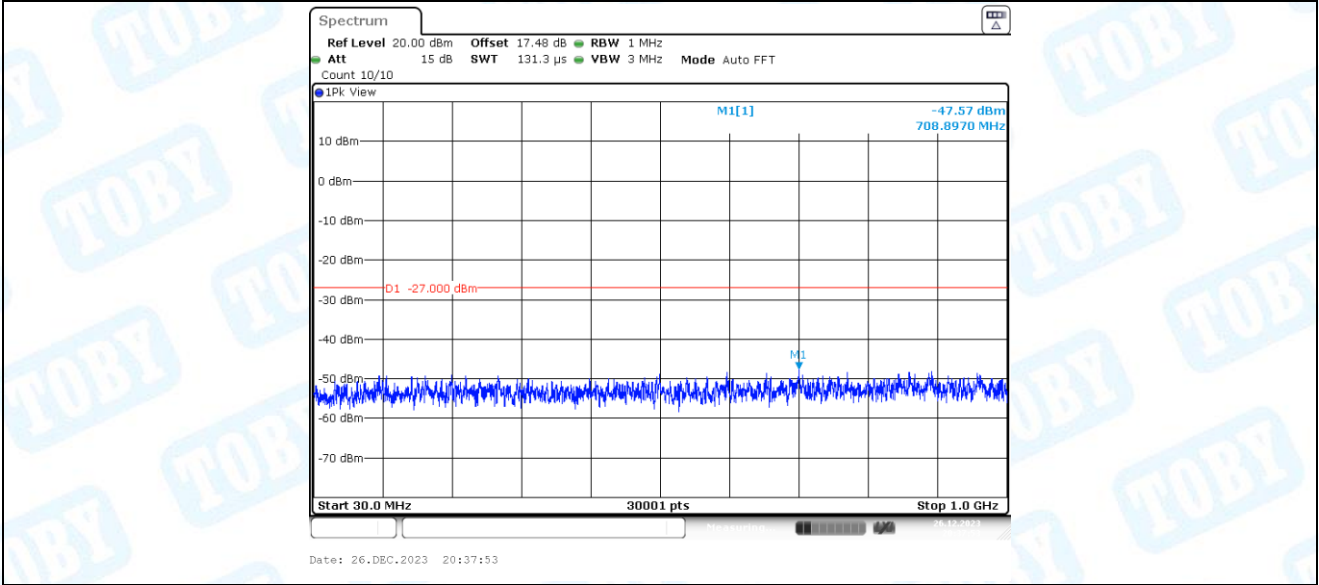
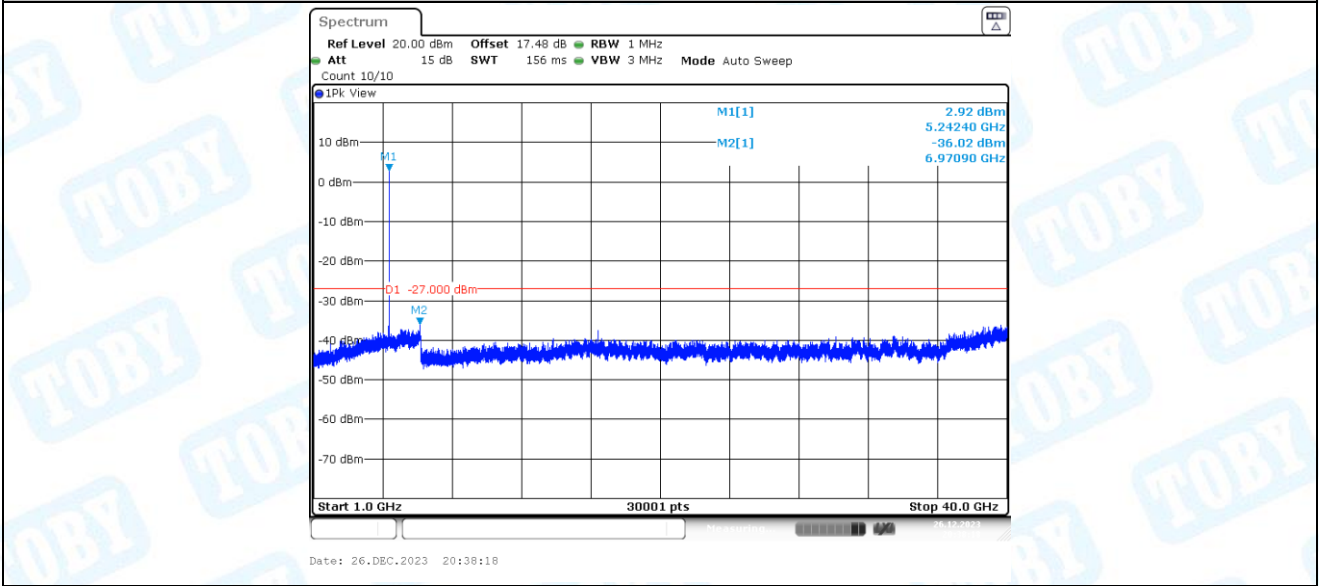


