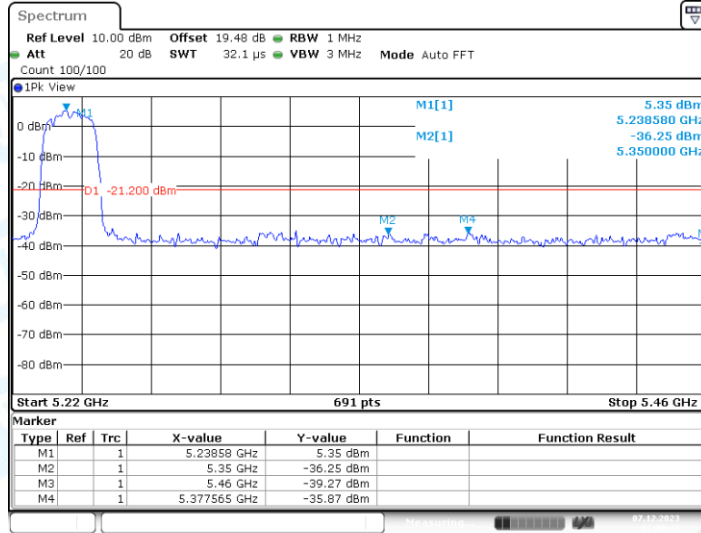


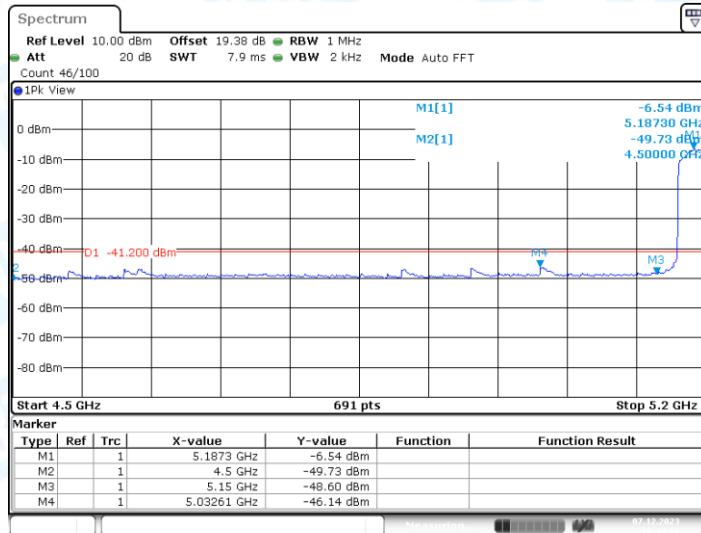
Date: 7.DEC.2023 12:00:48

11AC20SISO_Ant1_High_5240_Peak



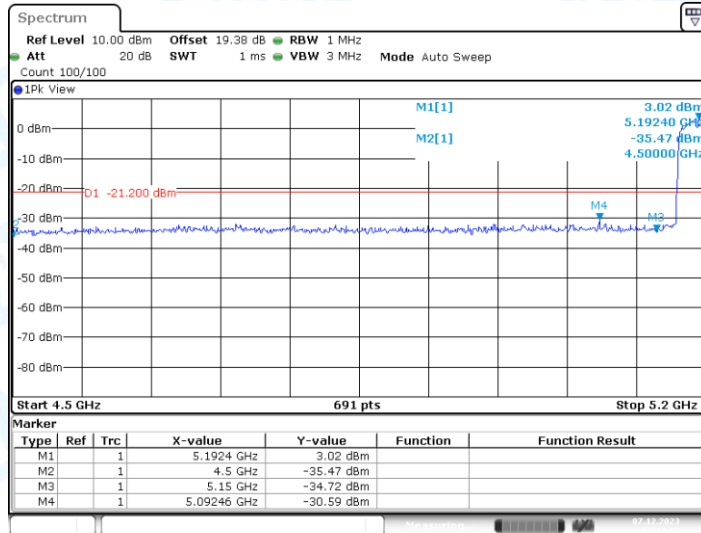
Date: 7.DEC.2023 12:00:32

11AC40SISO_Ant1_Low_5190_AV



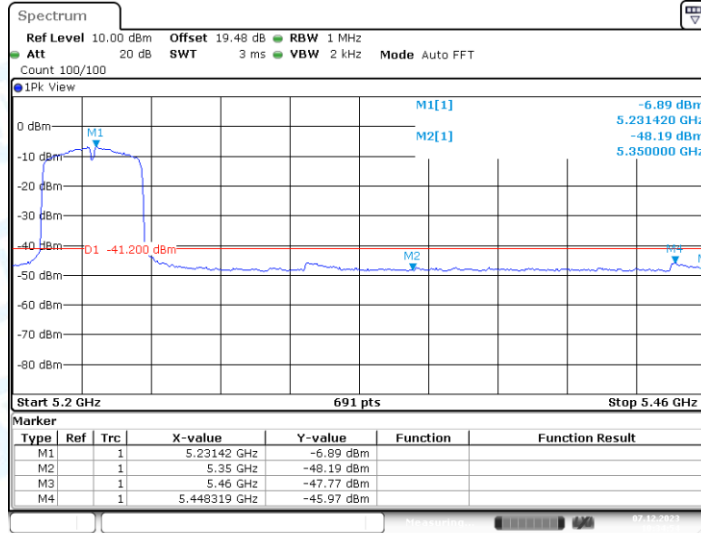
Date: 7.DEC.2023 10:44:06

11AC40SISO_Ant1_Low_5190_Peak



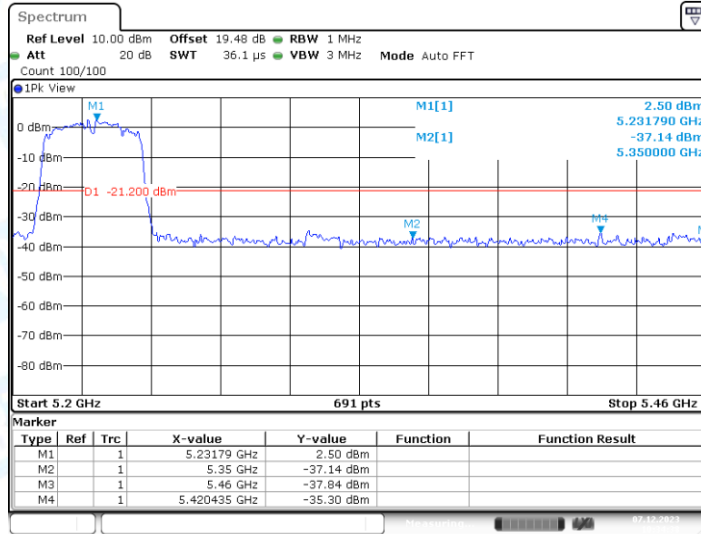
Date: 7.DEC.2023 10:43:50

11AC40SISO_Ant1_High_5230_AV



Date: 7.DEC.2023 10:34:54

11AC40SISO_Ant1_High_5230_Peak



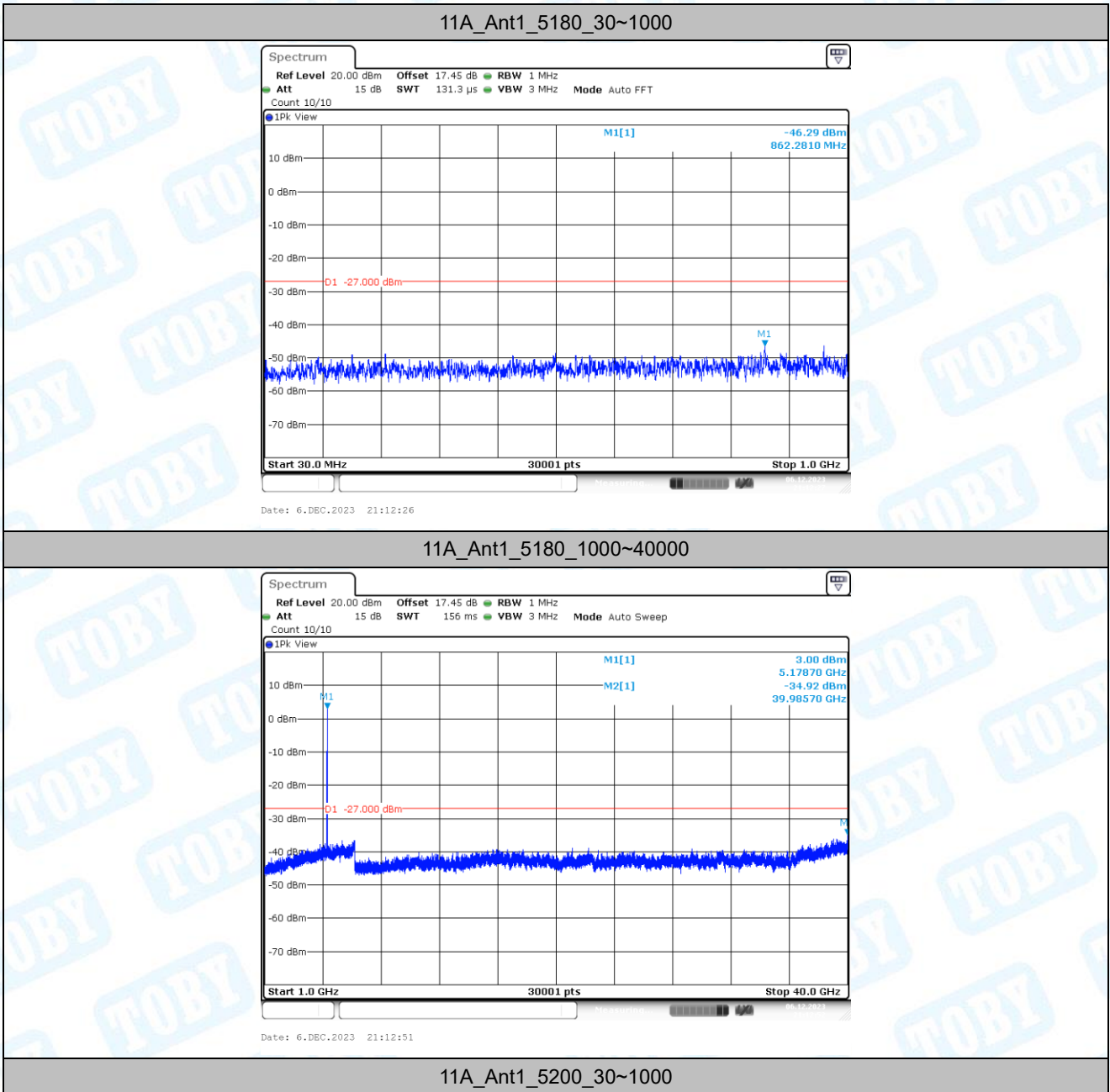
Date: 7.DEC.2023 10:34:38

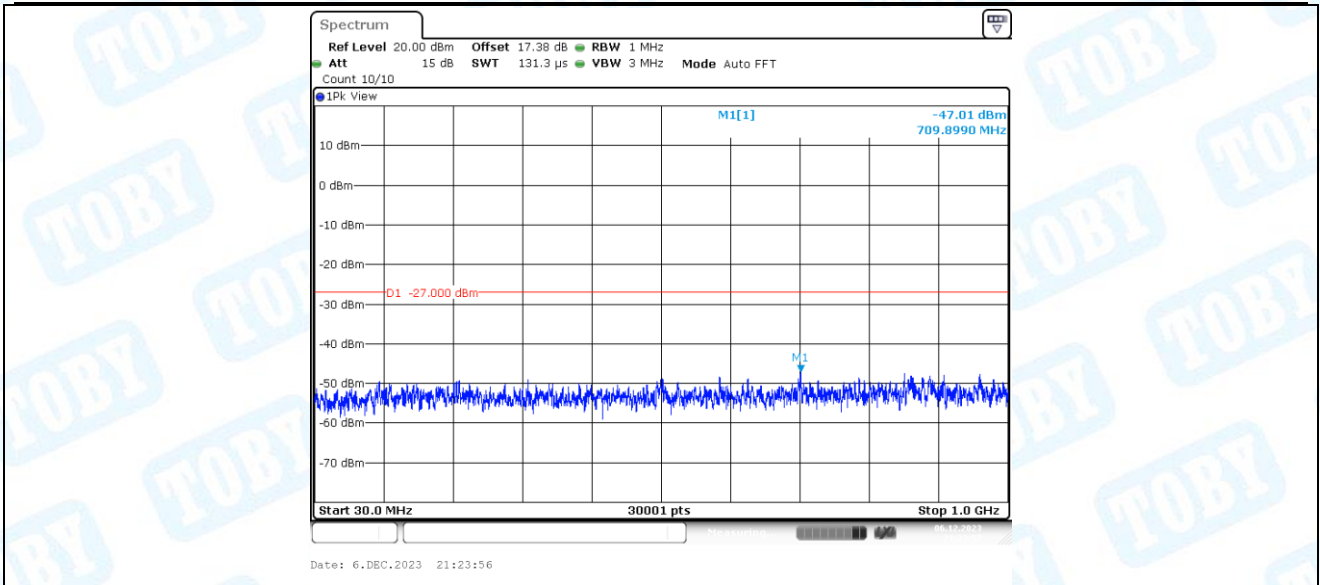
7. Conducted Spurious Emission

7.1. Test Result

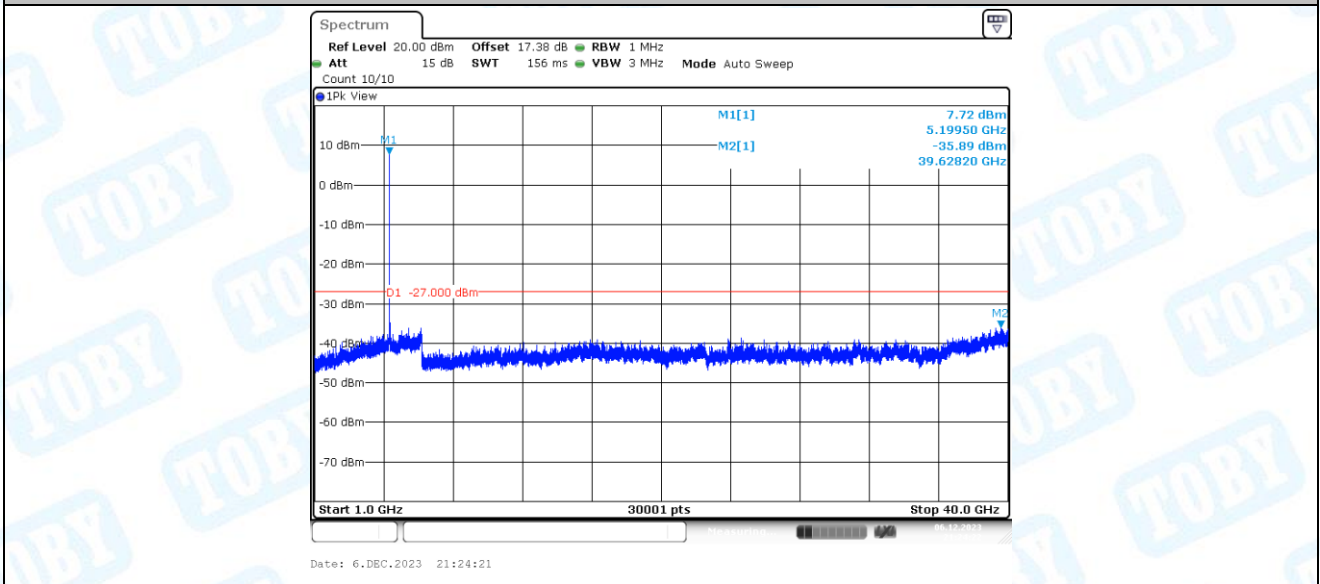
TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	862.28	-46.29	≤-27	PASS
			1000~40000	39985.7	-34.92	≤-27	PASS
		5200	30~1000	709.9	-47.01	≤-27	PASS
			1000~40000	39628.2	-35.89	≤-27	PASS
		5240	30~1000	888.73	-46.68	≤-27	PASS
			1000~40000	39691.9	-35.59	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	960.6	-47.21	≤-27	PASS
			1000~40000	39633.4	-35.59	≤-27	PASS
		5200	30~1000	705.76	-47.43	≤-27	PASS
			1000~40000	6982.6	-36.35	≤-27	PASS
		5240	30~1000	905.28	-47.1	≤-27	PASS
			1000~40000	39395.5	-35.86	≤-27	PASS
11N40SISO	Ant1	5190	30~1000	861.21	-46.09	≤-27	PASS
			1000~40000	6994.3	-35.72	≤-27	PASS
		5230	30~1000	796.23	-48.07	≤-27	PASS
			1000~40000	39275.9	-36.39	≤-27	PASS
11AC20SISO	Ant1	5180	30~1000	888.63	-47.36	≤-27	PASS
			1000~40000	39299.3	-35.84	≤-27	PASS
		5200	30~1000	867.97	-47.79	≤-27	PASS
			1000~40000	6891.6	-36.08	≤-27	PASS
		5240	30~1000	862.6	-48.08	≤-27	PASS
			1000~40000	39376	-36.08	≤-27	PASS
11AC40SISO	Ant1	5190	30~1000	706.92	-47.51	≤-27	PASS
			1000~40000	39998.7	-36.1	≤-27	PASS
		5230	30~1000	862.44	-46.74	≤-27	PASS
			1000~40000	39359.1	-35.57	≤-27	PASS

