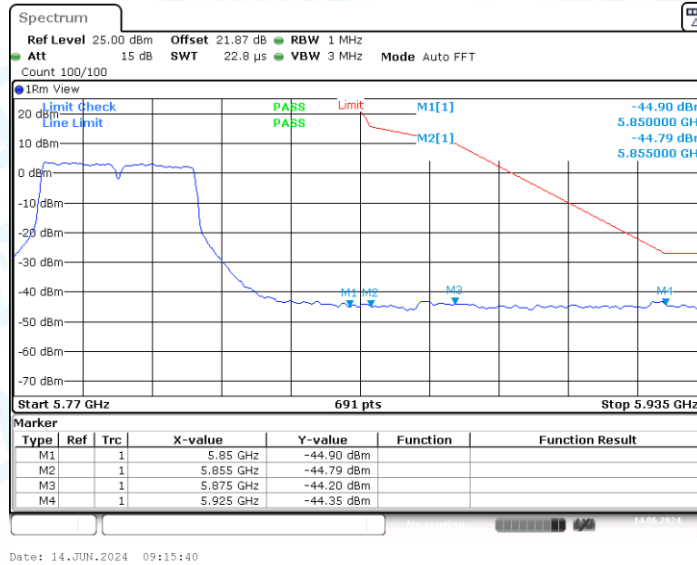
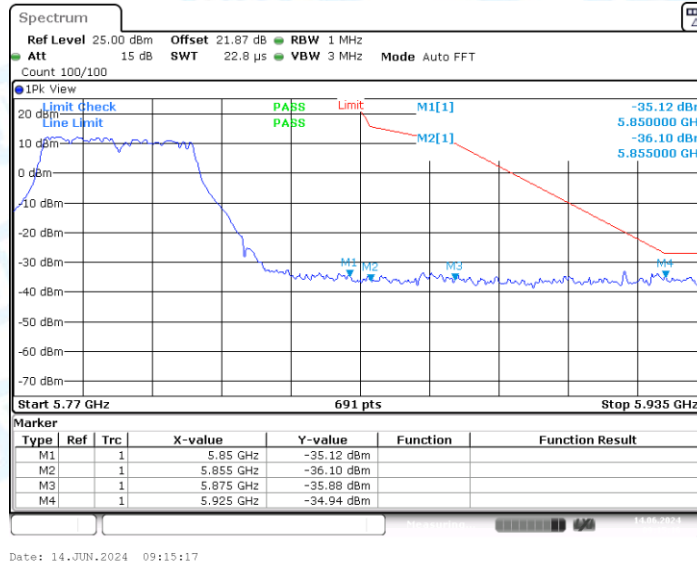
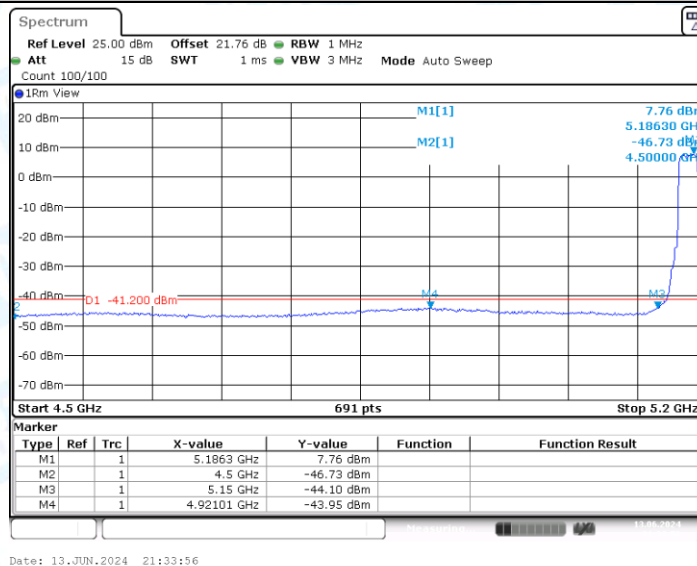




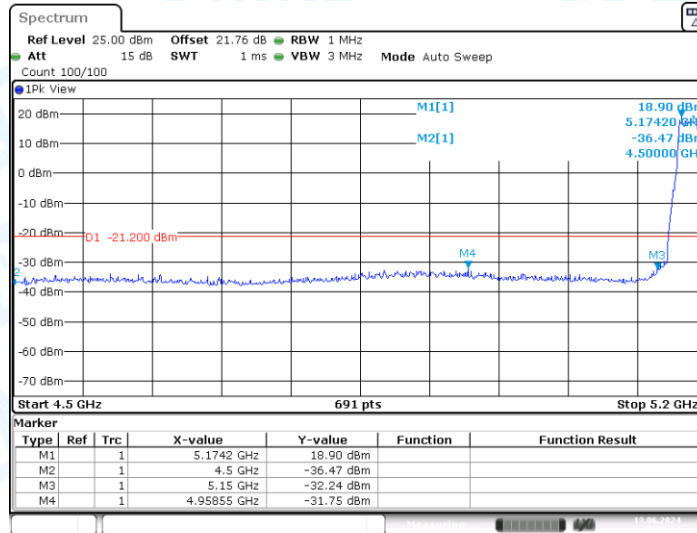
11AC40SISO_Ant1_High_5795_Peak



11AX20SISO_Ant1_Low_5180_AV

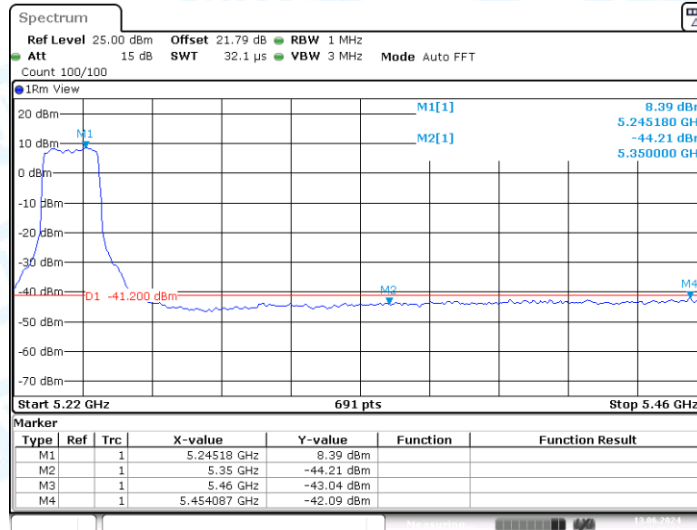


11AX20SISO_Ant1_Low_5180_Peak



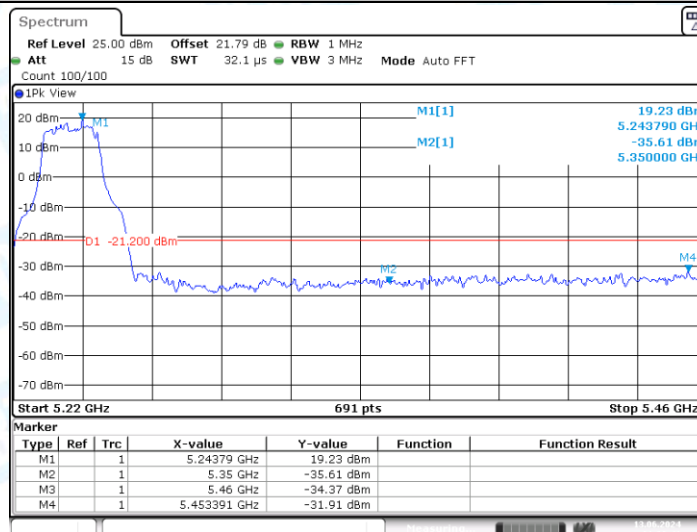
Date: 13.JUN.2024 21:33:34

11AX20SISO_Ant1_High_5240_AV



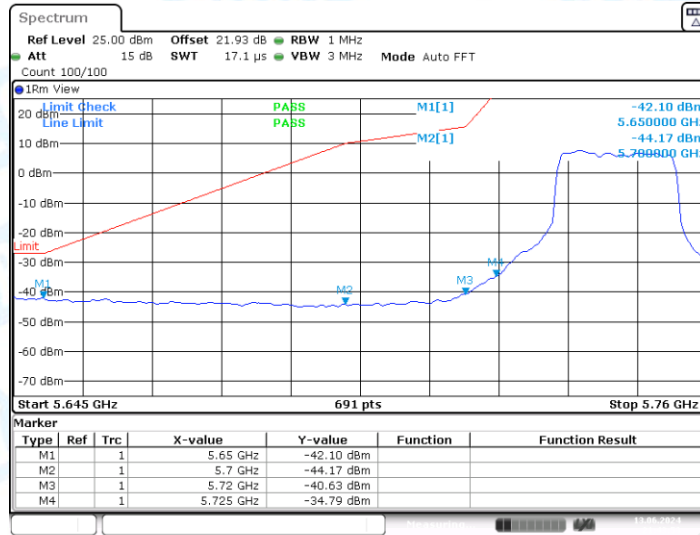
Date: 13.JUN.2024 21:40:02

11AX20SISO_Ant1_High_5240_Peak



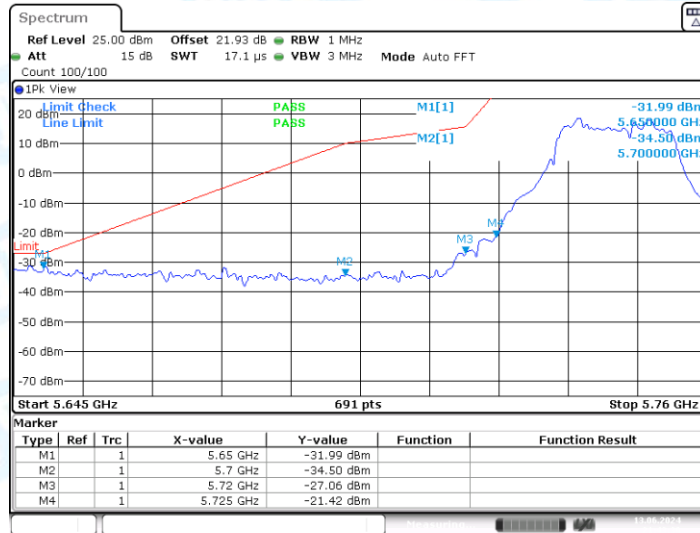
Date: 13.JUN.2024 21:39:40

11AX20SISO_Ant1_Low_5745_AV



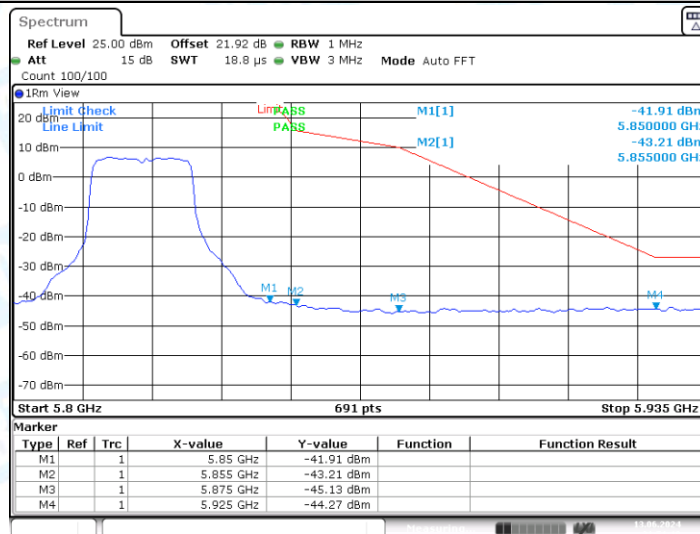
Date: 13.JUN.2024 21:43:54

11AX20SISO_Ant1_Low_5745_Peak



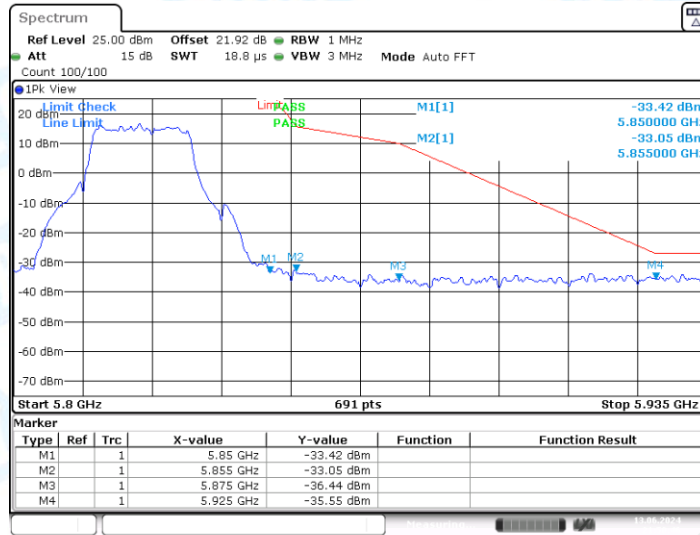
Date: 13.JUN.2024 21:43:30

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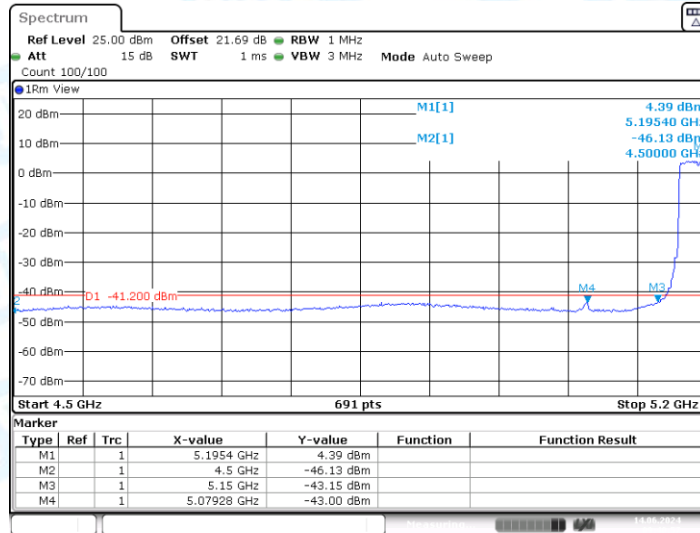
Date: 13.JUN.2024 21:51:10

