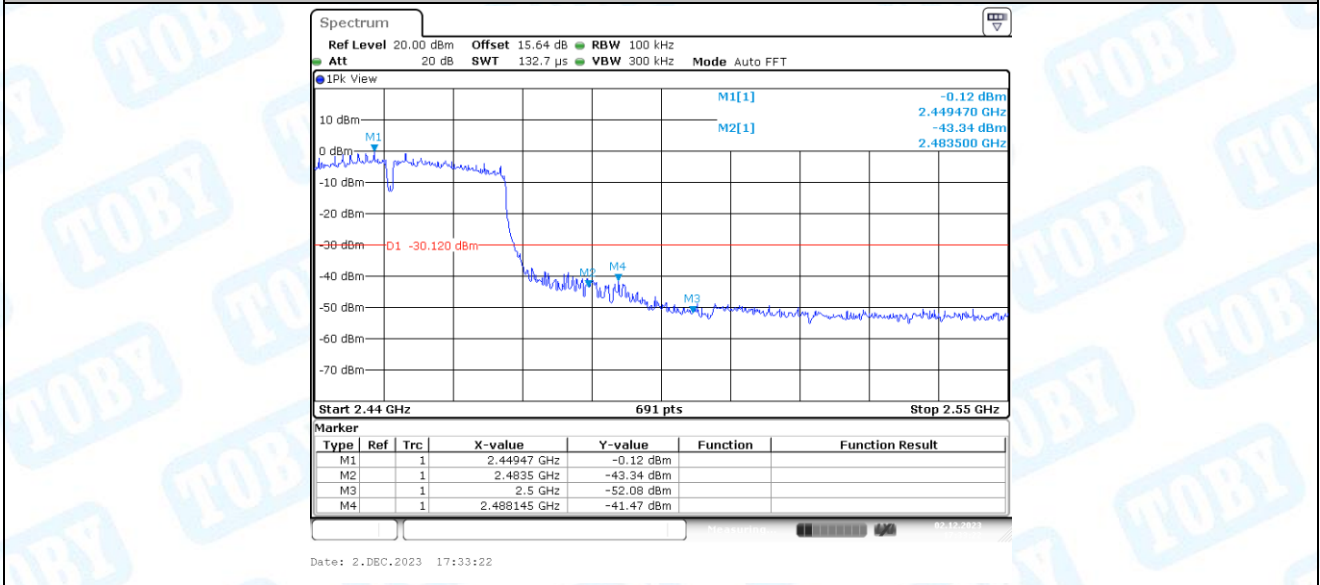


11N40SISO_Ant1_High_2452

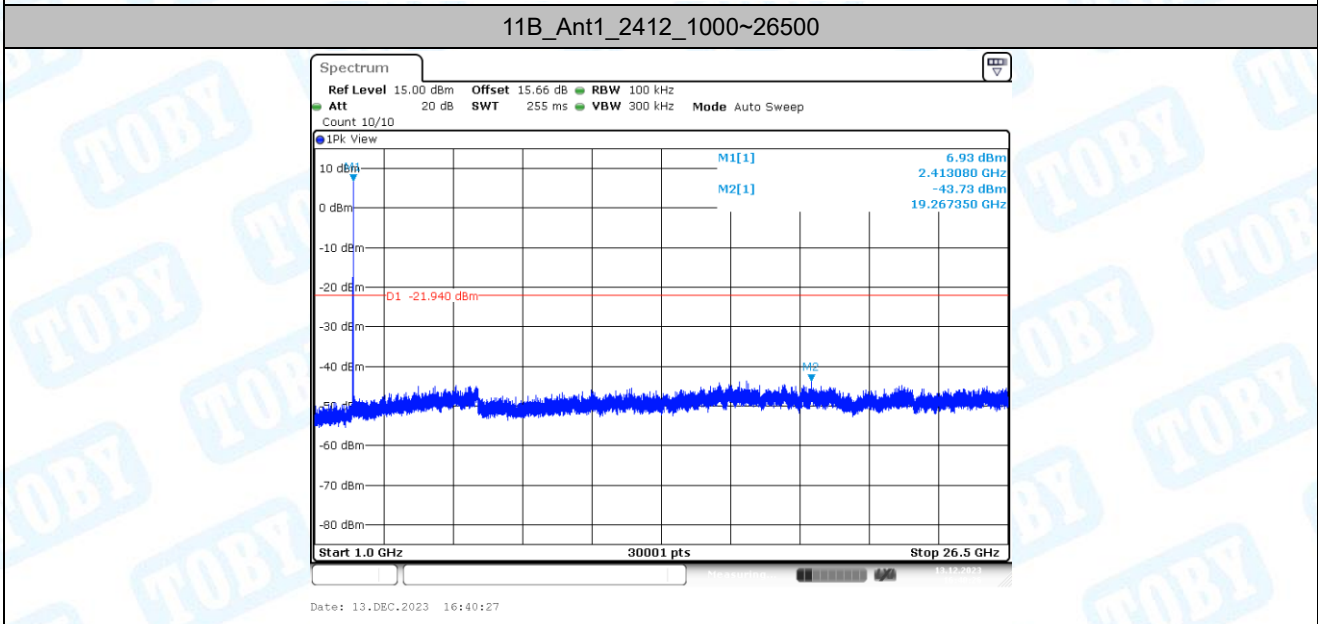
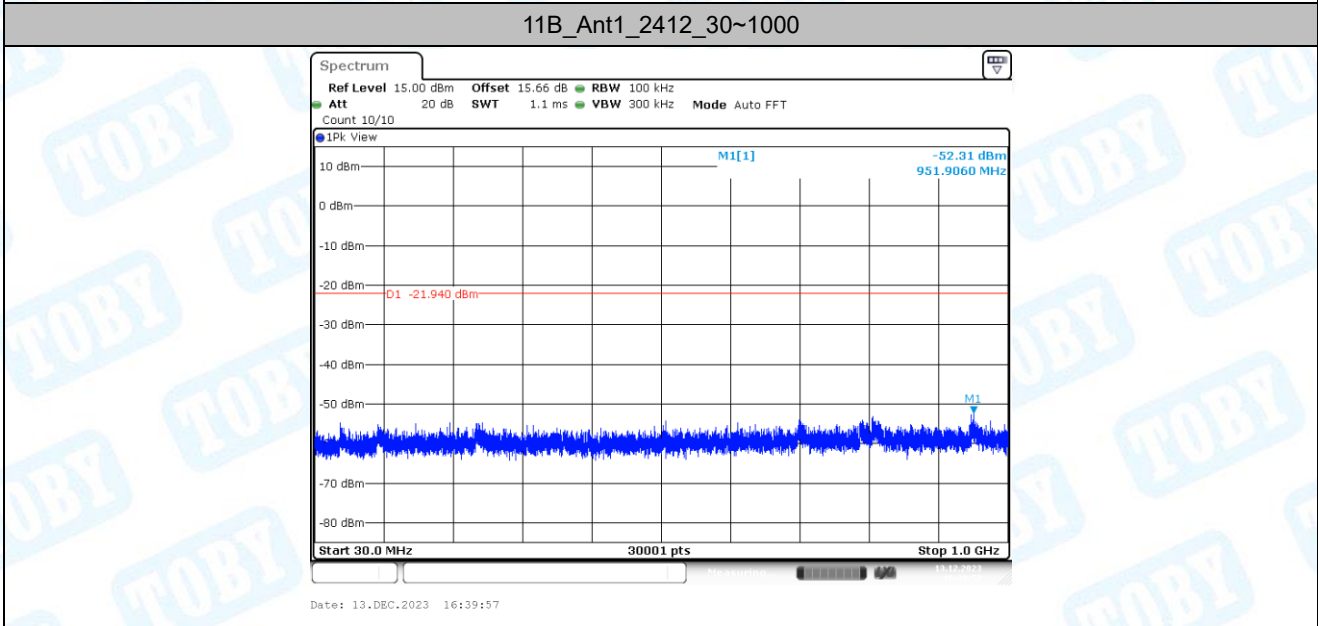
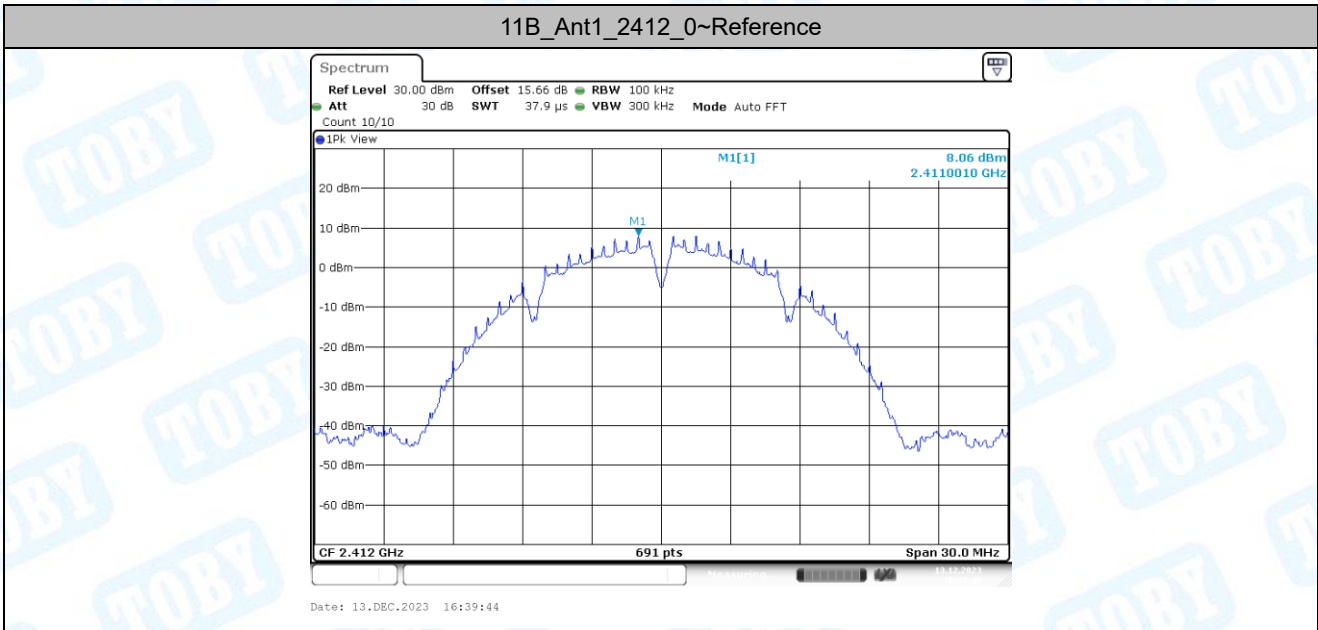


6. Conducted Spurious Emission

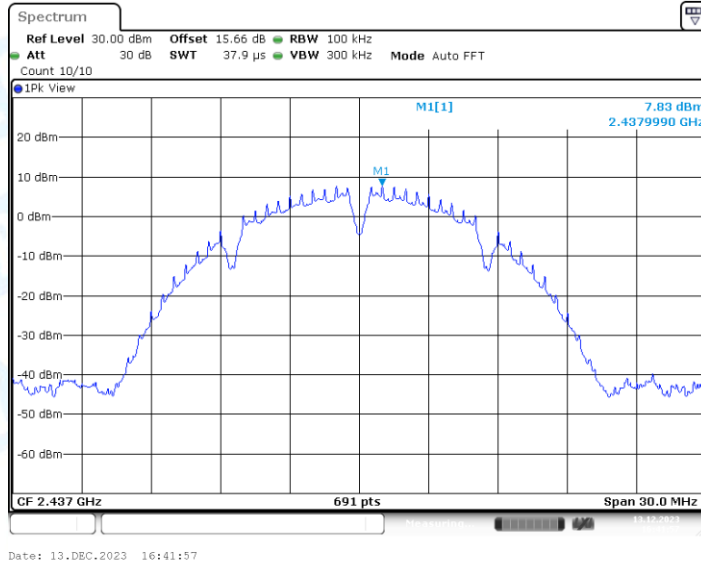
6.1. Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.06	8.06	---	PASS
			30~1000	8.06	-52.31	≤-21.94	PASS
			1000~26500	8.06	-43.73	≤-21.94	PASS
		2437	Reference	7.83	7.83	---	PASS
			30~1000	7.83	-53.37	≤-22.17	PASS
			1000~26500	7.83	-43.06	≤-22.17	PASS
		2462	Reference	8.03	8.03	---	PASS
			30~1000	8.03	-52.38	≤-21.97	PASS
			1000~26500	8.03	-44.07	≤-21.97	PASS
11G	Ant1	2412	Reference	3.83	3.83	---	PASS
			30~1000	3.83	-53.02	≤-26.17	PASS
			1000~26500	3.83	-43.15	≤-26.17	PASS
		2437	Reference	3.09	3.09	---	PASS
			30~1000	3.09	-52.89	≤-26.91	PASS
			1000~26500	3.09	-43.99	≤-26.91	PASS
		2462	Reference	3.53	3.53	---	PASS
			30~1000	3.53	-51.99	≤-26.47	PASS
			1000~26500	3.53	-43.94	≤-26.47	PASS
11N20SISO	Ant1	2412	Reference	4.05	4.05	---	PASS
			30~1000	4.05	-52.82	≤-25.95	PASS
			1000~26500	4.05	-43.76	≤-25.95	PASS
		2437	Reference	3.89	3.89	---	PASS
			30~1000	3.89	-53.57	≤-26.11	PASS
			1000~26500	3.89	-43.82	≤-26.11	PASS
		2462	Reference	3.89	3.89	---	PASS
			30~1000	3.89	-53.32	≤-26.11	PASS
			1000~26500	3.89	-44.2	≤-26.11	PASS
11N40SISO	Ant1	2422	Reference	-0.29	-0.29	---	PASS
			30~1000	-0.29	-53.51	≤-30.29	PASS
			1000~26500	-0.29	-44.06	≤-30.29	PASS
		2437	Reference	-0.37	-0.37	---	PASS
			30~1000	-0.37	-52.16	≤-30.37	PASS
			1000~26500	-0.37	-43.84	≤-30.37	PASS
		2452	Reference	-0.08	-0.08	---	PASS
			30~1000	-0.08	-53.41	≤-30.08	PASS
			1000~26500	-0.08	-43.75	≤-30.08	PASS

