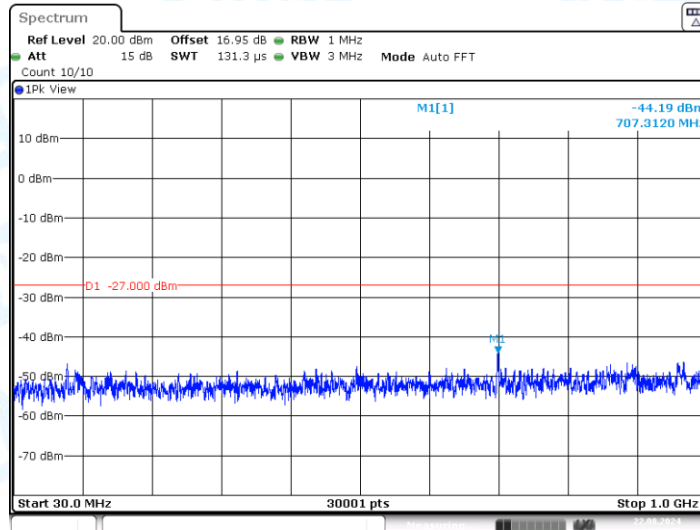
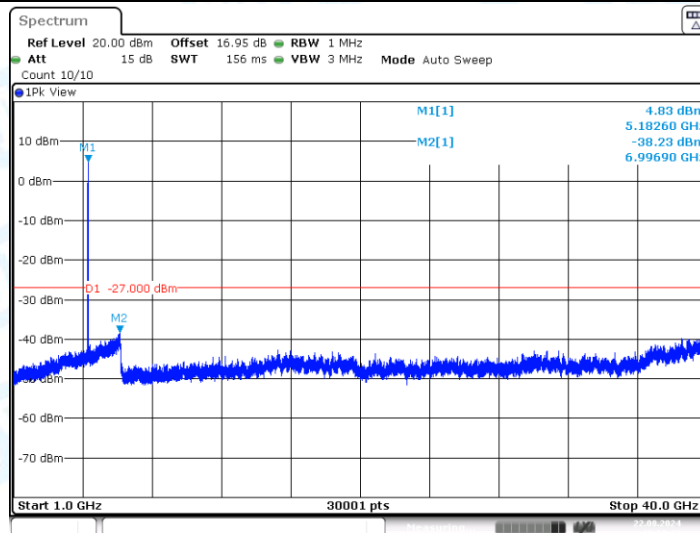