11AX20SISO_Ant1_High_5825_Peak



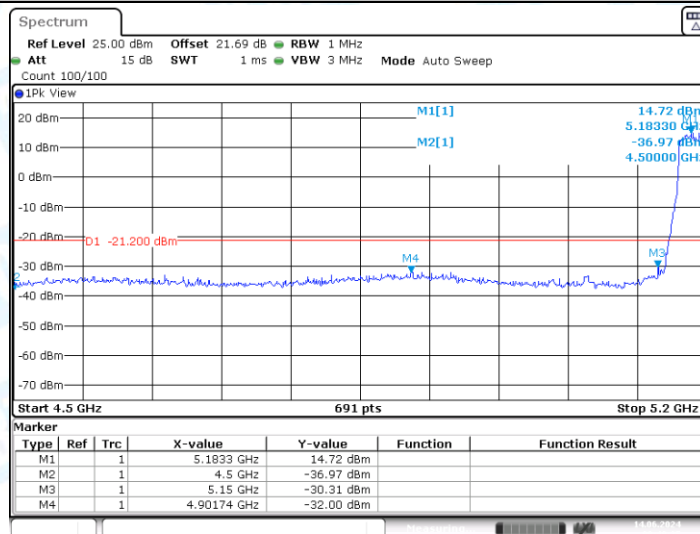
Date: 13.JUN.2024 21:50:47

11AX40SISO_Ant1_Low_5190_AV



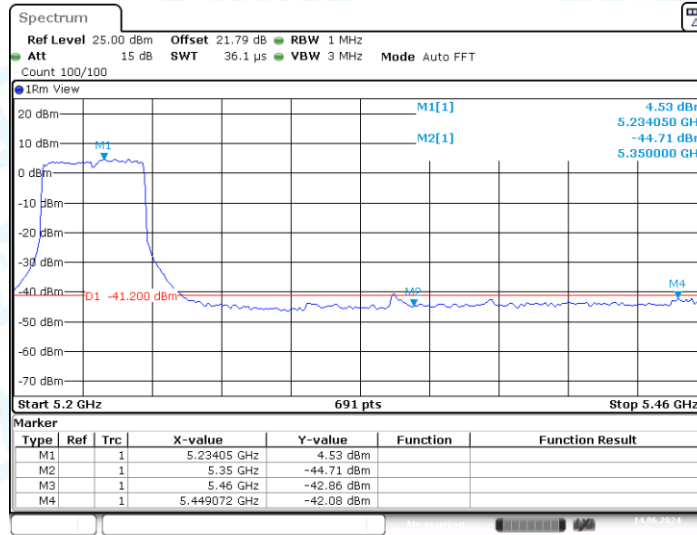
Date: 14.JUN.2024 09:40:57

11AX40SISO_Ant1_Low_5190_Peak



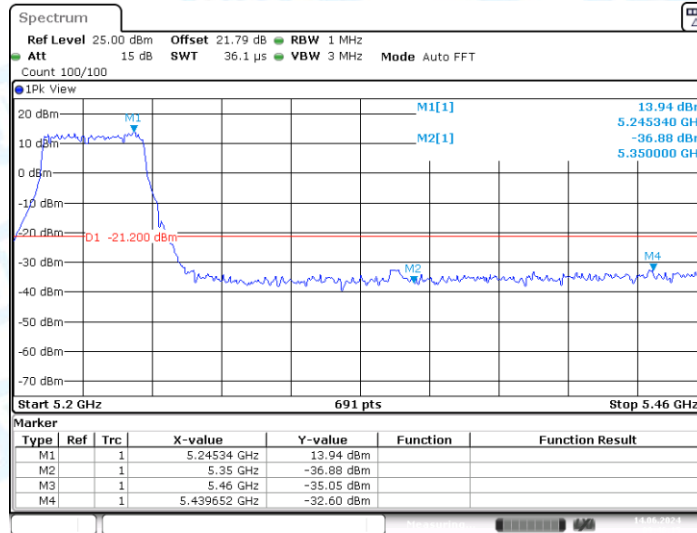
Date: 14.JUN.2024 09:40:34

11AX40SISO_Ant1_High_5230_AV



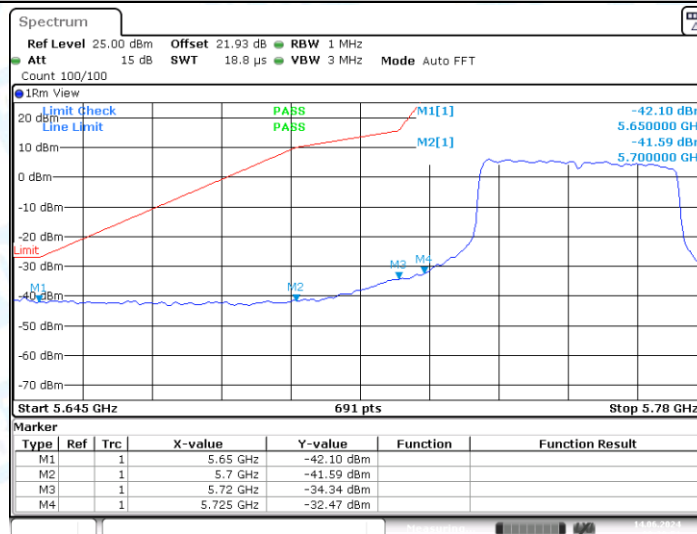
Date: 14.JUN.2024 09:46:37

11AX40SISO_Ant1_High_5230_Peak



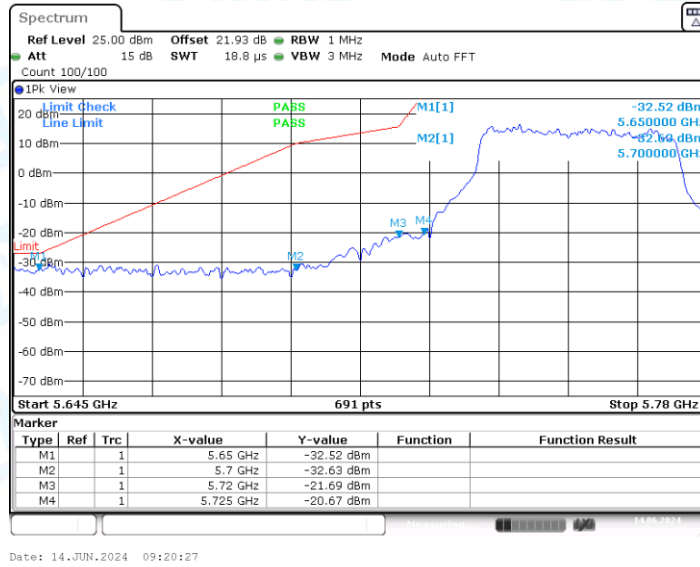
Date: 14.JUN.2024 09:46:15

11AX40SISO_Ant1_Low_5755_AV

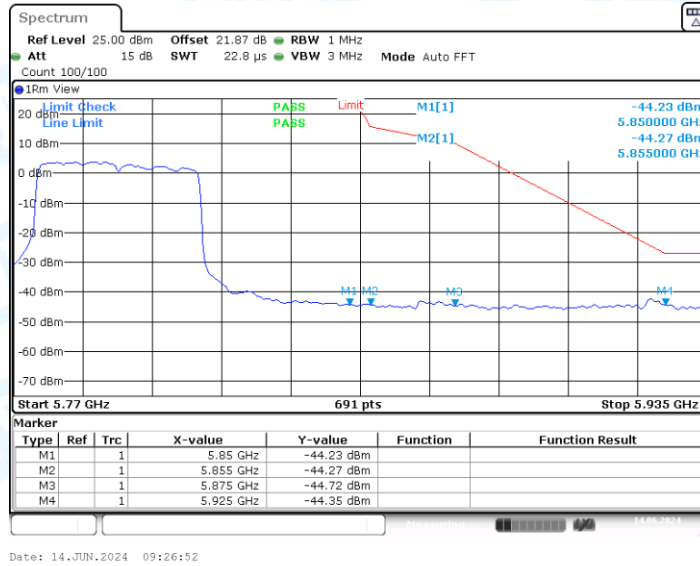


Date: 14.JUN.2024 09:20:51

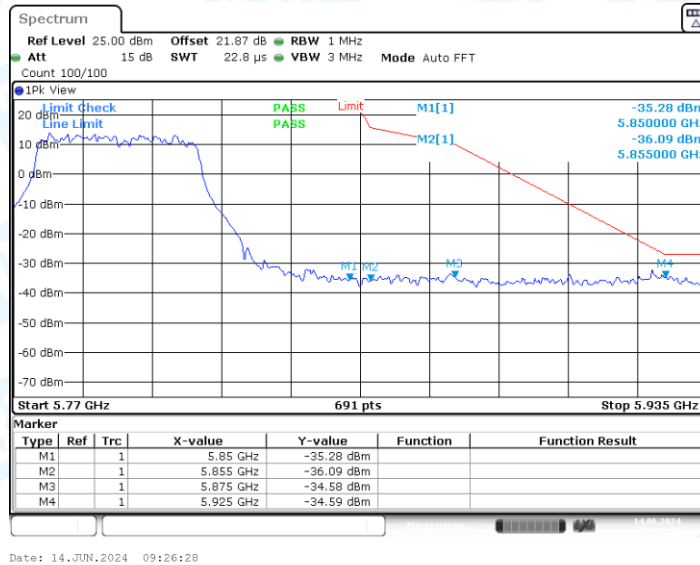
11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_AV



11AX40SISO_Ant1_High_5795_Peak



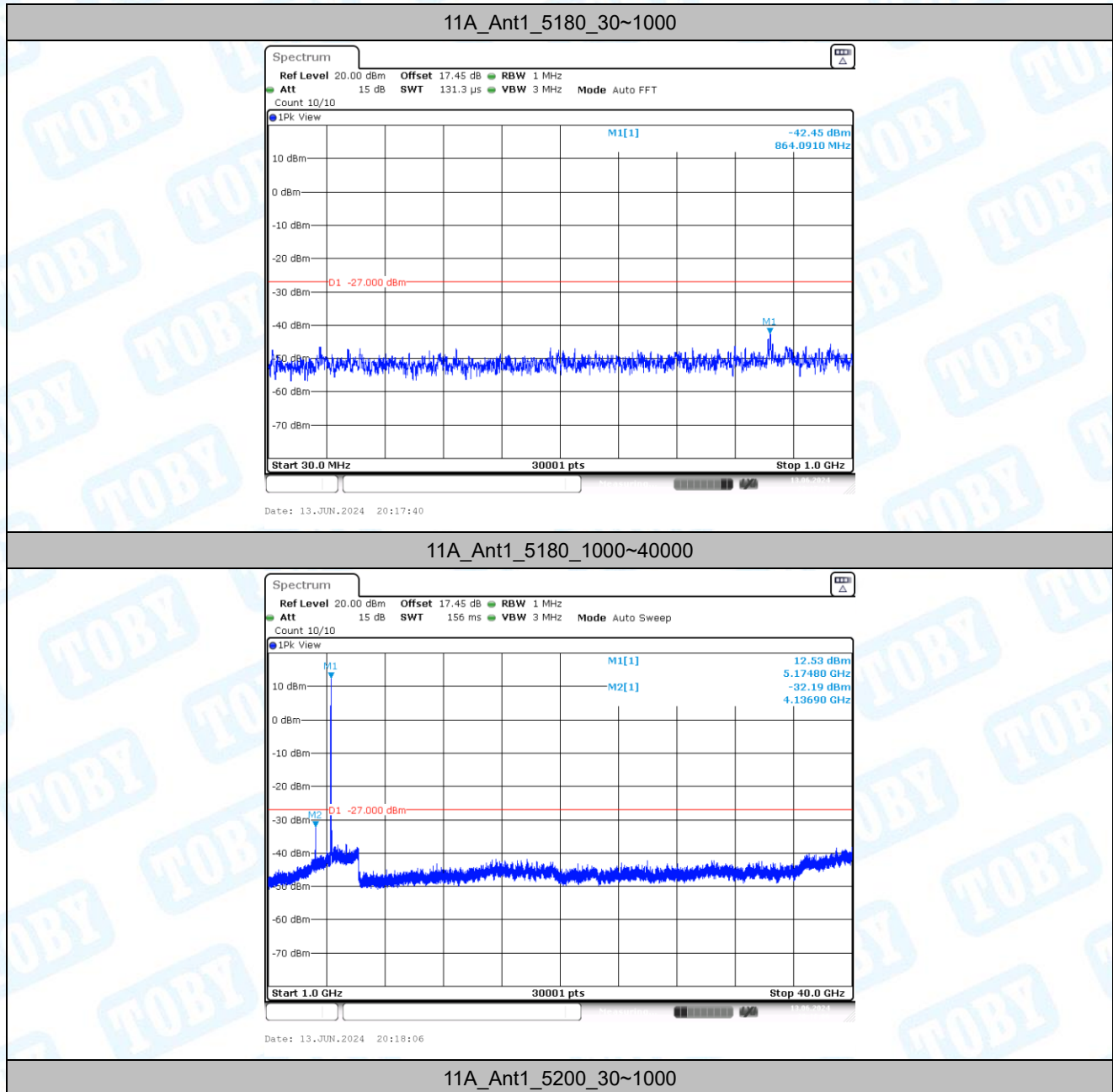
8. Conducted Spurious Emission

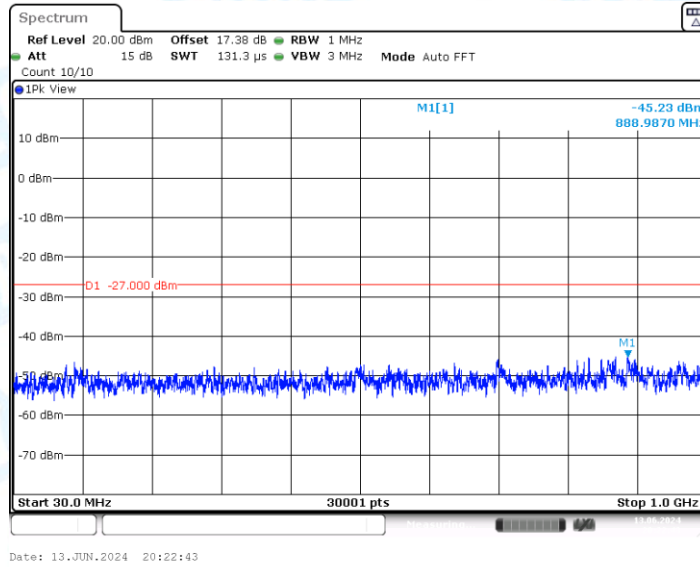
8.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	864.09	-42.45	≤-27	PASS
			1000~40000	4136.9	-32.19	≤-27	PASS
		5200	30~1000	888.99	-45.23	≤-27	PASS
			1000~40000	4152.5	-31.25	≤-27	PASS
		5240	30~1000	889.93	-44.06	≤-27	PASS
			1000~40000	4183.7	-31.33	≤-27	PASS
		5745	30~1000	890.41	-44.44	≤-27	PASS
			1000~40000	4595.8	-29.74	≤-27	PASS
		5785	30~1000	868.26	-44.31	≤-27	PASS
			1000~40000	4627	-30.52	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	869.88	-44.35	≤-27	PASS
			1000~40000	4659.5	-29.49	≤-27	PASS
		5200	30~1000	958.47	-44.87	≤-27	PASS
			1000~40000	4135.6	-32.05	≤-27	PASS
		5240	30~1000	860.54	-43.19	≤-27	PASS
			1000~40000	4152.5	-31.13	≤-27	PASS
		5745	30~1000	893.32	-45.02	≤-27	PASS
			1000~40000	4185	-31.57	≤-27	PASS
		5785	30~1000	890.64	-44	≤-27	PASS
			1000~40000	4586.7	-29.36	≤-27	PASS
11N40SISO	Ant1	5190	30~1000	864.03	-42.78	≤-27	PASS
			1000~40000	4627	-28.73	≤-27	PASS
		5230	30~1000	959.28	-44.14	≤-27	PASS
			1000~40000	4659.5	-29.48	≤-27	PASS
		5230	30~1000	862.41	-44.84	≤-27	PASS
			1000~40000	4166.8	-29.88	≤-27	PASS
		5755	30~1000	861.41	-44.61	≤-27	PASS
			1000~40000	4585.4	-27.6	≤-27	PASS
		5795	30~1000	860.08	-44.46	≤-27	PASS
			1000~40000	4586.7	-28.33	≤-27	PASS
11AC20SISO	Ant1	5180	30~1000	763.22	-45.39	≤-27	PASS
			1000~40000	4135.6	-31.79	≤-27	PASS
		5200	30~1000	861.28	-44.02	≤-27	PASS
			1000~40000	4152.5	-31.05	≤-27	PASS
		5240	30~1000	964	-44.13	≤-27	PASS
			1000~40000	4183.7	-31.31	≤-27	PASS
		5745	30~1000	890.57	-43.83	≤-27	PASS
			1000~40000	4183.7	-31.31	≤-27	PASS

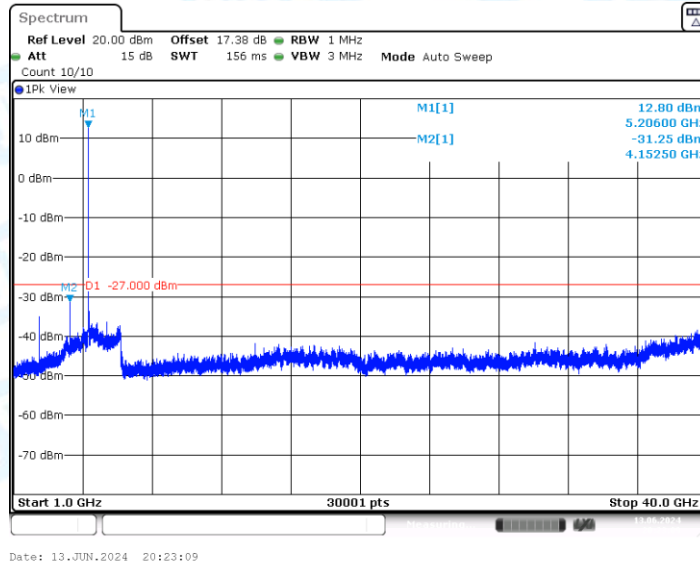
		5785	1000~40000	4588	-28.71	≤-27	PASS		
			30~1000	890.51	-44.28	≤-27	PASS		
			1000~40000	4620.5	-27.72	≤-27	PASS		
		5825	30~1000	958.6	-44.23	≤-27	PASS		
			1000~40000	4659.5	-29.75	≤-27	PASS		
11AC40SISO	Ant1	5190	30~1000	958.5	-44.69	≤-27	PASS		
			1000~40000	4134.3	-29.8	≤-27	PASS		
		5230	30~1000	960.41	-44.47	≤-27	PASS		
			1000~40000	4200.6	-29.11	≤-27	PASS		
		5755	30~1000	58.79	-34.42	≤-27	PASS		
			1000~40000	4589.3	-28.11	≤-27	PASS		
		5795	30~1000	866.03	-44.91	≤-27	PASS		
			1000~40000	4653	-27.37	≤-27	PASS		
		11AX20SISO	Ant1	5180	30~1000	892.09	-43.84	≤-27	PASS
1000~40000	4151.2				-30.54	≤-27	PASS		
5200	30~1000			894.97	-43.56	≤-27	PASS		
	1000~40000			4151.2	-29.97	≤-27	PASS		
5240	30~1000			888.96	-43.78	≤-27	PASS		
	1000~40000			4183.7	-29.06	≤-27	PASS		
5745	30~1000			958.89	-43.6	≤-27	PASS		
	1000~40000			4586.7	-29.38	≤-27	PASS		
5785	30~1000			888.24	-44.19	≤-27	PASS		
	1000~40000			4619.2	-27.6	≤-27	PASS		
5825	30~1000			862.44	-44.55	≤-27	PASS		
	1000~40000			4651.7	-28.87	≤-27	PASS		
11AX40SISO	Ant1			5190	30~1000	888.18	-44.76	≤-27	PASS
					1000~40000	4134.3	-28.72	≤-27	PASS
		5230	30~1000	860.47	-45.35	≤-27	PASS		
			1000~40000	4166.8	-27.73	≤-27	PASS		
		5755	30~1000	114.92	-44.83	≤-27	PASS		
			1000~40000	4586.7	-28.01	≤-27	PASS		
		5795	30~1000	861.25	-44.75	≤-27	PASS		
			1000~40000	4617.9	-27.54	≤-27	PASS		