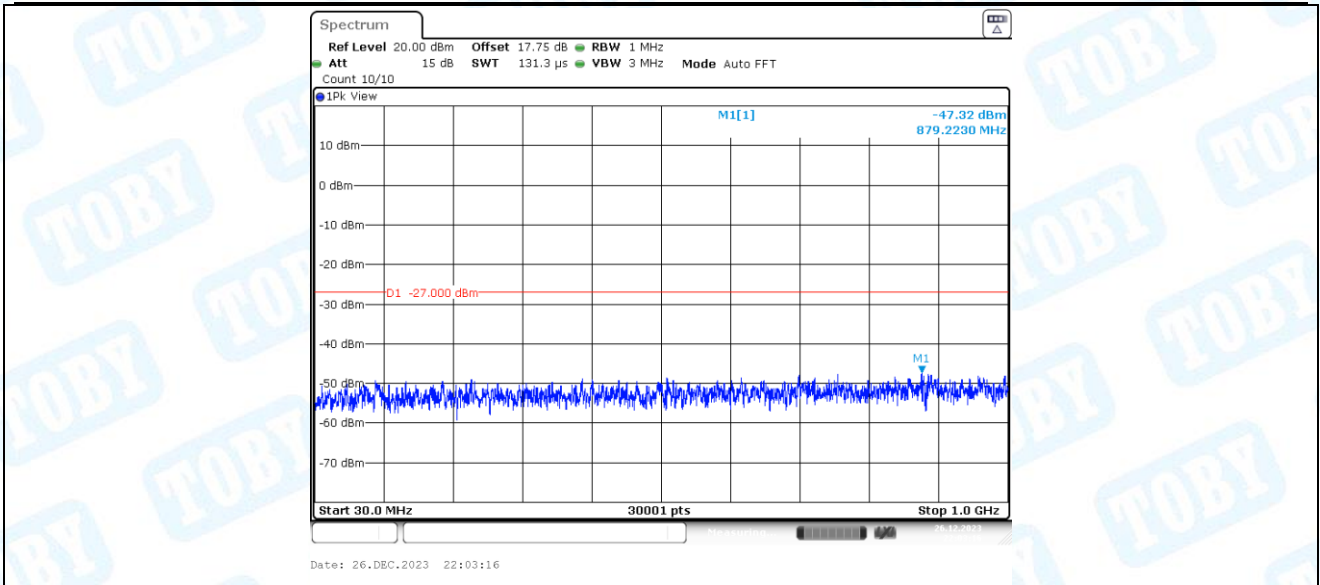
11AC20SISO_Ant1_5240_30~1000



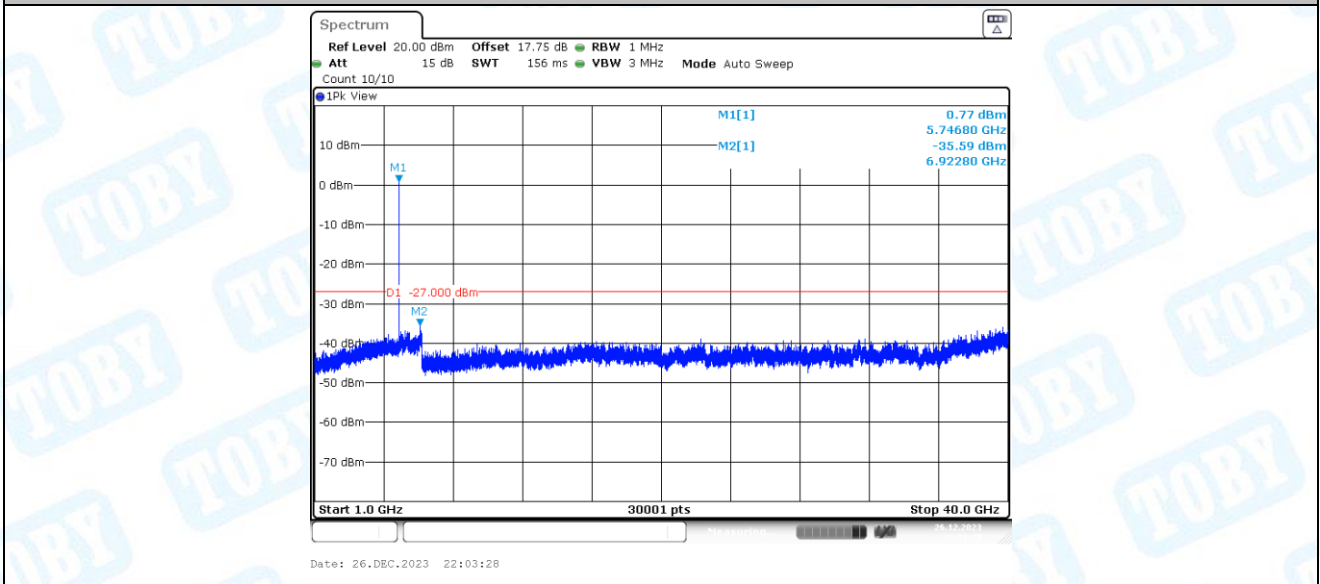
11AC20SISO_Ant1_5240_1000~40000



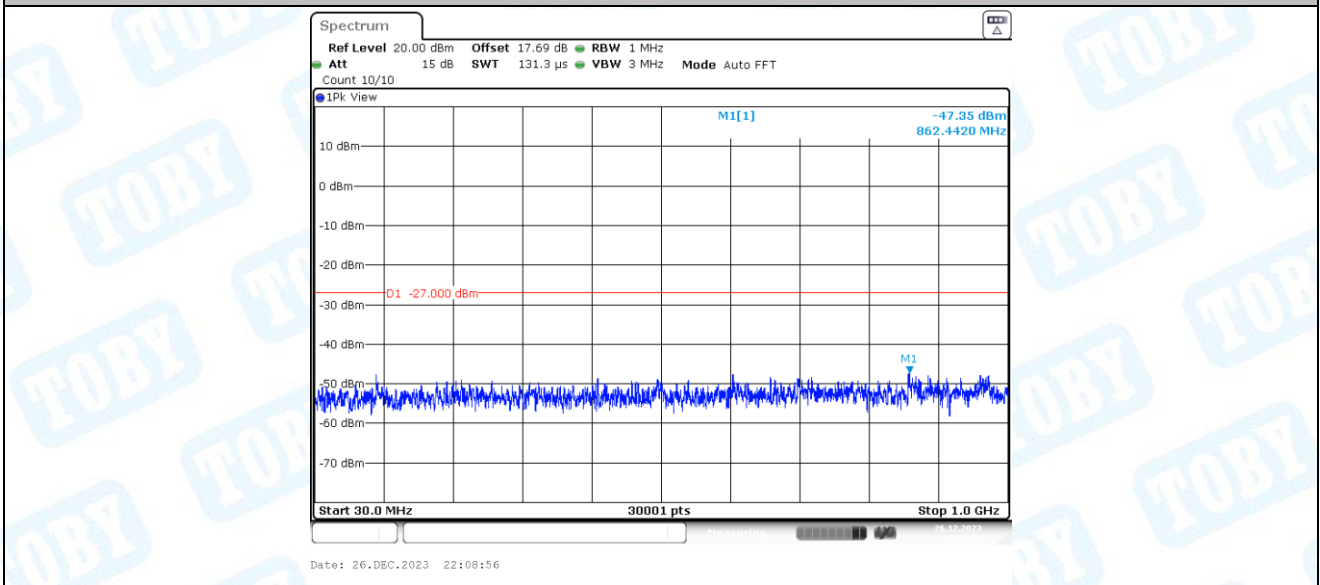
11AC20SISO_Ant1_5745_30~1000



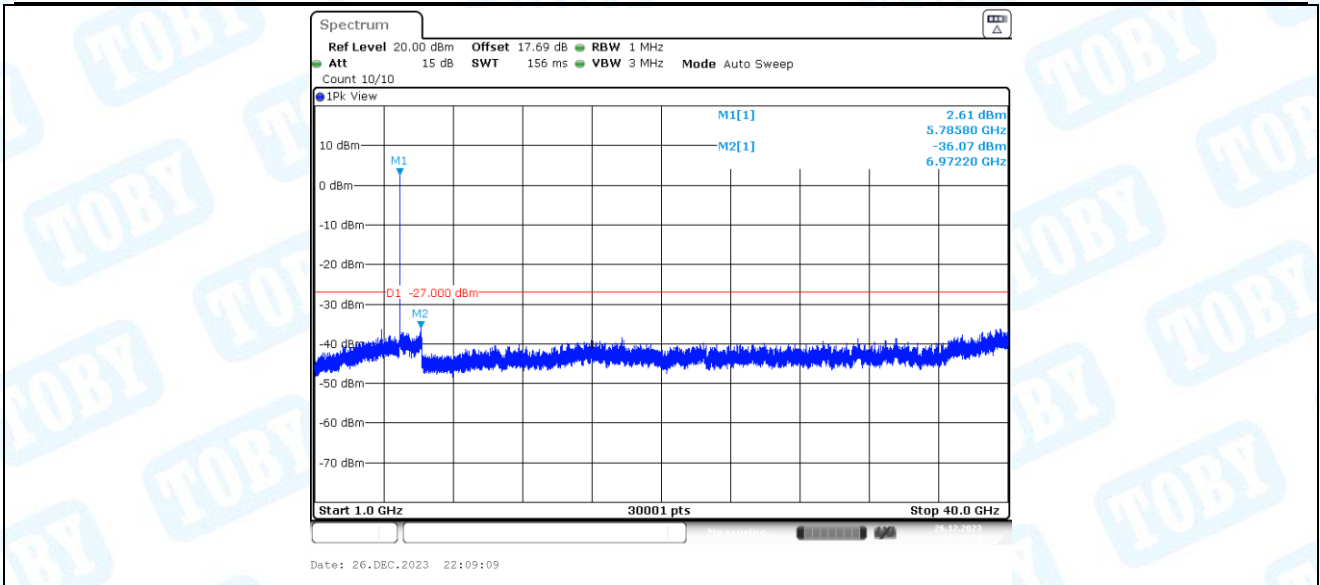
11AC20SISO_Ant1_5745_1000~40000



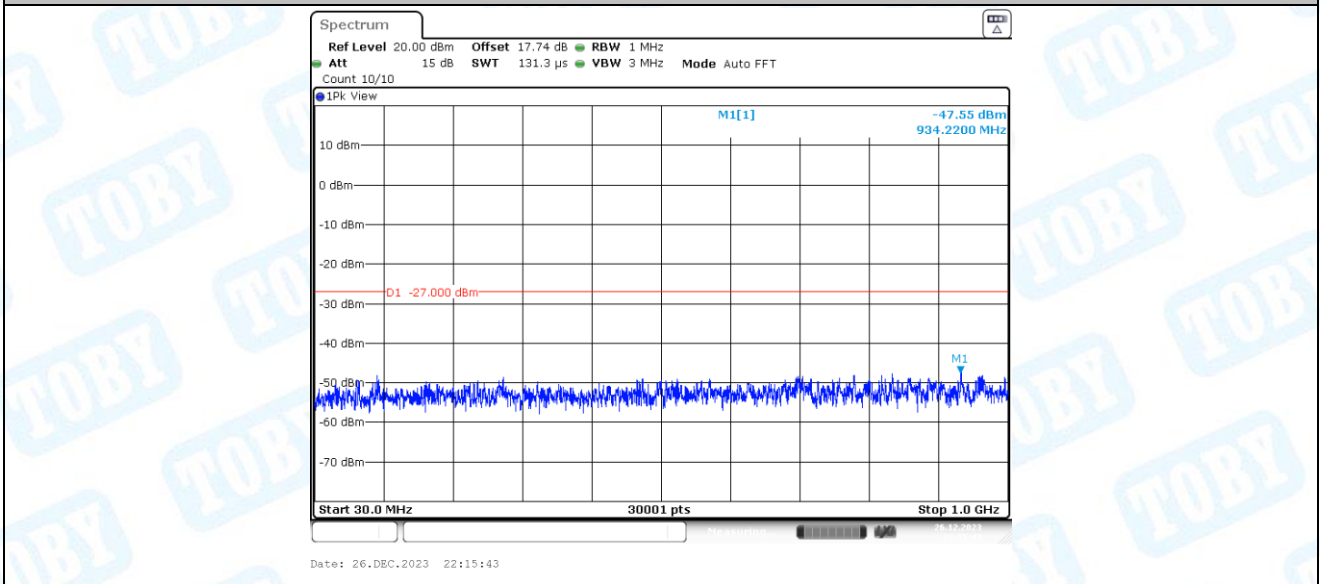
11AC20SISO_Ant1_5785_30~1000



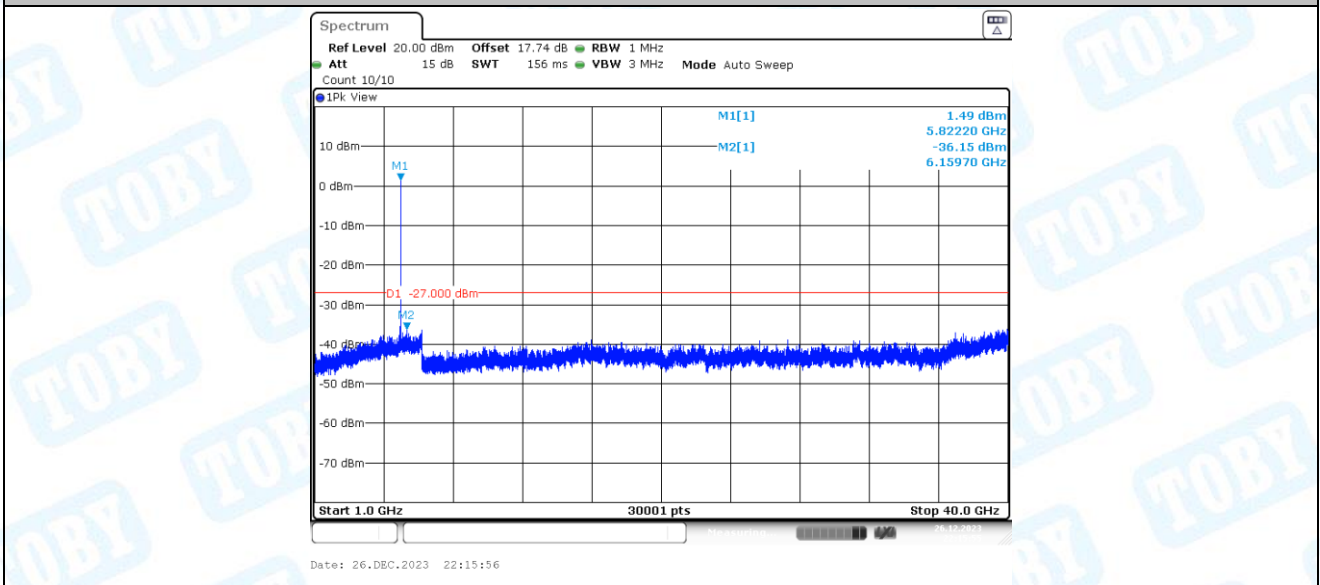
11AC20SISO_Ant1_5785_1000~40000



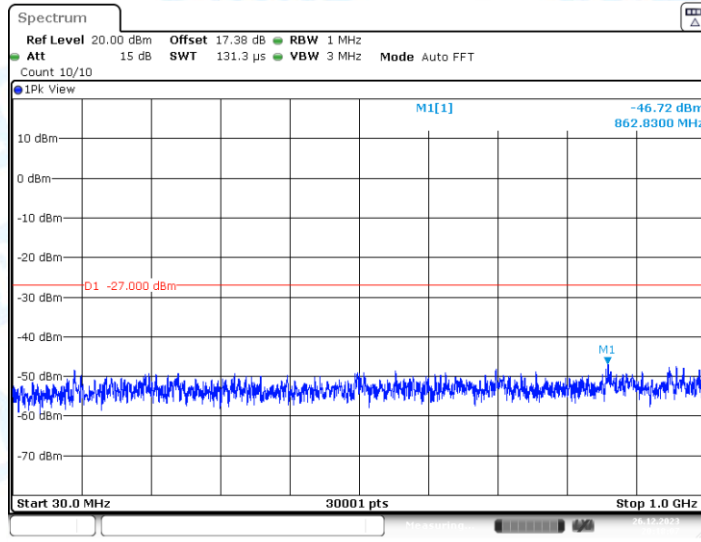
11AC20SISO_Ant1_5825_30~1000



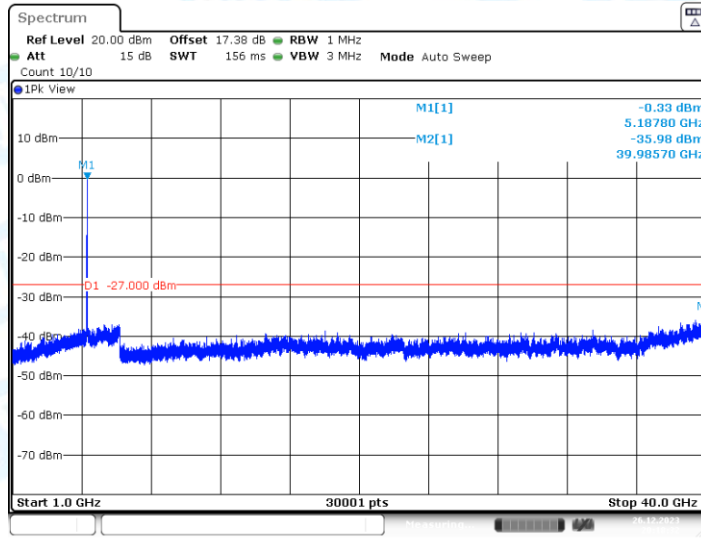
11AC20SISO_Ant1_5825_1000~40000



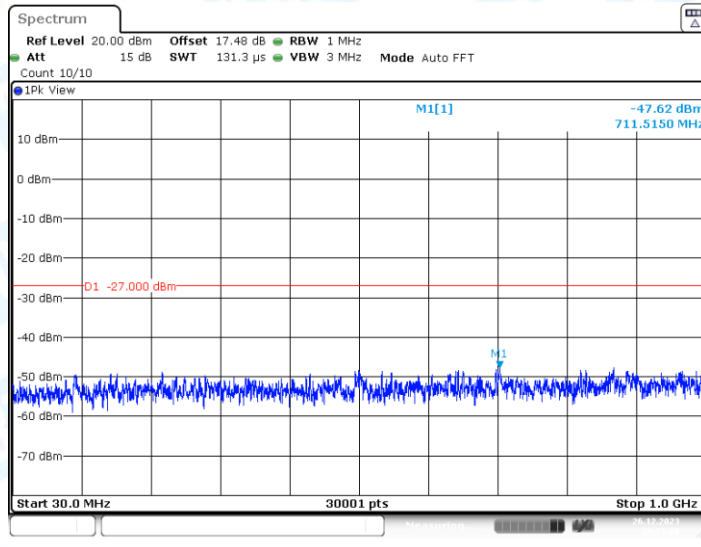
11AC40SISO_Ant1_5190_30~1000



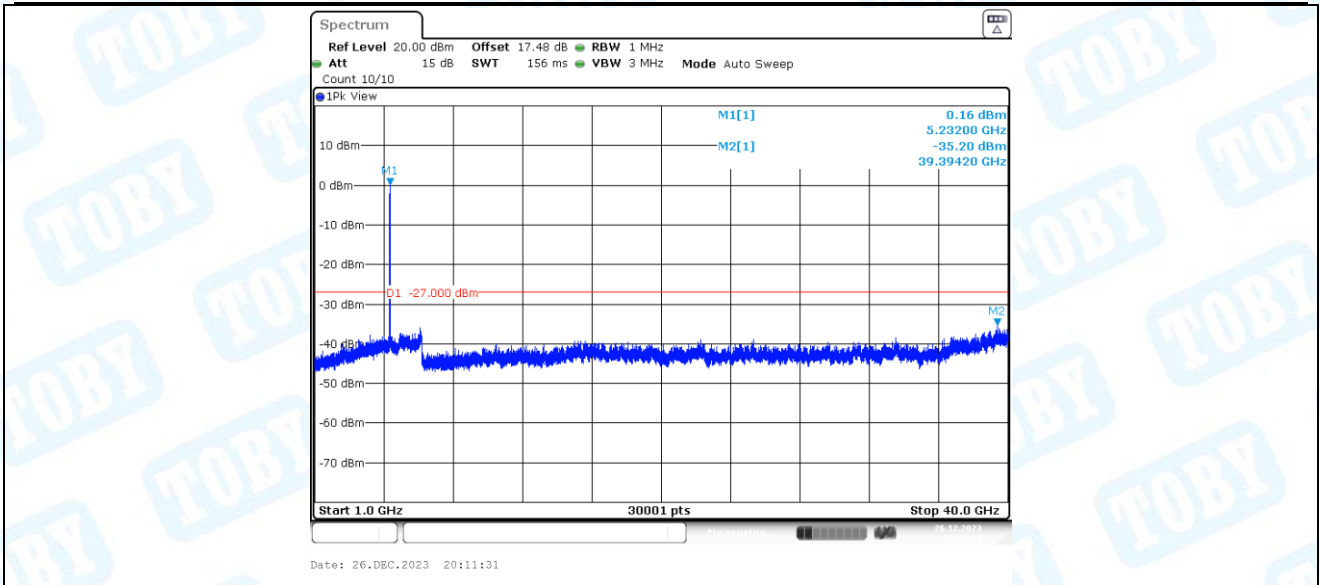
11AC40SISO_Ant1_5190_1000~40000



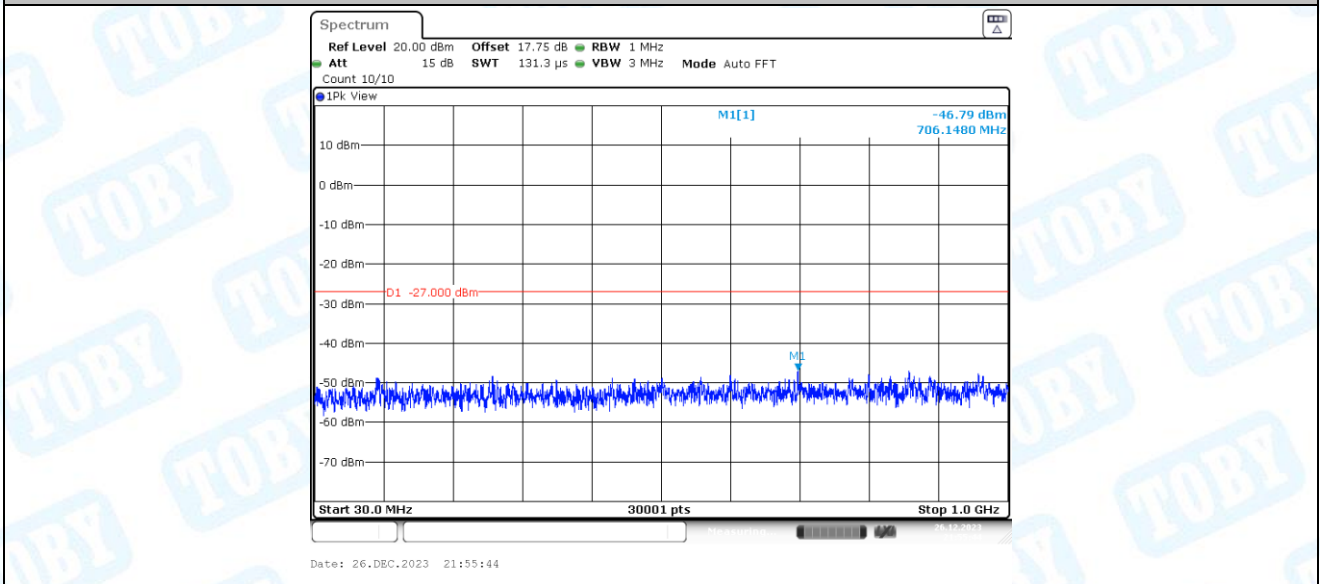
11AC40SISO_Ant1_5230_30~1000



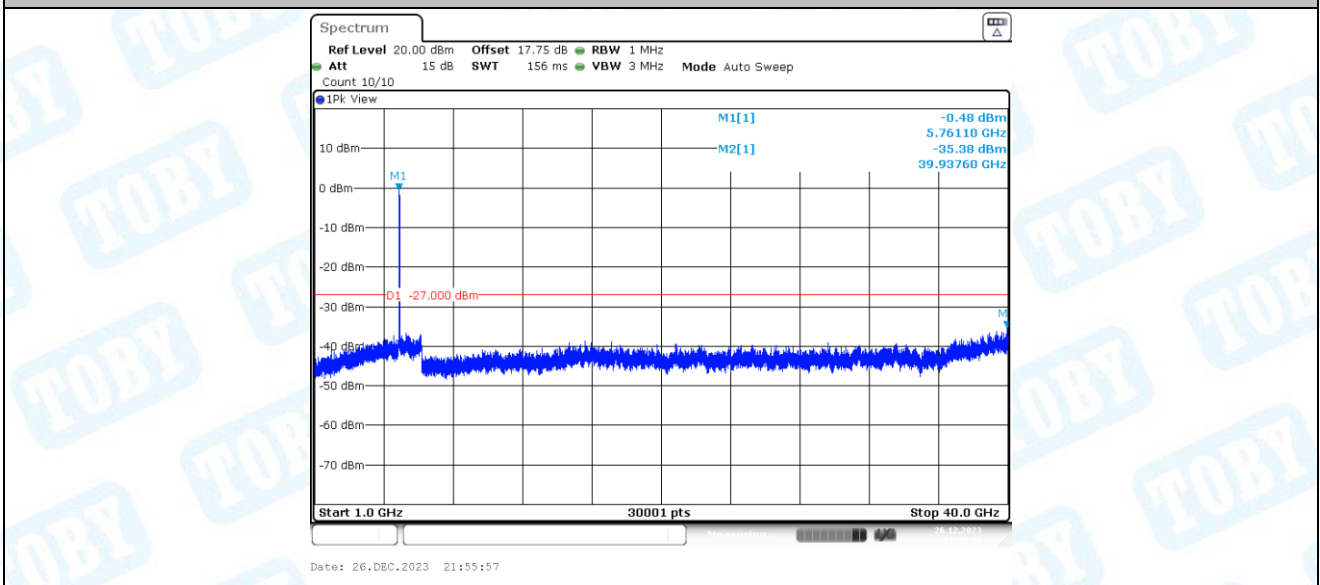
11AC40SISO_Ant1_5230_1000~40000



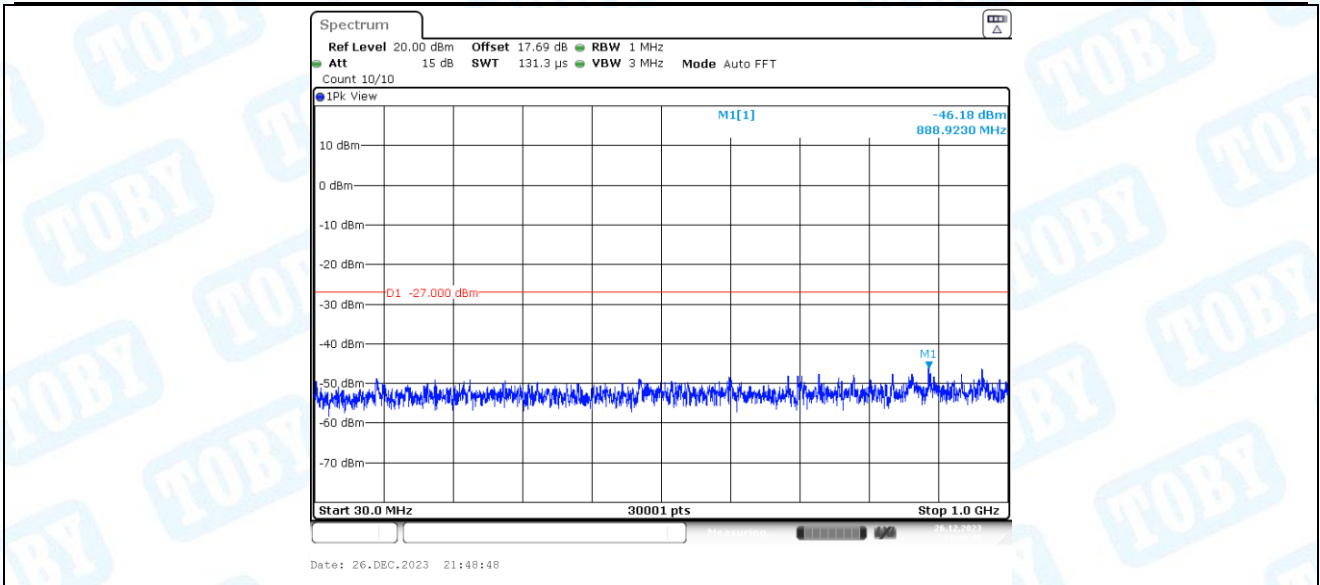
11AC40SISO_Ant1_5755_30~1000



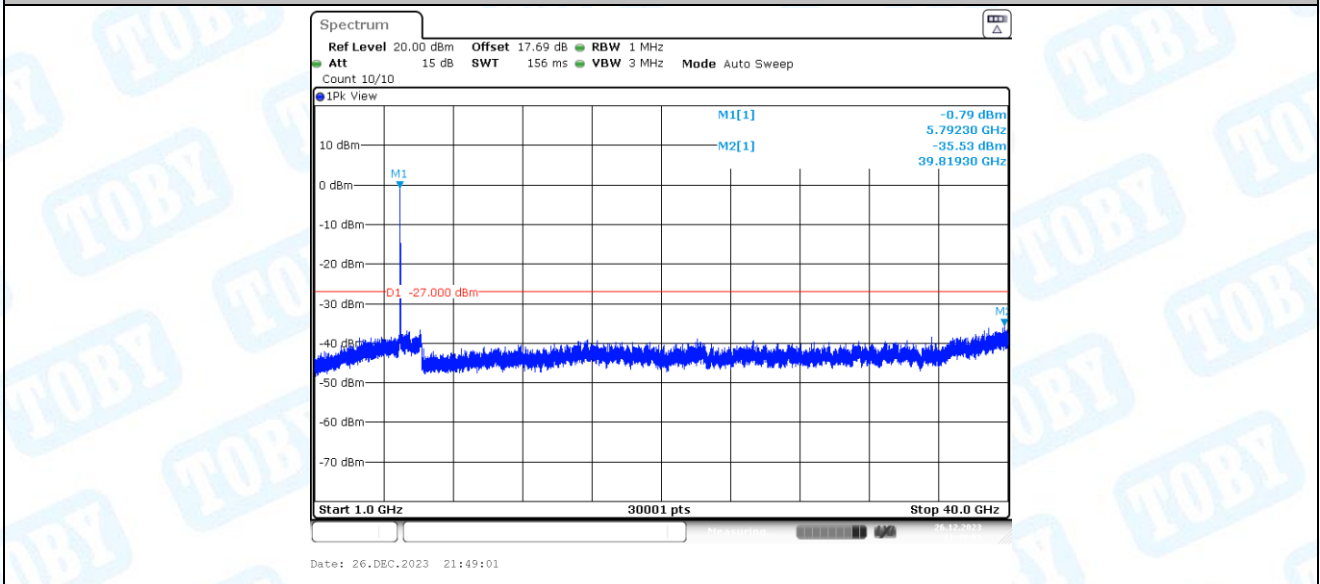
11AC40SISO_Ant1_5755_1000~40000



11AC40SISO_Ant1_5795_30~1000



11AC40SISO_Ant1_5795_1000~40000



9. Frequency Stability

9.1. Test Result

TestMode	Antenna	Channel	Voltage					Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)		
11A	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	-20000.00	-3.846154	20	PASS	
			LV	NT	-20000.00	-3.846154	20	PASS	
			HV	NT	0.00	0.000000	20	PASS	
		5240	NV	NT	20000.00	3.816794	20	PASS	
			LV	NT	-20000.00	-3.816794	20	PASS	
			HV	NT	0.00	0.000000	20	PASS	
		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	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	0.00	0.000000	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	
			HV	NT	0.00	0.000000	20	PASS	
11N20SISO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS	
			LV	NT	0.00	0.000000	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	0.00	0.000000	20	PASS	
			LV	NT	20000.00	3.816794	20	PASS	
			HV	NT	0.00	0.000000	20	PASS	
		5745	NV	NT	-20000.00	-3.481288	20	PASS	
			LV	NT	-20000.00	-3.481288	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	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	20000.00	3.433476	20	PASS	
11N40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	