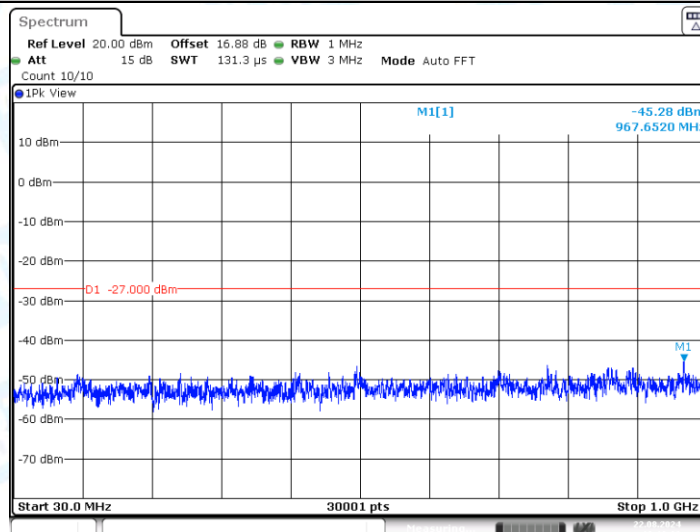
Date: 22.AUG.2024 16:09:56

11N20SISO_Ant1_5180_30~1000



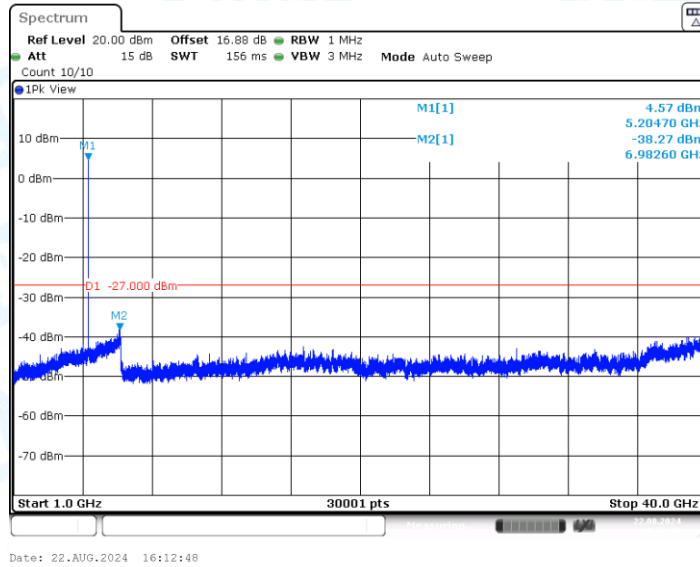
Date: 22.AUG.2024 16:10:21

11N20SISO_Ant1_5180_1000~40000

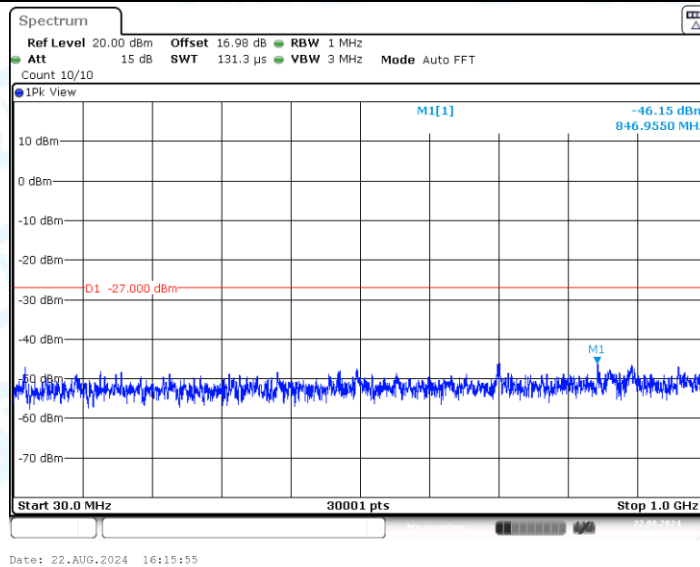


Date: 22.AUG.2024 16:12:22

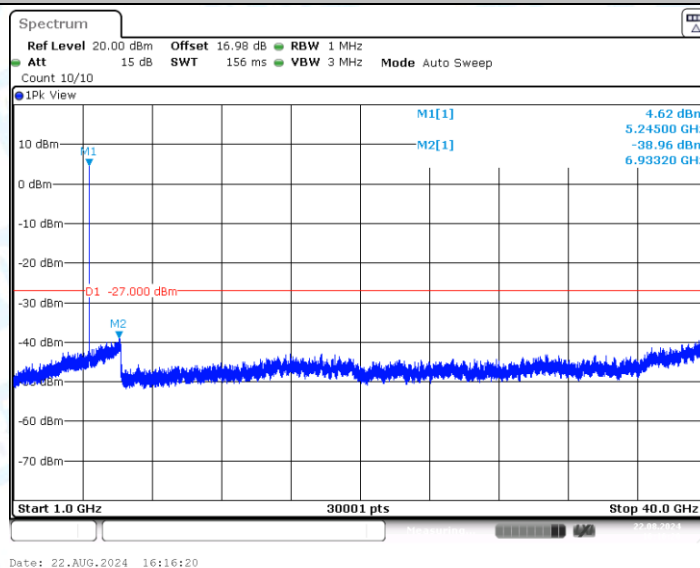
11N20SISO_Ant1_5200_30~1000



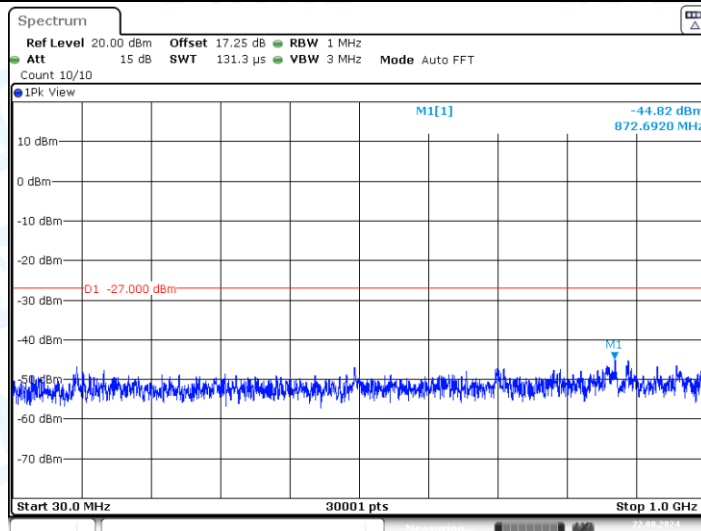
11N20SISO_Ant1_5200_1000~40000



11N20SISO_Ant1_5240_30~1000

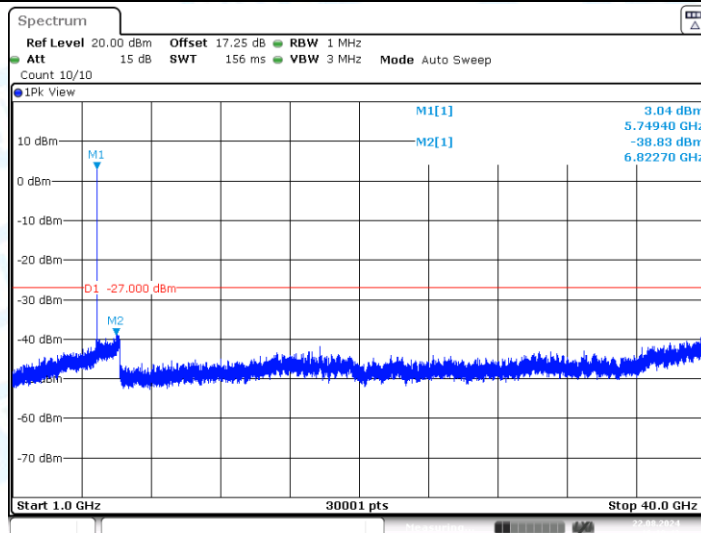


11N20SISO_Ant1_5240_1000~40000



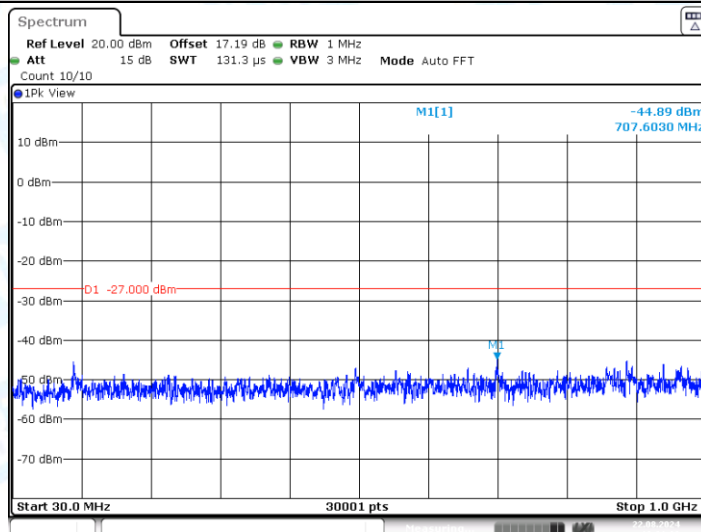
Date: 22.AUG.2024 16:19:31

11N20SISO_Ant1_5745_30~1000



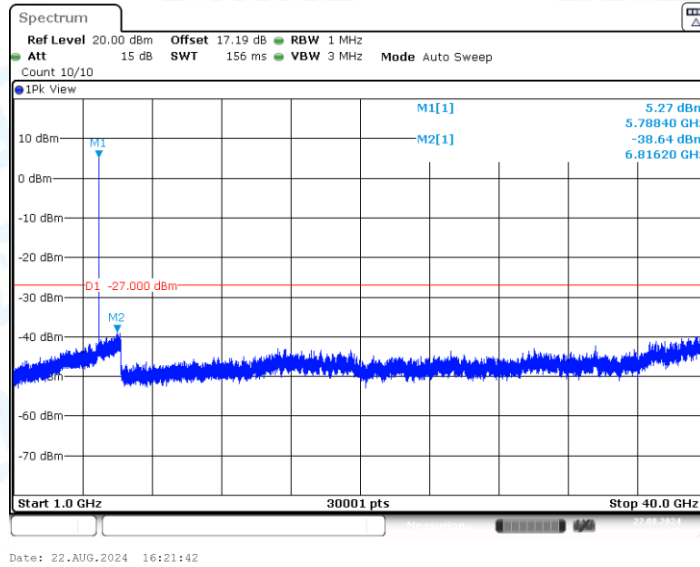
Date: 22.AUG.2024 16:19:44

11N20SISO_Ant1_5745_1000~40000

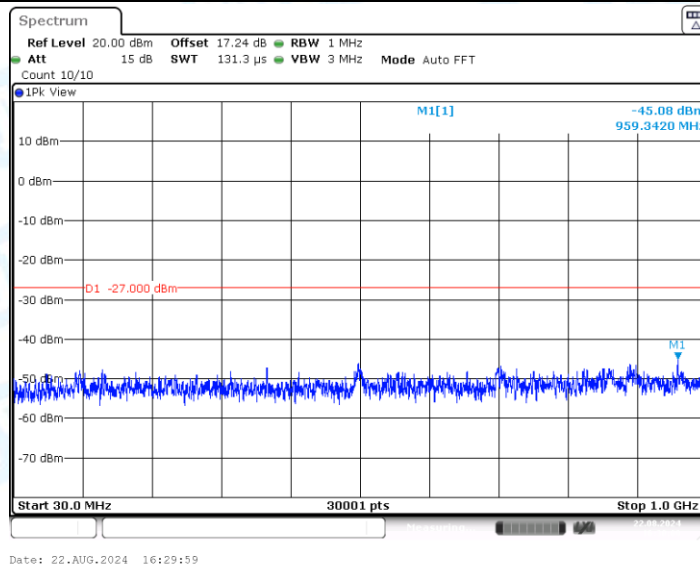


Date: 22.AUG.2024 16:21:29

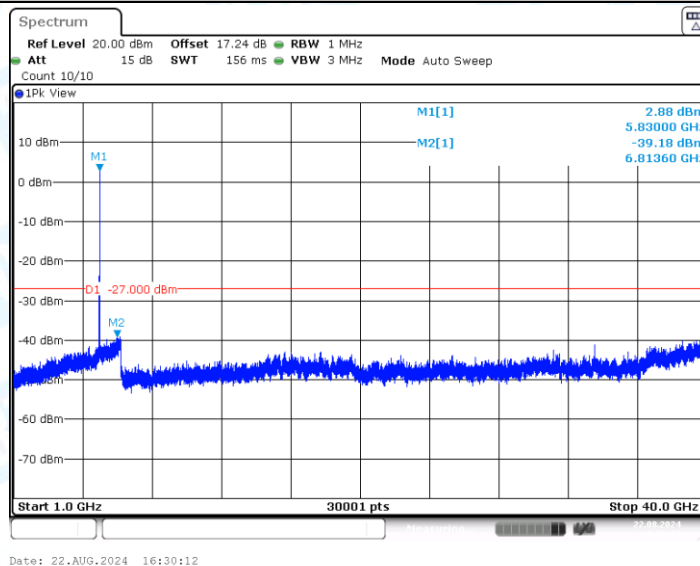
11N20SISO_Ant1_5785_30~1000



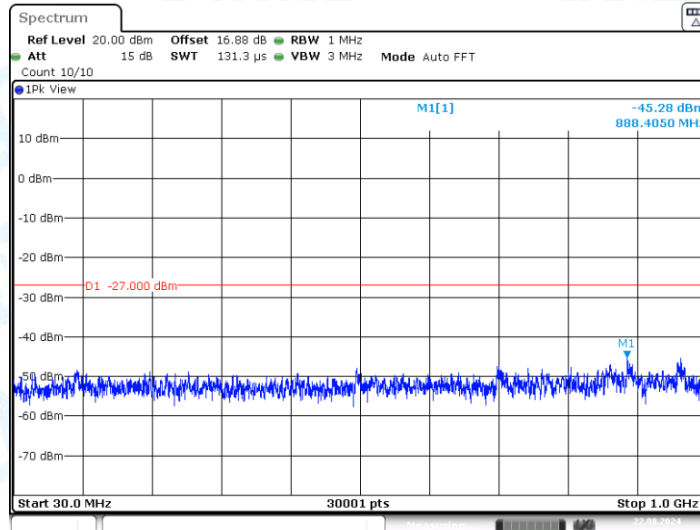
11N20SISO_Ant1_5785_1000~40000



11N20SISO_Ant1_5825_30~1000

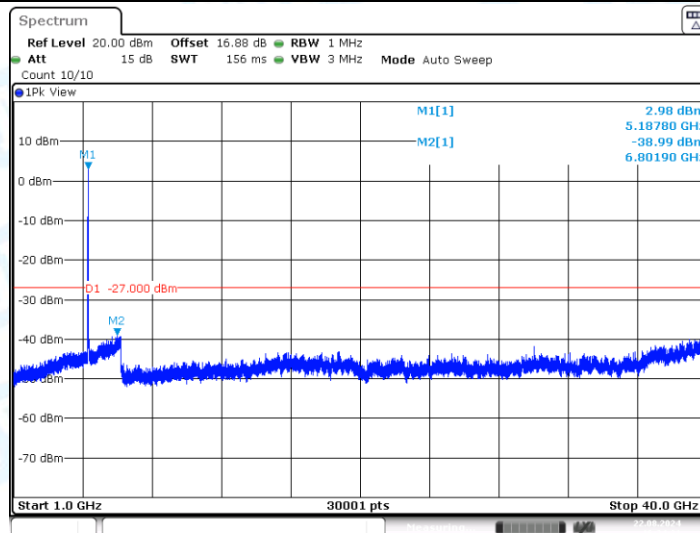


11N20SISO_Ant1_5825_1000~40000



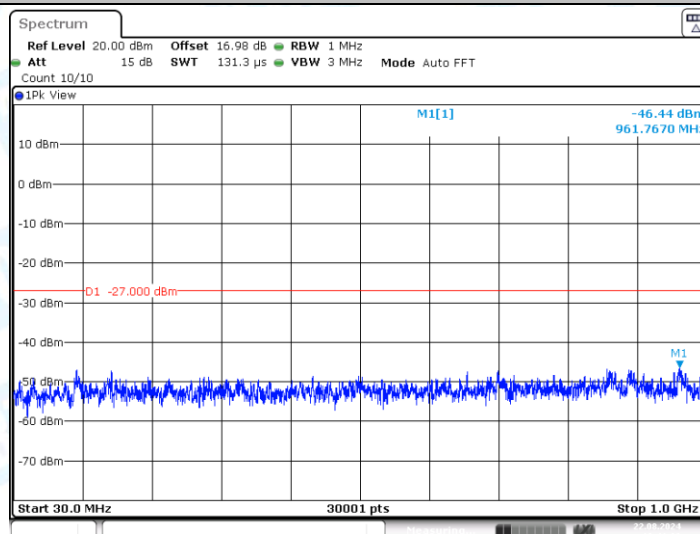
Date: 22.AUG.2024 16:34:05

11N40SISO_Ant1_5190_30~1000



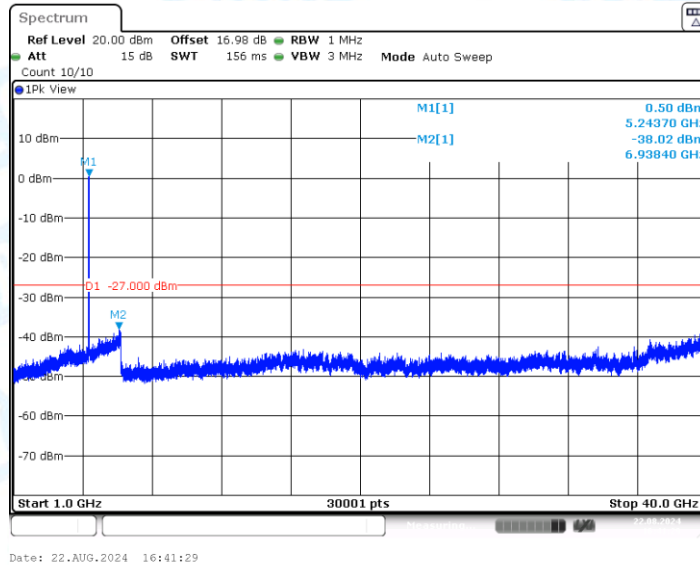
Date: 22.AUG.2024 16:34:30

11N40SISO_Ant1_5190_1000~40000

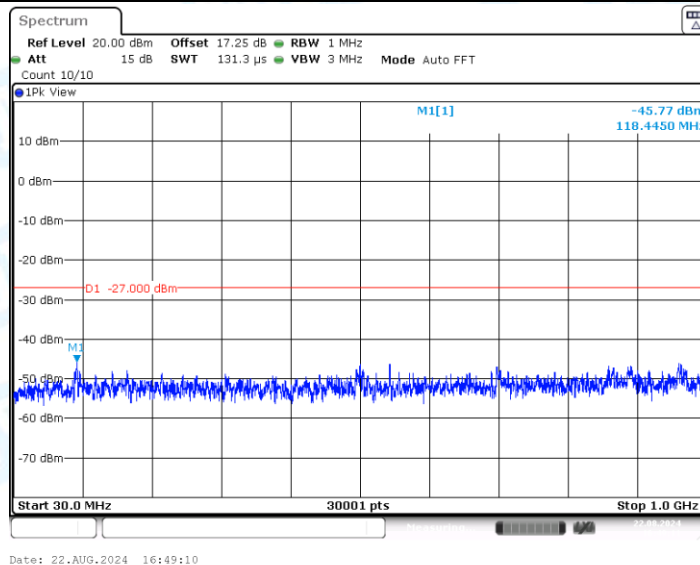


Date: 22.AUG.2024 16:41:04

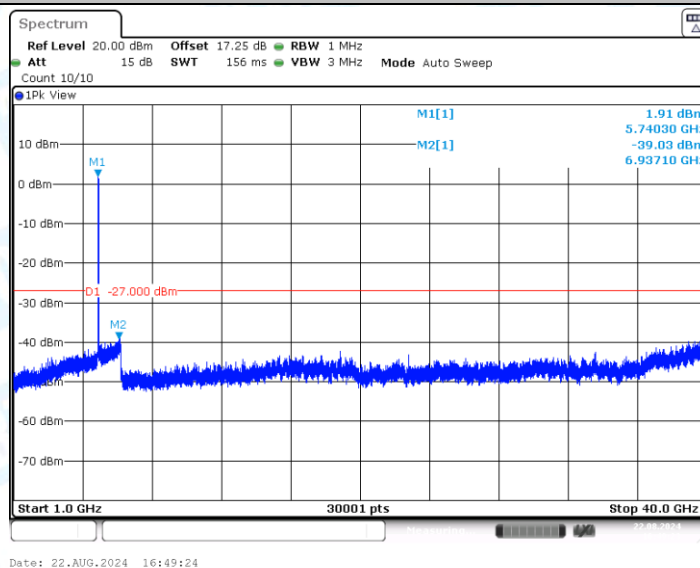
11N40SISO_Ant1_5230_30~1000



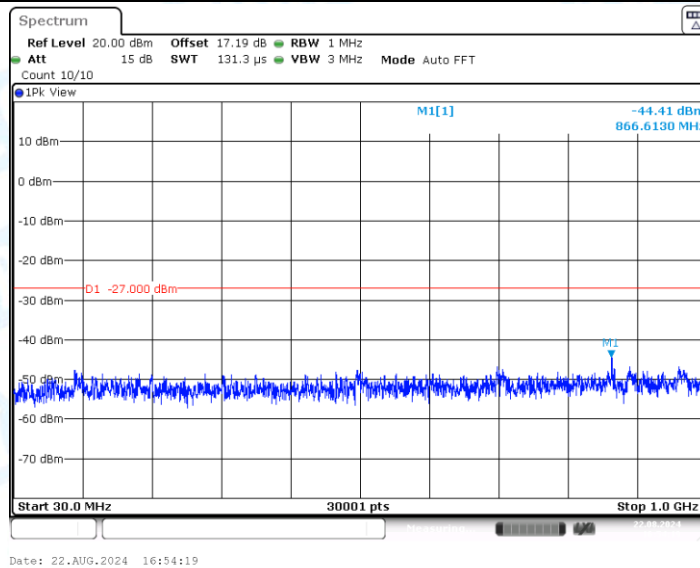
11N40SISO_Ant1_5230_1000~40000



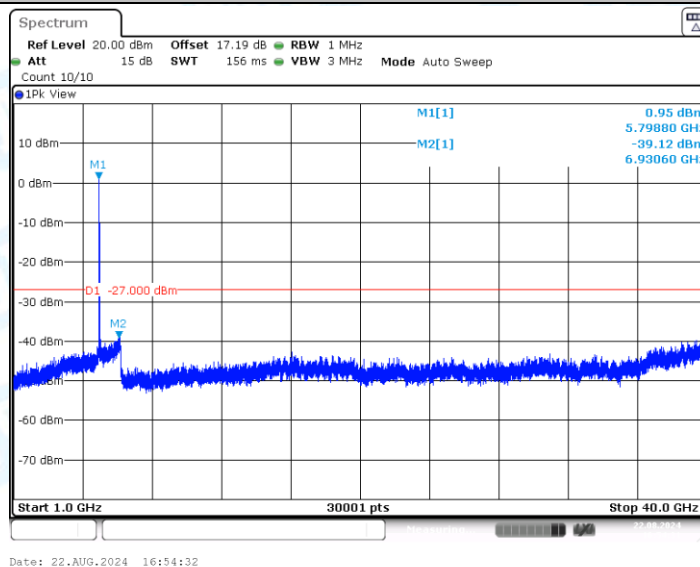
11N40SISO_Ant1_5755_30~1000



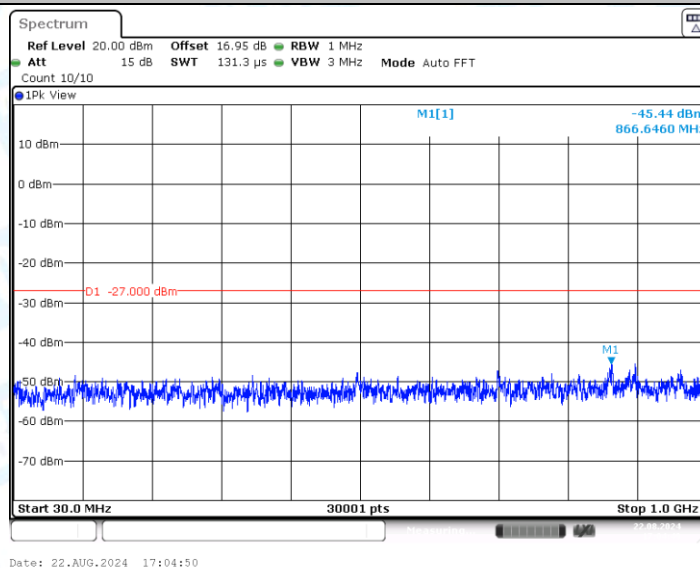
11N40SISO_Ant1_5755_1000~40000



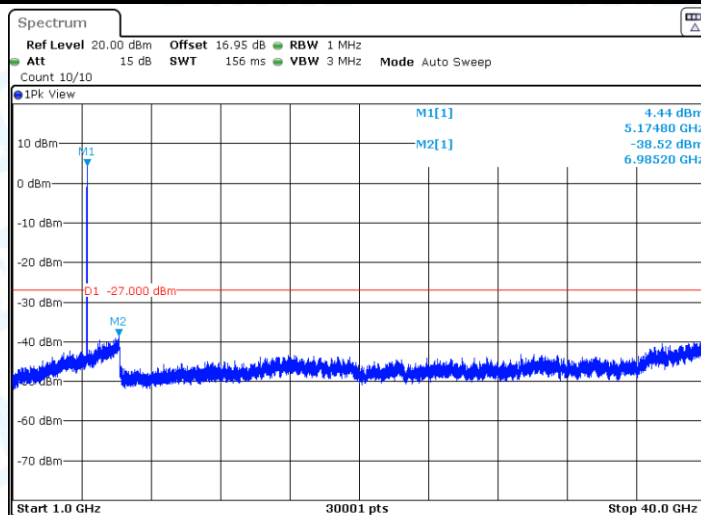
11N40SISO_Ant1_5795_30~1000



