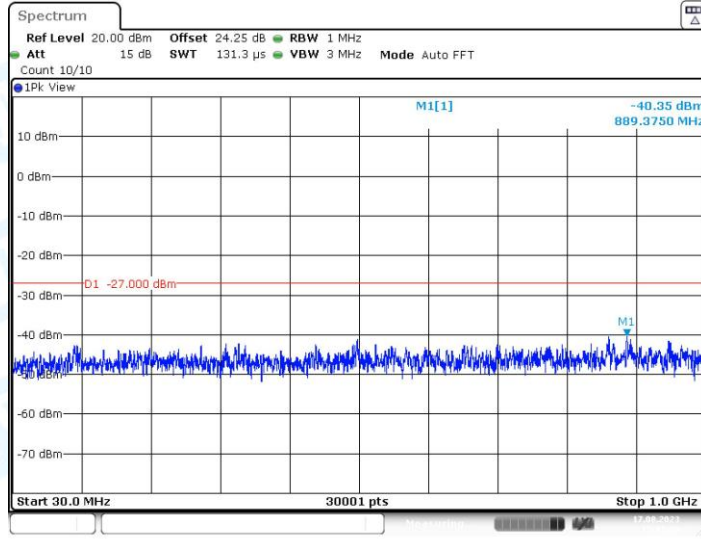


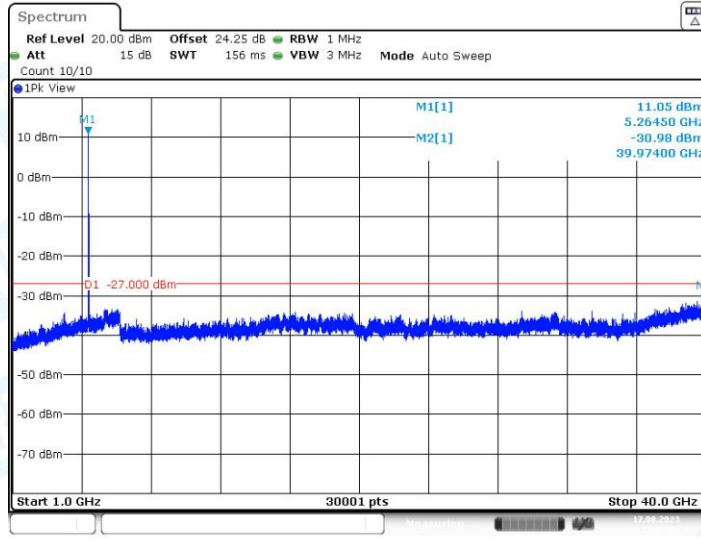
Date: 17.AUG.2023 14:59:39

11AC20SISO\_Ant1\_5260\_30~1000



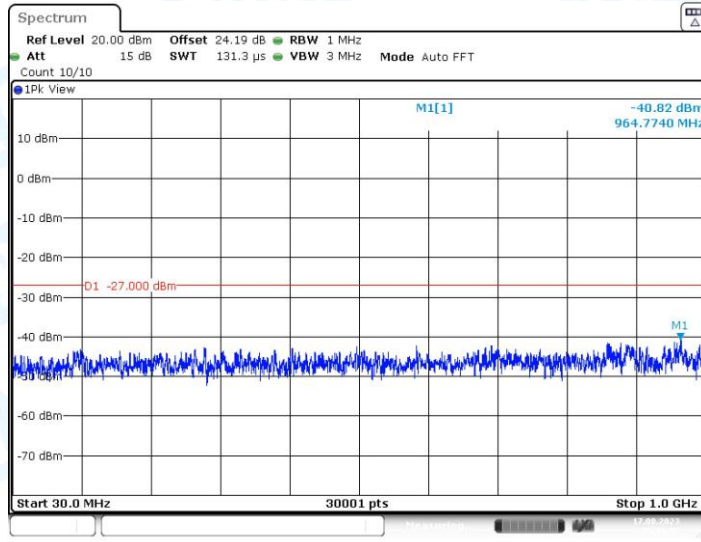
Date: 17.AUG.2023 15:01:35

11AC20SISO\_Ant1\_5260\_1000~40000



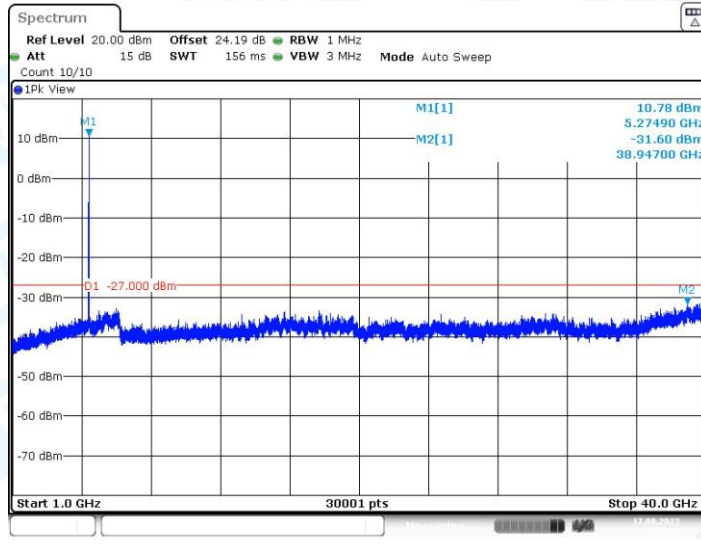
Date: 17.AUG.2023 15:02:01

11AC20SISO\_Ant1\_5280\_30~1000



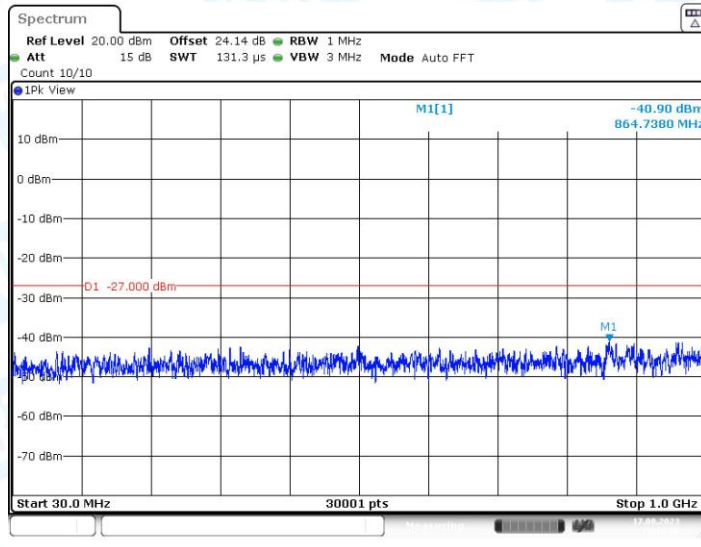
Date: 17.AUG.2023 15:03:55

11AC20SISO\_Ant1\_5280\_1000~40000



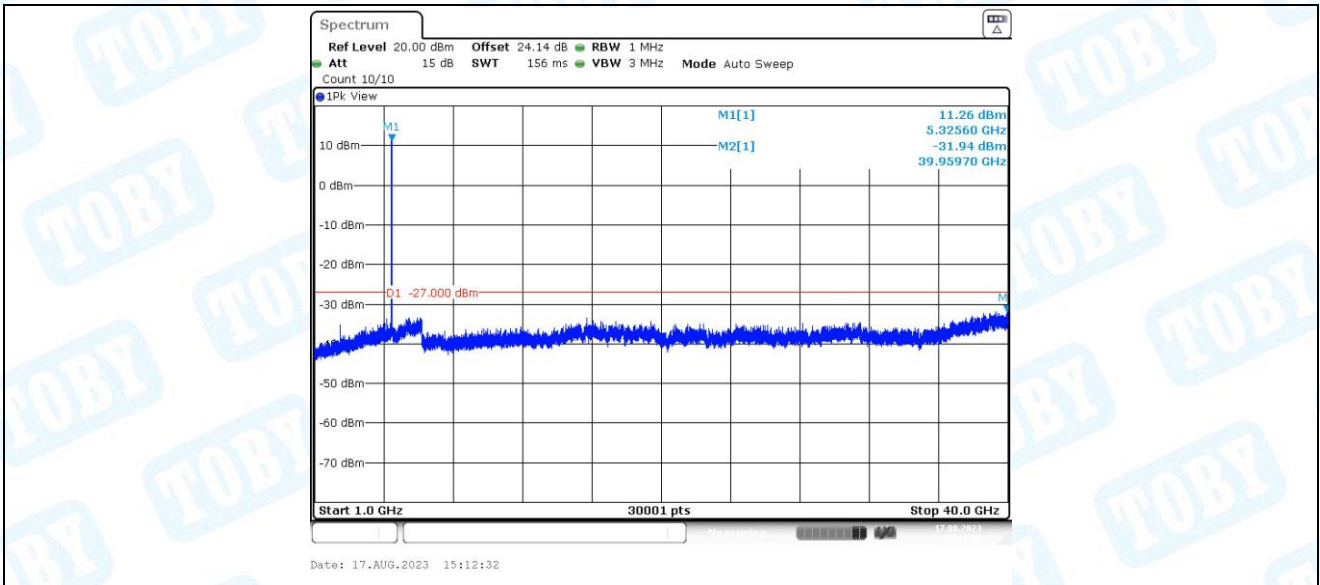
Date: 17.AUG.2023 15:04:20

11AC20SISO\_Ant1\_5320\_30~1000

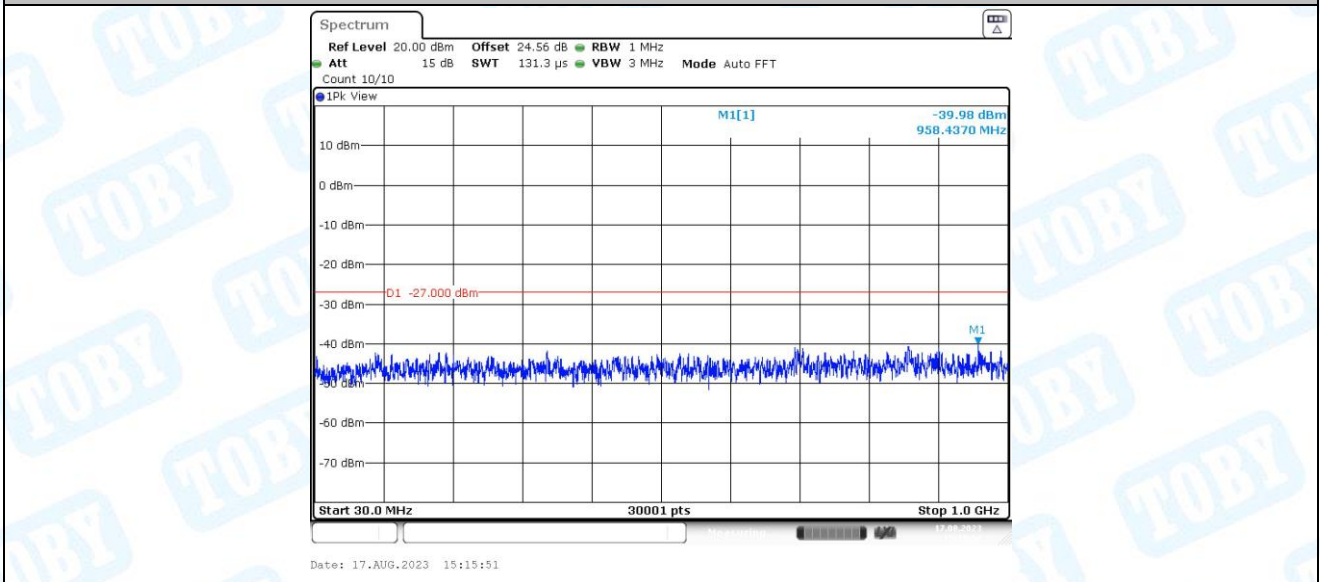


Date: 17.AUG.2023 15:12:06

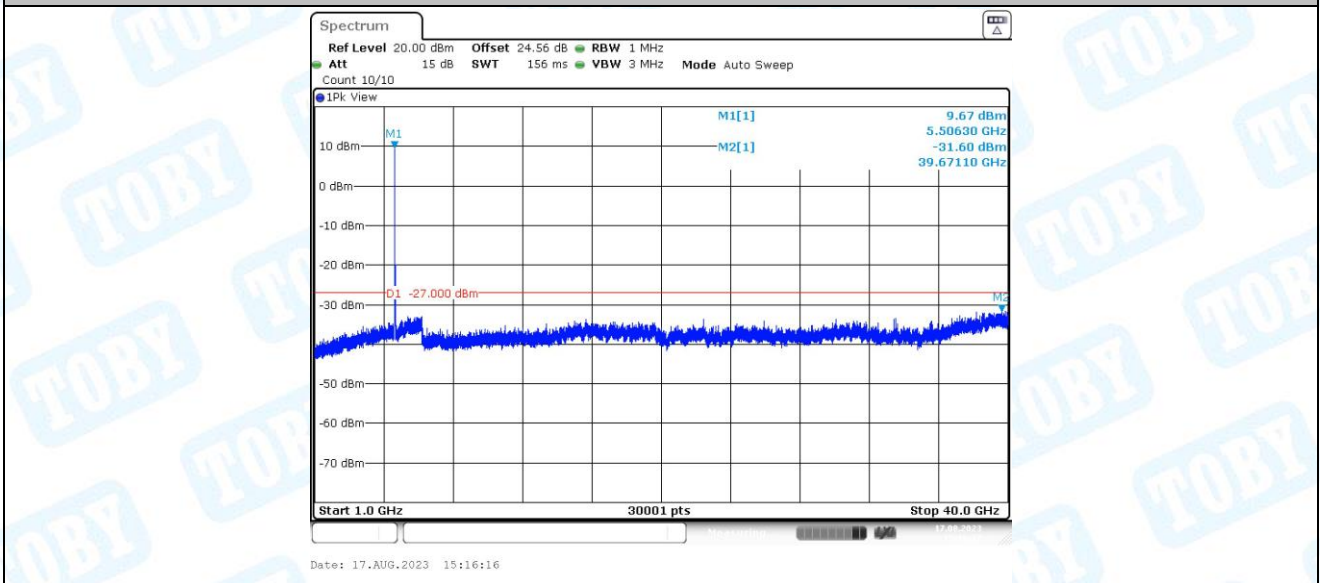
11AC20SISO\_Ant1\_5320\_1000~40000



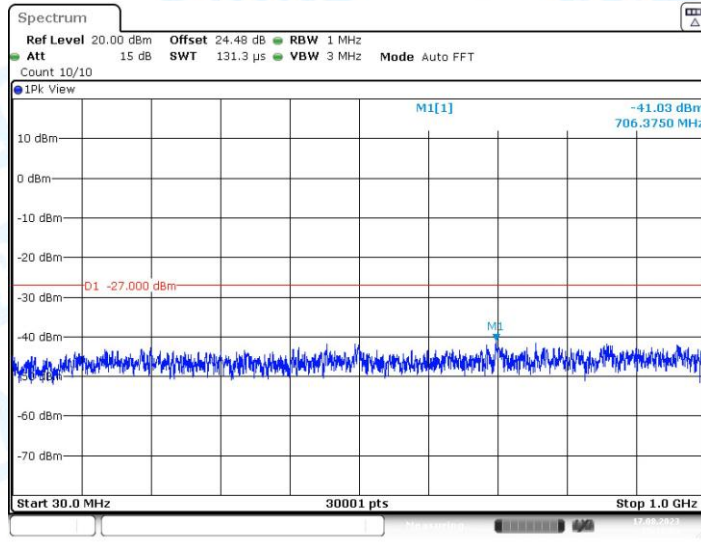
11AC20SISO\_Ant1\_5500\_30~1000



11AC20SISO\_Ant1\_5500\_1000~40000

