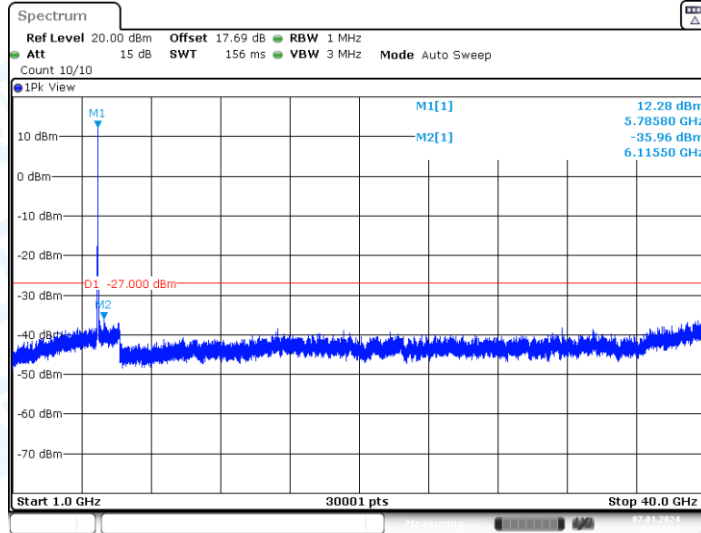


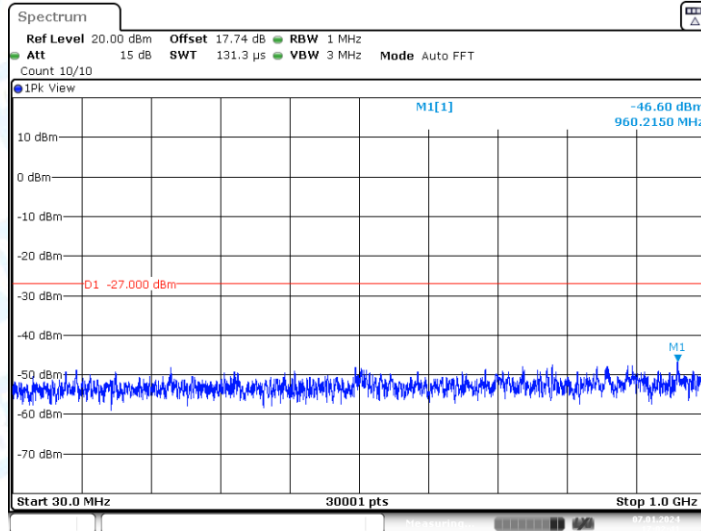
Date: 7.JAN.2024 17:06:54

11N20SISO_Ant1_5785_1000~40000



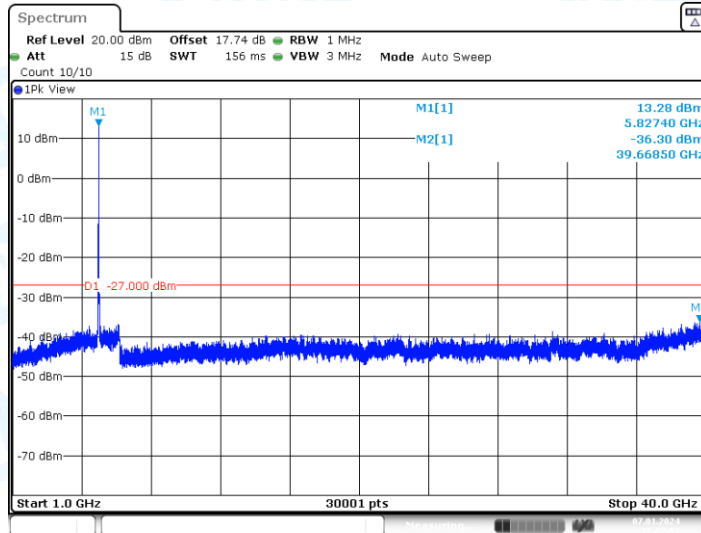
Date: 7.JAN.2024 17:07:07

11N20SISO_Ant1_5825_30~1000



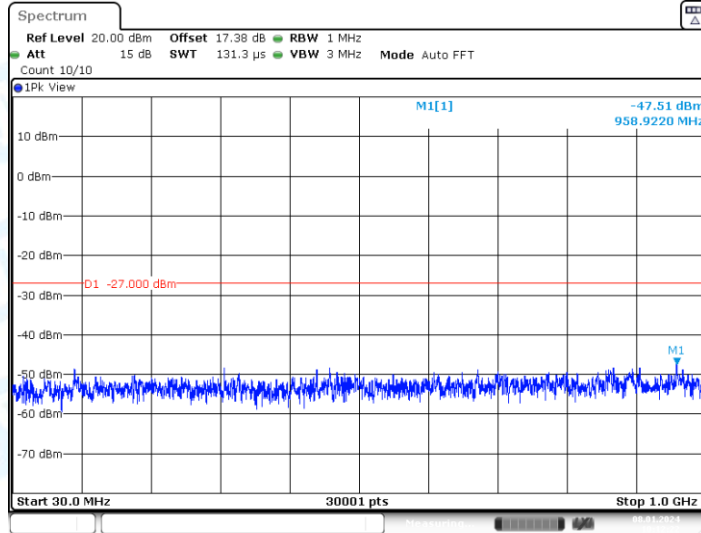
Date: 7.JAN.2024 17:02:41

11N20SISO_Ant1_5825_1000~40000



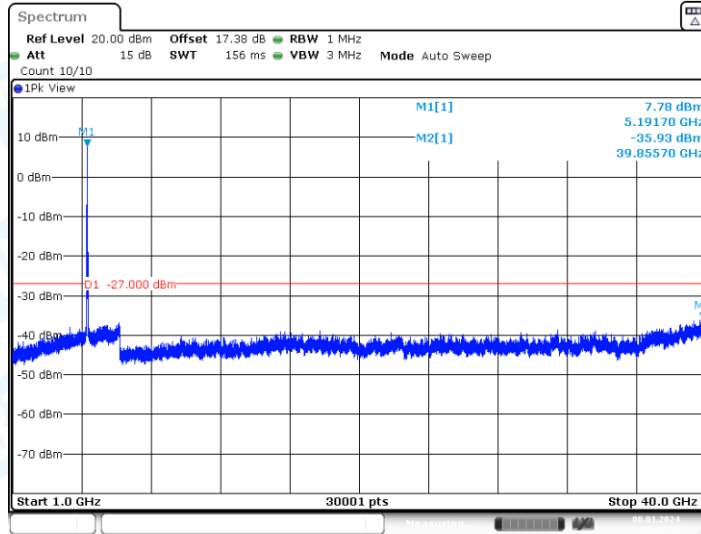
Date: 7.JAN.2024 17:02:53

11N40SISO_Ant1_5190_30~1000



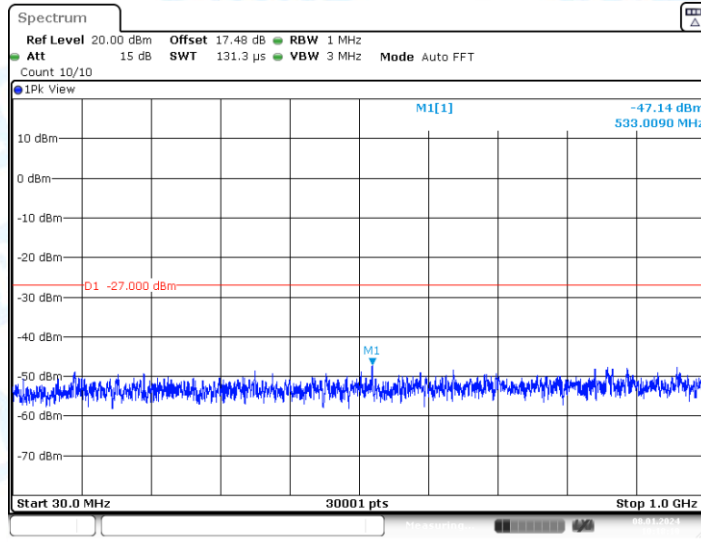
Date: 8.JAN.2024 10:12:22

11N40SISO_Ant1_5190_1000~40000



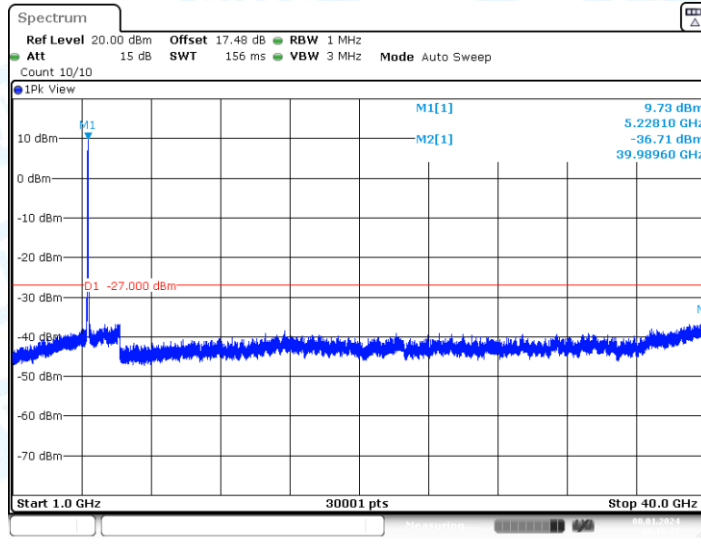
Date: 8.JAN.2024 10:12:47

11N40SISO_Ant1_5230_30~1000



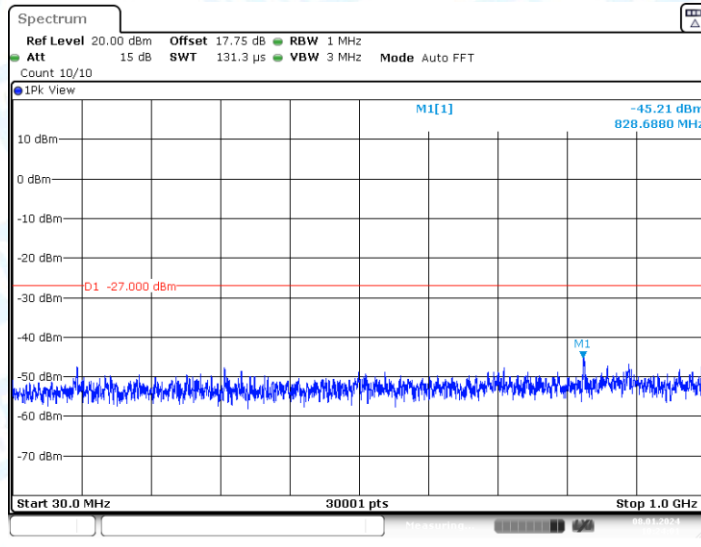
Date: 8.JAN.2024 10:18:10

11N40SISO_Ant1_5230_1000~40000



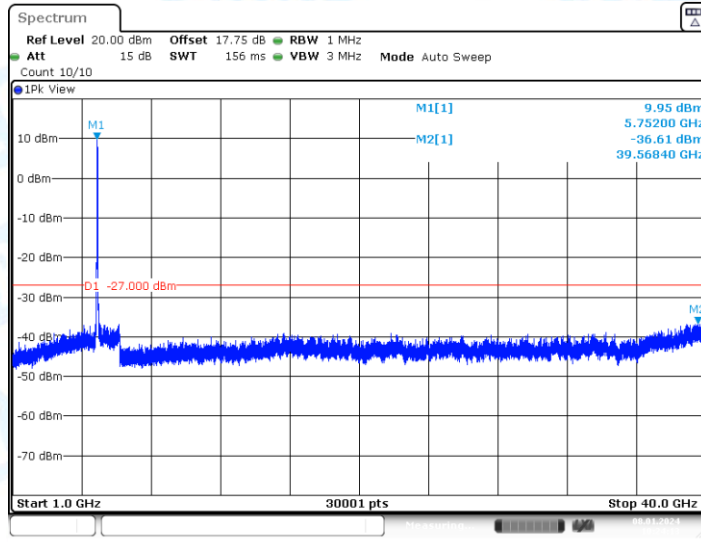
Date: 8.JAN.2024 10:18:35

11N40SISO_Ant1_5755_30~1000



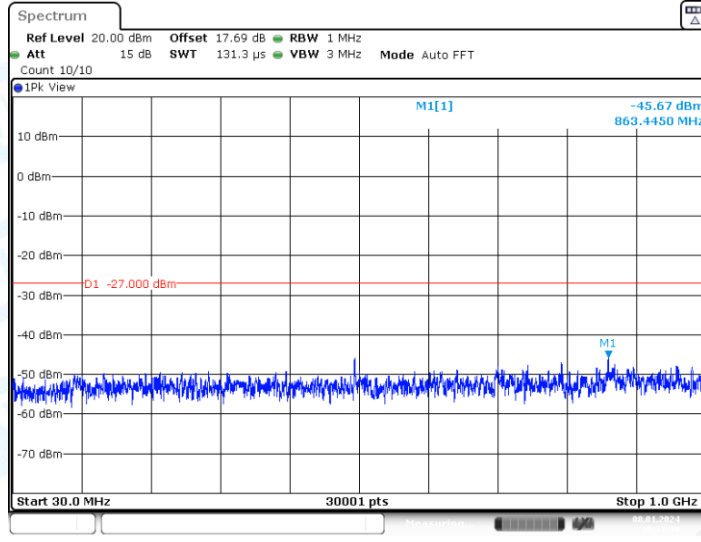
Date: 8.JAN.2024 10:24:00

11N40SISO_Ant1_5755_1000~40000



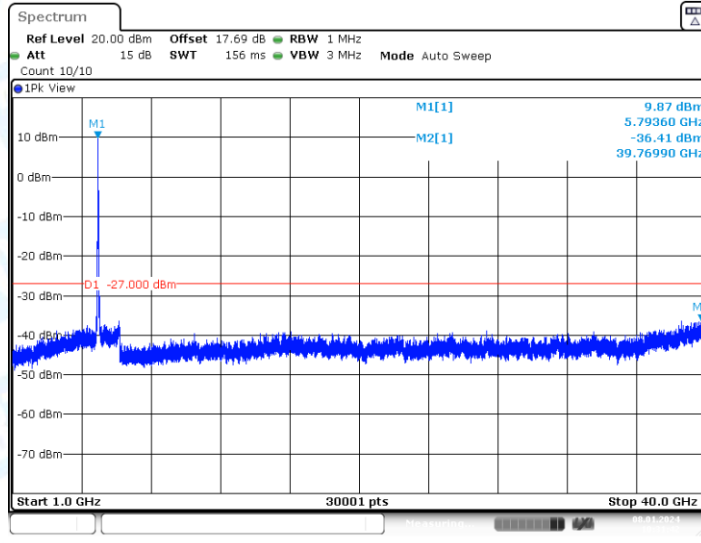
Date: 8.JAN.2024 10:24:13

11N40SISO_Ant1_5795_30~1000



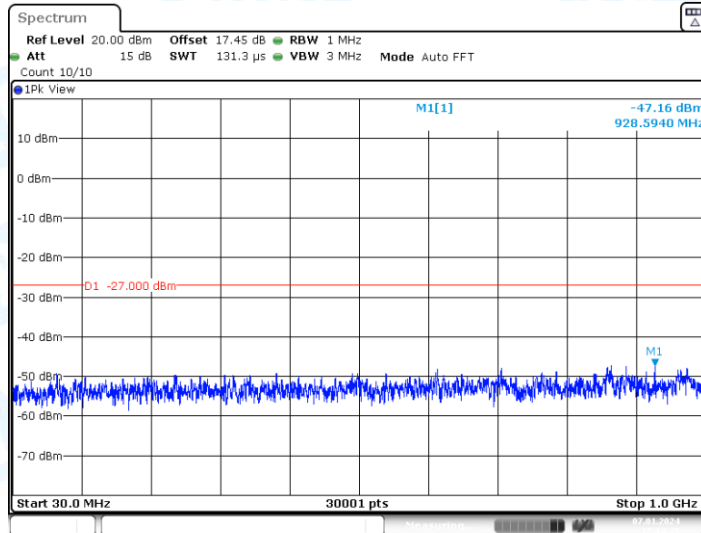
Date: 8.JAN.2024 10:31:29

11N40SISO_Ant1_5795_1000~40000



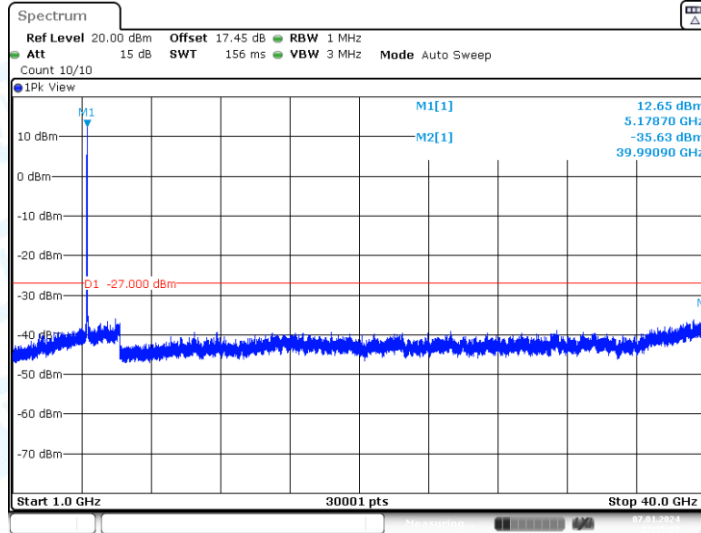
Date: 8.JAN.2024 10:31:42

11AC20SISO_Ant1_5180_30~1000



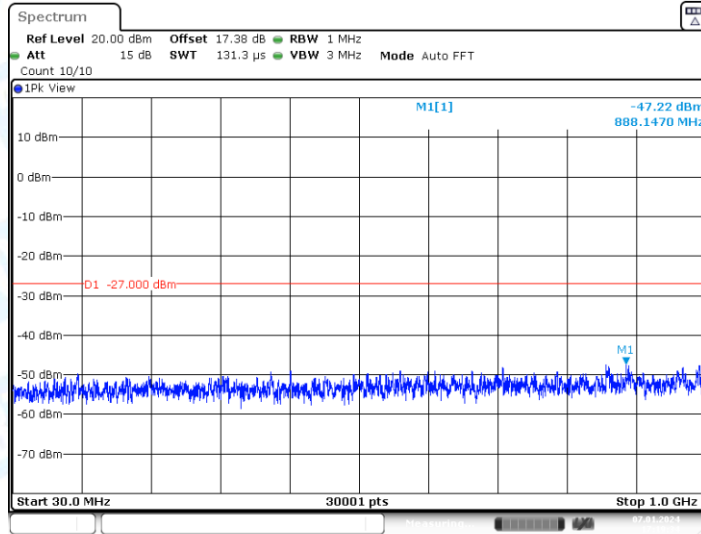
Date: 7.JAN.2024 17:14:35

11AC20SISO_Ant1_5180_1000~40000



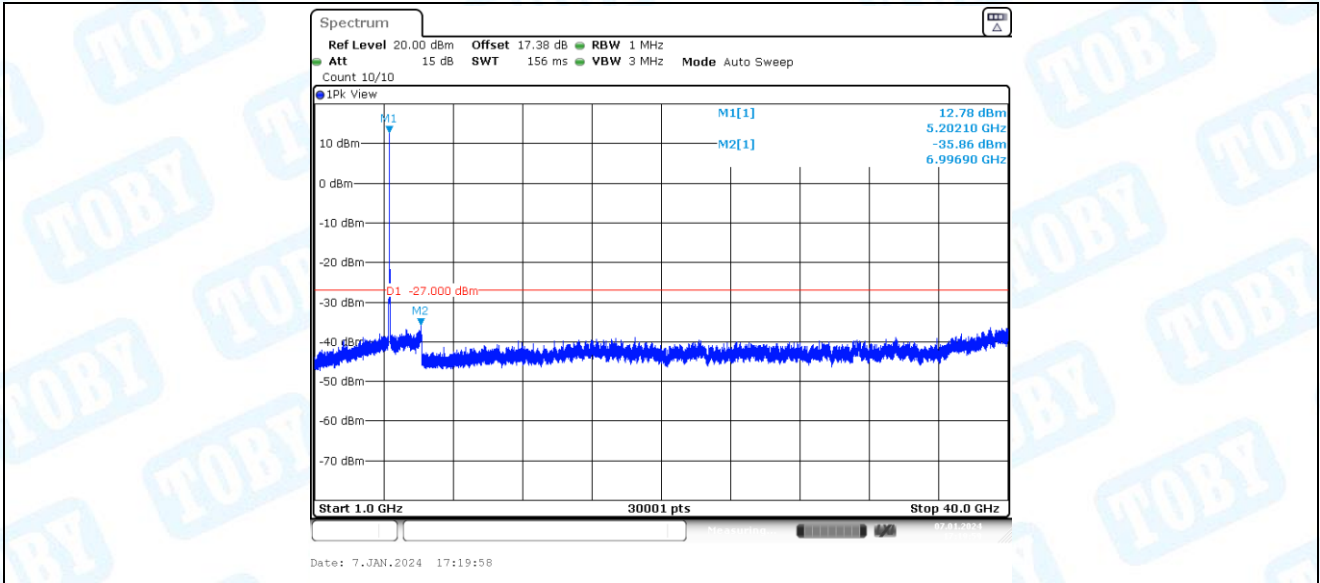
Date: 7.JAN.2024 17:15:00

11AC20SISO_Ant1_5200_30~1000

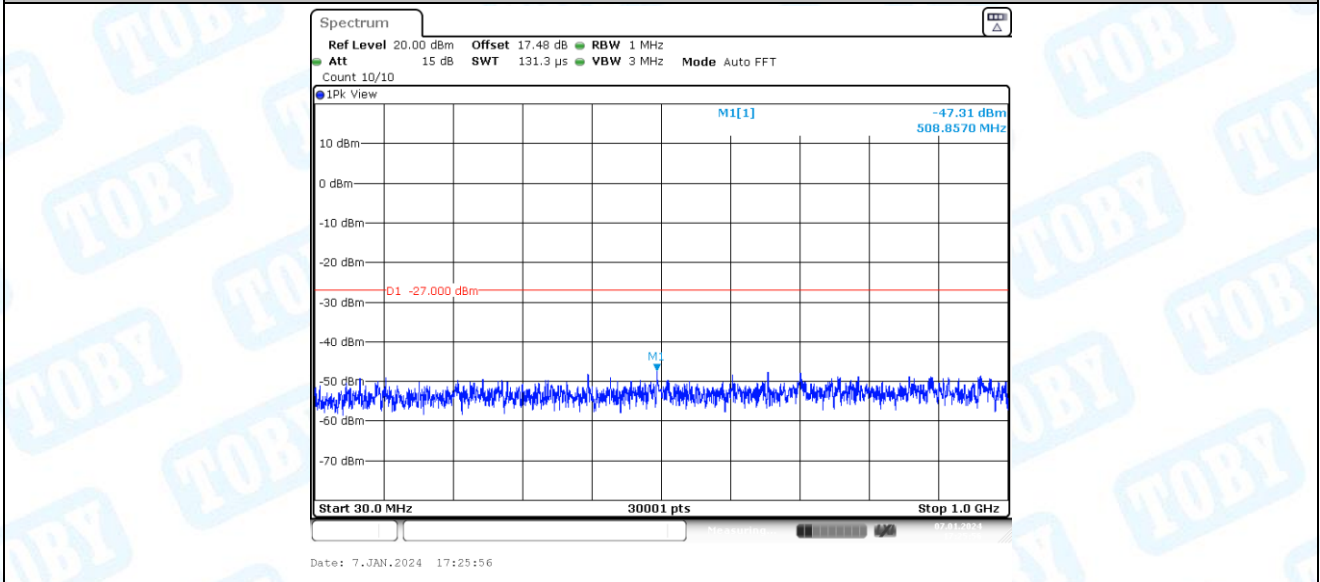


Date: 7.JAN.2024 17:19:33

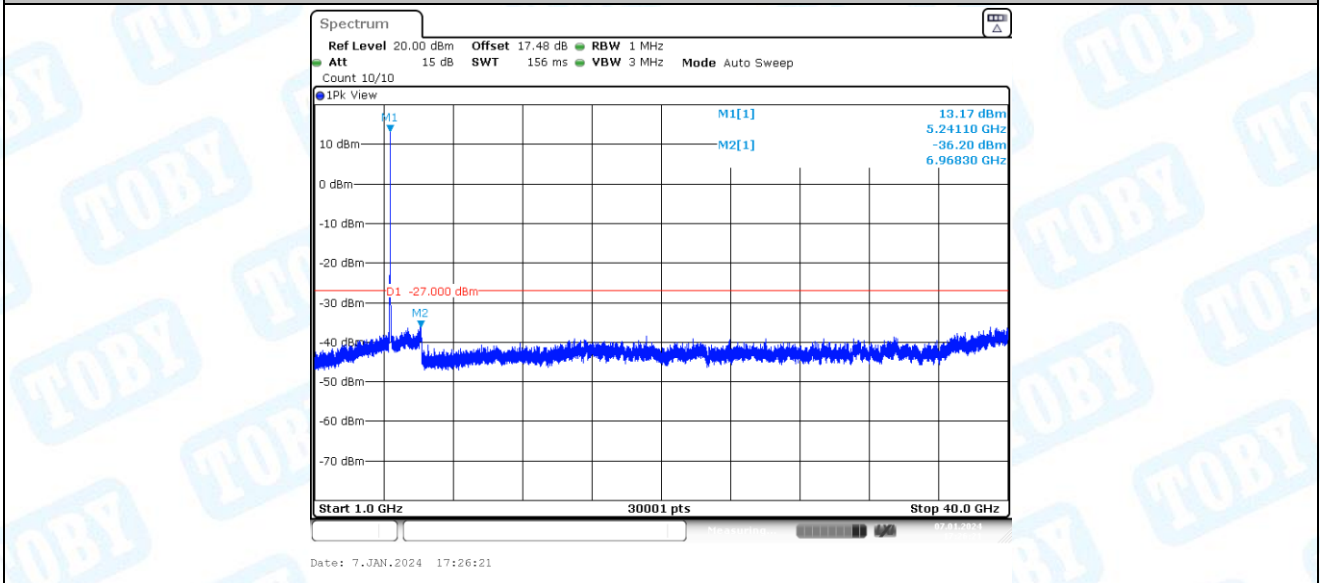
11AC20SISO_Ant1_5200_1000~40000



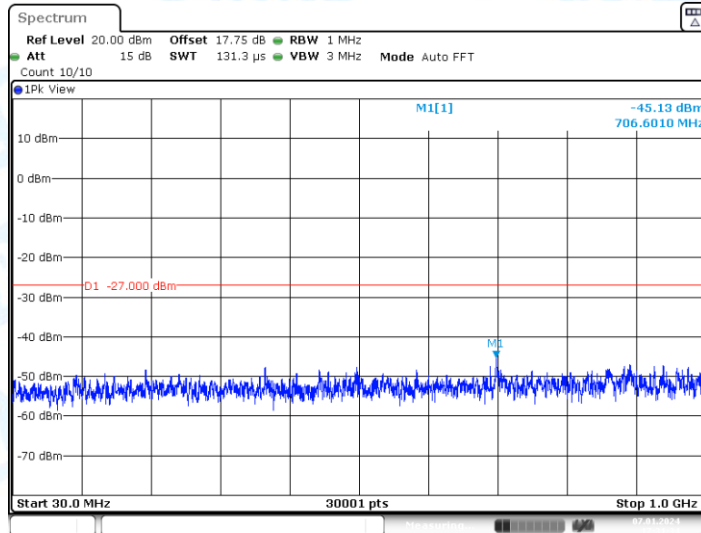
11AC20SISO_Ant1_5240_30~1000



11AC20SISO_Ant1_5240_1000~40000

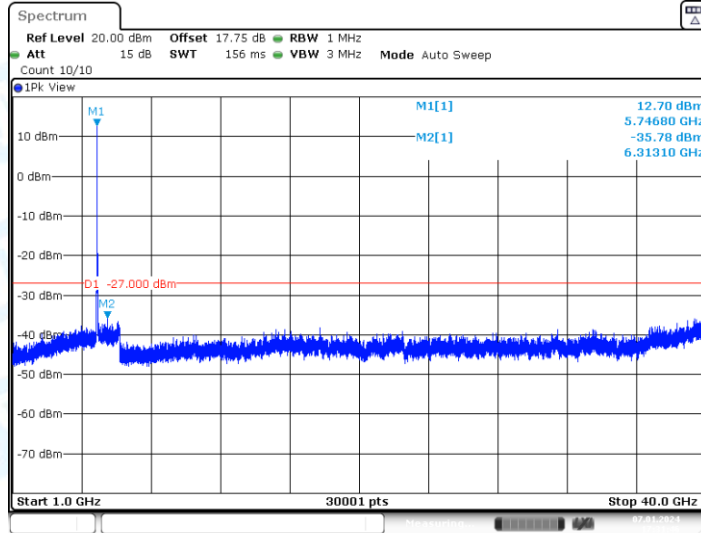


11AC20SISO_Ant1_5745_30~1000



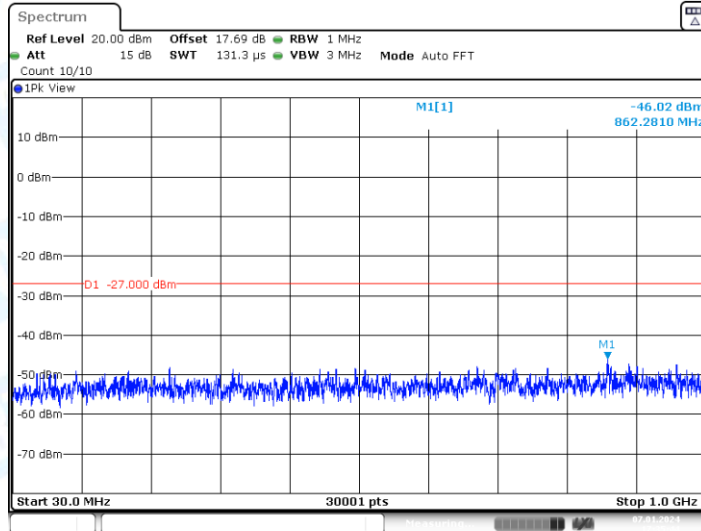
Date: 7.JAN.2024 17:31:33

11AC20SISO_Ant1_5745_1000~4000



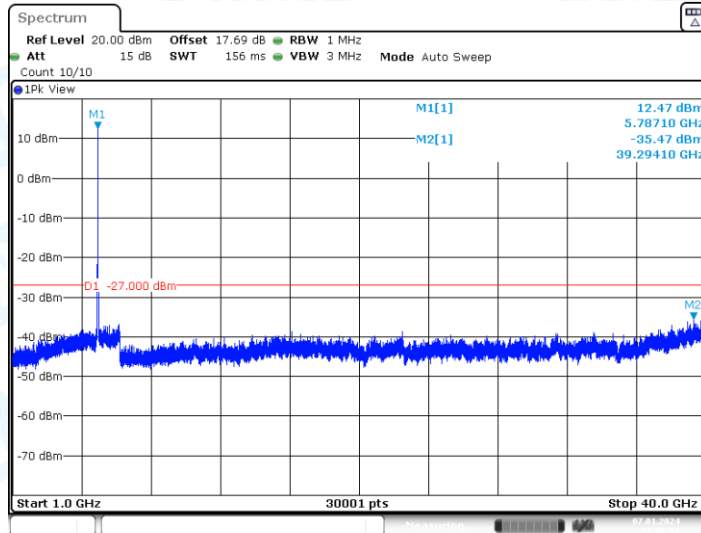
Date: 7.JAN.2024 17:31:46

11AC20SISO_Ant1_5785_30~1000



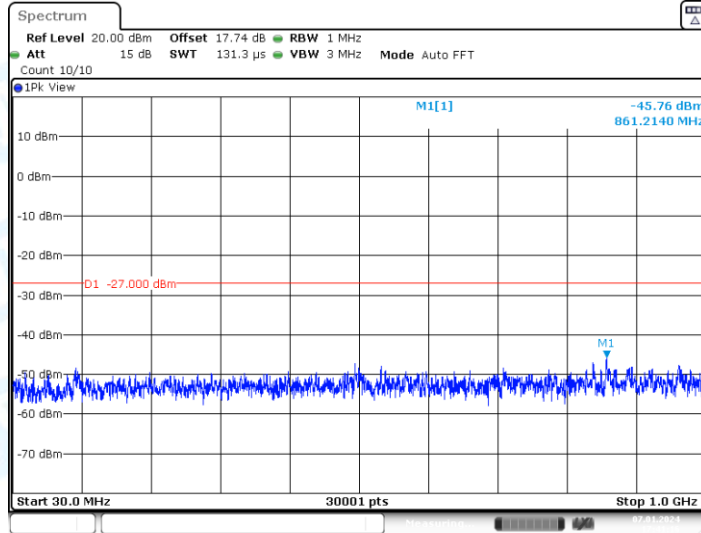
Date: 7.JAN.2024 17:35:44

11AC20SISO_Ant1_5785_1000~4000



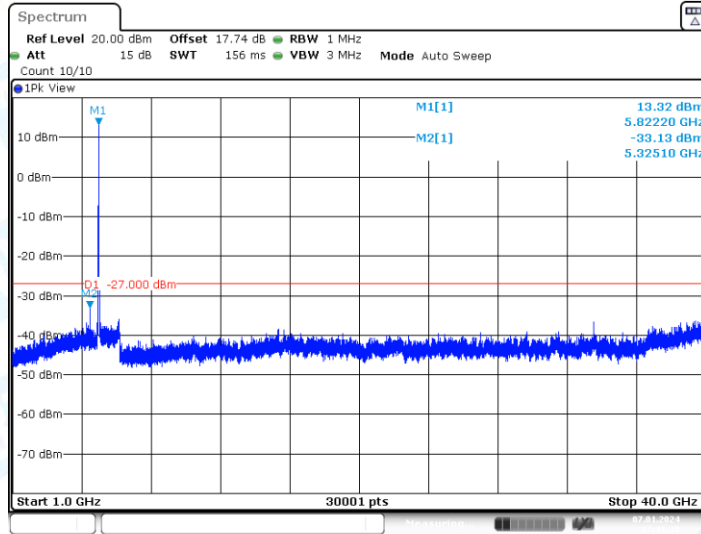
Date: 7.JAN.2024 17:35:57

11AC20SISO_Ant1_5825_30~1000



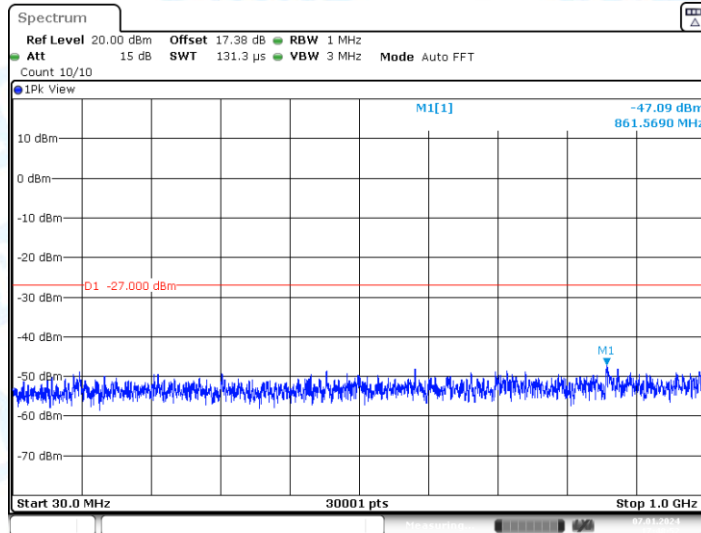