		5230	HV	NT	0.00	0.000000	20	PASS		
			NV	NT	-40000.00	-7.648184	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
		5755	HV	NT	0.00	0.000000	20	PASS		
			NV	NT	0.00	0.000000	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
		5795	HV	NT	0.00	0.000000	20	PASS		
			NV	NT	0.00	0.000000	20	PASS		
			LV	NT	-40000.00	-6.902502	20	PASS		
		11AC20SISO	Ant1	5180	HV	NT	40000.00	6.902502	20	PASS
					NV	NT	0.00	0.000000	20	PASS
					LV	NT	20000.00	3.861004	20	PASS
5200	HV			NT	0.00	0.000000	20	PASS		
	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	20000.00	3.846154	20	PASS		
5240	HV			NT	0.00	0.000000	20	PASS		
	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	20000.00	3.816794	20	PASS		
5745	HV			NT	-20000.00	-3.816794	20	PASS		
	NV			NT	-20000.00	-3.481288	20	PASS		
	LV			NT	20000.00	3.481288	20	PASS		
5785	HV			NT	-20000.00	-3.481288	20	PASS		
	NV			NT	0.00	0.000000	20	PASS		
	LV			NT	0.00	0.000000	20	PASS		
5825	HV			NT	0.00	0.000000	20	PASS		
	NV			NT	20000.00	3.433476	20	PASS		
	LV			NT	20000.00	3.433476	20	PASS		
11AC40SISO	Ant1	5190	HV	NT	0.00	0.000000	20	PASS		
			NV	NT	40000.00	7.707129	20	PASS		
			LV	NT	40000.00	7.707129	20	PASS		
		5230	HV	NT	0.00	0.000000	20	PASS		
			NV	NT	0.00	0.000000	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
		5755	HV	NT	0.00	0.000000	20	PASS		
			NV	NT	0.00	0.000000	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
		5795	HV	NT	0.00	0.000000	20	PASS		
			NV	NT	0.00	0.000000	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.846154	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.846154	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5240	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	-3.816794	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.816794	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
		5745	NV	-30	-20000.00	-3.481288	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.481288	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
		5785	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.457217	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.457217	20	PASS
NV	10		0.00	0.000000	20	PASS		

11N20SISO	Ant1	5825	NV	20	-20000.00	-3.457217	20	PASS	
			NV	30	0.00	0.000000	20	PASS	
			NV	40	20000.00	3.457217	20	PASS	
			NV	50	20000.00	3.457217	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	0.00	0.000000	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	40	0.00	0.000000	20	PASS	
			NV	50	-20000.00	-3.433476	20	PASS	
			5180	NV	-30	0.00	0.000000	20	PASS
				NV	-20	20000.00	3.861004	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	
		NV		50	20000.00	3.861004	20	PASS	
		5200	NV	-30	-20000.00	-3.846154	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		20000.00	3.846154	20	PASS			
NV	40		0.00	0.000000	20	PASS			
NV	50		0.00	0.000000	20	PASS			
5240	NV	-30	-20000.00	-3.816794	20	PASS			
	NV	-20	0.00	0.000000	20	PASS			
	NV	-10	20000.00	3.816794	20	PASS			
	NV	0	0.00	0.000000	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	40	0.00	0.000000	20	PASS			
	NV	50	0.00	0.000000	20	PASS			
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	0.00	0.000000	20	PASS			
	NV	10	-20000.00	-3.481288	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	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	20000.00	3.457217	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	-20000.00	-3.457217	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	20000.00	3.433476	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		
		11N40SISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
					NV	-20	0.00	0.000000	20	PASS
					NV	-10	-40000.00	-7.707129	20	PASS
					NV	0	40000.00	7.707129	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		
5230	NV			50	-40000.00	-7.707129	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		
	NV			10	40000.00	7.648184	20	PASS		
	NV			20	40000.00	7.648184	20	PASS		
	NV			30	0.00	0.000000	20	PASS		
5755	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		
			NV	10	0.00	0.000000	20	PASS		

11AC20SISO	Ant1	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	40000.00	6.950478	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		
			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	40	40000.00	6.902502	20	PASS		
		NV	50	0.00	0.000000	20	PASS			
		NV	-30	20000.00	3.861004	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			
		NV	50	-20000.00	-3.861004	20	PASS			
		11AC20SISO	Ant1	5200	NV	-30	0.00	0.000000	20	PASS
					NV	-20	0.00	0.000000	20	PASS
NV	-10				20000.00	3.846154	20	PASS		
NV	0				20000.00	3.846154	20	PASS		
NV	10				-20000.00	-3.846154	20	PASS		
NV	20				0.00	0.000000	20	PASS		
NV	30				0.00	0.000000	20	PASS		
NV	40				-20000.00	-3.846154	20	PASS		
NV	50			0.00	0.000000	20	PASS			
5240	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	20000.00	3.816794	20	PASS		
NV	50			0.00	0.000000	20	PASS			
5745	NV			-30	-20000.00	-3.481288	20	PASS		
	NV			-20	20000.00	3.481288	20	PASS		
	NV			-10	0.00	0.000000	20	PASS		
	NV			0	-20000.00	-3.481288	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	40	0.00	0.000000	20	PASS		
			NV	50	0.00	0.000000	20	PASS		
		5785	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		
			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	0.00	0.000000	20	PASS		
		NV		10	20000.00	3.433476	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		
		11AC40SISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
					NV	-20	40000.00	7.707129	20	PASS
					NV	-10	0.00	0.000000	20	PASS
					NV	0	0.00	0.000000	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	40	0.00	0.000000	20	PASS
				5230	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		
NV	10				40000.00	7.648184	20	PASS		
NV	20				0.00	0.000000	20	PASS		
NV	30				0.00	0.000000	20	PASS		
5755	NV			40	0.00	0.000000	20	PASS		
	NV			50	0.00	0.000000	20	PASS		
	NV			-30	40000.00	6.950478	20	PASS		
	NV			-20	0.00	0.000000	20	PASS		
	NV	-10	40000.00	6.950478	20	PASS				
			NV	0	0.00	0.000000	20	PASS		
			NV	10	-40000.00	-6.950478	20	PASS		

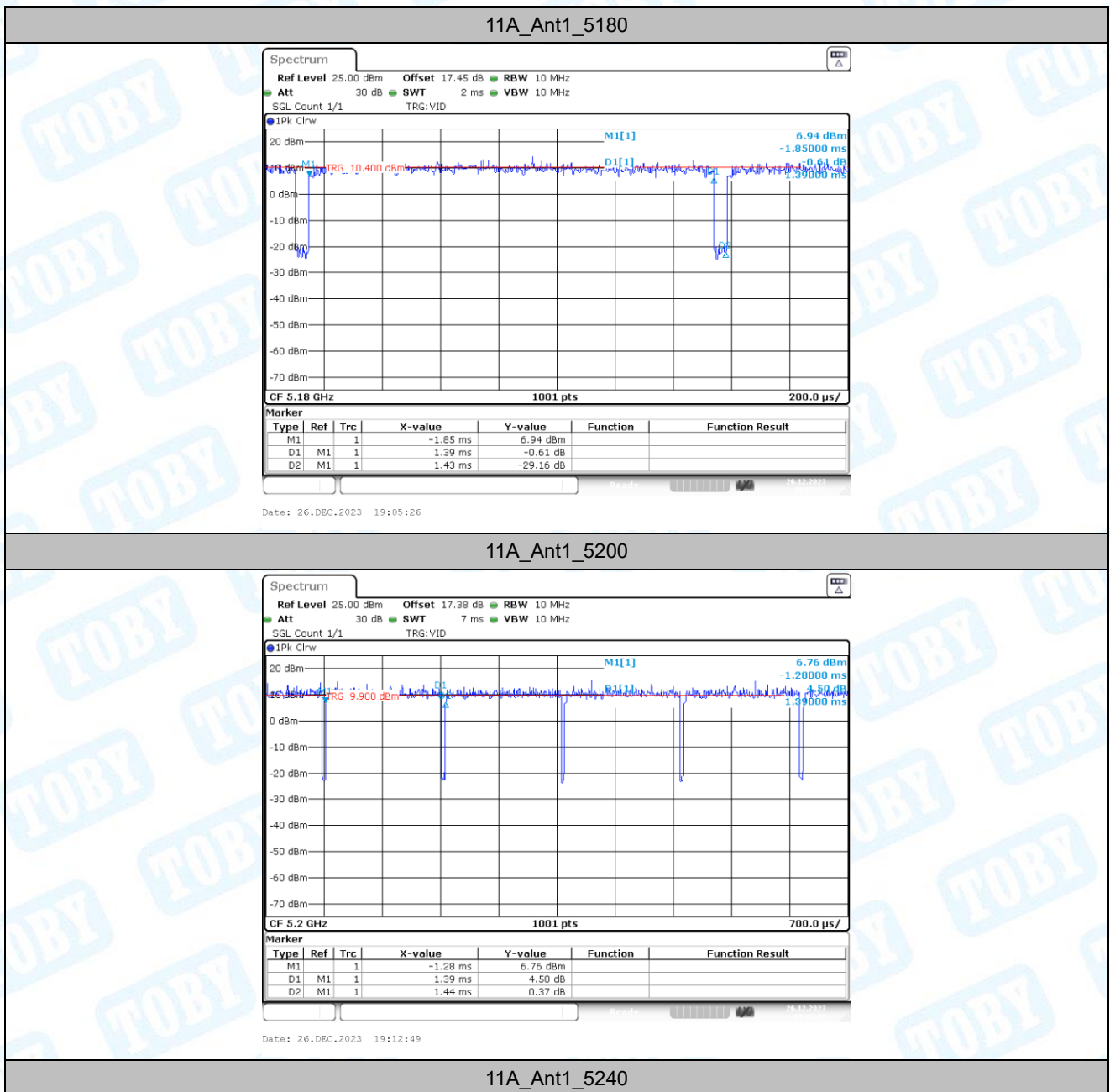
		NV	20	0.00	0.000000	20	PASS
		NV	30	0.00	0.000000	20	PASS
		NV	40	0.00	0.000000	20	PASS
		NV	50	40000.00	6.950478	20	PASS
	5795	NV	-30	0.00	0.000000	20	PASS
		NV	-20	0.00	0.000000	20	PASS
		NV	-10	40000.00	6.902502	20	PASS
		NV	0	0.00	0.000000	20	PASS
		NV	10	0.00	0.000000	20	PASS
		NV	20	40000.00	6.902502	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