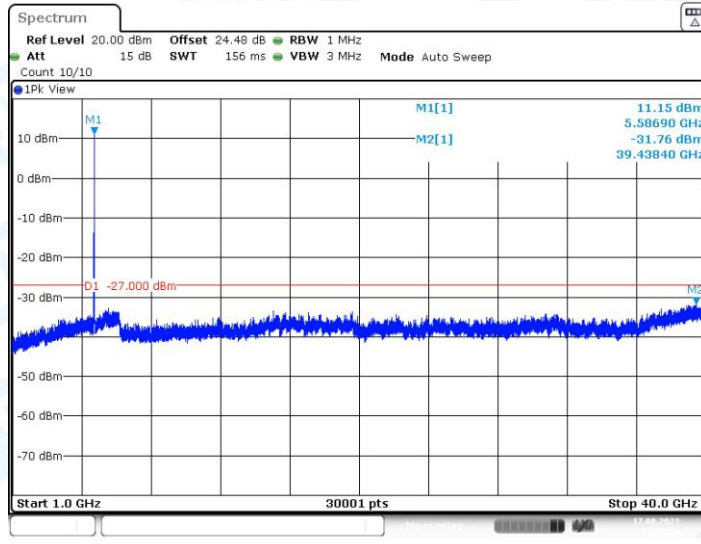


11AC20SISO\_Ant1\_5580\_30~1000



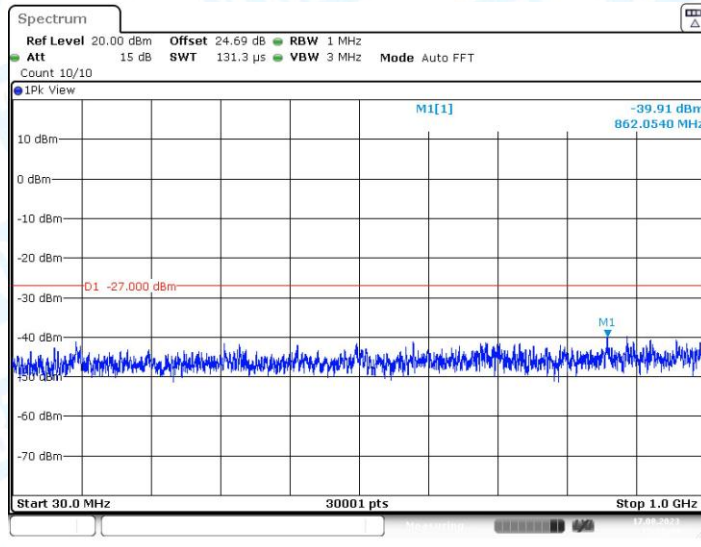
Date: 17.AUG.2023 15:18:03

11AC20SISO\_Ant1\_5580\_1000~4000



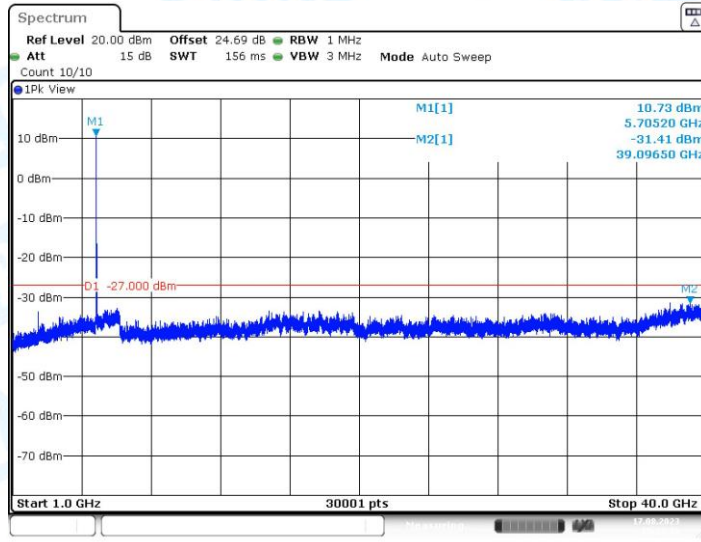
Date: 17.AUG.2023 15:18:28

11AC20SISO\_Ant1\_5700\_30~1000



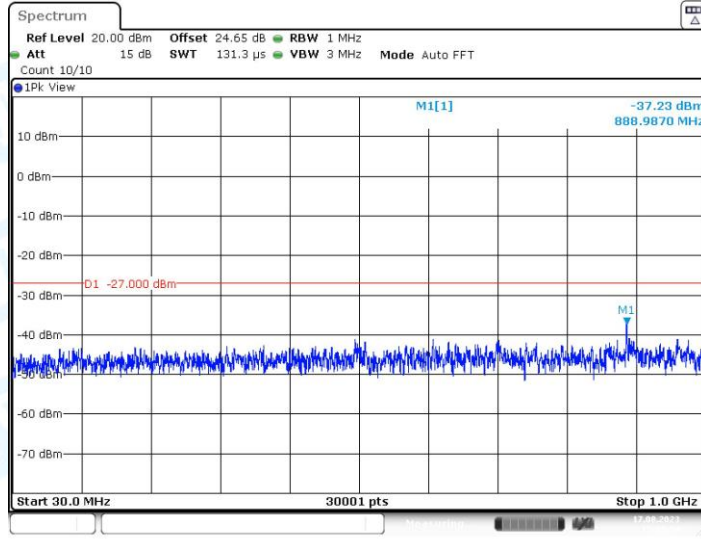
Date: 17.AUG.2023 15:21:45

11AC20SISO\_Ant1\_5700\_1000~4000



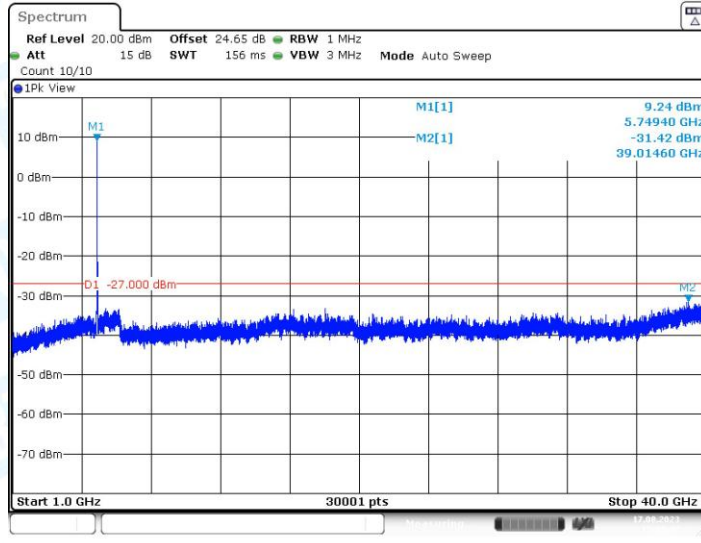
Date: 17.AUG.2023 15:22:10

11AC20SISO\_Ant1\_5745\_30~1000



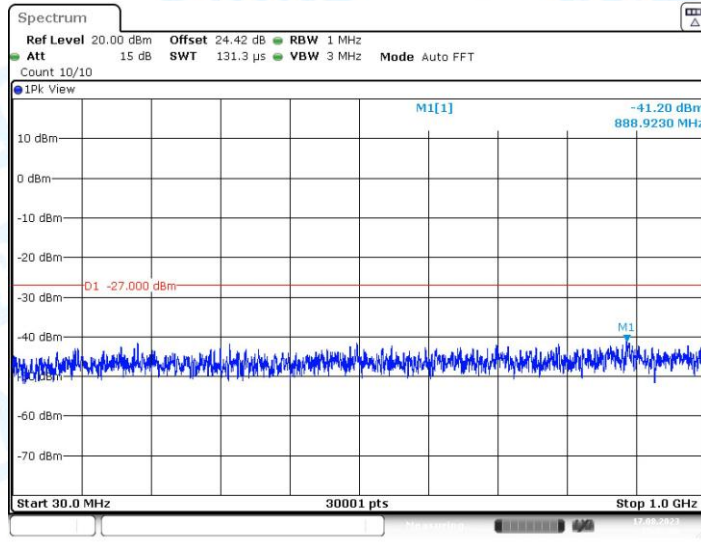
Date: 17.AUG.2023 15:28:34

11AC20SISO\_Ant1\_5745\_1000~40000



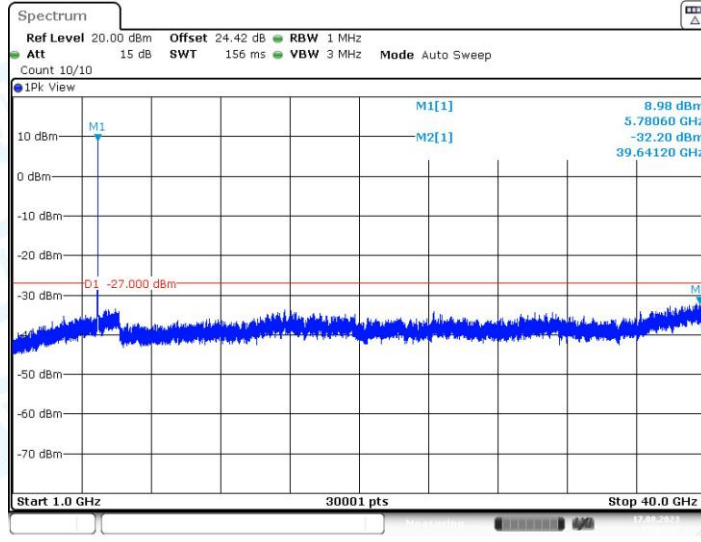
Date: 17.AUG.2023 15:28:47

11AC20SISO\_Ant1\_5785\_30~1000



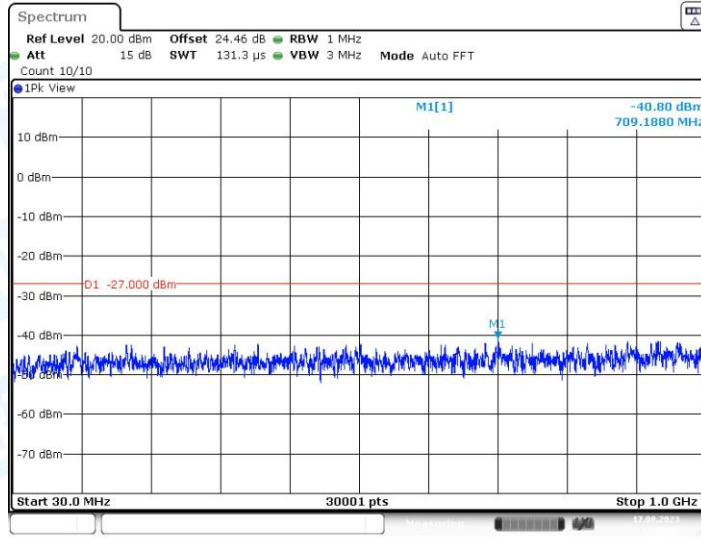
Date: 17.AUG.2023 15:32:08