7.2. Test Graphs

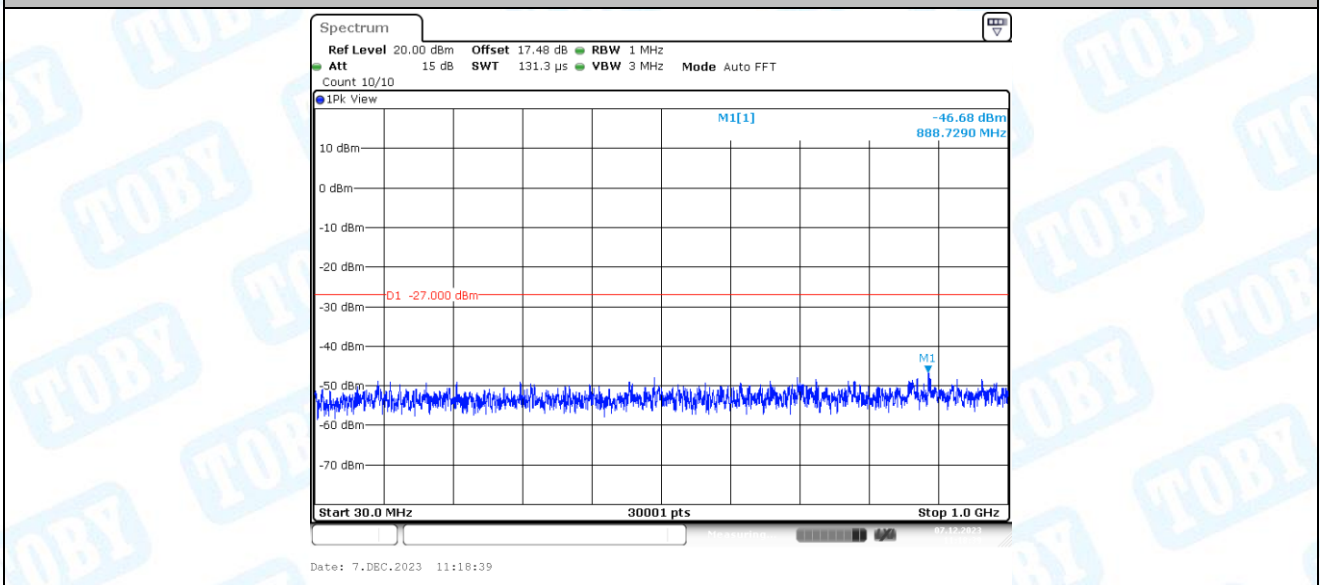




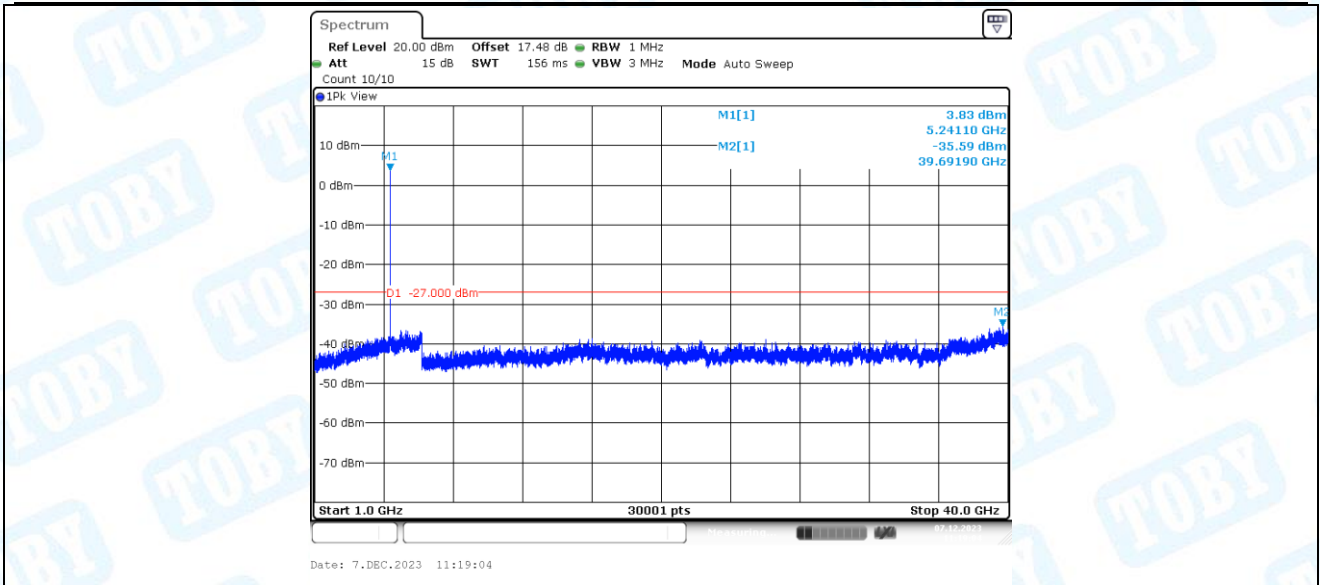
11A_Ant1_5200_1000~40000



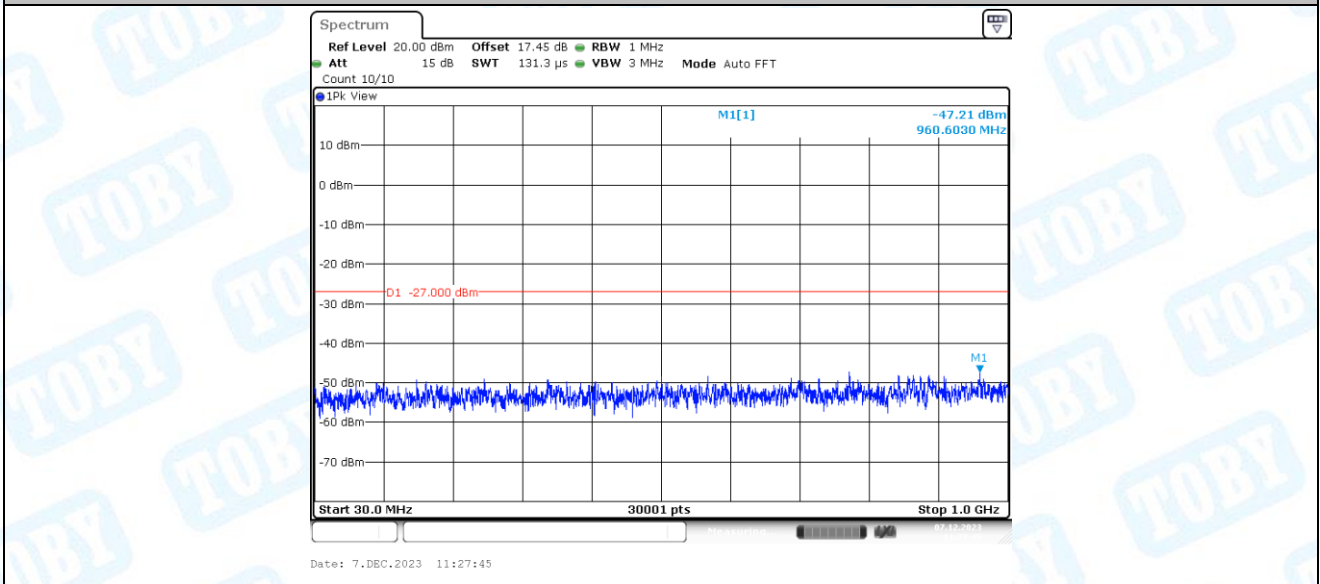
11A_Ant1_5240_30~1000



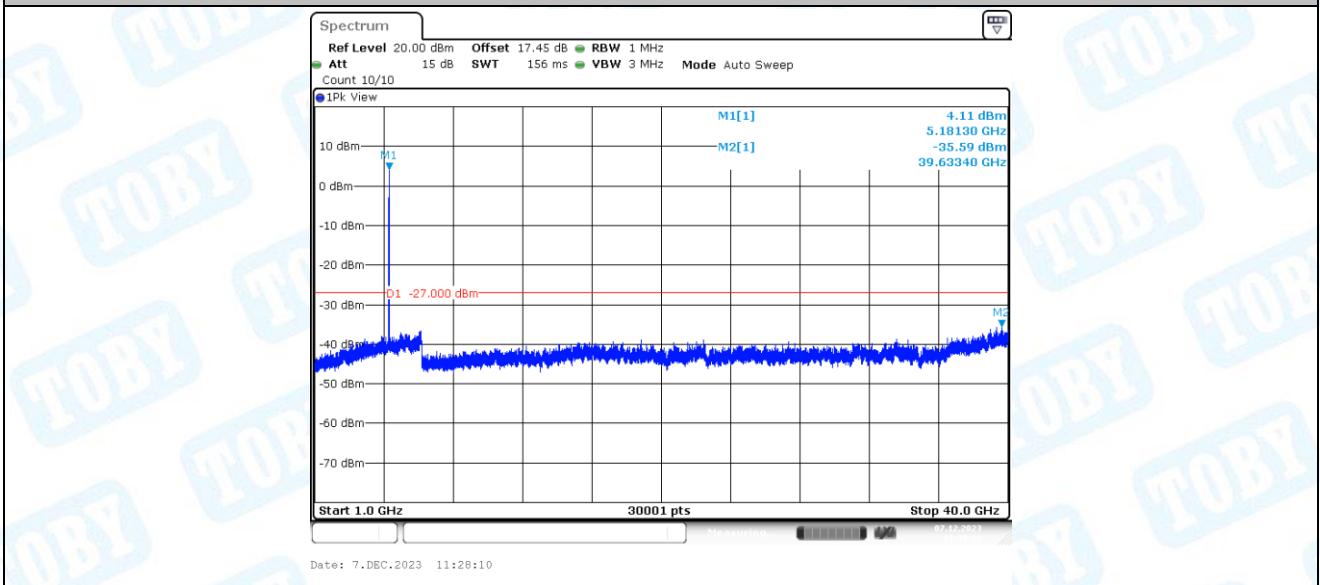
11A_Ant1_5240_1000~40000



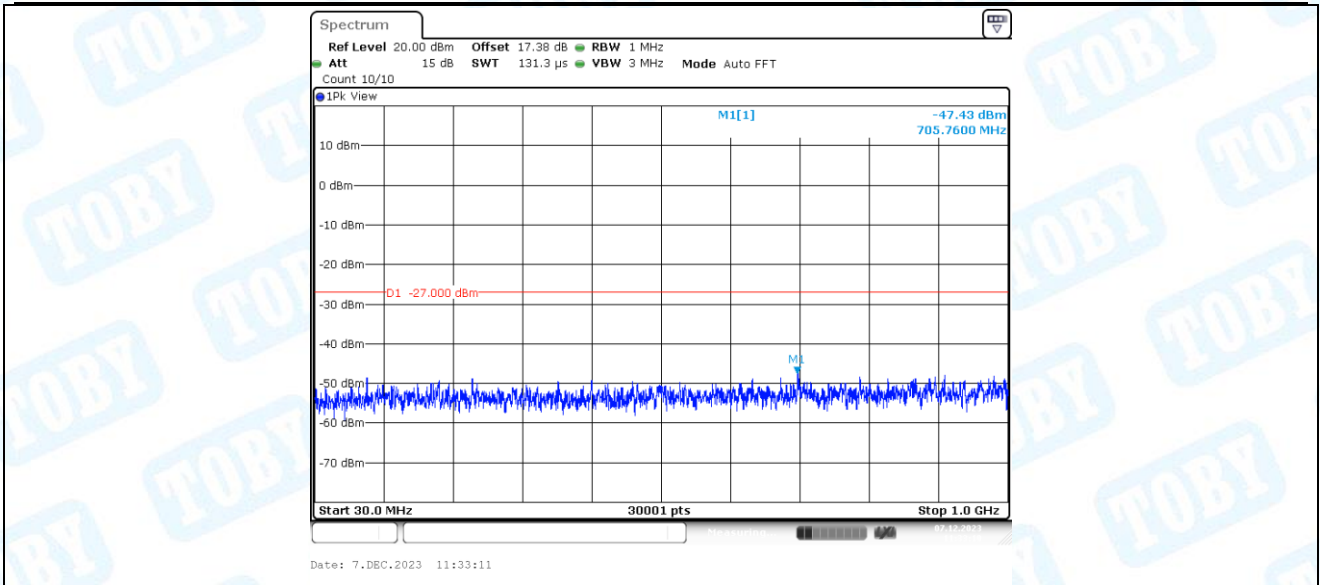
11N20SISO_Ant1_5180_30~1000



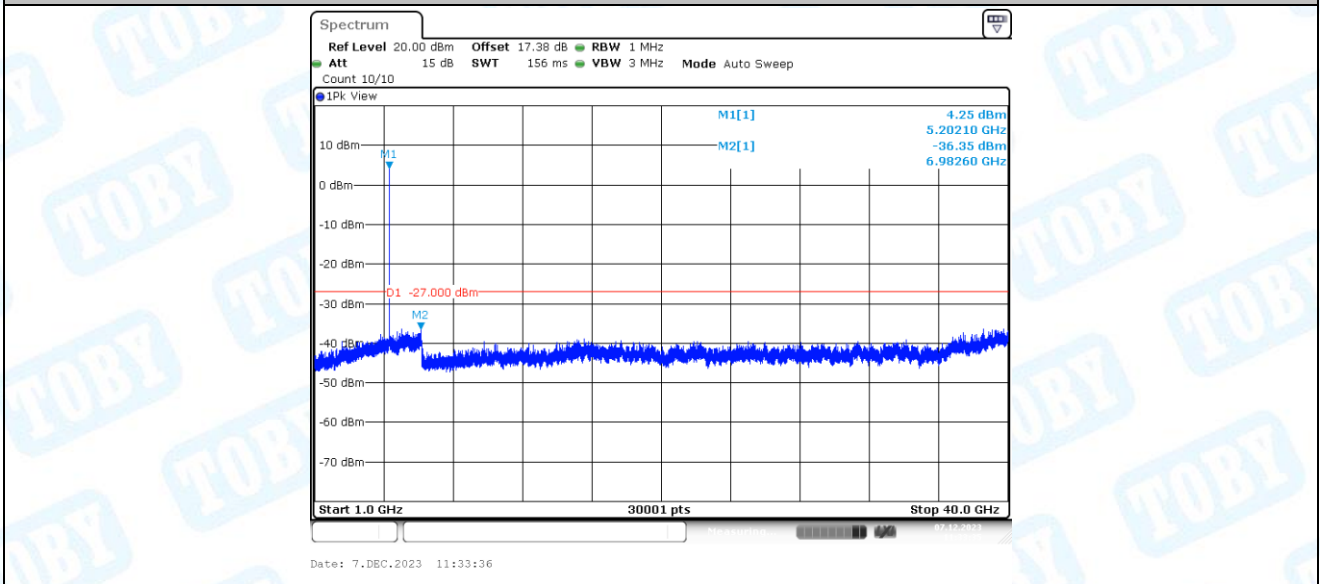
11N20SISO_Ant1_5180_1000~40000



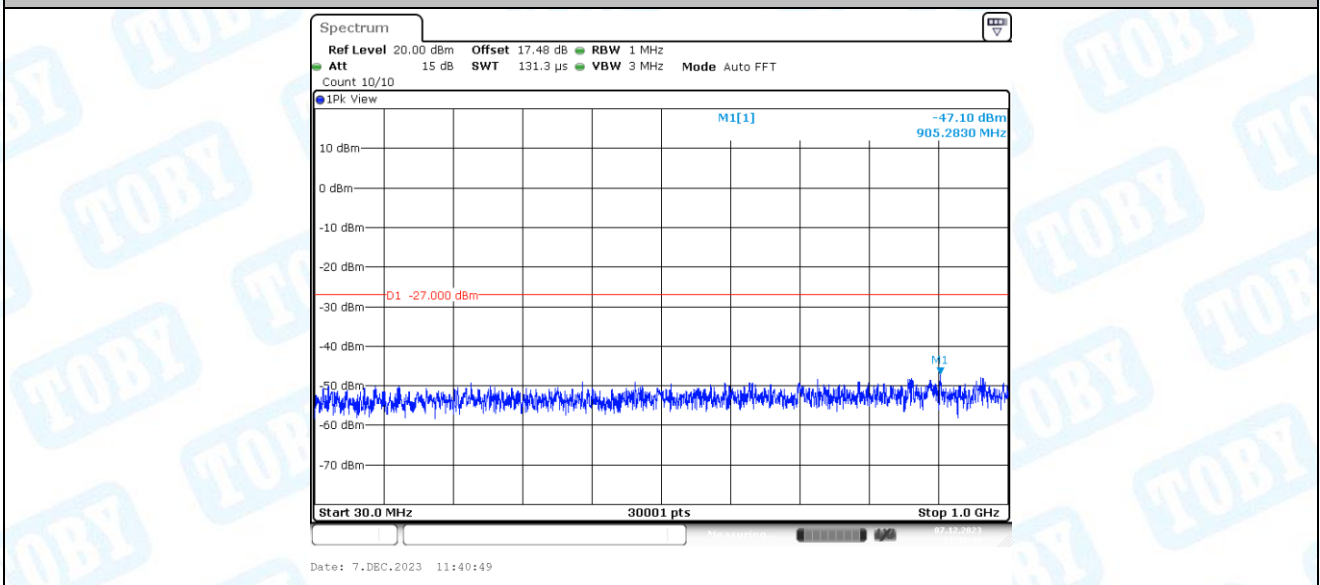
11N20SISO_Ant1_5200_30~1000



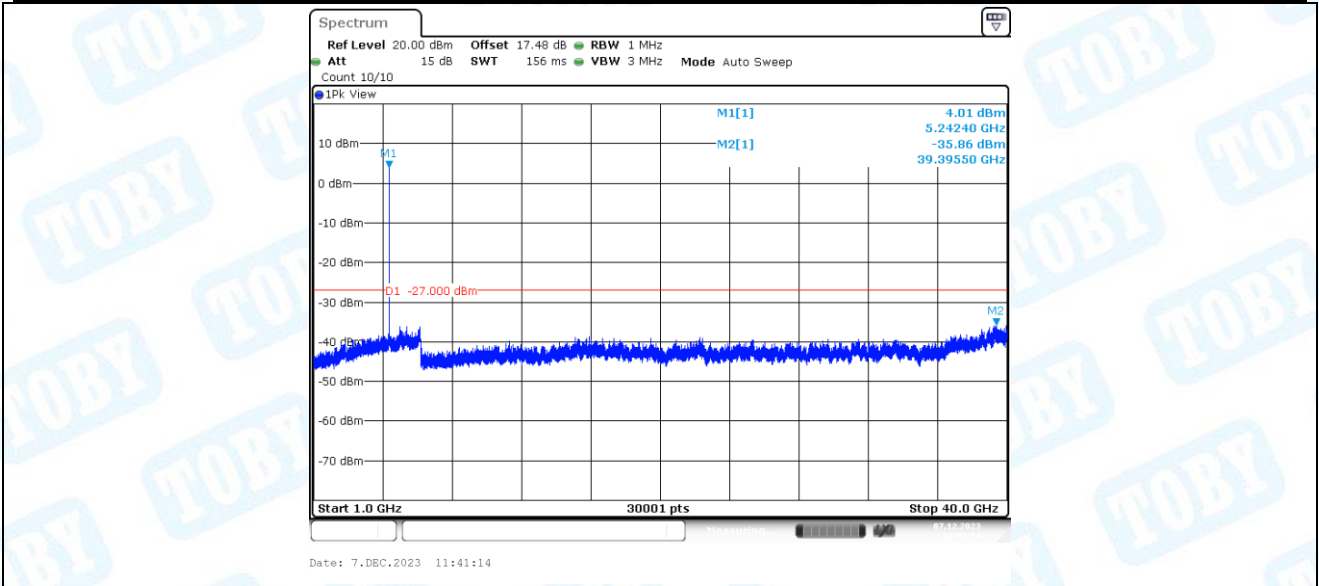
11N20SISO_Ant1_5200_1000~40000



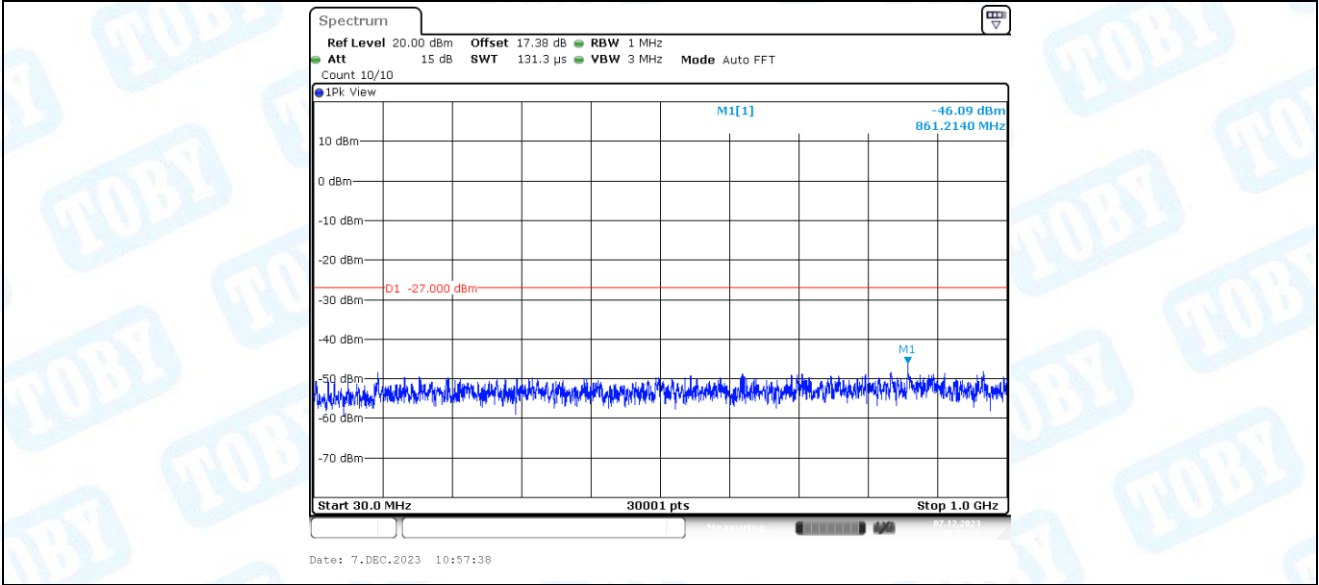
11N20SISO_Ant1_5240_30~1000



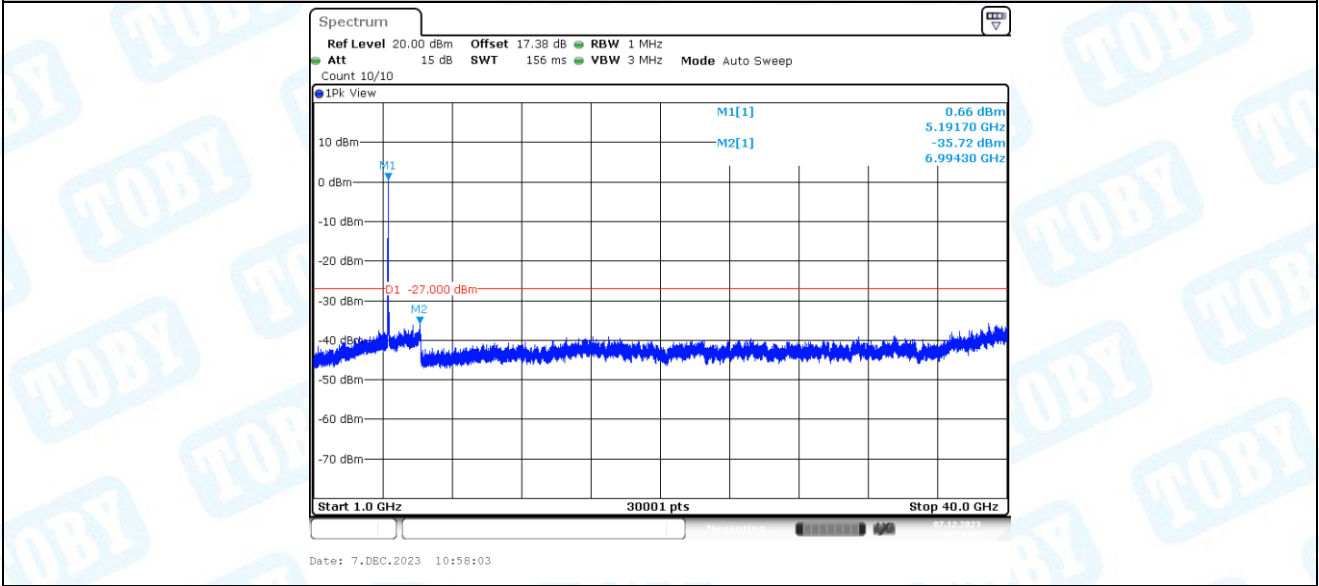
11N20SISO_Ant1_5240_1000~40000



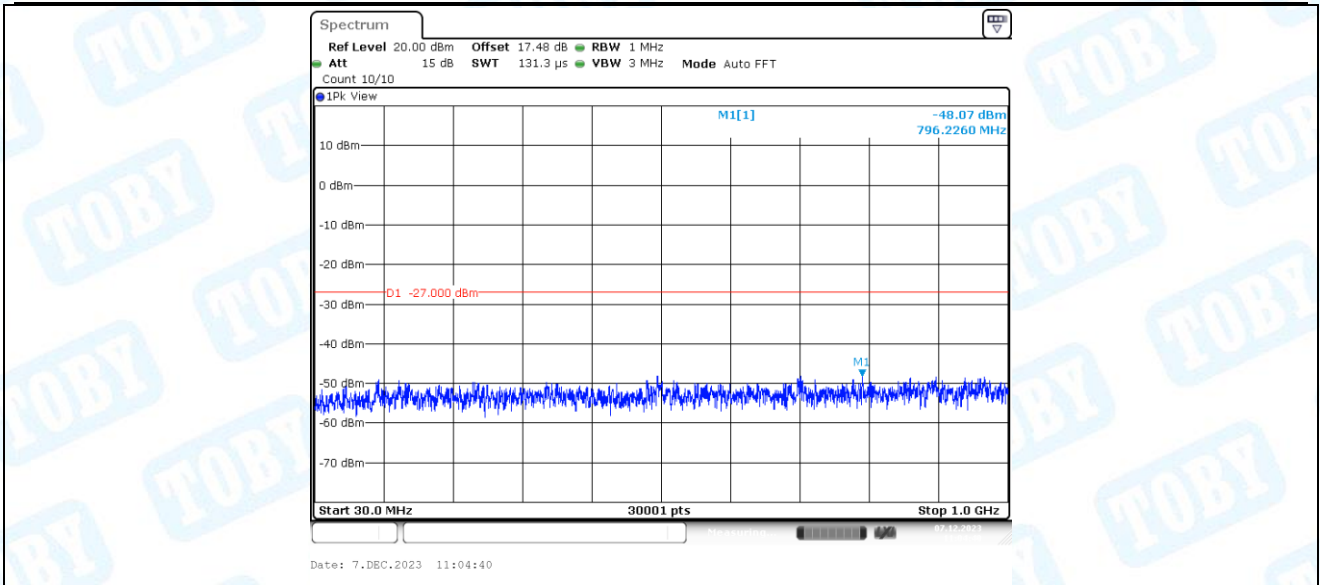
11N40SISO_Ant1_5190_30~1000



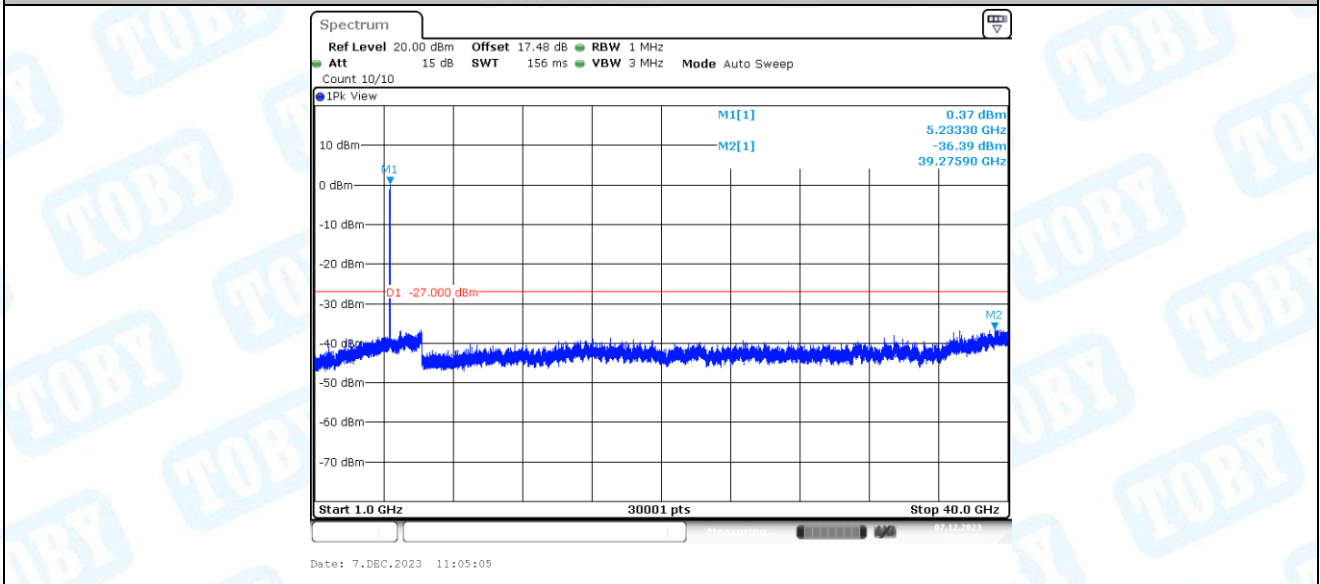
11N40SISO_Ant1_5190_1000~40000



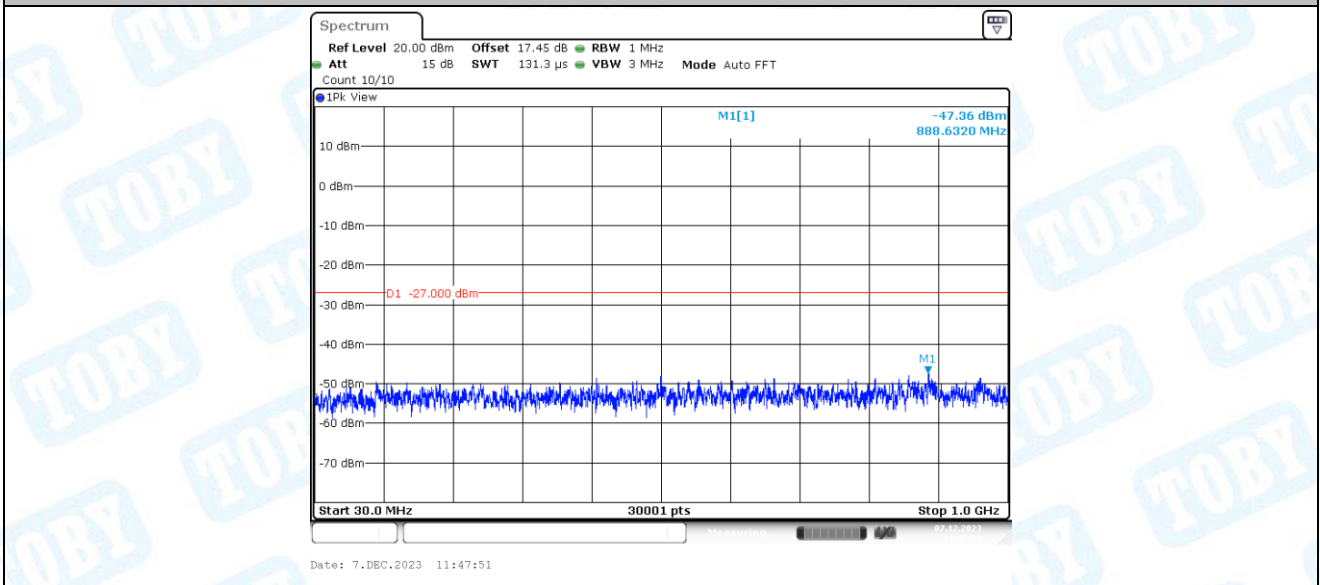
