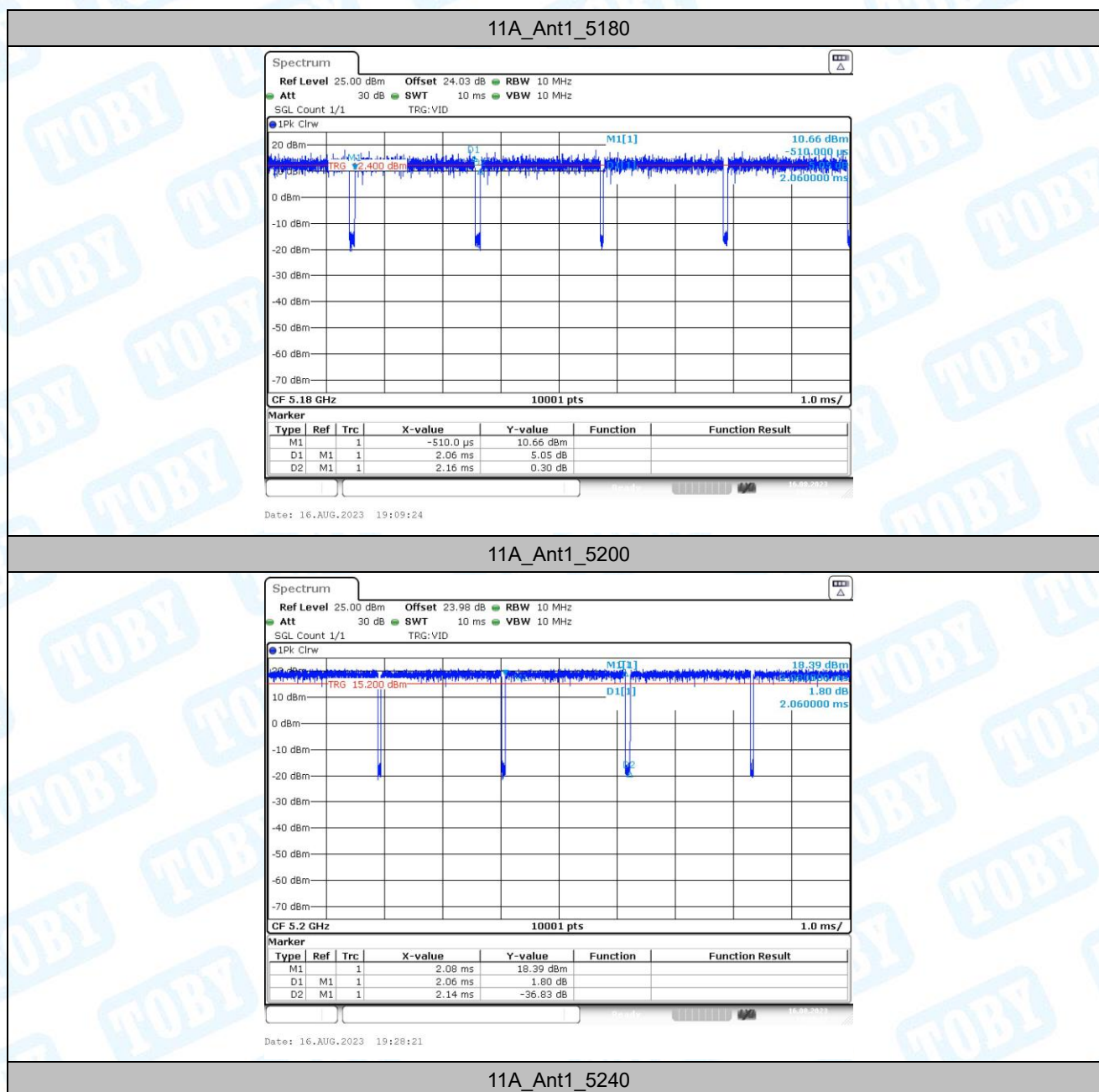
10. Duty Cycle

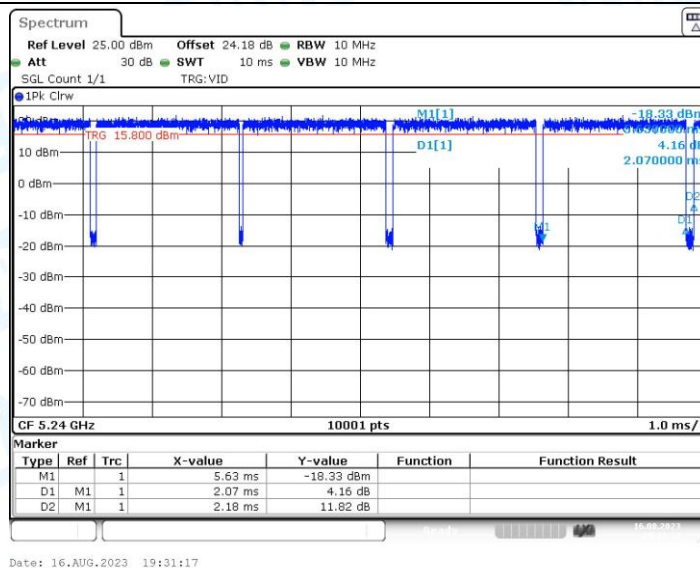
10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]	Limit	Verdict
11A	Ant1	5180	2.06	2.16	95.37	0.485	---	---
		5200	2.06	2.14	96.26	0.485	---	---
		5240	2.07	2.18	94.95	0.483	---	---
		5260	2.07	2.18	94.95	0.483	---	---
		5280	2.06	2.14	96.26	0.485	---	---
		5320	2.06	2.18	94.50	0.485	---	---
		5500	2.07	2.18	94.95	0.483	---	---
		5580	2.06	2.18	94.50	0.485	---	---
		5700	2.06	2.17	94.93	0.485	---	---
		5745	2.07	2.16	95.83	0.483	---	---
		5785	2.06	2.18	94.50	0.485	---	---
		5825	2.06	2.17	94.93	0.485	---	---
11N20SISO	Ant1	5180	1.92	2.03	94.58	0.521	---	---
		5200	1.92	2.03	94.58	0.521	---	---
		5240	1.92	2.01	95.52	0.521	---	---
		5260	1.92	2.04	94.12	0.521	---	---
		5280	1.92	2.02	95.05	0.521	---	---