11AC20SISO\_Ant1\_5785\_1000~40000



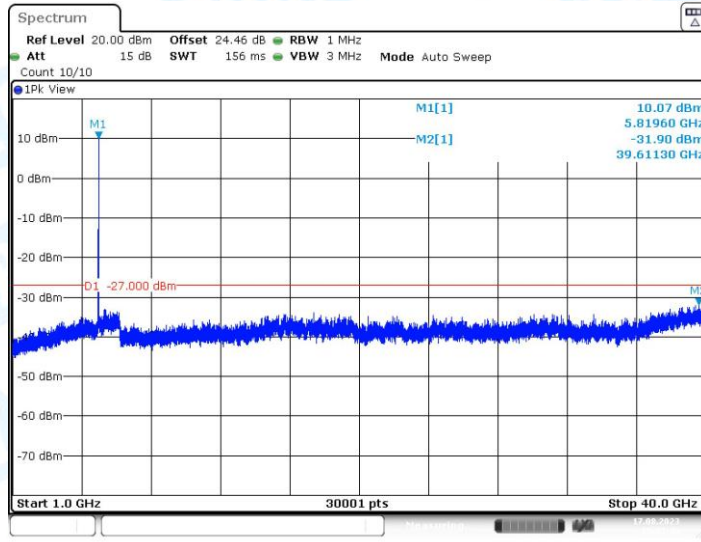
Date: 17.AUG.2023 15:32:21

11AC20SISO\_Ant1\_5825\_30~1000



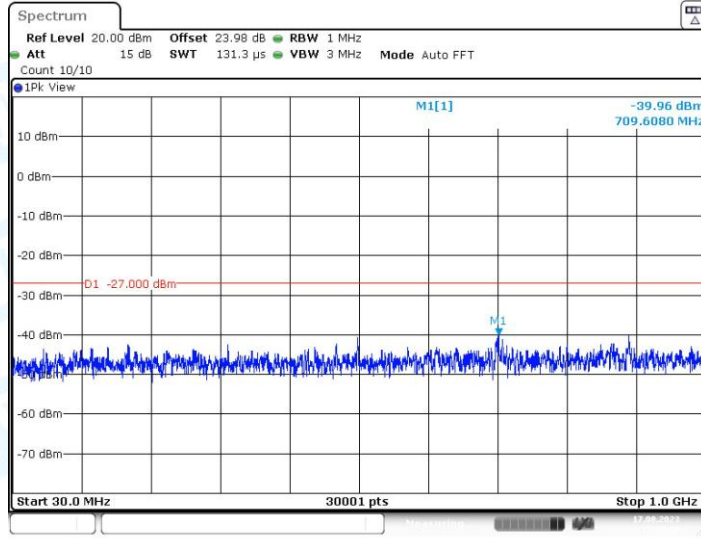
Date: 17.AUG.2023 15:35:31

11AC20SISO\_Ant1\_5825\_1000~40000



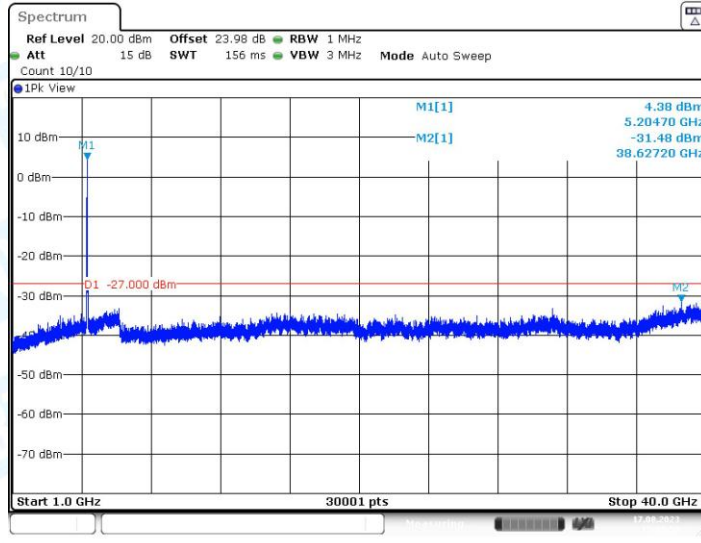
Date: 17.AUG.2023 15:35:44

11AC40SISO\_Ant1\_5190\_30~1000



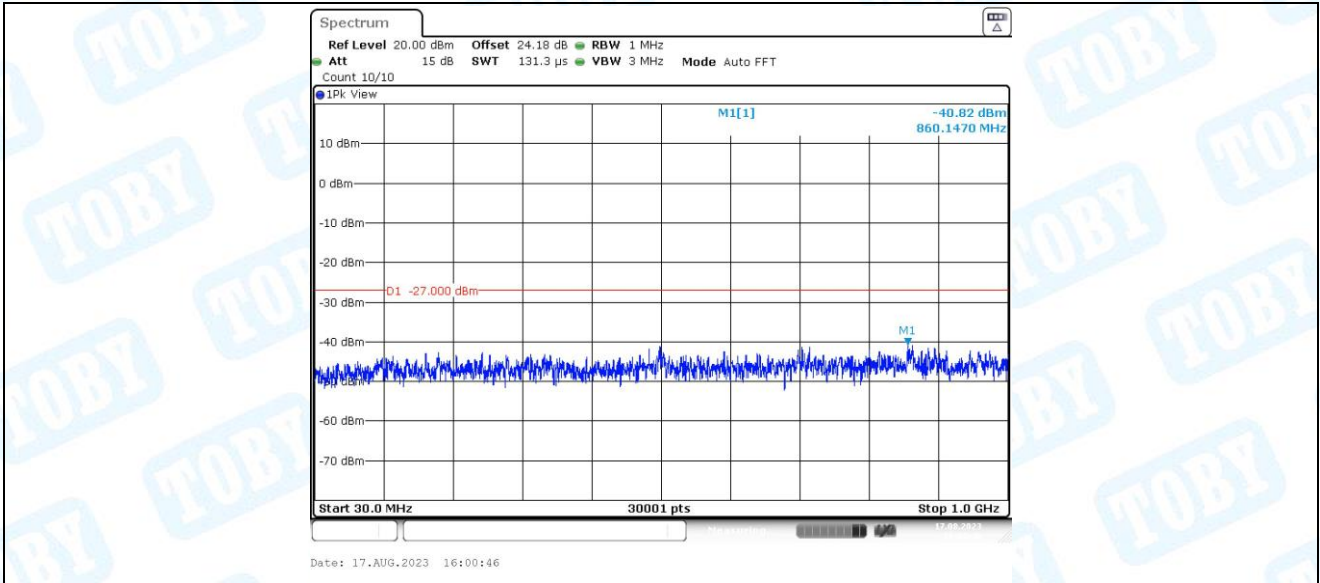
Date: 17.AUG.2023 15:58:33

11AC40SISO\_Ant1\_5190\_1000~40000

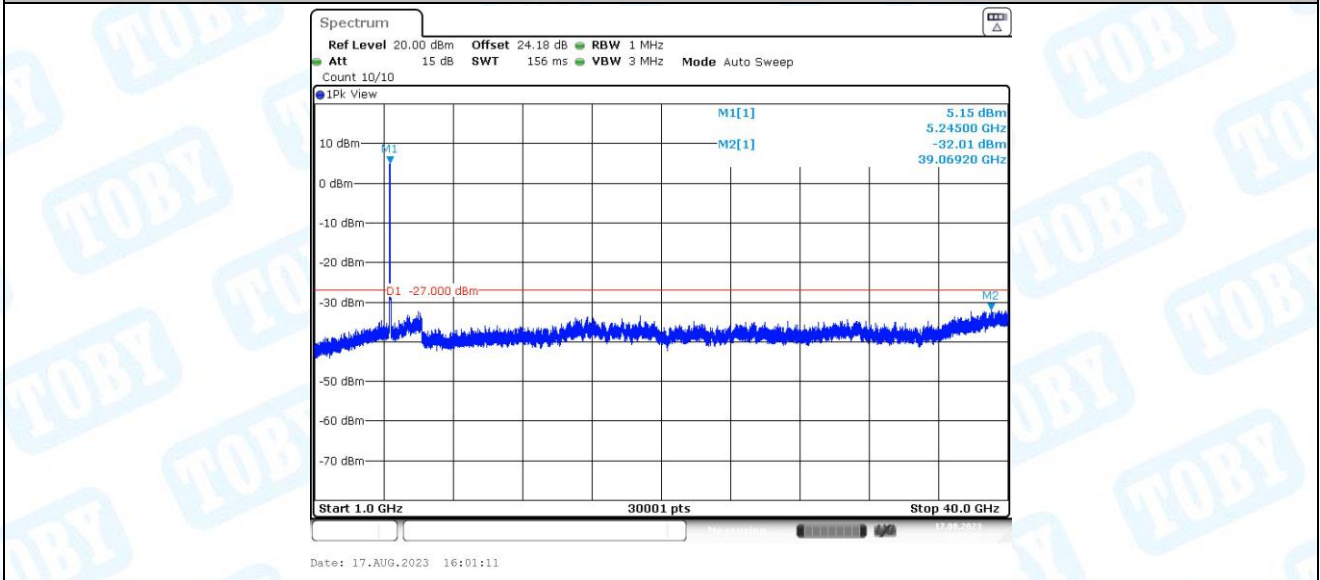


Date: 17.AUG.2023 15:58:58

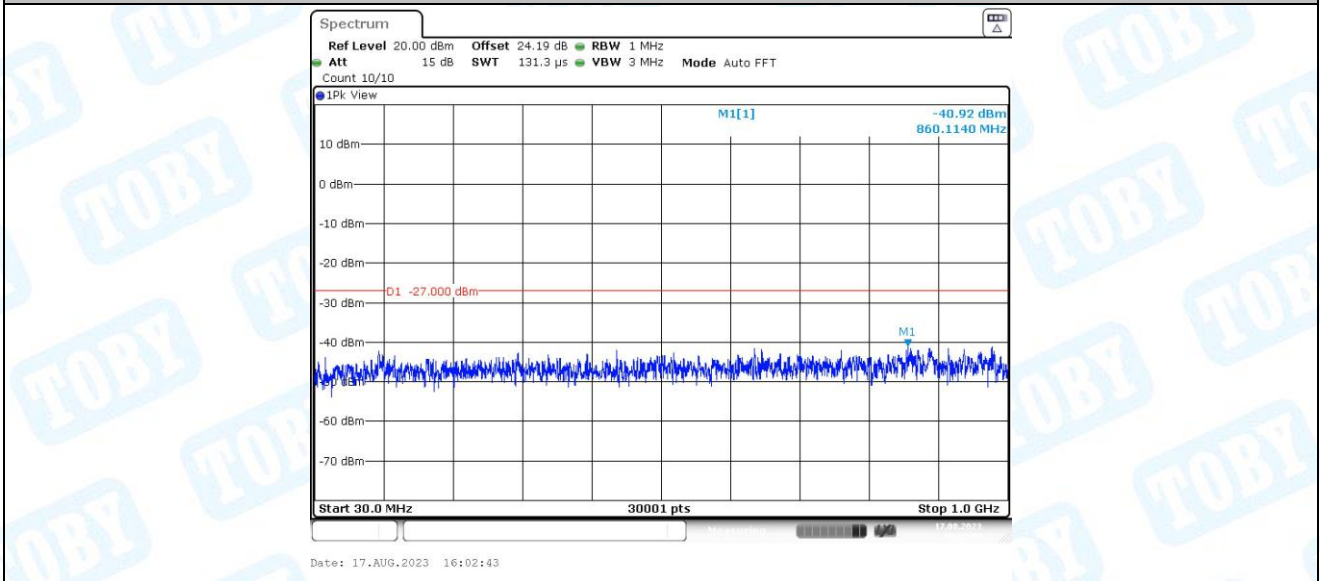
11AC40SISO\_Ant1\_5230\_30~1000



11AC40SISO\_Ant1\_5230\_1000~4000

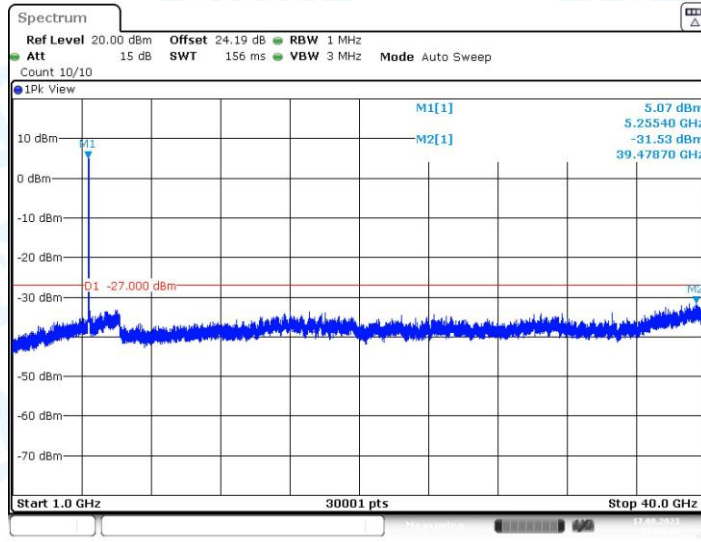


11AC40SISO\_Ant1\_5270\_30~1000



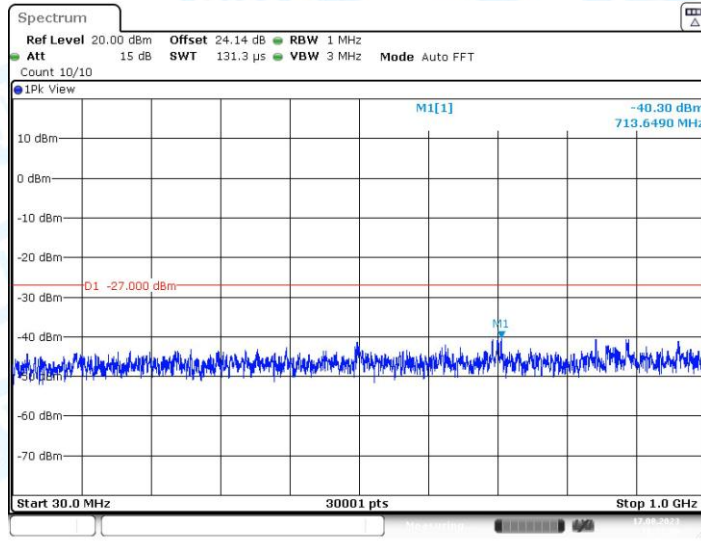
11AC40SISO\_Ant1\_5270\_1000~4000





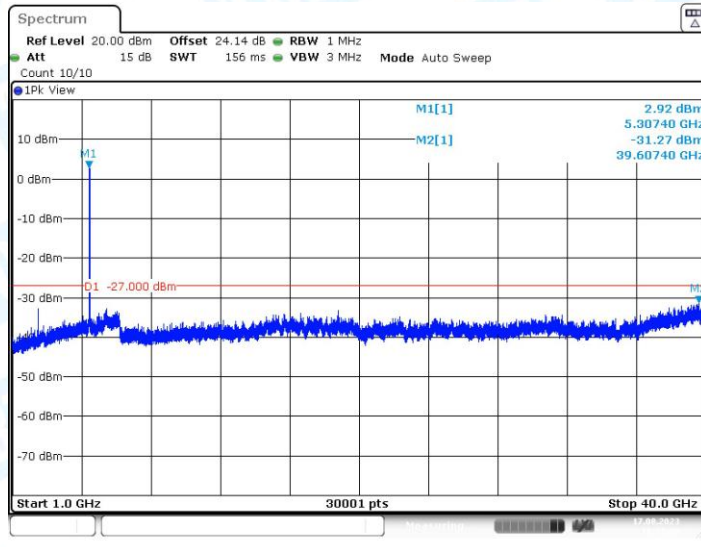