11N40SISO_Ant1_5230_30~1000



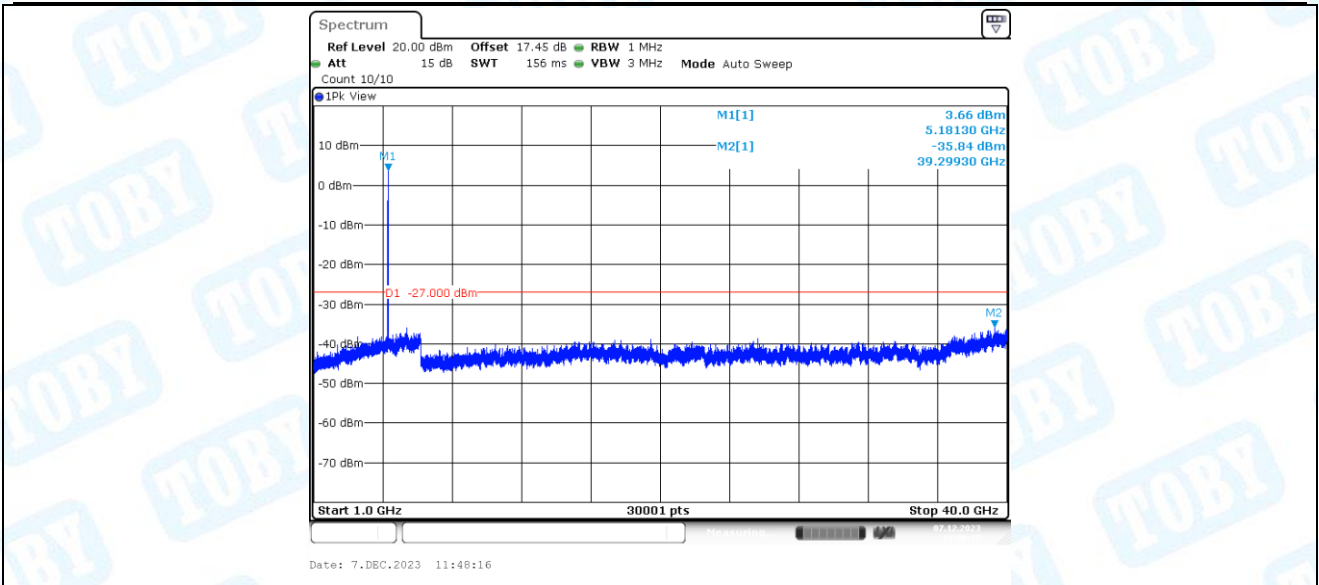
11N40SISO_Ant1_5230_1000~40000



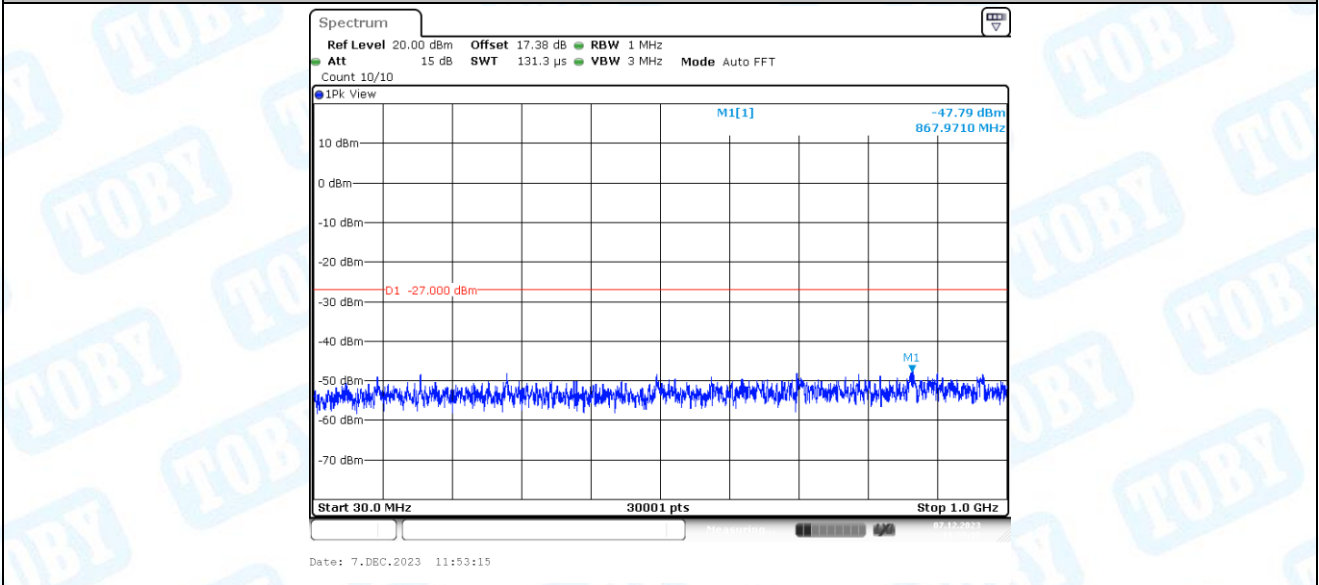
11AC20SISO_Ant1_5180_30~1000



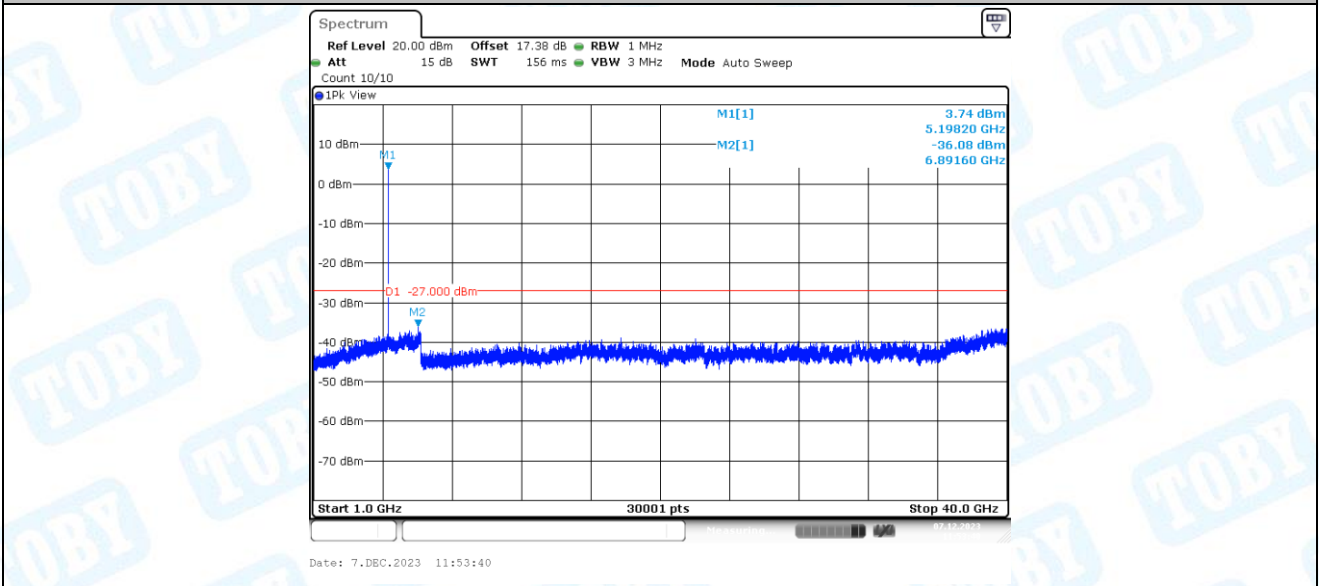
11AC20SISO_Ant1_5180_1000~40000



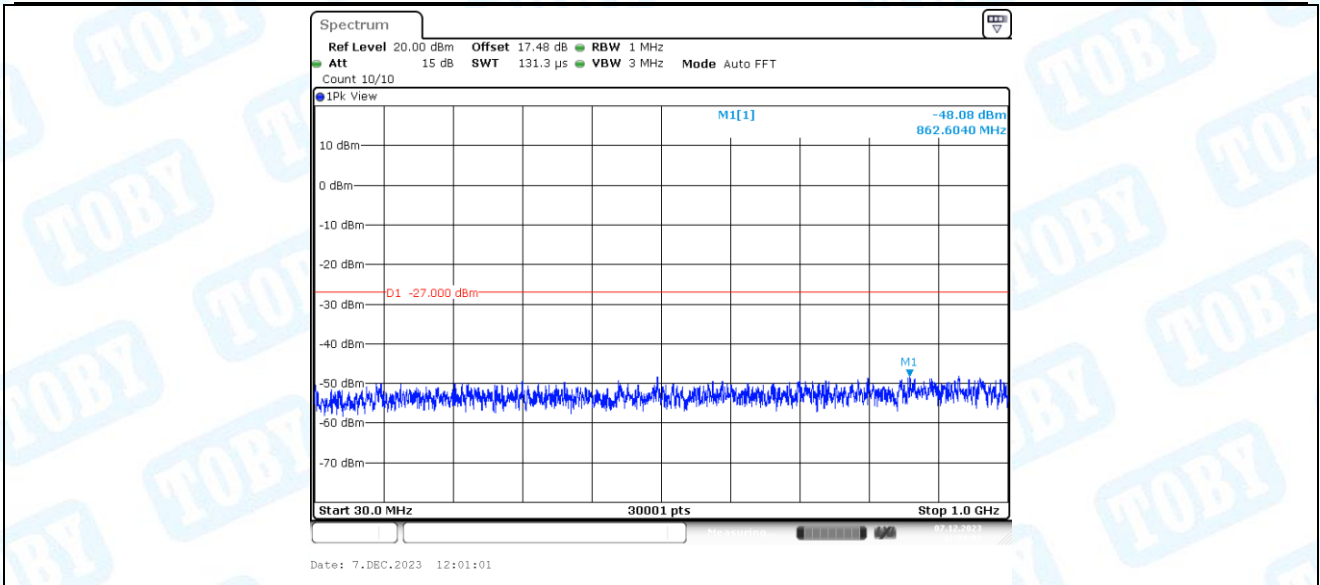
11AC20SISO_Ant1_5200_30~1000



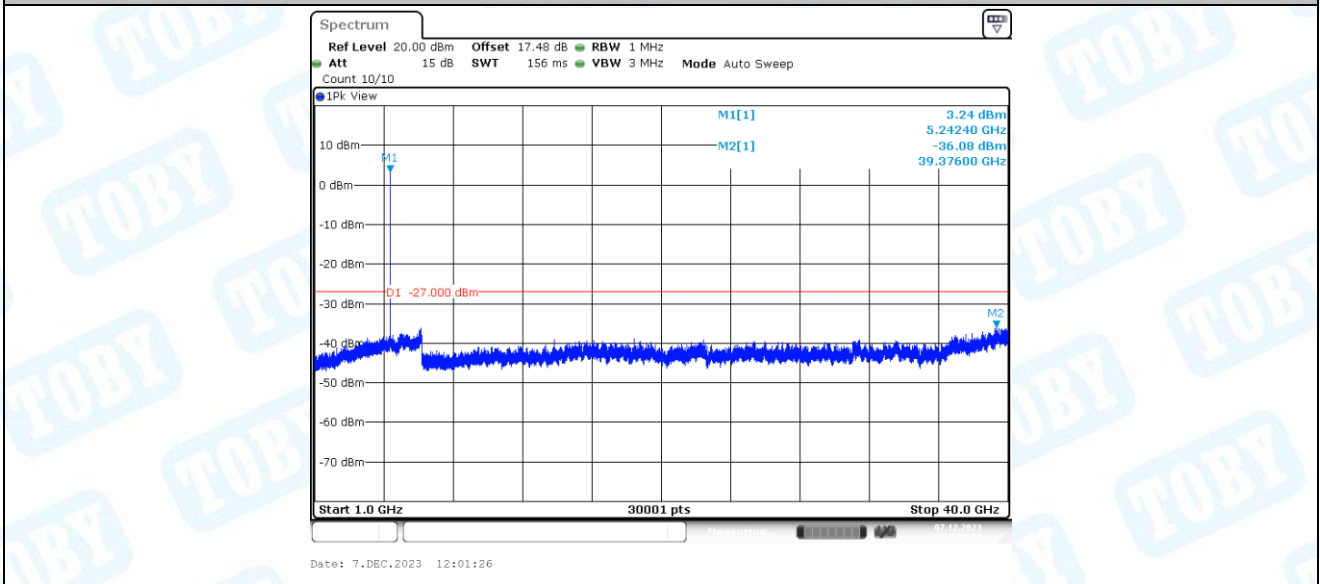
11AC20SISO_Ant1_5200_1000~40000



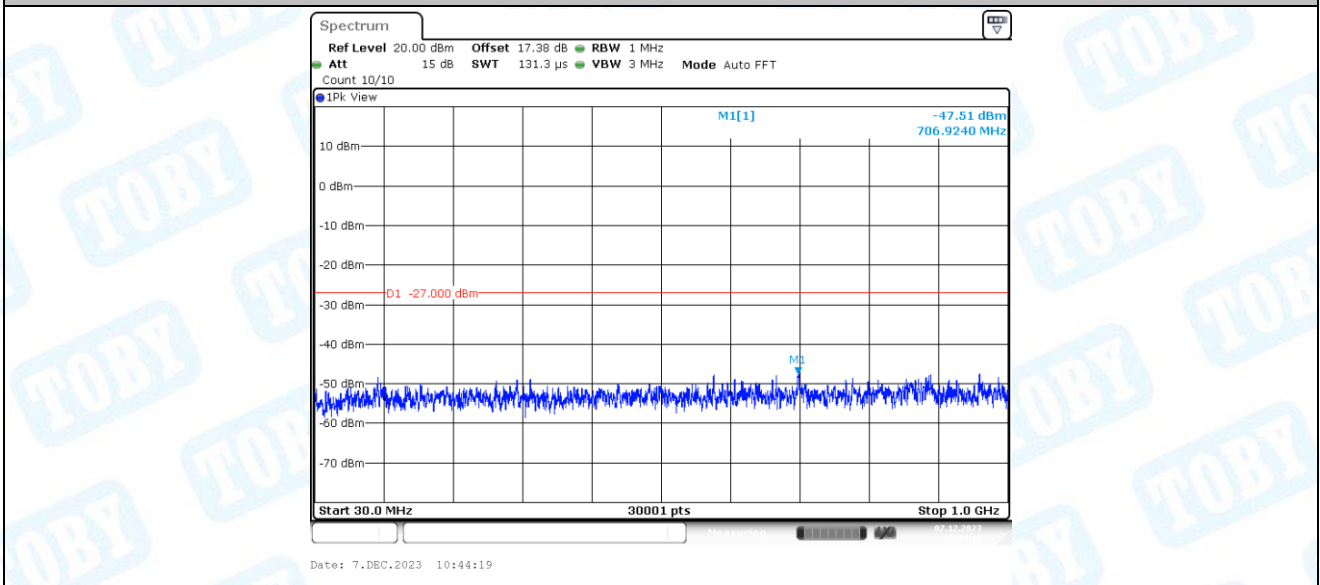
11AC20SISO_Ant1_5240_30~1000



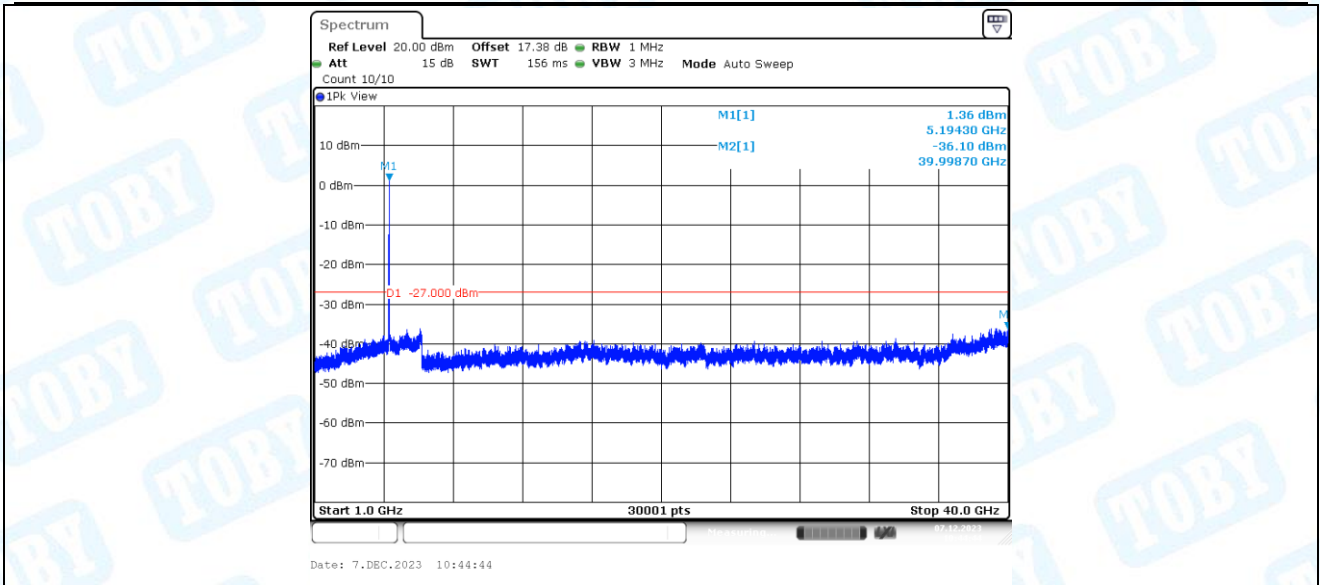
11AC20SISO_Ant1_5240_1000~40000



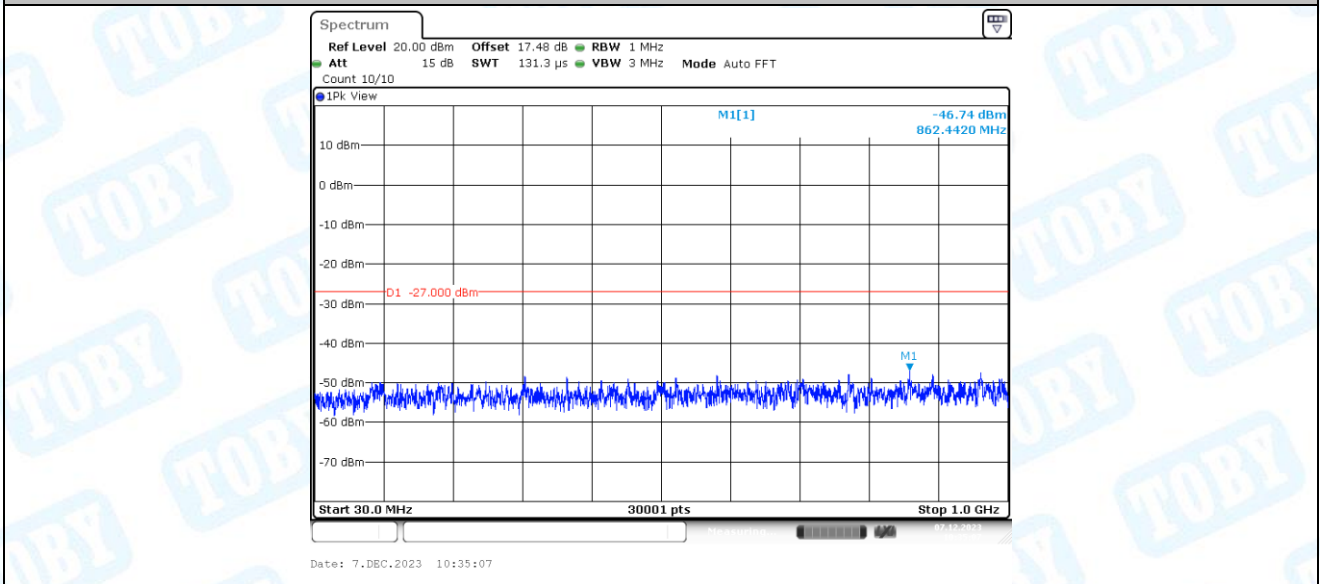
11AC40SISO_Ant1_5190_30~1000



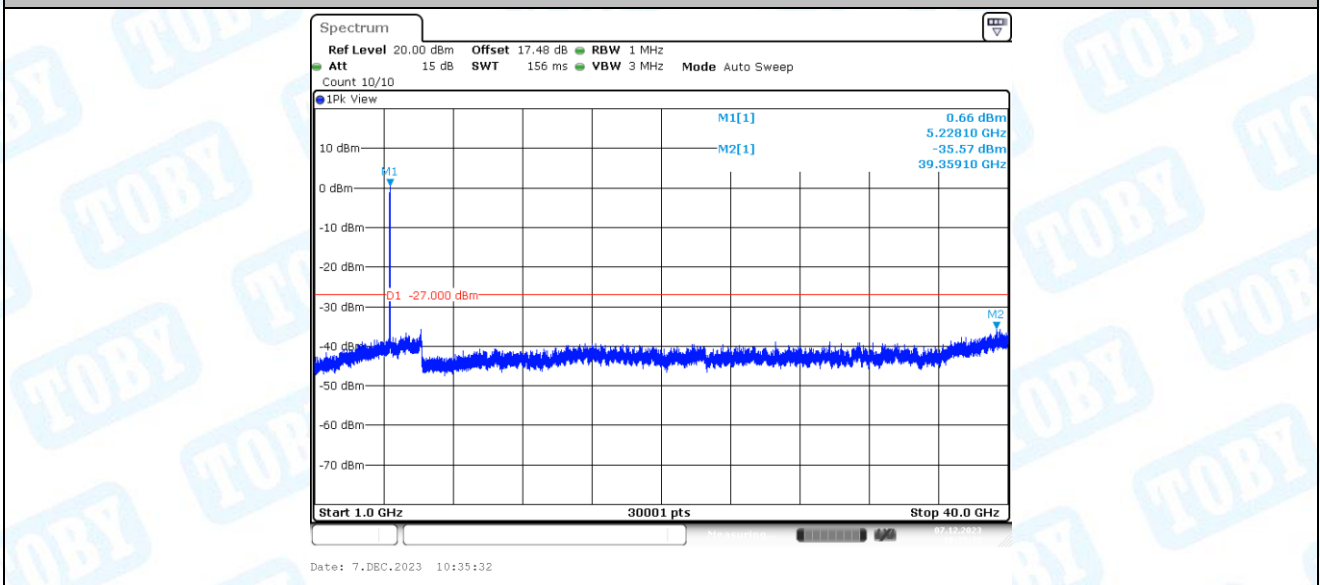
11AC40SISO_Ant1_5190_1000~40000



11AC40SISO_Ant1_5230_30~1000



11AC40SISO_Ant1_5230_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	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