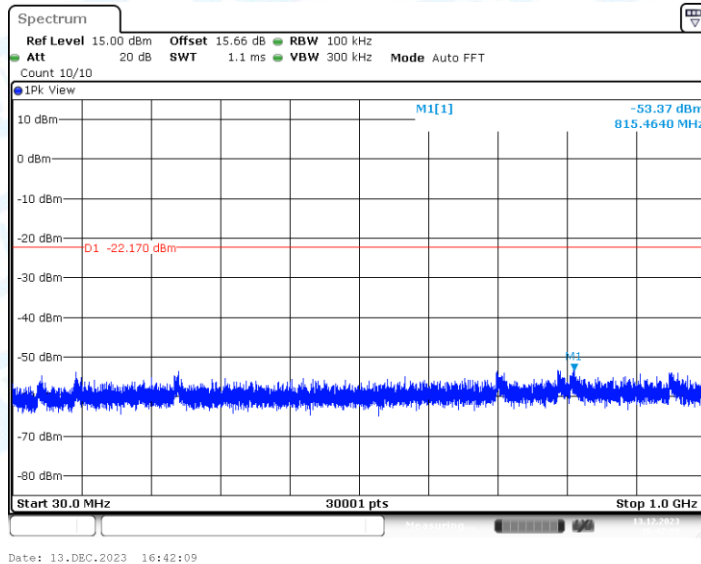
6.2. Test Graphs



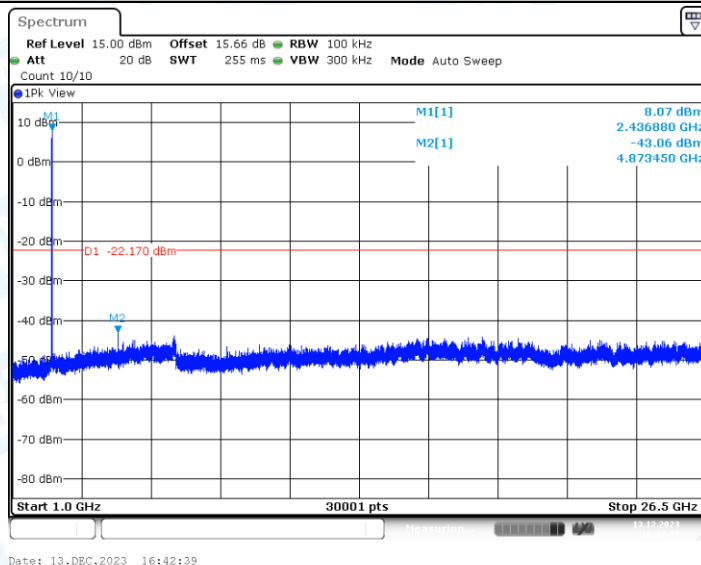
11B_Ant1_2437_0~Reference



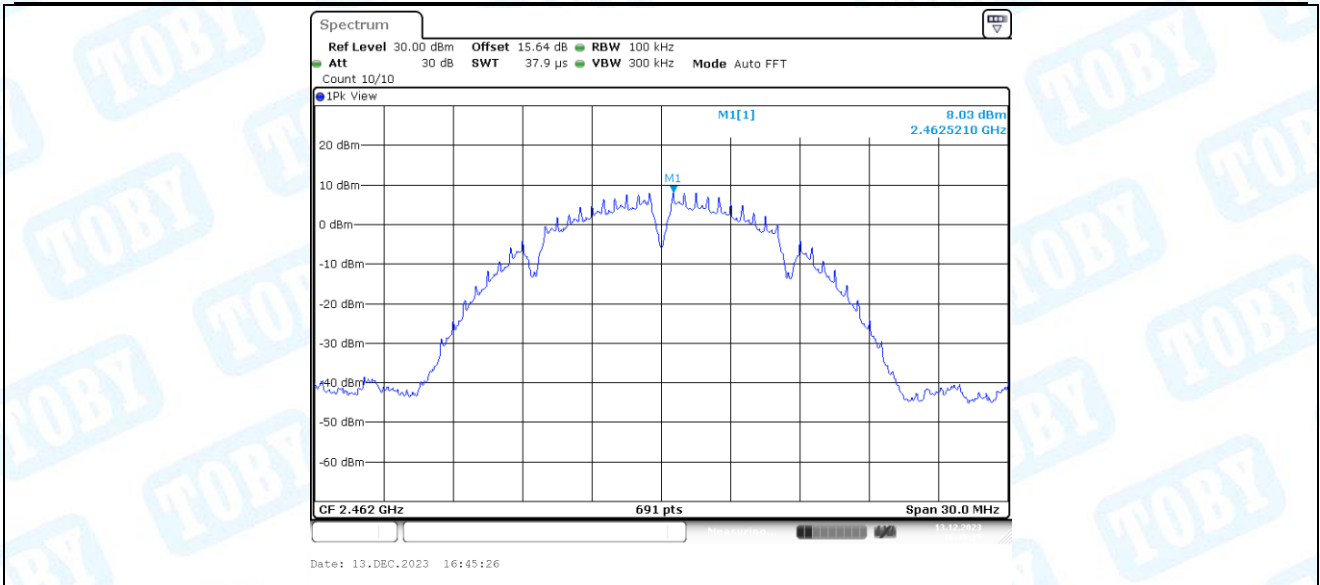
11B_Ant1_2437_30~1000



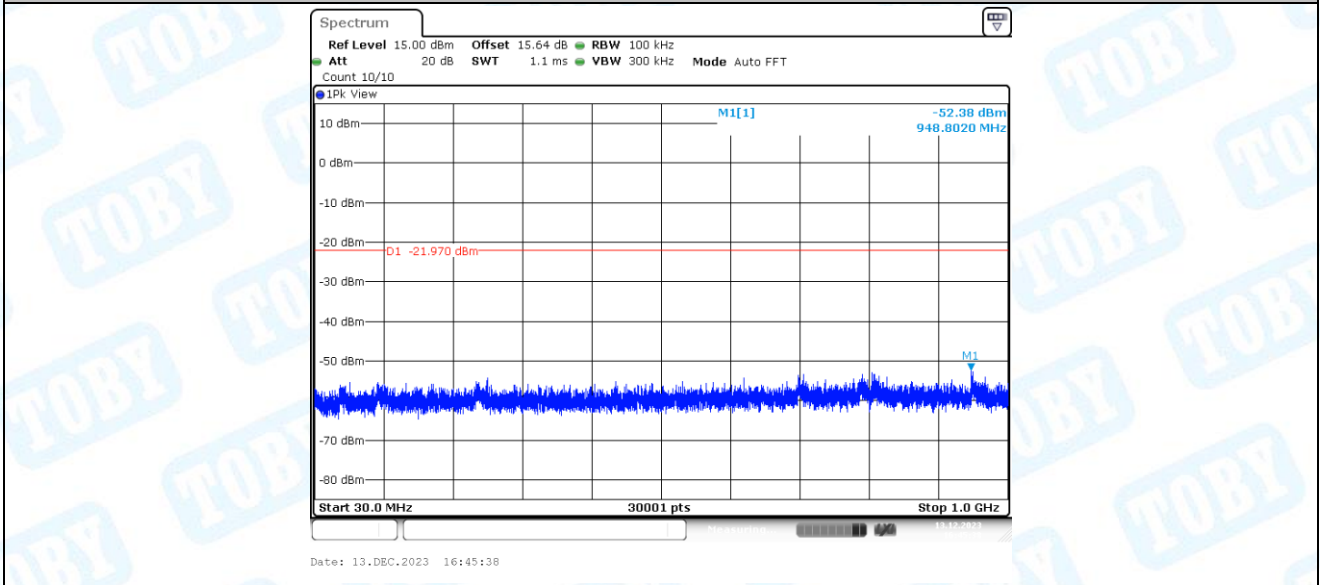
11B_Ant1_2437_1000~26500



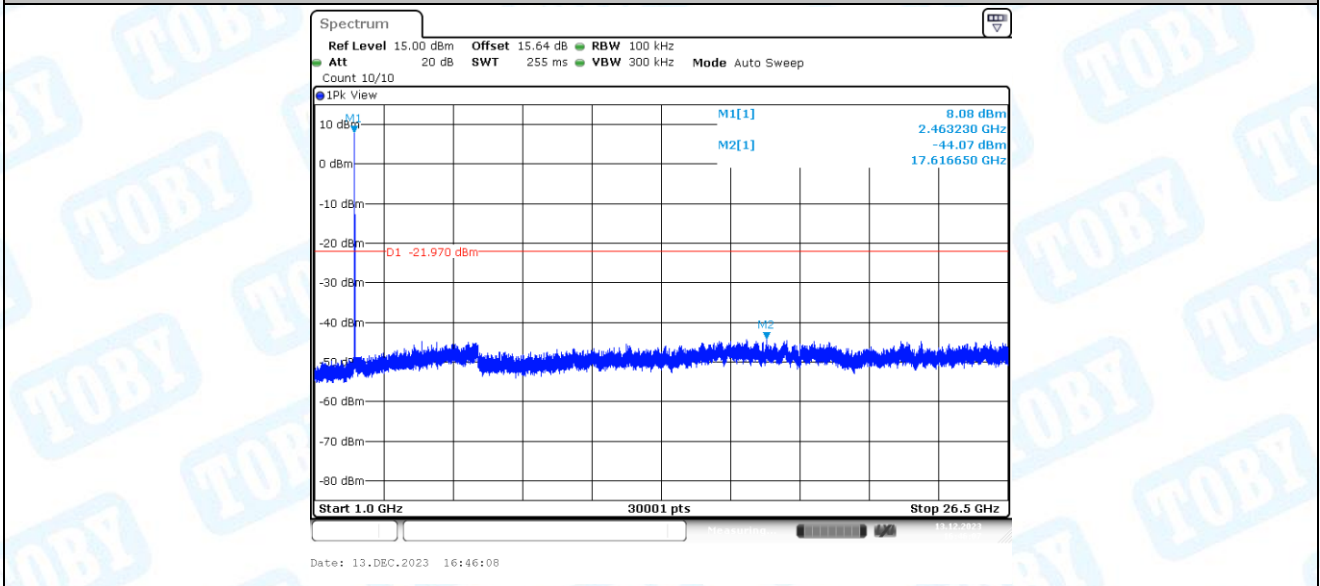
11B_Ant1_2462_0~Reference



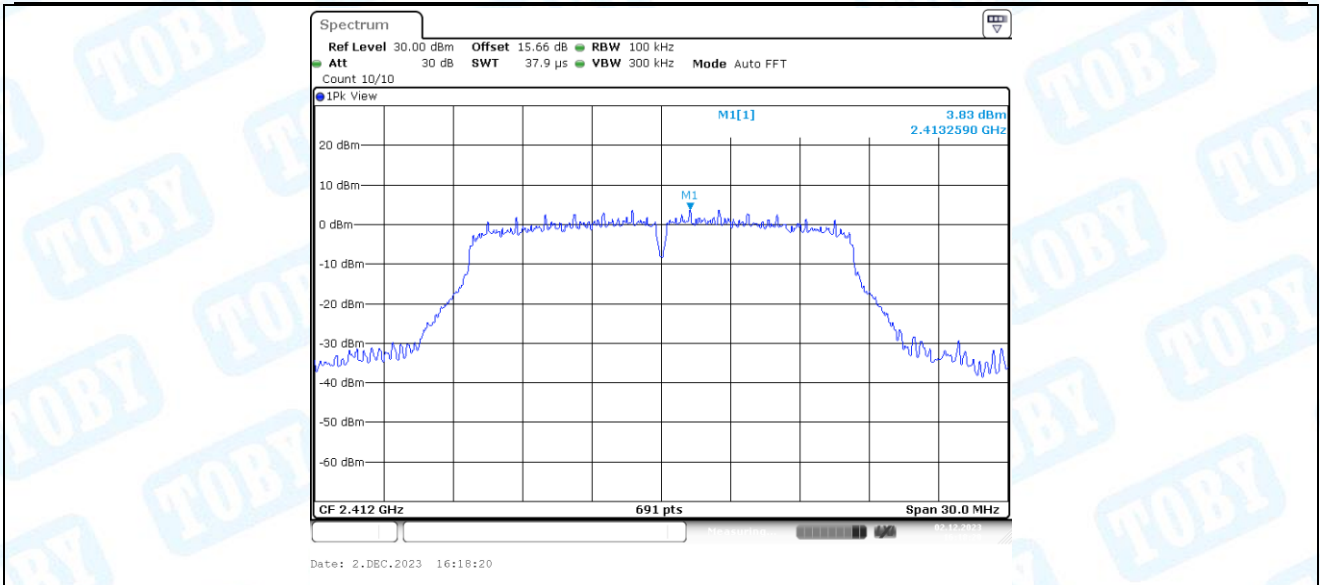
11B_Ant1_2462_30~1000



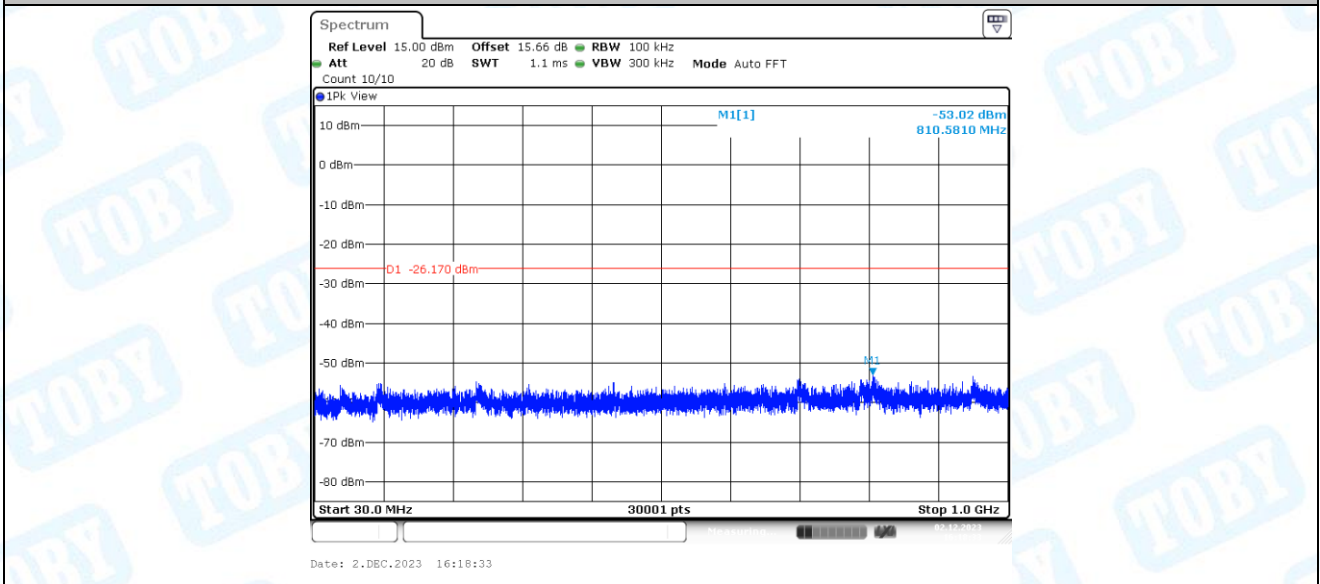