		5320	1.92	2.04	94.12	0.521	---	---
		5500	1.92	2.03	94.58	0.521	---	---
		5580	1.92	1.99	96.48	0.521	---	---
		5700	1.92	2.02	95.05	0.521	---	---
		5745	1.92	2.02	95.05	0.521	---	---
		5785	1.92	2.01	95.52	0.521	---	---
		5825	1.92	2.02	95.05	0.521	---	---
11N40SISO	Ant1	5190	0.94	1.05	89.52	1.064	---	---
		5230	0.95	1.04	91.35	1.053	---	---
		5270	0.94	1.06	88.68	1.064	---	---
		5310	0.95	1.06	89.62	1.053	---	---
		5510	0.94	1.04	90.38	1.064	---	---
		5550	0.95	1.05	90.48	1.053	---	---
		5670	0.95	1.03	92.23	1.053	---	---
		5755	0.95	1.06	89.62	1.053	---	---
		5795	0.94	1.04	90.38	1.064	---	---
11AC20SISO	Ant1	5180	1.93	2.04	94.61	0.518	---	---
		5200	1.93	2.04	94.61	0.518	---	---
		5240	1.93	2.04	94.61	0.518	---	---
		5260	1.93	2.03	95.07	0.518	---	---
		5280	1.94	2.04	95.10	0.515	---	---
		5320	1.94	2.03	95.57	0.515	---	---