Date: 17.AUG.2023 16:03:08

11AC40SISO\_Ant1\_5310\_30~1000



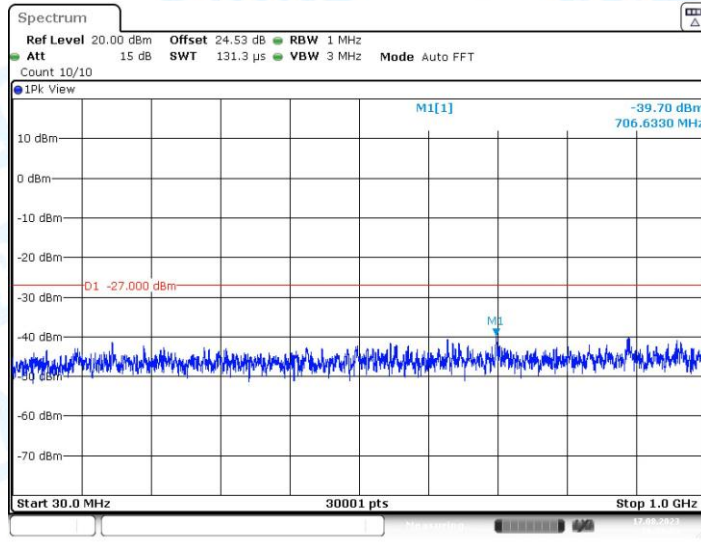
Date: 17.AUG.2023 16:21:07

11AC40SISO\_Ant1\_5310\_1000~40000



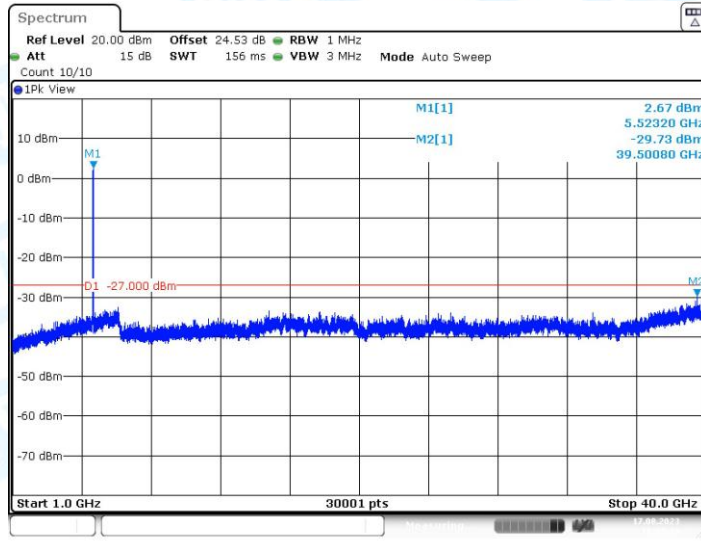
Date: 17.AUG.2023 16:21:33

11AC40SISO\_Ant1\_5510\_30~1000



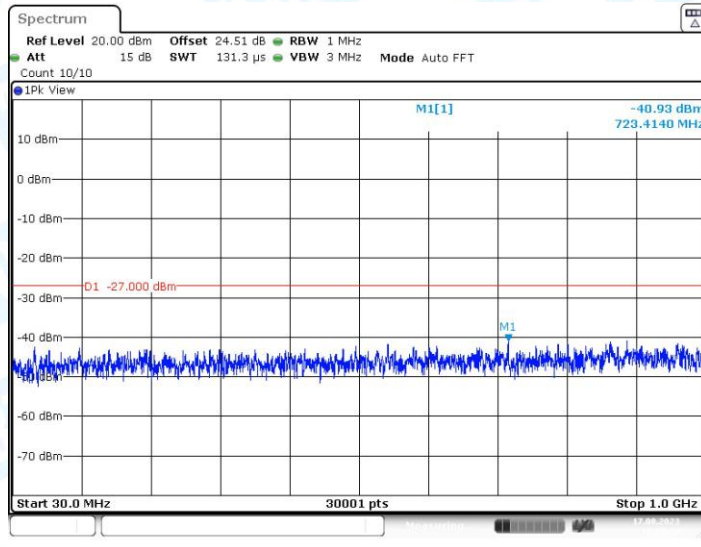
Date: 17.AUG.2023 16:28:54

11AC40SISO\_Ant1\_5510\_1000~40000



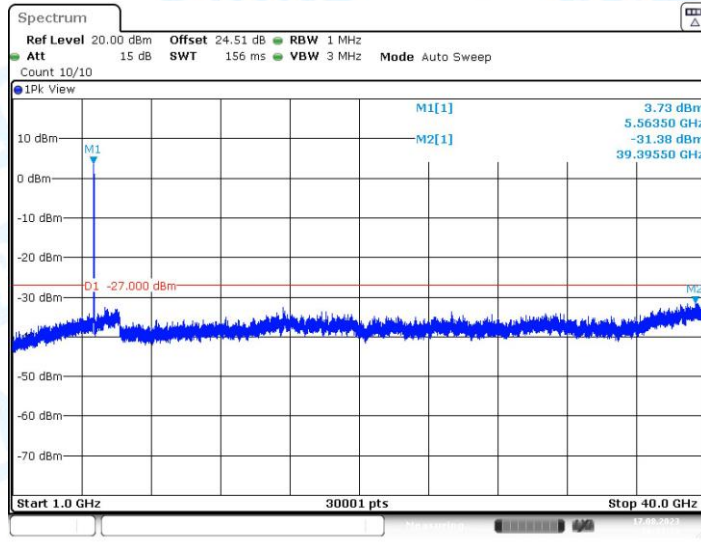
Date: 17.AUG.2023 16:29:19

11AC40SISO\_Ant1\_5550\_30~1000



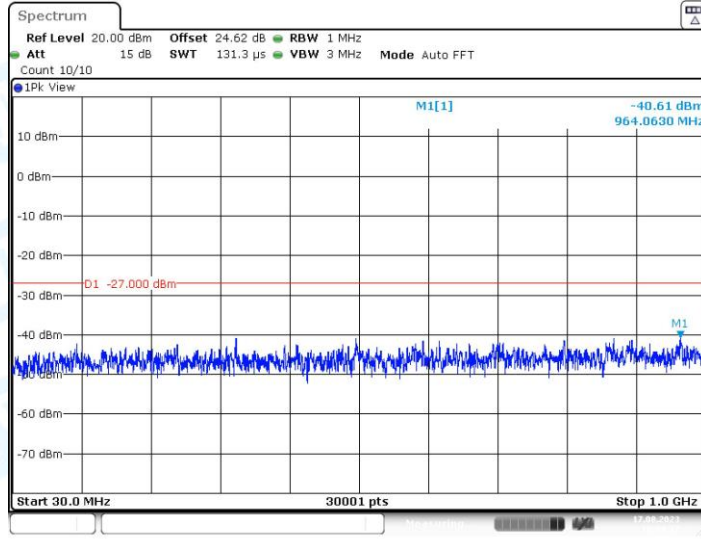
Date: 17.AUG.2023 16:30:53

11AC40SISO\_Ant1\_5550\_1000~40000



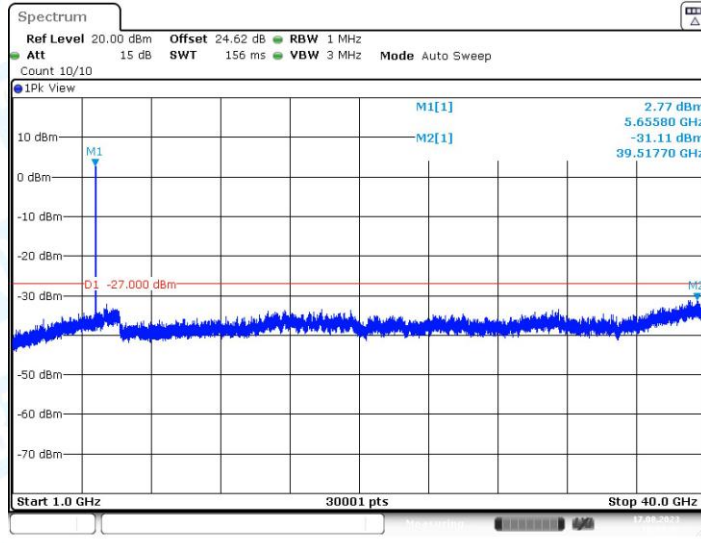
Date: 17.AUG.2023 16:31:19

11AC40SISO\_Ant1\_5670\_30~1000



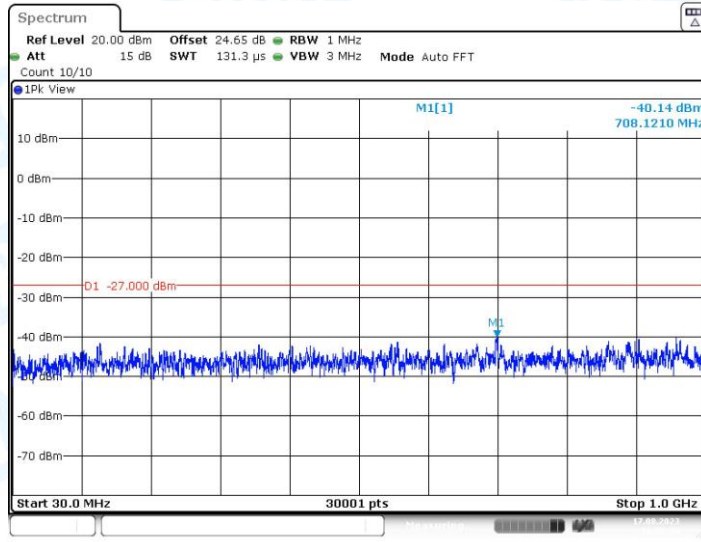
Date: 17.AUG.2023 16:34:17

11AC40SISO\_Ant1\_5670\_1000~40000