		5200	NV	NT	-20000.00	-3.846154	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
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	-20000.00	-3.846154	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	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
11N40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	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	5180	NV	NT	0.00	0.000000	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
11AC40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
		5230	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	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		
		5200	NV	50	20000.00	3.861004	20	PASS		
			NV	-30	-20000.00	-3.846154	20	PASS		
			NV	-20	0.00	0.000000	20	PASS		
			NV	-10	-20000.00	-3.846154	20	PASS		
			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		
		5240	NV	40	20000.00	3.846154	20	PASS		
			NV	50	-20000.00	-3.846154	20	PASS		
			NV	-30	0.00	0.000000	20	PASS		
			NV	-20	-20000.00	-3.816794	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	0.00	0.000000	20	PASS		
		11N20SISO	Ant1	5180	NV	30	0.00	0.000000	20	PASS
					NV	40	20000.00	3.861004	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				-20000.00	-3.861004	20	PASS		
NV	0				0.00	0.000000	20	PASS		
NV	10				-20000.00	-3.861004	20	PASS		
5200	NV			20	-20000.00	-3.861004	20	PASS		
	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	-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	20000.00	3.846154	20	PASS
		5240	NV	-30	0.00	0.000000	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	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	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	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	40000.00	7.707129	20	PASS
		5230	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
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
11AC20SISO O	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	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	3.861004	20	PASS
			NV	40	20000.00	3.861004	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	-20000.00	-3.846154	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS

11AC40SIS O	Ant1	5240	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	-3.846154	20	PASS
		NV	-30	-20000.00	-3.816794	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	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	-3.816794	20	PASS	
	5190	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	-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	
		NV	50	0.00	0.000000	20	PASS	
		5230	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		
NV	40		-40000.00	-7.648184	20	PASS		
NV	50		0.00	0.000000	20	PASS		