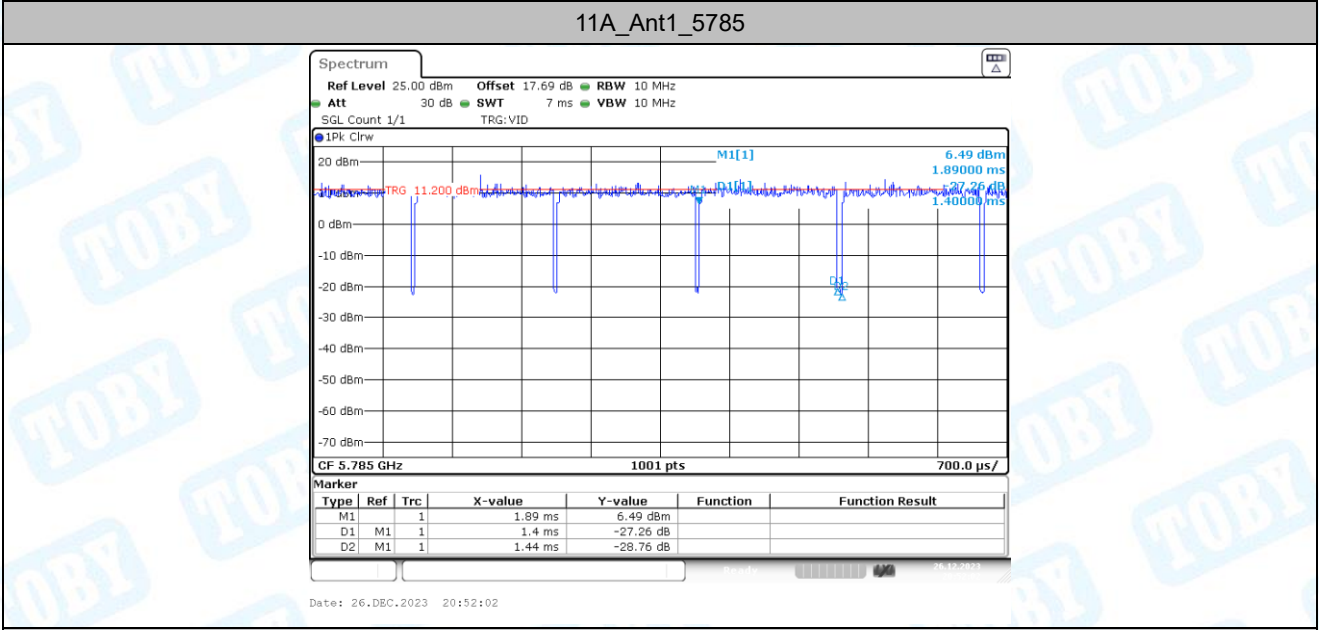
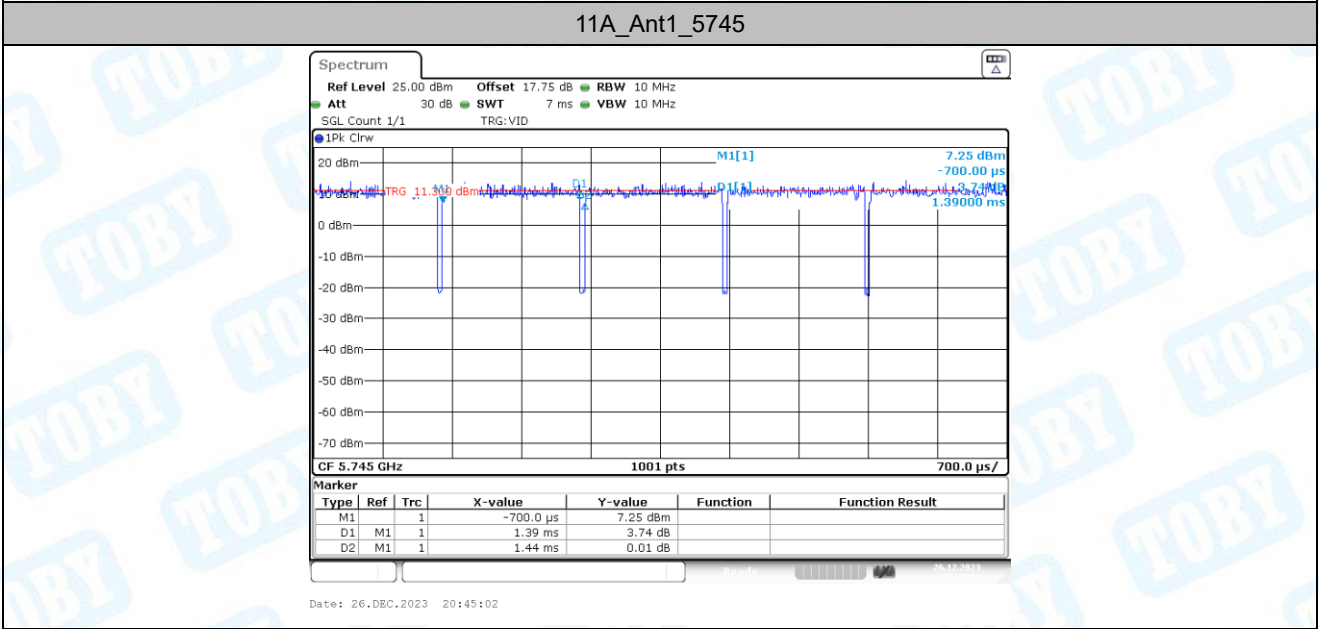
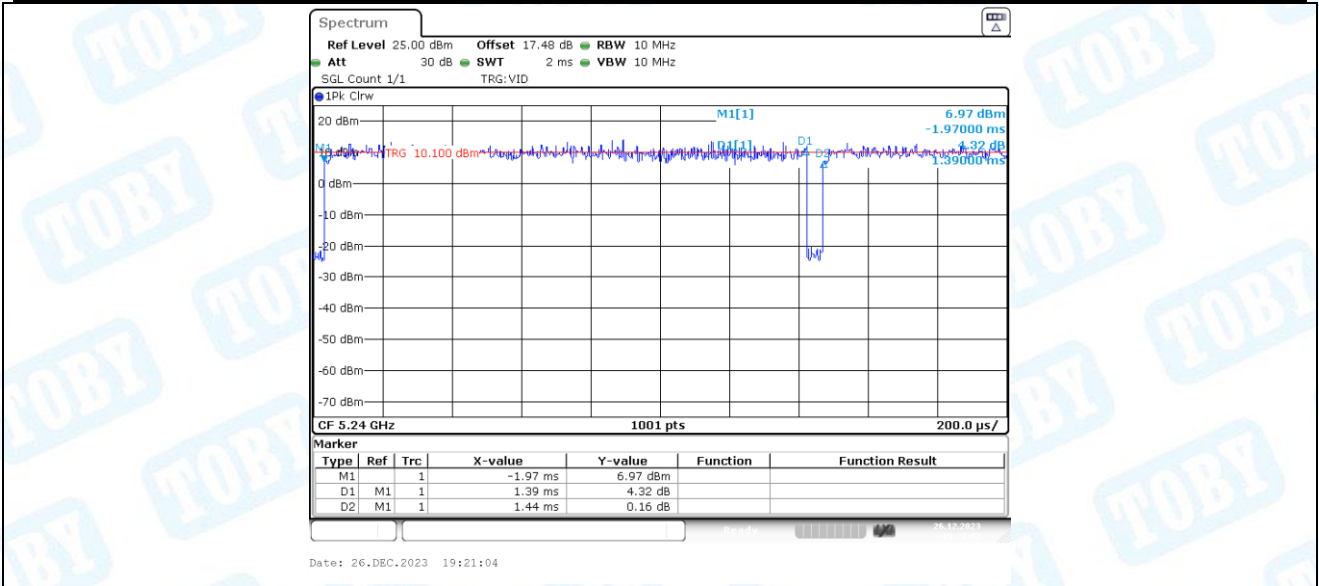
10. Duty Cycle

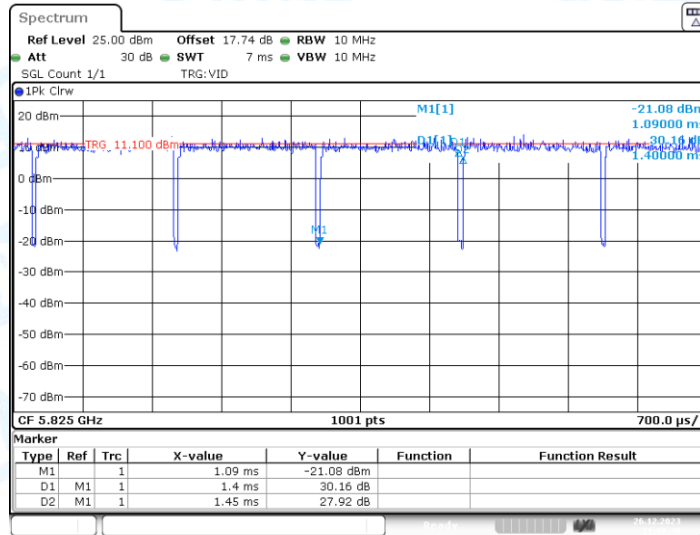
10.1. Test Result

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	0.719424	---	---
		5200	1.39	1.44	96.53	0.719424	---	---
		5240	1.39	1.44	96.53	0.719424	---	---
		5745	1.39	1.44	96.53	0.719424	---	---
		5785	1.40	1.44	97.22	0.714286	---	---
		5825	1.40	1.45	96.55	0.714286	---	---
11N20SISO	Ant1	5180	1.30	1.35	96.30	0.769231	---	---
		5200	1.31	1.35	97.04	0.763359	---	---
		5240	1.30	1.35	96.30	0.769231	---	---
		5745	1.30	1.35	96.30	0.769231	---	---
		5785	1.31	1.35	97.04	0.763359	---	---
		5825	1.30	1.35	96.30	0.769231	---	---
11N40SISO	Ant1	5190	0.65	0.69	94.20	1.538462	---	---
		5230	0.65	0.70	92.86	1.538462	---	---
		5755	0.65	0.69	94.20	1.538462	---	---
		5795	0.65	0.69	94.20	1.538462	---	---
11AC20SISO	Ant1	5180	1.31	1.36	96.32	0.763359	---	---
		5200	1.30	1.35	96.30	0.769231	---	---
		5240	1.31	1.36	96.32	0.763359	---	---
		5745	1.31	1.36	96.32	0.763359	---	---
		5785	1.31	1.36	96.32	0.763359	---	---
		5825	1.31	1.36	96.32	0.763359	---	---
11AC40SISO	Ant1	5190	0.65	0.70	92.86	1.538462	---	---
		5230	0.65	0.70	92.86	1.538462	---	---
		5755	0.66	0.70	94.29	1.515152	---	---
		5795	0.65	0.69	94.20	1.538462	---	---

