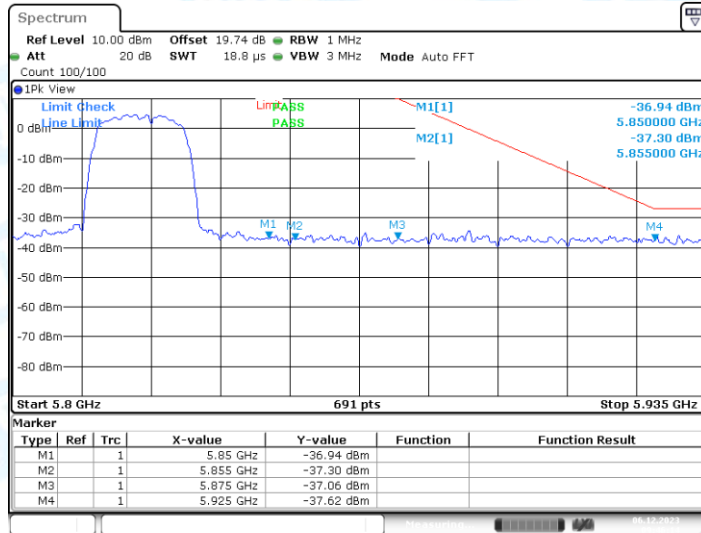


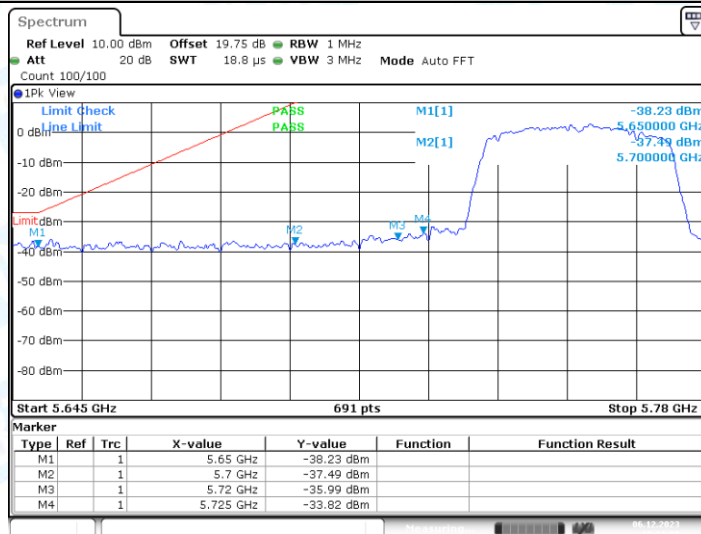
Date: 6.DEC.2023 10:02:37

11N20SISO_Ant1_High_5825_Peak



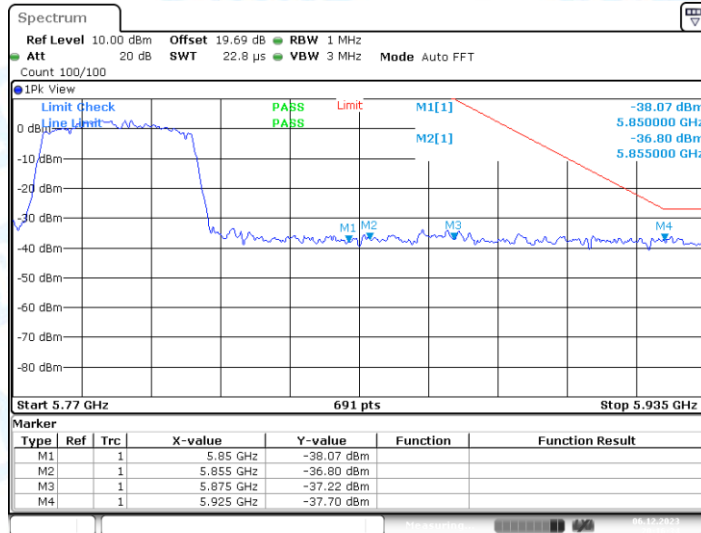
Date: 6.DEC.2023 09:46:14

11N40SISO_Ant1_Low_5755_Peak

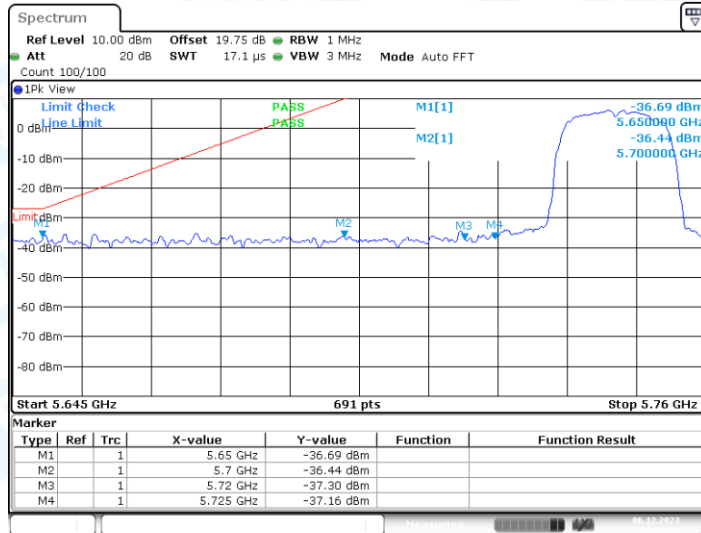


Date: 6.DEC.2023 10:11:08

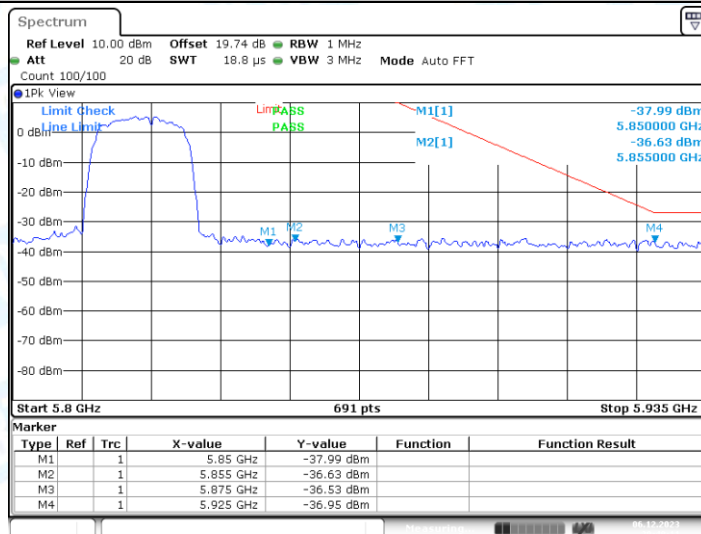
11N40SISO_Ant1_High_5795_Peak



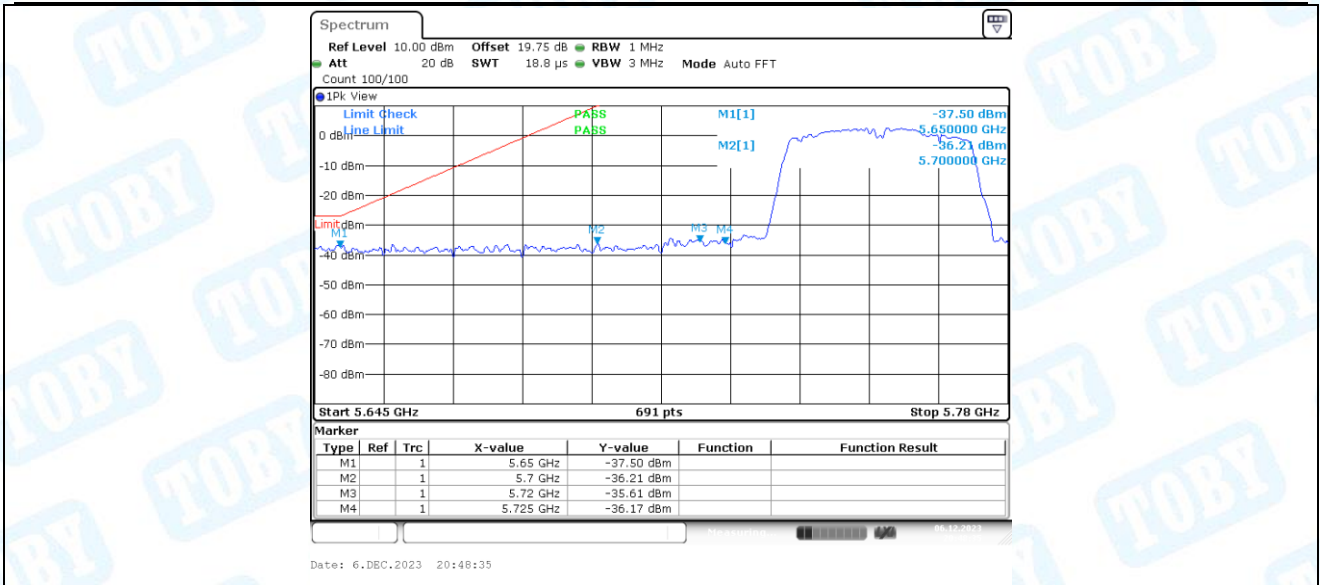
11AC20SISO_Ant1_Low_5745_Peak



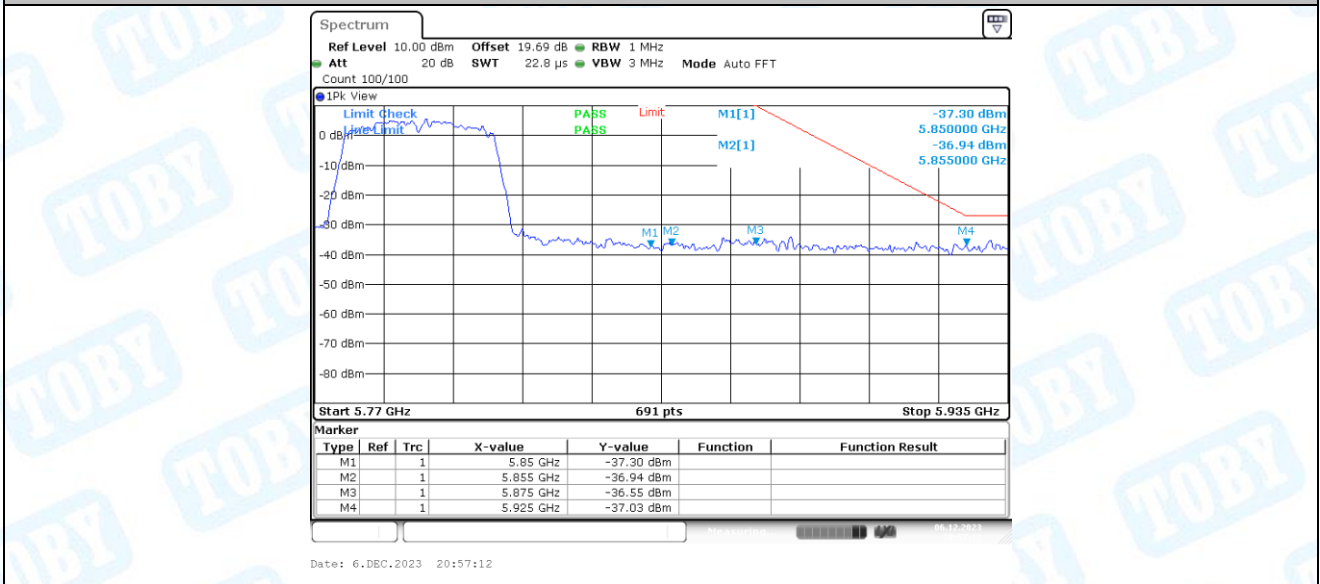
11AC20SISO_Ant1_High_5825_Peak



11AC40SISO_Ant1_Low_5755_Peak



11AC40SISO_Ant1_High_5795_Peak

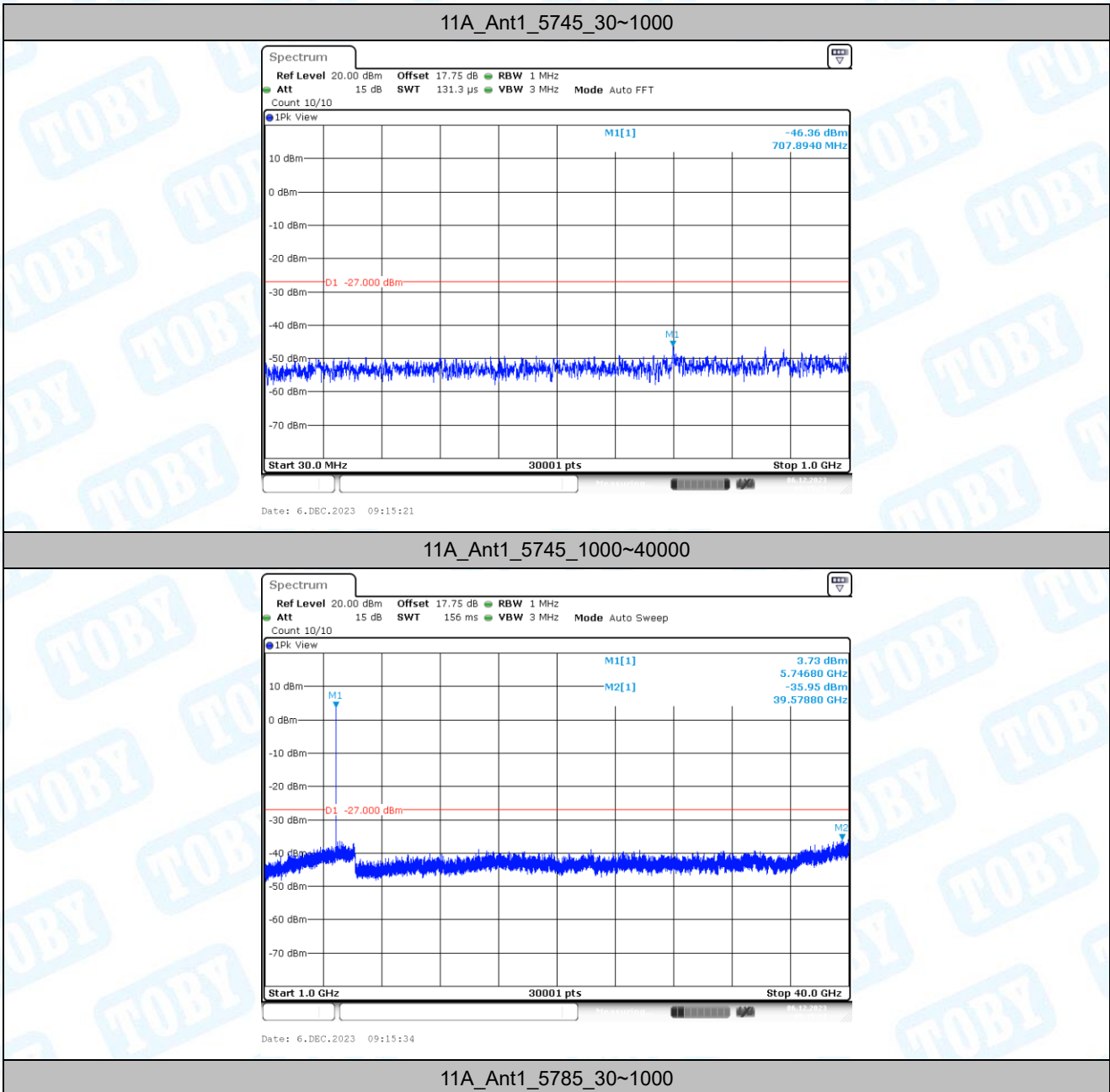


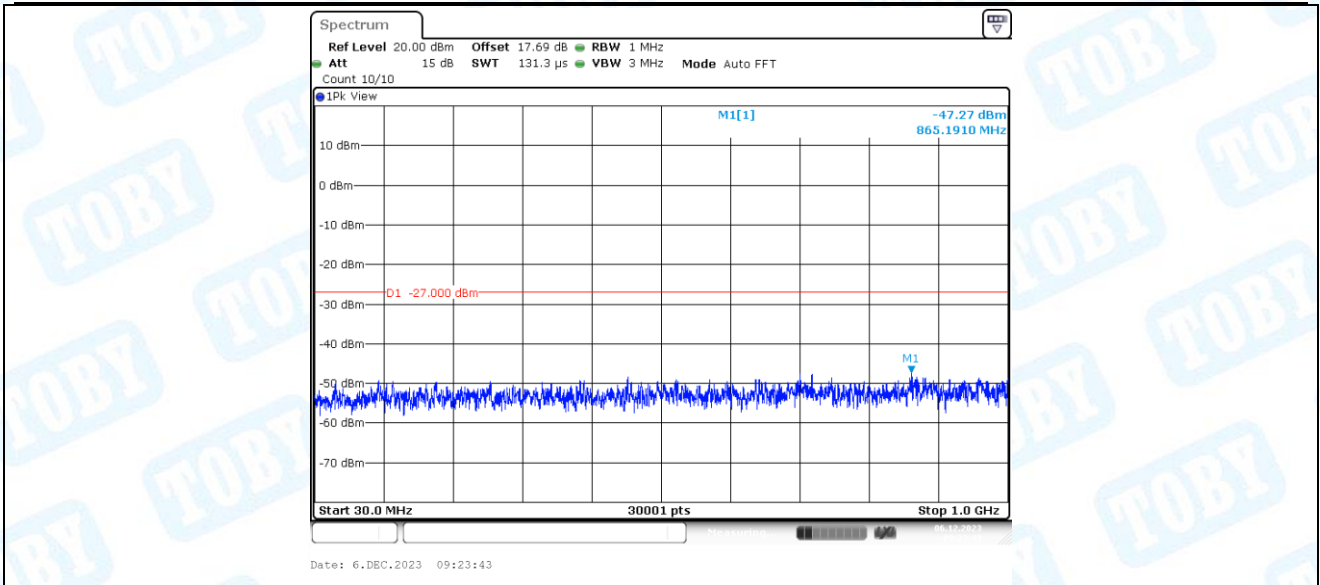
7. Conducted Spurious Emission

7.1. Test Result

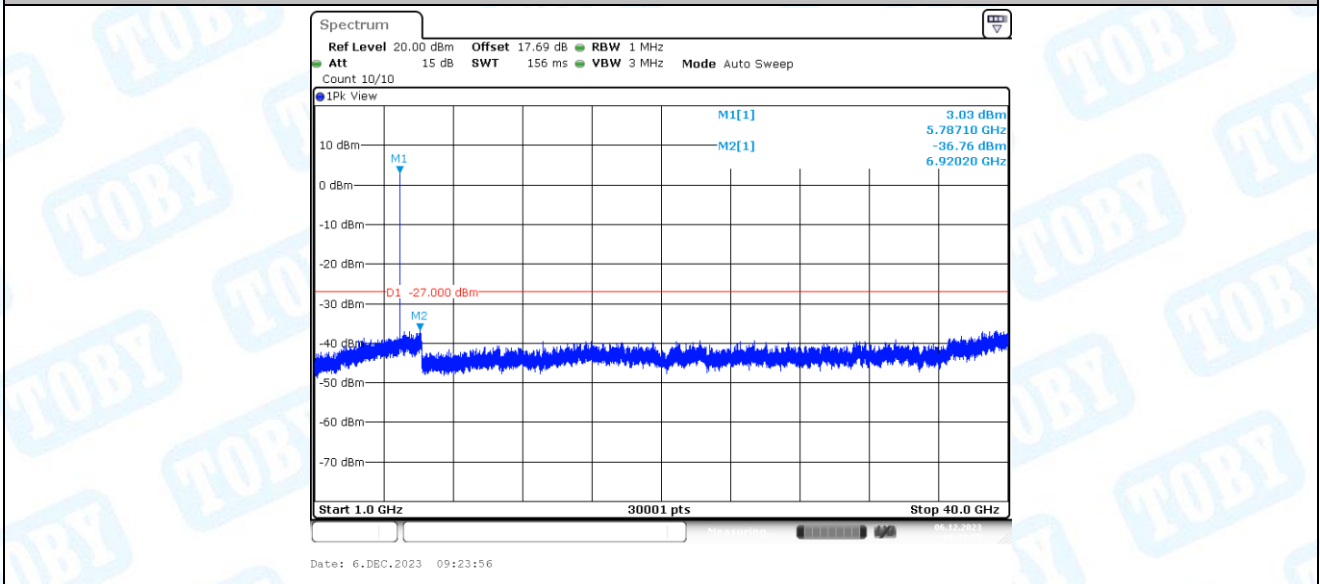
TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~1000	707.89	-46.36	≤-27	PASS
			1000~40000	39578.8	-35.95	≤-27	PASS
		5785	30~1000	865.19	-47.27	≤-27	PASS