Date: 7.JAN.2024 17:41:15

11AC20SISO_Ant1_5825_1000~40000



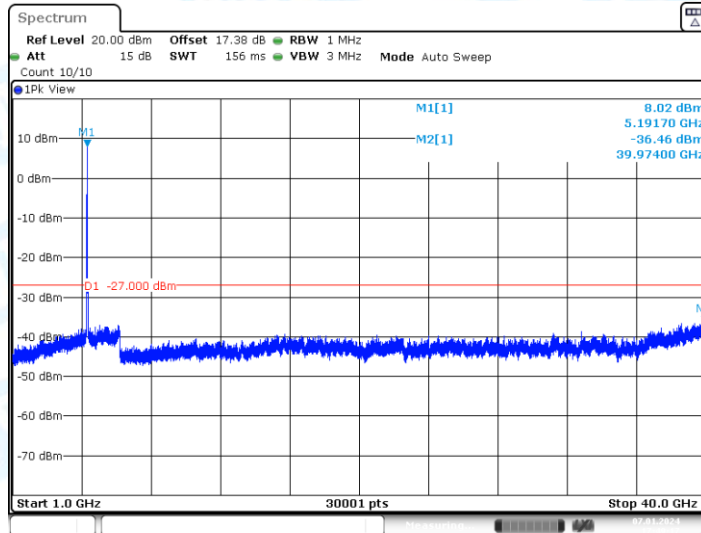
Date: 7.JAN.2024 17:41:28

11AC40SISO_Ant1_5190_30~1000



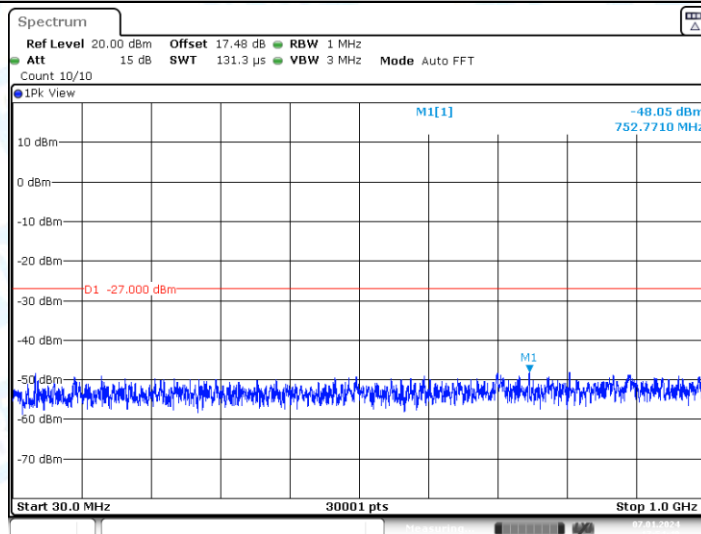
Date: 7.JAN.2024 17:48:52

11AC40SISO_Ant1_5190_1000~40000



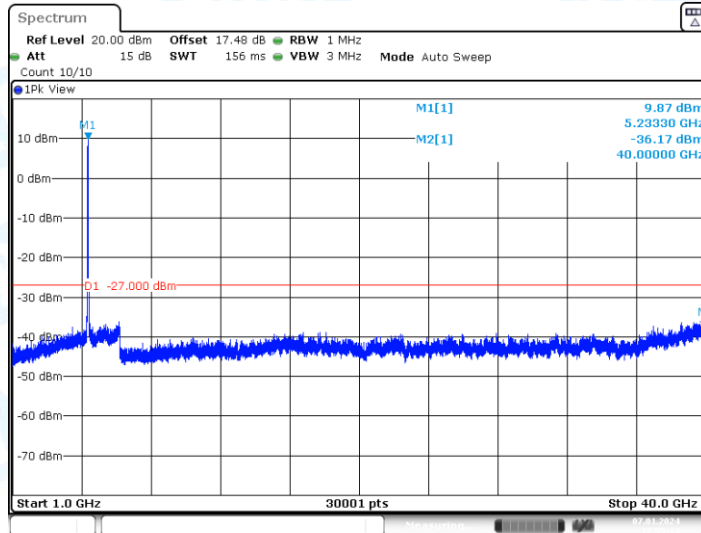
Date: 7.JAN.2024 17:49:17

11AC40SISO_Ant1_5230_30~1000



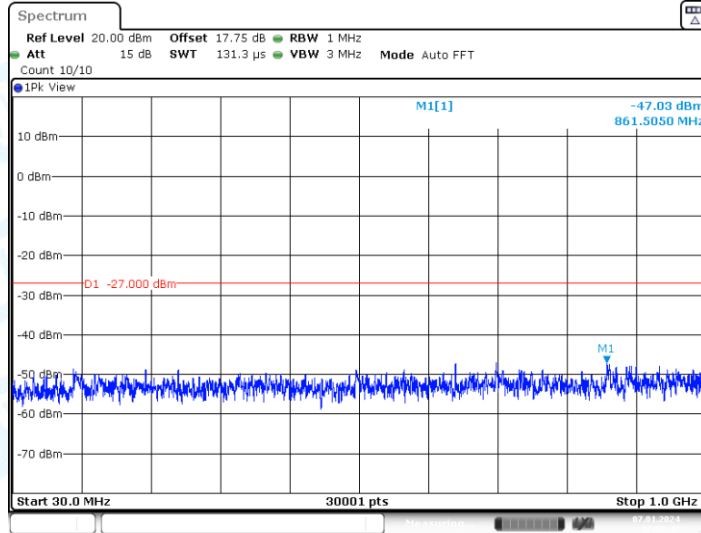
Date: 7.JAN.2024 17:54:48

11AC40SISO_Ant1_5230_1000~40000



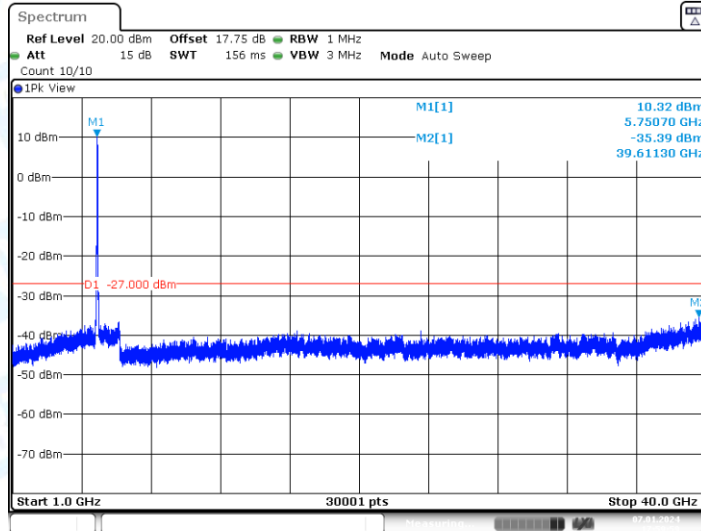
Date: 7.JAN.2024 17:55:13

11AC40SISO_Ant1_5755_30~1000



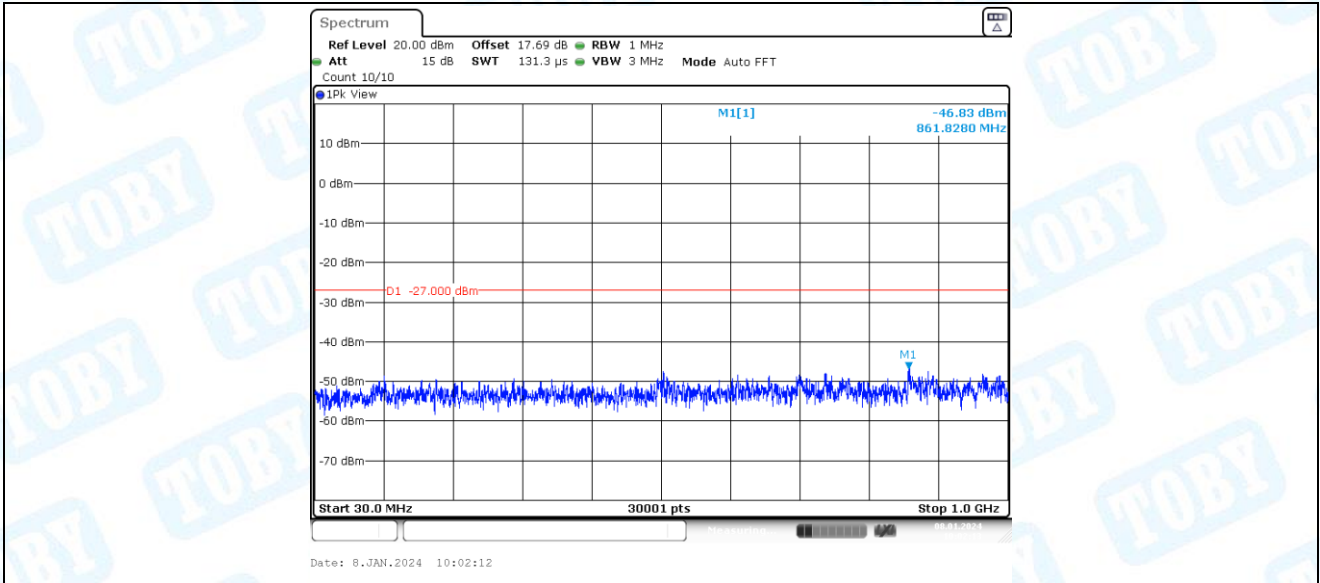
Date: 7.JAN.2024 17:59:46

11AC40SISO_Ant1_5755_1000~40000

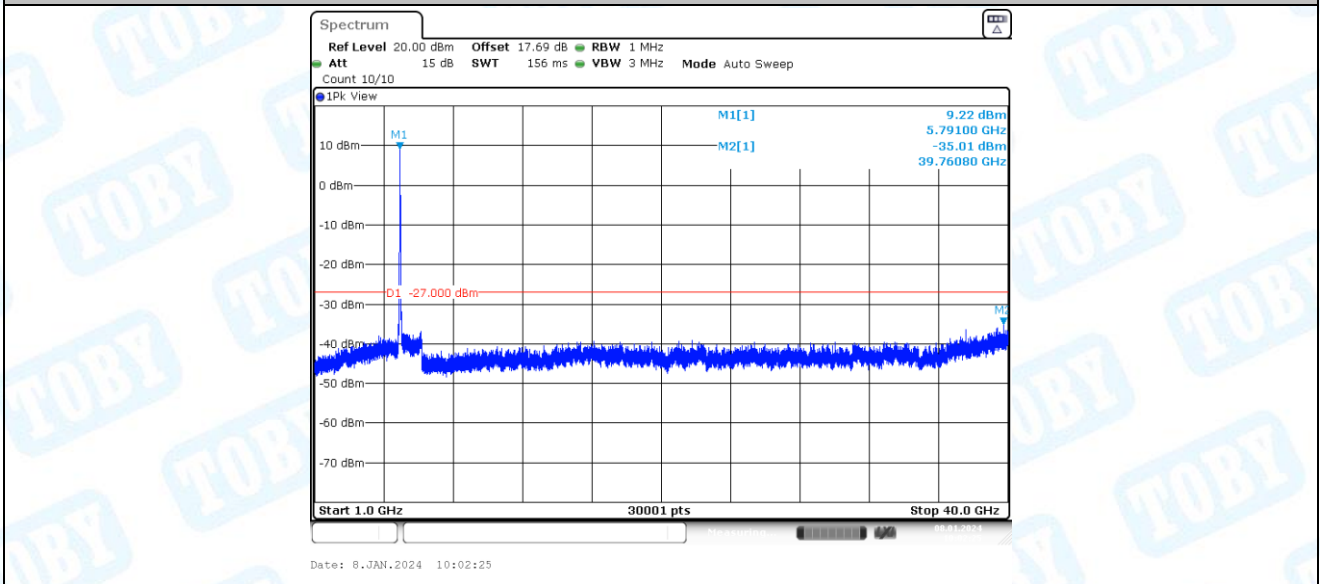


Date: 7.JAN.2024 17:59:59

11AC40SISO_Ant1_5795_30~1000



11AC40SISO_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	-20000.00	-3.861004	20	PASS		
			HV	NT	-20000.00	-3.861004	20	PASS		
		5200	NV	NT	0.00	0.000000	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	0.00	0.000000	20	PASS		
			HV	NT	-20000.00	-3.816794	20	PASS		
		5745	NV	NT	-20000.00	-3.481288	20	PASS		
			LV	NT	-20000.00	-3.481288	20	PASS		
			HV	NT	0.00	0.000000	20	PASS		
		5785	NV	NT	-20000.00	-3.457217	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
			HV	NT	0.00	0.000000	20	PASS		
		5825	NV	NT	-20000.00	-3.433476	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
			HV	NT	-20000.00	-3.433476	20	PASS		
		11N20SISO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
					LV	NT	0.00	0.000000	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	-20000.00	-3.816794	20	PASS
					HV	NT	-20000.00	-3.816794	20	PASS
5745	NV			NT	-40000.00	-6.962576	20	PASS		
	LV			NT	-20000.00	-3.481288	20	PASS		
	HV			NT	-20000.00	-3.481288	20	PASS		
5785	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	0.00	0.000000	20	PASS		
	HV			NT	-40000.00	-6.914434	20	PASS		
5825	NV			NT	-40000.00	-6.866953	20	PASS		
	LV			NT	-20000.00	-3.433476	20	PASS		
	HV			NT	-20000.00	-3.433476	20	PASS		
11N40SISO	Ant1			5190	NV	NT	-40000.00	-7.707129	20	PASS
					LV	NT	0.00	0.000000	20	PASS

		5230	HV	NT	-40000.00	-7.707129	20	PASS		
			NV	NT	0.00	0.000000	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
		5755	HV	NT	-40000.00	-7.648184	20	PASS		