11N40SISO_Ant1_5795_1000~40000

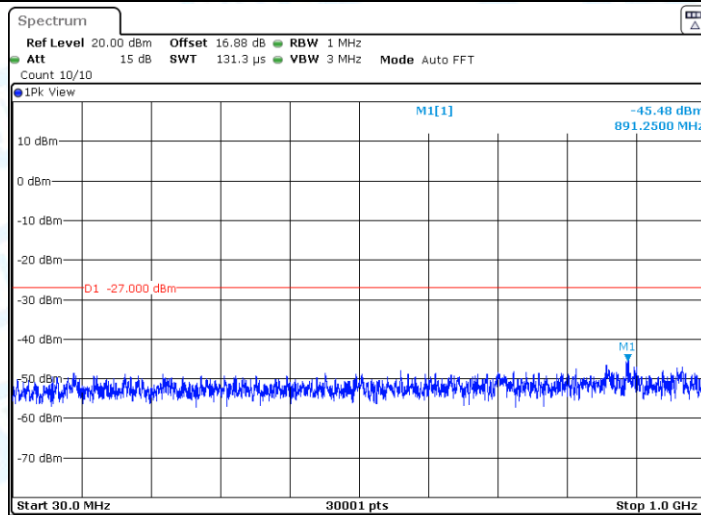


11AC20SISO_Ant1_5180_30~1000



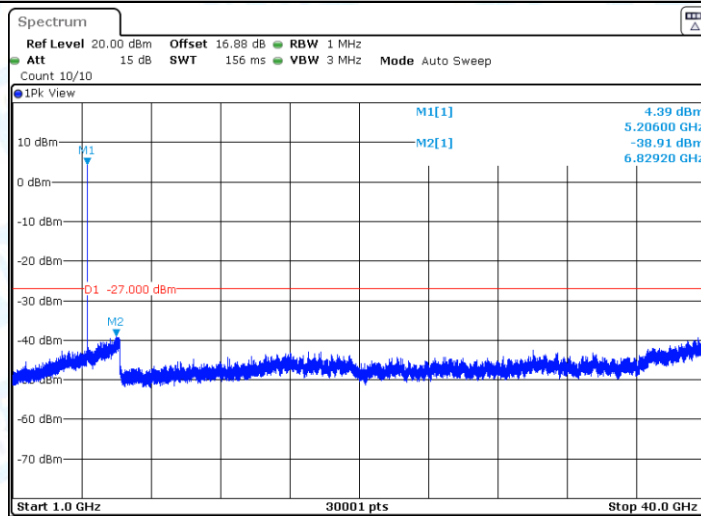
Date: 22.AUG.2024 17:05:15

11AC20SISO_Ant1_5180_1000~40000



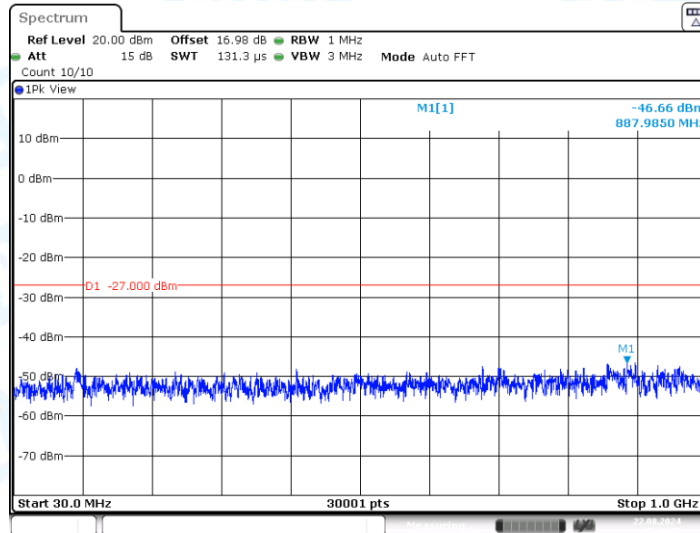
Date: 22.AUG.2024 17:07:03

11AC20SISO_Ant1_5200_30~1000



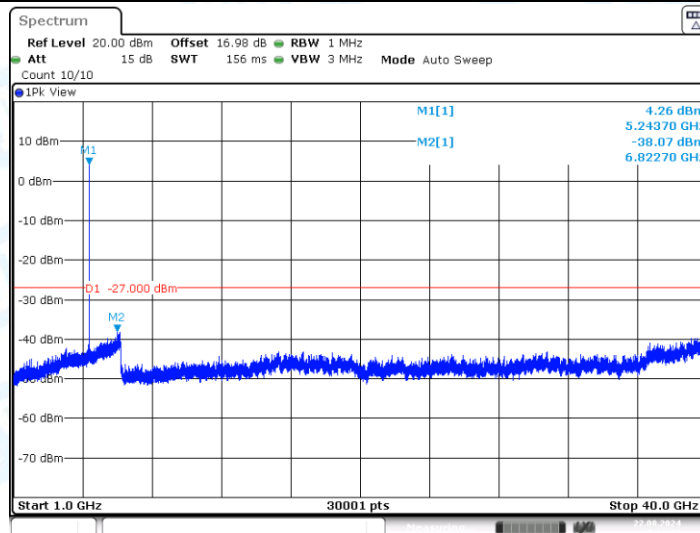
Date: 22.AUG.2024 17:07:28

11AC20SISO_Ant1_5200_1000~40000



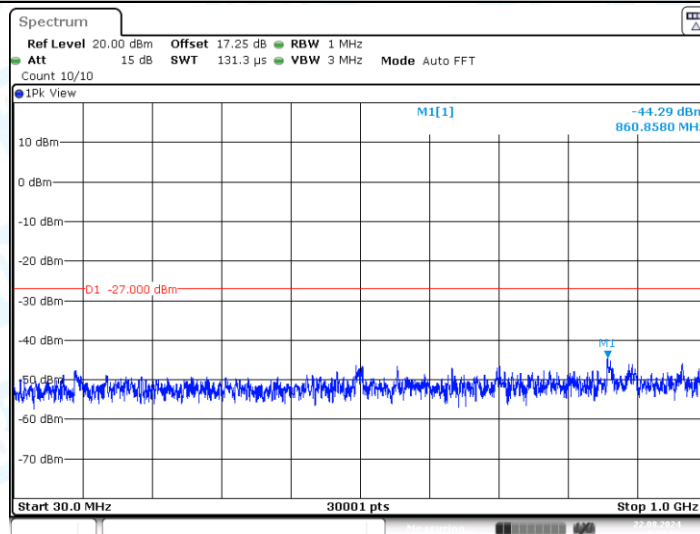
Date: 22.AUG.2024 17:10:56

11AC20SISO_Ant1_5240_30~1000



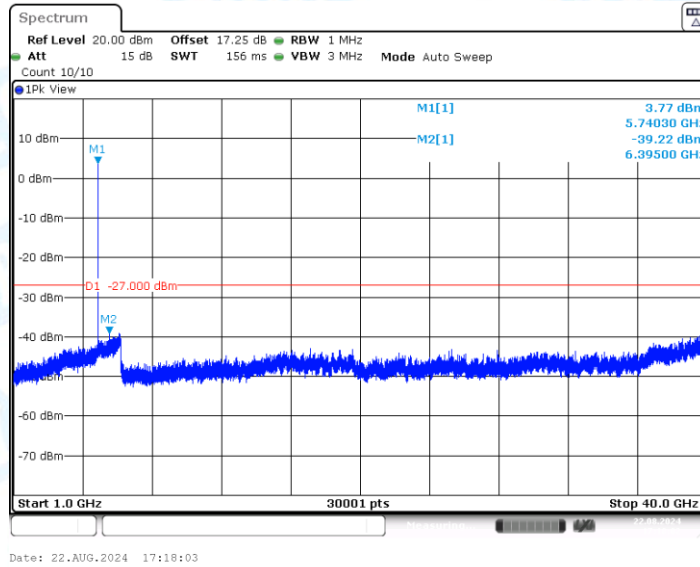
Date: 22.AUG.2024 17:11:21

11AC20SISO_Ant1_5240_1000~40000

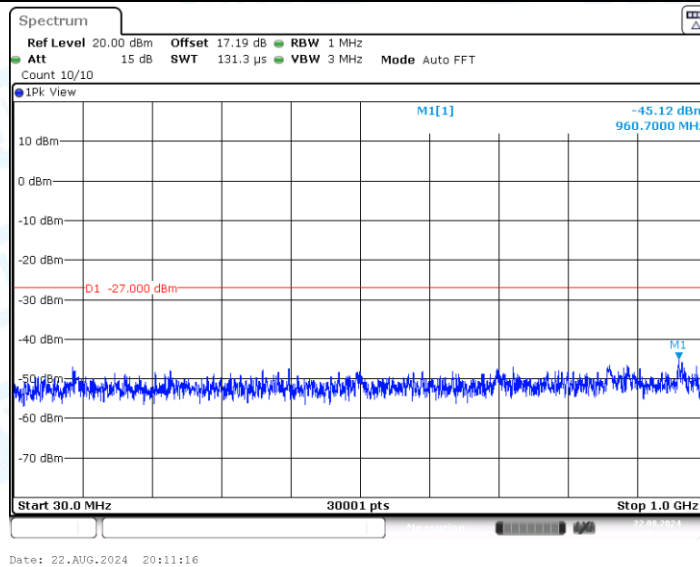


Date: 22.AUG.2024 17:17:50

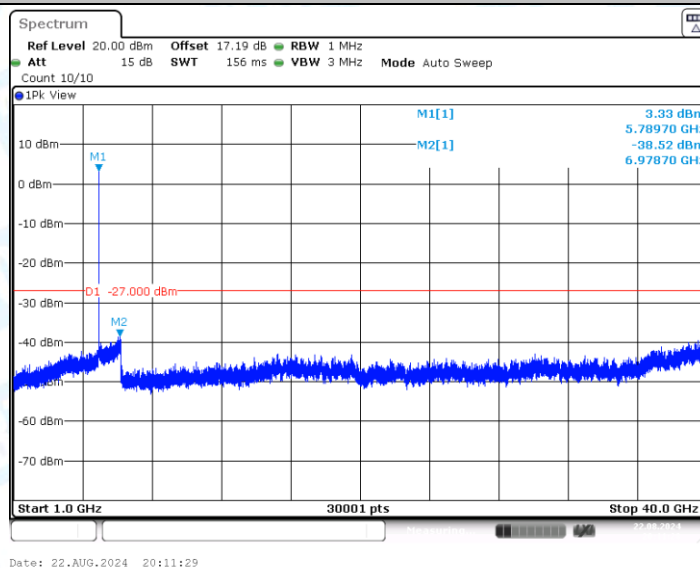
11AC20SISO_Ant1_5745_30~1000



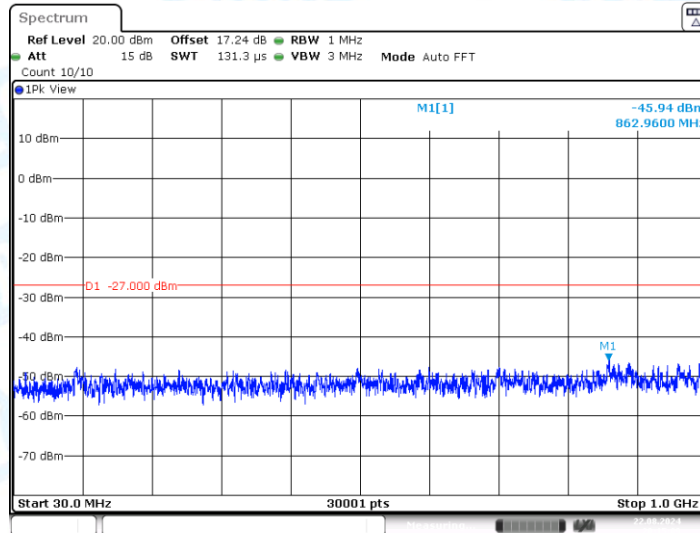
11AC20SISO_Ant1_5745_1000~40000



11AC20SISO_Ant1_5785_30~1000

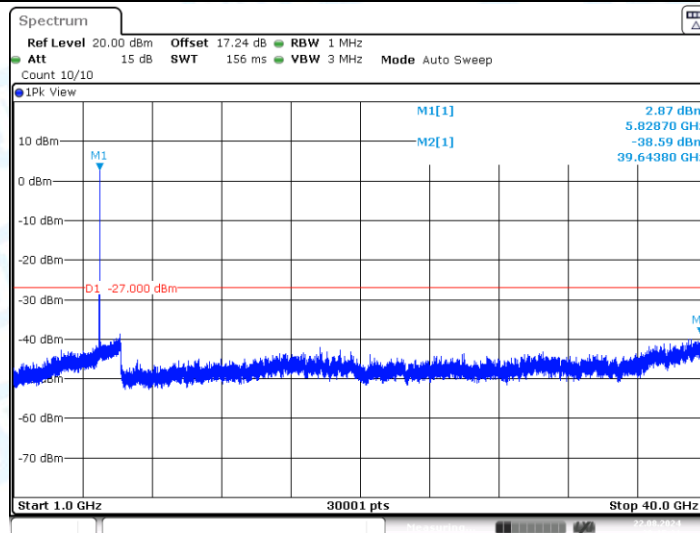


11AC20SISO_Ant1_5785_1000~40000



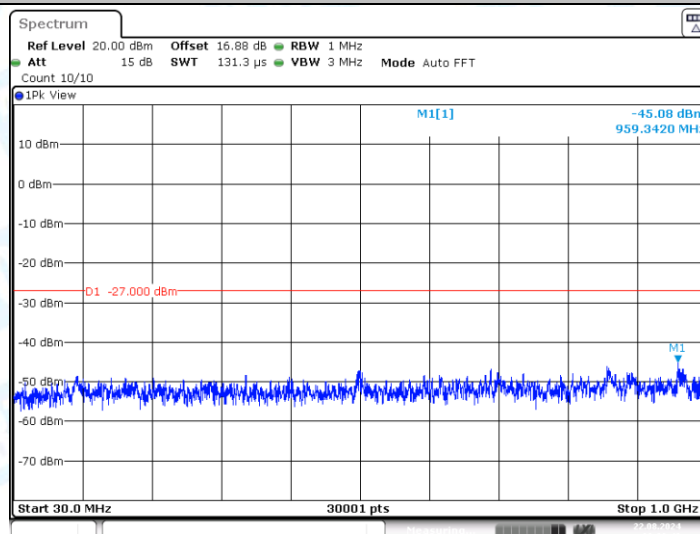
Date: 22.AUG.2024 20:15:08

11AC20SISO_Ant1_5825_30~1000



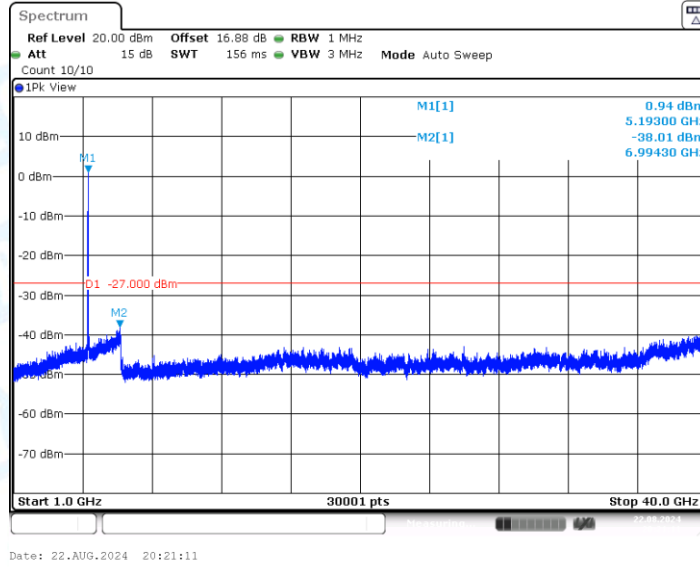
Date: 22.AUG.2024 20:15:21

11AC20SISO_Ant1_5825_1000~40000

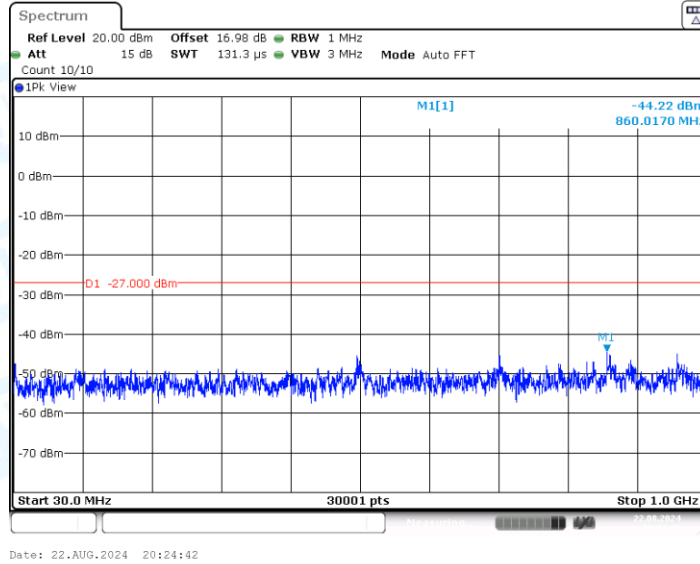


Date: 22.AUG.2024 20:20:46

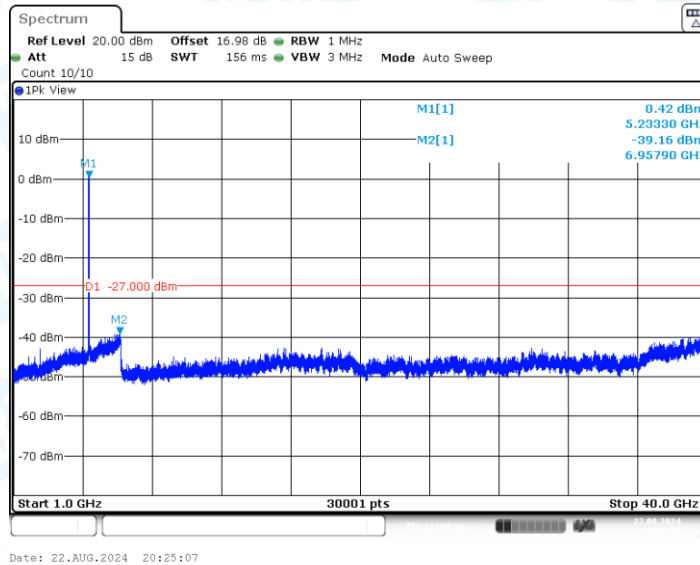
11AC40SISO_Ant1_5190_30~1000



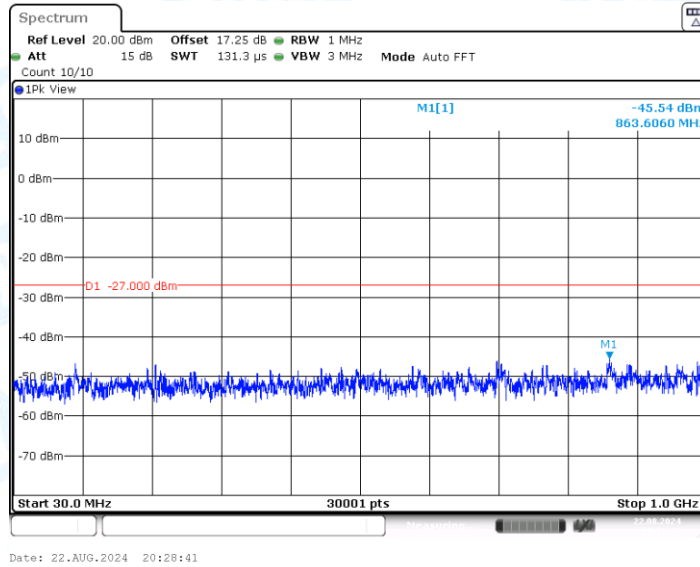
11AC40SISO_Ant1_5190_1000~40000



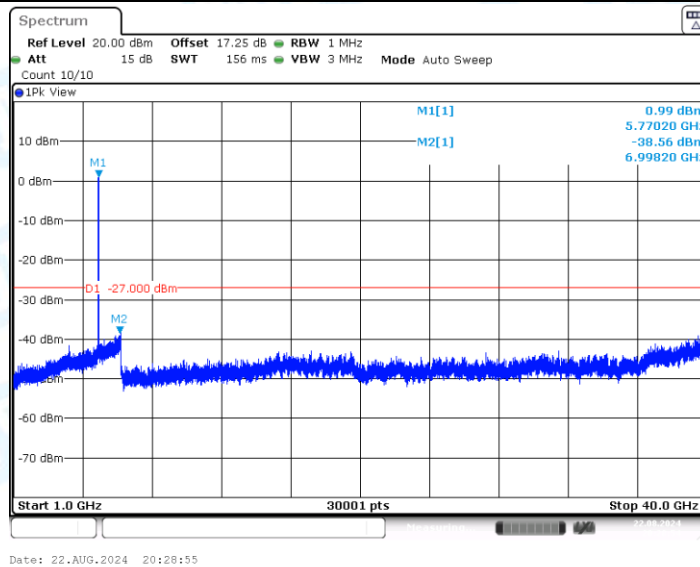
11AC40SISO_Ant1_5230_30~1000



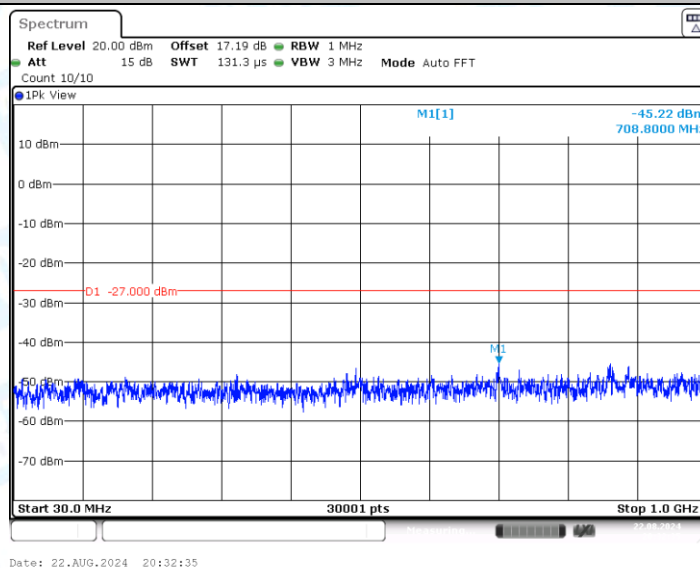
11AC40SISO_Ant1_5230_1000~40000



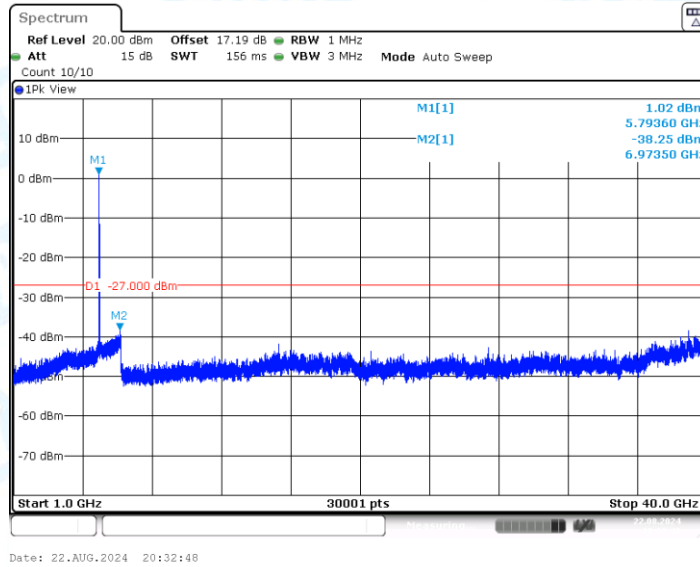
11AC40SISO_Ant1_5755_30~1000



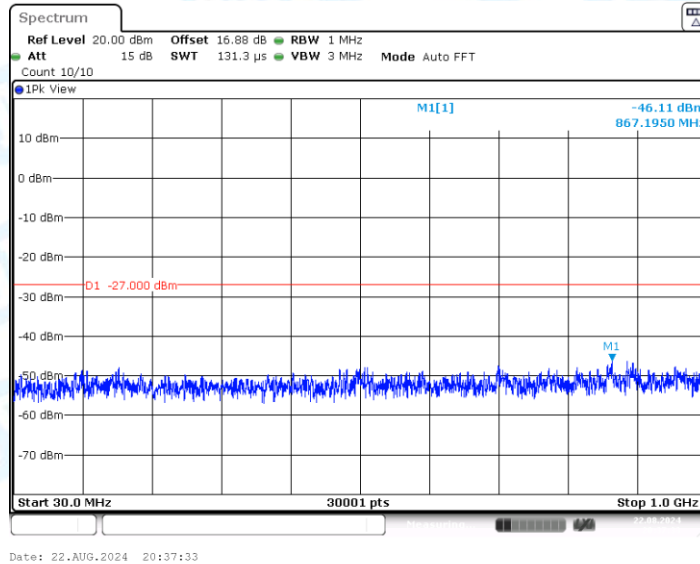
11AC40SISO_Ant1_5755_1000~40000



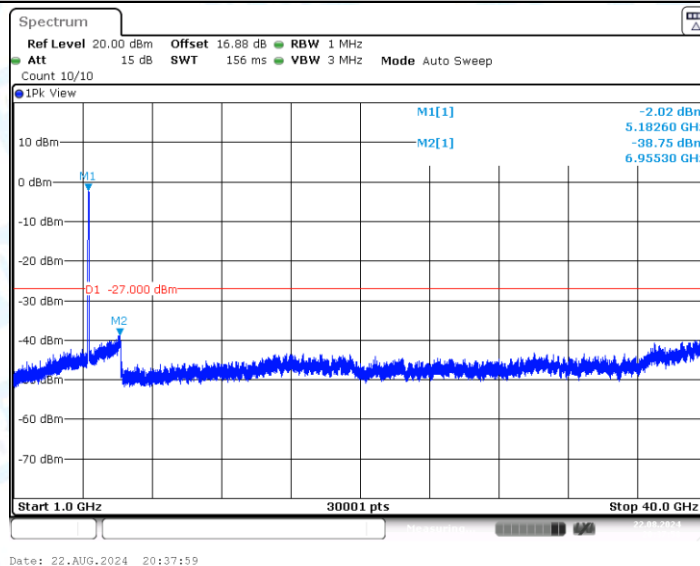