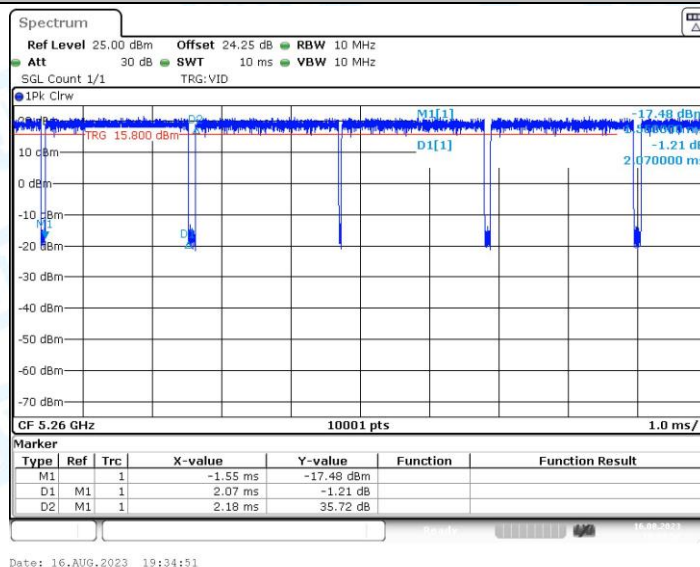
		5500	1.93	2.04	94.61	0.518	---	---
		5580	1.93	2.05	94.15	0.518	---	---
		5700	1.93	2.05	94.15	0.518	---	---
		5745	1.93	2.03	95.07	0.518	---	---
		5785	1.93	2.00	96.50	0.518	---	---
		5825	1.93	2.04	94.61	0.518	---	---
11AC40SISO	Ant1	5190	0.95	1.06	89.62	1.053	---	---
		5230	0.95	1.06	89.62	1.053	---	---
		5270	0.96	1.04	92.31	1.042	---	---
		5310	0.96	1.05	91.43	1.042	---	---
		5510	0.96	1.06	90.57	1.042	---	---
		5550	0.95	1.06	89.62	1.053	---	---
		5670	0.95	1.06	89.62	1.053	---	---
		5755	0.96	1.07	89.72	1.042	---	---
		5795	0.96	1.06	90.57	1.042	---	---
11AC80SISO	Ant1	5210	0.46	0.58	79.31	2.174	---	---
		5290	0.46	0.57	80.70	2.174	---	---
		5530	0.46	0.57	80.70	2.174	---	---
		5610	0.46	0.57	80.70	2.174	---	---
		5775	0.46	0.57	80.70	2.174	---	---