11B_Ant1_2462_1000~26500



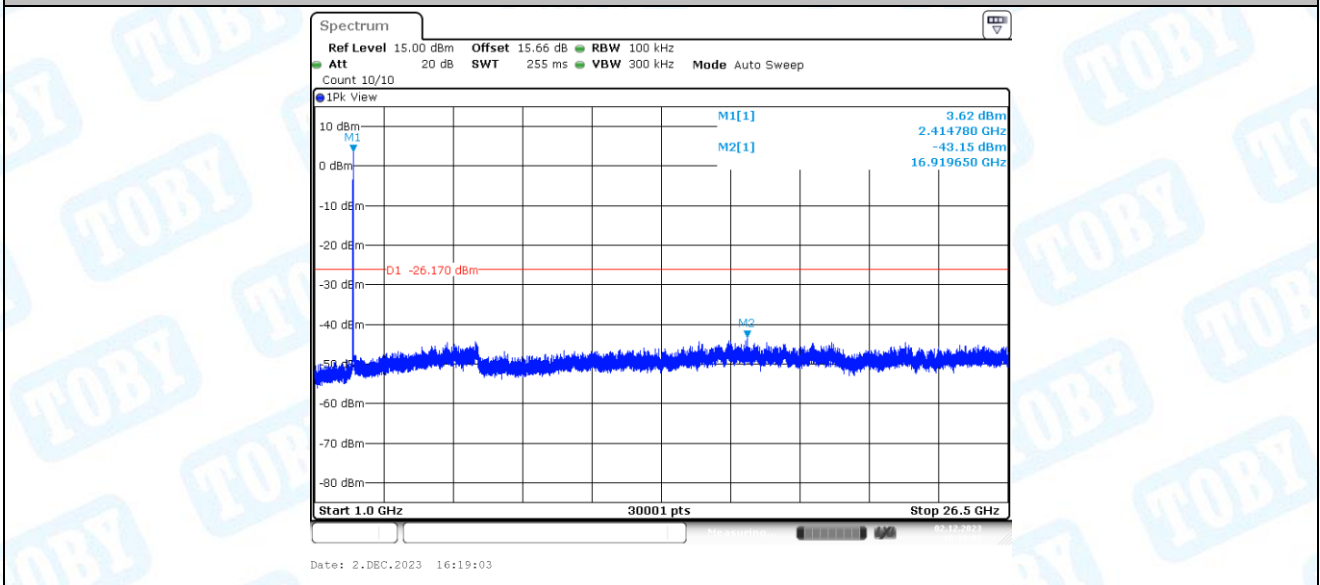
11G_Ant1_2412_0~Reference



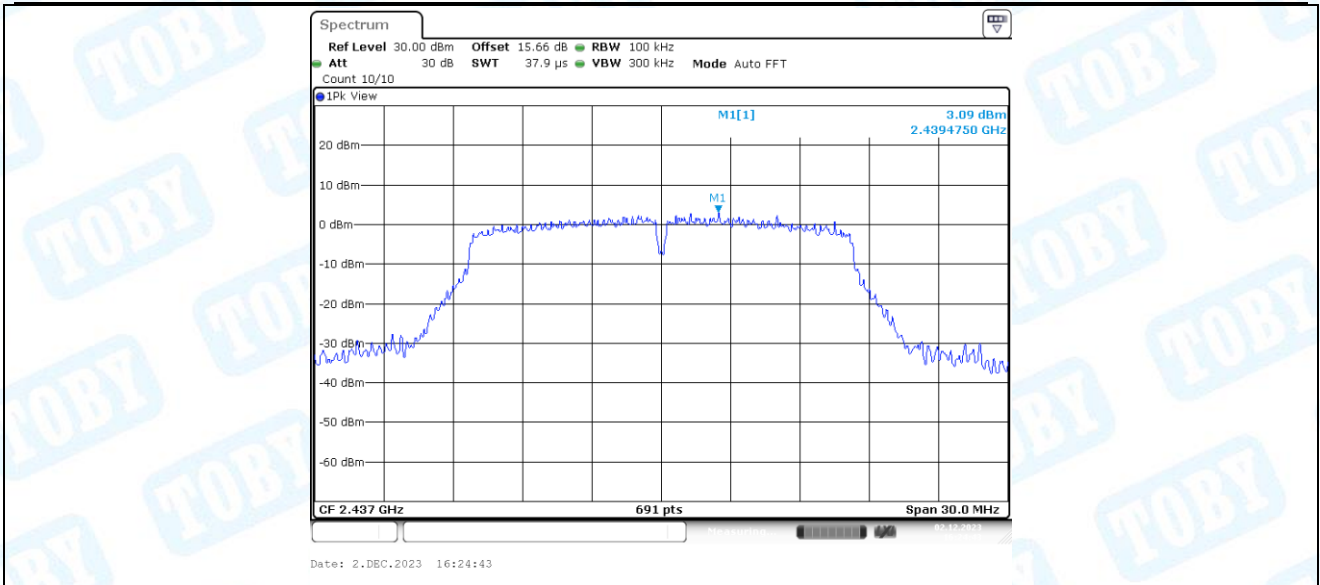
11G_Ant1_2412_30~1000



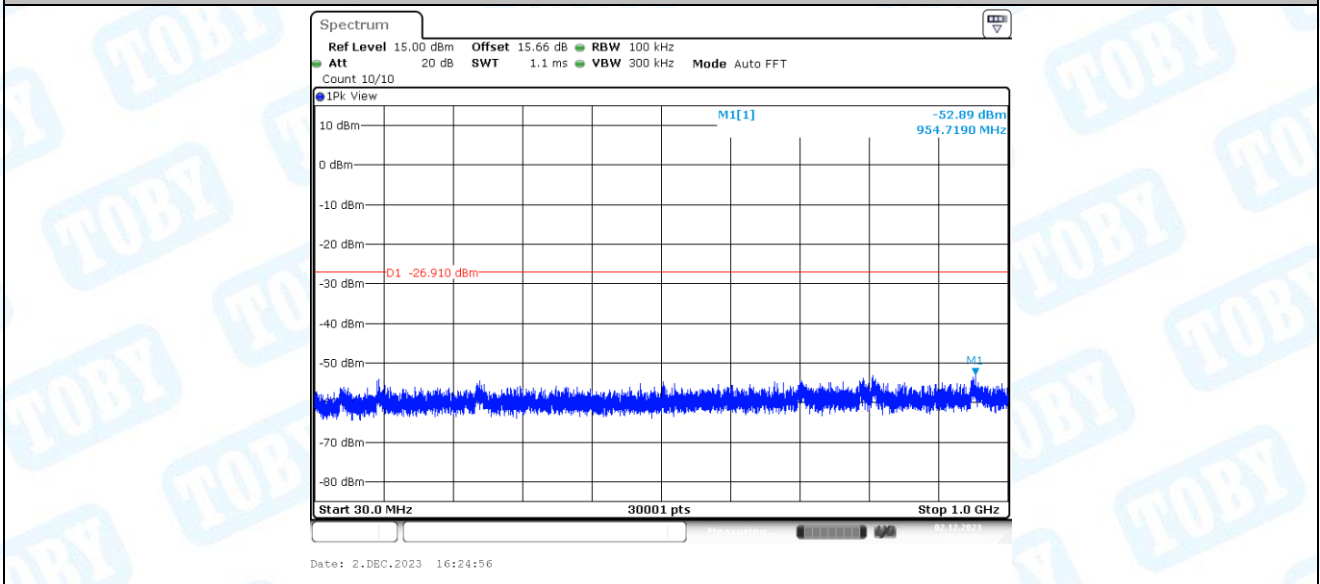
11G_Ant1_2412_1000~26500



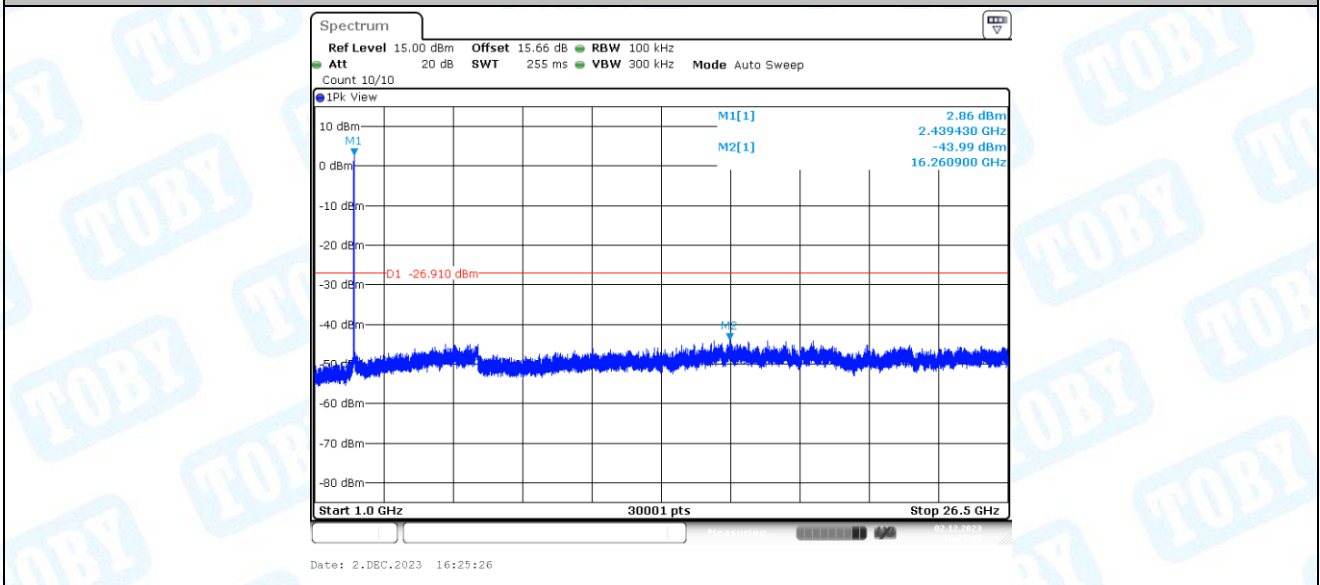
11G_Ant1_2437_0~Reference



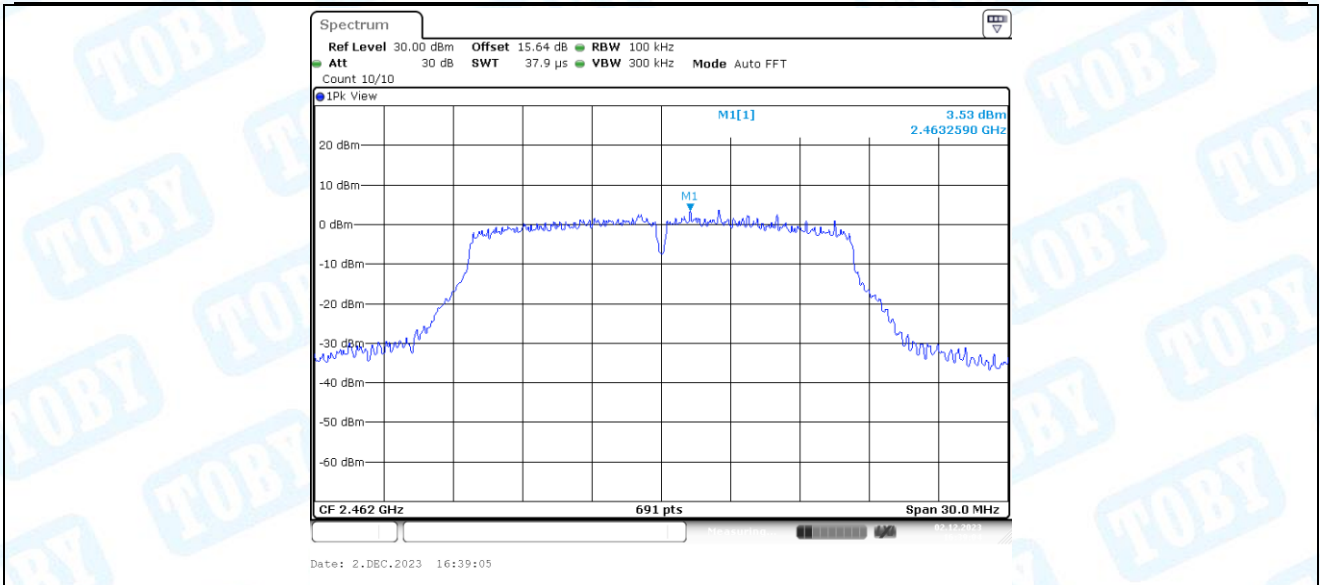
11G_Ant1_2437_30~1000



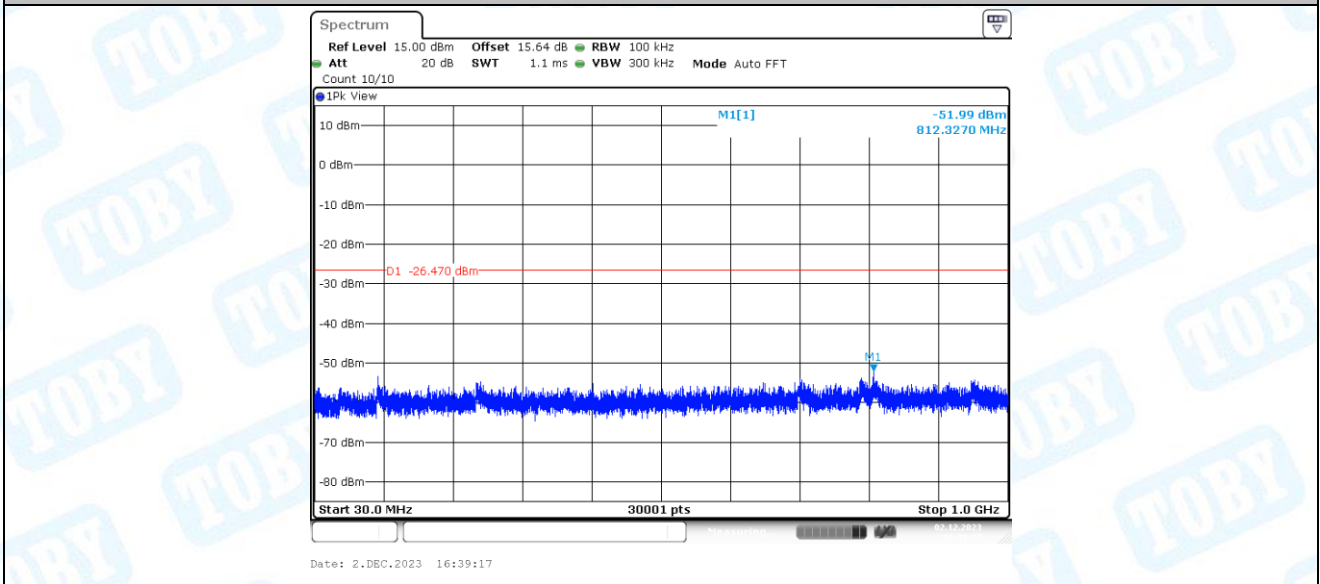
11G_Ant1_2437_1000~26500