			1000~40000	6920.2	-36.76	≤-27	PASS
		5825	30~1000	959.18	-47.22	≤-27	PASS
			1000~40000	39941.5	-35.66	≤-27	PASS
11N20SISO	Ant1	5745	30~1000	664.38	-47.62	≤-27	PASS
			1000~40000	39993.5	-36.02	≤-27	PASS
		5785	30~1000	889.25	-47.58	≤-27	PASS
			1000~40000	39897.3	-35.98	≤-27	PASS
		5825	30~1000	601.62	-47.03	≤-27	PASS
			1000~40000	39548.9	-34.73	≤-27	PASS
11N40SISO	Ant1	5755	30~1000	889.47	-46.03	≤-27	PASS
			1000~40000	39994.8	-36.19	≤-27	PASS
		5795	30~1000	713	-47.1	≤-27	PASS
			1000~40000	39030.2	-35.84	≤-27	PASS
11AC20SISO	Ant1	5745	30~1000	971.24	-47.63	≤-27	PASS
			1000~40000	39317.5	-36.3	≤-27	PASS
		5785	30~1000	892.8	-46.91	≤-27	PASS
			1000~40000	39438.4	-36.15	≤-27	PASS
		5825	30~1000	862.77	-45.95	≤-27	PASS
			1000~40000	39455.3	-36.09	≤-27	PASS
11AC40SISO	Ant1	5755	30~1000	664.67	-46.48	≤-27	PASS
			1000~40000	38937.9	-36.25	≤-27	PASS
		5795	30~1000	864.8	-46.67	≤-27	PASS
			1000~40000	39983.1	-36.23	≤-27	PASS