8.2.Test Graphs

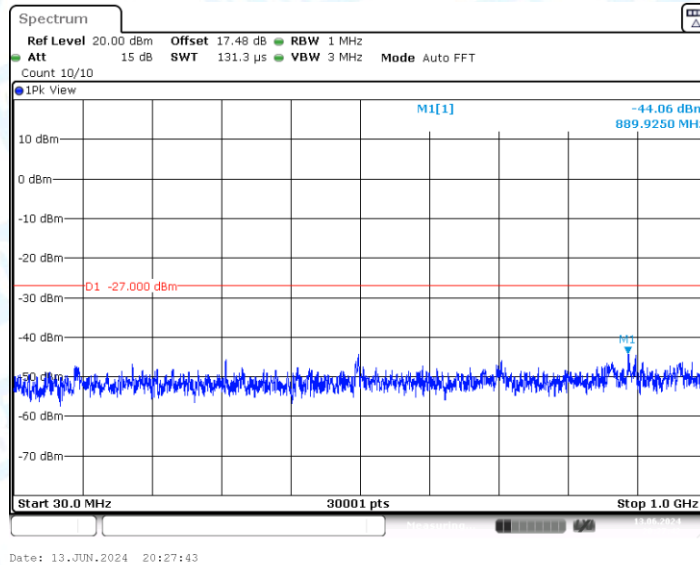




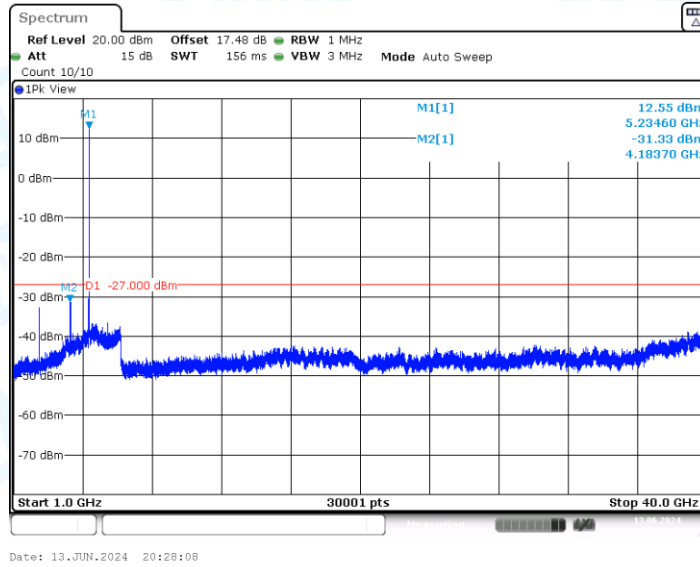
11A_Ant1_5200_1000~40000



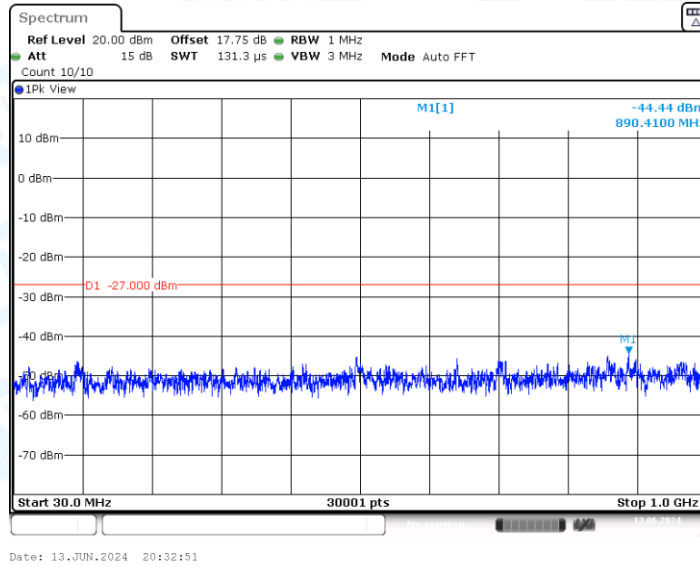
11A_Ant1_5240_30~1000



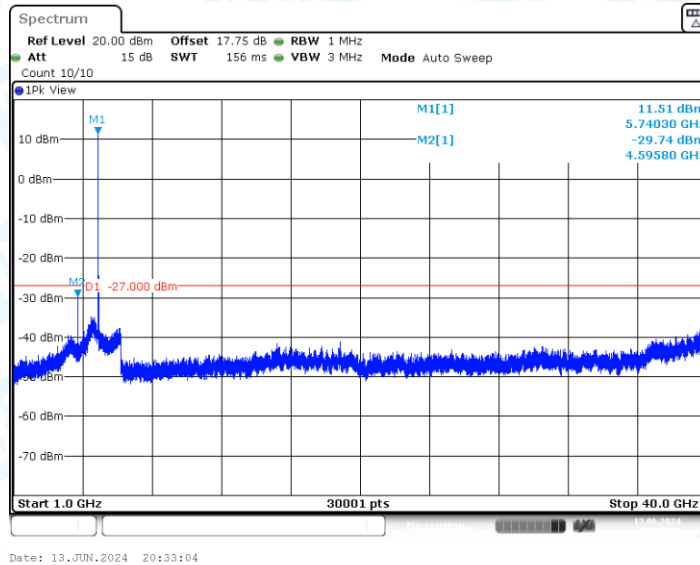
11A_Ant1_5240_1000~40000



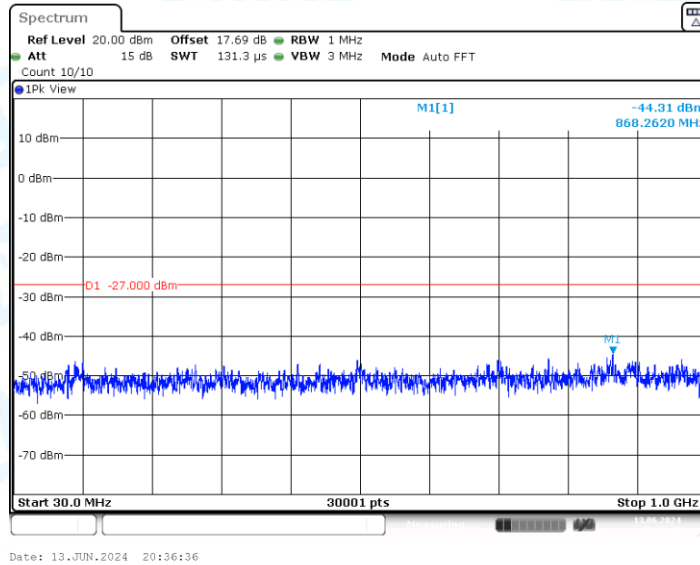
11A_Ant1_5745_30~1000



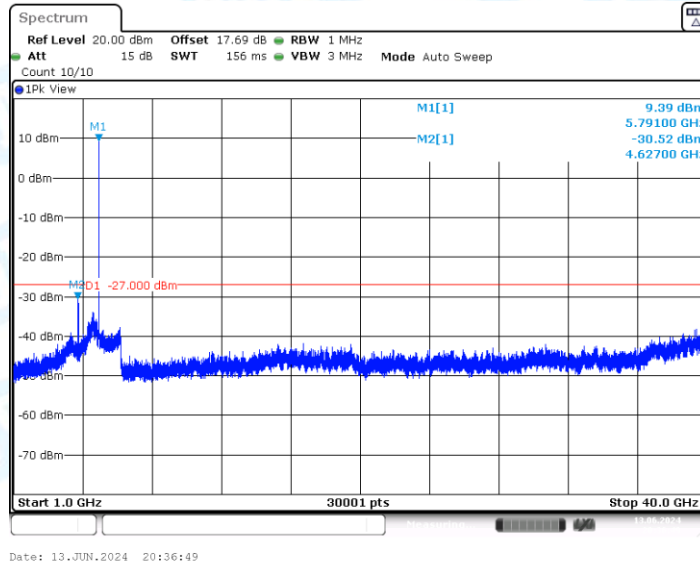
11A_Ant1_5745_1000~40000



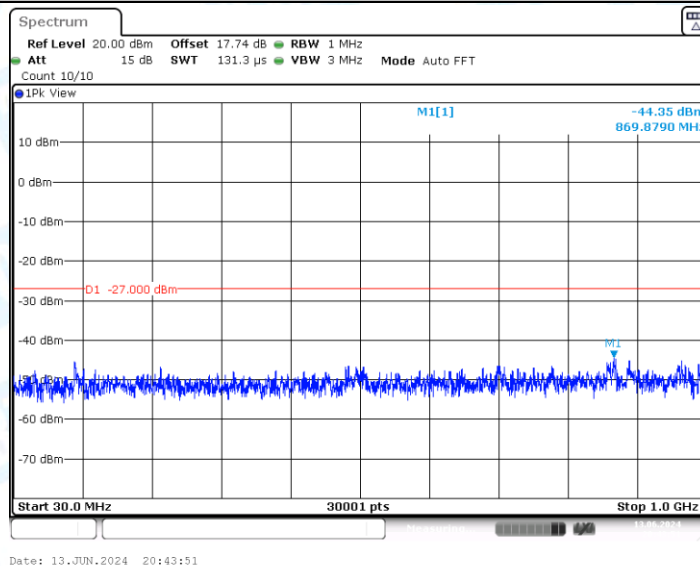
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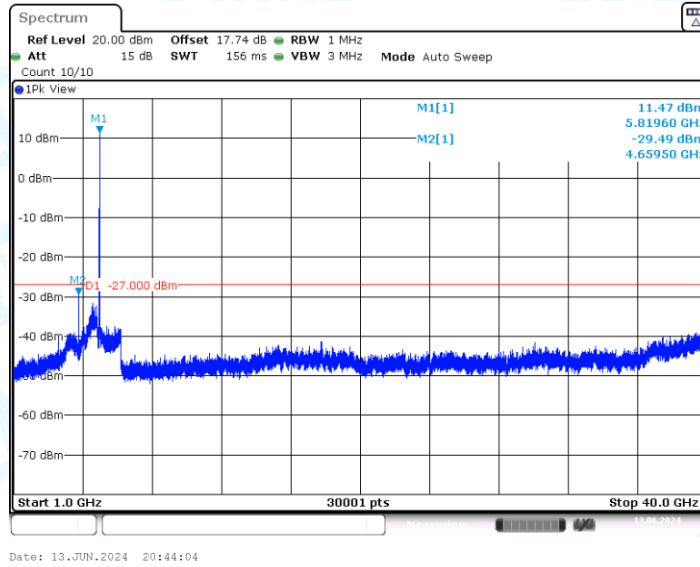
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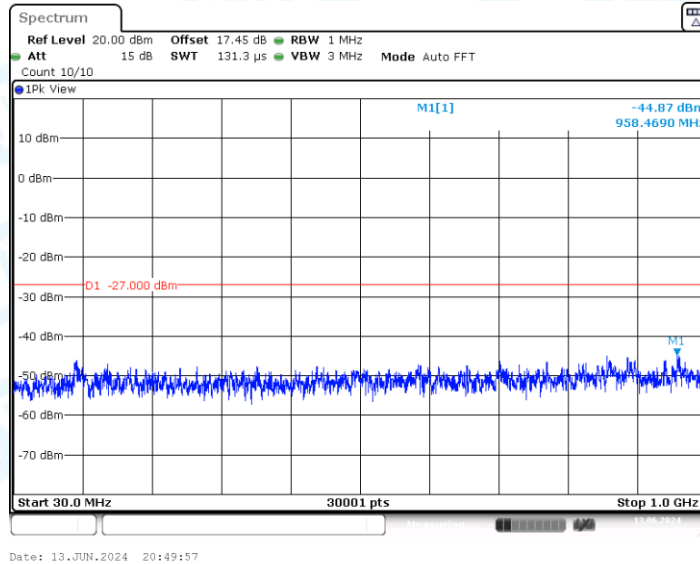
11A_Ant1_5825_30~1000