11AC40SISO_Ant1_5795_30~1000



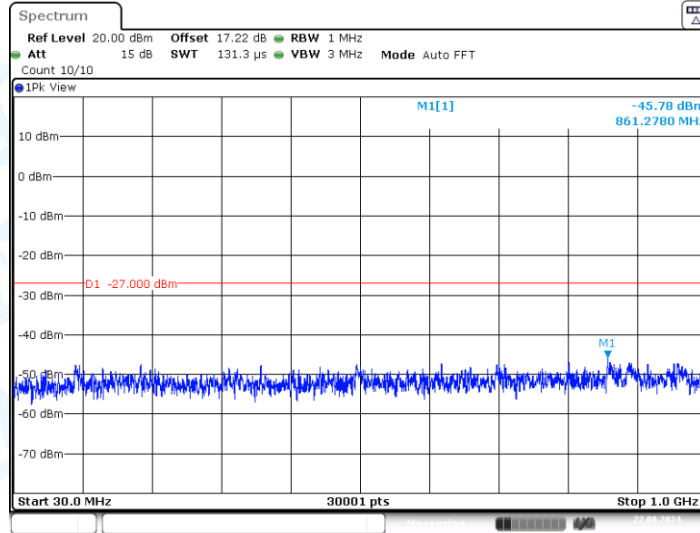
11AC40SISO_Ant1_5795_1000~40000



11AC80SISO_Ant1_5210_30~1000

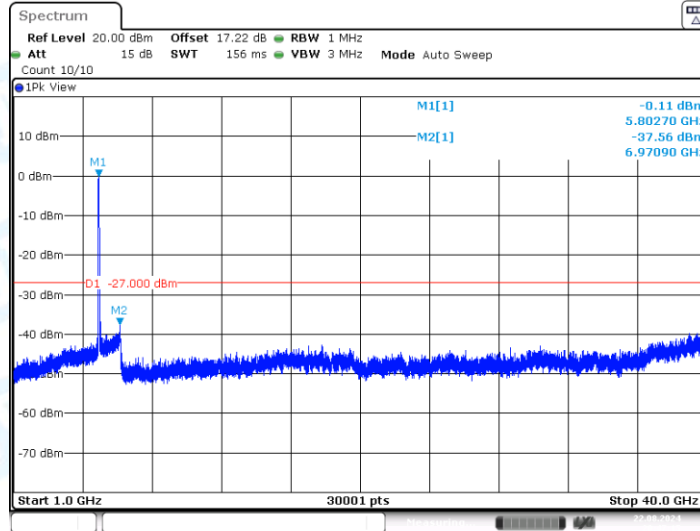


11AC80SISO_Ant1_5210_1000~40000



Date: 22.AUG.2024 20:47:03

11AC80SISO_Ant1_5775_30~1000



Date: 22.AUG.2024 20:47:16

11AC80SISO_Ant1_5775_1000~40000

9. Frequency Stability

9.1. Test Result

Voltage								
Test Mode	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	-20000.00	-3.861004	20	PASS
		5200	NV	NT	-40000.00	-7.692308	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-40000.00	-7.633588	20	PASS
			LV	NT	-40000.00	-7.633588	20	PASS
			HV	NT	-40000.00	-7.633588	20	PASS
		5745	NV	NT	-40000.00	-6.962576	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-40000.00	-6.962576	20	PASS
		5785	NV	NT	-40000.00	-6.914434	20	PASS
			LV	NT	-40000.00	-6.914434	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
		5825	NV	NT	-40000.00	-6.866953	20	PASS
			LV	NT	-40000.00	-6.866953	20	PASS
			HV	NT	-40000.00	-6.866953	20	PASS
11N40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
		5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-80000.00	-15.296367	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5755	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
		5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS
11AC80SISO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	-15.355086	20	PASS
		5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	13.852814	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	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	-40000.00	-7.722008	20	PASS
			NV	45	-20000.00	-3.861004	20	PASS
		5200	NV	0	-40000.00	-7.692308	20	PASS