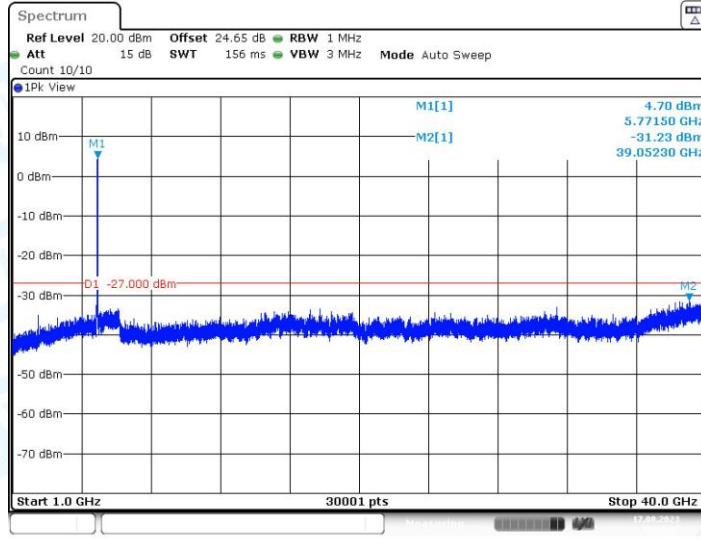
Date: 17.AUG.2023 16:34:42

11AC40SISO\_Ant1\_5755\_30~1000



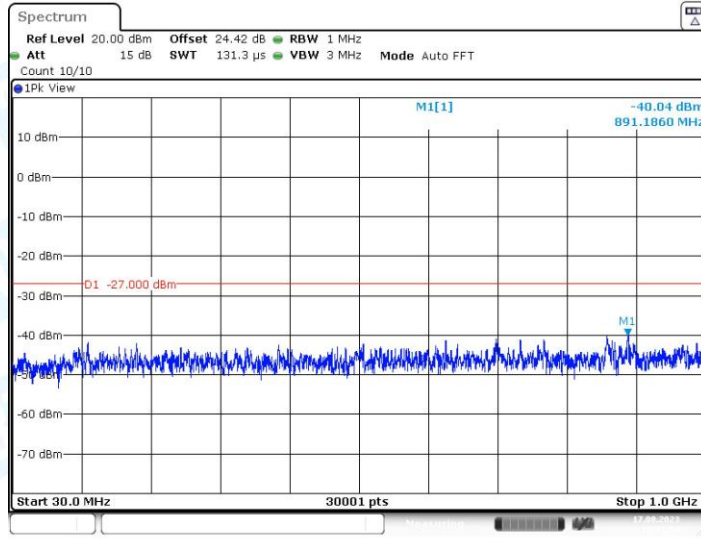
Date: 17.AUG.2023 16:37:33

11AC40SISO\_Ant1\_5755\_1000~40000



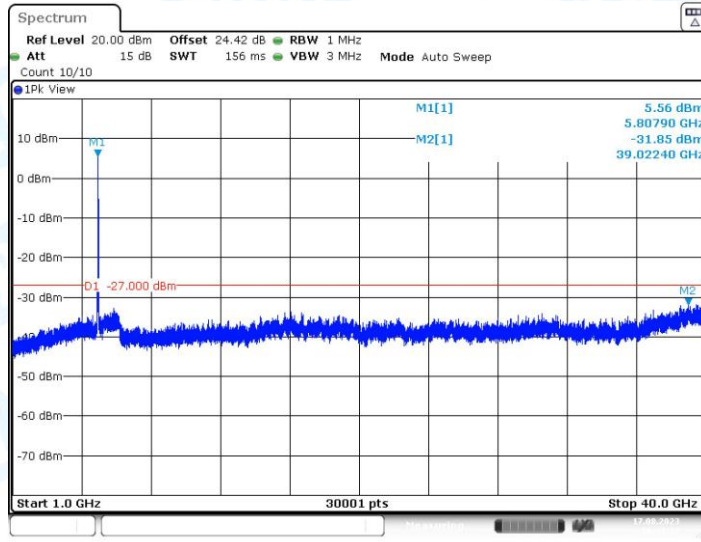
Date: 17.AUG.2023 16:37:46

11AC40SISO\_Ant1\_5795\_30~1000



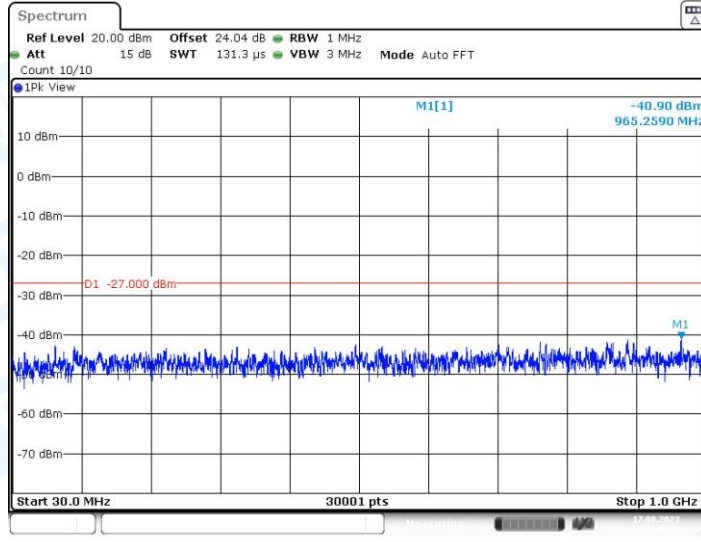
Date: 17.AUG.2023 16:41:04

11AC40SISO\_Ant1\_5795\_1000~40000



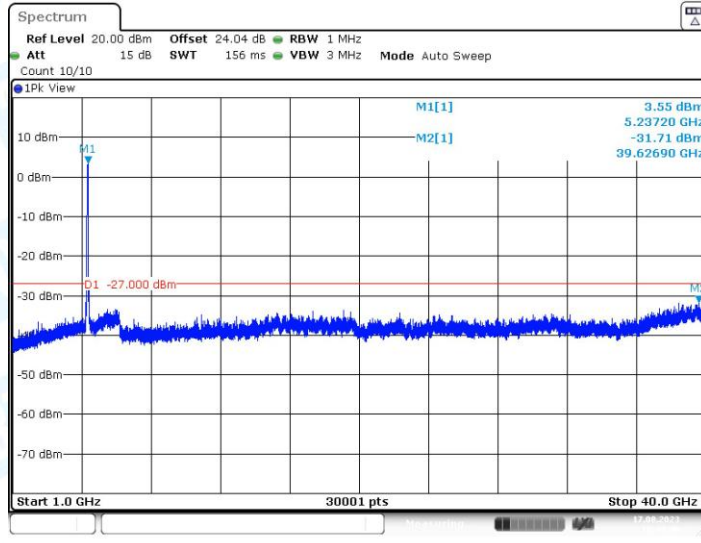
Date: 17.AUG.2023 16:41:17

11AC80SISO\_Ant1\_5210\_30~1000



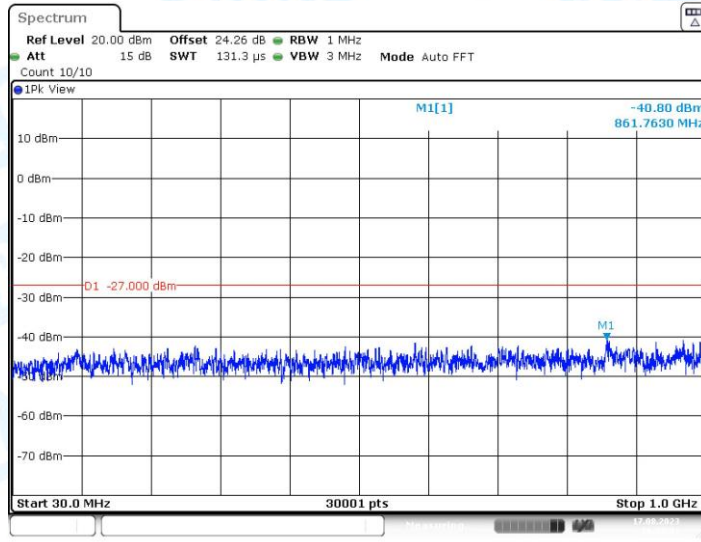
Date: 17.AUG.2023 16:44:20

11AC80SISO\_Ant1\_5210\_1000~40000



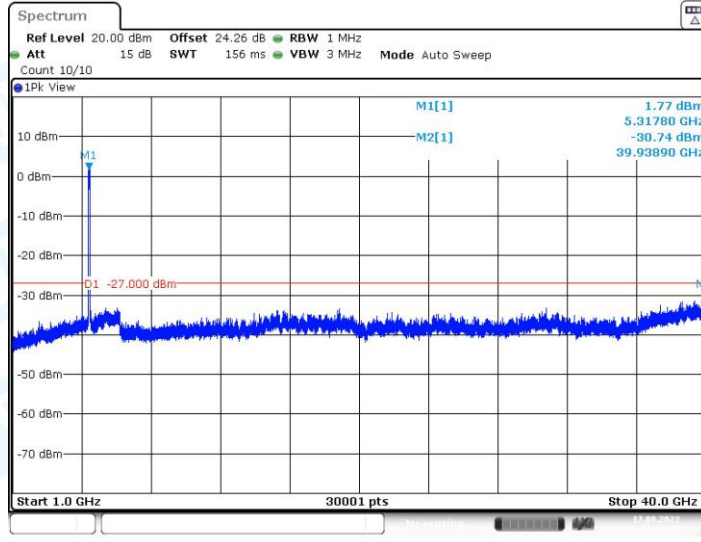
Date: 17.AUG.2023 16:44:45

11AC80SISO\_Ant1\_5290\_30~1000



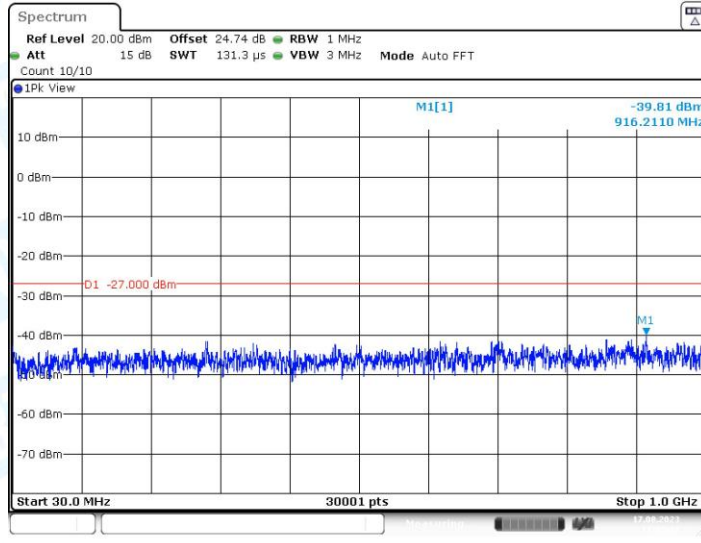
Date: 17.AUG.2023 16:50:01