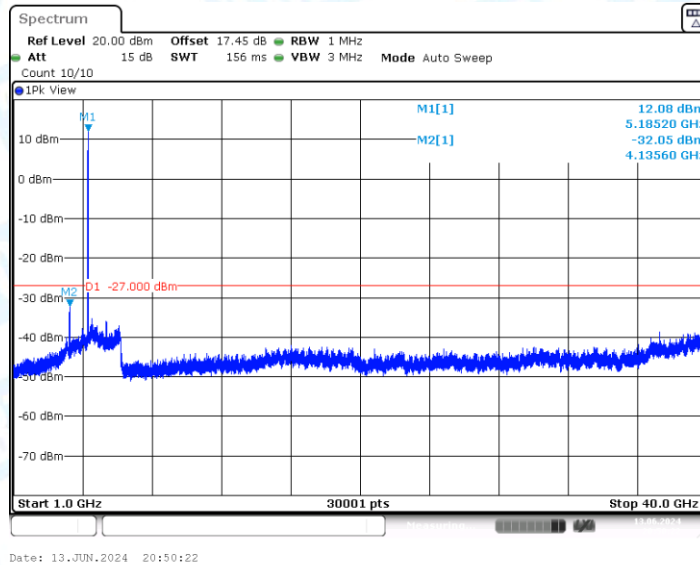
11A_Ant1_5825_1000~40000



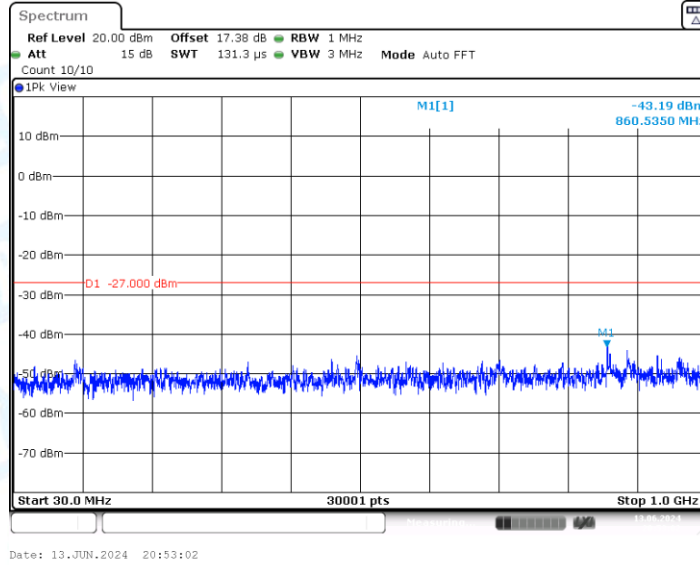
11N20SISO_Ant1_5180_30~1000



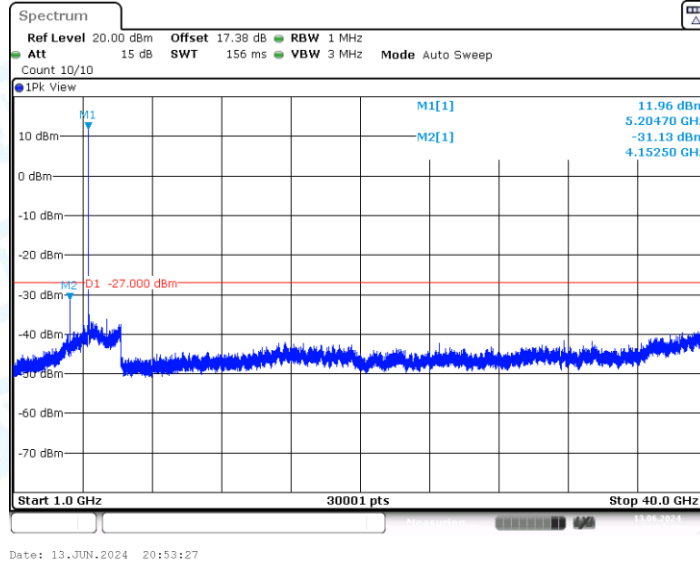
11N20SISO_Ant1_5180_1000~40000



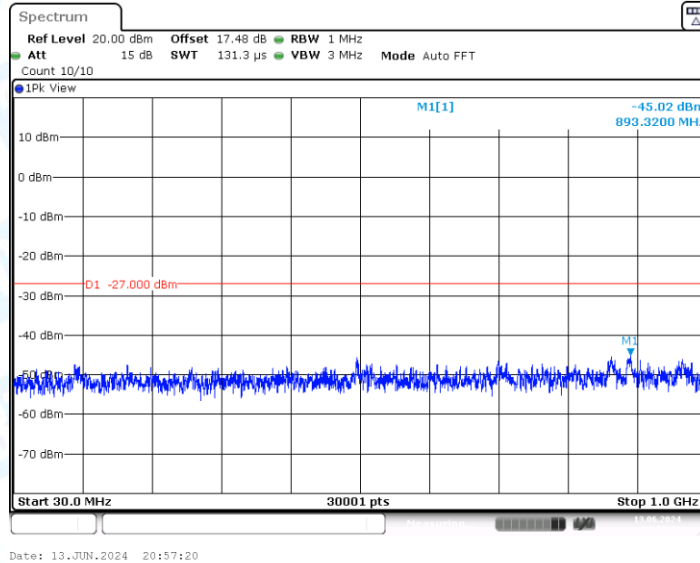
11N20SISO_Ant1_5200_30~1000



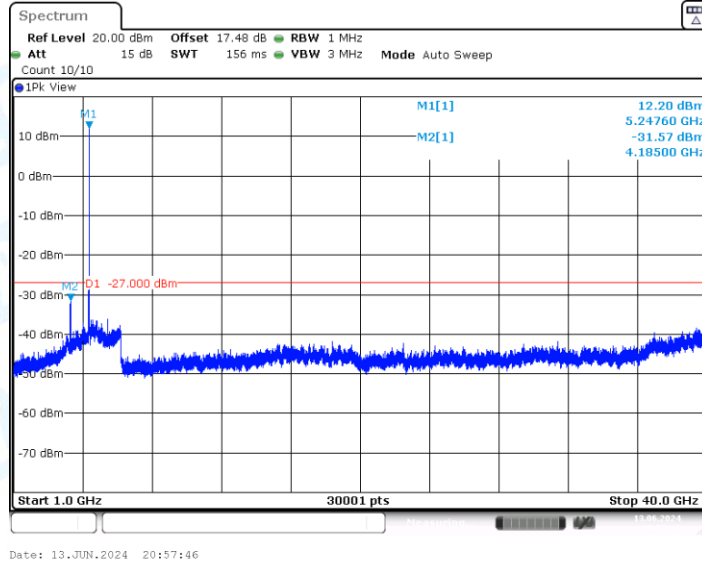
11N20SISO_Ant1_5200_1000~40000



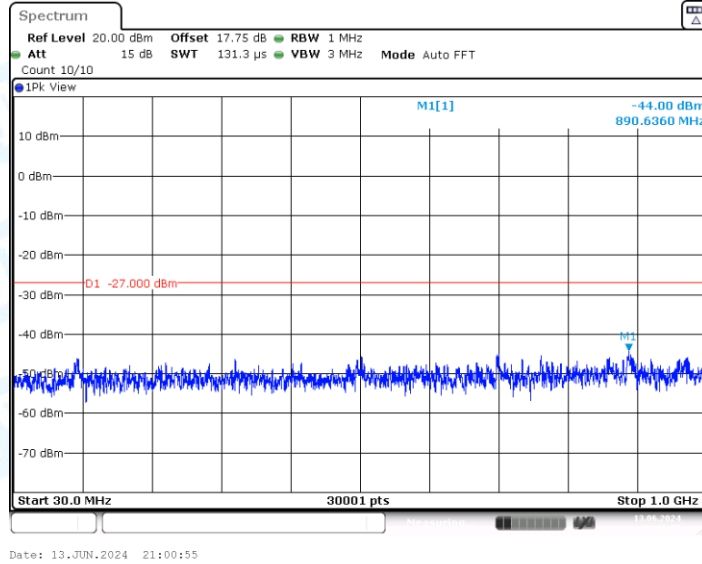
11N20SISO_Ant1_5240_30~1000



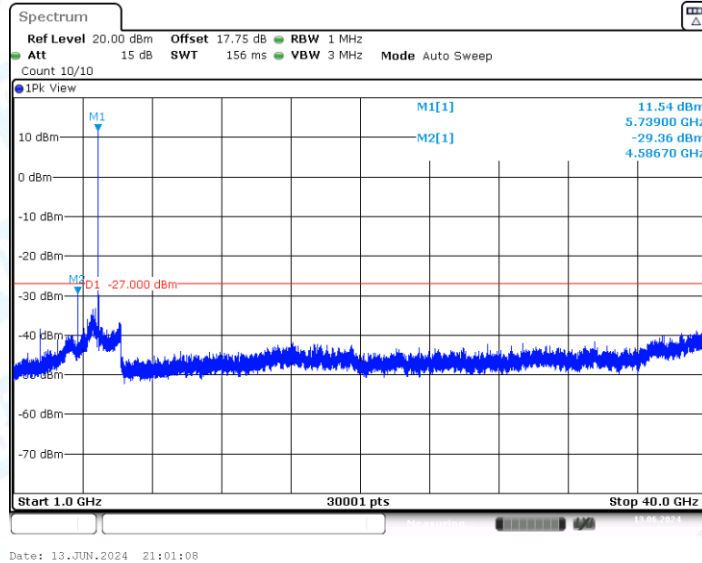
11N20SISO_Ant1_5240_1000~40000



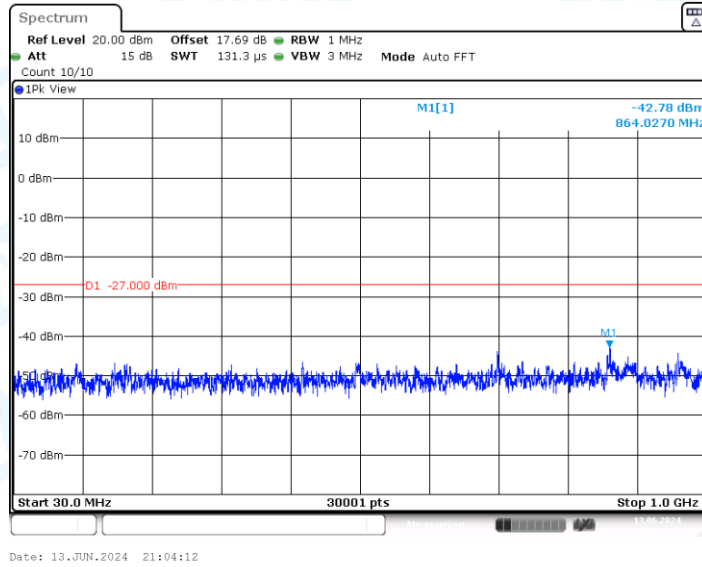
11N20SISO_Ant1_5745_30~1000



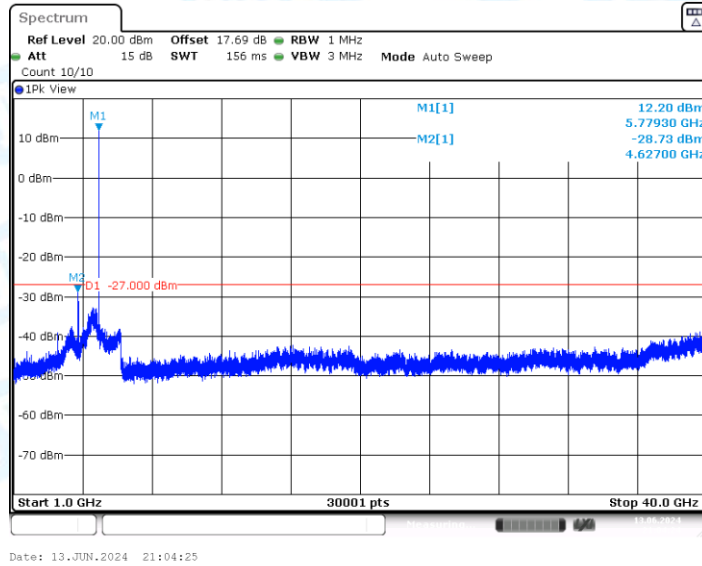
11N20SISO_Ant1_5745_1000~40000



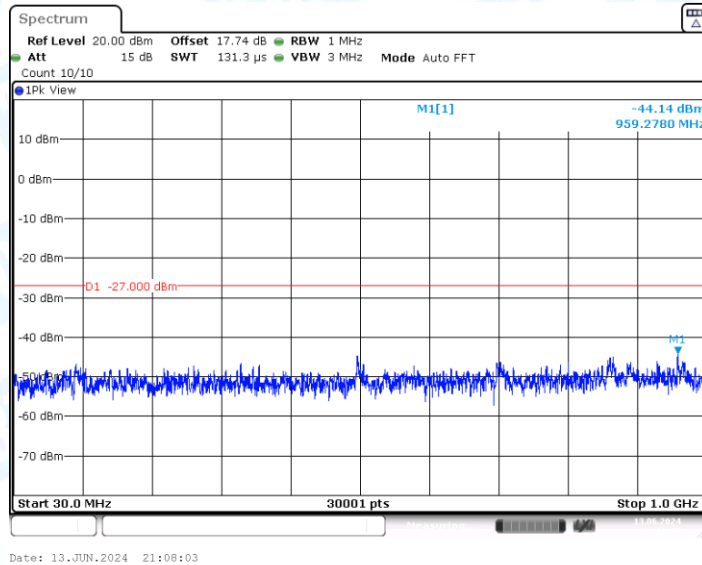
11N20SISO_Ant1_5785_30~1000



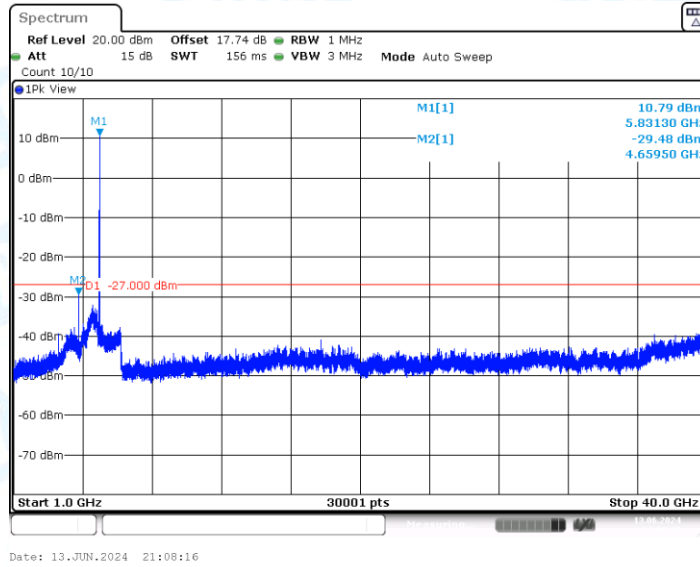
11N20SISO_Ant1_5785_1000~40000



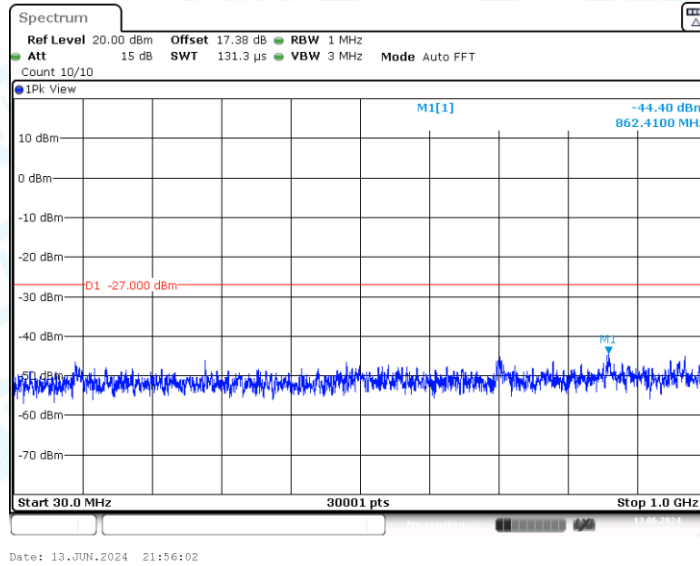
11N20SISO_Ant1_5825_30~1000



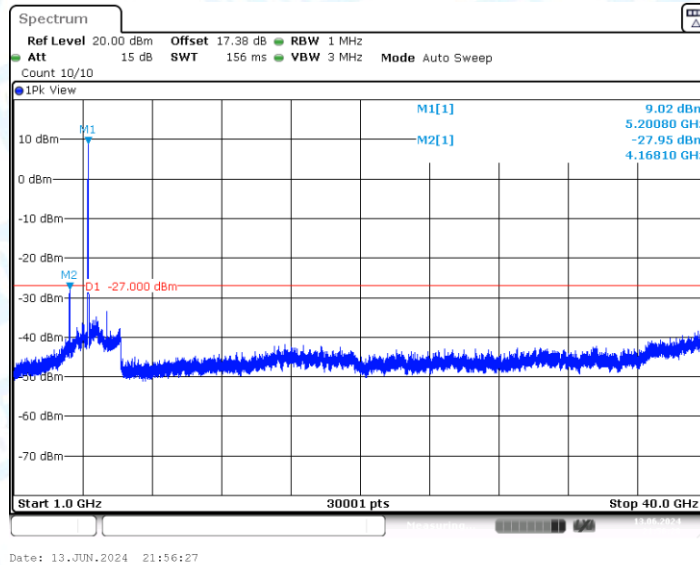
11N20SISO_Ant1_5825_1000~40000



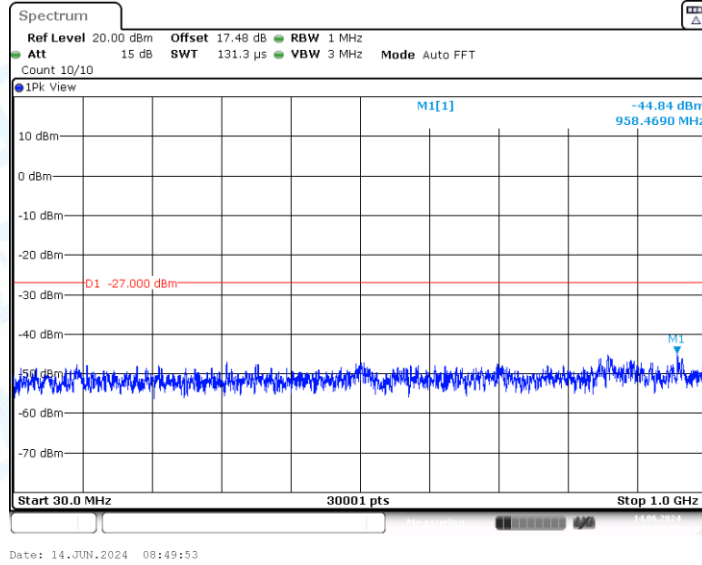
11N40SISO_Ant1_5190_30~1000



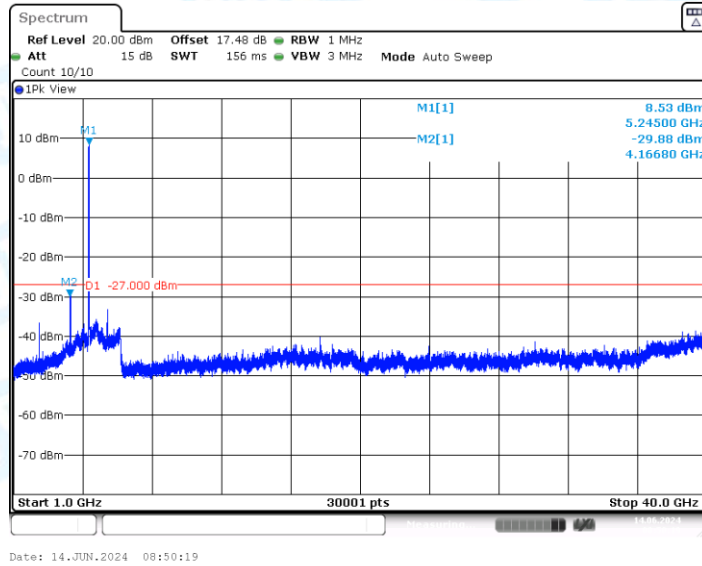
11N40SISO_Ant1_5190_1000~40000



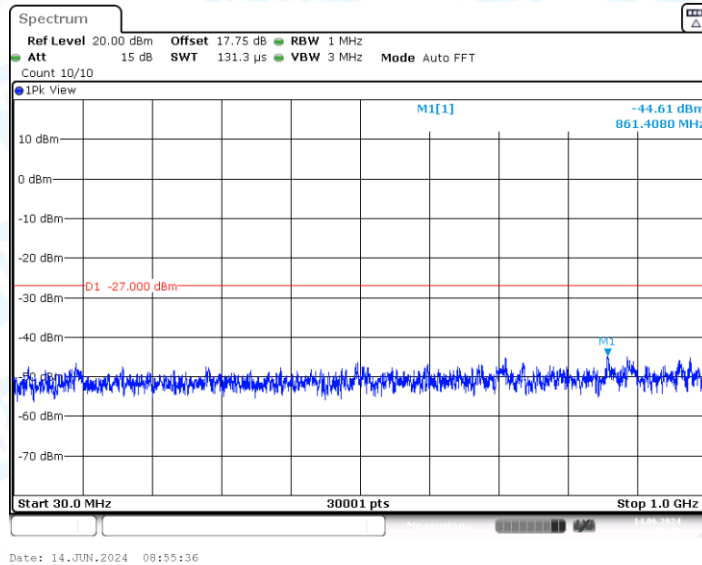
11N40SISO_Ant1_5230_30~1000



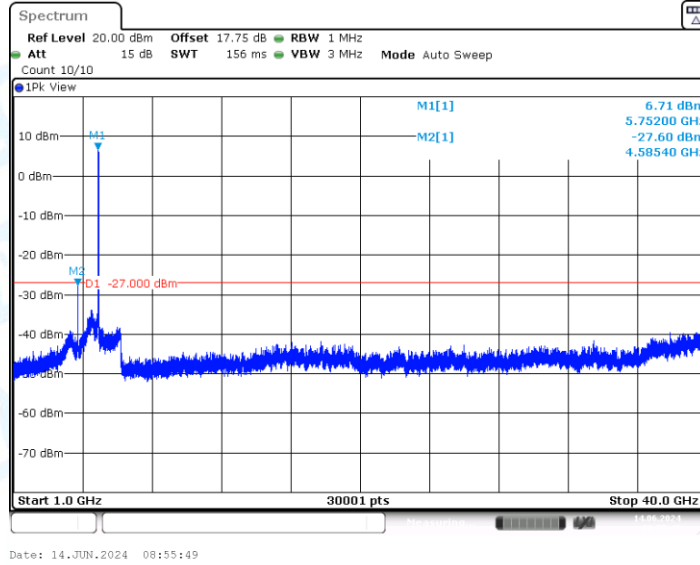
11N40SISO_Ant1_5230_1000~40000



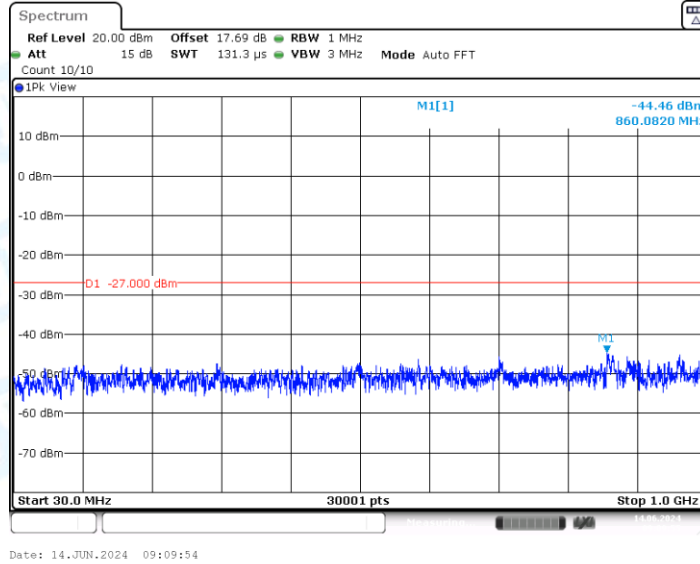
11N40SISO_Ant1_5755_30~1000



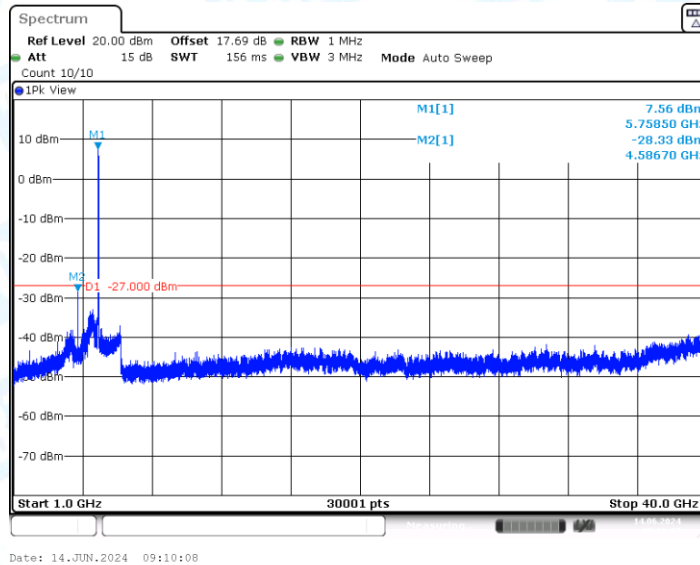
11N40SISO_Ant1_5755_1000~40000



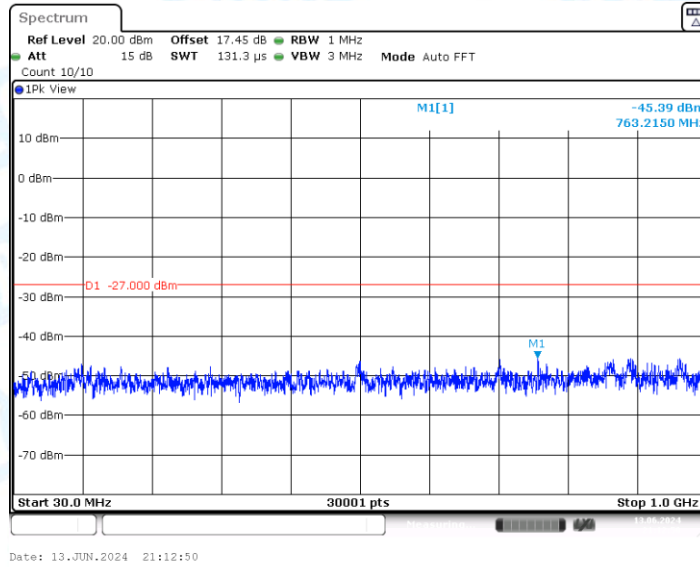
11N40SISO_Ant1_5795_30~1000



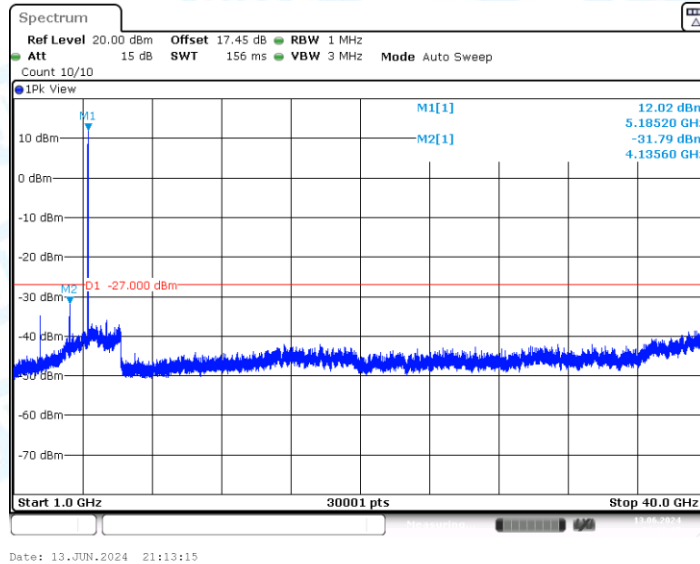
11N40SISO_Ant1_5795_1000~40000



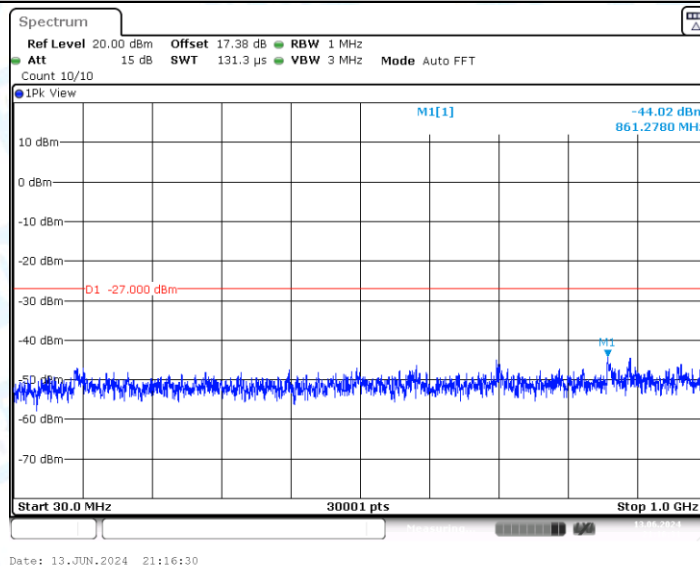
11AC20SISO_Ant1_5180_30~1000