			NV	10	-40000.00	-7.692308	20	PASS
			NV	20	-40000.00	-7.692308	20	PASS
			NV	30	-40000.00	-7.692308	20	PASS
			NV	45	-20000.00	-3.846154	20	PASS
		5240	NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-40000.00	-7.633588	20	PASS
			NV	20	-40000.00	-7.633588	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	45	-40000.00	-7.633588	20	PASS
		5745	NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-40000.00	-6.962576	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-40000.00	-6.962576	20	PASS
			NV	45	-40000.00	-6.962576	20	PASS
		5785	NV	0	-40000.00	-6.914434	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	45	-20000.00	-3.457217	20	PASS
		5825	NV	0	-40000.00	-6.866953	20	PASS
			NV	10	-40000.00	-6.866953	20	PASS
			NV	20	-40000.00	-6.866953	20	PASS
			NV	30	-40000.00	-6.866953	20	PASS
			NV	45	-40000.00	-6.866953	20	PASS
11N40SISO	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	-40000.00	-7.707129	20	PASS
		5230	NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.648184	20	PASS
			NV	45	-40000.00	-7.648184	20	PASS
		5755	NV	0	-40000.00	-6.950478	20	PASS

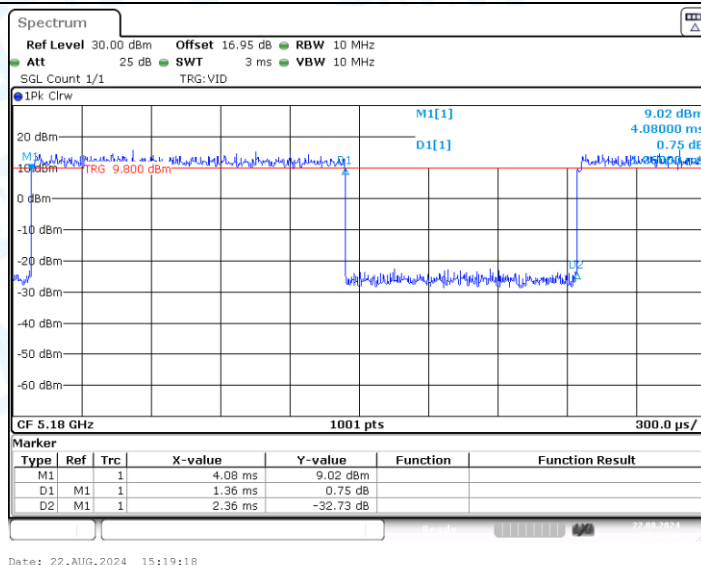
			NV	10	-40000.00	-6.950478	20	PASS
			NV	20	-40000.00	-6.950478	20	PASS
			NV	30	-40000.00	-6.950478	20	PASS
			NV	45	0.00	0.000000	20	PASS
		5795	NV	0	-40000.00	-6.902502	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-6.902502	20	PASS
			NV	30	-40000.00	-6.902502	20	PASS
			NV	45	-40000.00	-6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	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
			NV	0	-80000.00	-13.852814	20	PASS
		5775	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
			NV	0	0.00	0.000000	20	PASS