			NV	NT	0.00	0.000000	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
		5795	HV	NT	-80000.00	-13.900956	20	PASS		
			NV	NT	0.00	0.000000	20	PASS		
			LV	NT	-40000.00	-6.902502	20	PASS		
		11AC20SIS O	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
					LV	NT	-20000.00	-3.861004	20	PASS
					HV	NT	0.00	0.000000	20	PASS
5200	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	0.00	0.000000	20	PASS		
	HV			NT	-20000.00	-3.846154	20	PASS		
5240	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	0.00	0.000000	20	PASS		
	HV			NT	0.00	0.000000	20	PASS		
5745	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	-20000.00	-3.481288	20	PASS		
	HV			NT	0.00	0.000000	20	PASS		
5785	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	-20000.00	-3.457217	20	PASS		
	HV			NT	0.00	0.000000	20	PASS		
5825	NV			NT	-20000.00	-3.433476	20	PASS		
	LV			NT	0.00	0.000000	20	PASS		
	HV			NT	-20000.00	-3.433476	20	PASS		
11AC40SIS O	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		
		5230	NV	NT	-40000.00	-7.648184	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
			HV	NT	0.00	0.000000	20	PASS		
		5755	NV	NT	-40000.00	-6.950478	20	PASS		
			LV	NT	-40000.00	-6.950478	20	PASS		
			HV	NT	0.00	0.000000	20	PASS		
		5795	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	0.00	0.000000	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	0.00	0.000000	20	PASS

			NV	10	-20000.00	-3.861004	20	PASS			
			NV	20	-20000.00	-3.861004	20	PASS			
			NV	30	-40000.00	-7.722008	20	PASS			
			NV	45	-20000.00	-3.861004	20	PASS			
			5200	NV	0	0.00	0.000000	20	PASS		
				NV	10	-20000.00	-3.846154	20	PASS		
				NV	20	-20000.00	-3.846154	20	PASS		
				NV	30	0.00	0.000000	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	0.00	0.000000	20	PASS		
				NV	45	-20000.00	-3.816794	20	PASS		
			5745	NV	0	-20000.00	-3.481288	20	PASS		
				NV	10	-60000.00	-10.443864	20	PASS		
				NV	20	-20000.00	-3.481288	20	PASS		
				NV	30	-20000.00	-3.481288	20	PASS		
				NV	45	-20000.00	-3.481288	20	PASS		
			5785	NV	0	-20000.00	-3.457217	20	PASS		
				NV	10	-20000.00	-3.457217	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	-40000.00	-6.866953	20	PASS		
				NV	10	0.00	0.000000	20	PASS		
				NV	20	-20000.00	-3.433476	20	PASS		