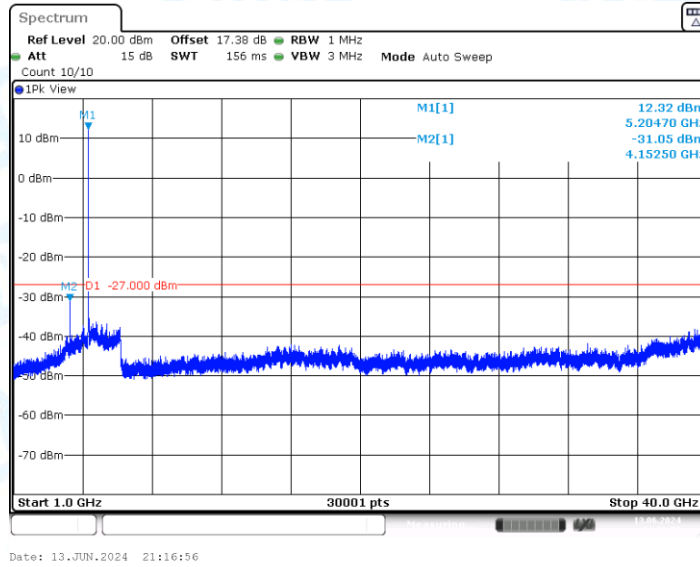
11AC20SISO_Ant1_5180_1000~40000



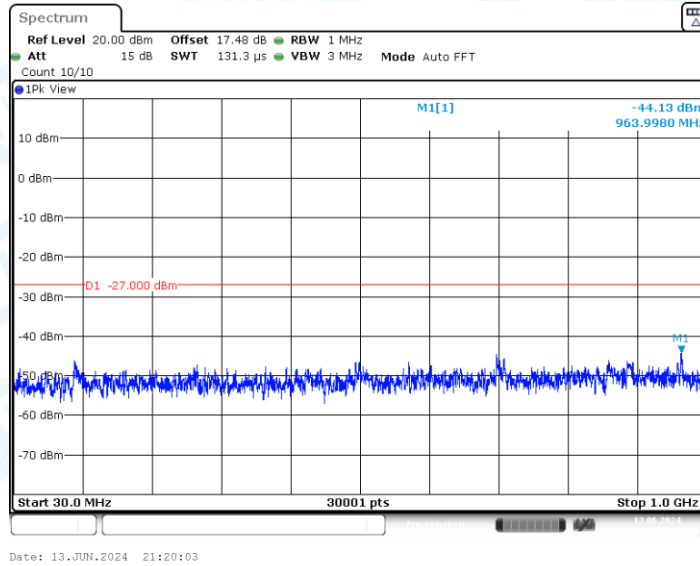
11AC20SISO_Ant1_5200_30~1000



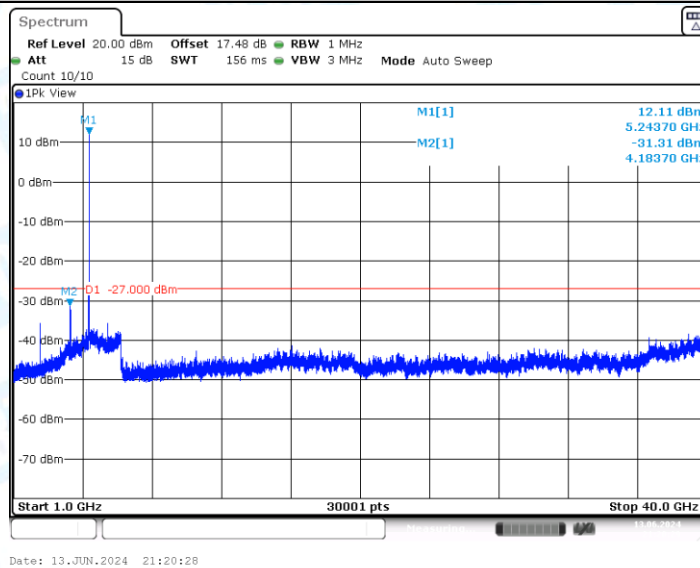
11AC20SISO_Ant1_5200_1000~40000



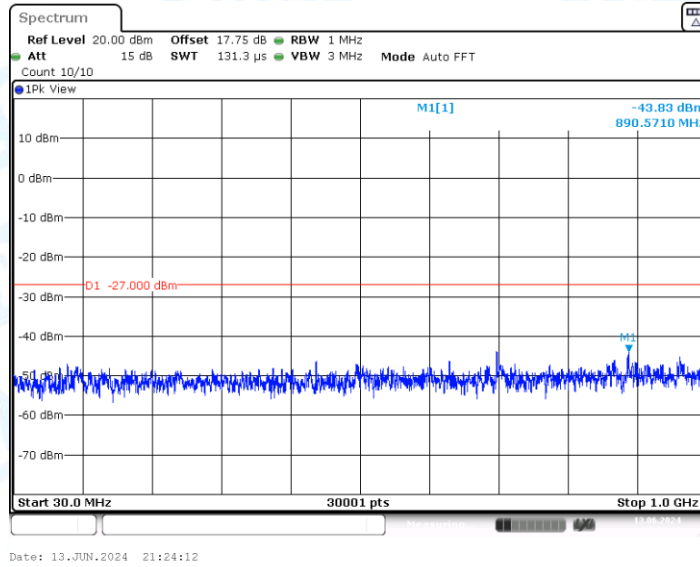
11AC20SISO_Ant1_5240_30~1000



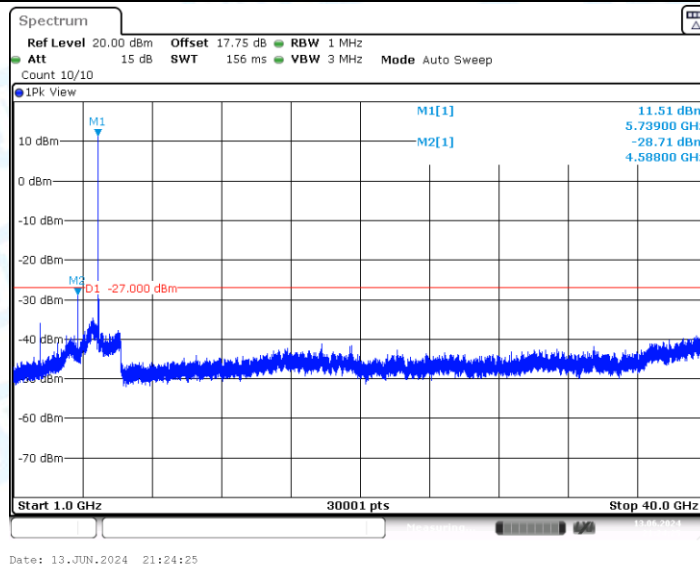
11AC20SISO_Ant1_5240_1000~40000



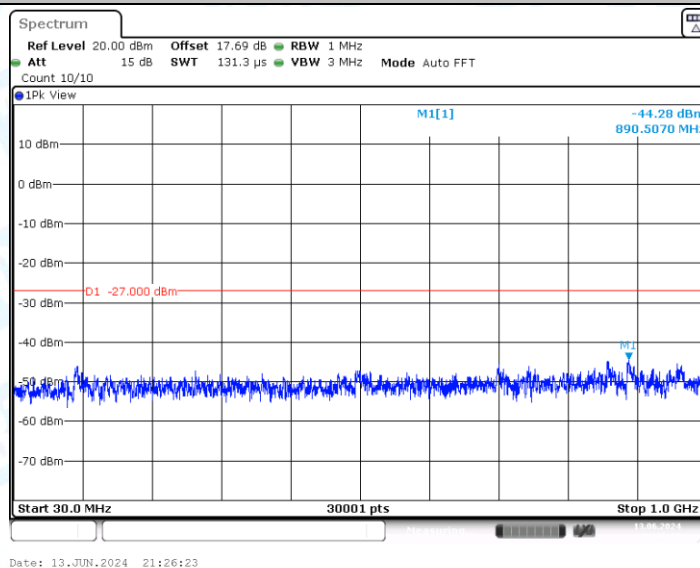
11AC20SISO_Ant1_5745_30~1000



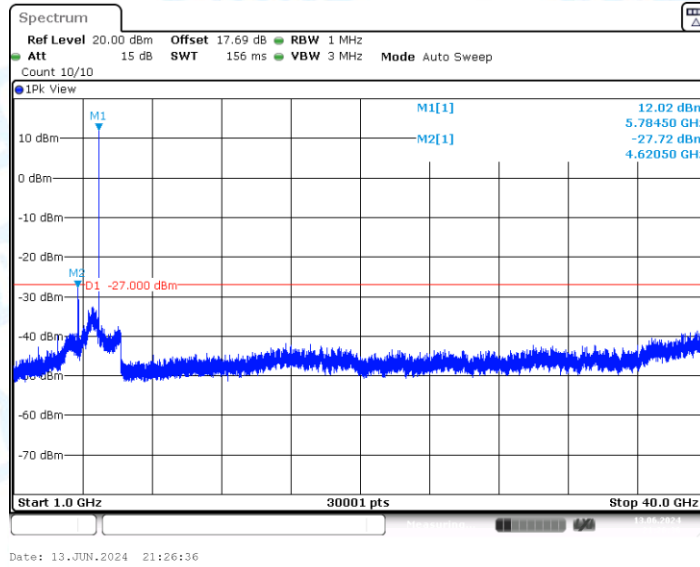
11AC20SISO_Ant1_5745_1000~40000



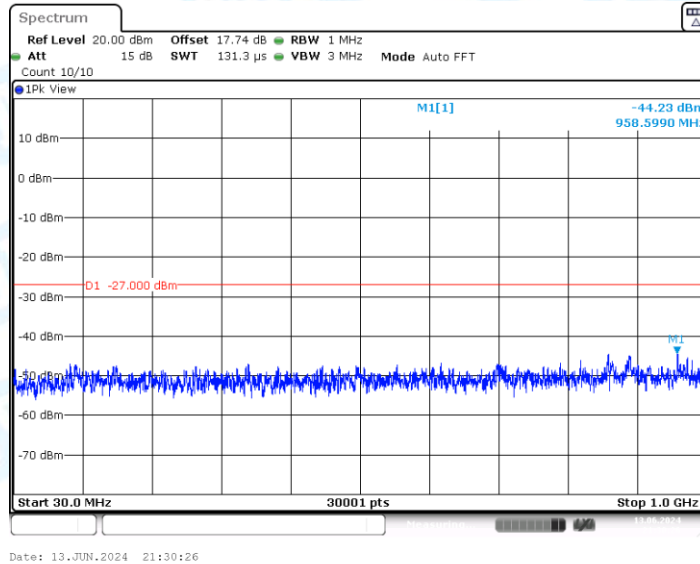
11AC20SISO_Ant1_5785_30~1000



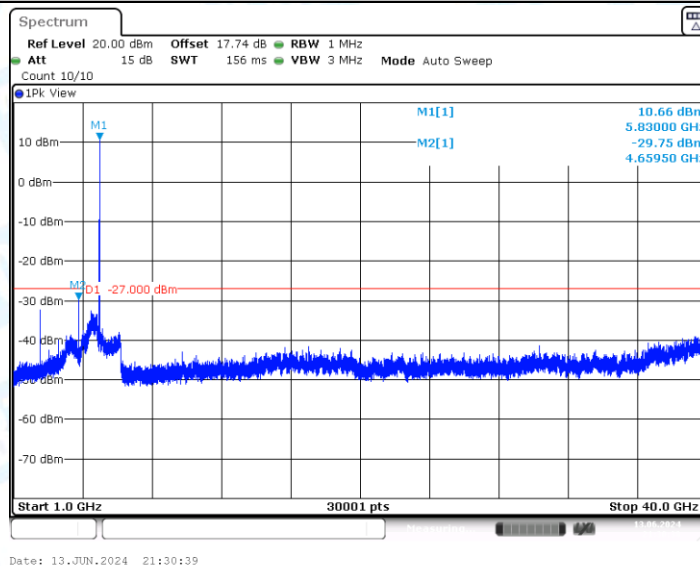
11AC20SISO_Ant1_5785_1000~40000



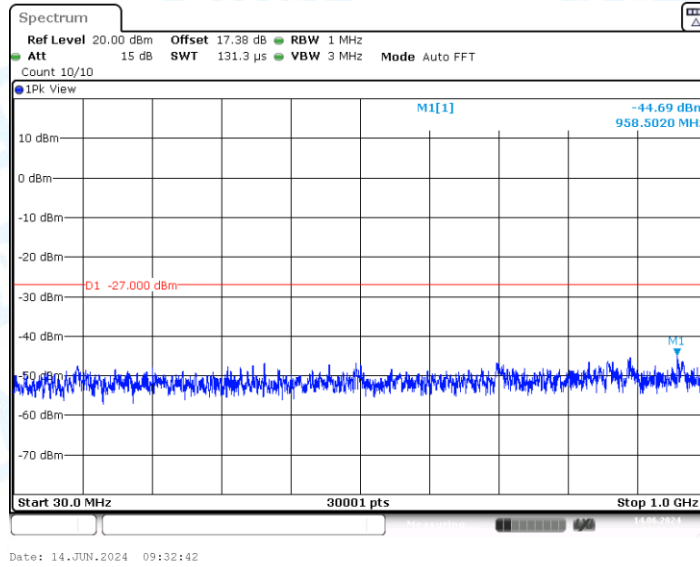
11AC20SISO_Ant1_5825_30~1000



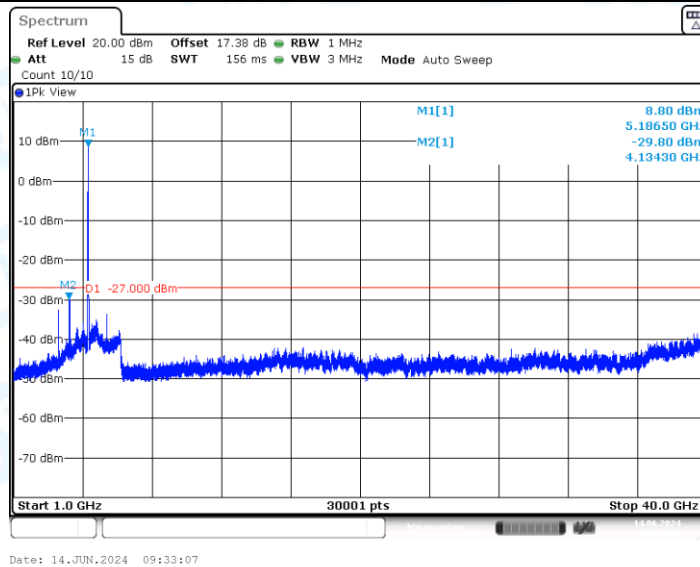
11AC20SISO_Ant1_5825_1000~40000



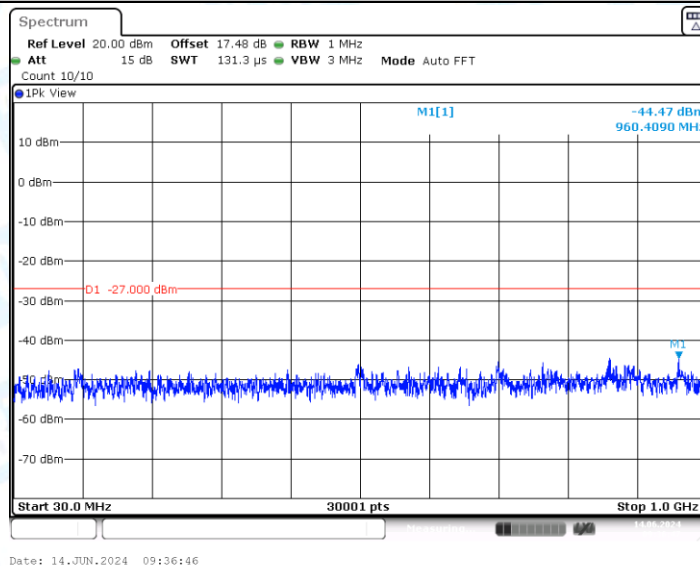
11AC40SISO_Ant1_5190_30~1000



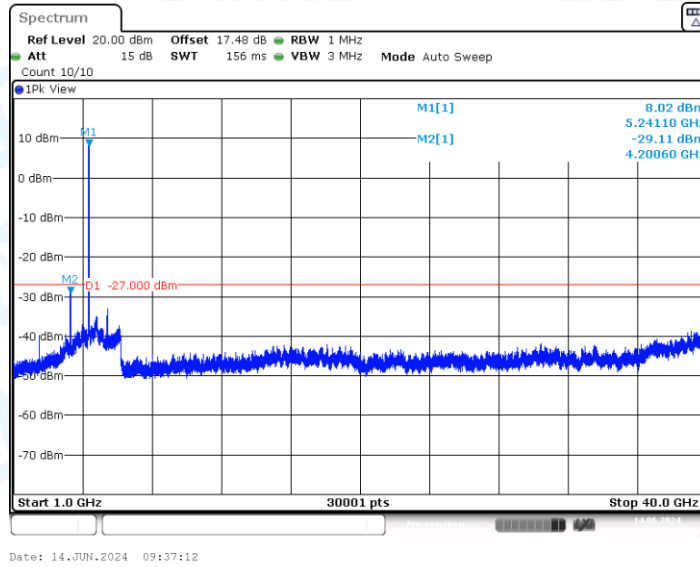
11AC40SISO_Ant1_5190_1000~40000



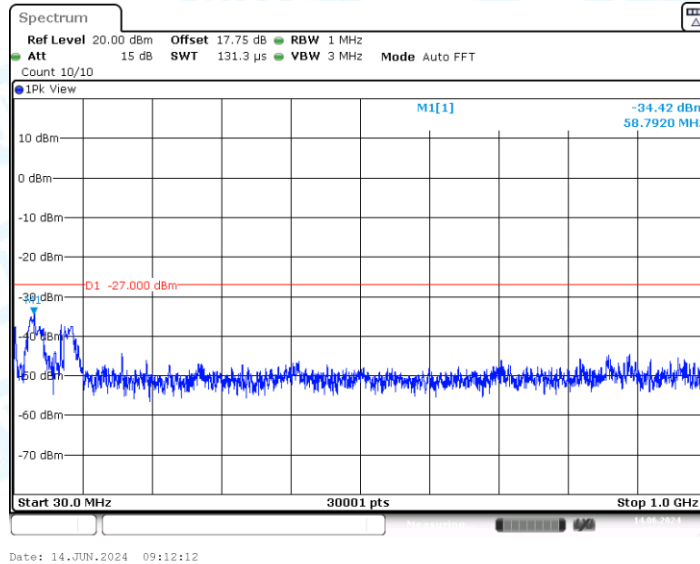
11AC40SISO_Ant1_5230_30~1000



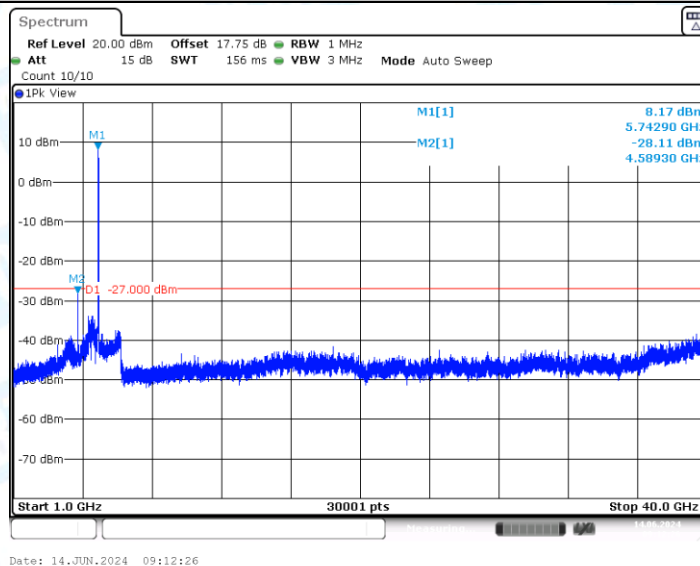
11AC40SISO_Ant1_5230_1000~40000



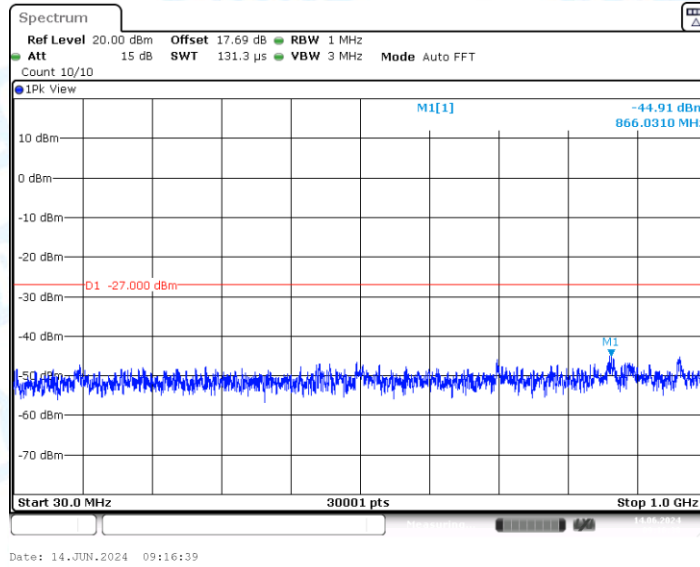
11AC40SISO_Ant1_5755_30~1000



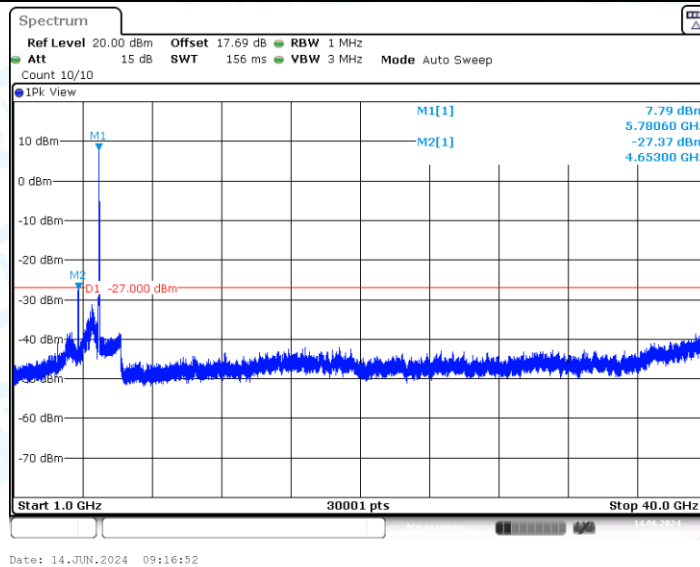
11AC40SISO_Ant1_5755_1000~40000



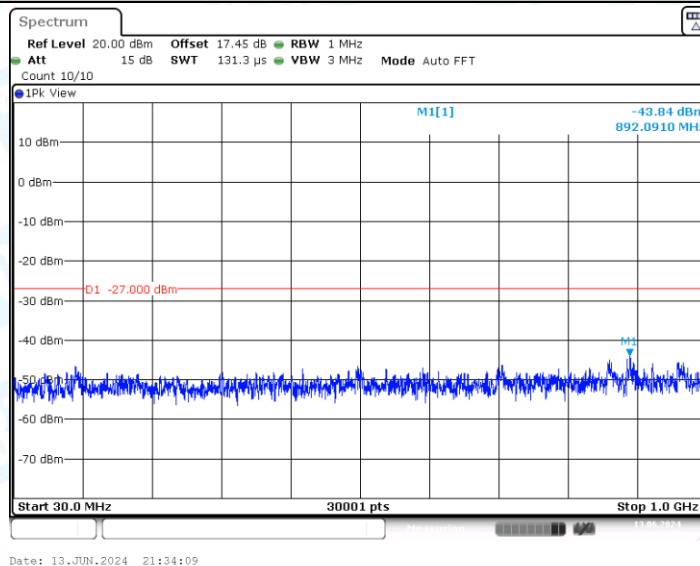
11AC40SISO_Ant1_5795_30~1000



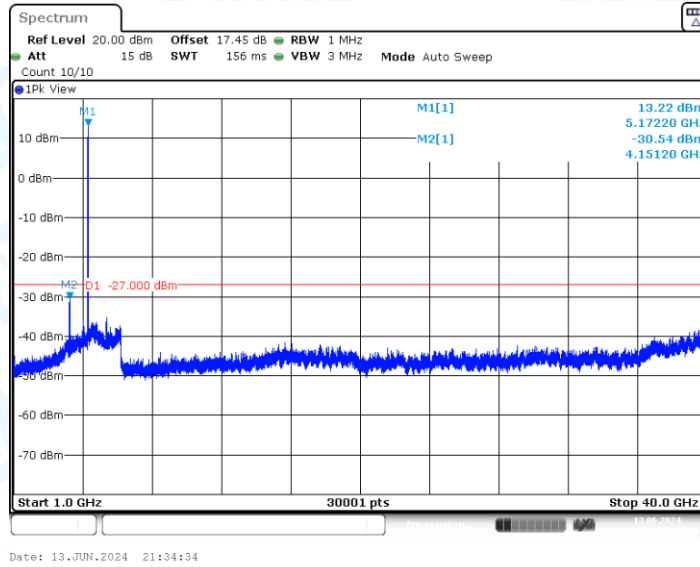
11AC40SISO_Ant1_5795_1000~40000



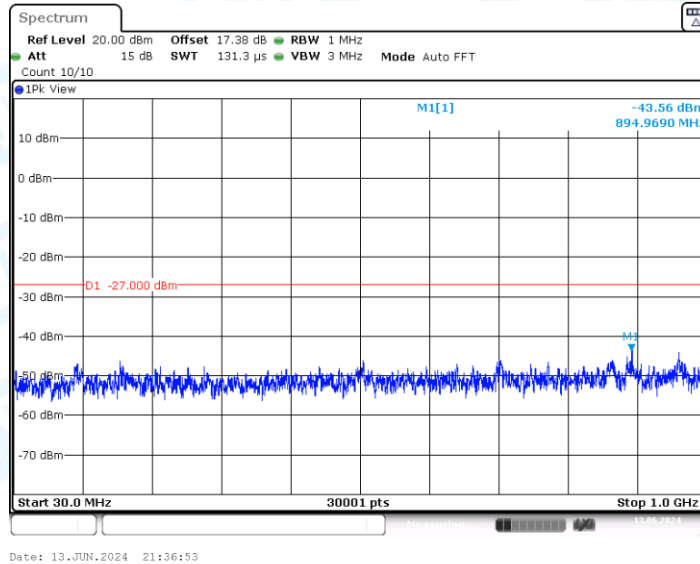
11AX20SISO_Ant1_5180_30~1000



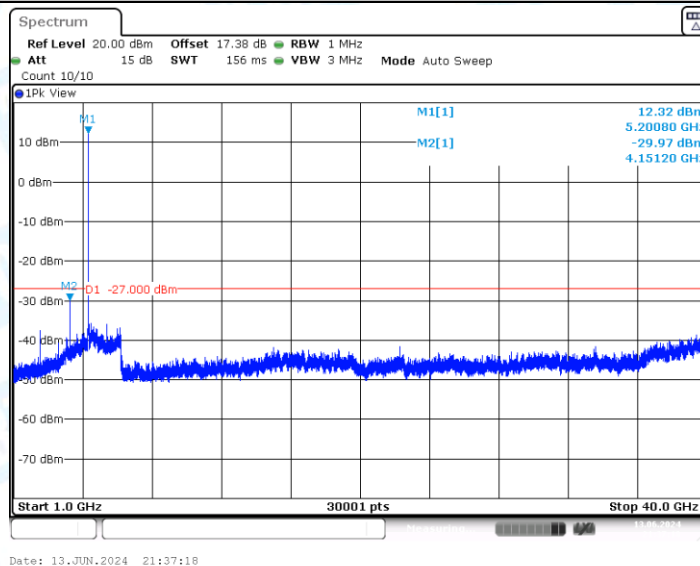
11AX20SISO_Ant1_5180_1000~40000



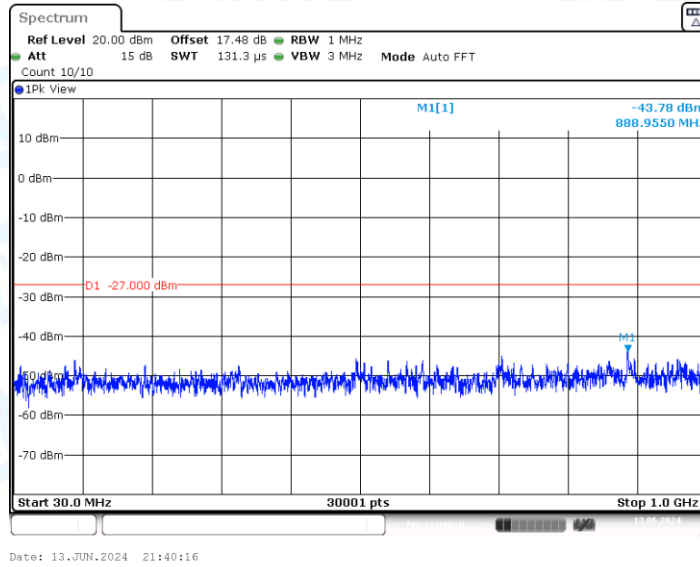
11AX20SISO_Ant1_5200_30~1000