10. Duty Cycle

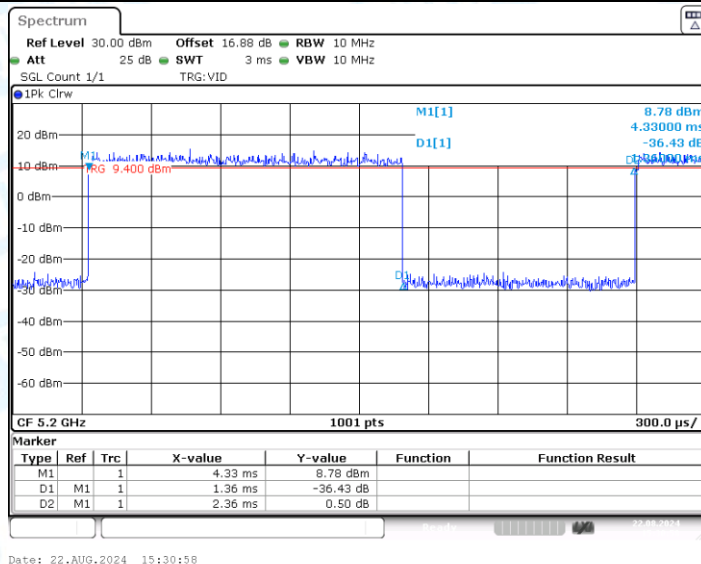
10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.36	2.36	57.63	---	---
		5200	1.36	2.36	57.63	---	---
		5240	1.36	2.37	57.38	---	---
		5745	1.36	2.37	57.38	---	---
		5785	1.36	2.37	57.38	---	---
		5825	1.36	2.37	57.38	---	---
11N20SISO	Ant1	5180	1.27	2.28	55.70	---	---
		5200	1.28	2.28	56.14	---	---
		5240	1.27	2.28	55.70	---	---
		5745	1.28	2.28	56.14	---	---
		5785	1.27	2.28	55.70	---	---
		5825	1.27	2.28	55.70	---	---
11N40SISO	Ant1	5190	0.63	1.64	38.41	---	---
		5230	0.63	1.64	38.41	---	---
		5755	0.63	1.64	38.41	---	---
		5795	0.63	1.64	38.41	---	---
11AC20SISO	Ant1	5180	1.28	2.28	56.14	---	---
		5200	1.28	2.28	56.14	---	---
		5240	1.28	2.28	56.14	---	---
		5745	1.28	2.28	56.14	---	---
		5785	1.28	2.29	55.90	---	---
		5825	1.28	2.28	56.14	---	---
11AC40SISO	Ant1	5190	0.63	1.64	38.41	---	---
		5230	0.64	1.64	39.02	---	---
		5755	0.64	1.65	38.79	---	---
		5795	0.63	1.64	38.41	---	---
11AC80SISO	Ant1	5210	0.31	1.32	23.48	---	---
		5775	0.31	1.32	23.48	---	---

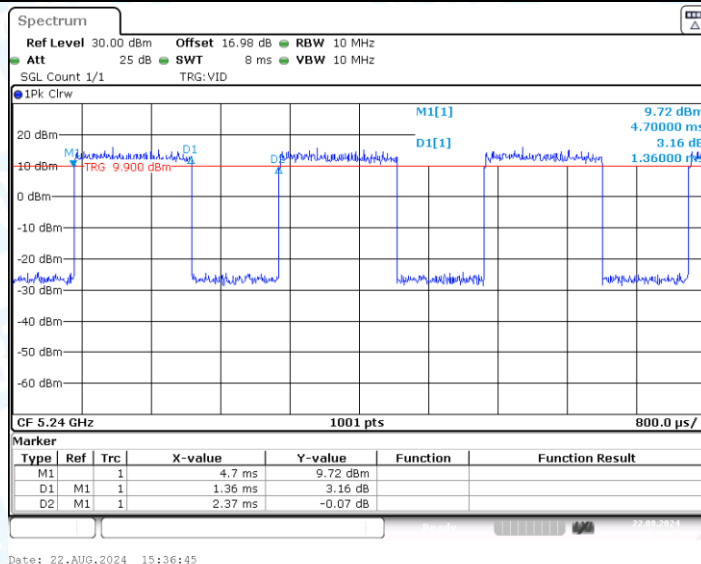
10.2. Test Graphs



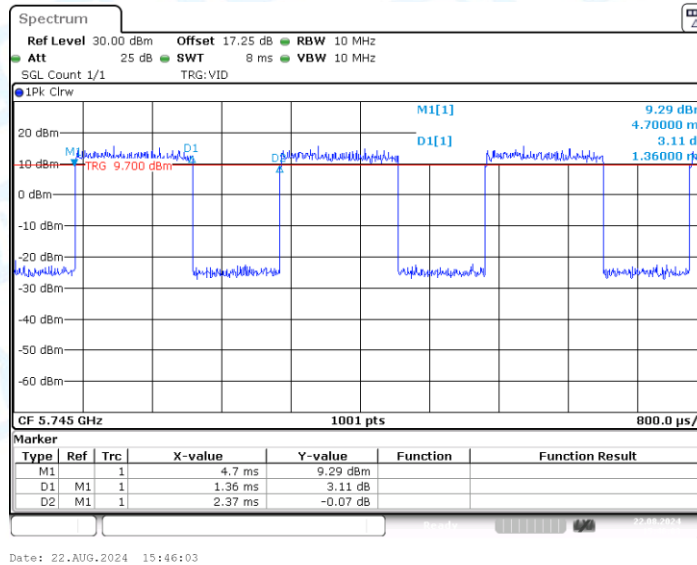
11A_Ant1_5180



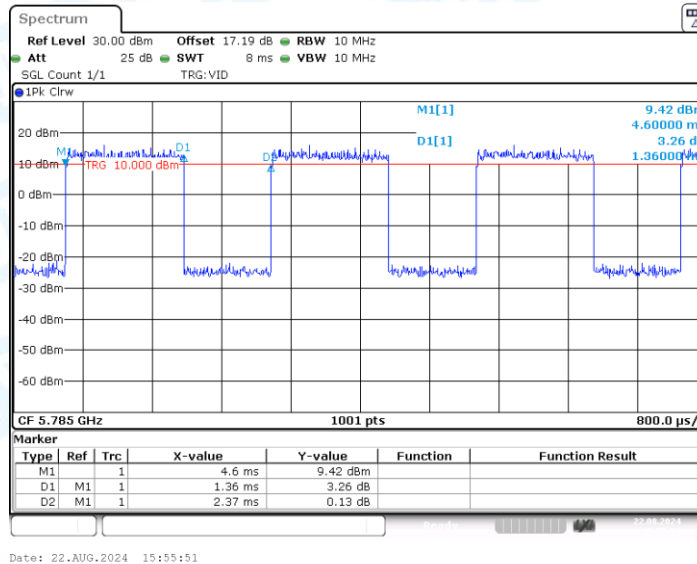
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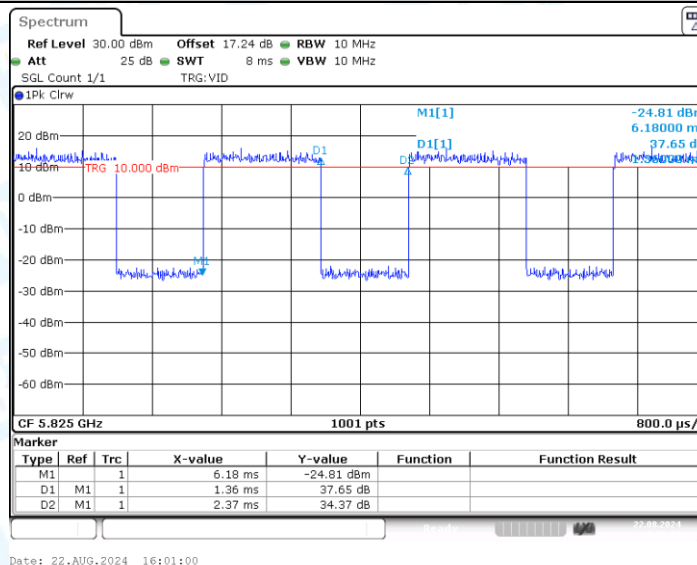
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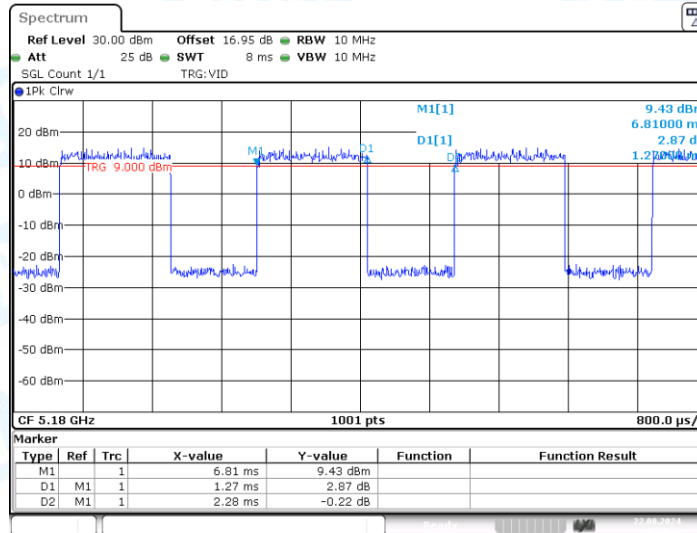
11A_Ant1_5745



11A_Ant1_5785

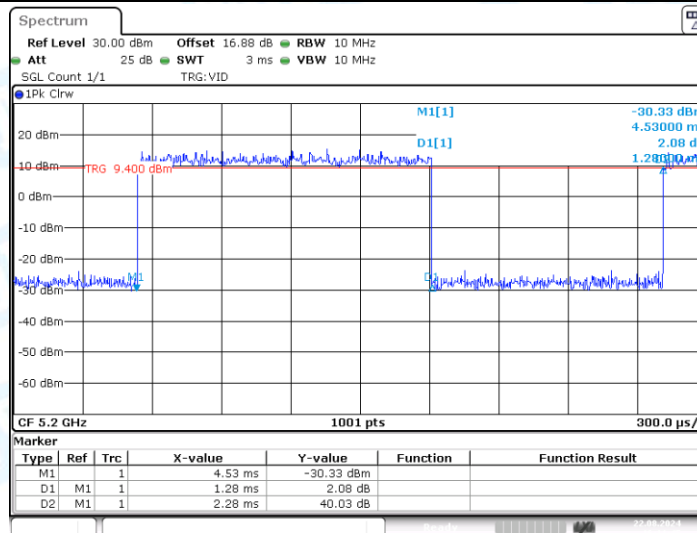


11A_Ant1_5825



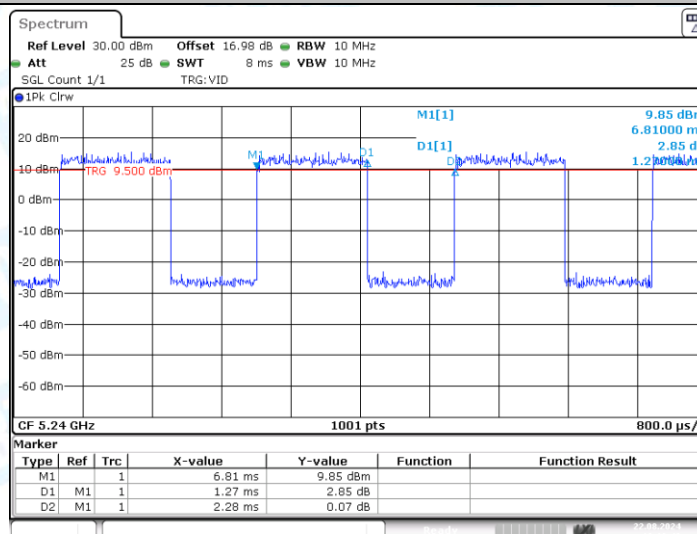
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11N20SISO_Ant1_5180