				NV	30	-20000.00	-3.433476	20	PASS		
				NV	45	-20000.00	-3.433476	20	PASS		
			11N20SISO	Ant1	5180	NV	0	0.00	0.000000	20	PASS
						NV	10	0.00	0.000000	20	PASS
						NV	20	20000.00	3.861004	20	PASS
						NV	30	-20000.00	-3.861004	20	PASS
						NV	45	-20000.00	-3.861004	20	PASS
					5200	NV	0	-20000.00	-3.846154	20	PASS
						NV	10	-20000.00	-3.846154	20	PASS
						NV	20	-20000.00	-3.846154	20	PASS
						NV	30	-40000.00	-7.692308	20	PASS
						NV	45	0.00	0.000000	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	0.00				0.000000	20	PASS			
5745	NV	0	0.00	0.000000	20	PASS					

			NV	10	-20000.00	-3.481288	20	PASS		
			NV	20	-20000.00	-3.481288	20	PASS		
			NV	30	-20000.00	-3.481288	20	PASS		
			NV	45	-40000.00	-6.962576	20	PASS		
		5785	NV	0	-20000.00	-3.457217	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	-20000.00	-3.457217	20	PASS		
			NV	30	-20000.00	-3.457217	20	PASS		
		5825	NV	45	-20000.00	-3.457217	20	PASS		
			NV	0	0.00	0.000000	20	PASS		
			NV	10	-20000.00	-3.433476	20	PASS		
			NV	20	0.00	0.000000	20	PASS		
		11N40SISO	Ant1	5190	NV	30	0.00	0.000000	20	PASS
					NV	45	0.00	0.000000	20	PASS
					NV	0	-40000.00	-7.707129	20	PASS
					NV	10	40000.00	7.707129	20	PASS
NV	20				-40000.00	-7.707129	20	PASS		
5230	NV			30	-40000.00	-7.707129	20	PASS		
	NV			45	0.00	0.000000	20	PASS		
	NV			0	-40000.00	-7.648184	20	PASS		
	NV			10	0.00	0.000000	20	PASS		
	NV			20	-40000.00	-7.648184	20	PASS		
5755	NV			30	-80000.00	-15.296367	20	PASS		
	NV			45	0.00	0.000000	20	PASS		
	NV			0	-40000.00	-6.950478	20	PASS		
	NV			10	-40000.00	-6.950478	20	PASS		
	NV			20	-40000.00	-6.950478	20	PASS		
5795	NV			30	-80000.00	-13.900956	20	PASS		
	NV	45	0.00	0.000000	20	PASS				
	NV	0	0.00	0.000000	20	PASS				
	NV	10	-40000.00	-6.902502	20	PASS				
	NV	20	40000.00	6.902502	20	PASS				
11AC20SIS O	Ant1	5180	NV	30	-80000.00	-13.805004	20	PASS		
			NV	45	-40000.00	-6.902502	20	PASS		
			NV	0	0.00	0.000000	20	PASS		
			NV	10	-20000.00	-3.861004	20	PASS		
			NV	20	0.00	0.000000	20	PASS		
		5200	NV	30	0.00	0.000000	20	PASS		
			NV	45	0.00	0.000000	20	PASS		
			NV	0	-20000.00	-3.846154	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	20000.00	3.846154	20	PASS		
		5240	NV	30	0.00	0.000000	20	PASS		