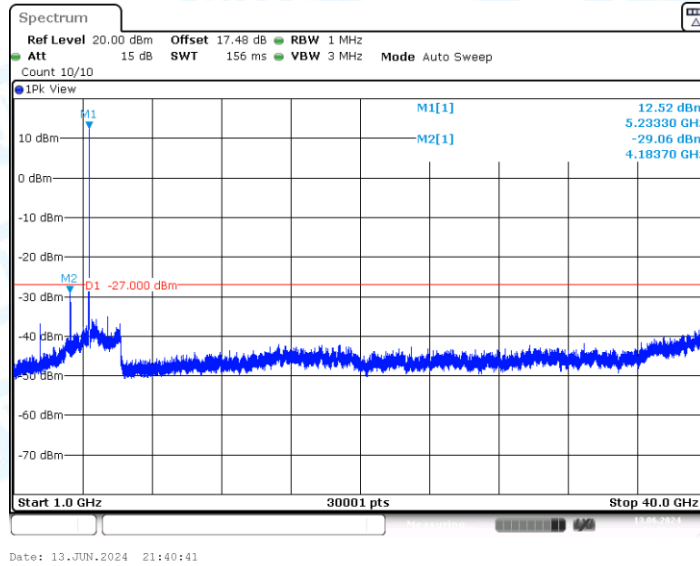
11AX20SISO_Ant1_5200_1000~40000



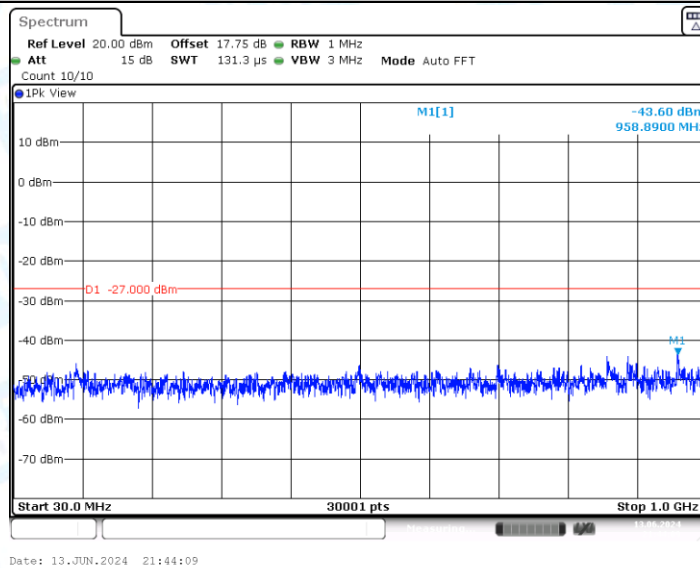
11AX20SISO_Ant1_5240_30~1000



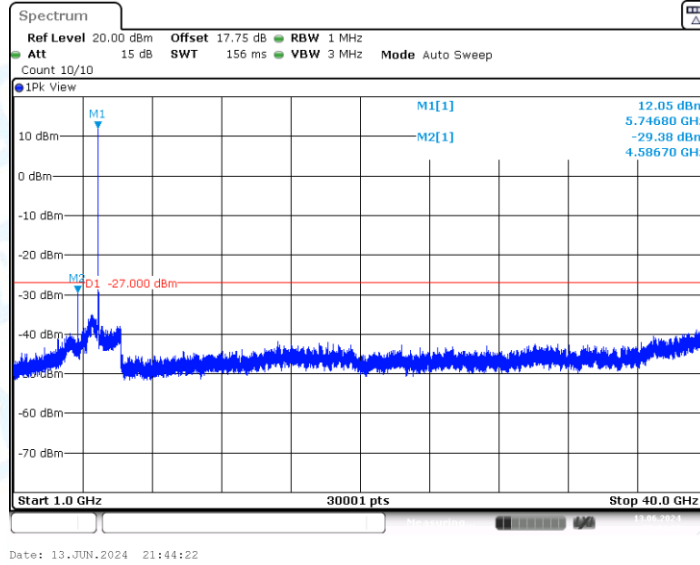
11AX20SISO_Ant1_5240_1000~40000



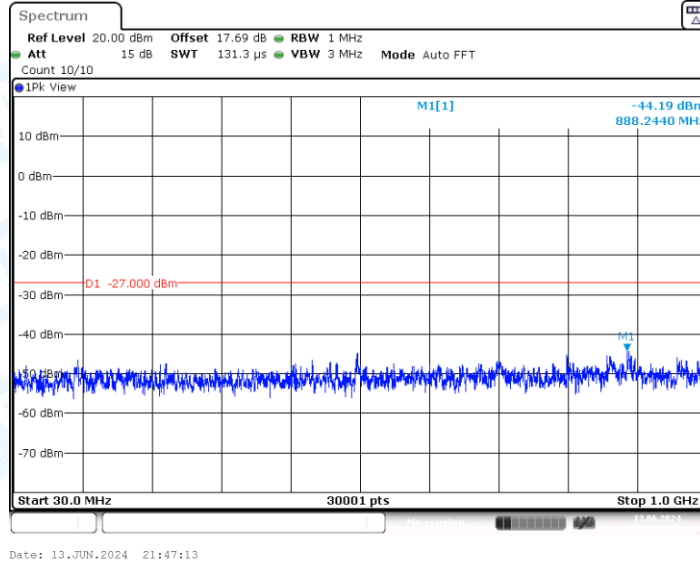
11AX20SISO_Ant1_5745_30~1000



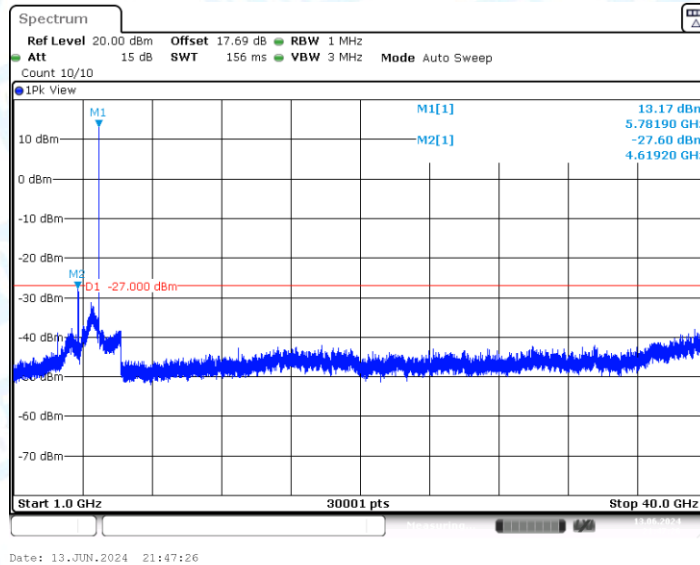
11AX20SISO_Ant1_5745_1000~40000



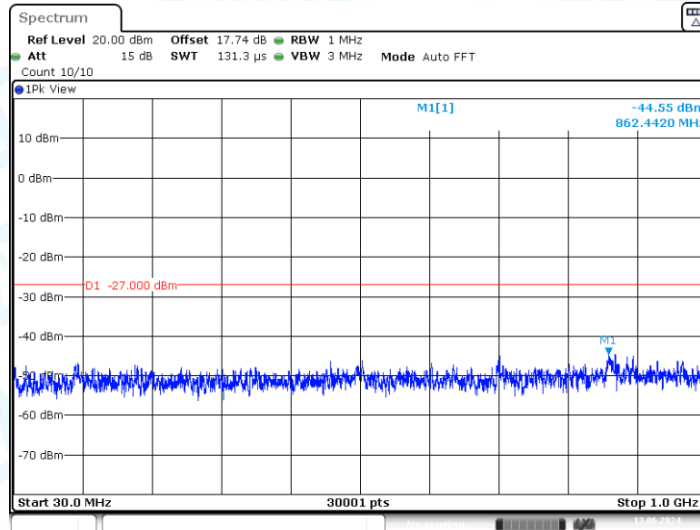
11AX20SISO_Ant1_5785_30~1000



11AX20SISO_Ant1_5785_1000~40000

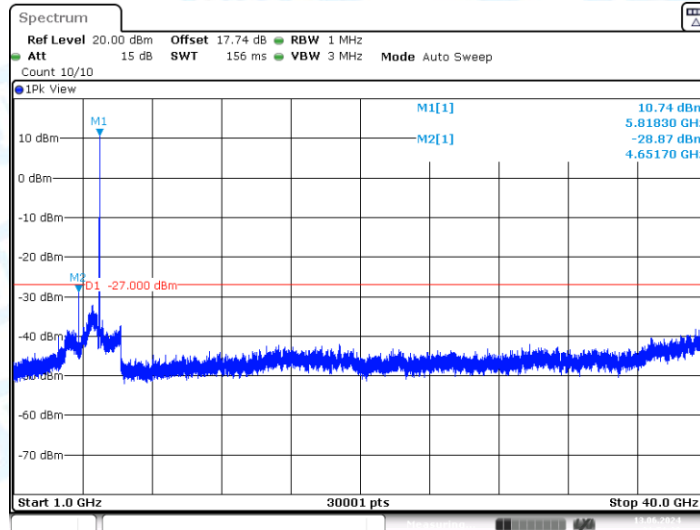


11AX20SISO_Ant1_5825_30~1000



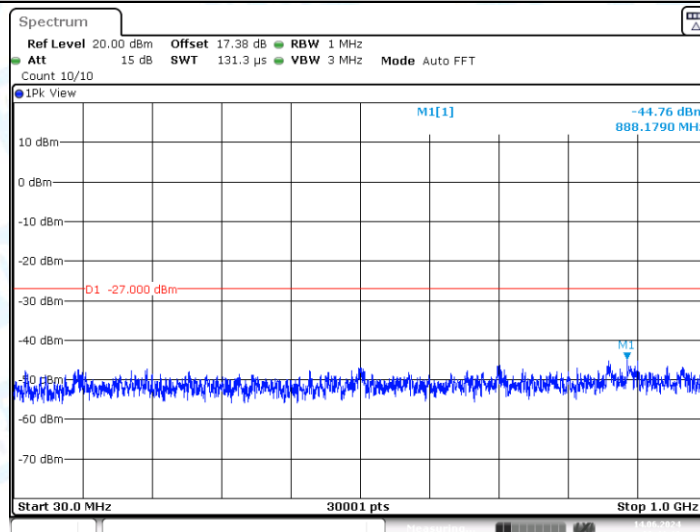
Date: 13.JUN.2024 21:51:25

11AX20SISO_Ant1_5825_1000~40000



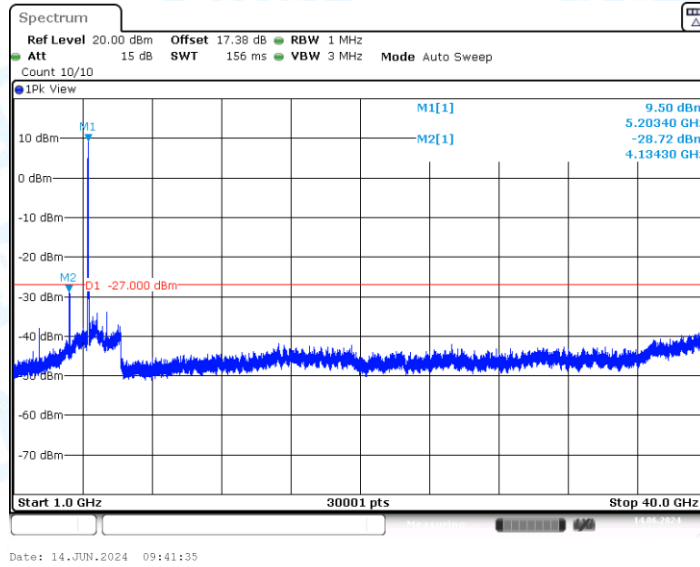
Date: 13.JUN.2024 21:51:38

11AX40SISO_Ant1_5190_30~1000

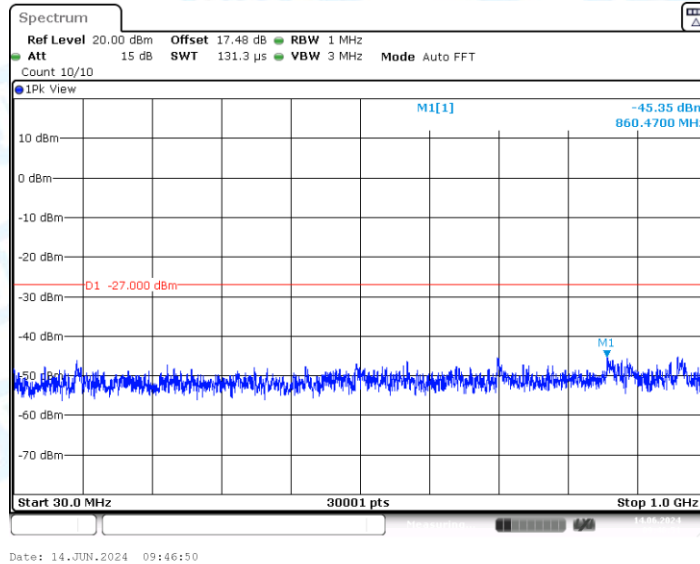


Date: 14.JUN.2024 09:41:10

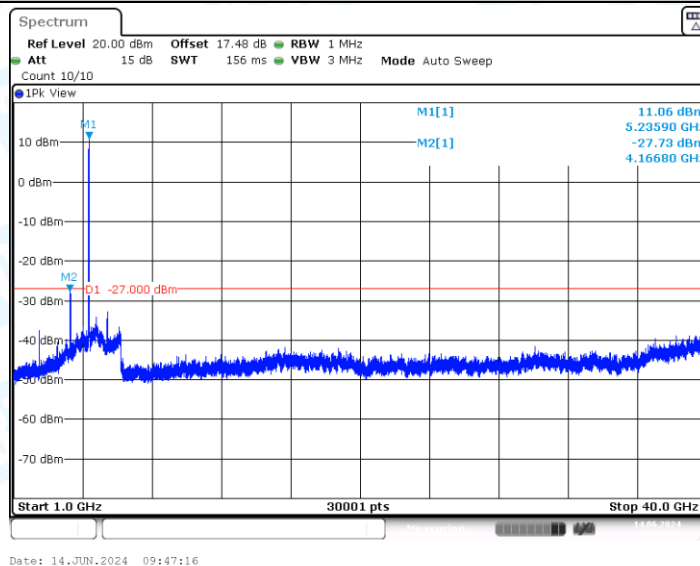
11AX40SISO_Ant1_5190_1000~40000



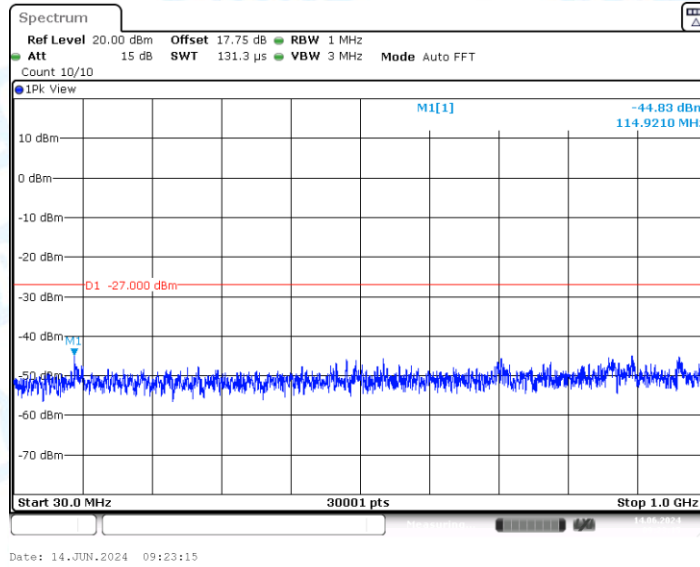
11AX40SISO_Ant1_5230_30~1000



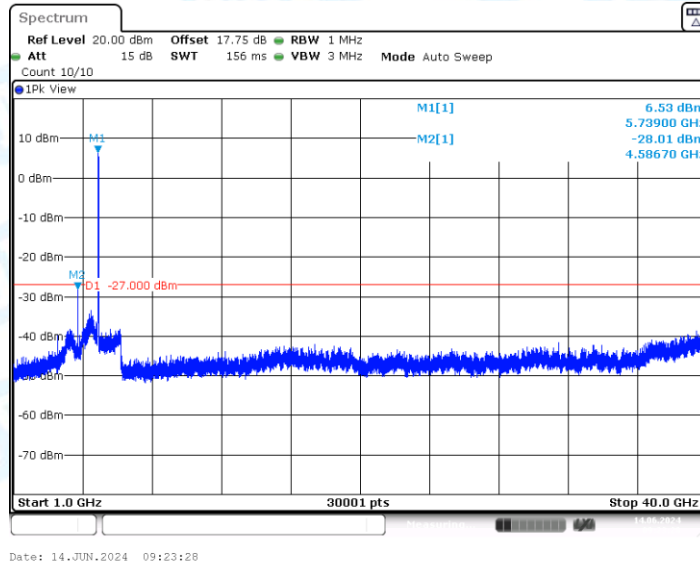
11AX40SISO_Ant1_5230_1000~40000



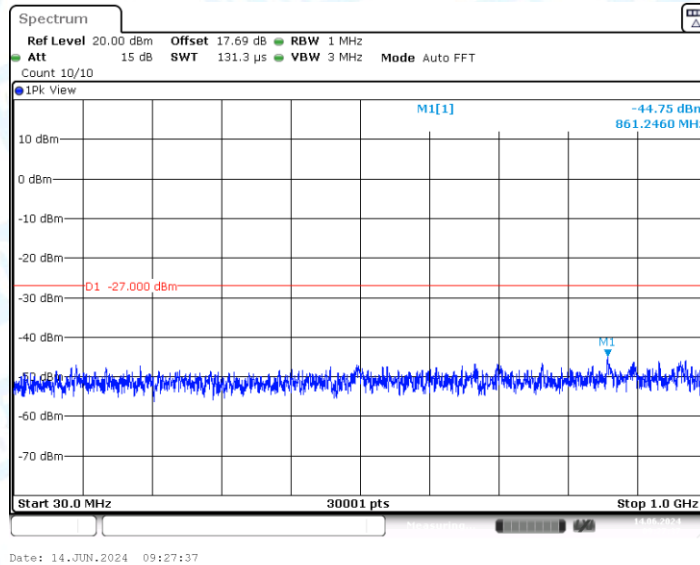
11AX40SISO_Ant1_5755_30~1000



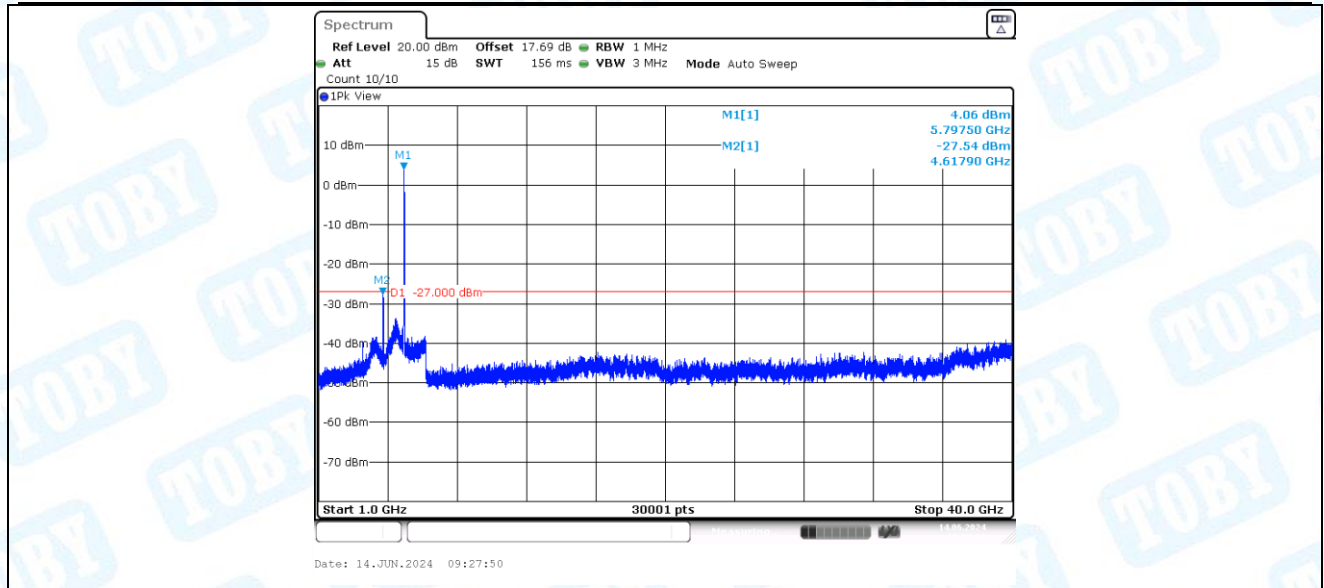
11AX40SISO_Ant1_5755_1000~40000



11AX40SISO_Ant1_5795_30~1000



11AX40SISO_Ant1_5795_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	-20000.00	-3.861004	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5200	NV	NT	-40000.00	-7.692308	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-20000.00	-3.816794	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	-20000.00	-3.481288	20	PASS
		5785	NV	NT	-40000.00	-6.914434	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