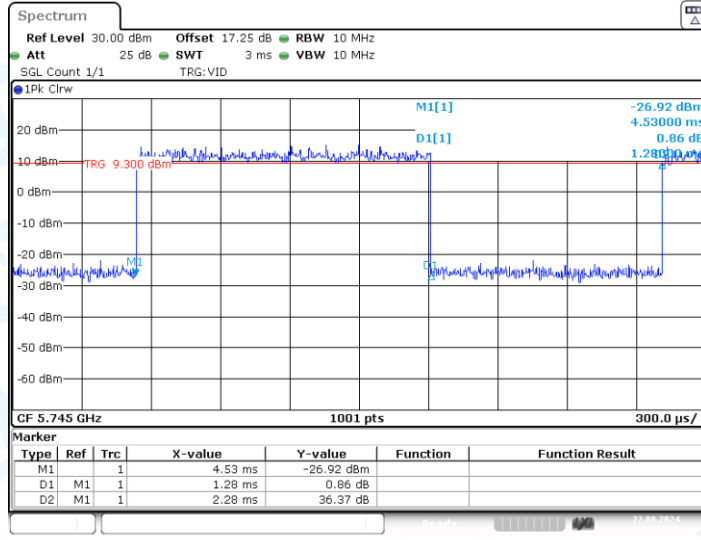
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11N20SISO_Ant1_5200



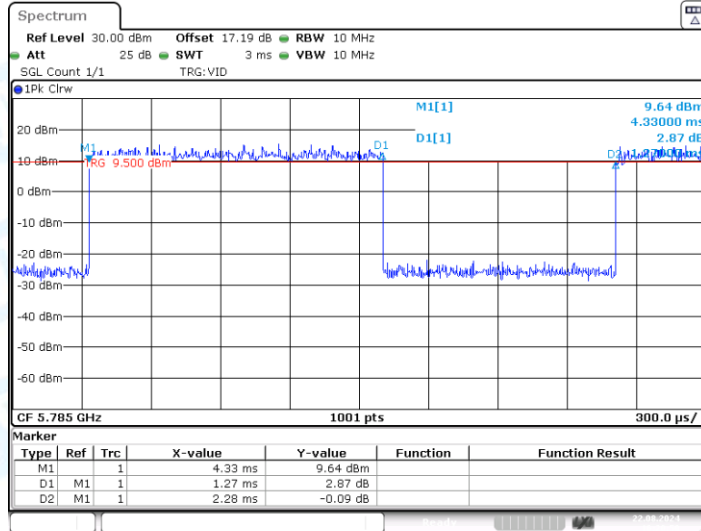
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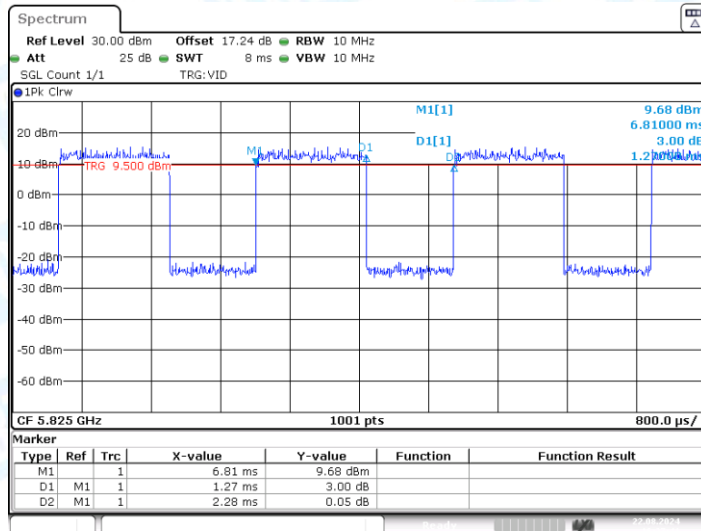
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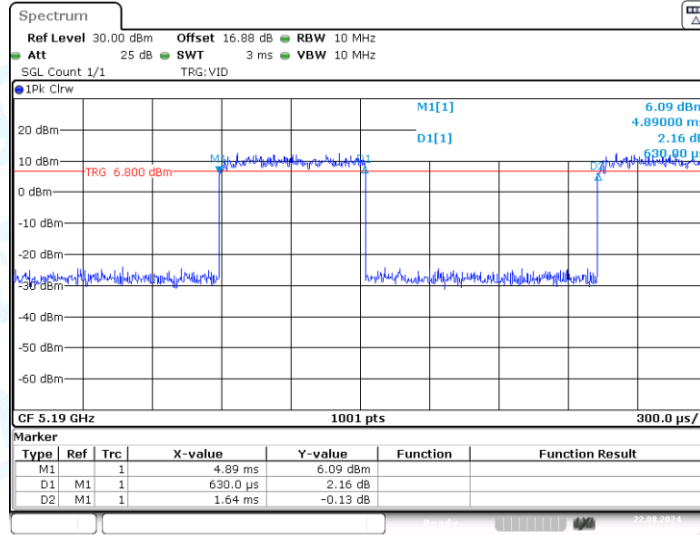
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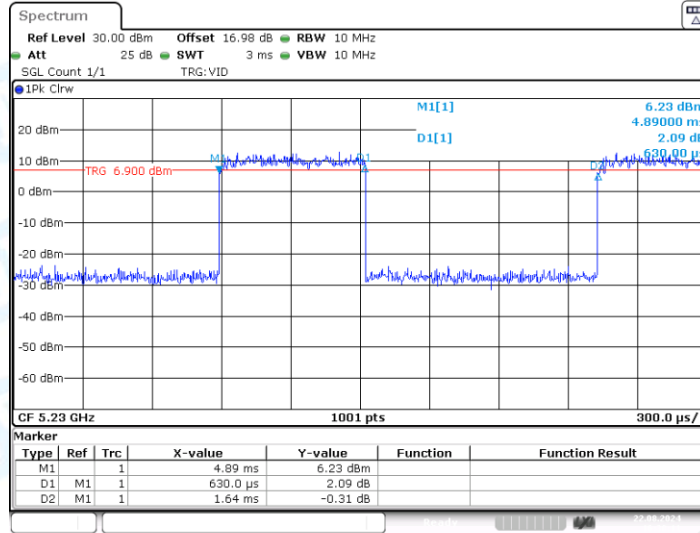
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11N20SISO_Ant1_5825



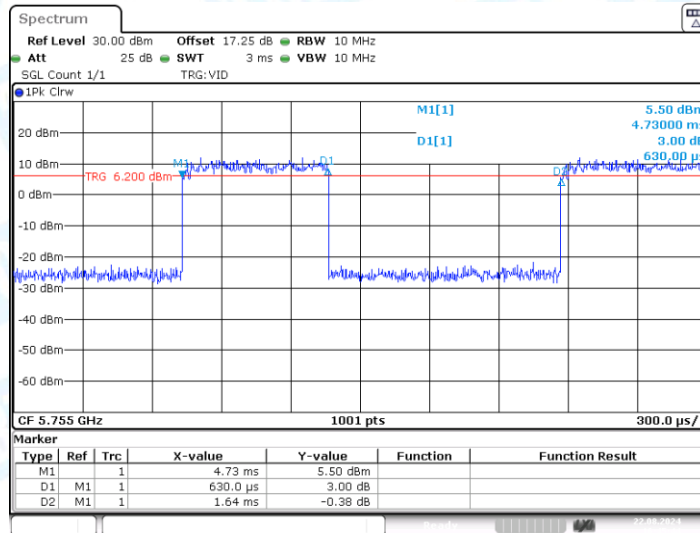
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11N40SISO_Ant1_5190



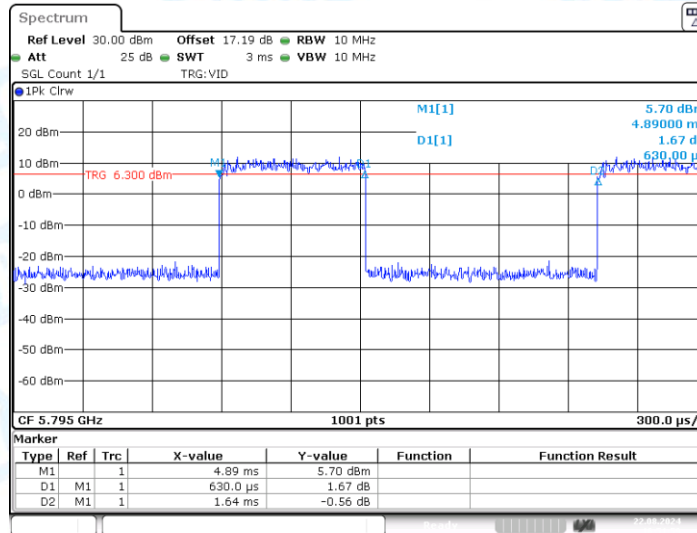
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11N40SISO_Ant1_5230



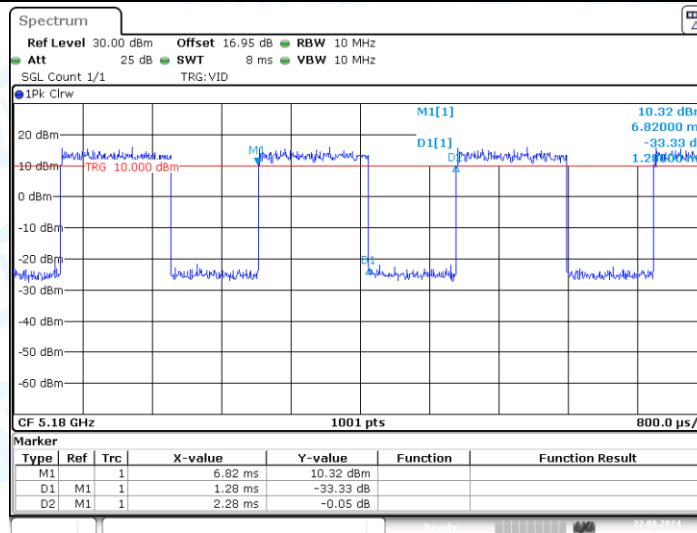
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11N40SISO_Ant1_5755



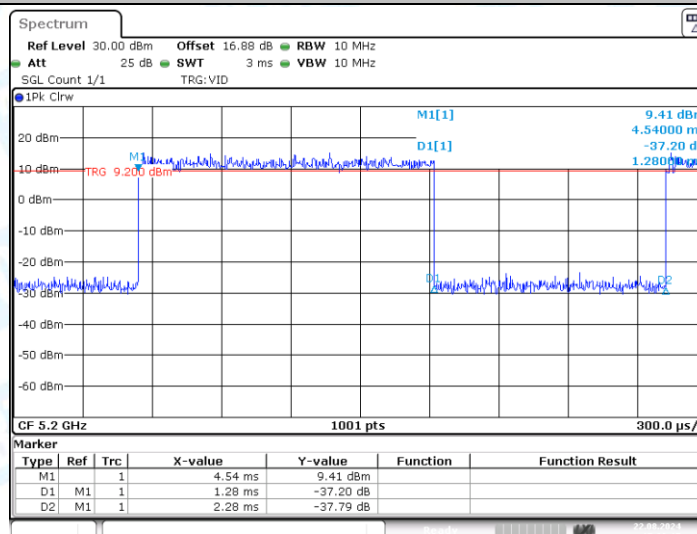
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11N40SISO_Ant1_5795



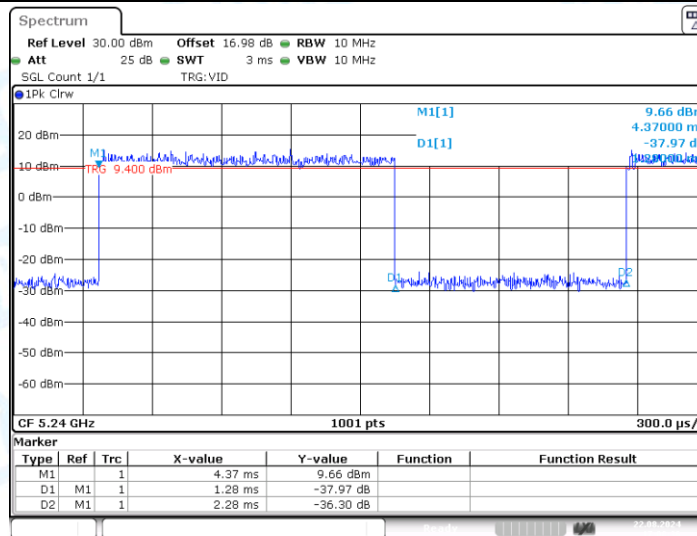
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11AC20SISO_Ant1_5180