11AC80SISO\_Ant1\_5290\_1000~40000



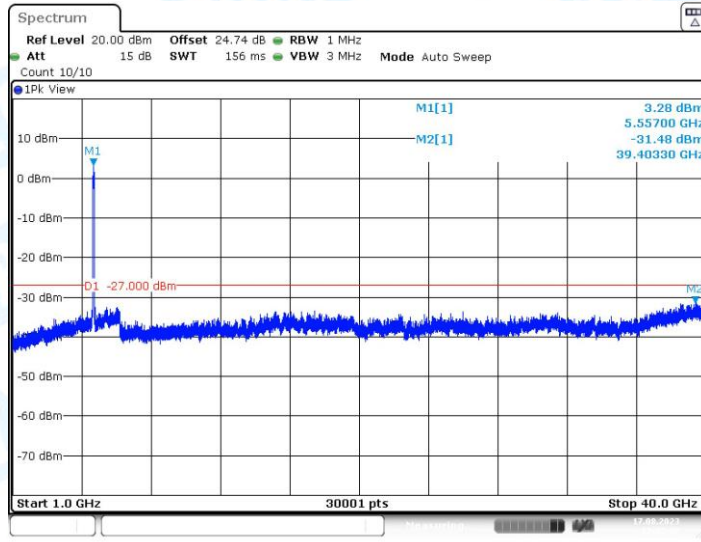
Date: 17.AUG.2023 16:50:26

11AC80SISO\_Ant1\_5530\_30~1000



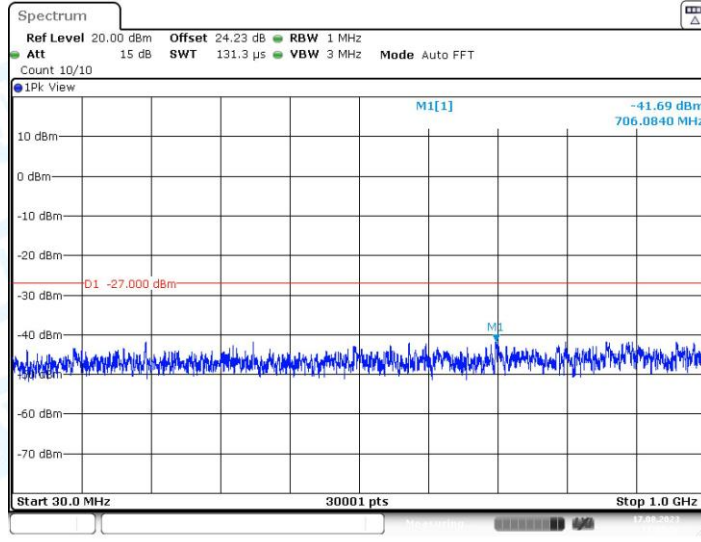
Date: 17.AUG.2023 17:05:31

11AC80SISO\_Ant1\_5530\_1000~40000



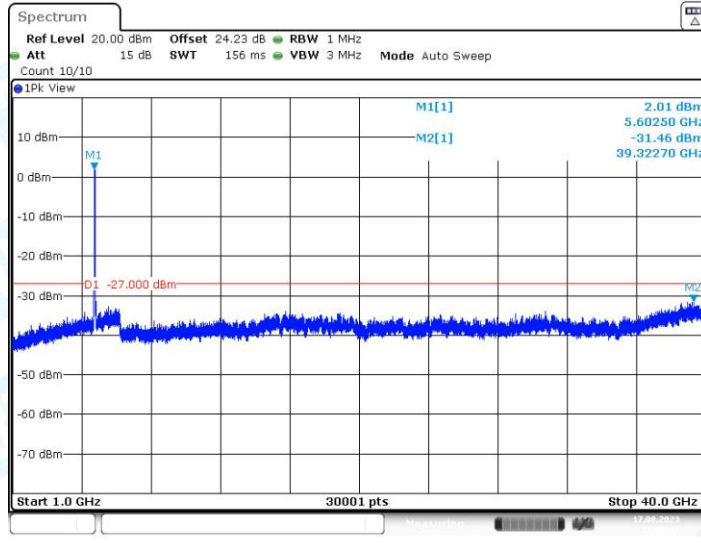
Date: 17.AUG.2023 17:05:56

11AC80SISO\_Ant1\_5610\_30~1000



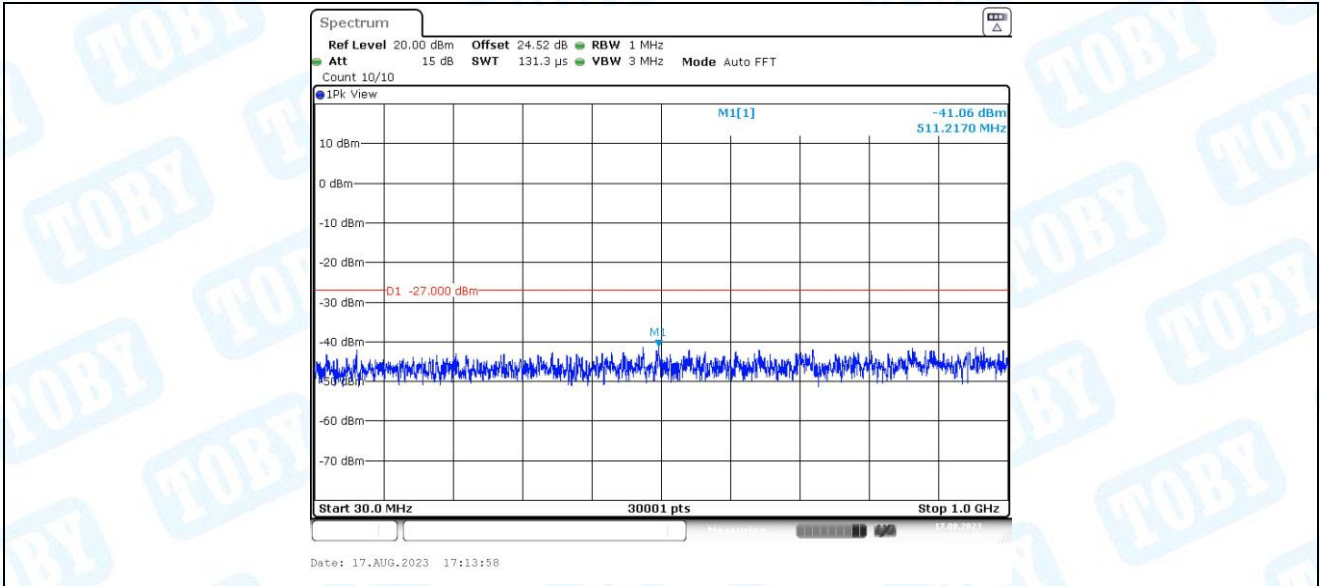
Date: 17.AUG.2023 17:08:52

11AC80SISO\_Ant1\_5610\_1000~40000

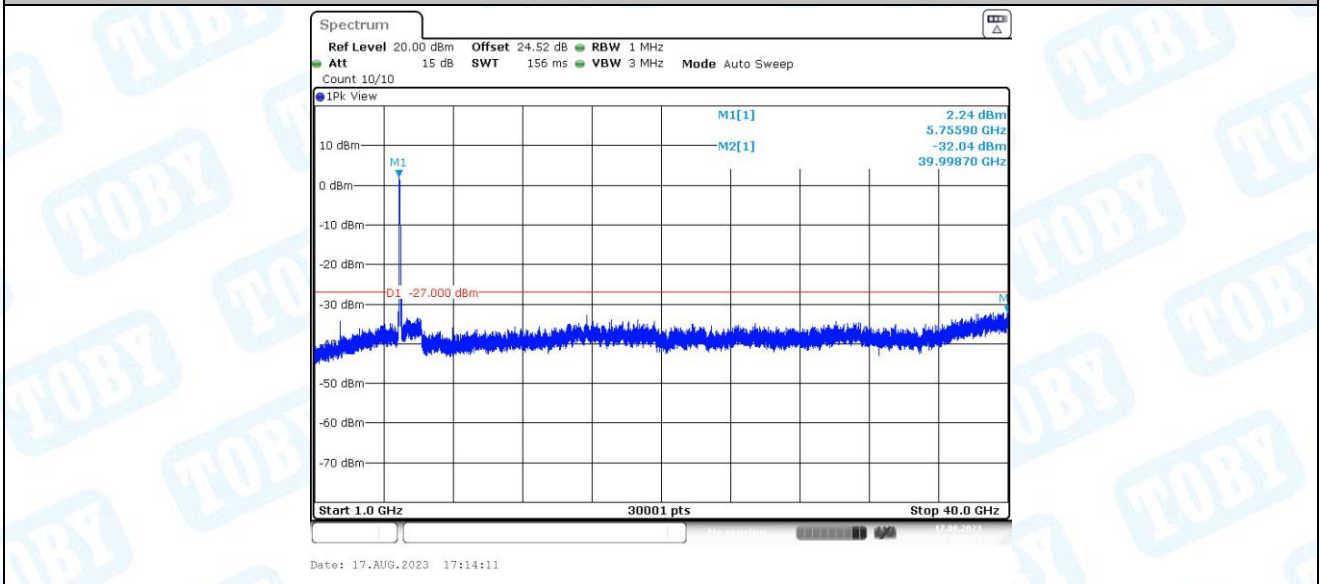


Date: 17.AUG.2023 17:09:17

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
		5260	NV	50	-20000.00	-3.861004	20	PASS
			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
		5500	NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.802281	20	PASS
			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