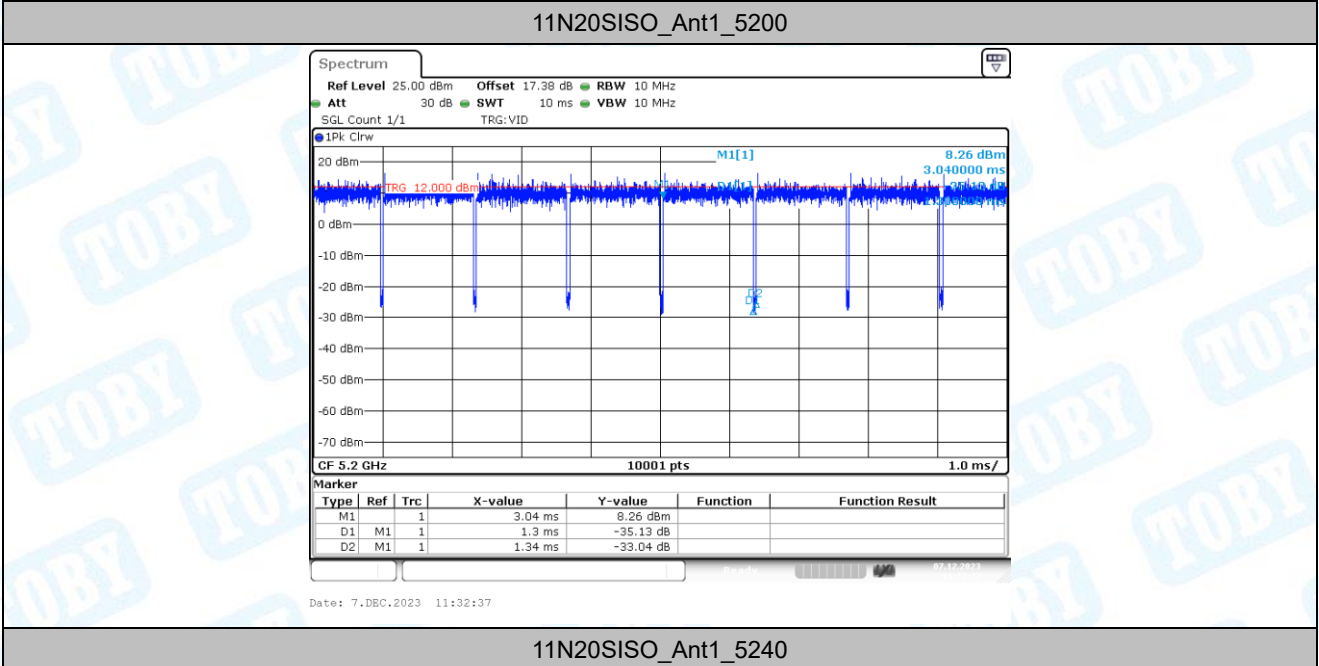
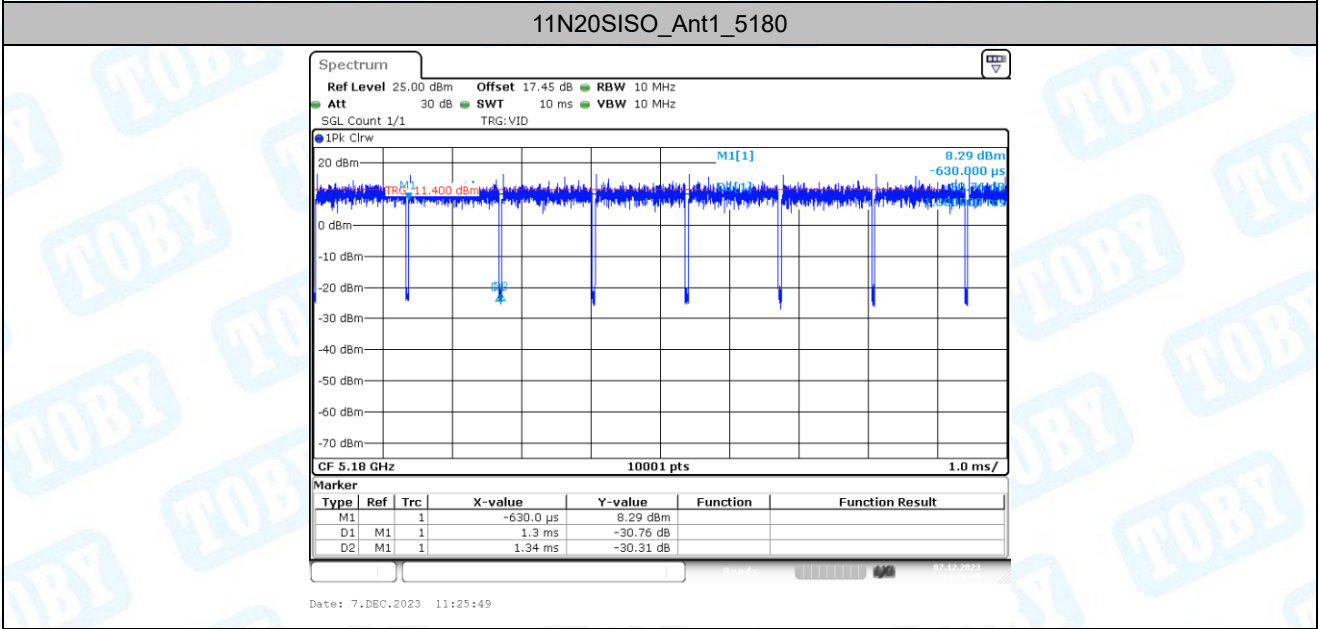
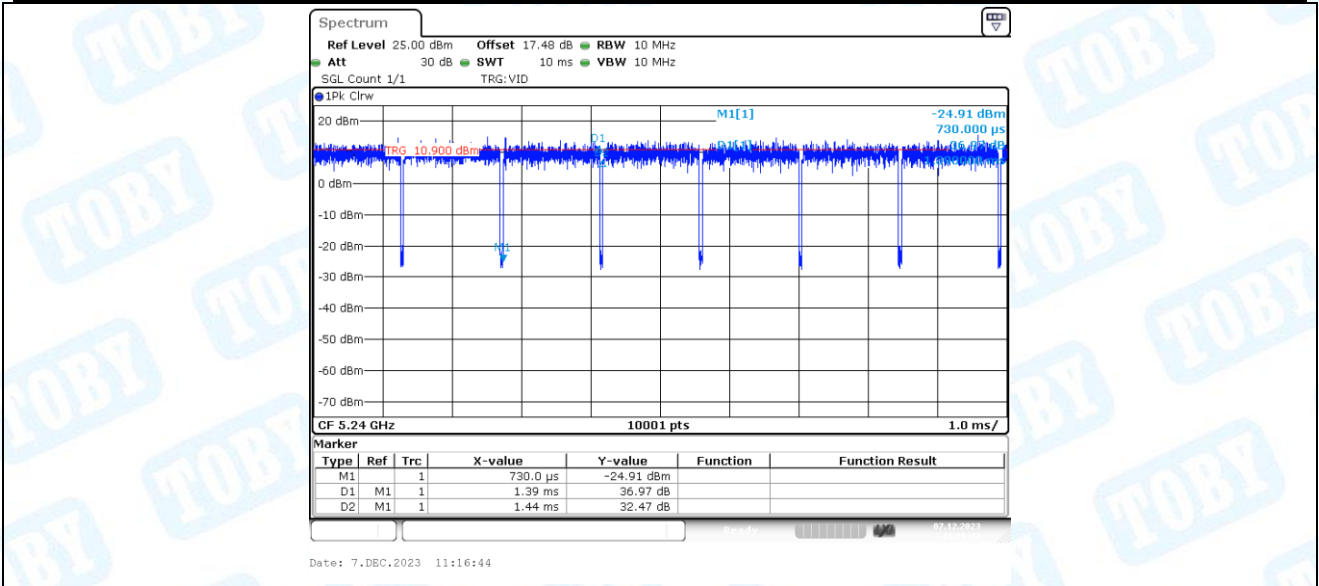
9. Duty Cycle

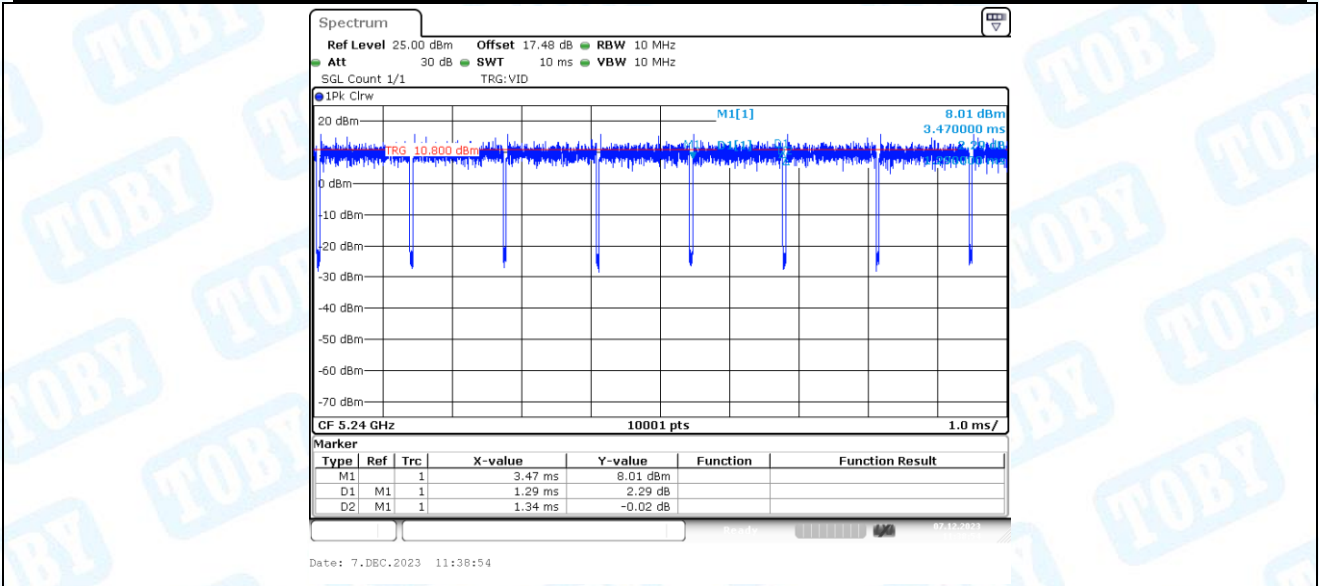
9.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]	Limit	Verdict
11A	Ant1	5180	1.39	1.44	96.53	0.719424	---	---
		5200	1.40	1.44	97.22	0.714286	---	---
		5240	1.39	1.44	96.53	0.719424	---	---
11N20SISO	Ant1	5180	1.30	1.34	97.01	0.769231	---	---
		5200	1.30	1.34	97.01	0.769231	---	---
		5240	1.29	1.34	96.27	0.775194	---	---
11N40SISO	Ant1	5190	0.64	0.69	92.75	1.5625	---	---
		5230	0.65	0.69	94.20	1.538462	---	---
11AC20SISO	Ant1	5180	1.31	1.36	96.32	0.763359	---	---
		5200	1.31	1.36	96.32	0.763359	---	---
		5240	1.32	1.36	97.06	0.757576	---	---
11AC40SISO	Ant1	5190	0.65	0.70	92.86	1.538462	---	---
		5230	0.65	0.70	92.86	1.538462	---	---