7.2. Test Graphs

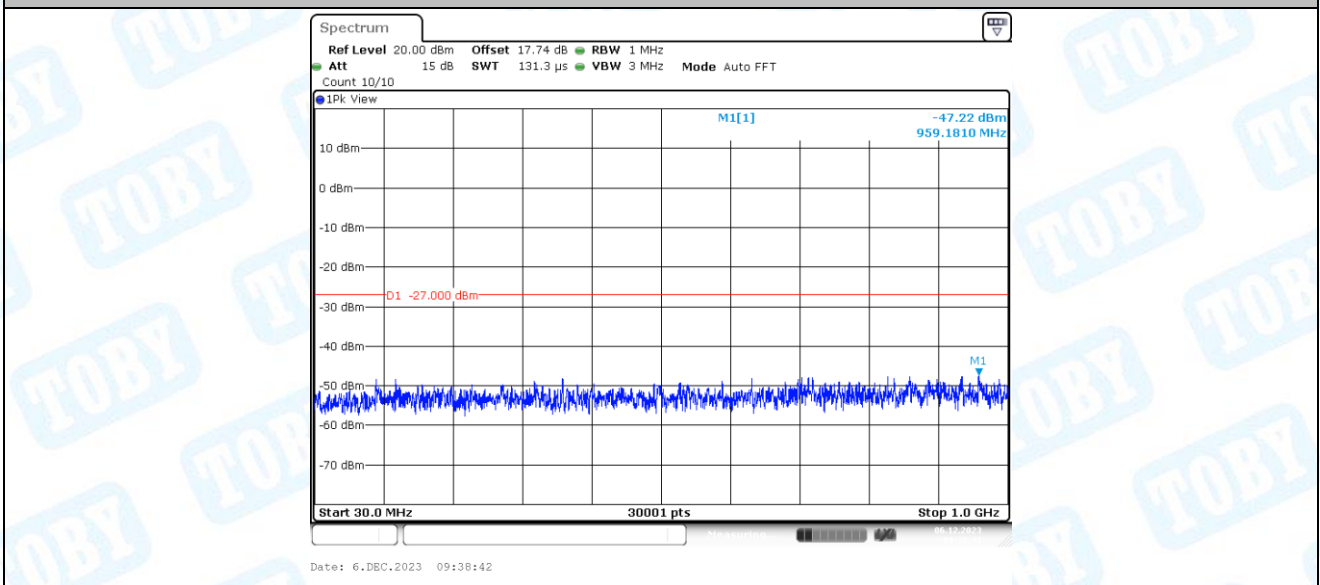




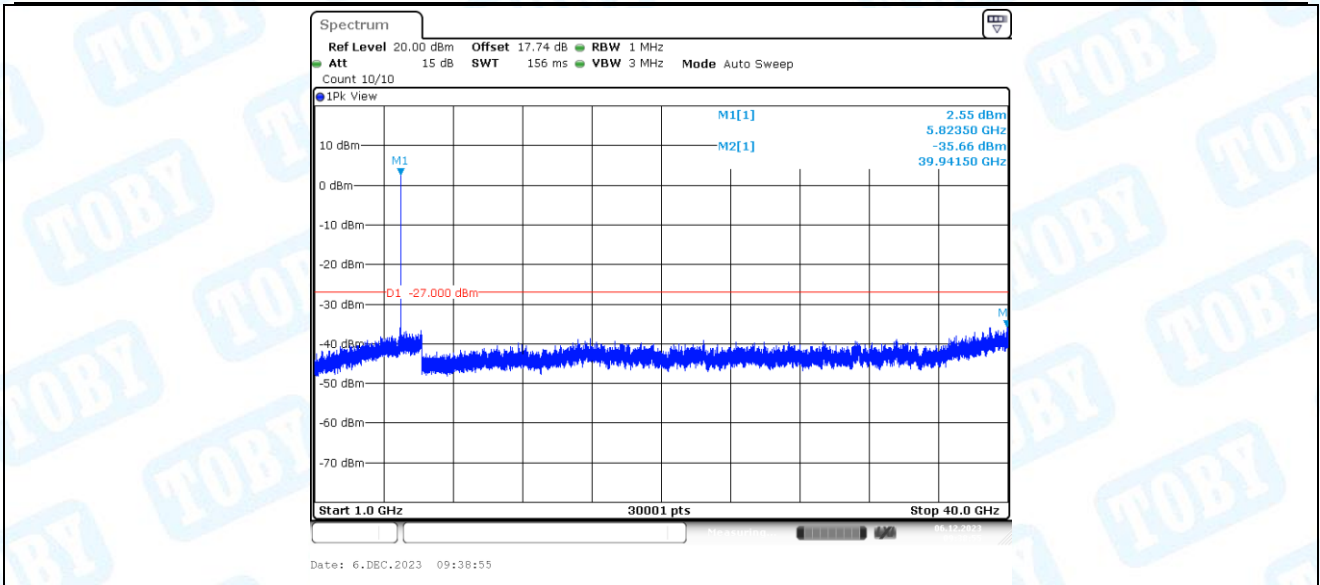
11A_Ant1_5785_1000~40000



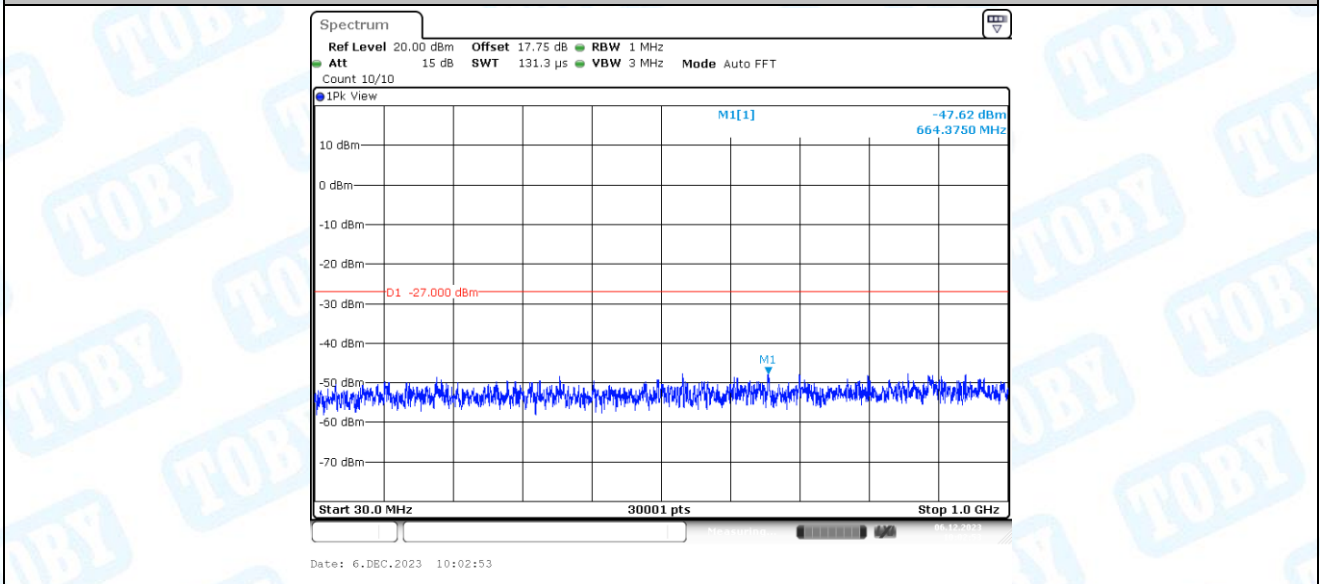
11A_Ant1_5825_30~1000



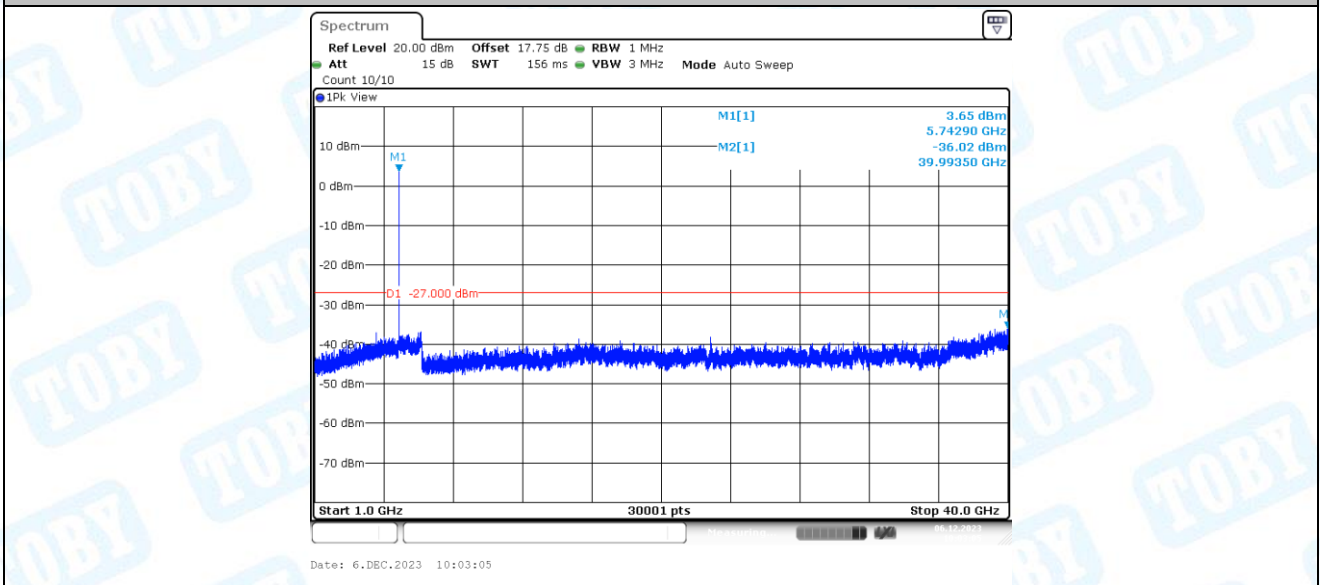
11A_Ant1_5825_1000~40000



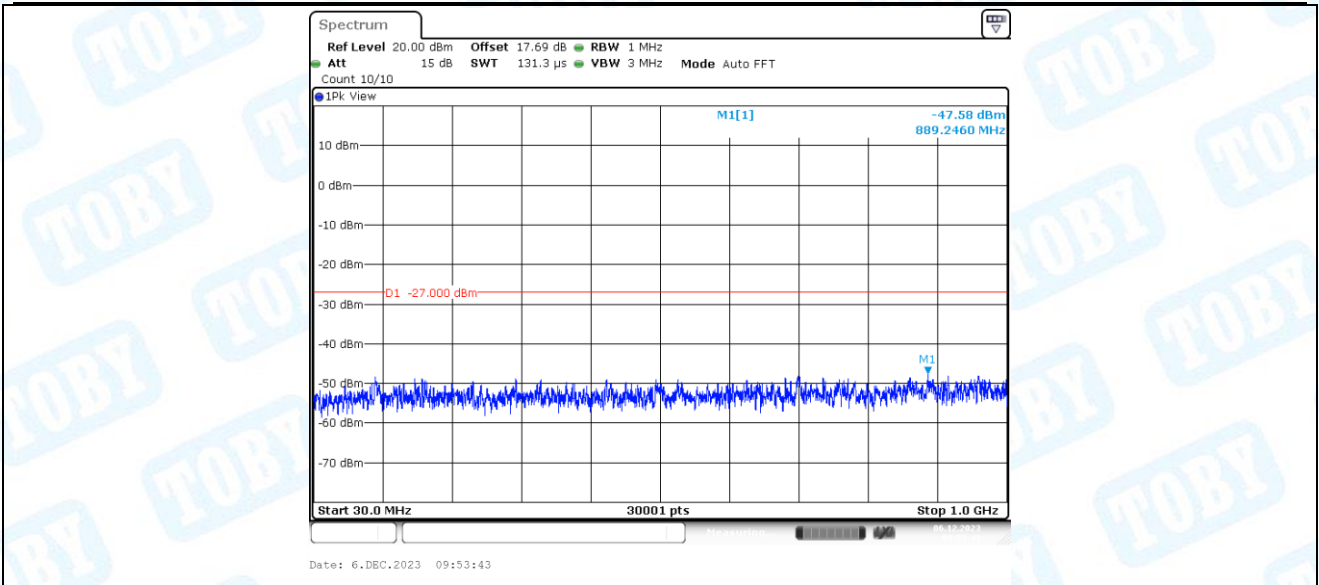
11N20SISO_Ant1_5745_30~1000



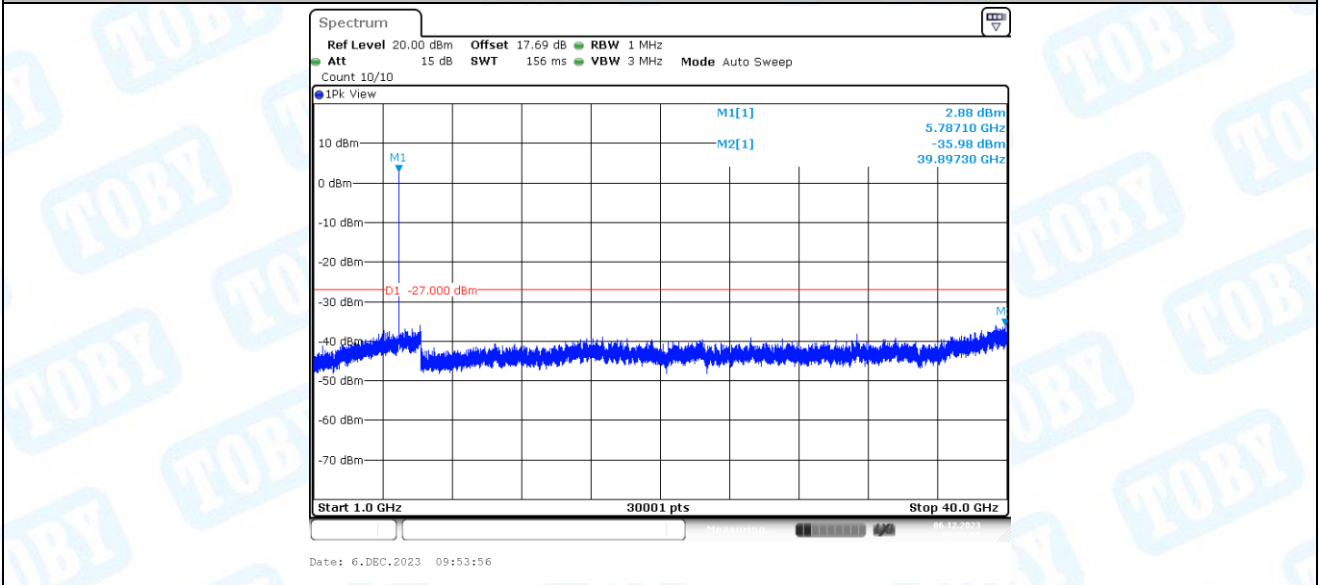
11N20SISO_Ant1_5745_1000~40000



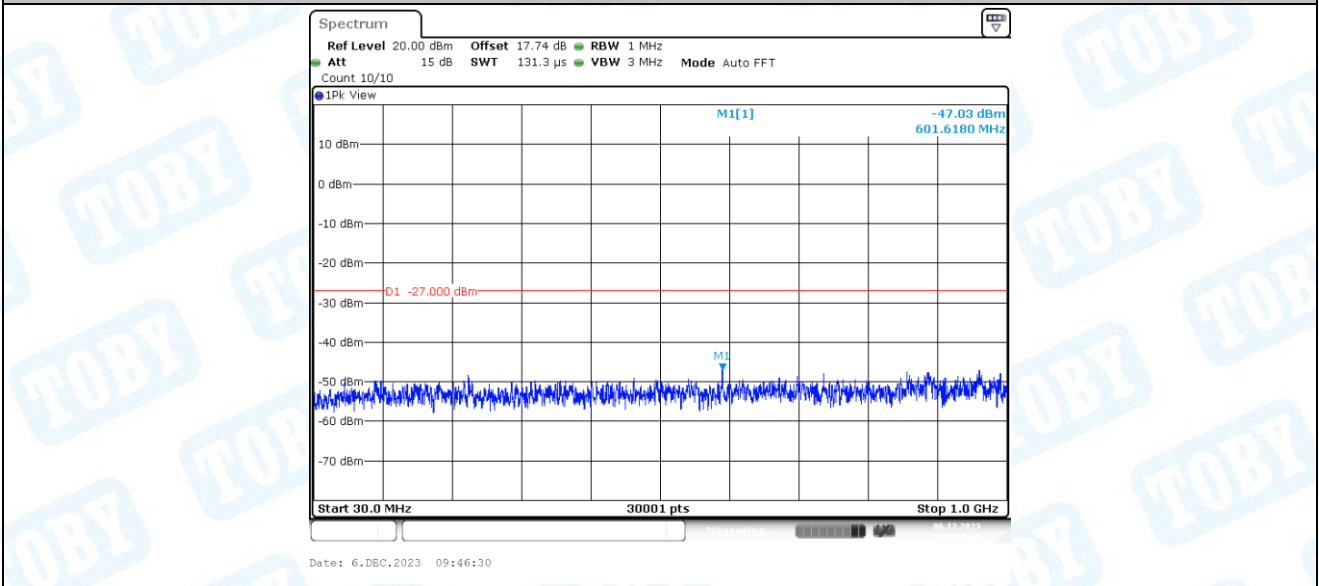
11N20SISO_Ant1_5785_30~1000



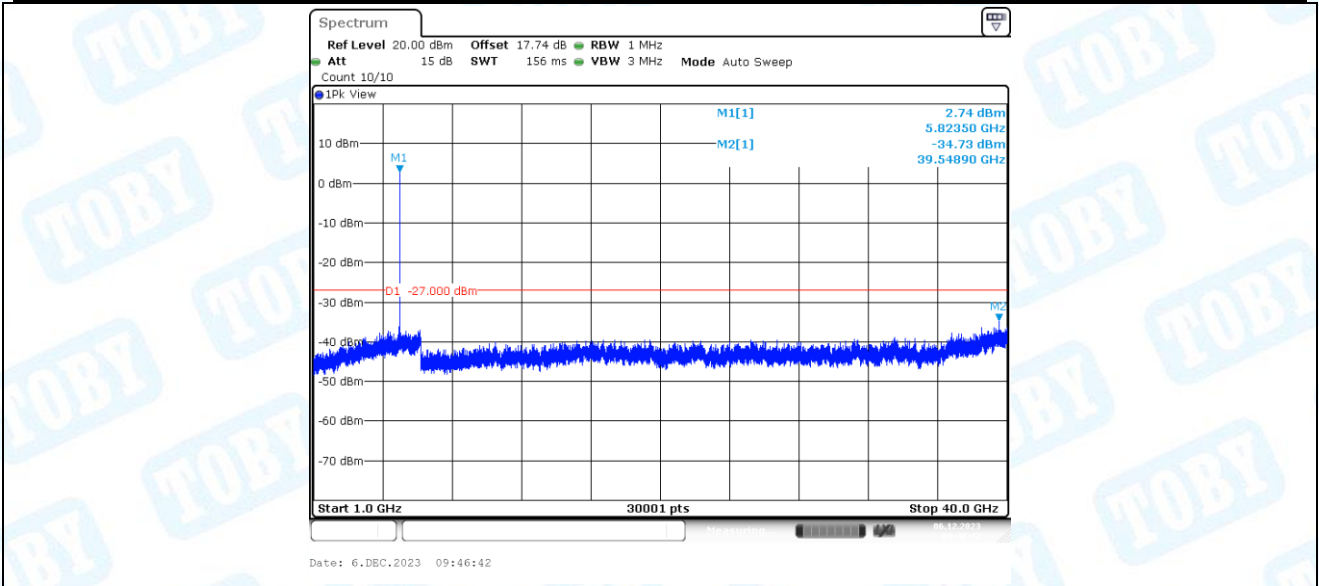
11N20SISO_Ant1_5785_1000~40000



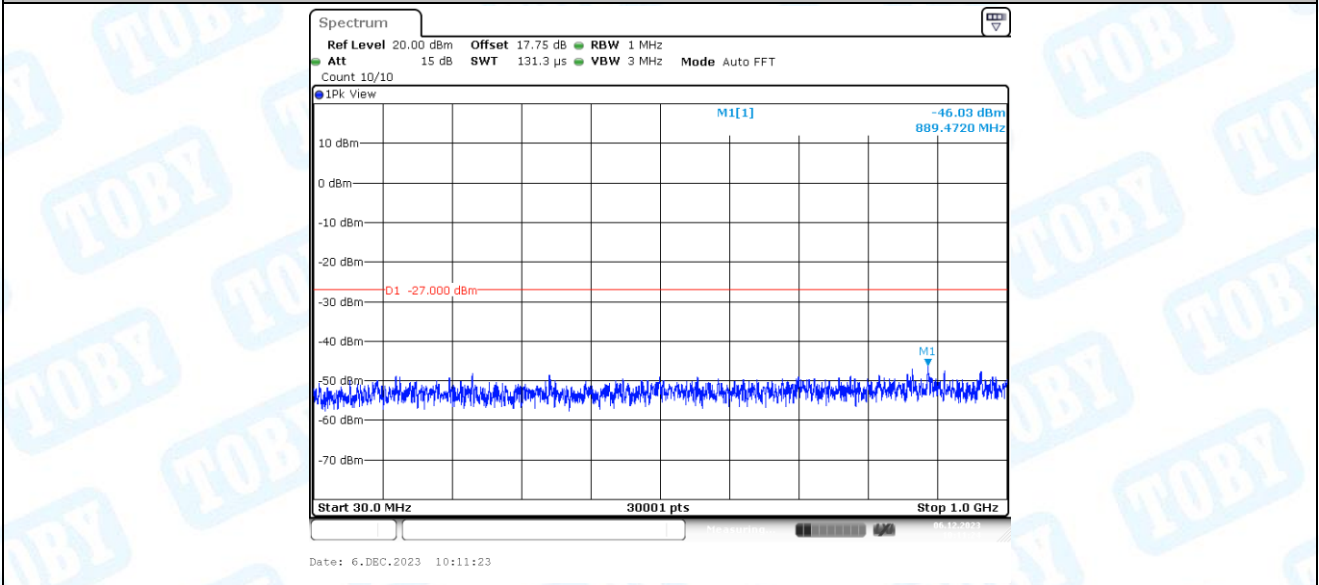
11N20SISO_Ant1_5825_30~1000



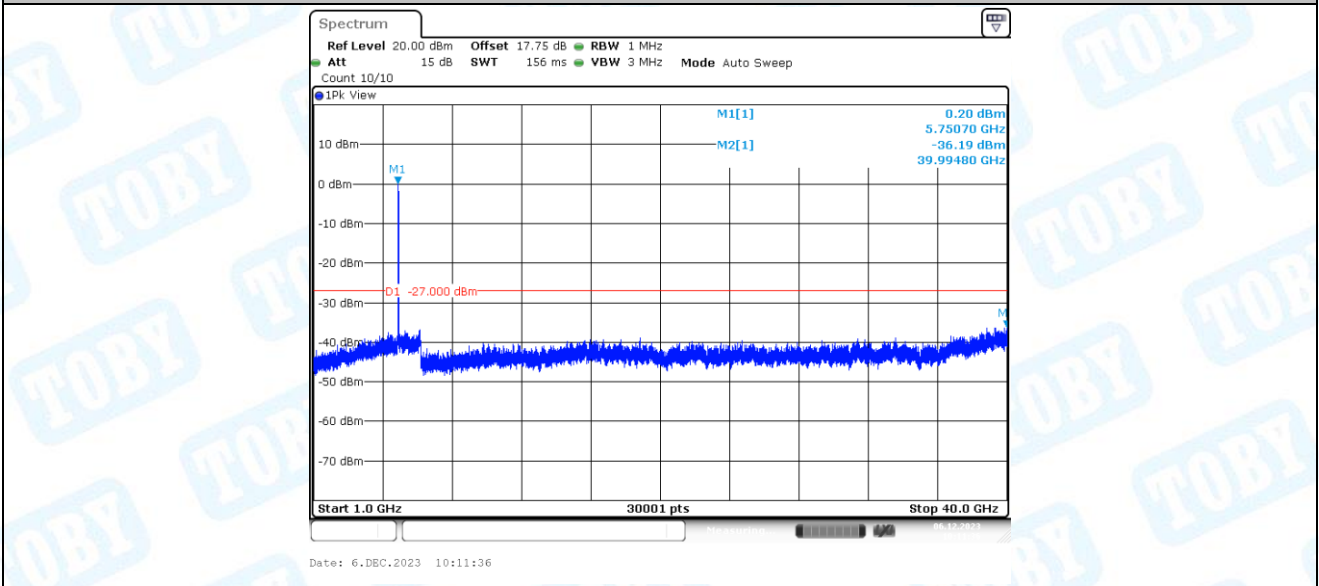
11N20SISO_Ant1_5825_1000~40000



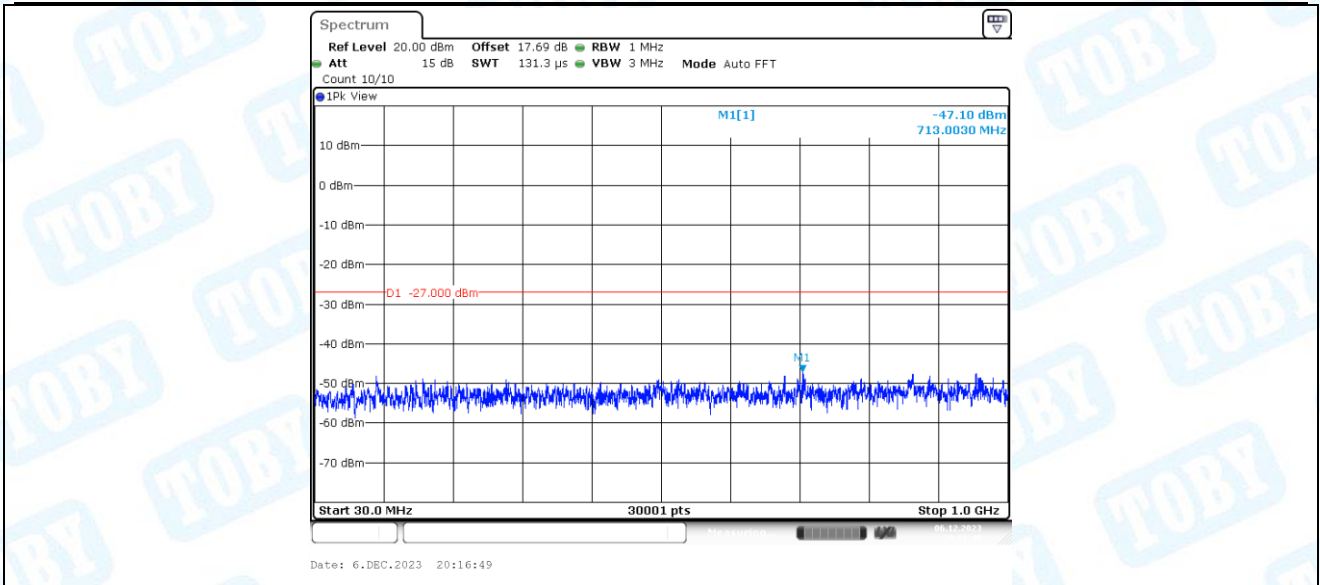
11N40SISO_Ant1_5755_30~1000



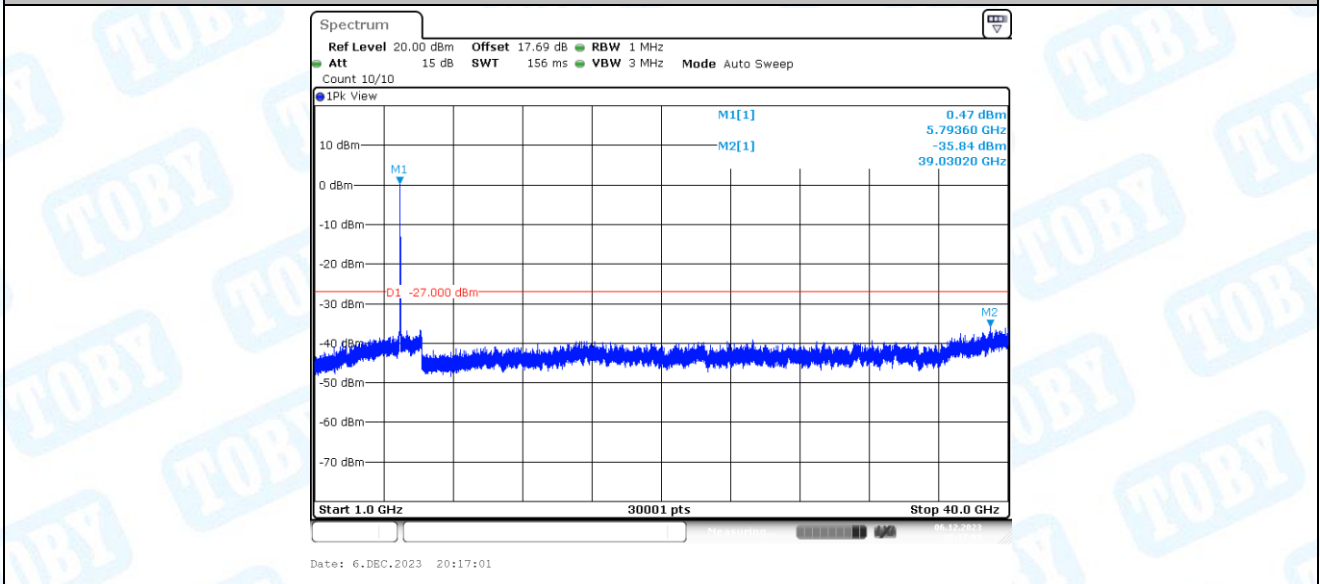
11N40SISO_Ant1_5755_1000~40000



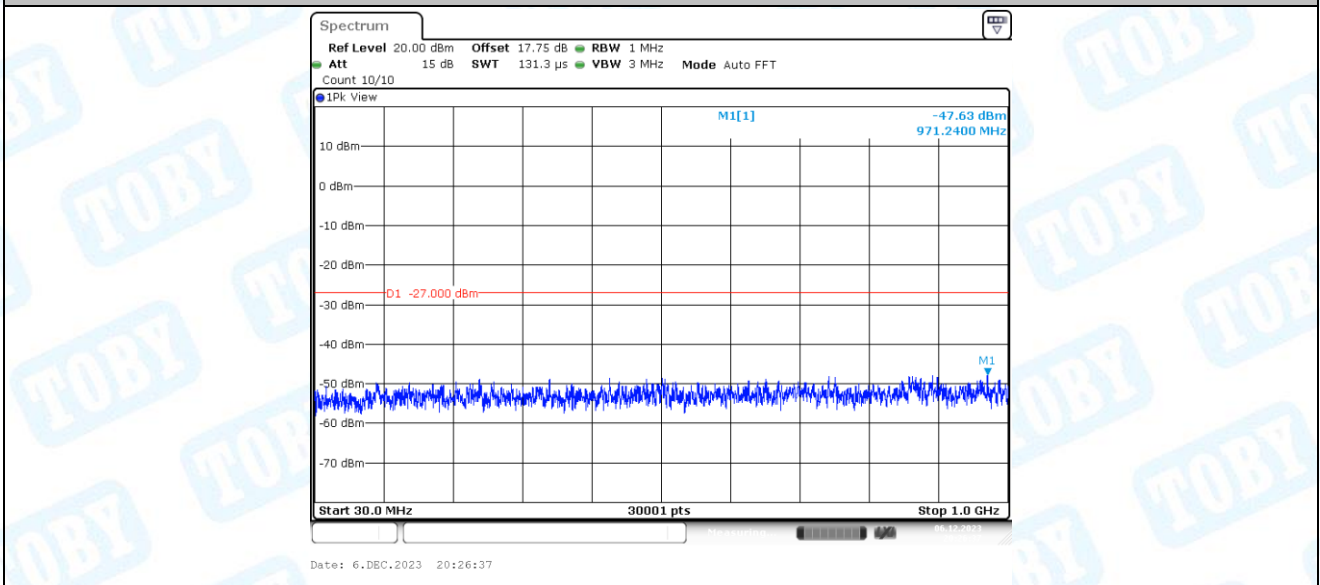
11N40SISO_Ant1_5795_30~1000



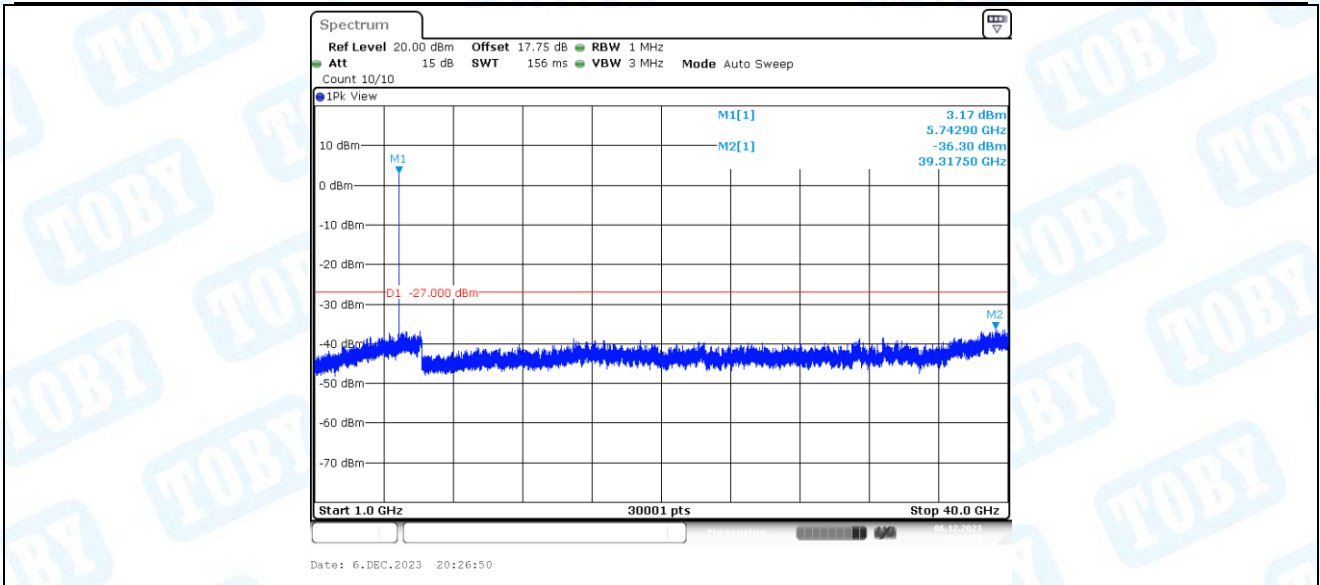
11N40SISO_Ant1_5795_1000~40000



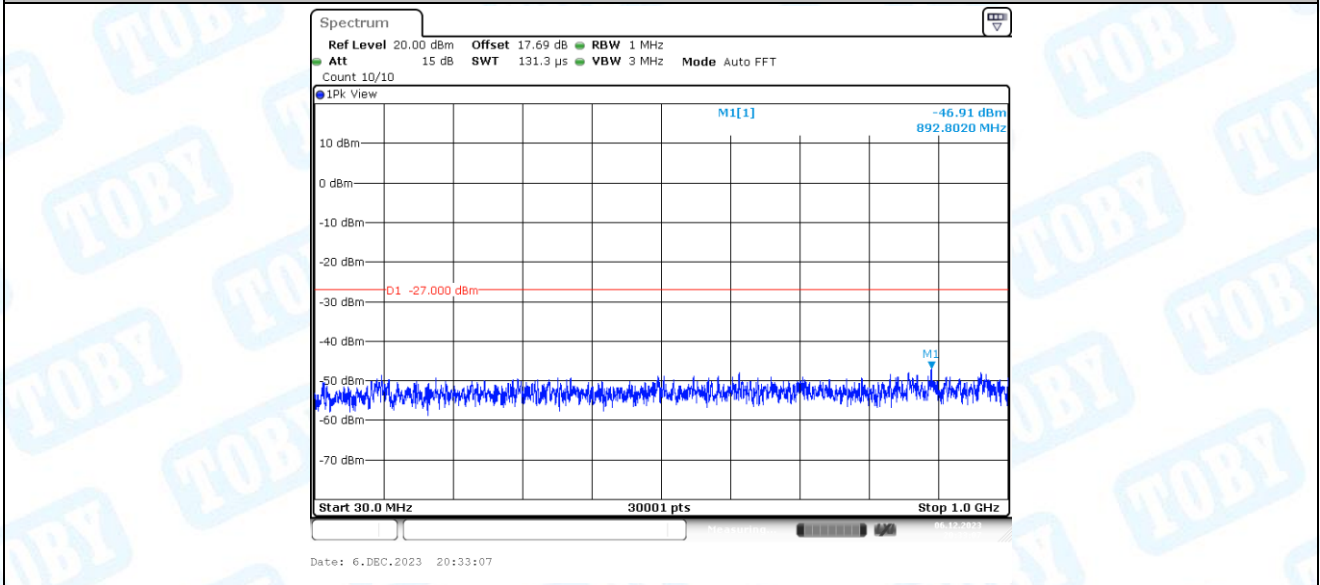
11AC20SISO_Ant1_5745_30~1000



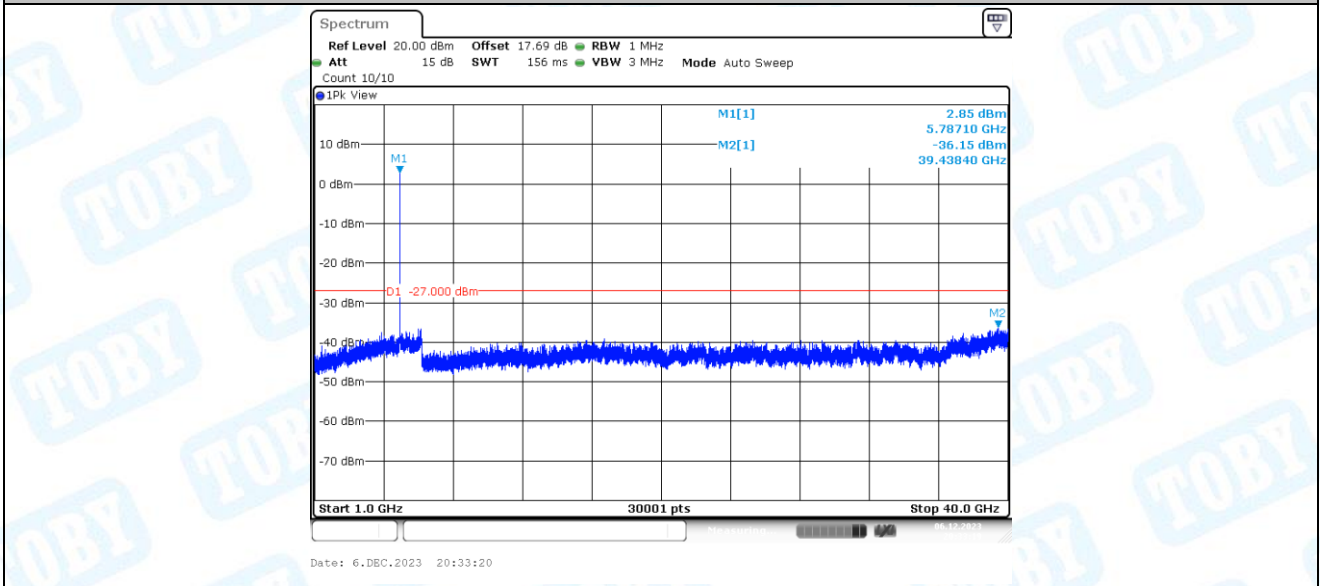
11AC20SISO_Ant1_5745_1000~40000



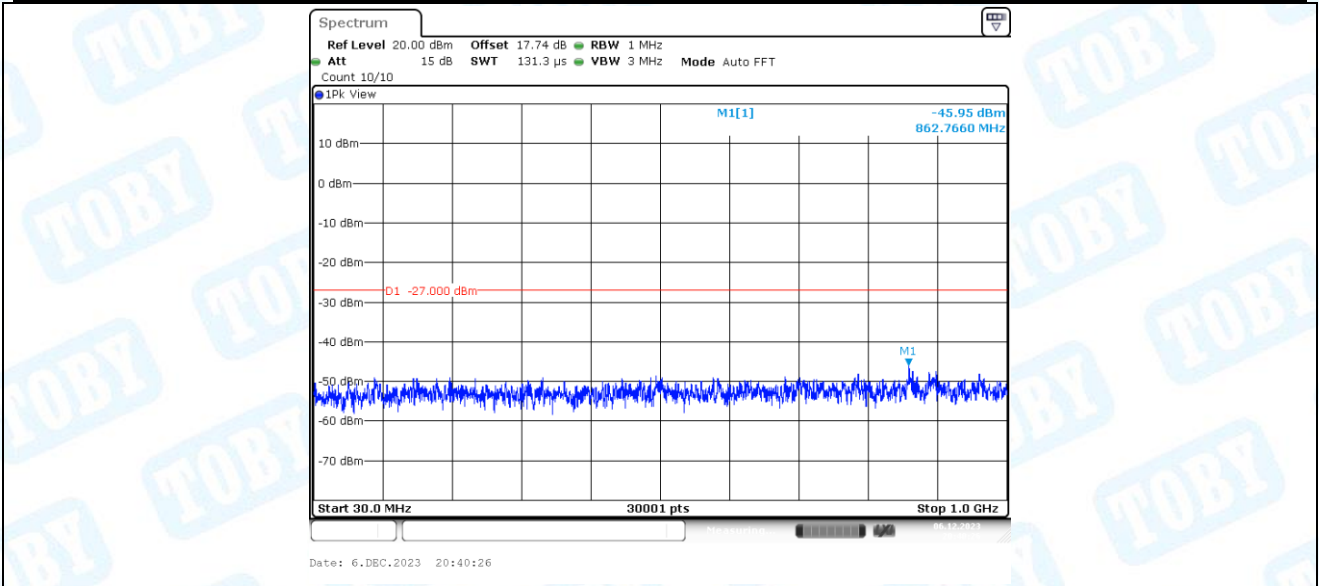
11AC20SISO_Ant1_5785_30~1000



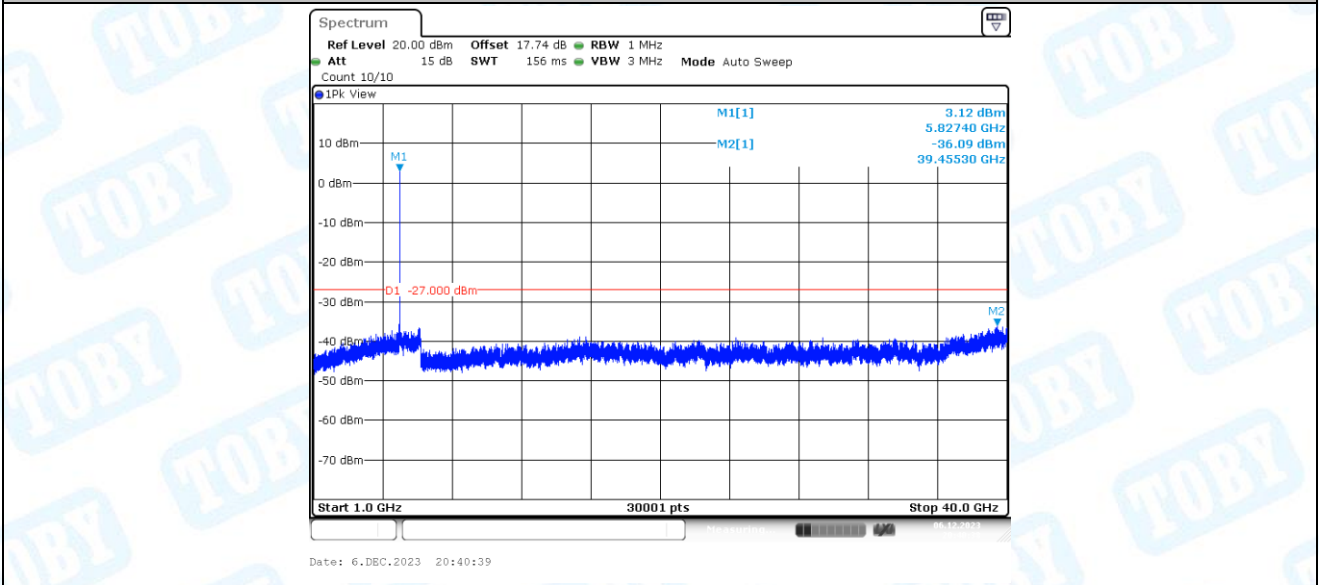
11AC20SISO_Ant1_5785_1000~40000