11N40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	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	-40000.00	-7.648184	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5755	NV	NT	-80000.00	-13.900956	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	-80000.00	-13.805004	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS

Temperature								
TestMode	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	-20000.00	-3.861004	20	PASS
			NV	20	-40000.00	-7.722008	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS

			NV	45	-40000.00	-7.722008	20	PASS
			NV	0	-40000.00	-7.692308	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	45	-20000.00	-3.846154	20	PASS
		5240	NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	45	-20000.00	-3.816794	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	-60000.00	-10.371651	20	PASS
			NV	10	-40000.00	-6.914434	20	PASS
			NV	20	-20000.00	-3.457217	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
			NV	45	-20000.00	-3.457217	20	PASS
		5825	NV	0	-20000.00	-3.433476	20	PASS
			NV	10	-40000.00	-6.866953	20	PASS
			NV	20	-40000.00	-6.866953	20	PASS
			NV	30	-20000.00	-3.433476	20	PASS
			NV	45	-20000.00	-3.433476	20	PASS
11N40SISO	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	45	-40000.00	-7.707129	20	PASS
		5230	NV	0	-40000.00	-7.648184	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	-40000.00	-7.648184	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	-80000.00	-13.900956	20	PASS
		5795	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	-80000.00	-13.805004	20	PASS