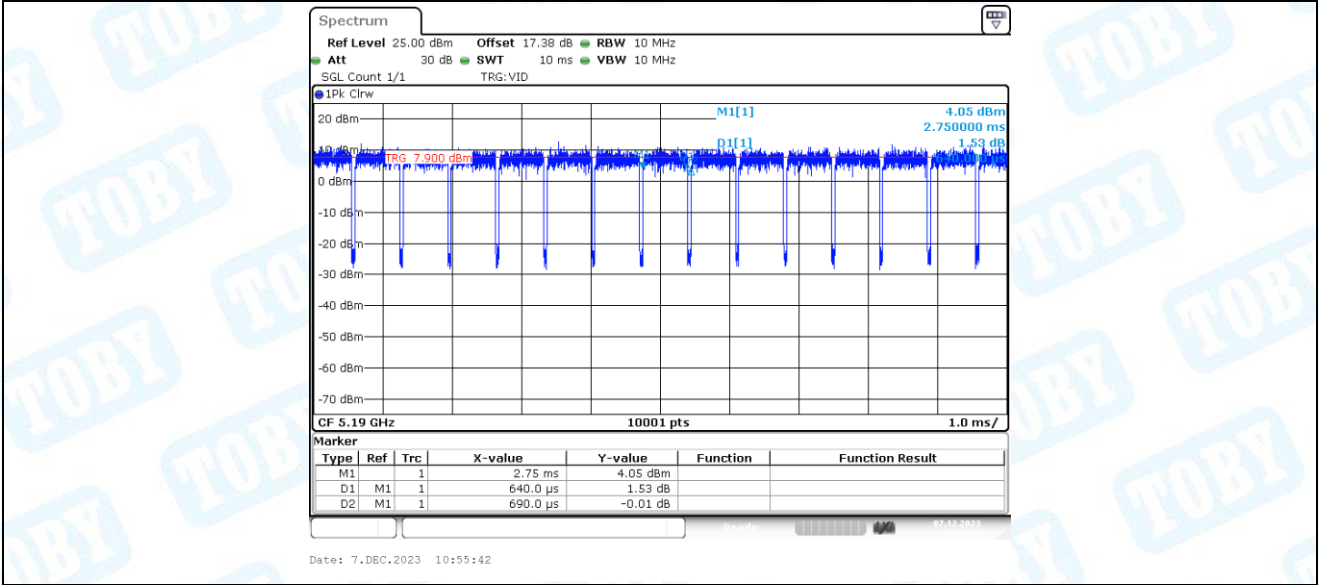
9.2. Test Graphs



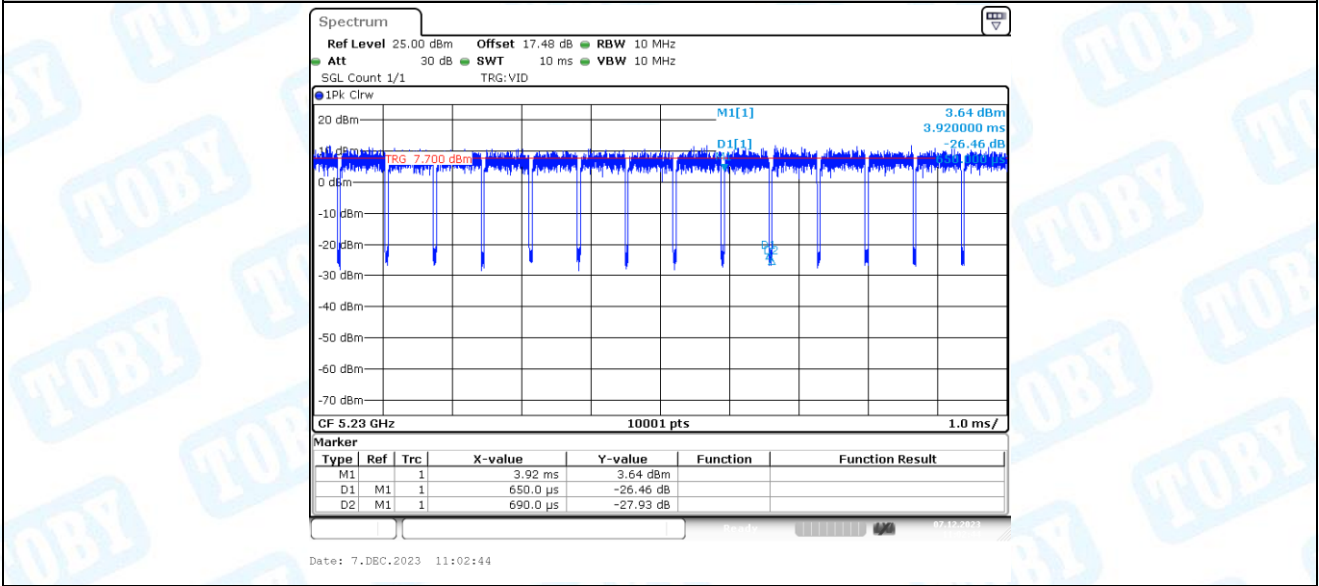




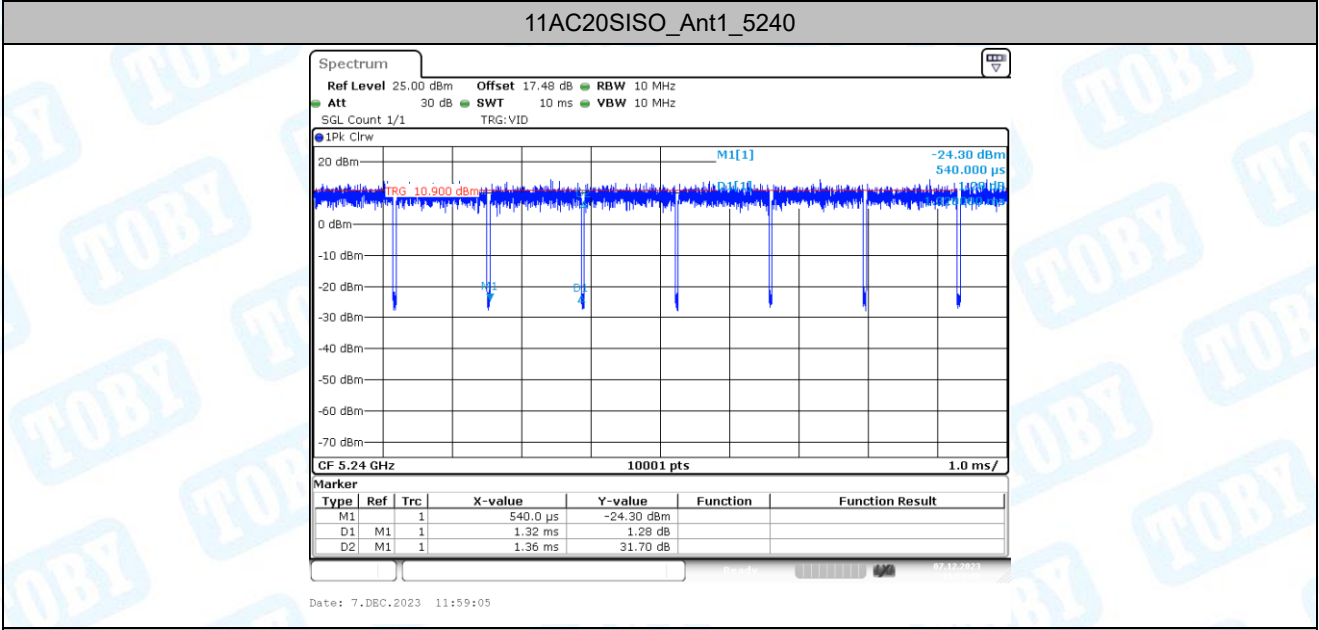
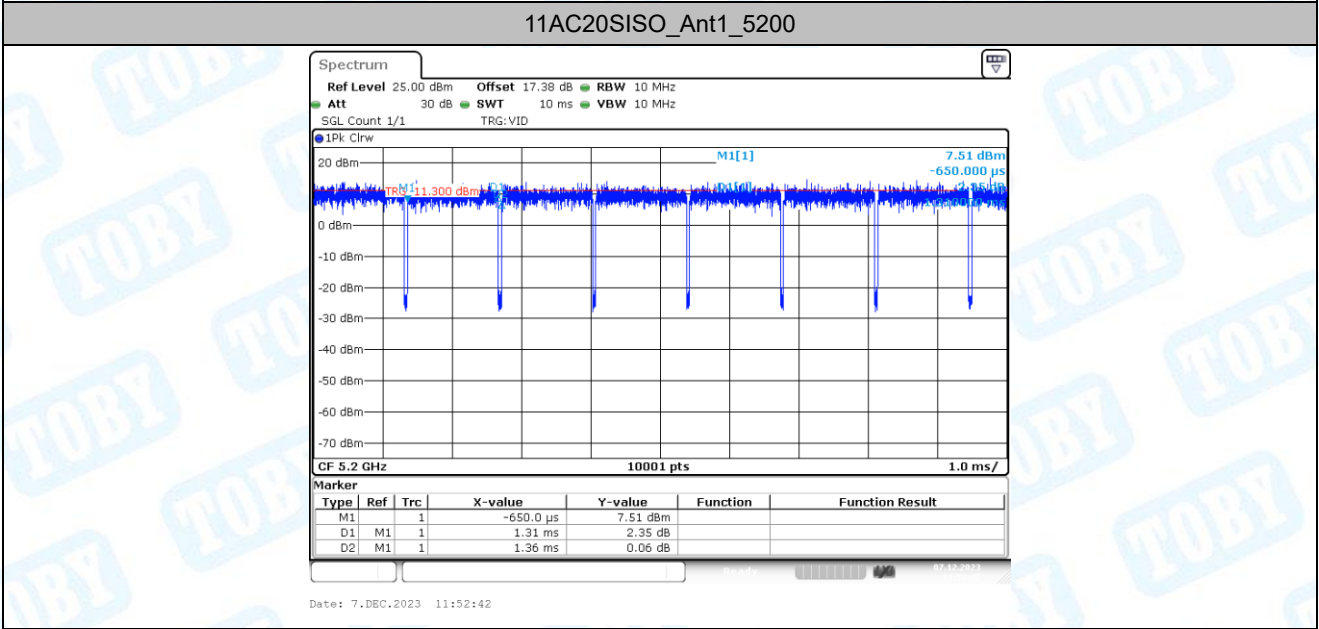
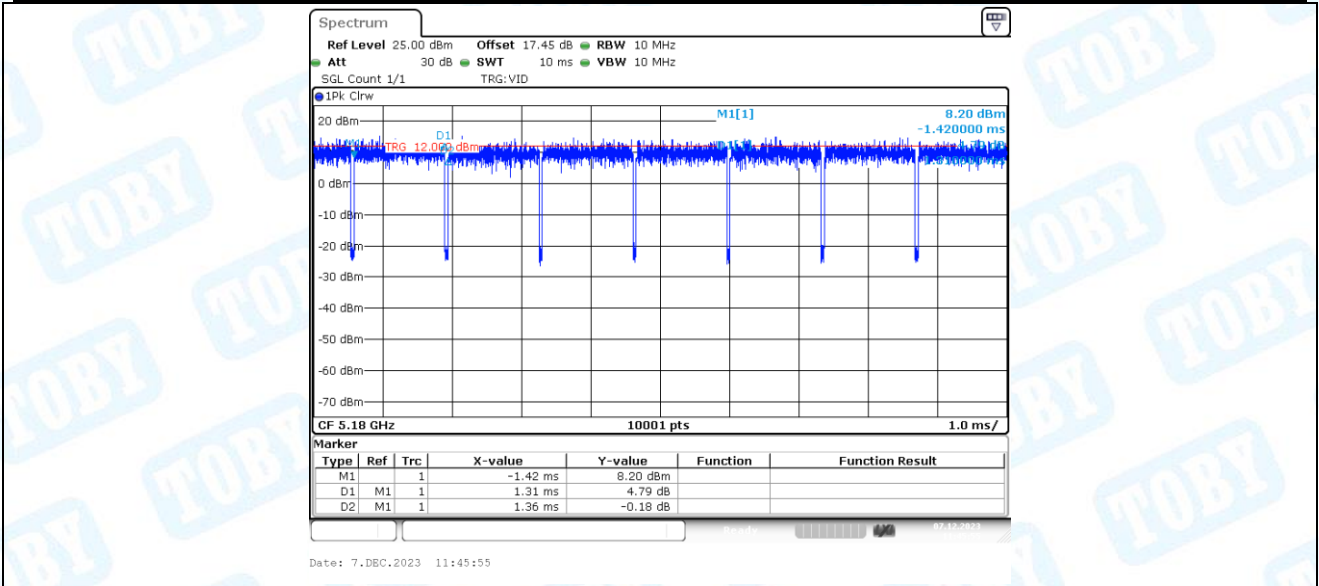
11N40SISO_Ant1_5190

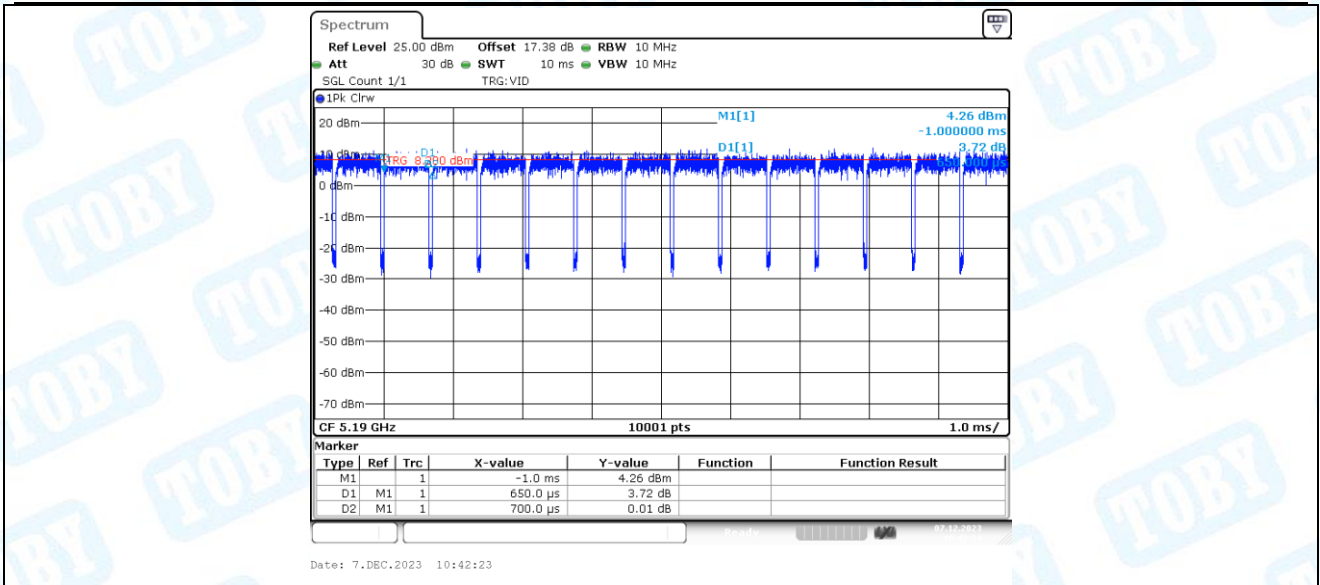


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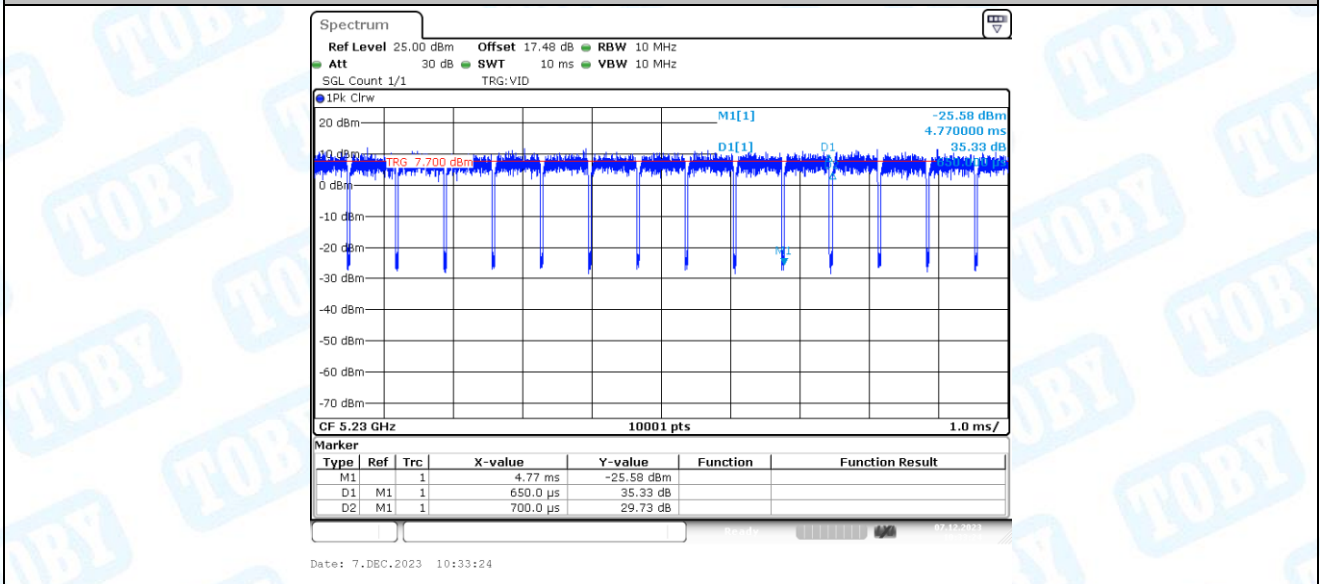


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11AC40SISO_Ant1_5230



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