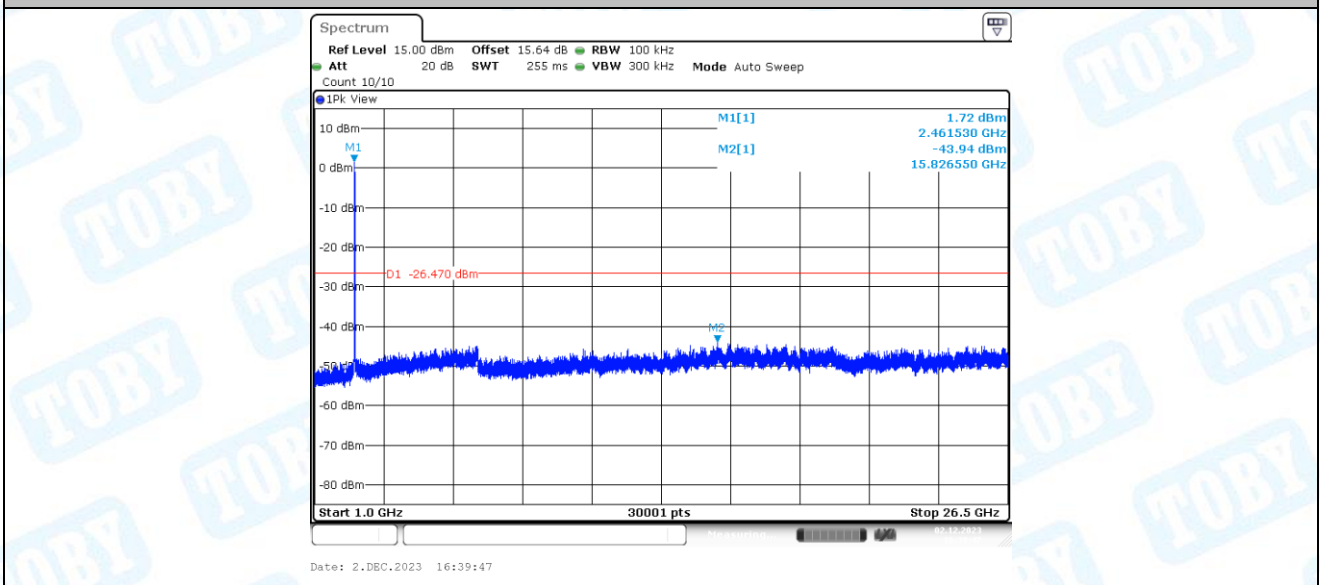
11G_Ant1_2462_0~Reference



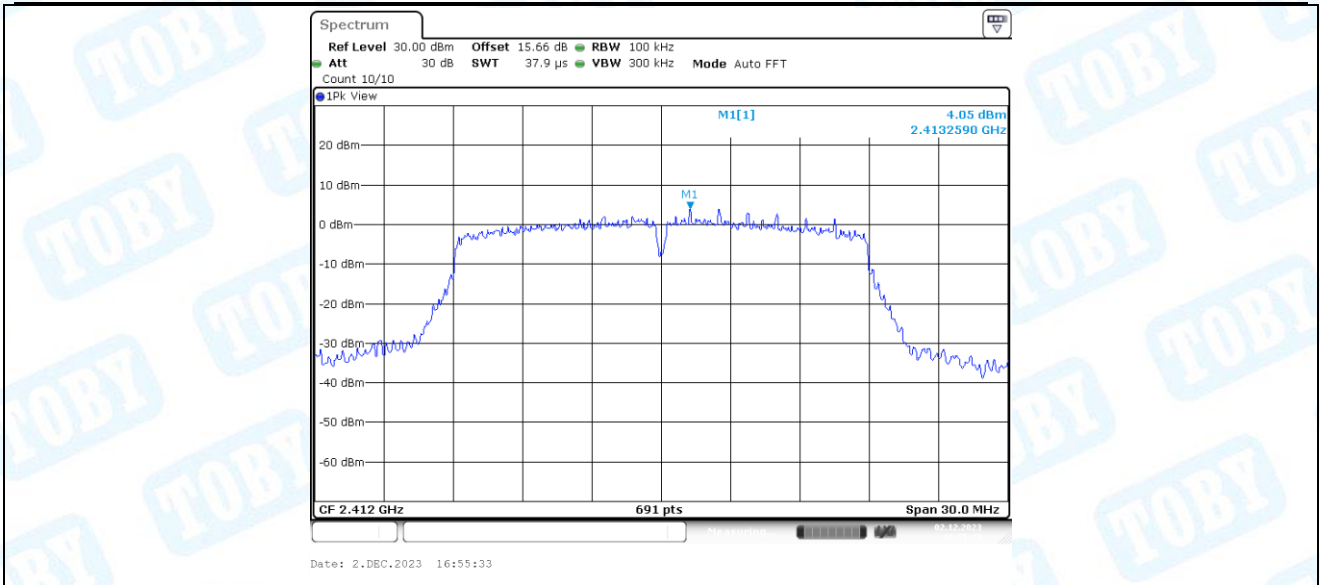
11G_Ant1_2462_30~1000



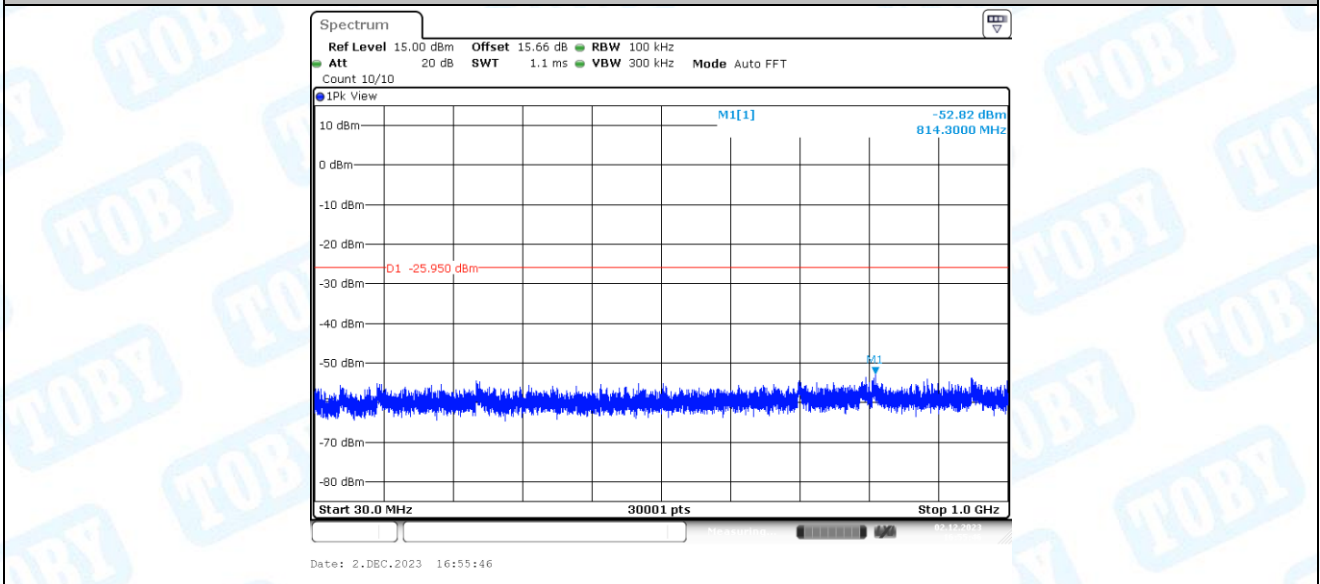
11G_Ant1_2462_1000~26500



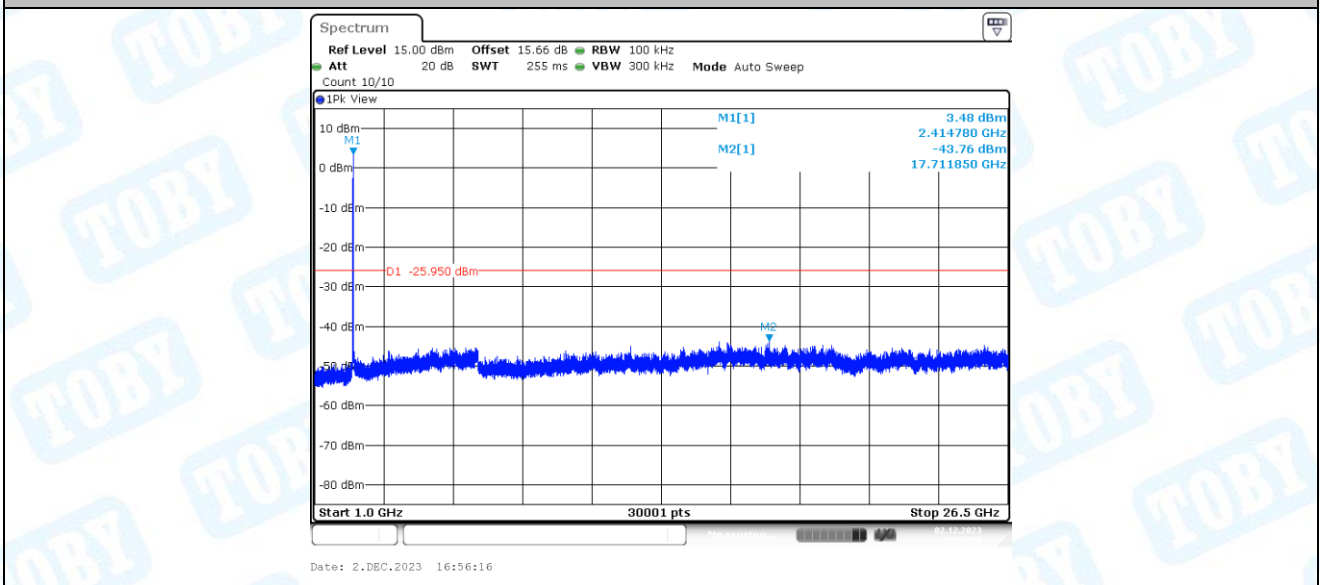
11N20SISO_Ant1_2412_0~Reference



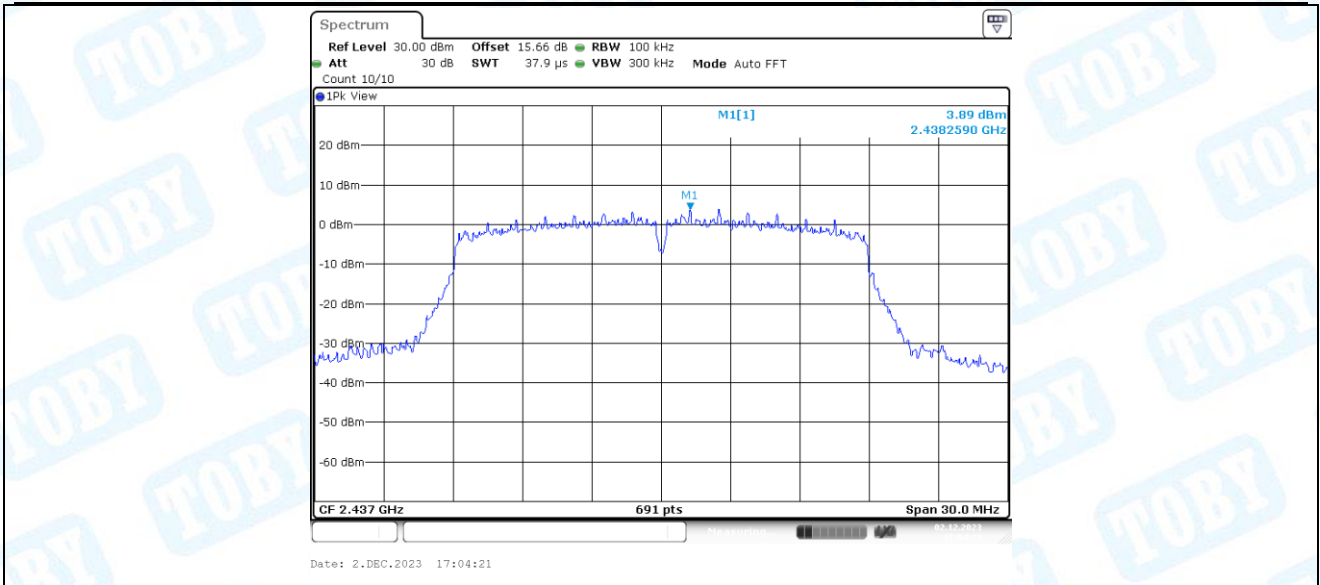
11N20SISO_Ant1_2412_30~1000



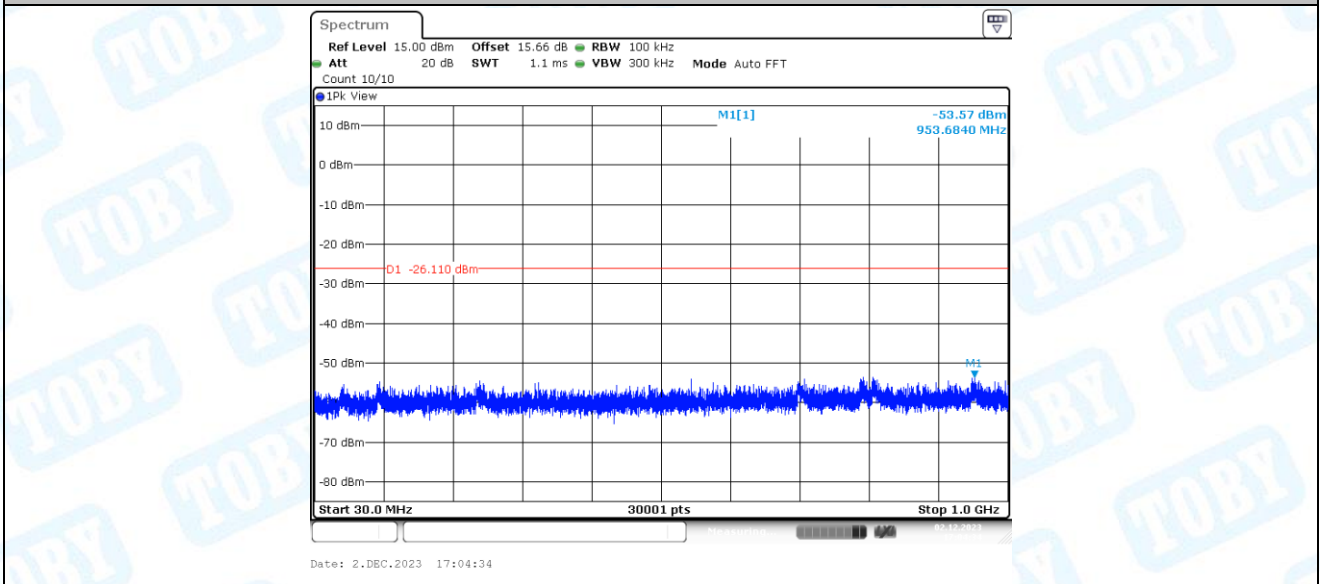
11N20SISO_Ant1_2412_1000~26500