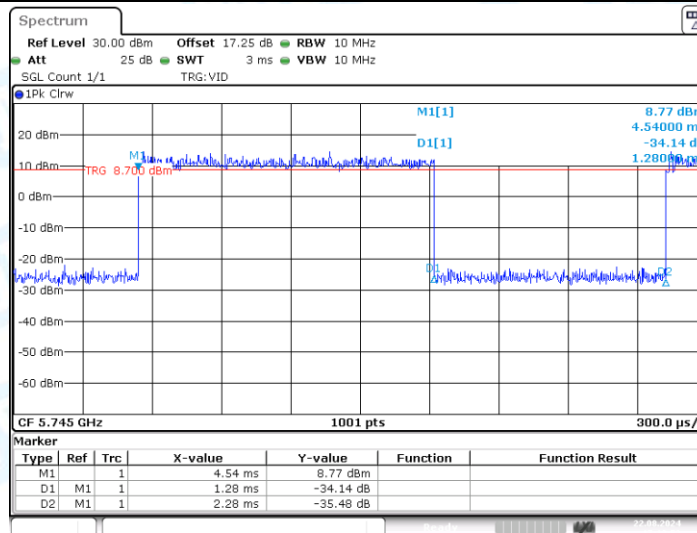
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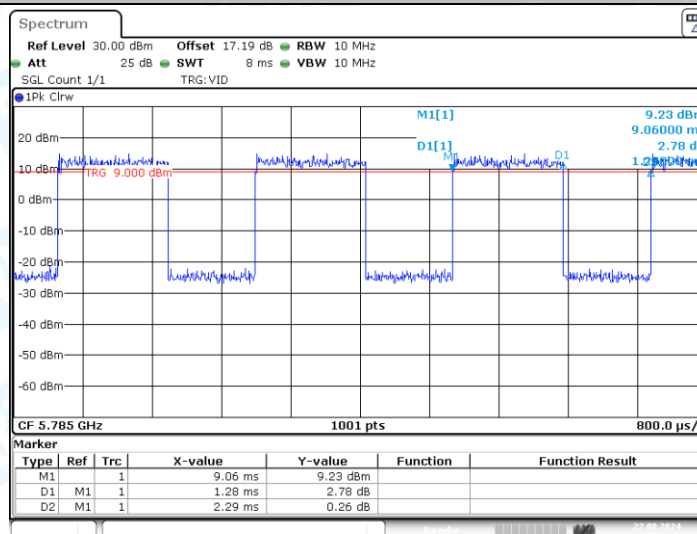
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11AC20SISO_Ant1_5240



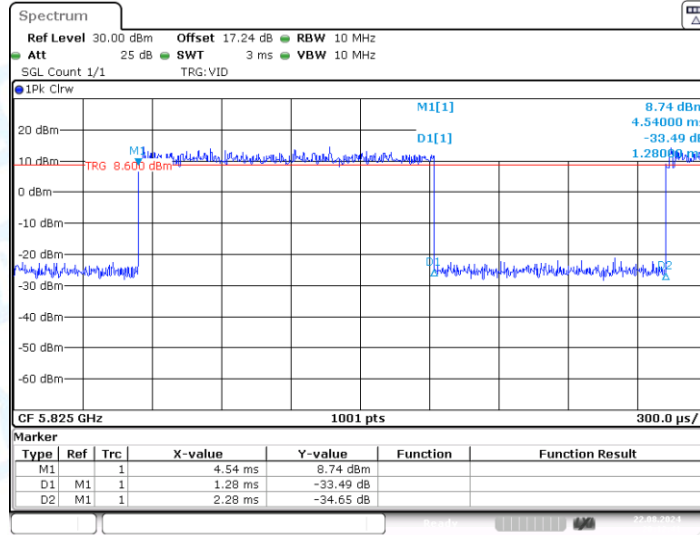
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11AC20SISO_Ant1_5745



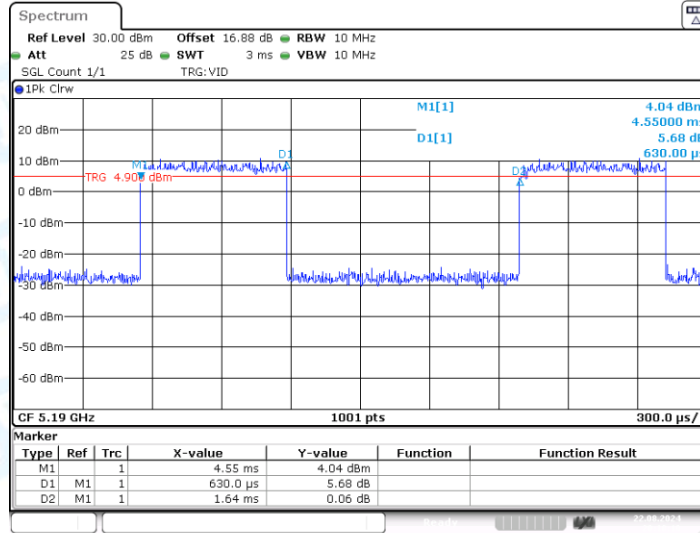
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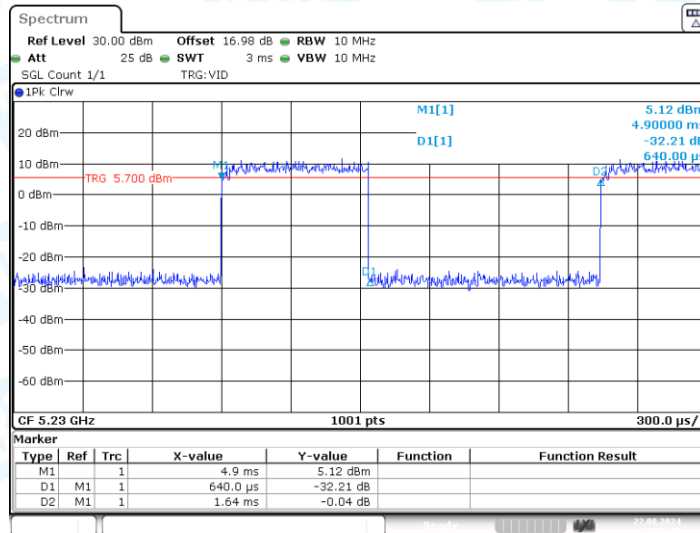
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11AC20SISO_Ant1_5825



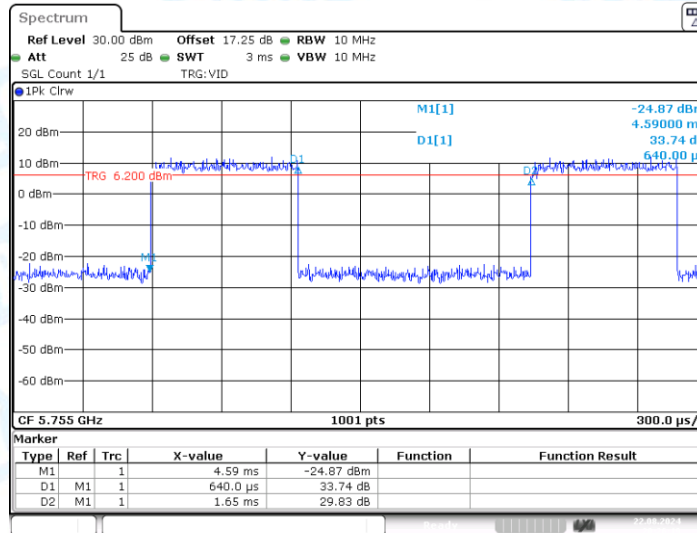
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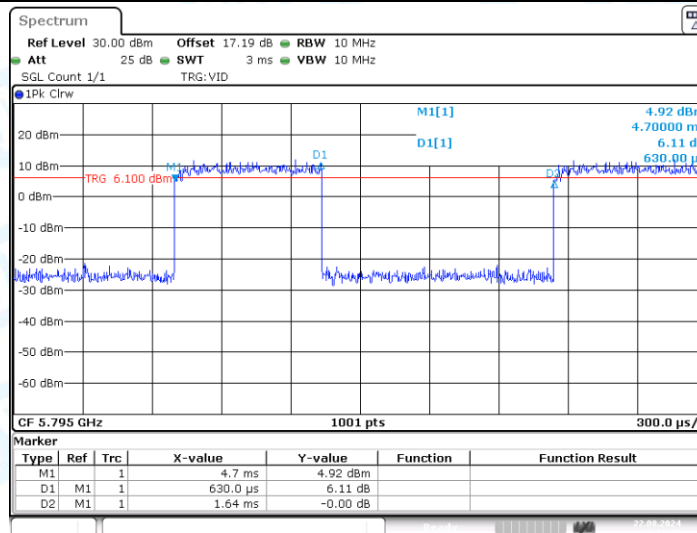
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11AC40SISO_Ant1_5230



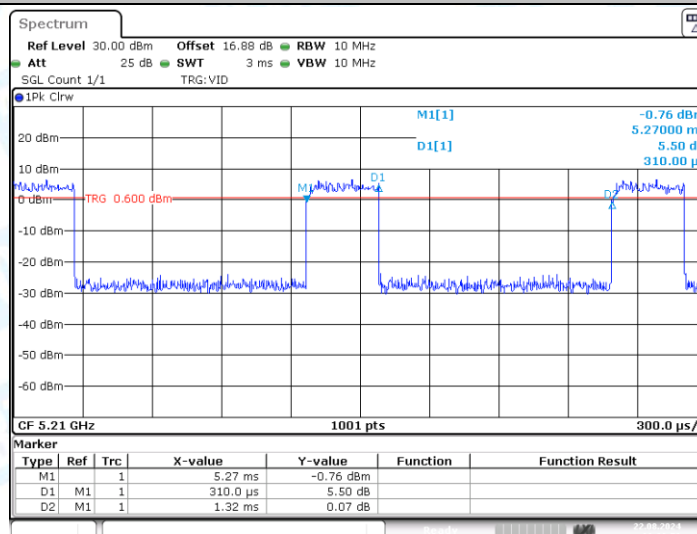
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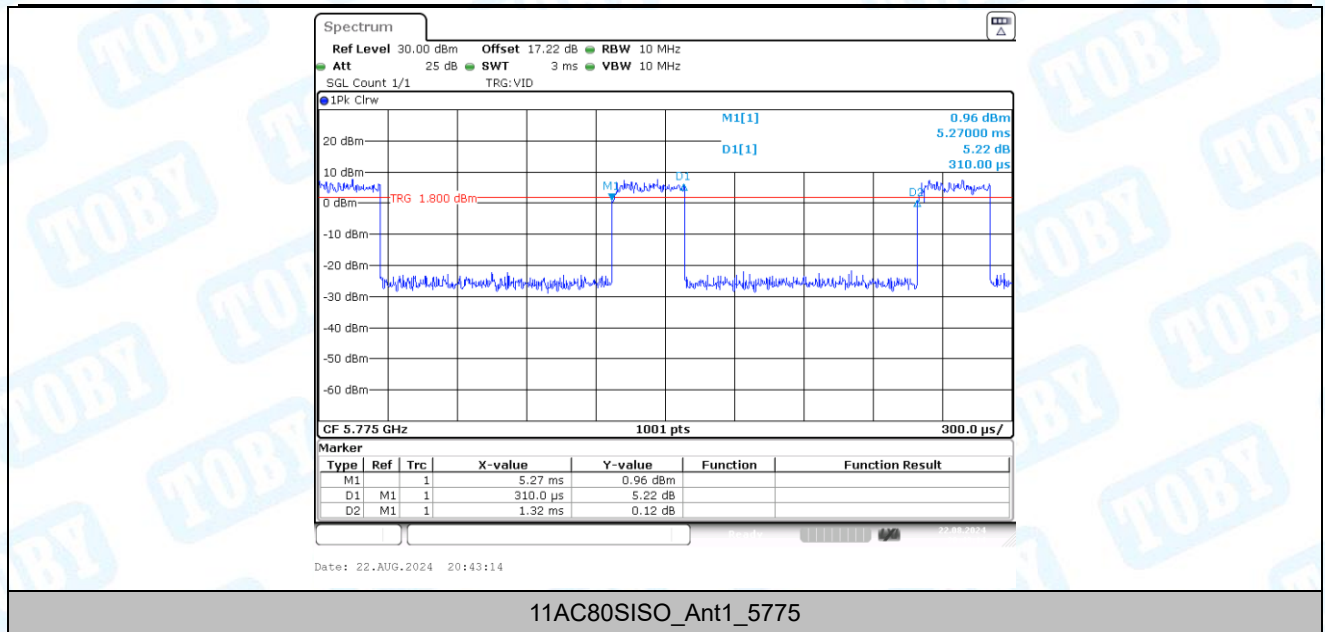
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11AC40SISO_Ant1_5795



Date: 22.AUG.2024 20:33:56

11AC80SISO_Ant1_5210



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