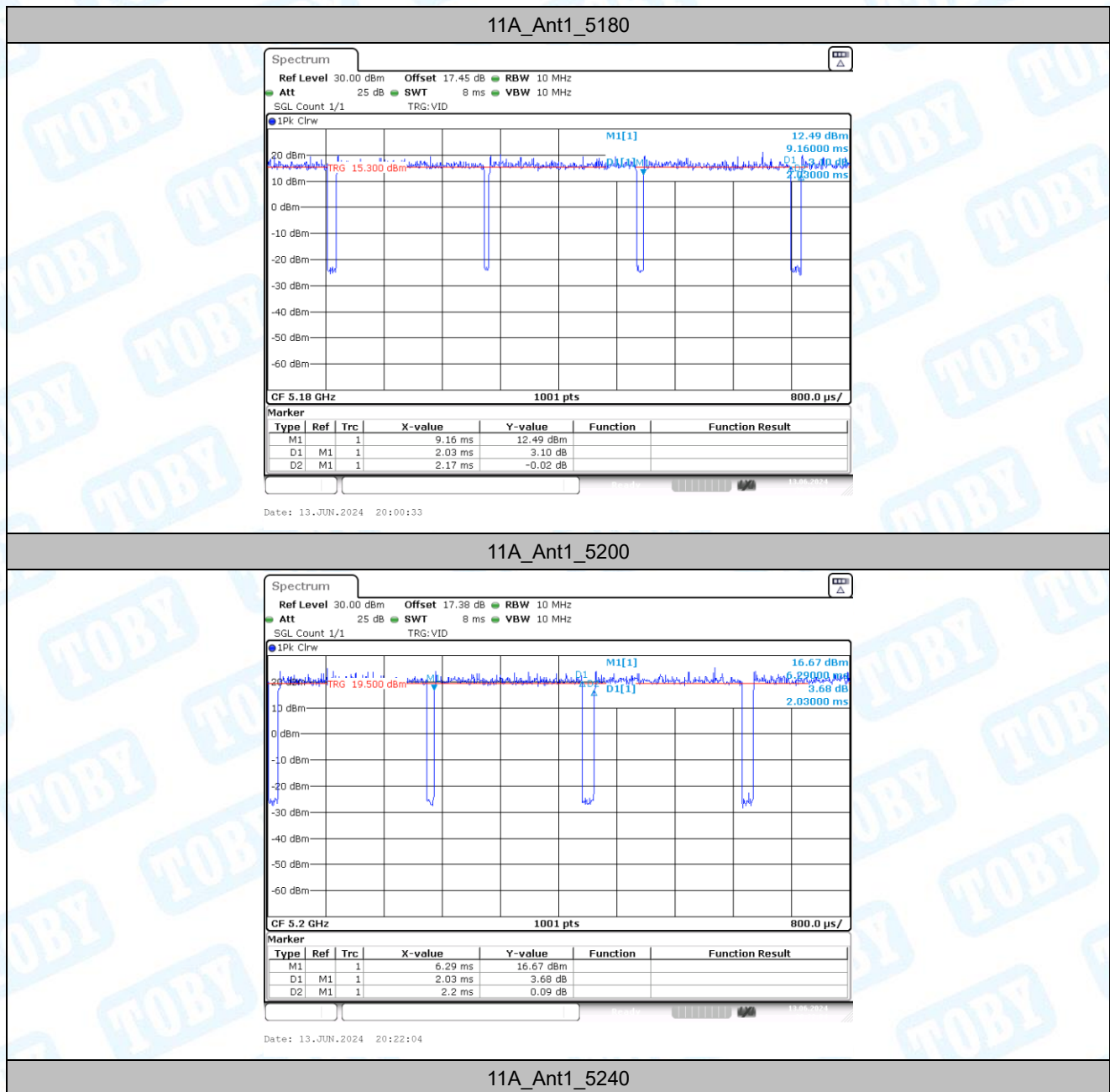
			NV	45	-40000.00	-6.902502	20	PASS
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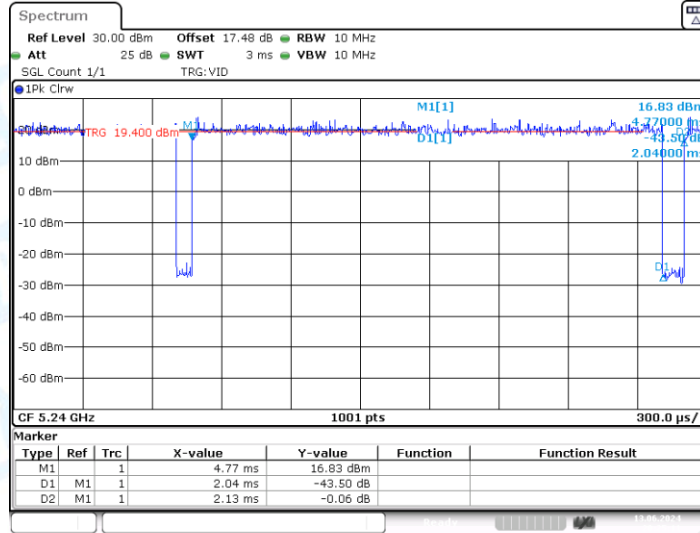
10. Duty Cycle

10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11A	Ant1	5180	2.03	2.17	93.55	0.01	---	---
		5200	2.03	2.20	92.27	0.01	---	---
		5240	2.04	2.13	95.77	0.01	---	---
		5745	2.04	2.17	94.01	0.01	---	---
		5785	2.04	2.18	93.58	0.01	---	---
		5825	2.03	2.17	93.55	0.01	---	---
11N20SISO	Ant1	5180	1.90	2.07	91.79	0.01	---	---
		5200	1.89	2.06	91.75	0.01	---	---
		5240	1.90	1.94	97.94	0.01	---	---
		5745	1.89	2.06	91.75	0.01	---	---
		5785	1.88	1.96	95.92	0.01	---	---
		5825	1.89	2.00	94.50	0.01	---	---
11N40SISO	Ant1	5190	0.93	1.08	86.11	0.01	---	---
		5230	0.94	1.11	84.68	0.01	---	---
		5755	0.93	1.04	89.42	0.01	---	---
		5795	0.93	1.13	82.30	0.01	---	---
11AC20SISO	Ant1	5180	1.90	1.95	97.44	0.01	---	---
		5200	1.90	2.04	93.14	0.01	---	---
		5240	1.90	2.04	93.14	0.01	---	---
		5745	1.90	2.04	93.14	0.01	---	---
		5785	1.89	2.04	92.65	0.01	---	---
		5825	1.90	2.03	93.60	0.01	---	---
11AC40SISO	Ant1	5190	0.93	0.97	95.88	0.01	---	---
		5230	0.94	1.11	84.68	0.01	---	---
		5755	0.94	1.09	86.24	0.01	---	---
		5795	0.93	1.05	88.57	0.01	---	---
11AX20SISO	Ant1	5180	1.46	1.54	94.81	0.01	---	---
		5200	1.46	1.57	92.99	0.01	---	---
		5240	1.45	1.62	89.51	0.01	---	---
		5745	1.45	1.55	93.55	0.01	---	---
		5785	1.45	1.57	92.36	0.01	---	---
		5825	1.46	1.64	89.02	0.01	---	---
11AX40SISO	Ant1	5190	0.75	0.91	82.42	0.01	---	---
		5230	0.75	0.97	77.32	0.01	---	---
		5755	0.75	0.93	80.65	0.01	---	---
		5795	0.74	0.90	82.22	0.01	---	---
Note: 1/T=1/ Transmission Duration								

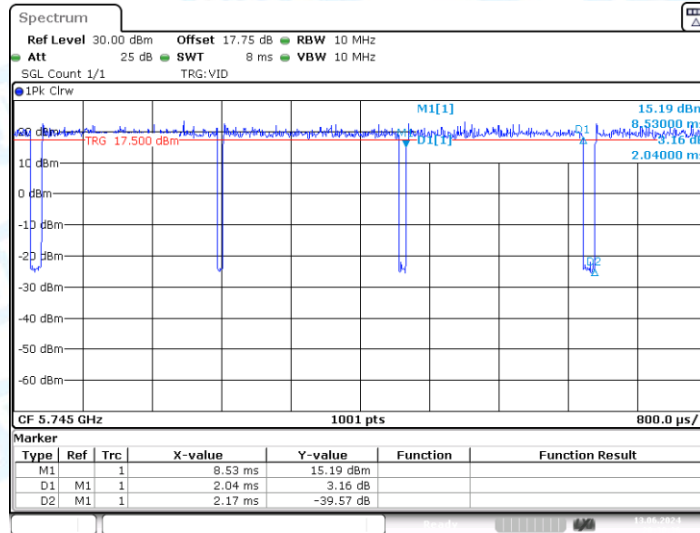
10.2.Test Graphs





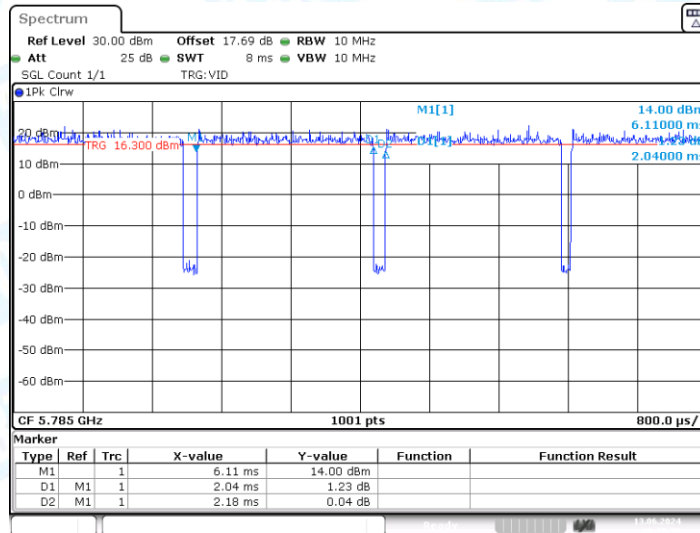
Date: 13.JUN.2024 20:25:10

11A_Ant1_5745



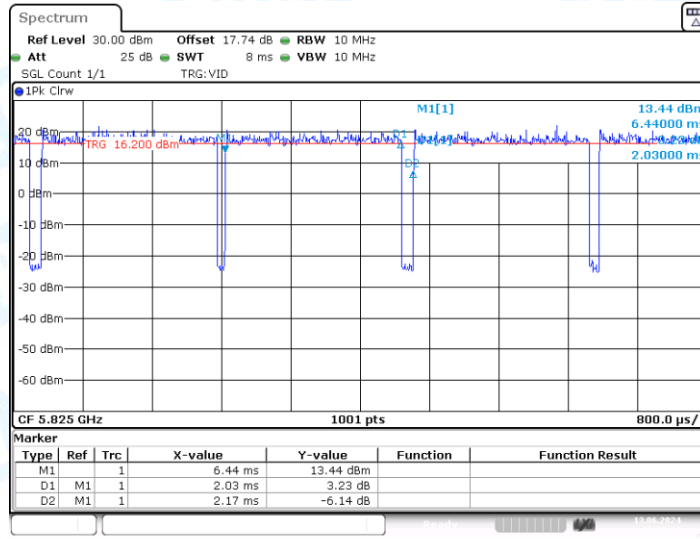
Date: 13.JUN.2024 20:30:36

11A_Ant1_5785



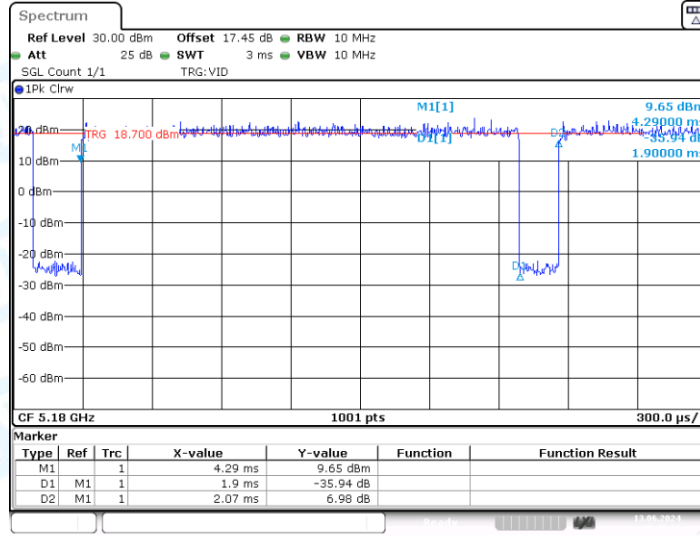
Date: 13.JUN.2024 20:35:49

11A_Ant1_5825



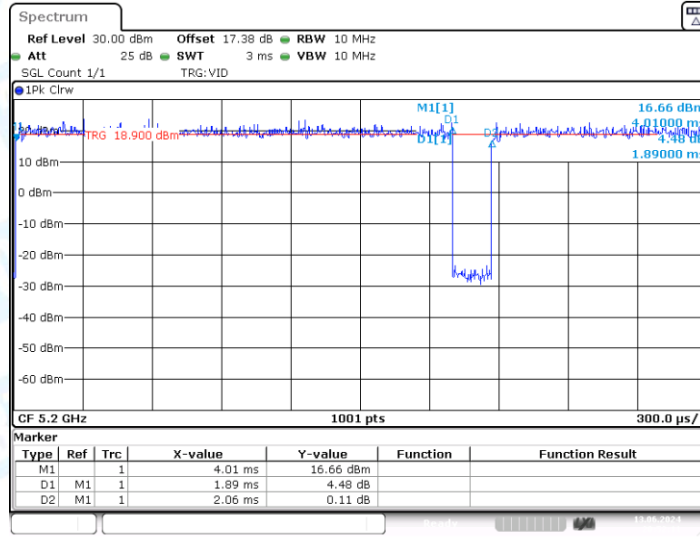
Date: 13.JUN.2024 20:39:39

11N20SISO_Ant1_5180



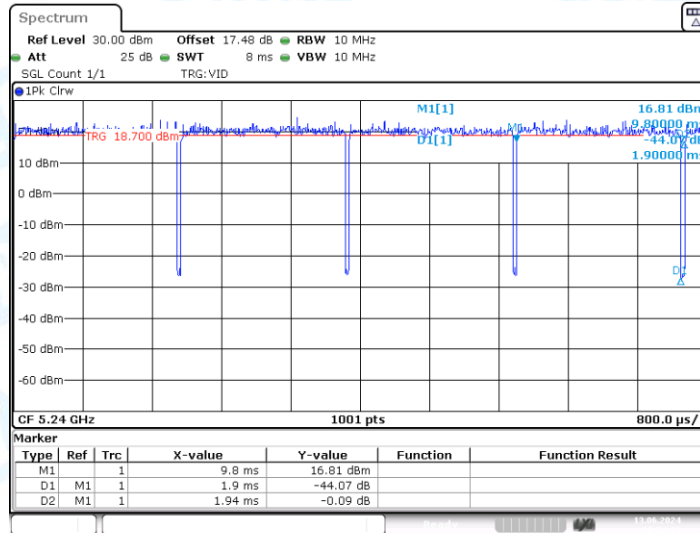
Date: 13.JUN.2024 20:47:38

11N20SISO_Ant1_5200



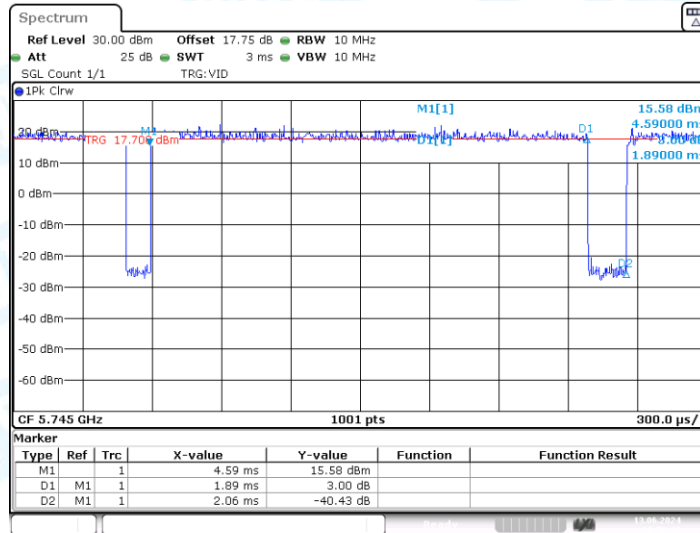
Date: 13.JUN.2024 20:52:12

11N20SISO_Ant1_5240



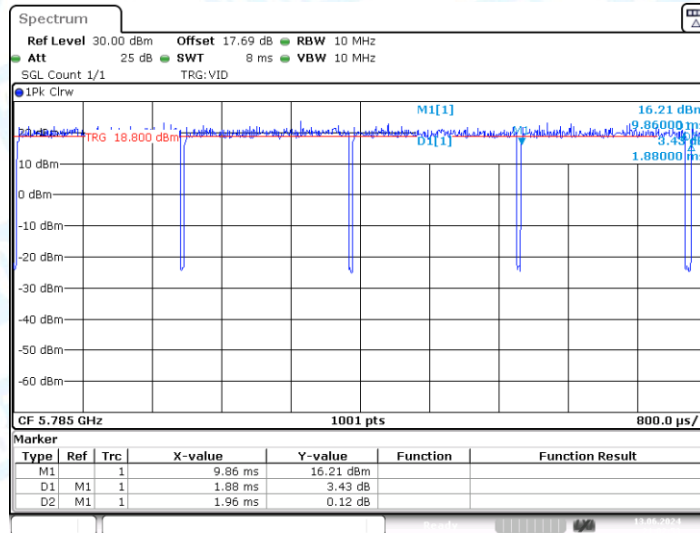
Date: 13.JUN.2024 20:54:33

11N20SISO_Ant1_5745



Date: 13.JUN.2024 20:58:41

11N20SISO_Ant1_5785



Date: 13.JUN.2024 21:02:53

11N20SISO_Ant1_5825