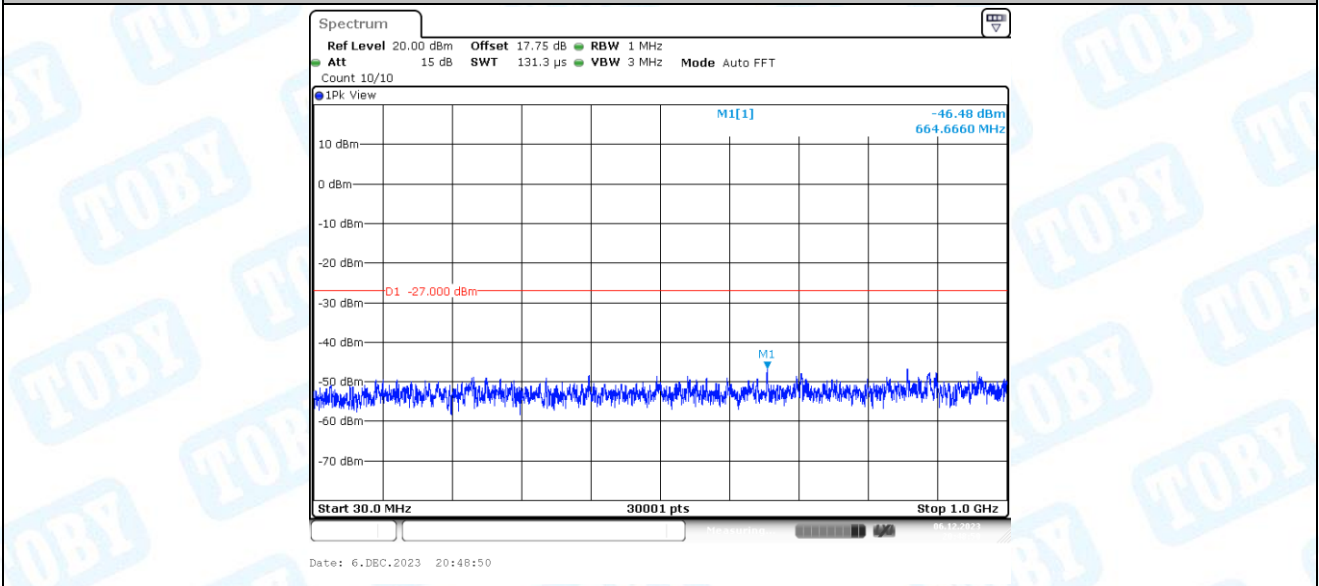
11AC20SISO_Ant1_5825_30~1000



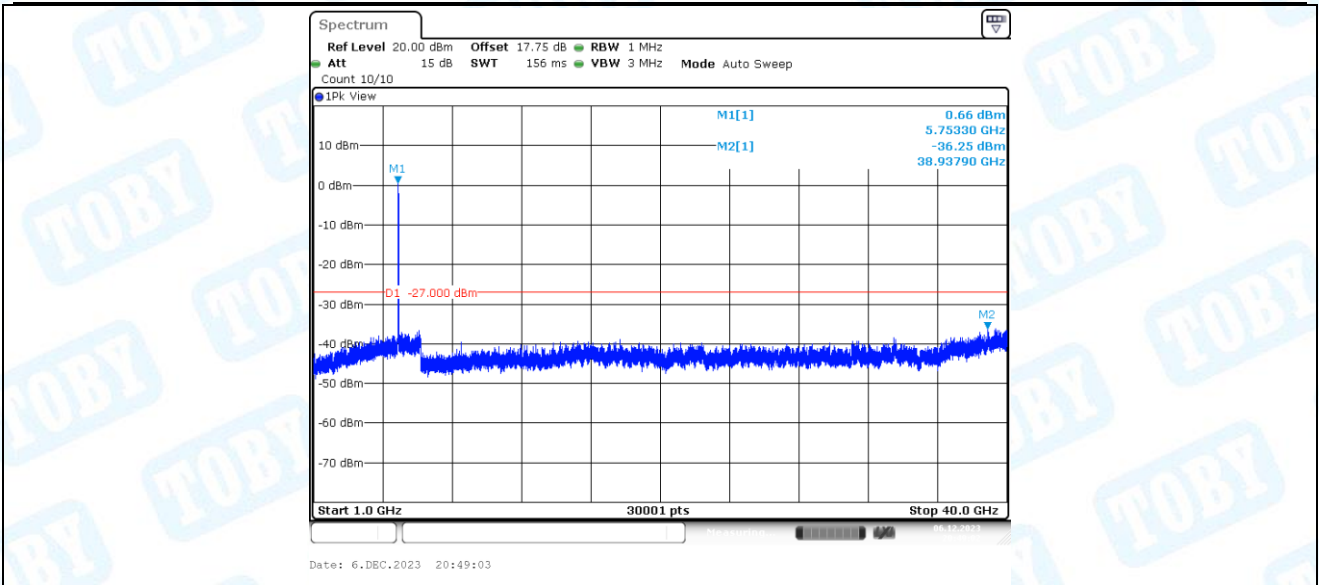
11AC20SISO_Ant1_5825_1000~40000



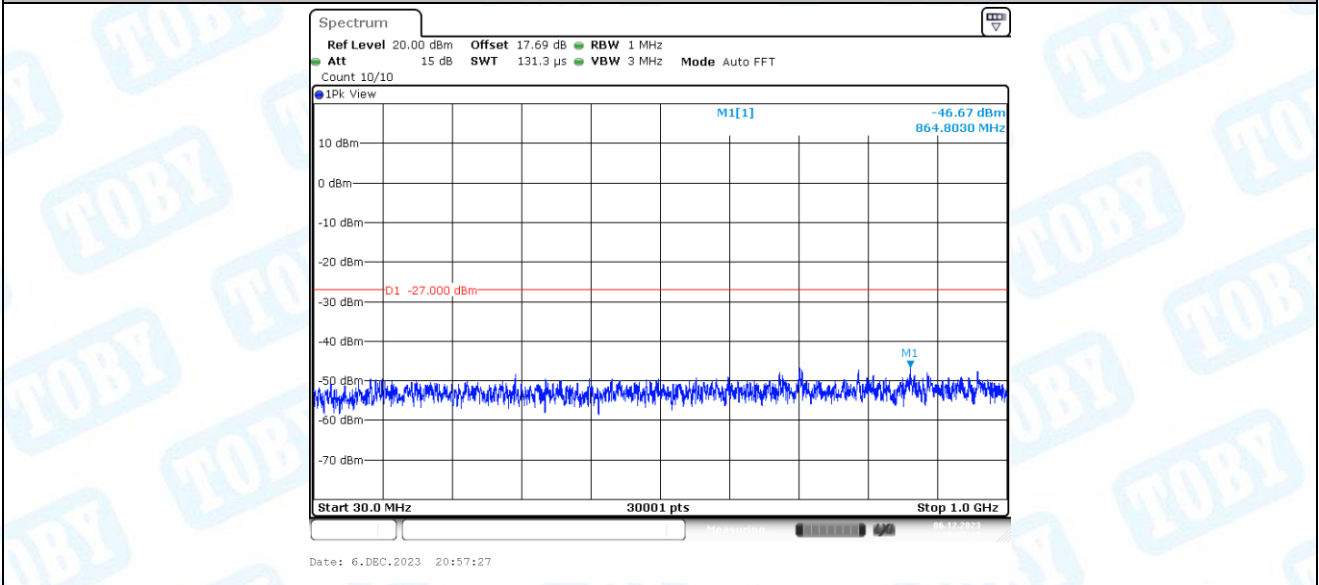
11AC40SISO_Ant1_5755_30~1000



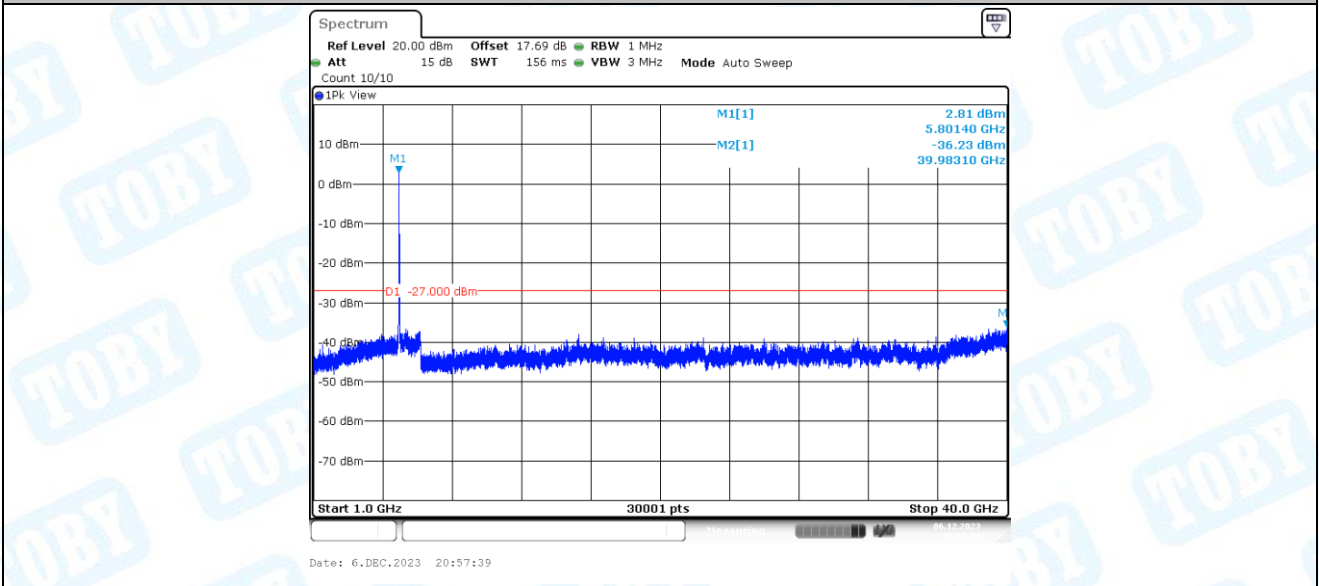
11AC40SISO_Ant1_5755_1000~40000



11AC40SISO_Ant1_5795_30~1000



11AC40SISO_Ant1_5795_1000~40000



8. Frequency Stability

8.1. Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5785	NV	NT	20000.00	3.457217	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.481288	20	PASS
		5785	NV	NT	-20000.00	-3.457217	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.457217	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.433476	20	PASS
11N40SISO	Ant1	5755	NV	NT	40000.00	6.950478	20	PASS
			LV	NT	0.00	0.000000	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	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5785	NV	NT	20000.00	3.457217	20	PASS
			LV	NT	20000.00	3.457217	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	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	0.00	0.000000	20	PASS
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Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.481288	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
		NV	50	-40000.00	-6.962576	20	PASS	