10.2. Test Graphs

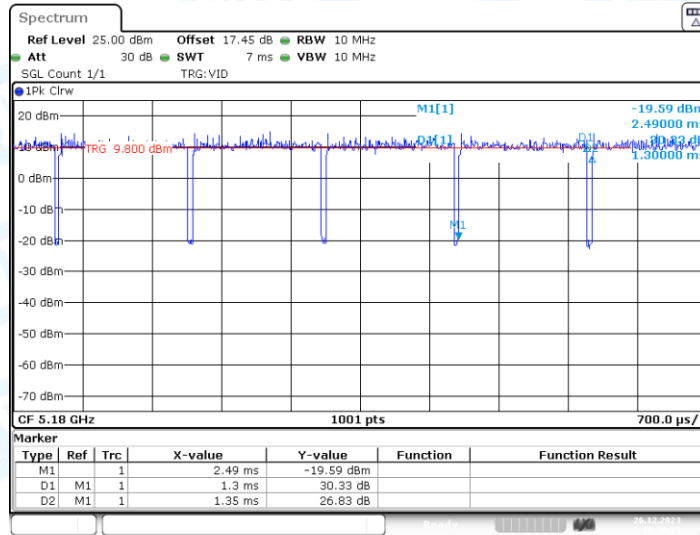






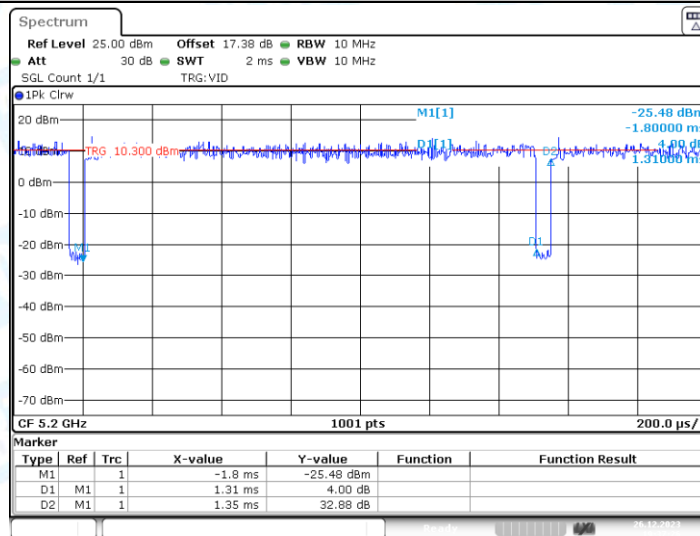
Date: 26.DEC.2023 21:00:39

11N20SISO_Ant1_5180



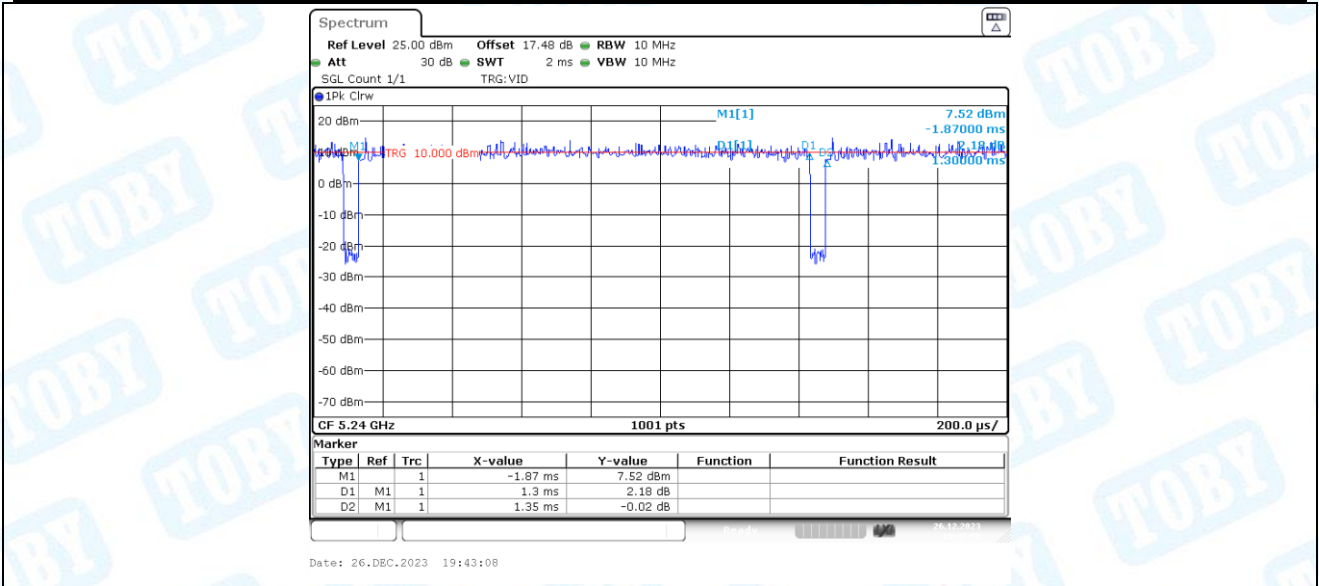
Date: 26.DEC.2023 19:30:25

11N20SISO_Ant1_5200

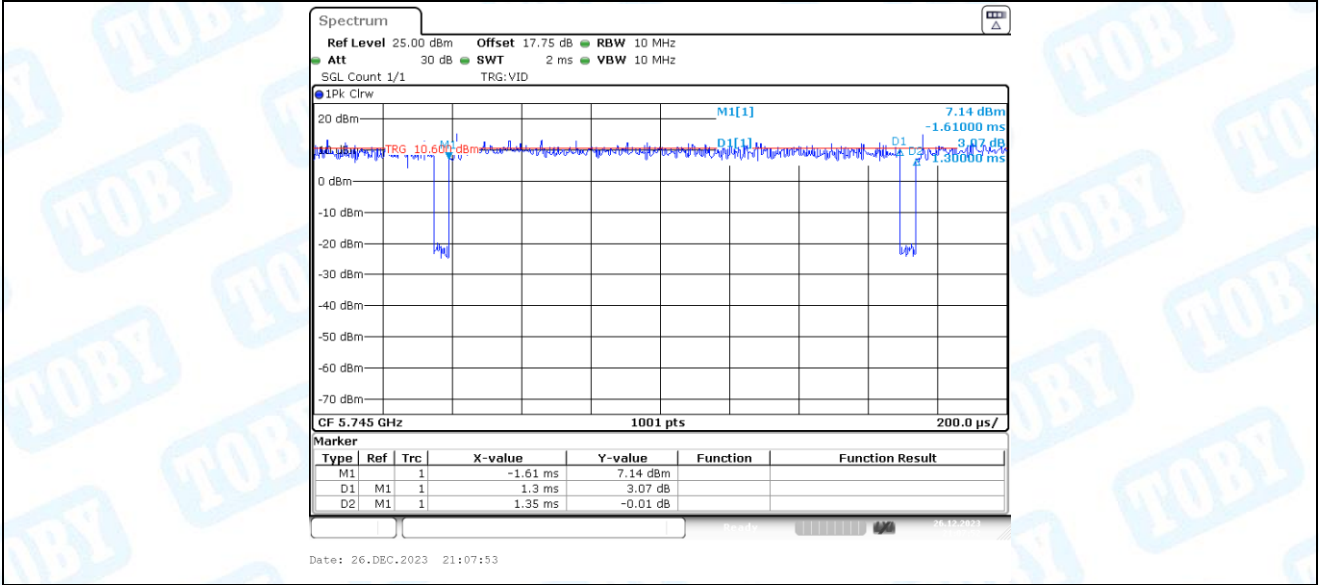


Date: 26.DEC.2023 19:37:27

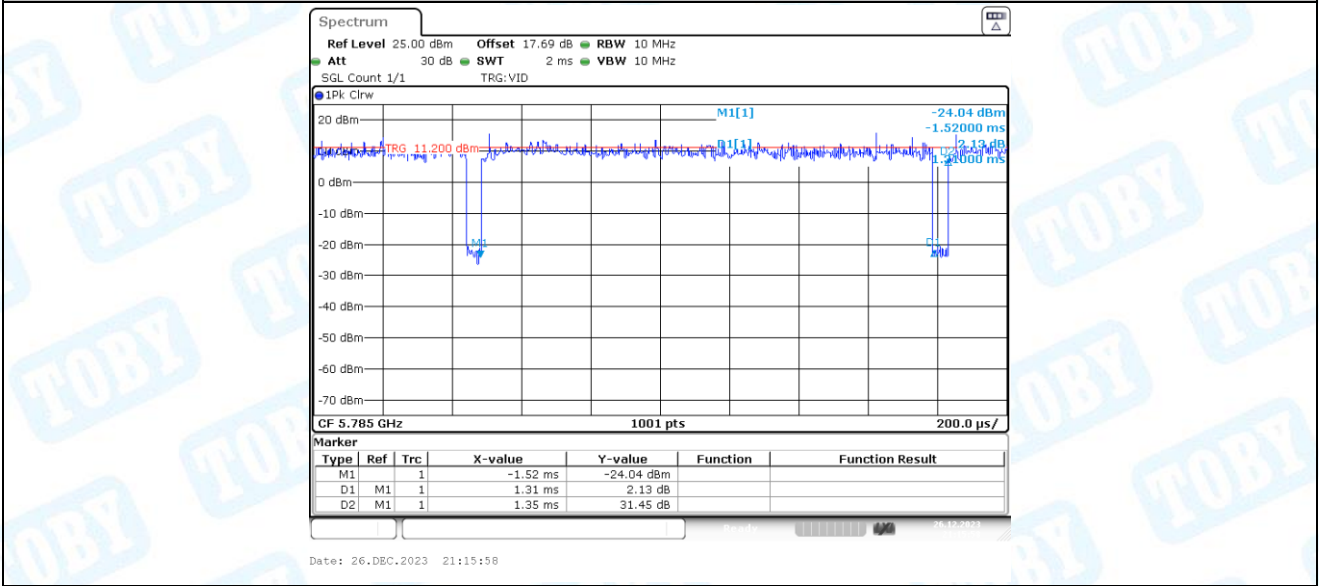
11N20SISO_Ant1_5240



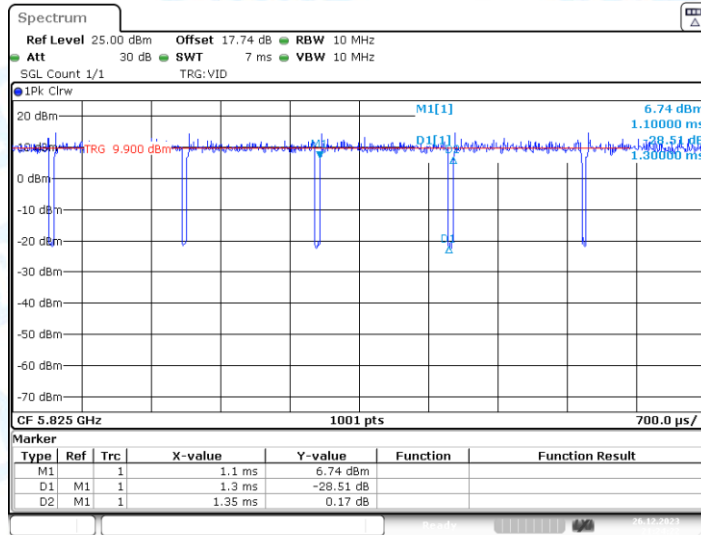
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785