10.2. Test Graphs

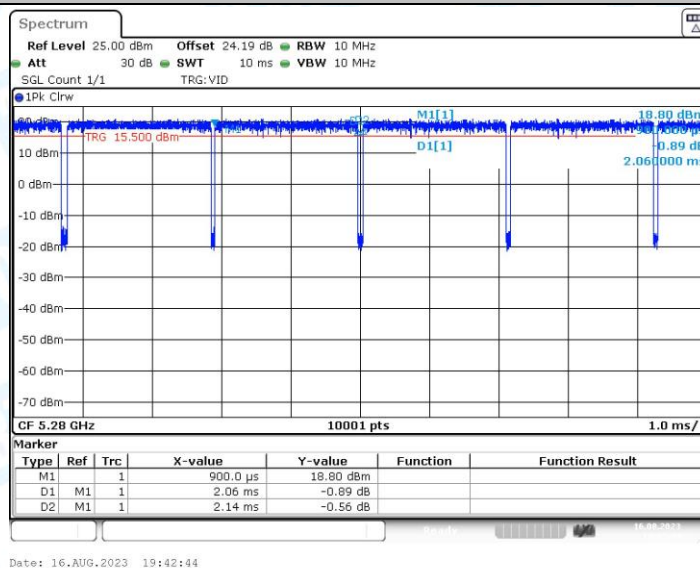




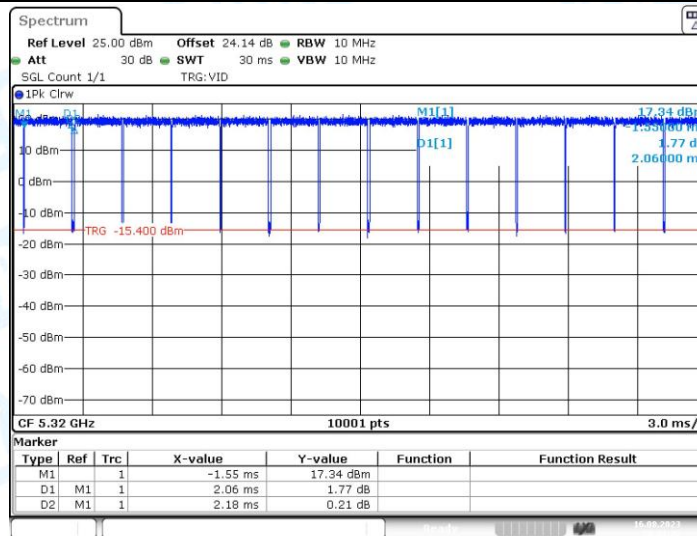
11A_Ant1_5260



11A_Ant1_5280

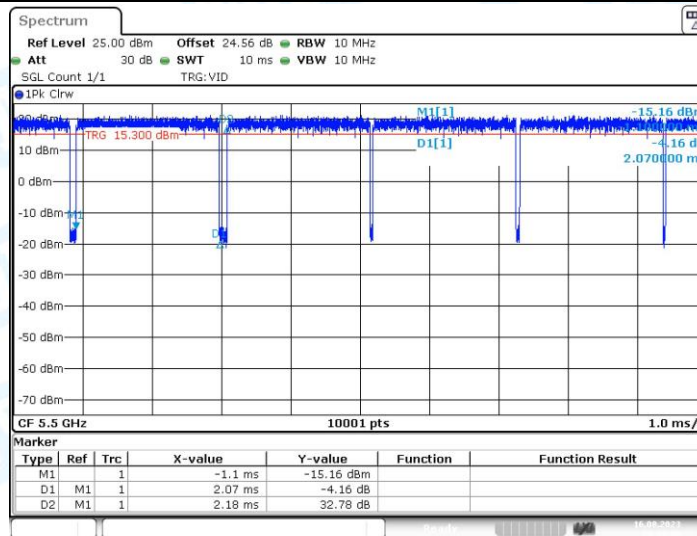


11A_Ant1_5320



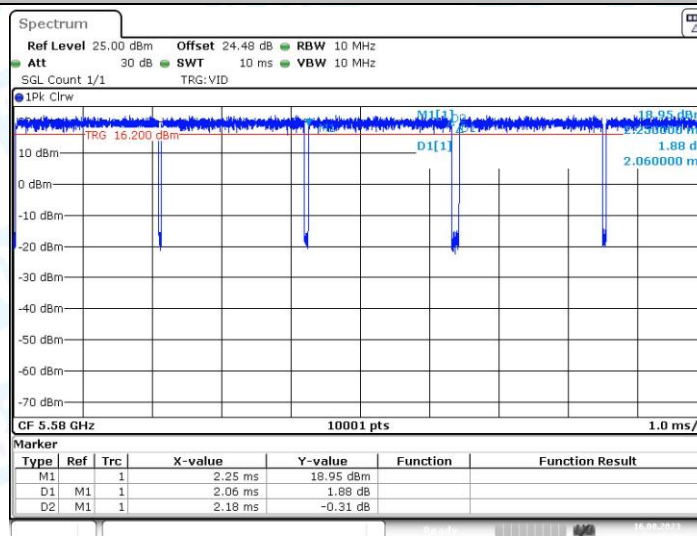
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11A_Ant1_5500