					NV	45	0.00	0.000000	20	PASS
					NV	0	20000.00	3.816794	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	45	0.00	0.000000	20	PASS	
			5745	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	-20000.00	-3.481288	20	PASS
				NV	45	0.00	0.000000	20	PASS
			5785	NV	0	-20000.00	-3.457217	20	PASS
				NV	10	-20000.00	-3.457217	20	PASS
				NV	20	-20000.00	-3.457217	20	PASS
				NV	30	0.00	0.000000	20	PASS
				NV	45	20000.00	3.457217	20	PASS
			5825	NV	0	20000.00	3.433476	20	PASS
				NV	10	20000.00	3.433476	20	PASS
				NV	20	0.00	0.000000	20	PASS
				NV	30	20000.00	3.433476	20	PASS
				NV	45	0.00	0.000000	20	PASS
			11AC40SIS O	Ant1	5190	NV	0	-40000.00	-7.707129
NV	10	0.00				0.000000	20	PASS	
NV	20	0.00				0.000000	20	PASS	
NV	30	-40000.00				-7.707129	20	PASS	
NV	45	-40000.00				-7.707129	20	PASS	
5230	NV	0			-40000.00	-7.648184	20	PASS	
	NV	10			0.00	0.000000	20	PASS	
	NV	20			0.00	0.000000	20	PASS	
	NV	30			-40000.00	-7.648184	20	PASS	
	NV	45			0.00	0.000000	20	PASS	
5755	NV	0			-40000.00	-6.950478	20	PASS	
	NV	10			-40000.00	-6.950478	20	PASS	
	NV	20			0.00	0.000000	20	PASS	
	NV	30			0.00	0.000000	20	PASS	
	NV	45			-40000.00	-6.950478	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			0.00	0.000000	20	PASS	
	NV	45			-40000.00	-6.902502	20	PASS	

10. Duty Cycle

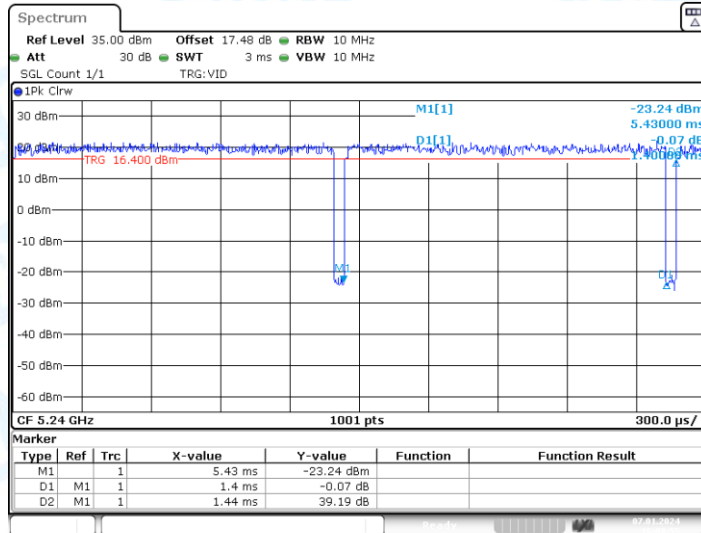
10.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11A	Ant1	5180	1.39	1.43	97.20	0.72	---	---
		5200	1.39	1.43	97.20	0.72	---	---
		5240	1.40	1.44	97.22	0.71	---	---
		5745	1.39	1.43	97.20	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	1.34	97.01	0.77	---	---
		5240	1.30	1.34	97.01	0.77	---	---
		5745	1.30	1.35	96.30	0.77	---	---
		5785	1.30	1.35	96.30	0.77	---	---
		5825	1.30	1.34	97.01	0.77	---	---
11N40SISO	Ant1	5190	0.65	0.69	94.20	1.54	---	---
		5230	0.65	0.69	94.20	1.54	---	---
		5755	0.65	0.69	94.20	1.54	---	---
		5795	0.65	0.70	92.86	1.54	---	---
11AC20SISO	Ant1	5180	1.31	1.36	96.32	0.76	---	---
		5200	1.32	1.36	97.06	0.76	---	---
		5240	1.31	1.36	96.32	0.76	---	---
		5745	1.31	1.35	97.04	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	0.70	92.86	1.54	---	---
		5230	0.66	0.70	94.29	1.52	---	---
		5755	0.65	0.69	94.20	1.54	---	---
		5795	0.65	0.70	92.86	1.54	---	---