		NV	-30	0.00	0.000000	20	PASS	
		NV	-20	0.00	0.000000	20	PASS	
		NV	-10	-20000.00	-3.457217	20	PASS	
		NV	0	0.00	0.000000	20	PASS	
		NV	10	-20000.00	-3.457217	20	PASS	
		NV	20	0.00	0.000000	20	PASS	
		NV	30	-20000.00	-3.457217	20	PASS	
		NV	40	0.00	0.000000	20	PASS	
		NV	50	-20000.00	-3.457217	20	PASS	
		NV	-30	0.00	0.000000	20	PASS	
		NV	-20	-20000.00	-3.433476	20	PASS	
		NV	-10	0.00	0.000000	20	PASS	
		NV	0	-20000.00	-3.433476	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	40	-20000.00	-3.433476	20	PASS	
		NV	50	0.00	0.000000	20	PASS	
		11N20SISO	Ant1	5745	NV	-30	20000.00	3.481288
NV	-20				0.00	0.000000	20	PASS
NV	-10				-20000.00	-3.481288	20	PASS
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				0.00	0.000000	20	PASS
NV	40				-20000.00	-3.481288	20	PASS
NV	50			0.00	0.000000	20	PASS	
NV	-30			-20000.00	-3.457217	20	PASS	
NV	-20			-20000.00	-3.457217	20	PASS	
NV	-10			-20000.00	-3.457217	20	PASS	
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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5825	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.433476	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.433476	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
		5795	NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