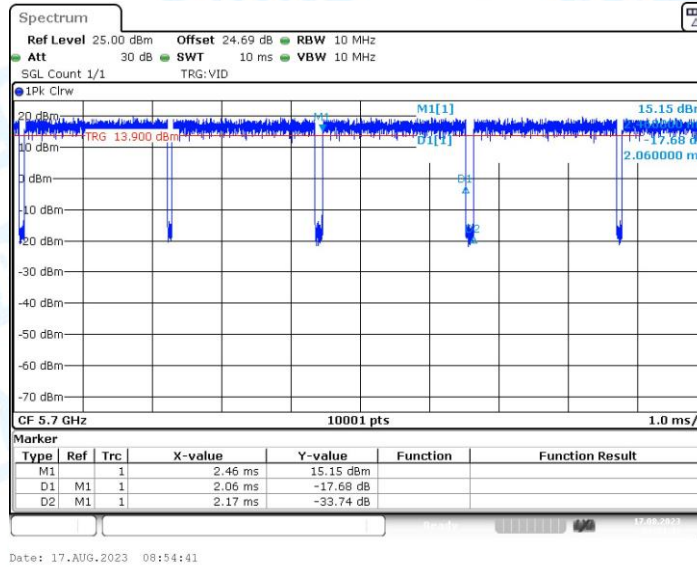
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11A_Ant1_5580

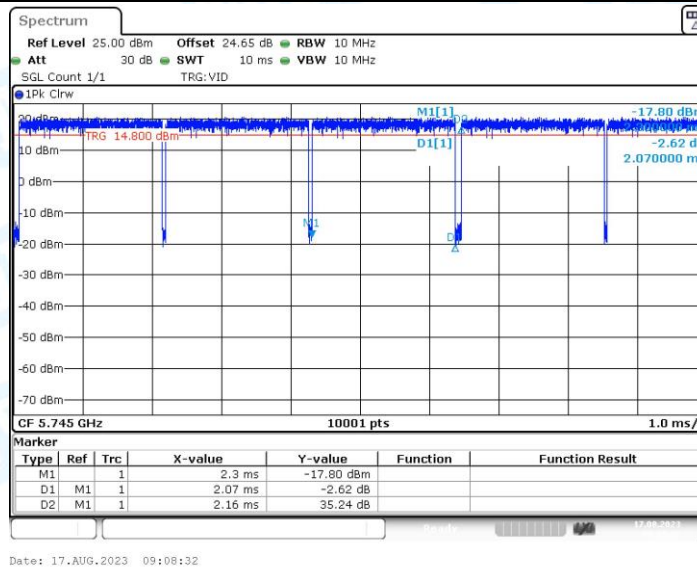


Date: 16.AUG.2023 20:18:48

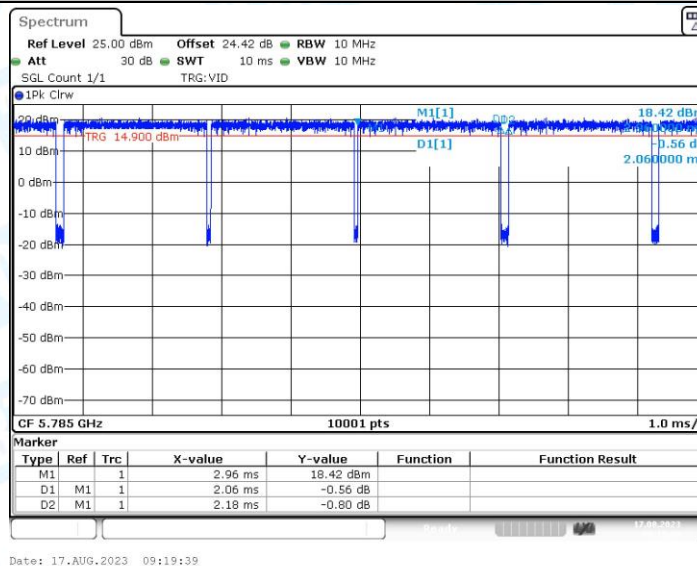
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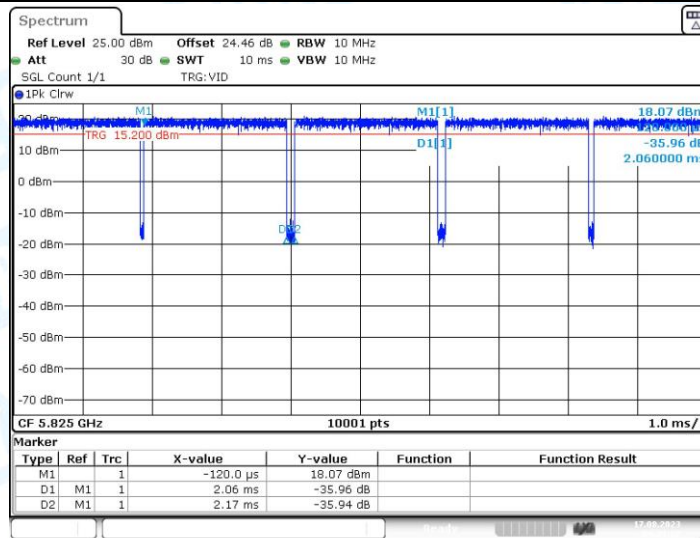
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11A_Ant1_5785