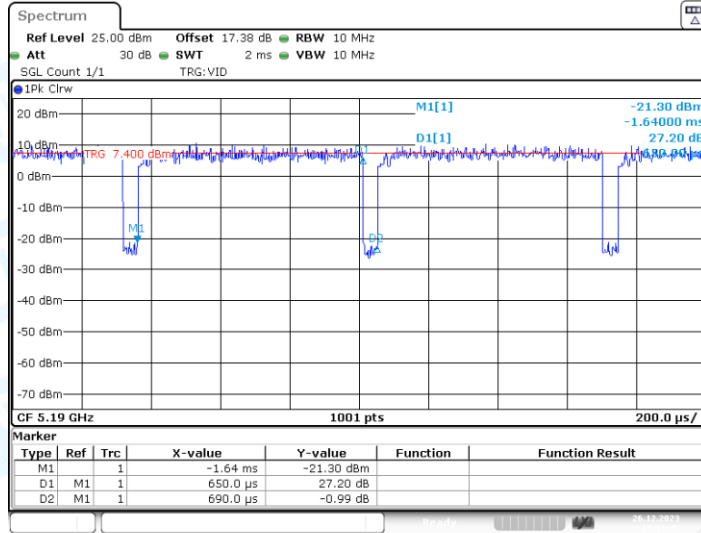


11N20SISO_Ant1_5825



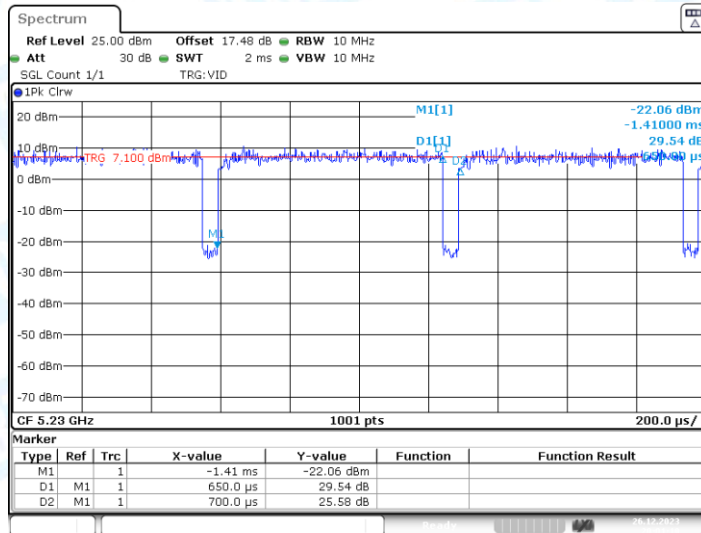
Date: 26.DEC.2023 21:24:22

11N40SISO_Ant1_5190



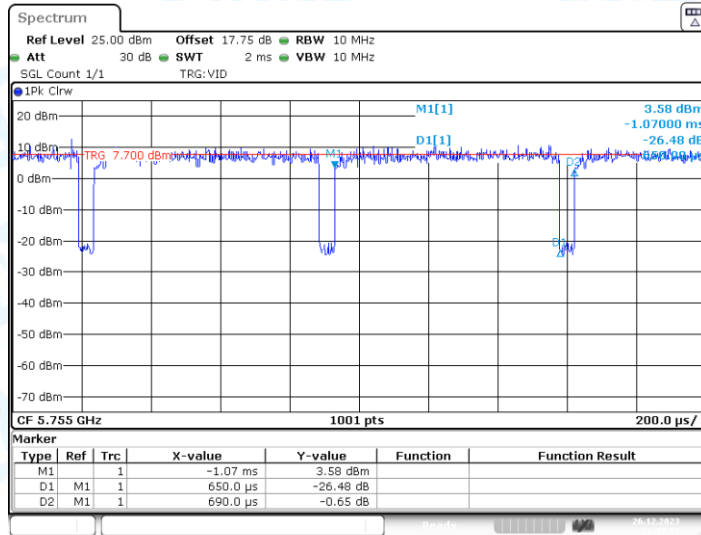
Date: 26.DEC.2023 19:51:45

11N40SISO_Ant1_5230



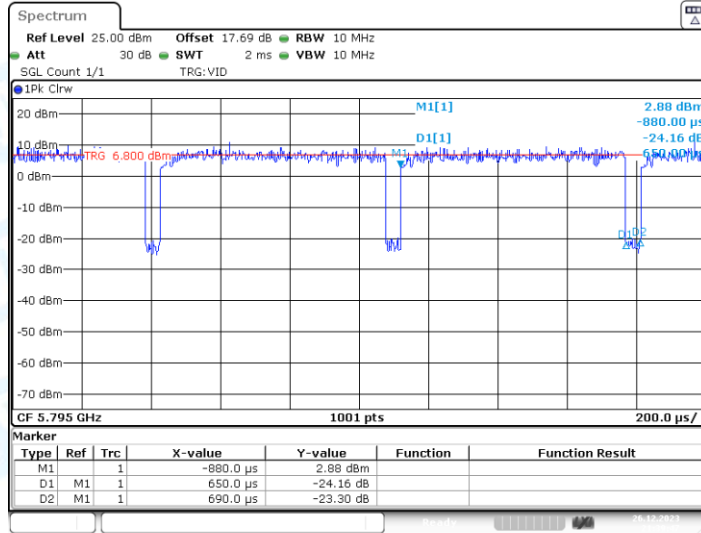
Date: 26.DEC.2023 20:01:09

11N40SISO_Ant1_5755



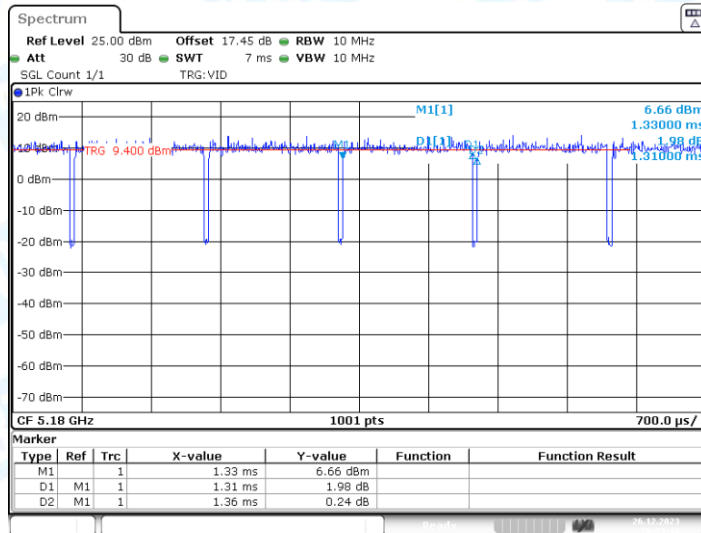
Date: 26.DEC.2023 21:32:53

11N40SISO_Ant1_5795



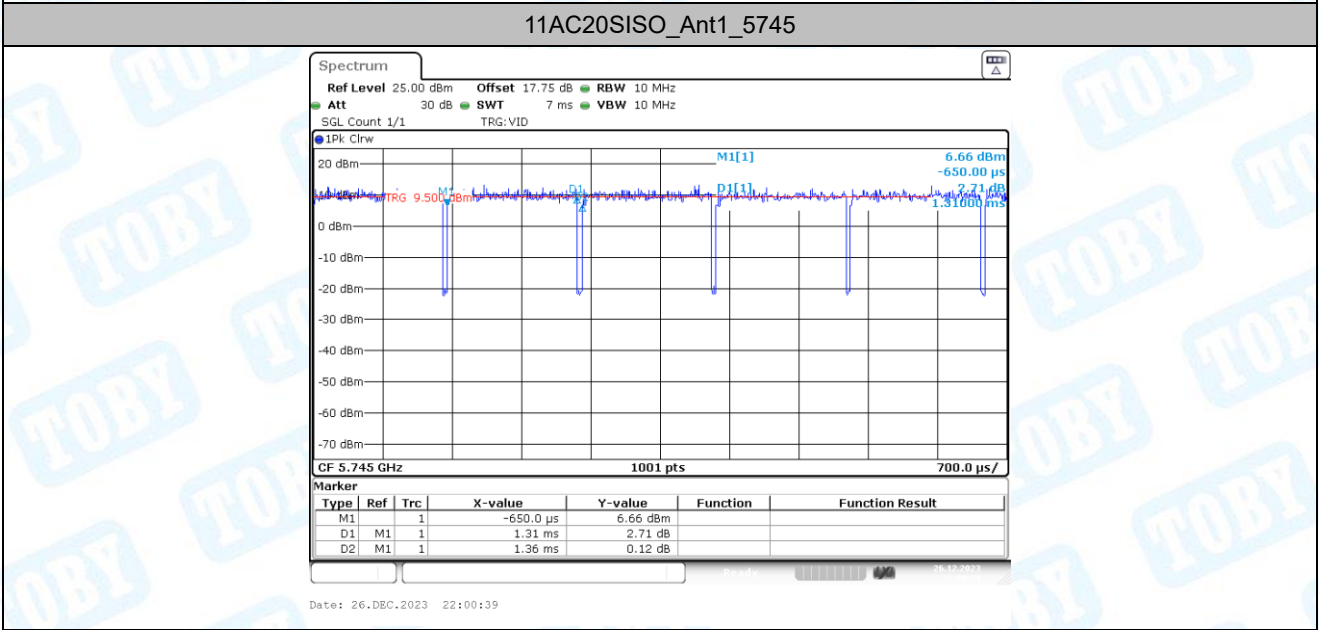
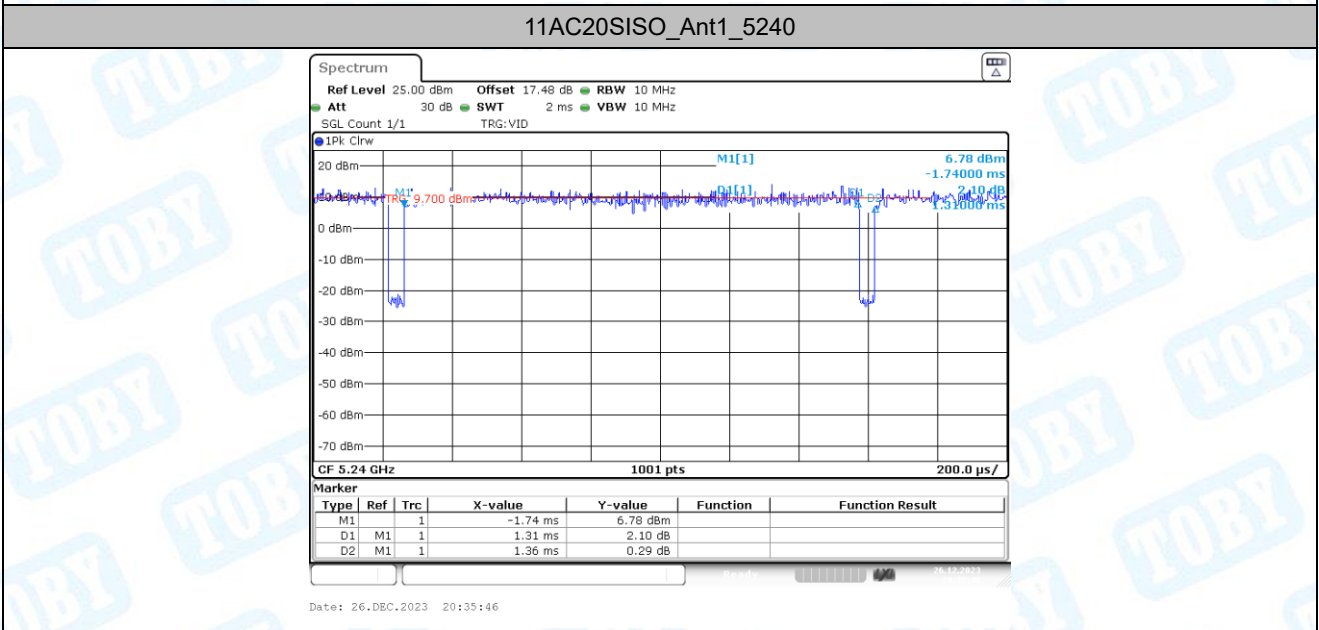
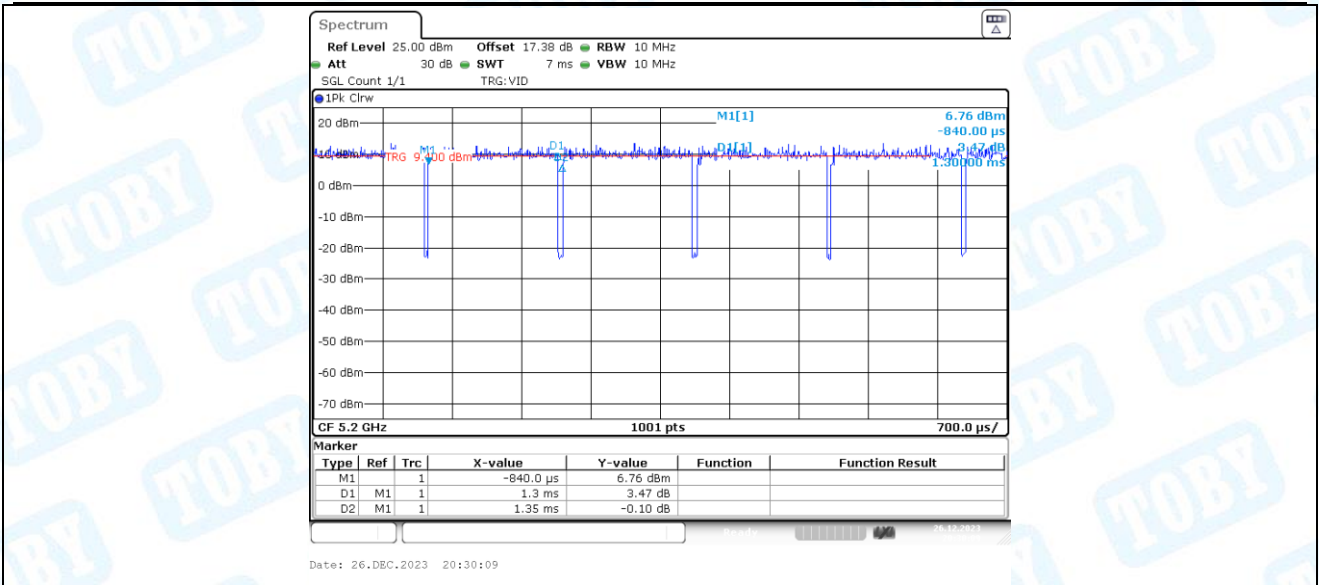
Date: 26.DEC.2023 21:39:47