11AC20SISO O	Ant1	5745	NV	20	-40000.00	-6.902502	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.481288	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
		5785	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.457217	20	PASS
			NV	0	0.00	0.000000	20	PASS

11AC40SIS O	Ant1	5825	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
			NV	40	-20000.00	-3.457217	20	PASS
			NV	50	20000.00	3.457217	20	PASS
		NV	-30	0.00	0.000000	20	PASS	
		NV	-20	0.00	0.000000	20	PASS	
		NV	-10	20000.00	3.433476	20	PASS	
		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	0.00	0.000000	20	PASS		
	NV	40	0.00	0.000000	20	PASS		
	NV	50	0.00	0.000000	20	PASS		
	NV	-30	0.00	0.000000	20	PASS		
	NV	-20	0.00	0.000000	20	PASS		
	NV	-10	0.00	0.000000	20	PASS		
	NV	0	0.00	0.000000	20	PASS		
	5755	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		40	0.00	0.000000	20	PASS		
NV		50	0.00	0.000000	20	PASS		
NV		-30	0.00	0.000000	20	PASS		
NV		-20	0.00	0.000000	20	PASS		
NV		-10	0.00	0.000000	20	PASS		
NV		0	-40000.00	-6.902502	20	PASS		
NV		10	0.00	0.000000	20	PASS		
5795	NV	20	0.00	0.000000	20	PASS		
	NV	30	0.00	0.000000	20	PASS		
	NV	40	0.00	0.000000	20	PASS		
	NV	50	0.00	0.000000	20	PASS		
	NV	-30	0.00	0.000000	20	PASS		
	NV	-20	0.00	0.000000	20	PASS		
	NV	-10	0.00	0.000000	20	PASS		
	NV	0	0.00	0.000000	20	PASS		