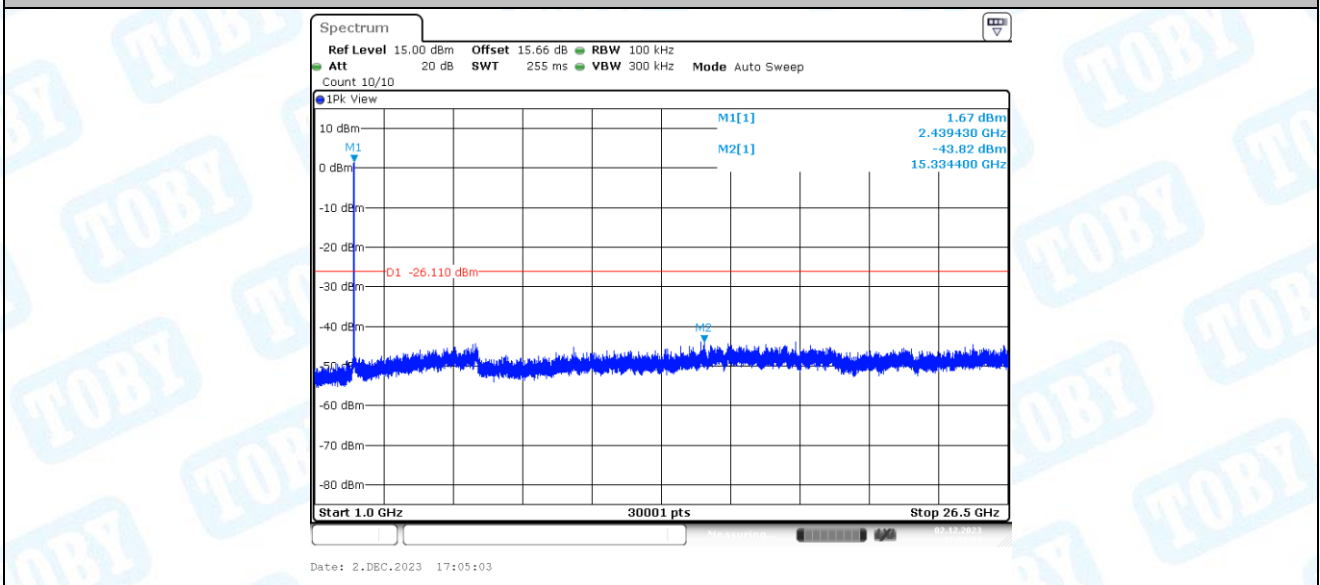
11N20SISO_Ant1_2437_0~Reference



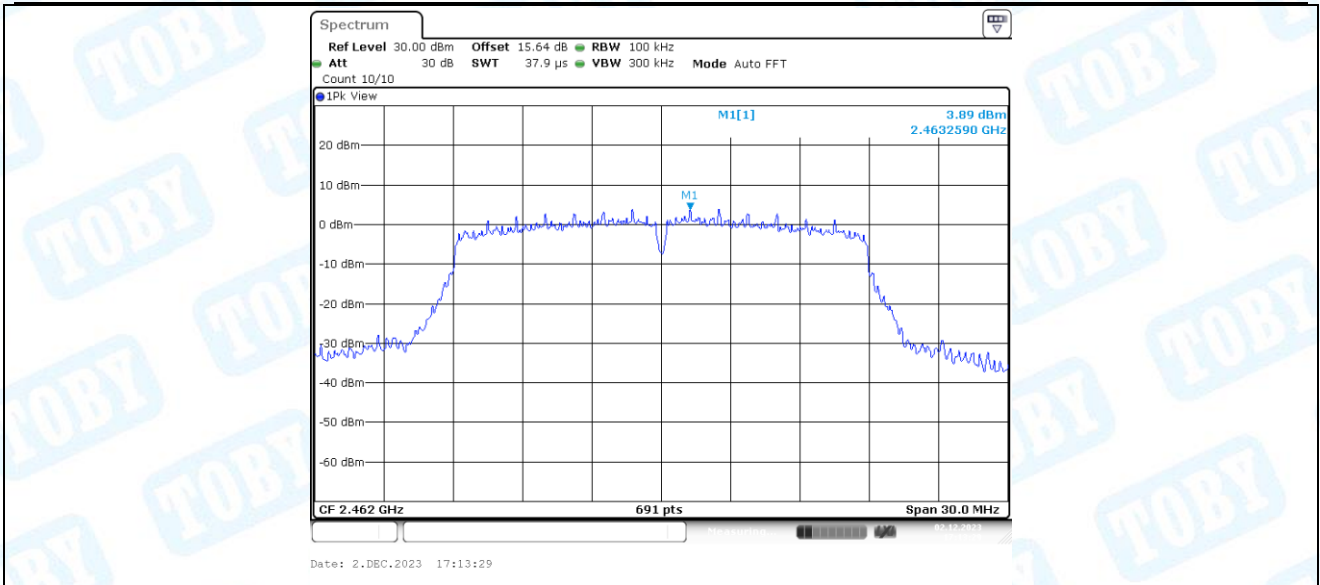
11N20SISO_Ant1_2437_30~1000



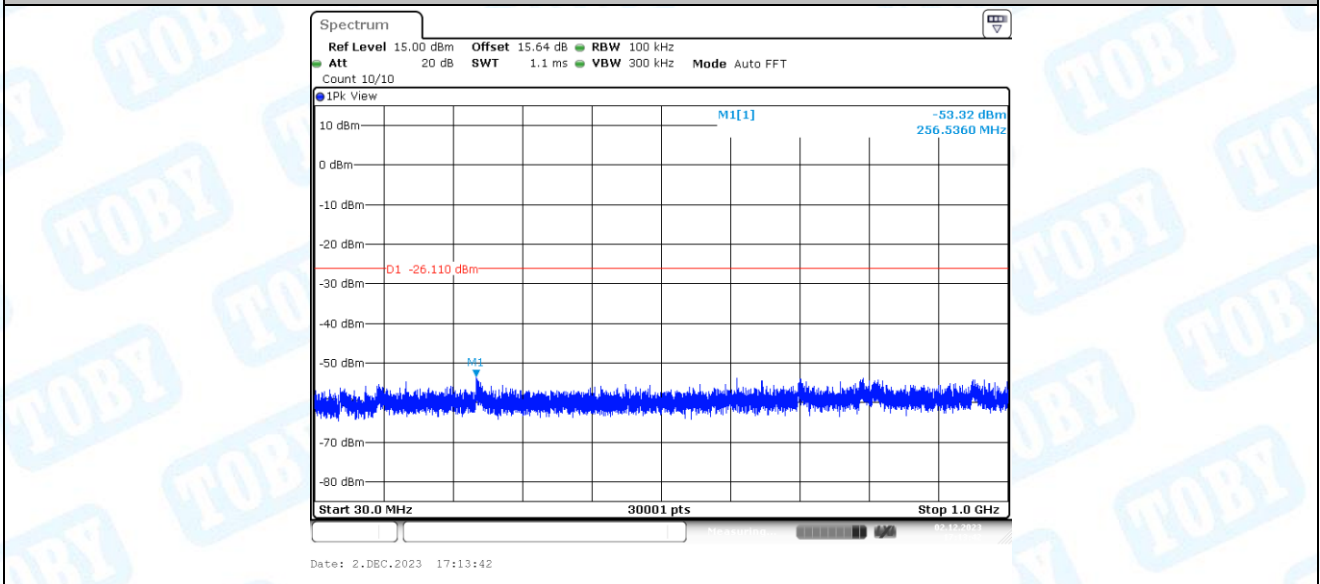
11N20SISO_Ant1_2437_1000~26500



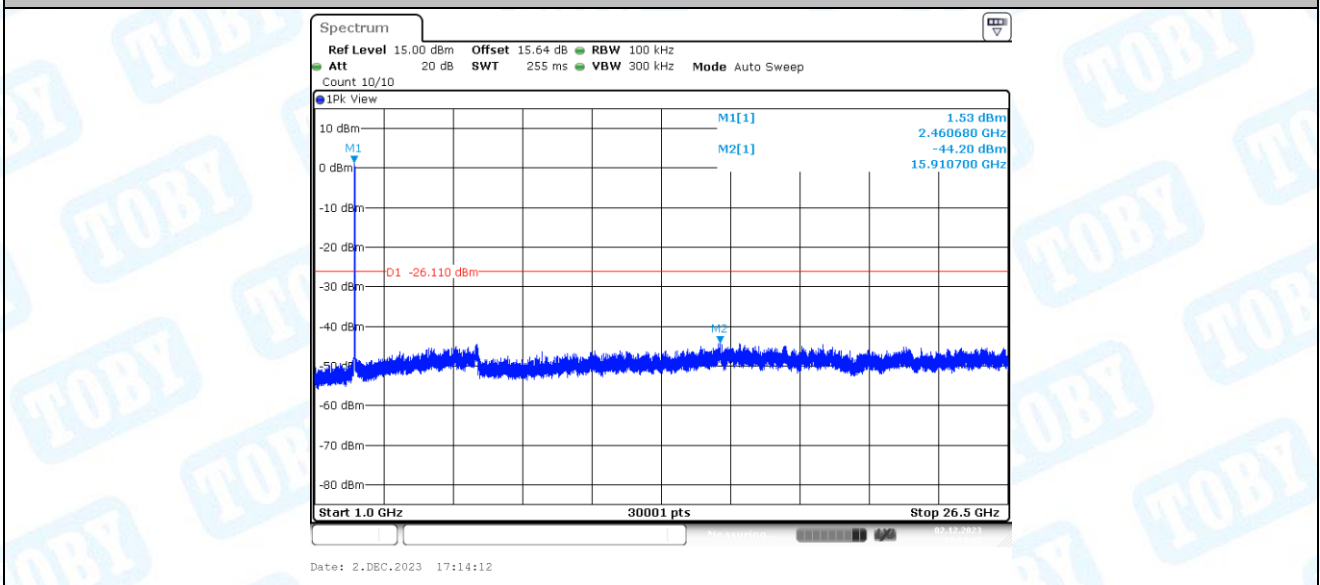
11N20SISO_Ant1_2462_0~Reference



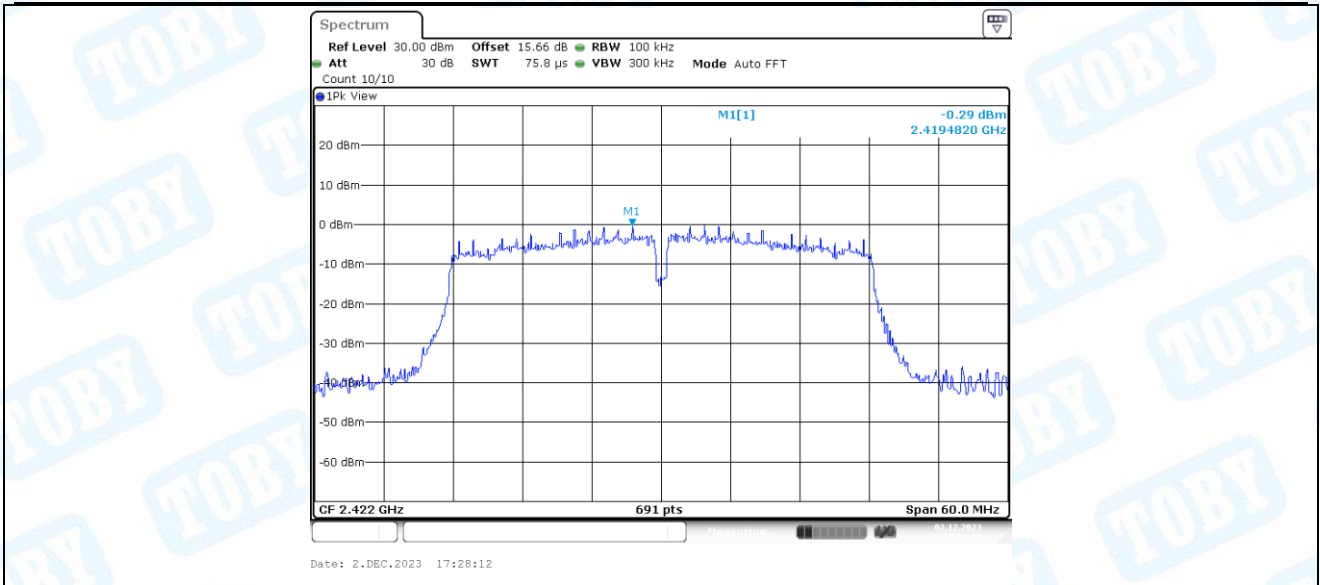
11N20SISO_Ant1_2462_30~1000



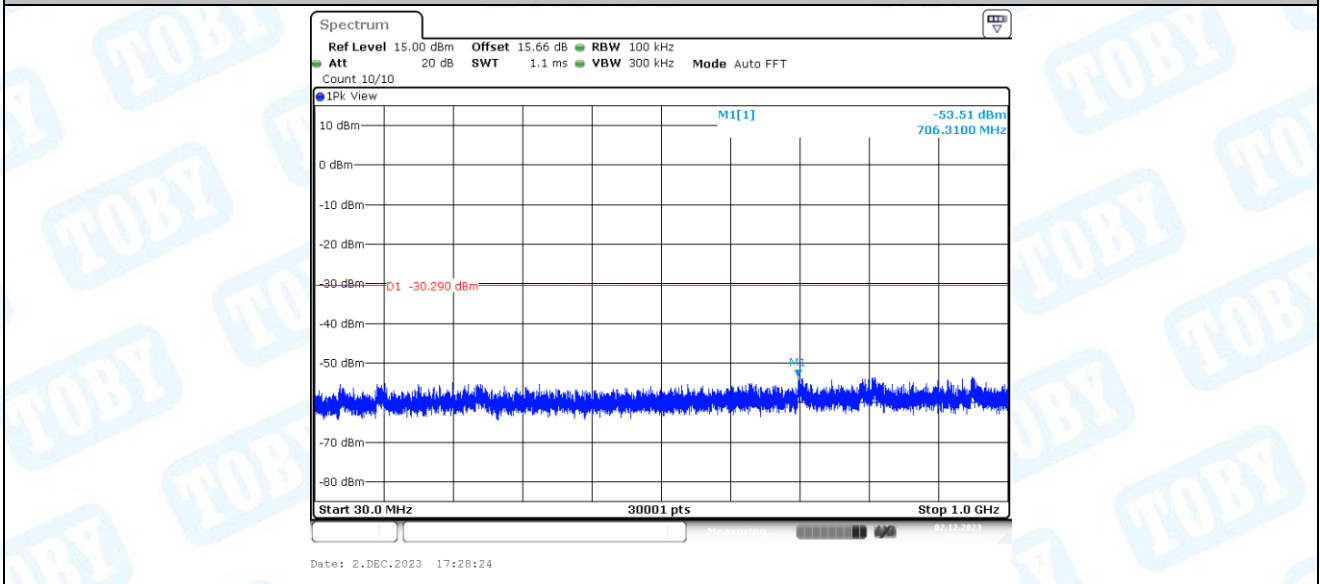
11N20SISO_Ant1_2462_1000~26500