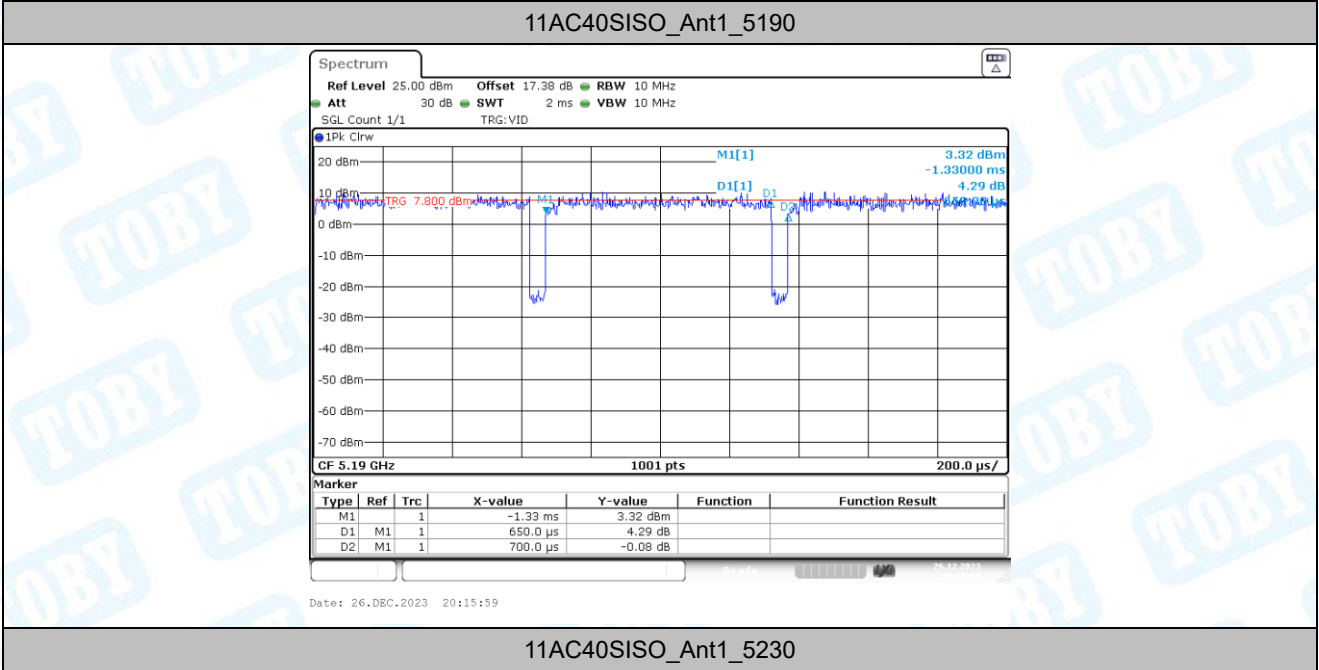
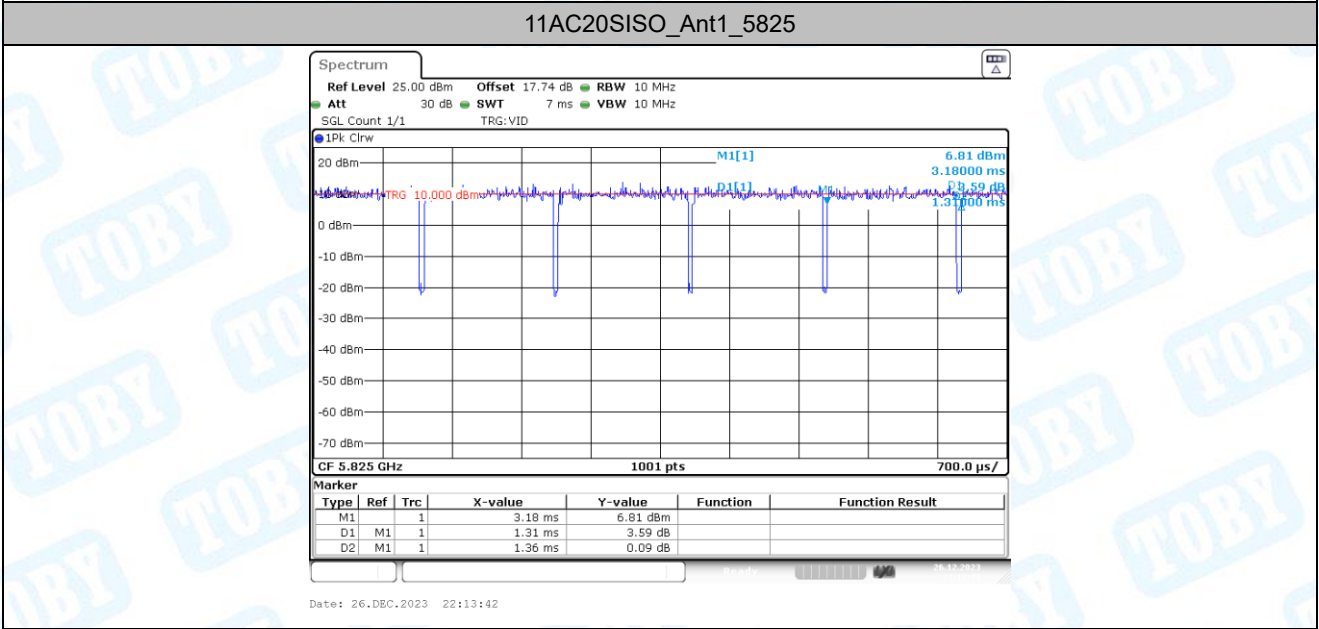
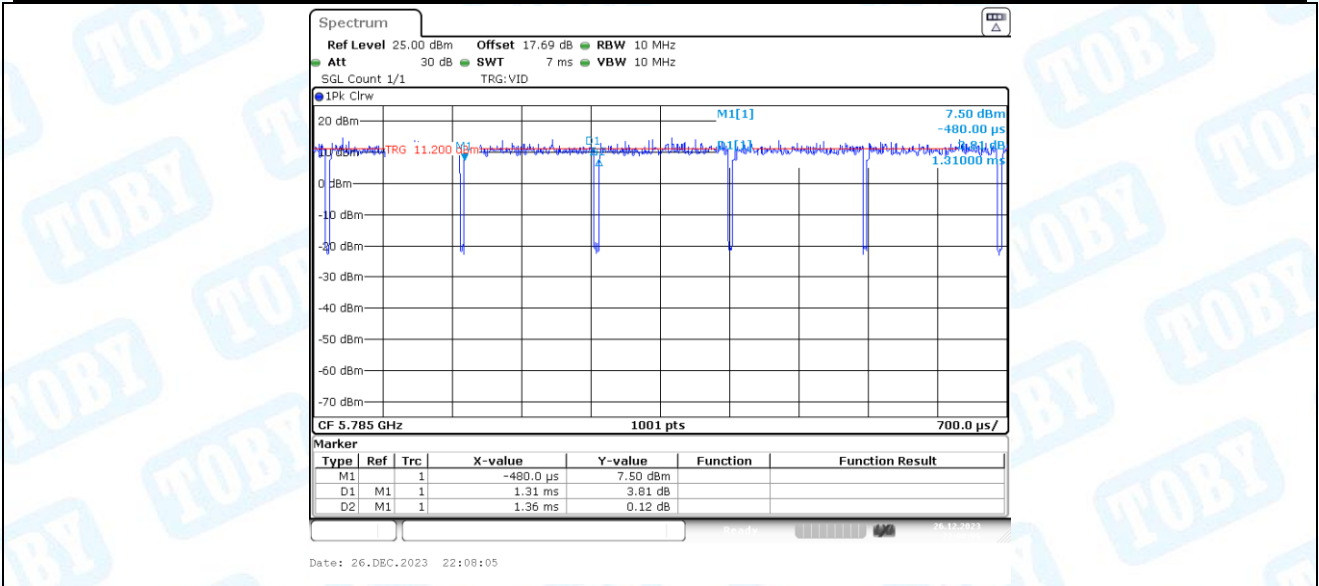
11AC20SISO_Ant1_5180

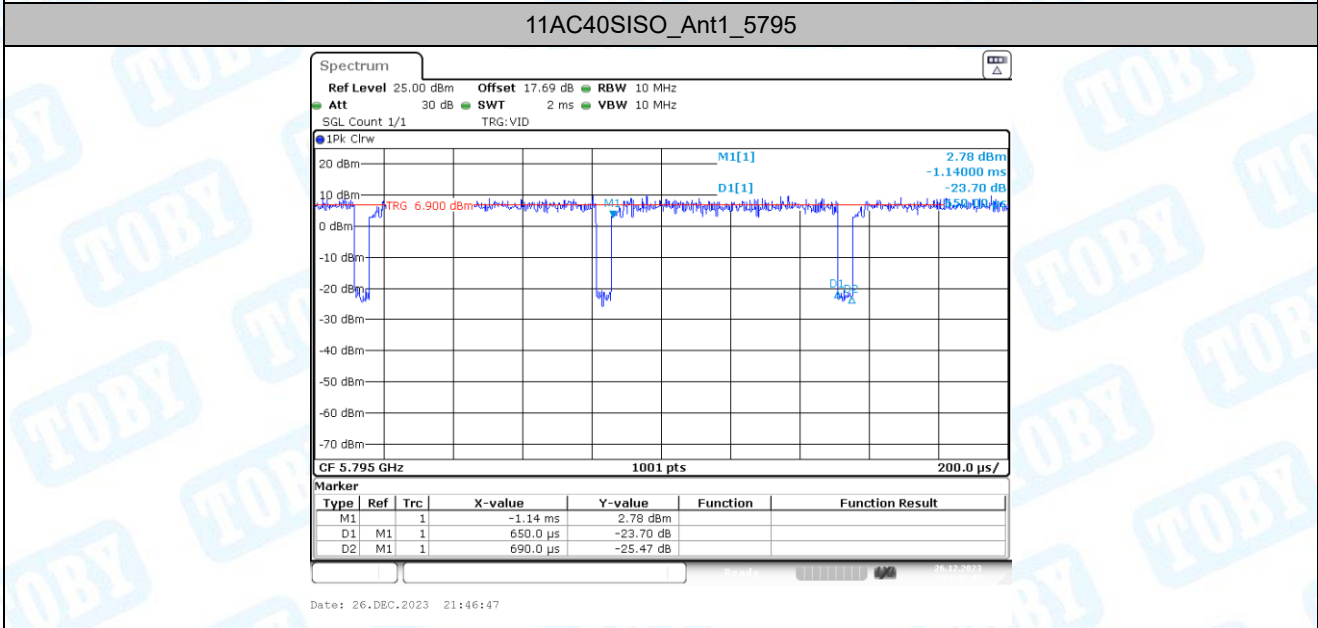
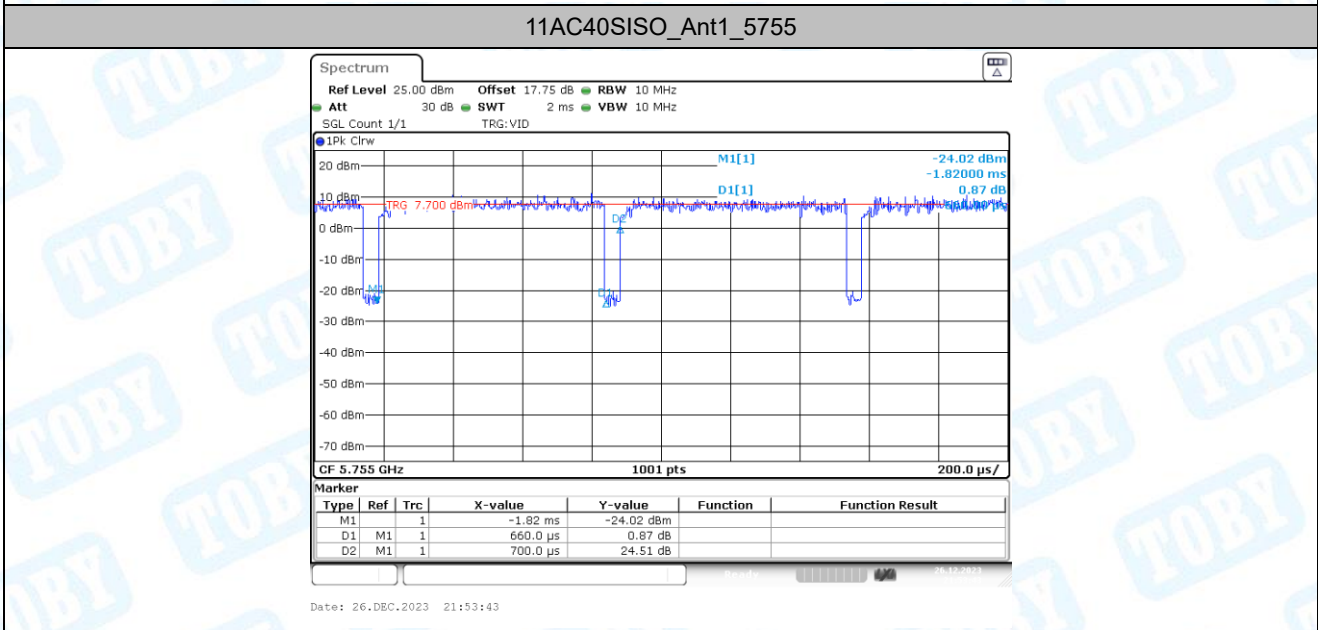
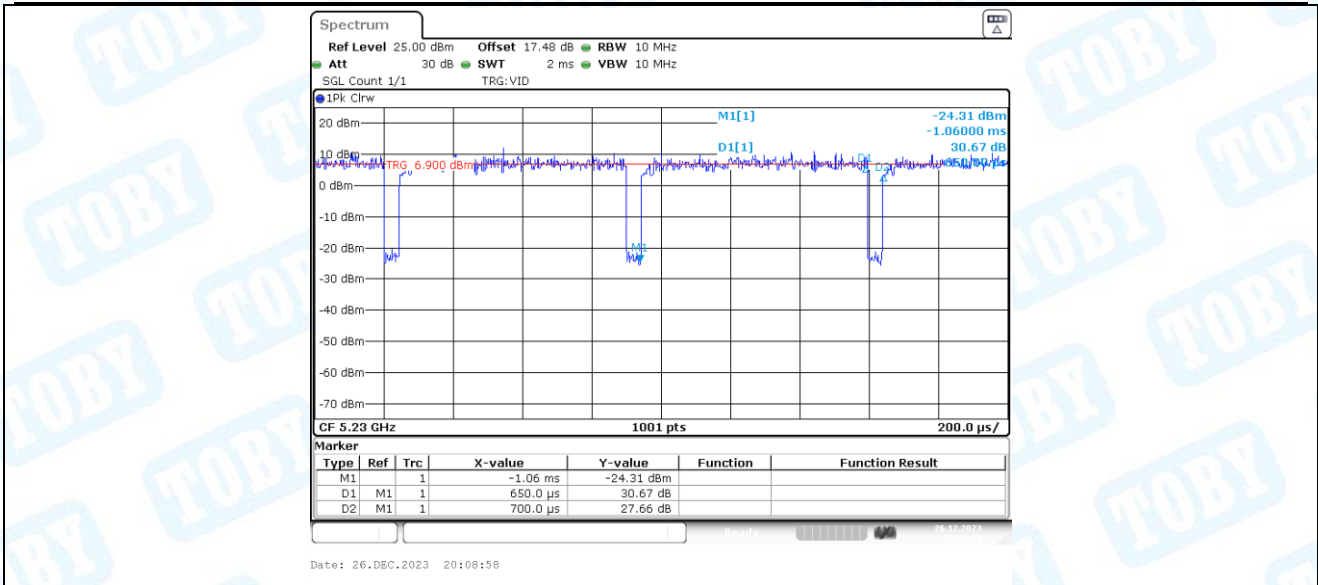


Date: 26.DEC.2023 20:23:09

11AC20SISO_Ant1_5200







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