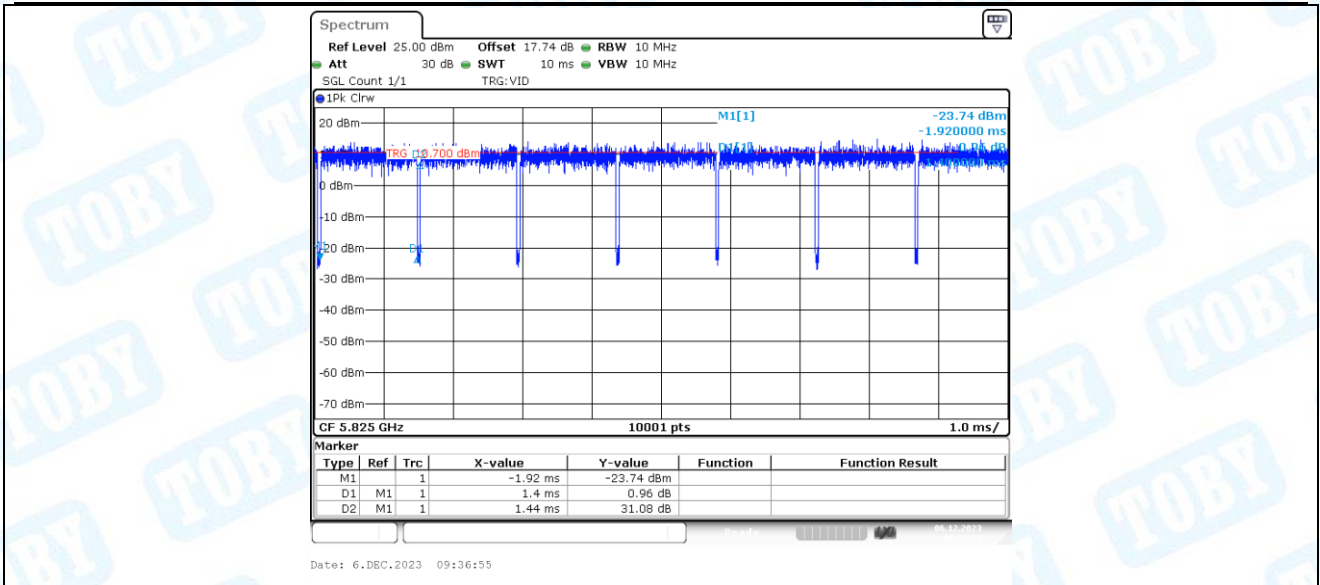
9. Duty Cycle

9.1. Test Result

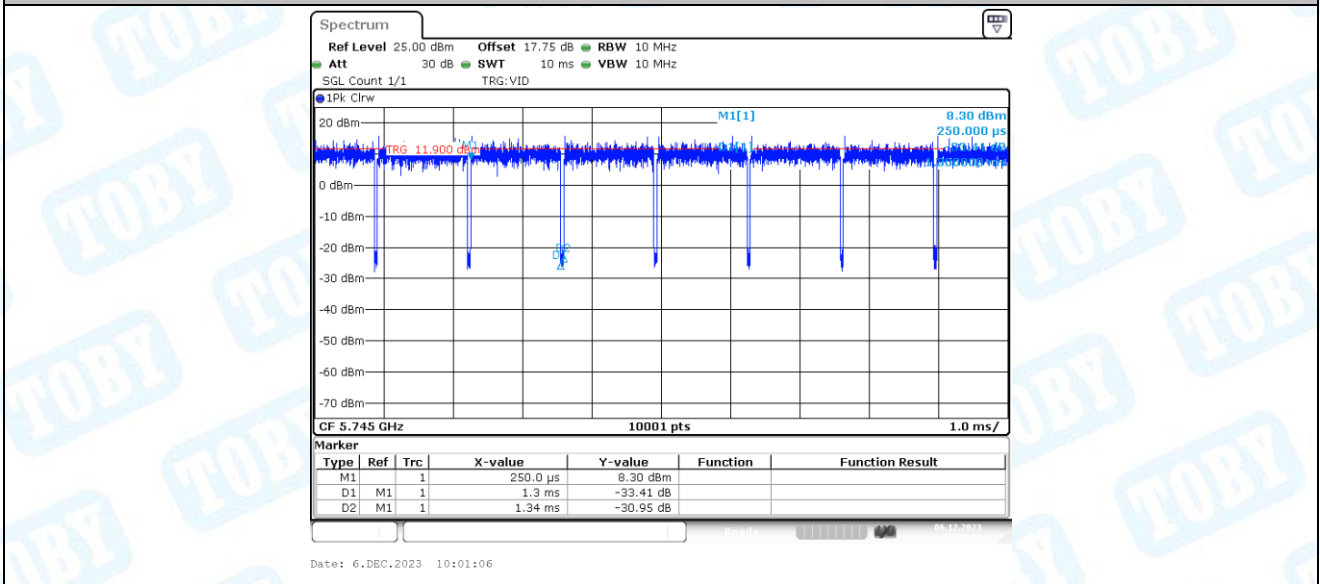
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]	Limit	Verdict
11A	Ant1	5745	1.39	1.44	96.53	0.719424	---	---
		5785	1.39	1.44	96.53	0.719424	---	---
		5825	1.40	1.44	97.22	0.714286	---	---
11N20SISO	Ant1	5745	1.30	1.34	97.01	0.769231	---	---
		5785	1.30	1.34	97.01	0.769231	---	---
		5825	1.30	1.34	97.01	0.769231	---	---
11N40SISO	Ant1	5755	0.64	0.69	92.75	1.5625	---	---
		5795	0.65	0.69	94.20	1.538462	---	---
11AC20SISO	Ant1	5745	1.31	1.35	97.04	0.763359	---	---
		5785	1.31	1.35	97.04	0.763359	---	---
		5825	1.32	1.36	97.06	0.757576	---	---
11AC40SISO	Ant1	5755	0.65	0.69	94.20	1.538462	---	---
		5795	0.65	0.70	92.86	1.538462	---	---

9.2. Test Graphs

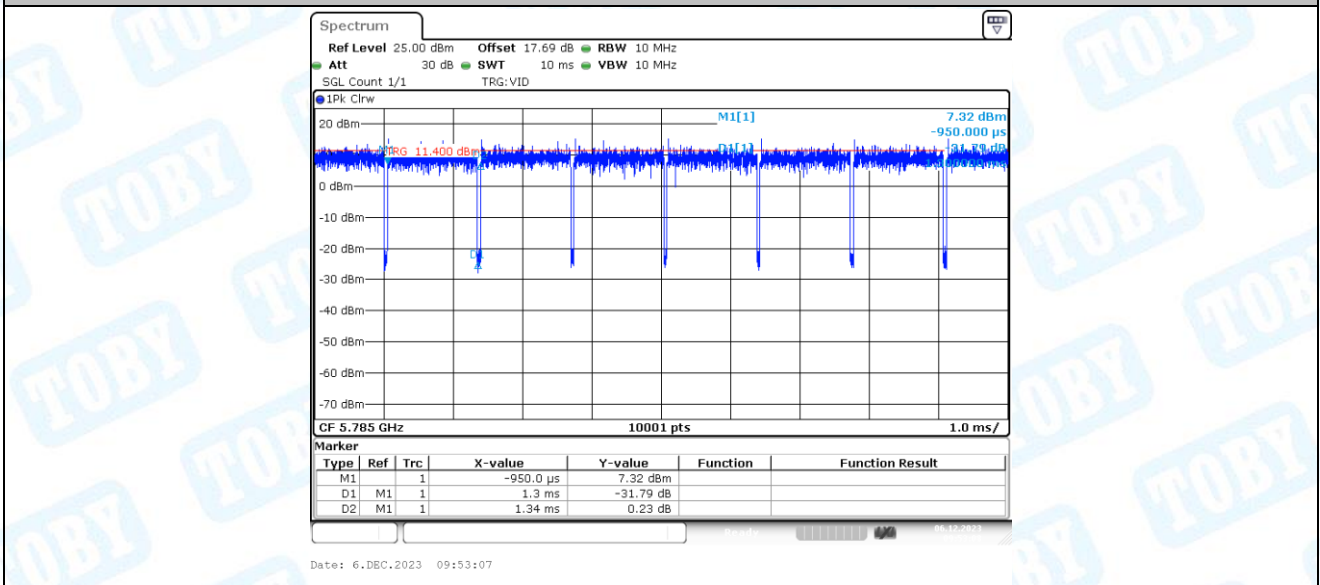




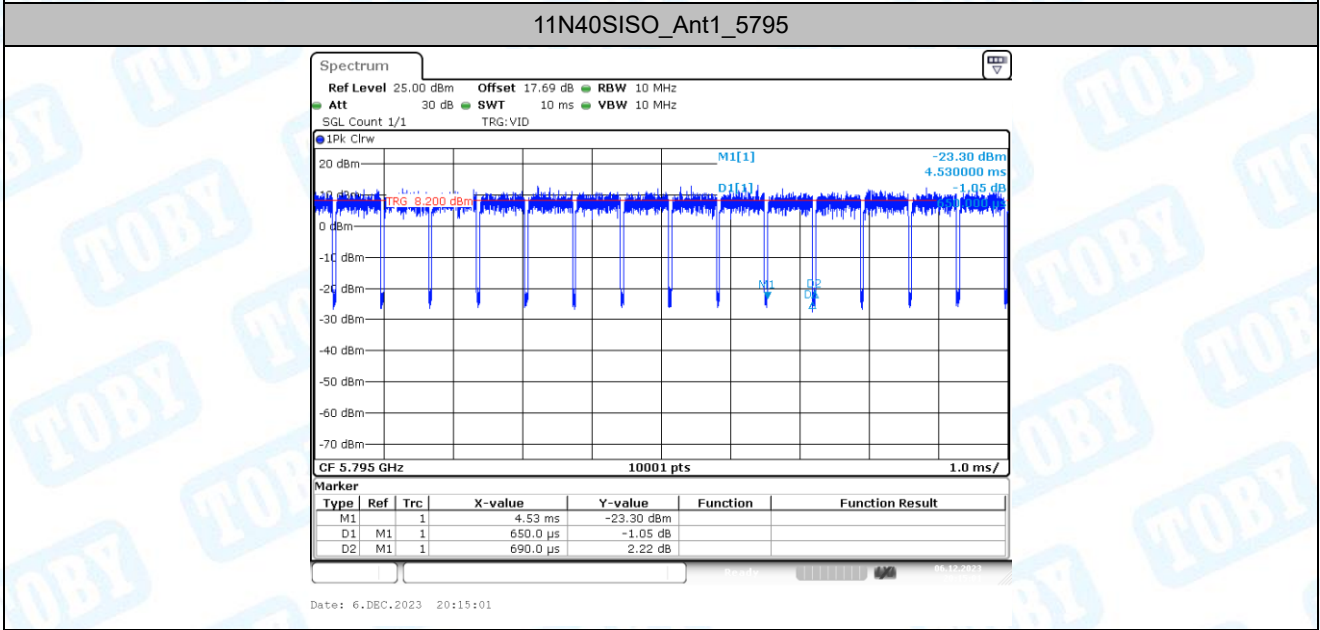
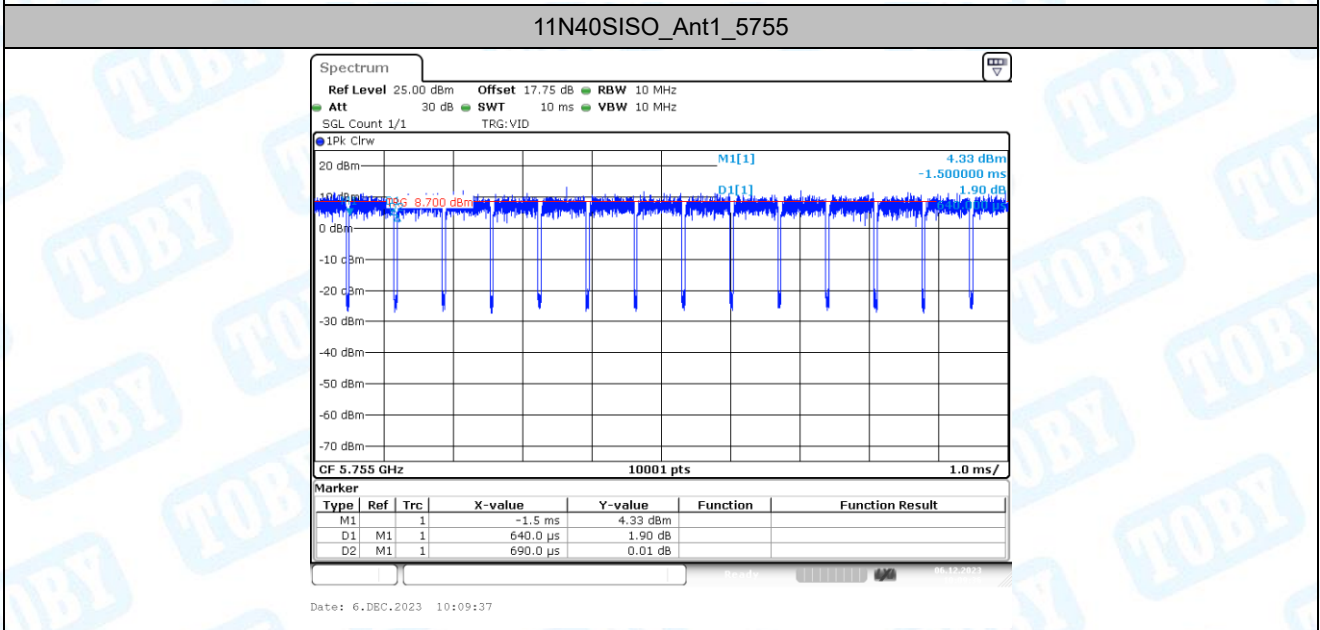
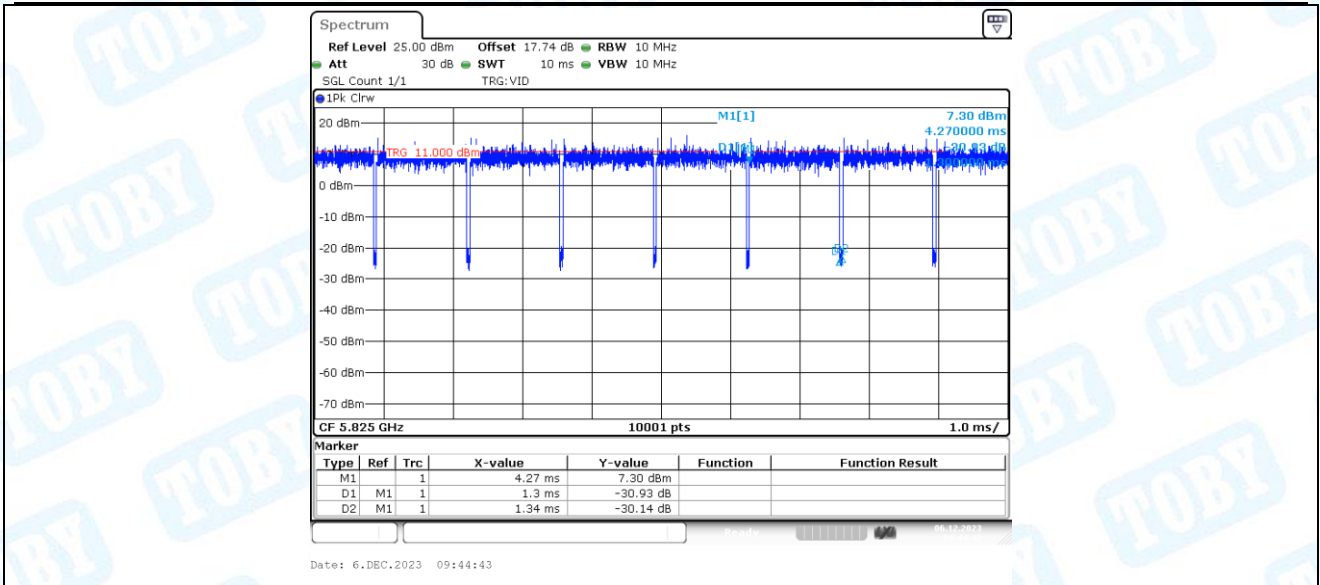
11N20SISO_Ant1_5745