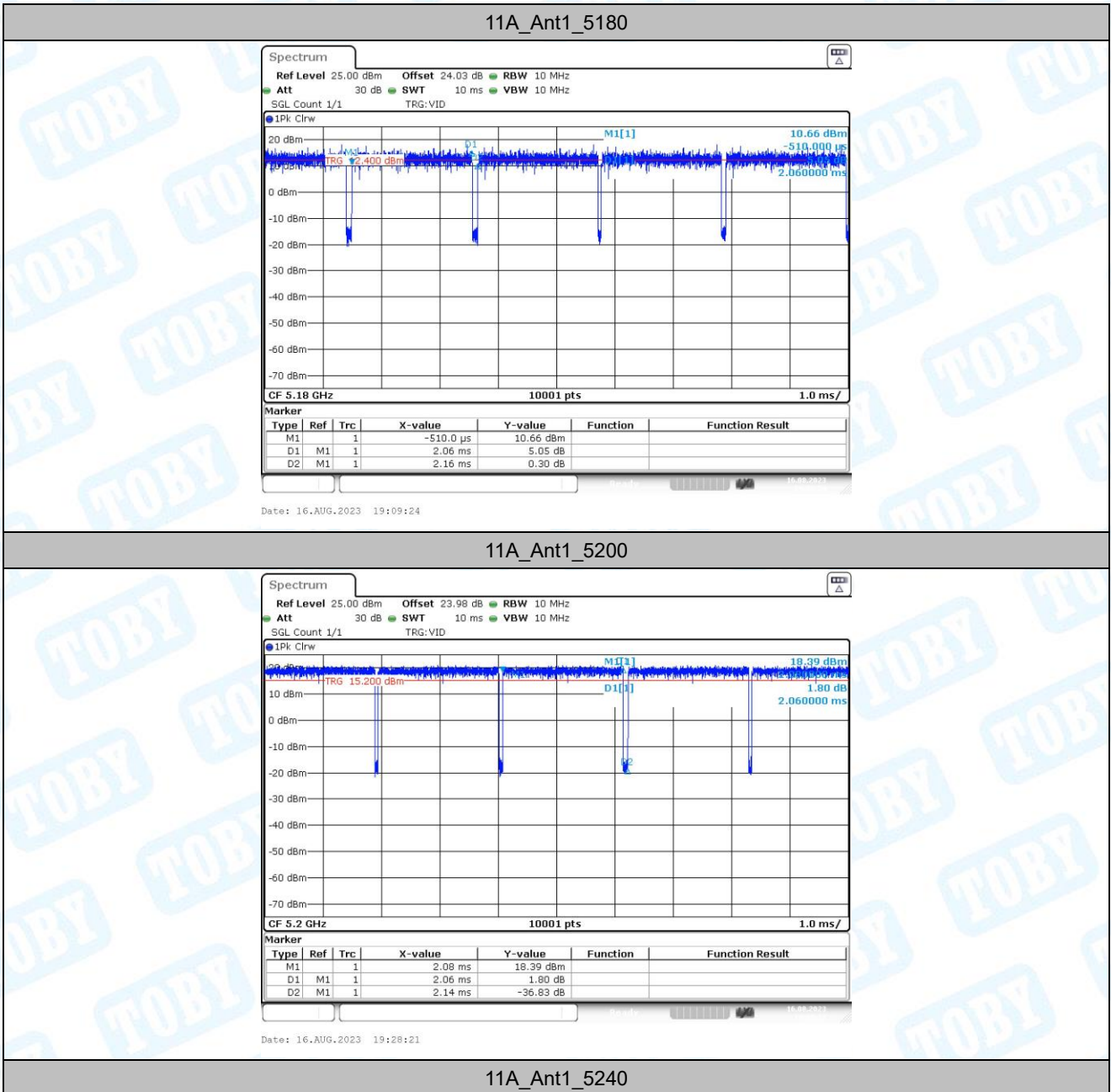
## 10. Duty Cycle

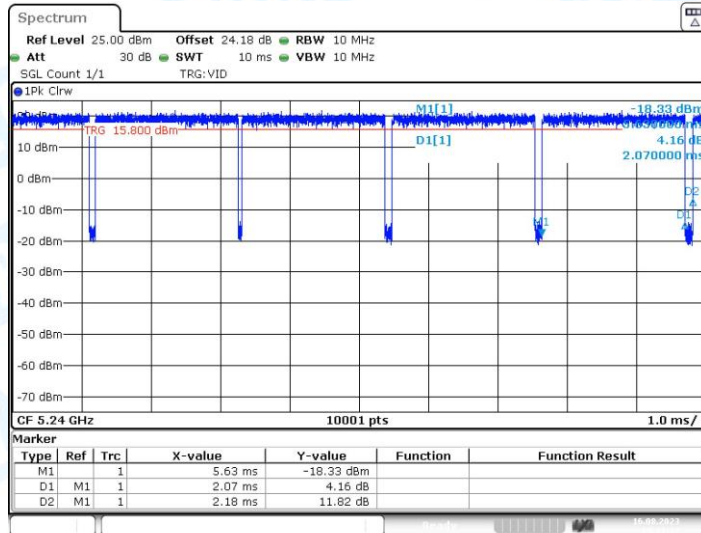
### 10.1. Test Result

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	---	---

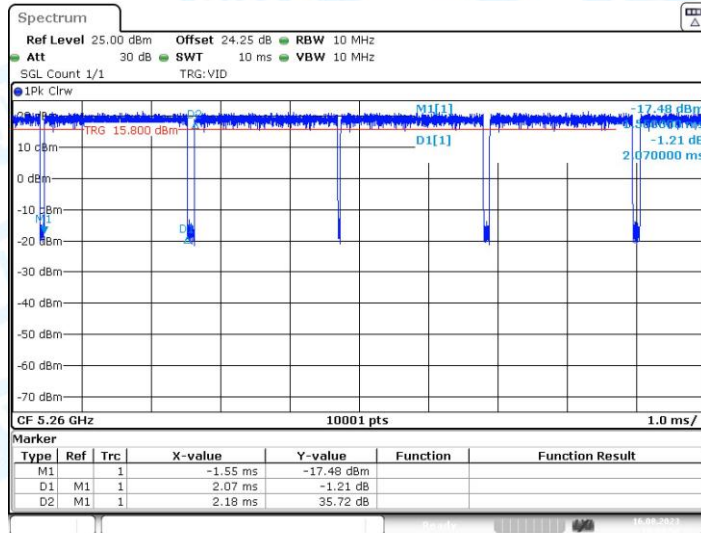
### 10.2. Test Graphs





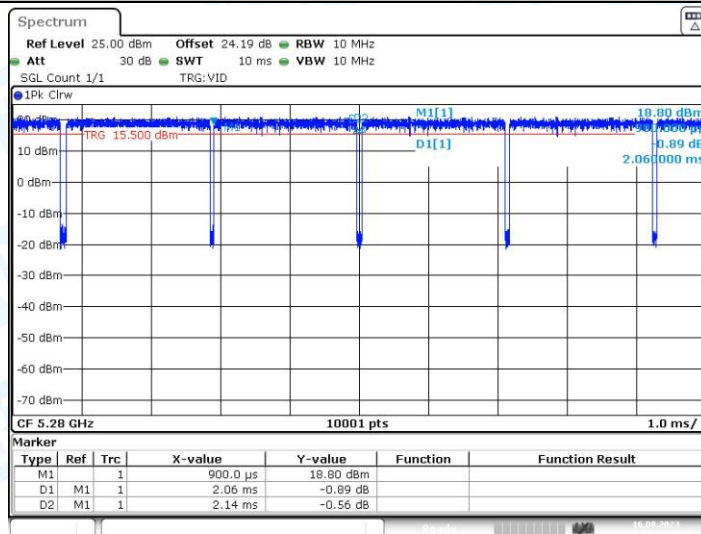
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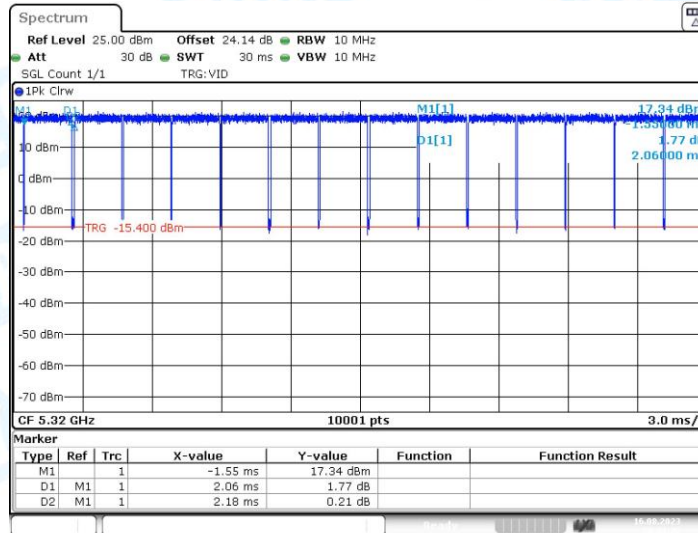
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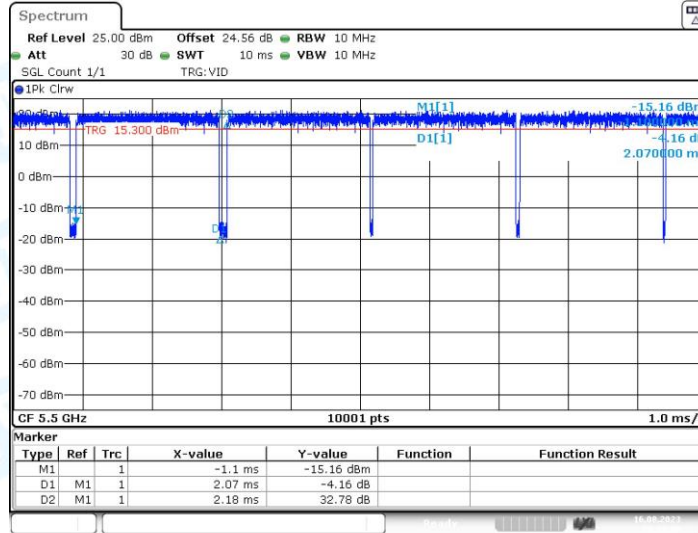
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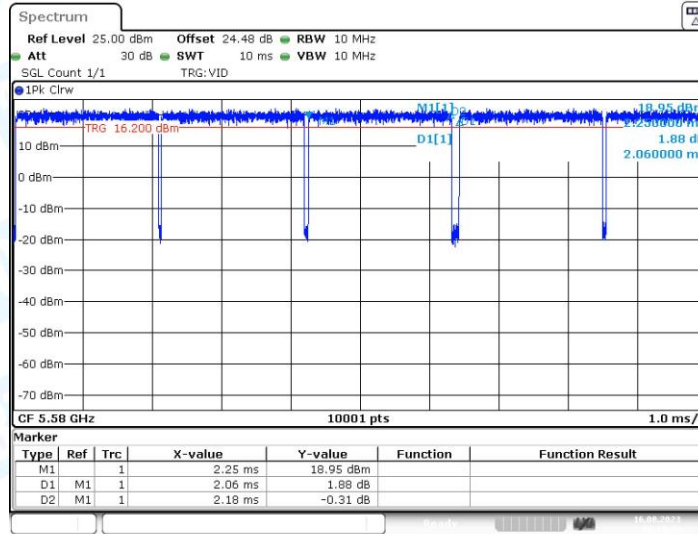
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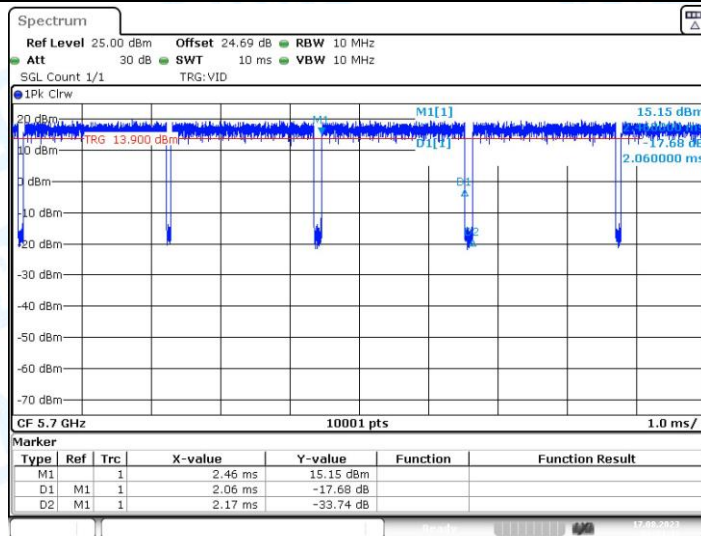
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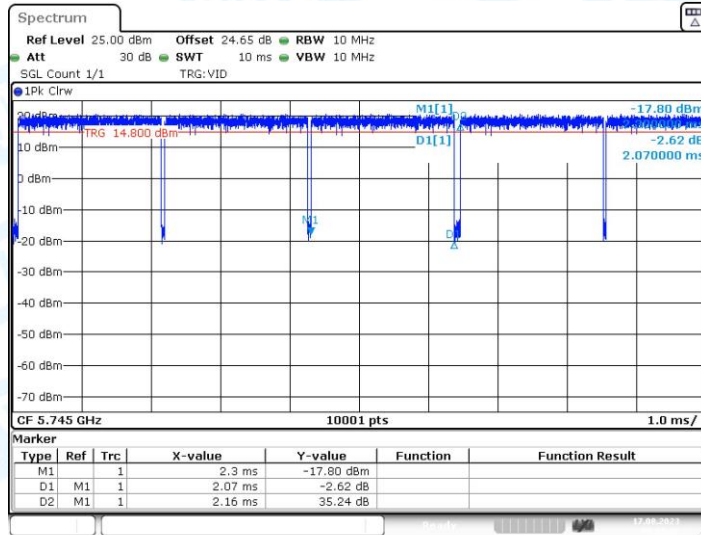