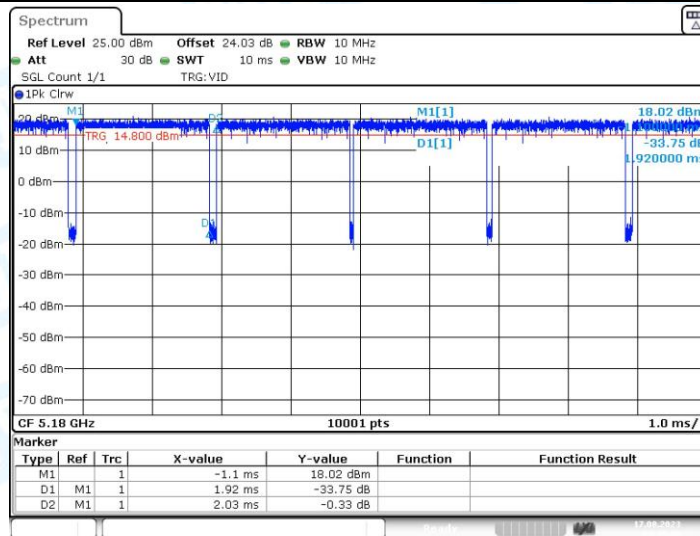


11A_Ant1_5825



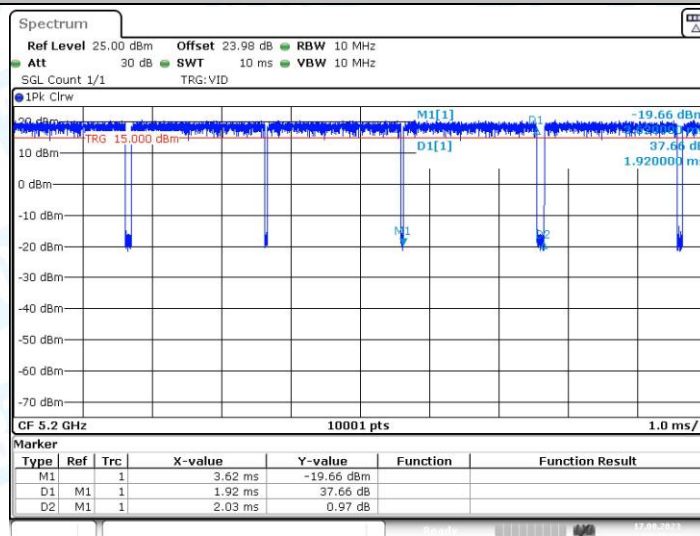
Date: 17.AUG.2023 09:25:27

11N20SISO_Ant1_5180



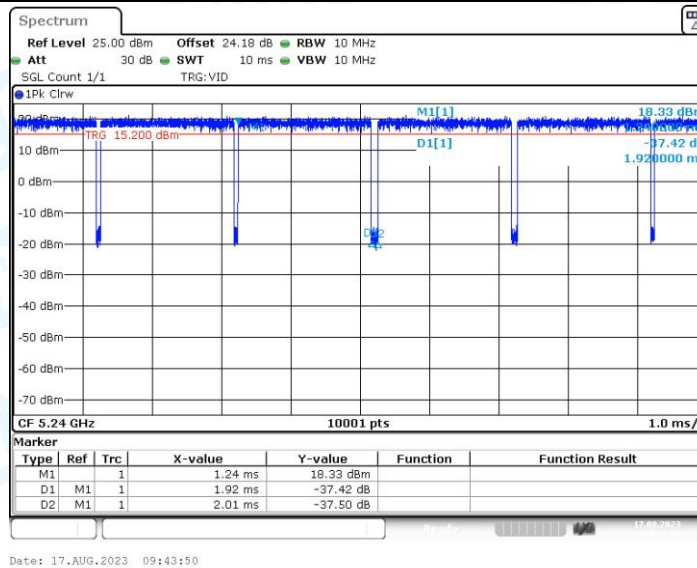
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11N20SISO_Ant1_5200