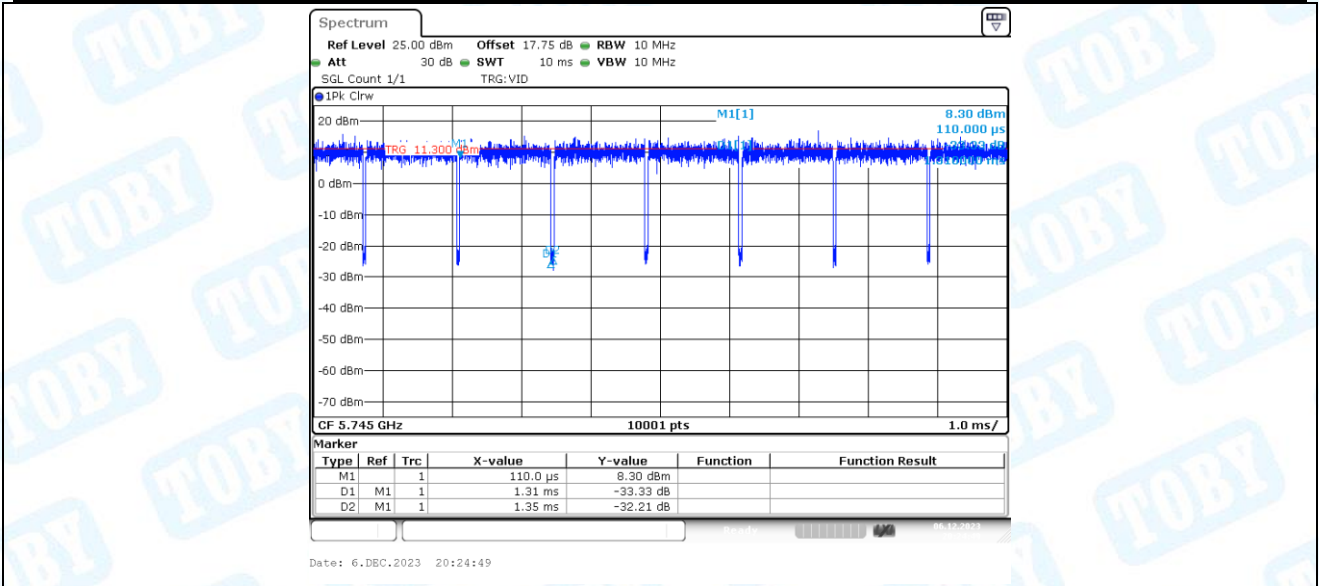
11N20SISO_Ant1_5785



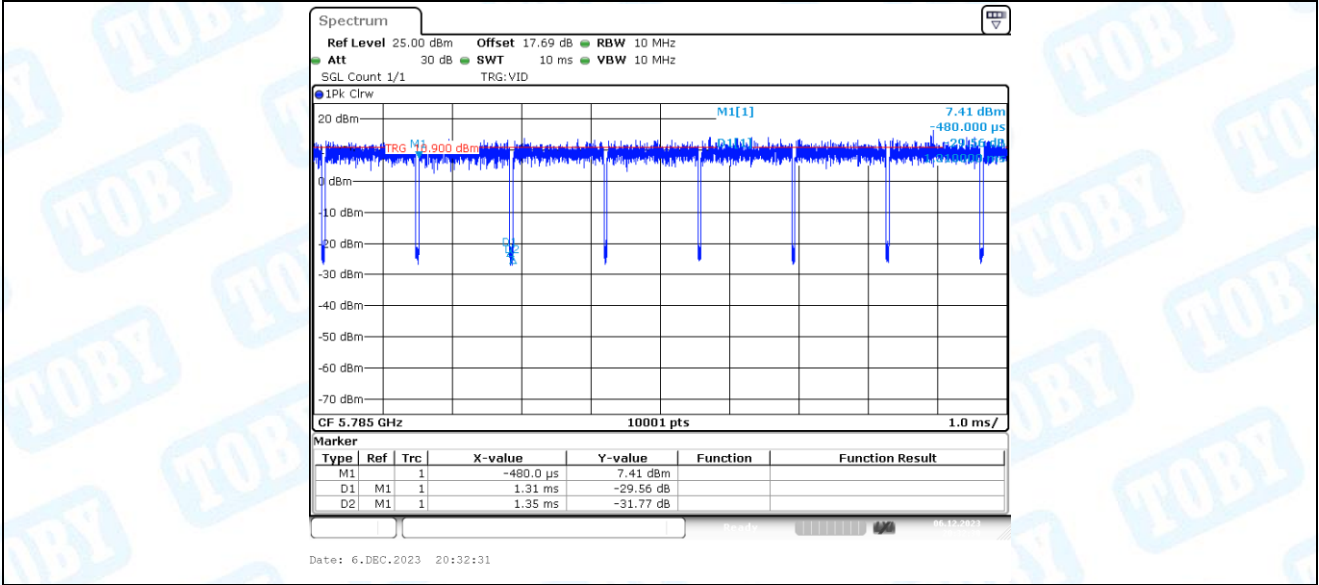
11N20SISO_Ant1_5825



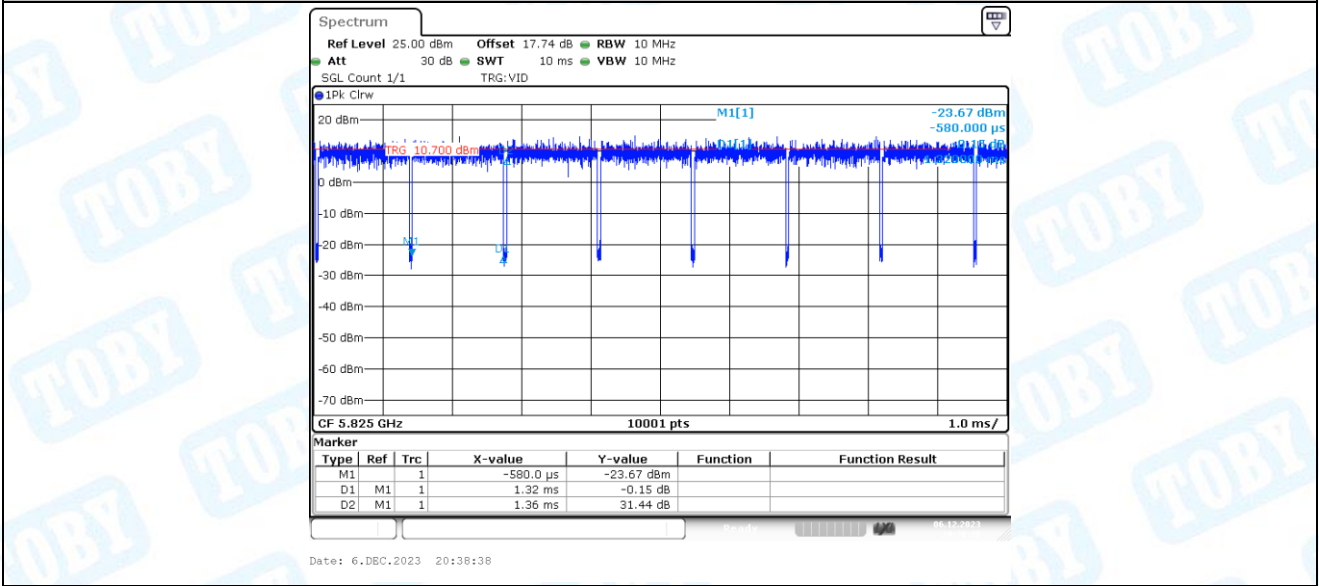
11AC20SISO_Ant1_5745



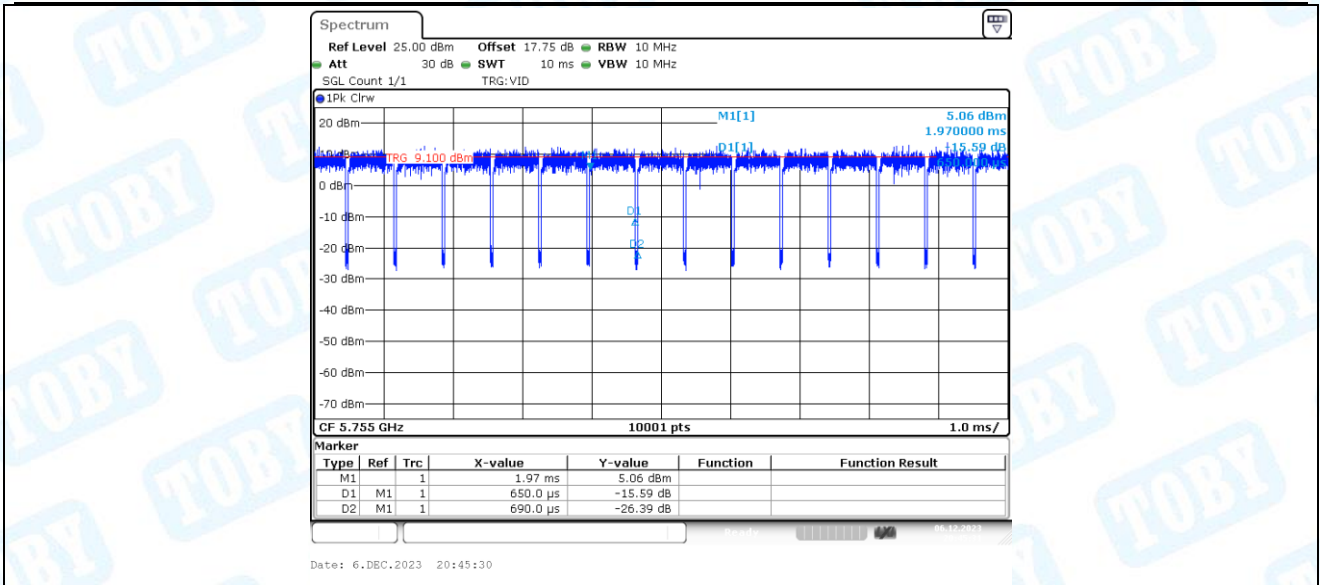
11AC20SISO_Ant1_5785



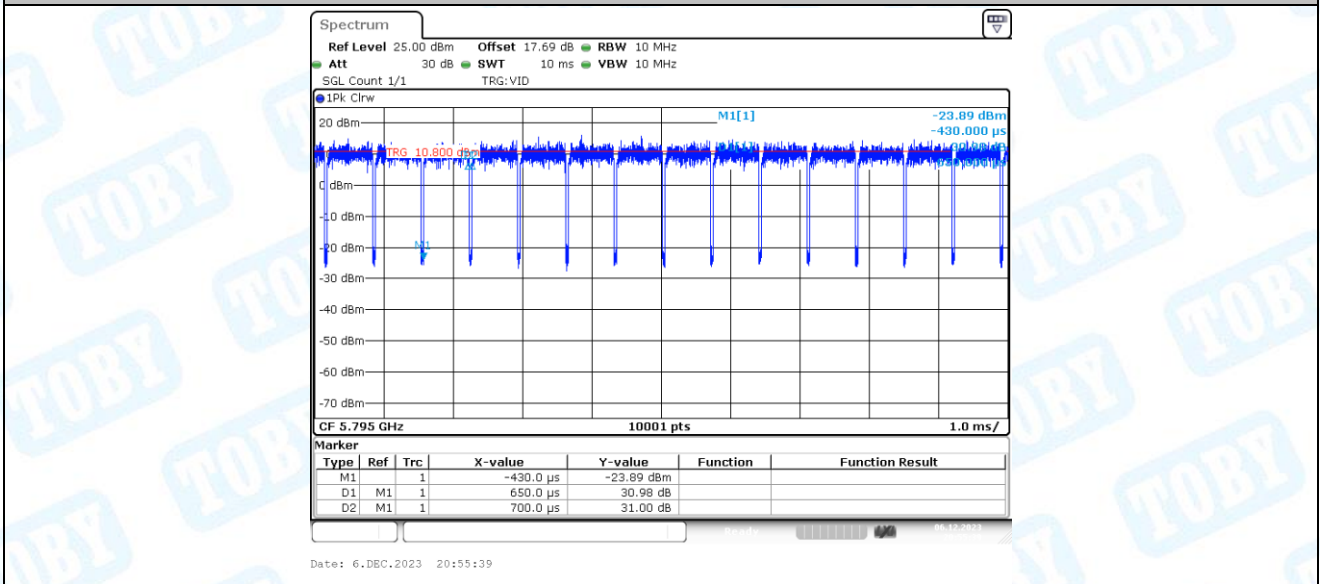
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11A40SISO_Ant1_5795



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