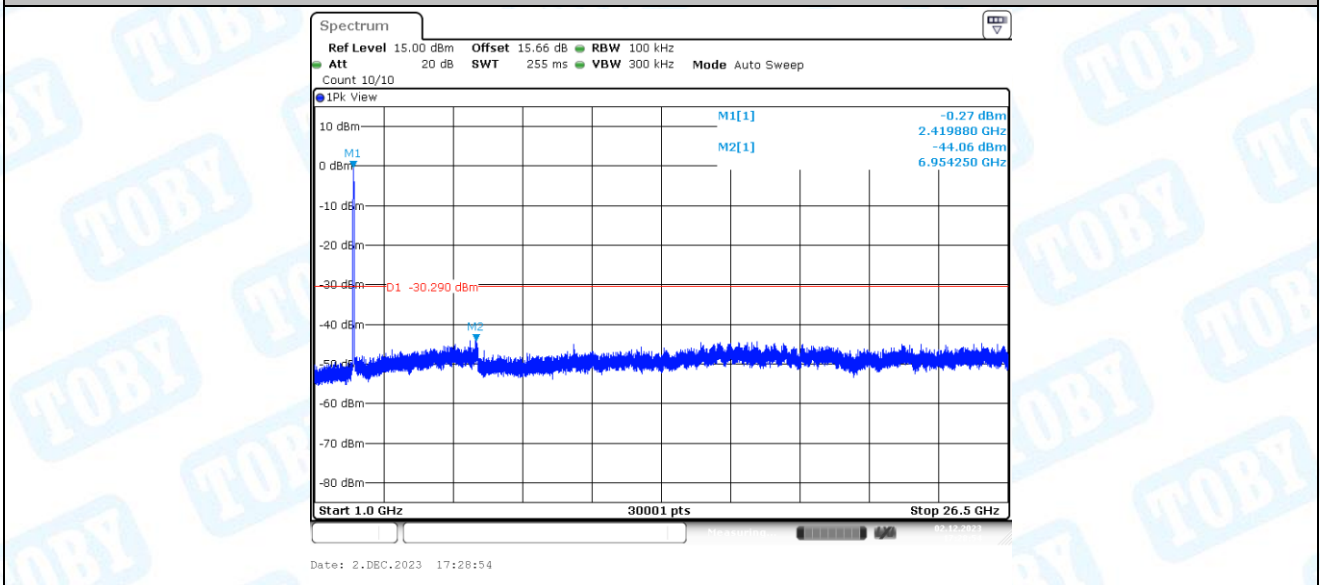
11N40SISO_Ant1_2422_0~Reference



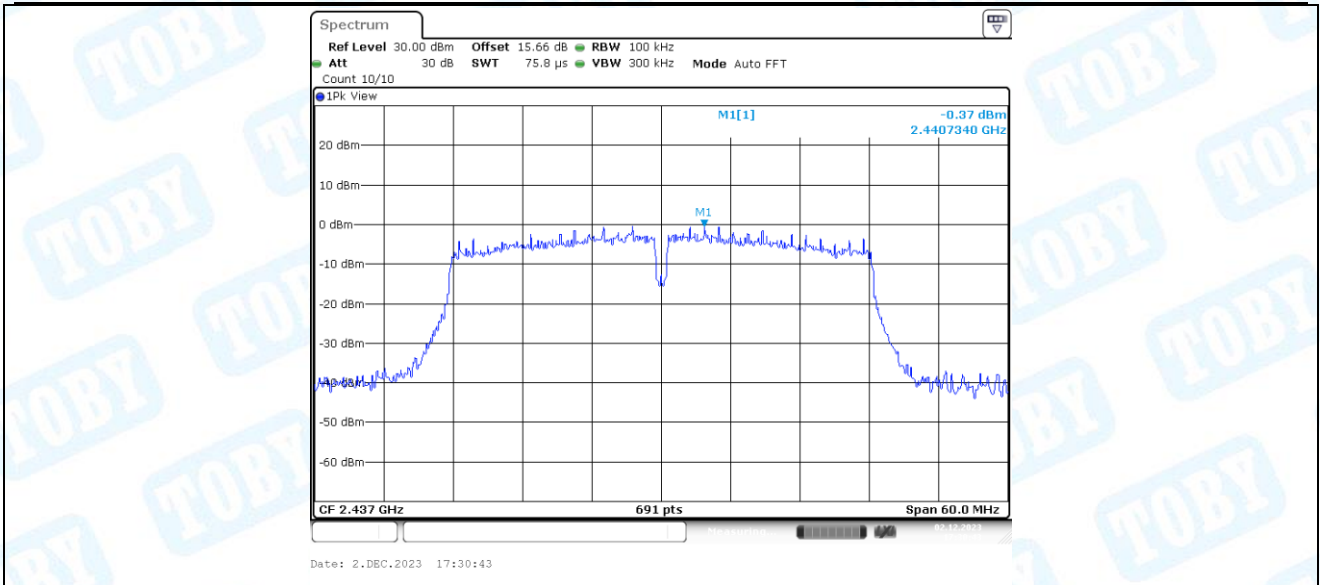
11N40SISO_Ant1_2422_30~1000



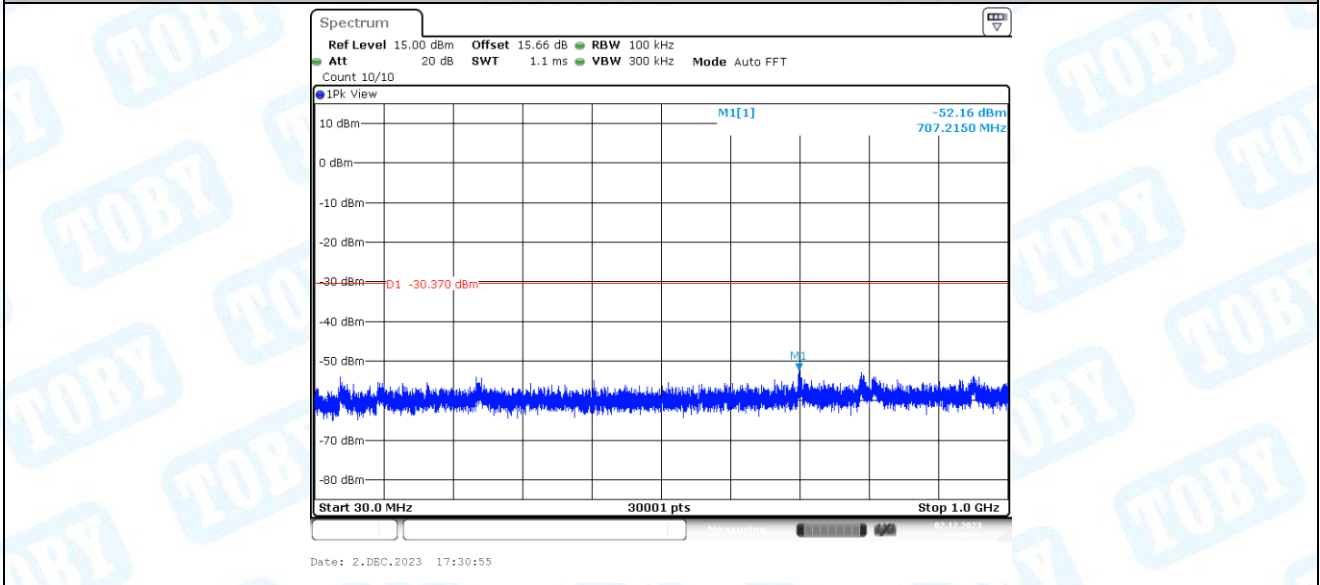
11N40SISO_Ant1_2422_1000~26500



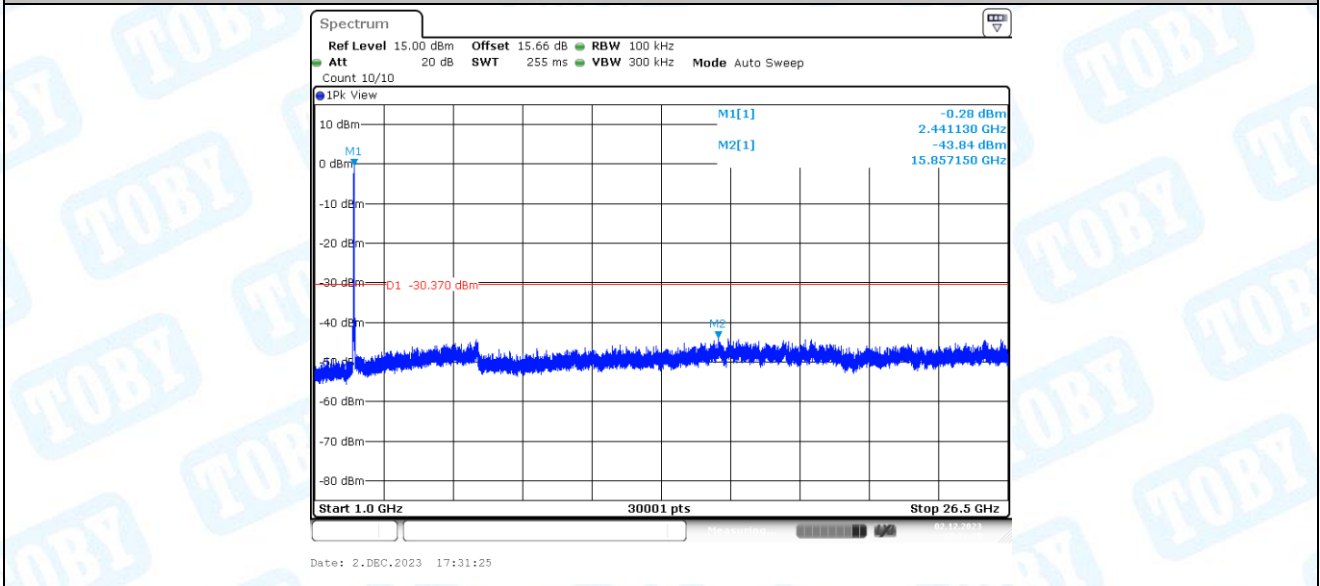
11N40SISO_Ant1_2437_0~Reference



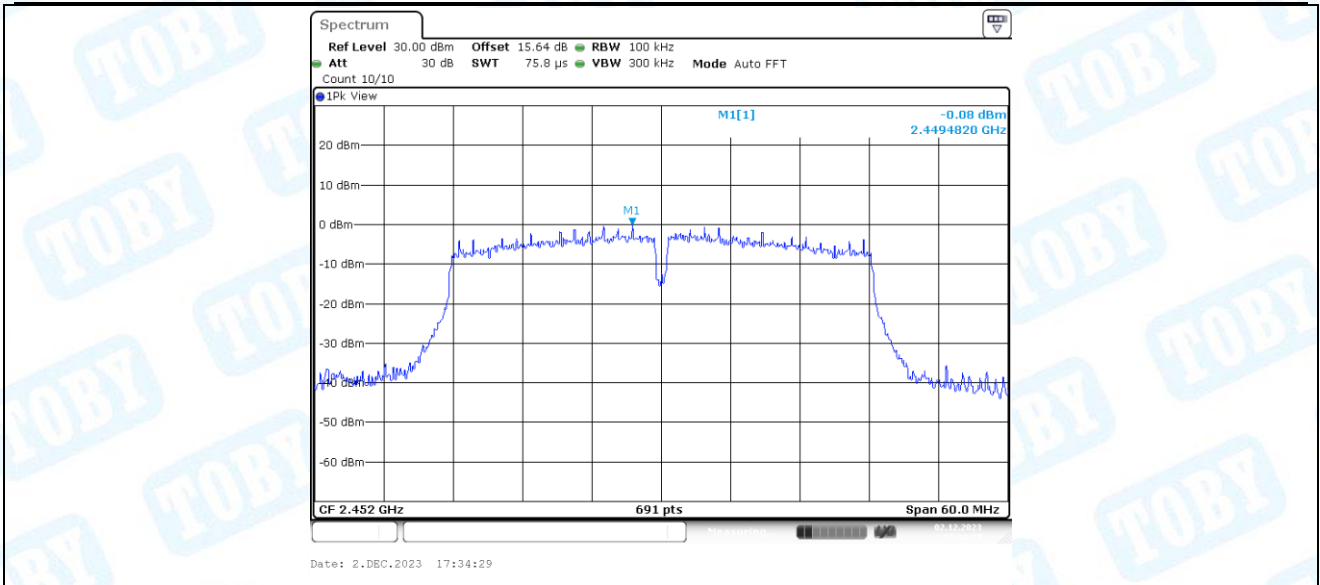
11N40SISO_Ant1_2437_30~1000



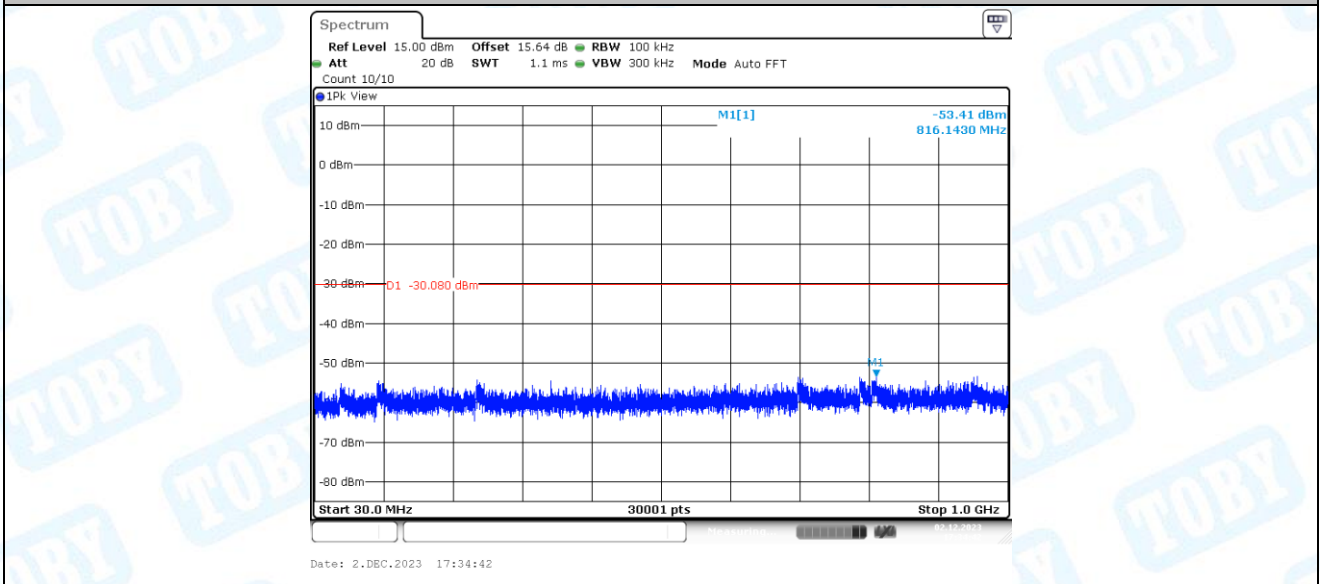
11N40SISO_Ant1_2437_1000~26500