Note: 1/T=1/ Transmission Duration

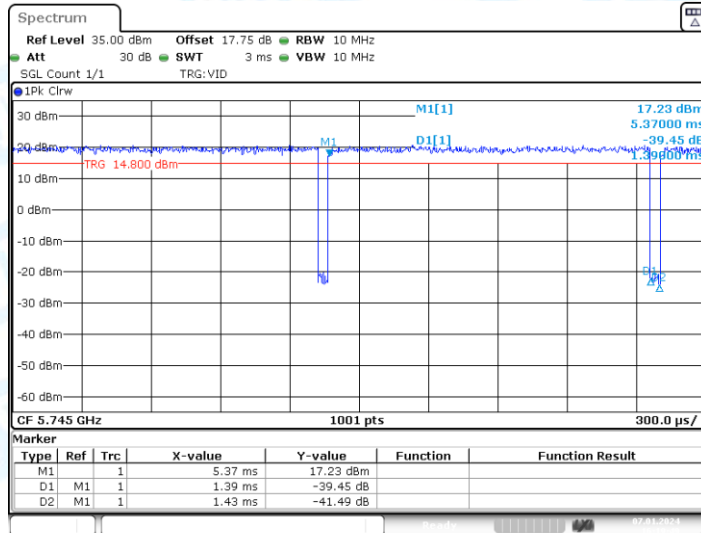
10.2. Test Graphs





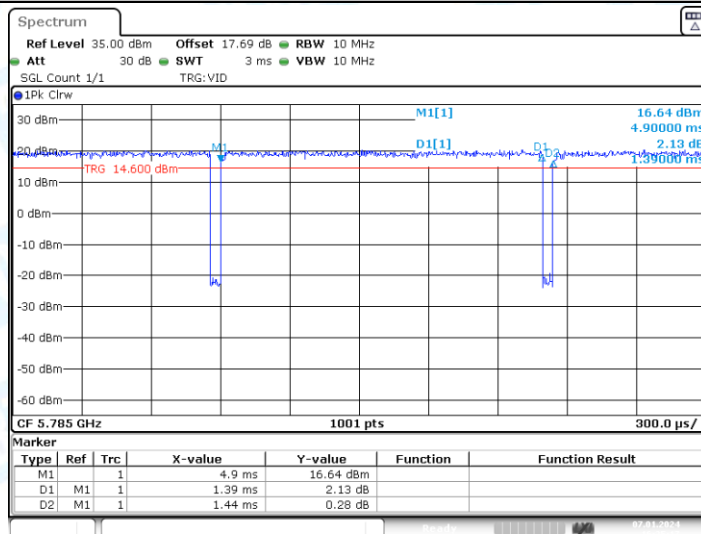
Date: 7.JAN.2024 16:09:55

11A_Ant1_5745



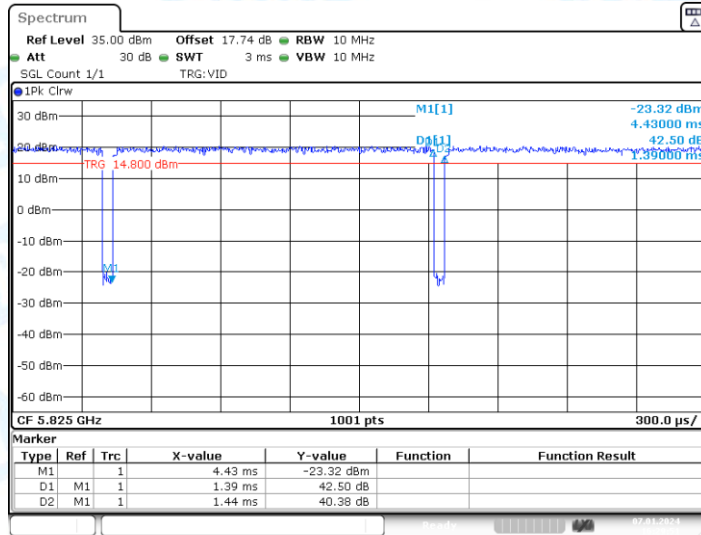
Date: 7.JAN.2024 16:19:48

11A_Ant1_5785



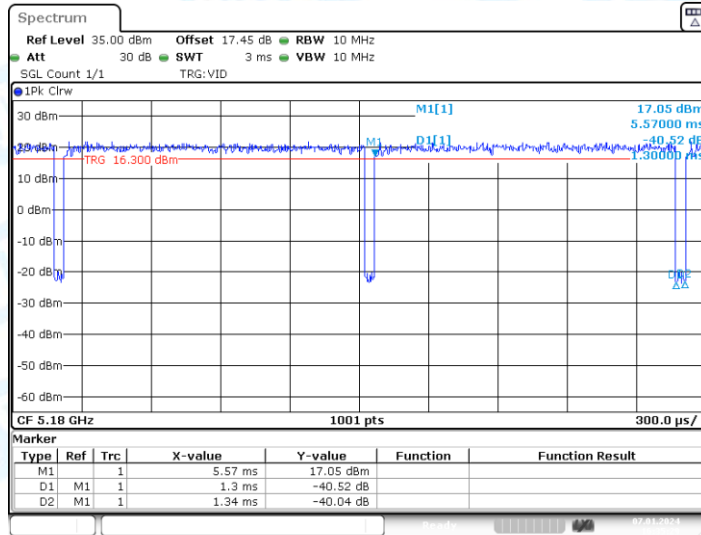
Date: 7.JAN.2024 16:25:17

11A_Ant1_5825



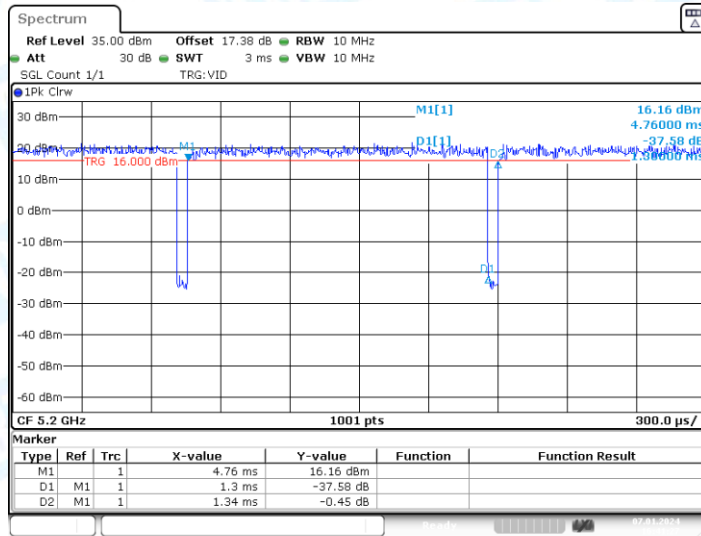
Date: 7.JAN.2024 16:29:50

11N20SISO_Ant1_5180



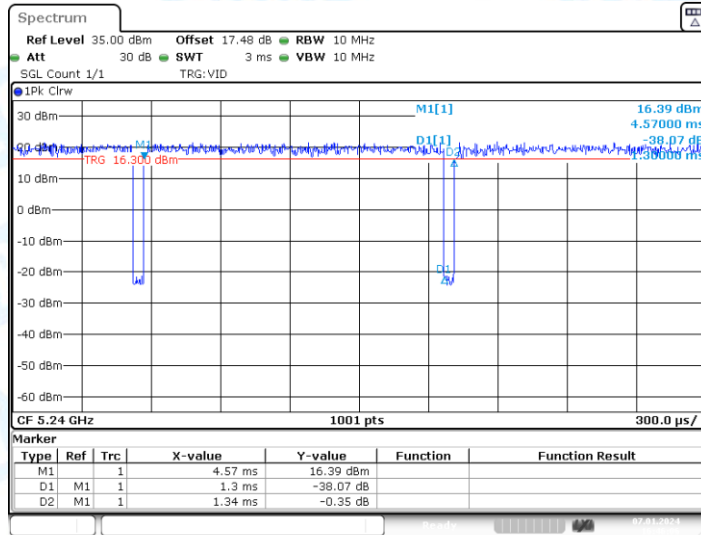
Date: 7.JAN.2024 16:35:28

11N20SISO_Ant1_5200



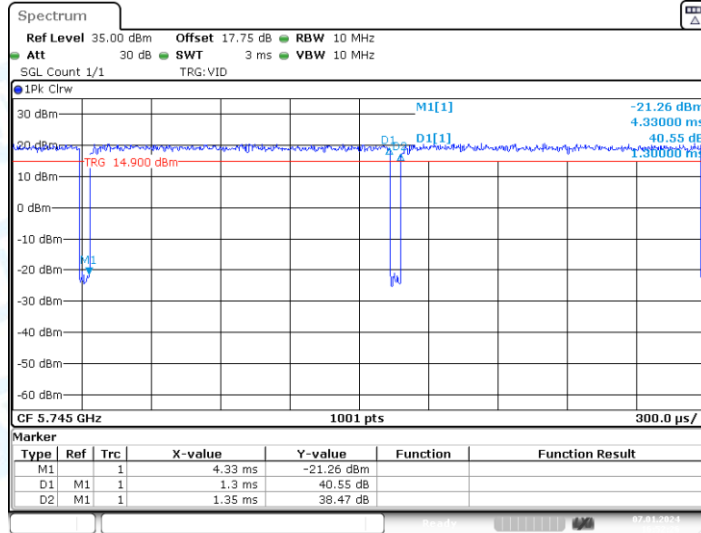
Date: 7.JAN.2024 16:41:27

11N20SISO_Ant1_5240



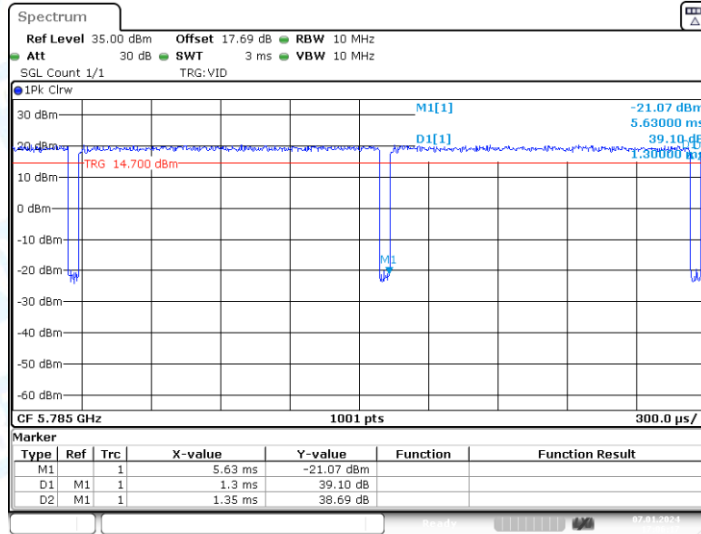
Date: 7.JAN.2024 16:46:06