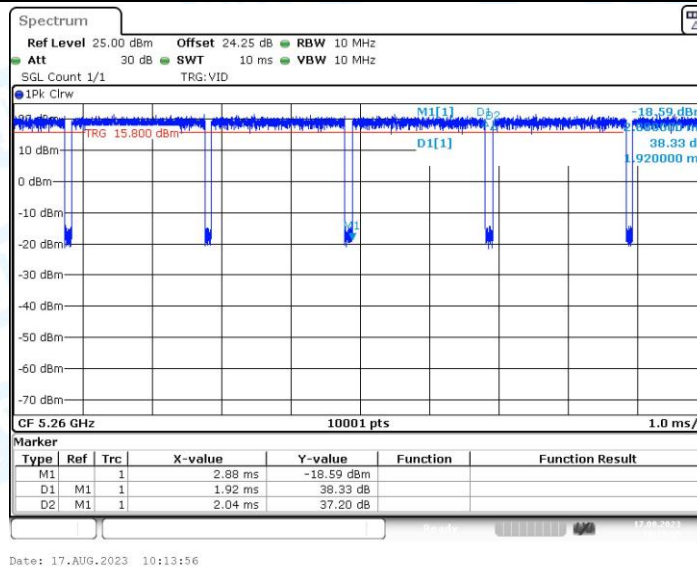


Date: 17.AUG.2023 09:31:20

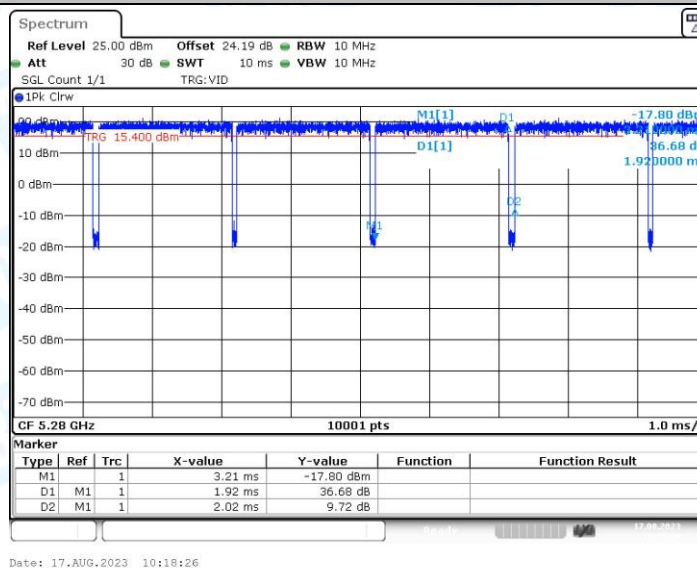
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11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320