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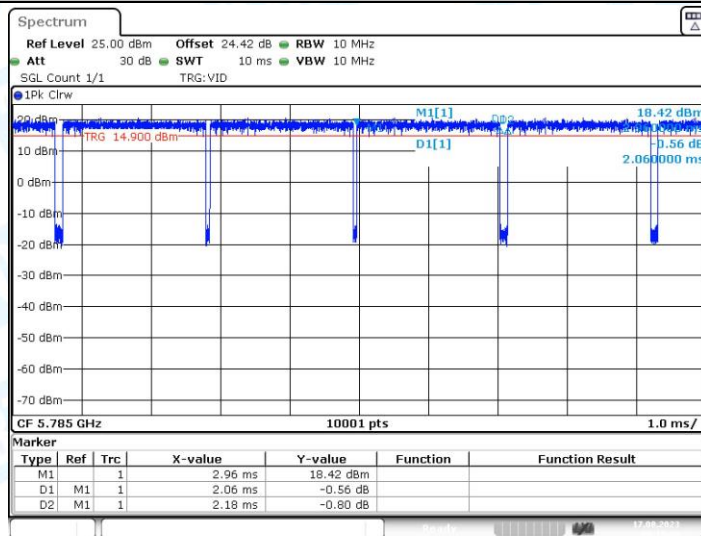
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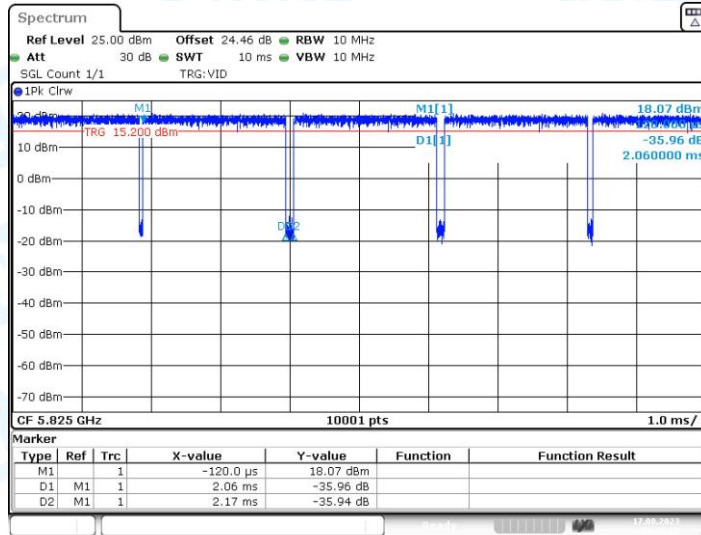
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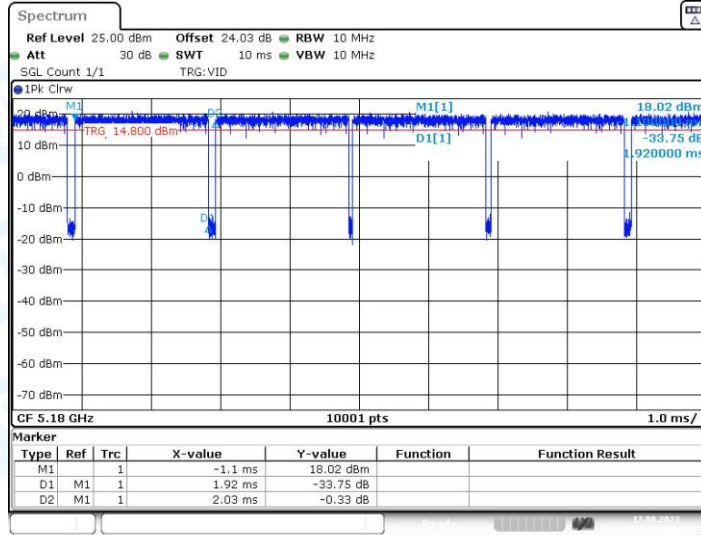
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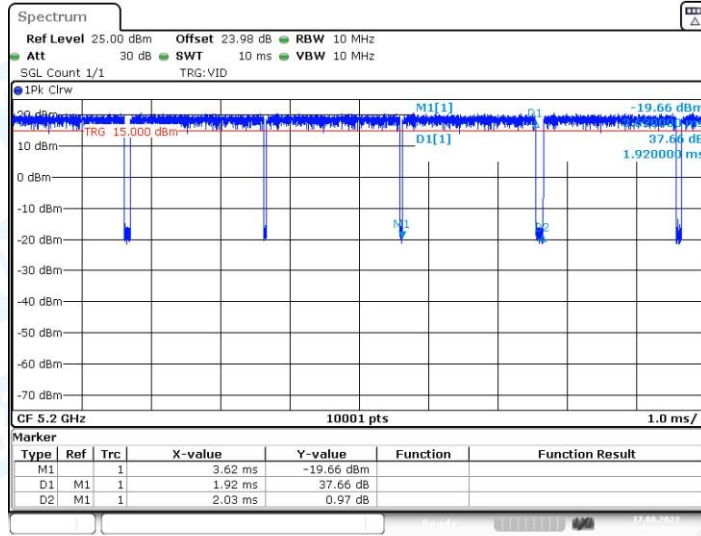
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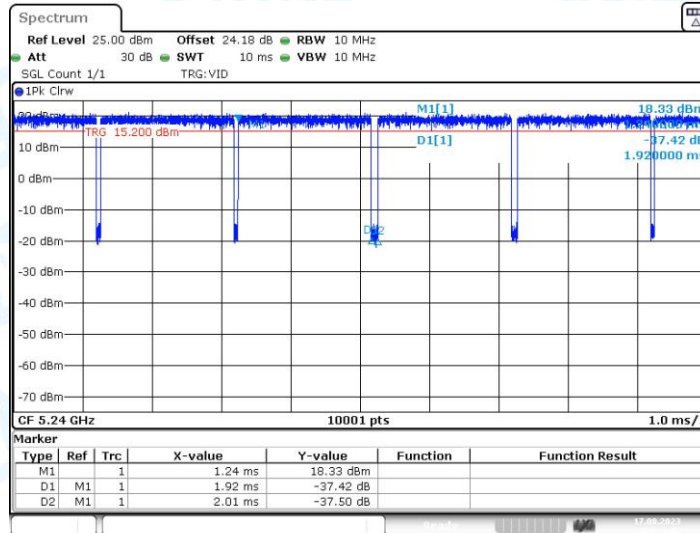
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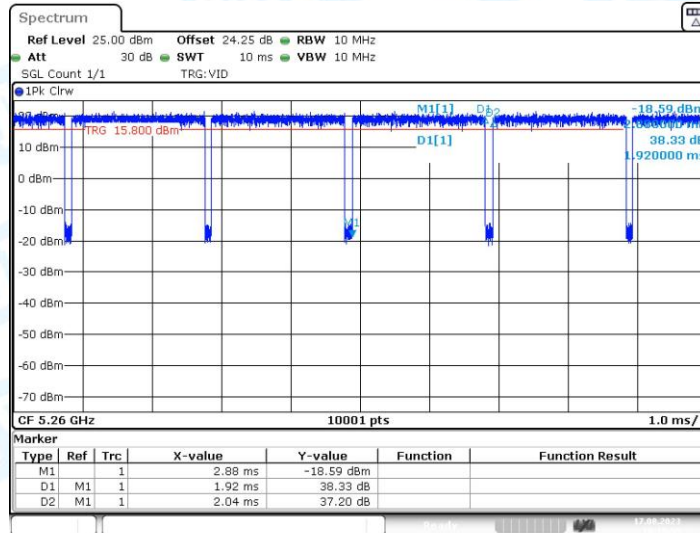
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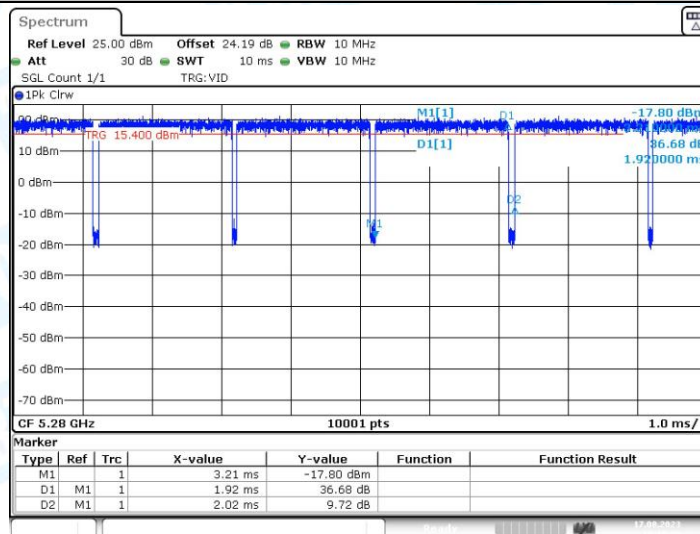
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11N20SISO\_Ant1\_5320