11N20SISO_Ant1_5745



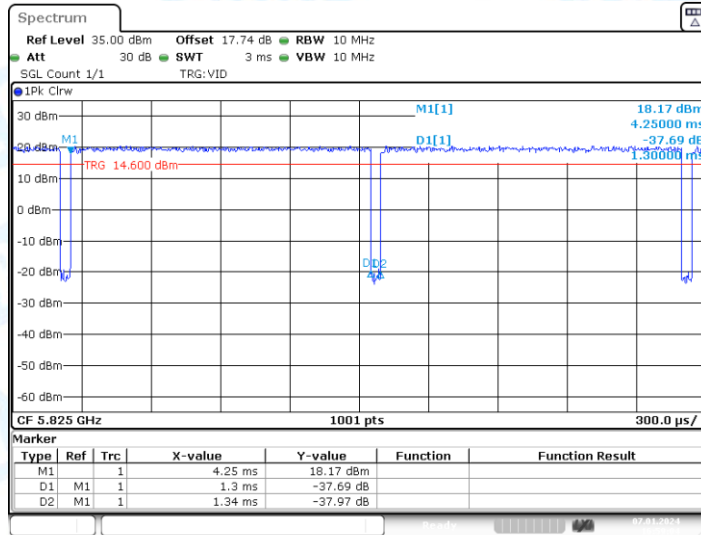
Date: 7.JAN.2024 16:52:26

11N20SISO_Ant1_5785



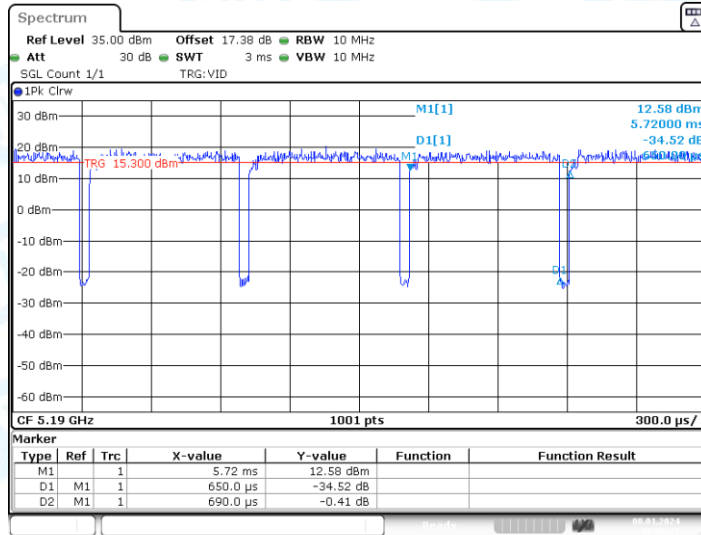
Date: 7.JAN.2024 17:06:17

11N20SISO_Ant1_5825



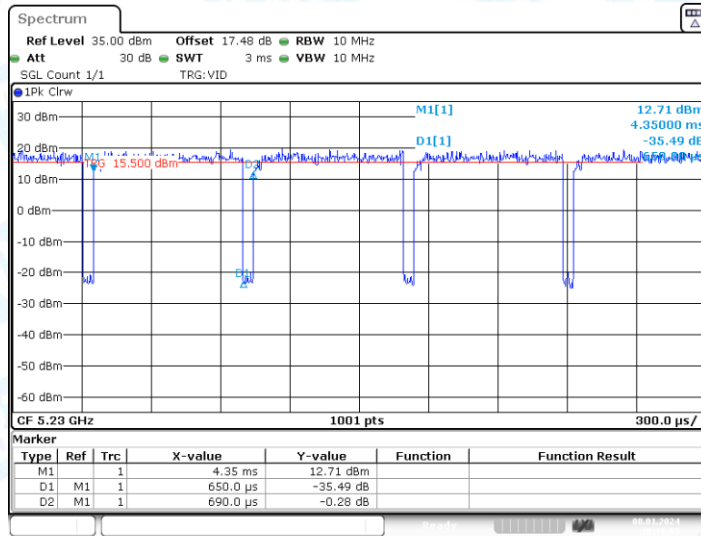
Date: 7.JAN.2024 16:59:04

11N40SISO_Ant1_5190



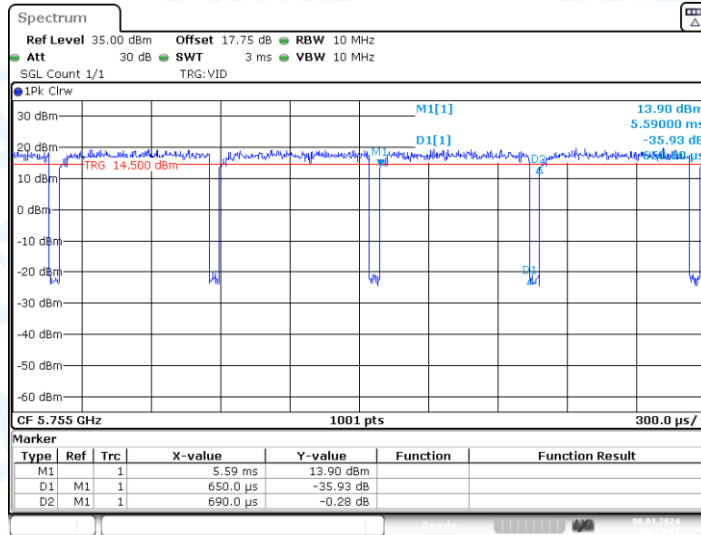
Date: 8.JAN.2024 10:06:23

11N40SISO_Ant1_5230



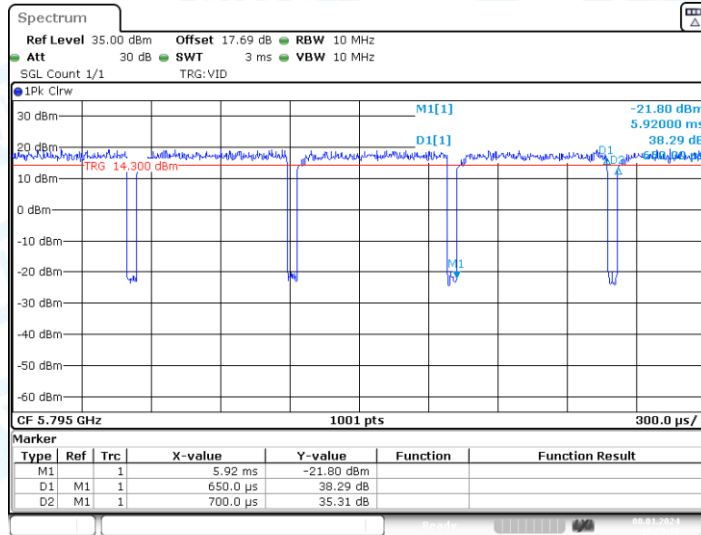
Date: 8.JAN.2024 10:16:05

11N40SISO_Ant1_5755



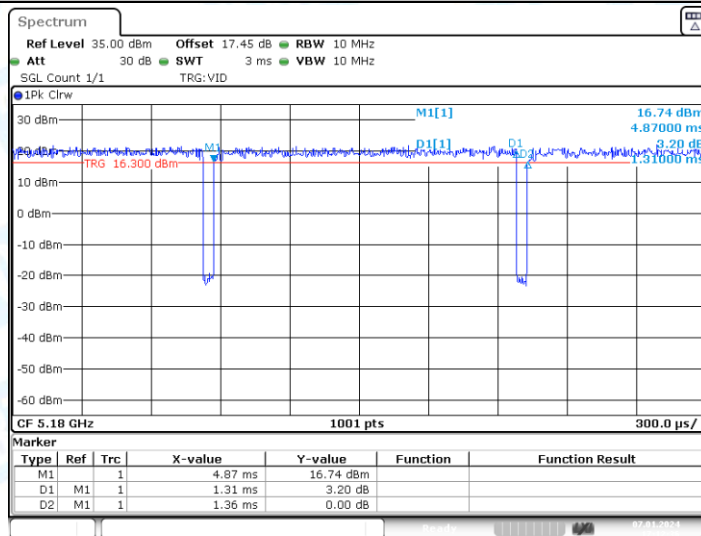
Date: 8.JAN.2024 10:22:07

11N40SISO_Ant1_5795



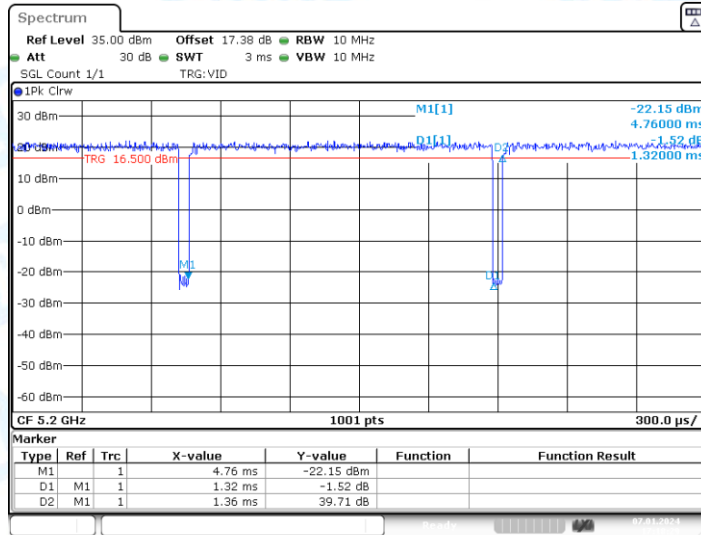
Date: 8.JAN.2024 10:29:38

11AC20SISO_Ant1_5180



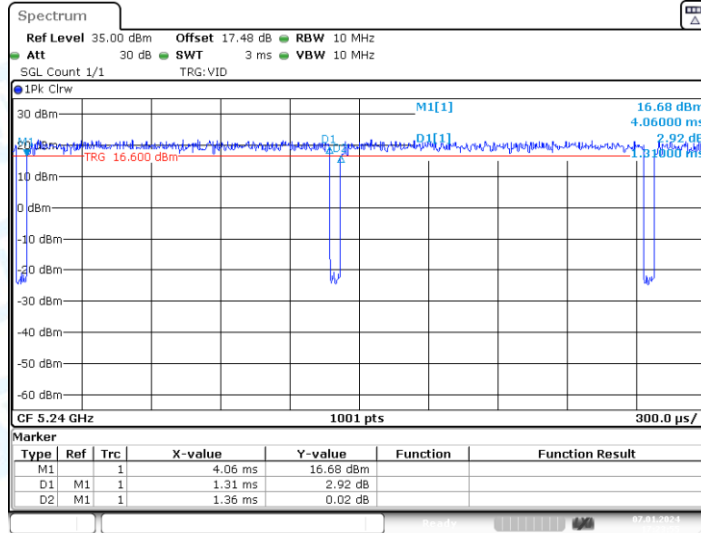
Date: 7.JAN.2024 17:12:36

11AC20SISO_Ant1_5200



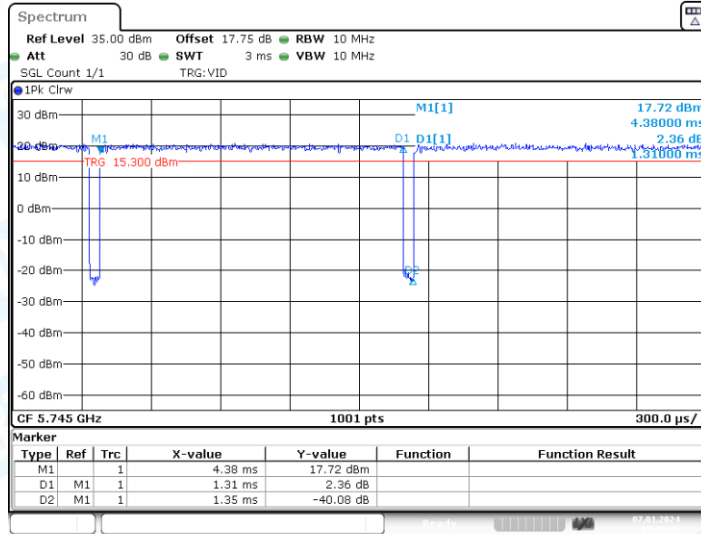
Date: 7.JAN.2024 17:18:29

11AC20SISO_Ant1_5240



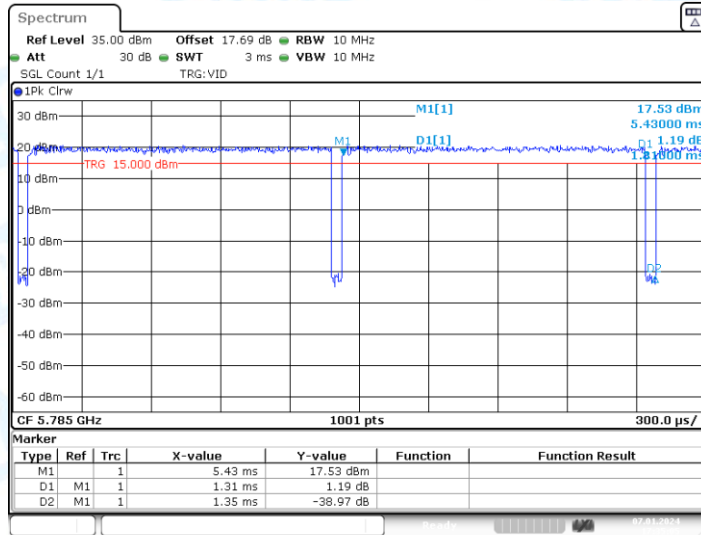
Date: 7.JAN.2024 17:23:56

11AC20SISO_Ant1_5745



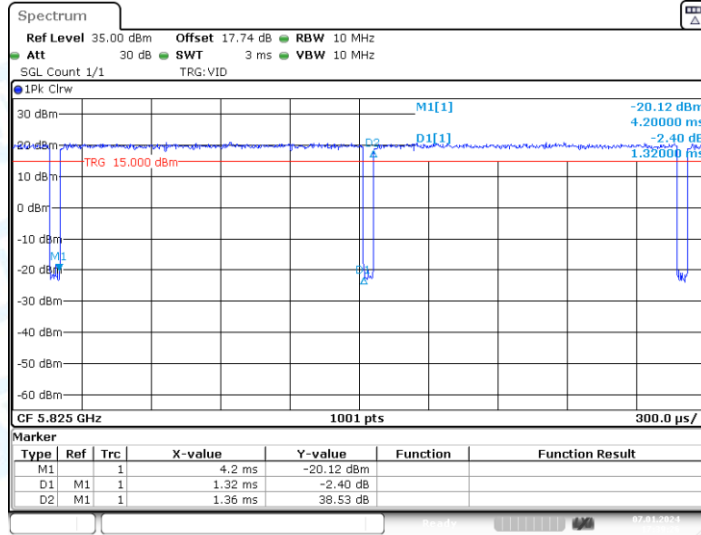
Date: 7.JAN.2024 17:29:45

11AC20SISO_Ant1_5785



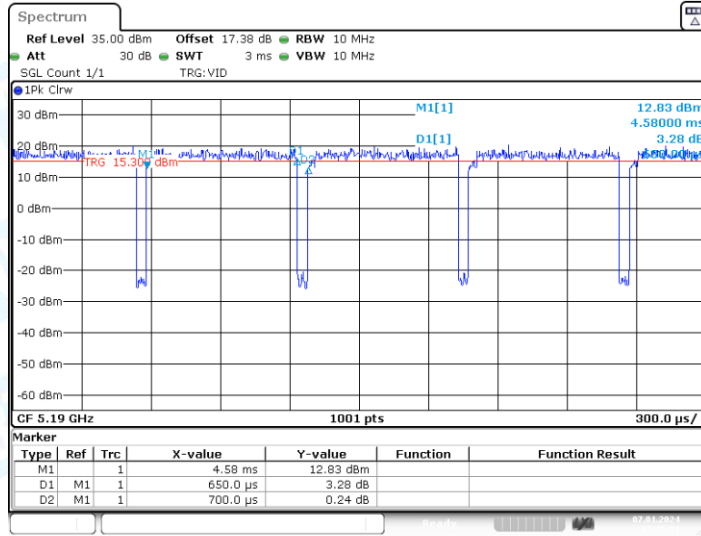
Date: 7.JAN.2024 17:35:05

11AC20SISO_Ant1_5825



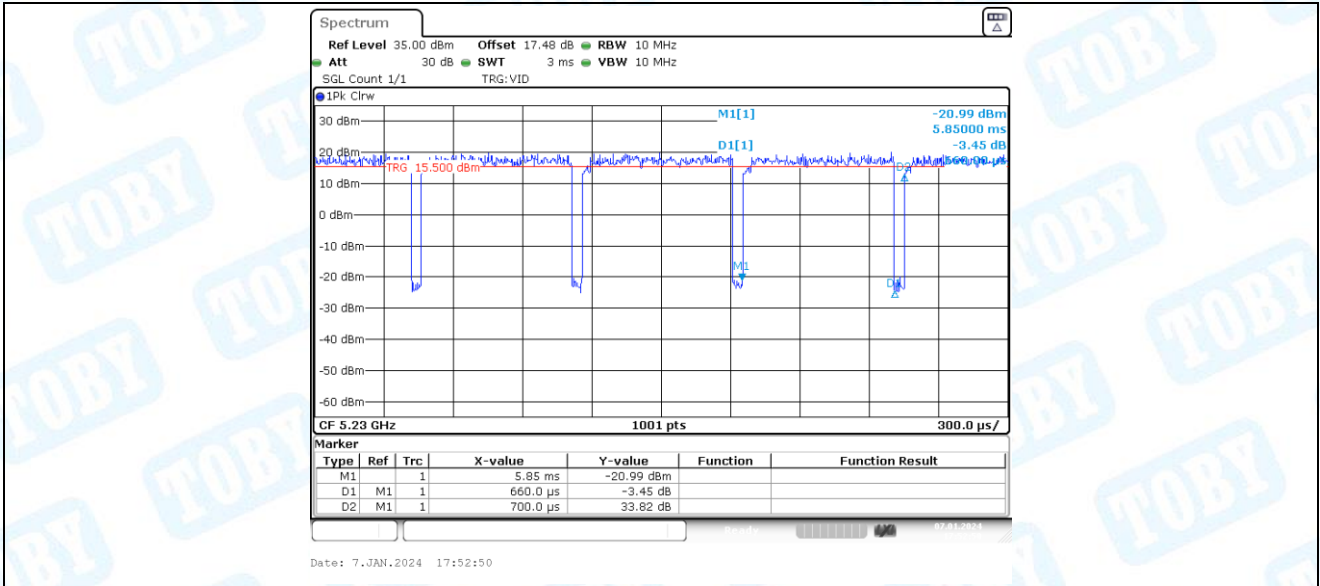
Date: 7.JAN.2024 17:39:26

11AC40SISO_Ant1_5190

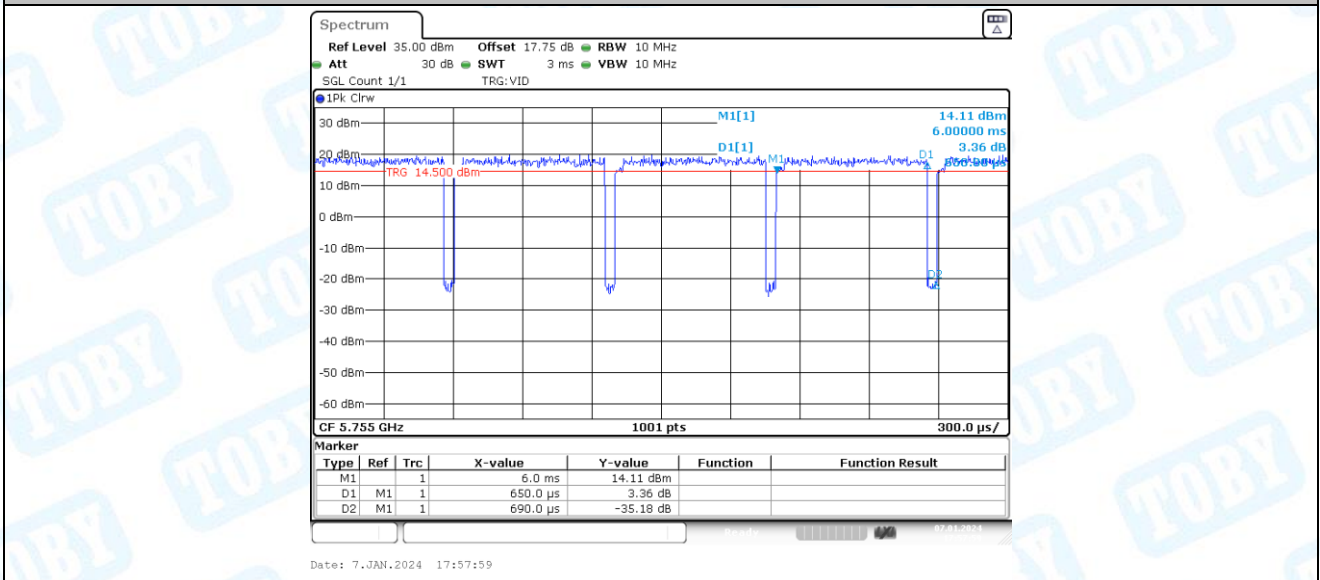


Date: 7.JAN.2024 17:45:00

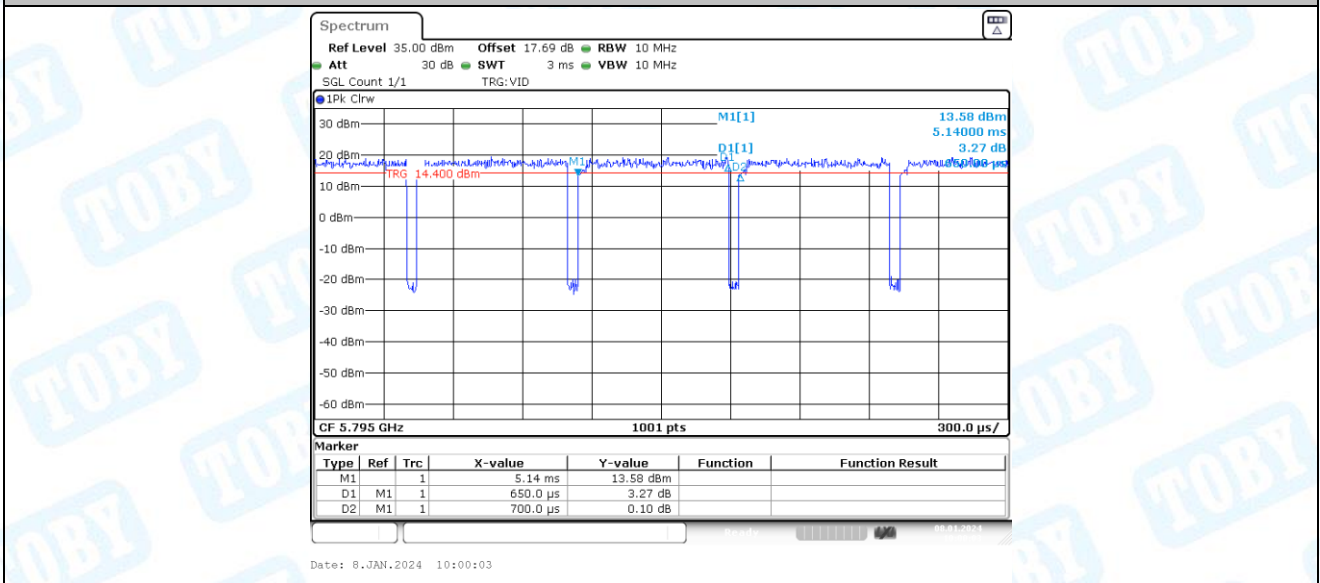
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



-----End of the report-----