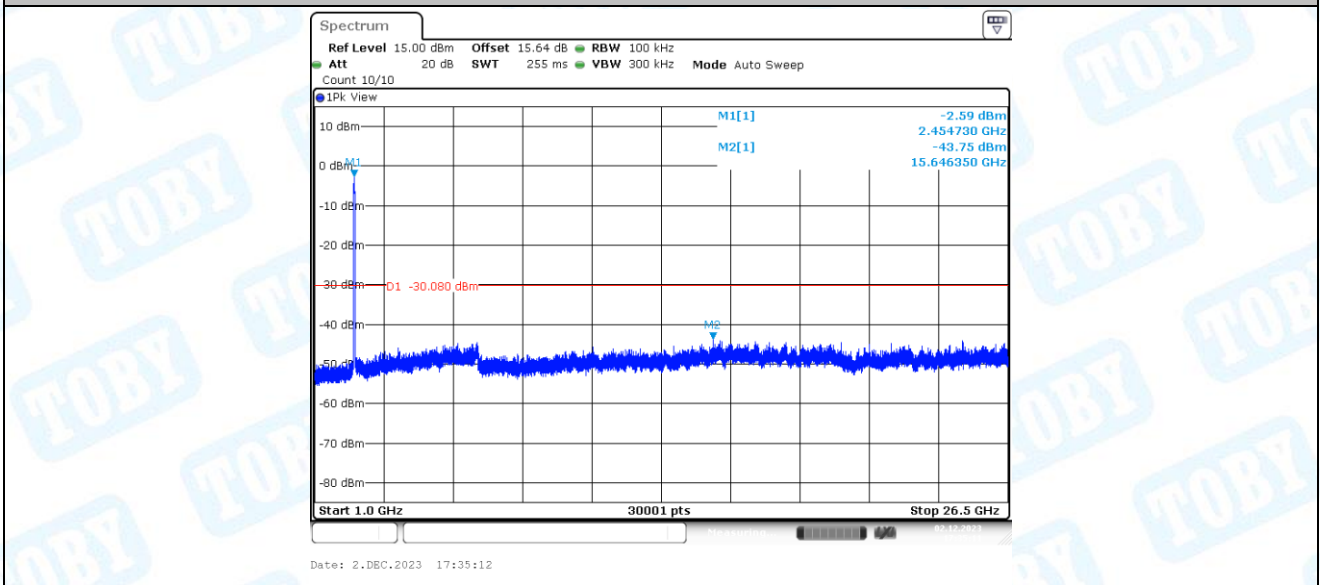
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



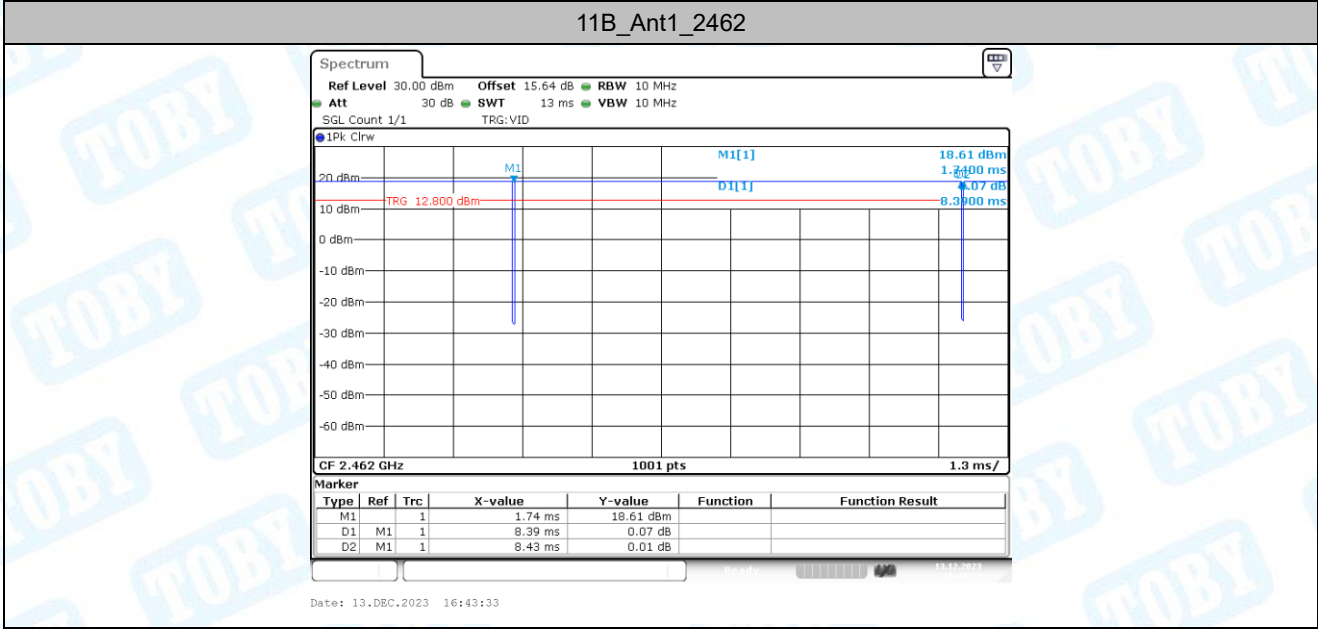
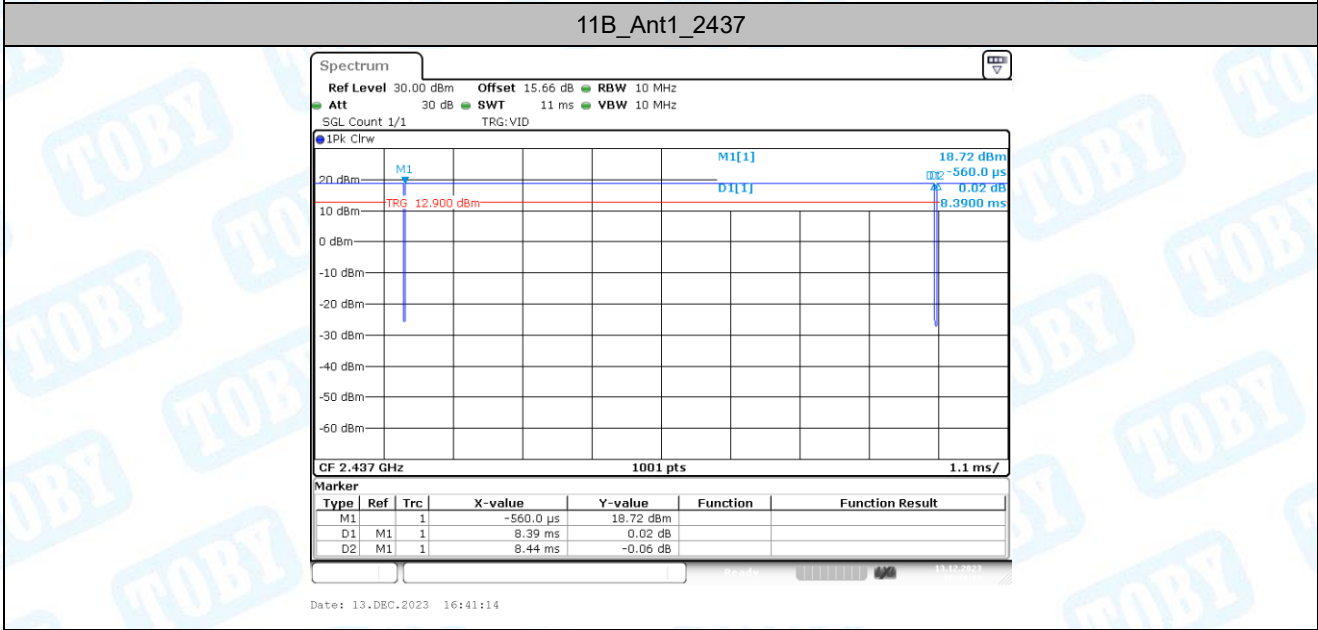
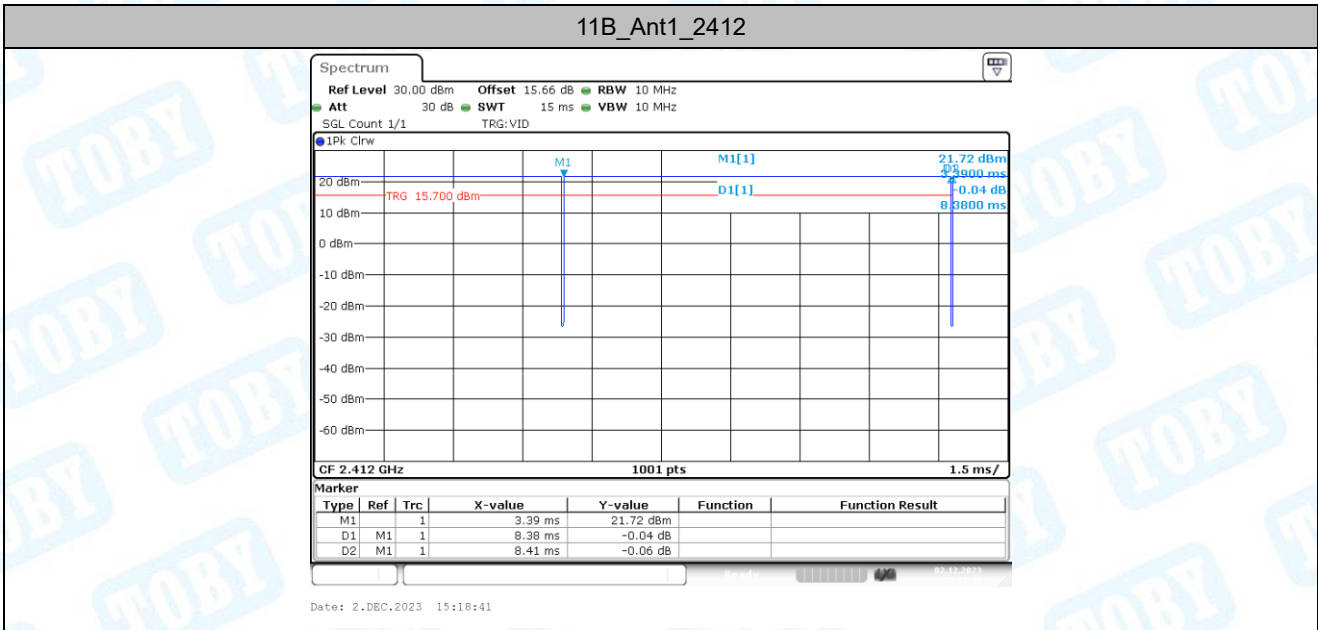
7. Duty Cycle

7.1. Test Result

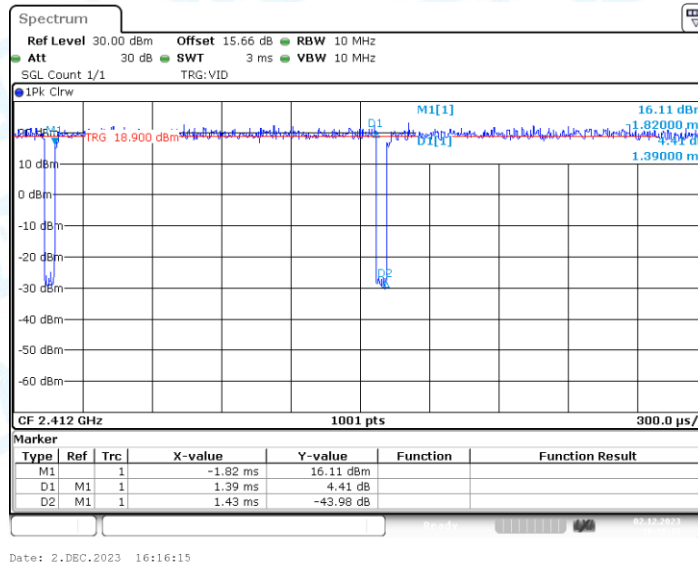
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11B	Ant1	2412	8.38	8.41	99.64	0.12	---	---
		2437	8.39	8.44	99.41	0.12	---	---
		2462	8.39	8.43	99.53	0.12	---	---
11G	Ant1	2412	1.39	1.43	97.20	0.72	---	---
		2437	1.40	1.44	97.22	0.71	---	---
		2462	1.39	1.44	96.53	0.72	---	---
11N20SISO	Ant1	2412	1.30	1.34	97.01	0.77	---	---
		2437	1.30	1.34	97.01	0.77	---	---
		2462	1.30	1.35	96.30	0.77	---	---
11N40SISO	Ant1	2422	0.64	0.69	92.75	1.56	---	---
		2437	0.64	0.69	92.75	1.56	---	---
		2452	0.65	0.69	94.20	1.54	---	---

Note: 1/T=1/ Transmission Duration

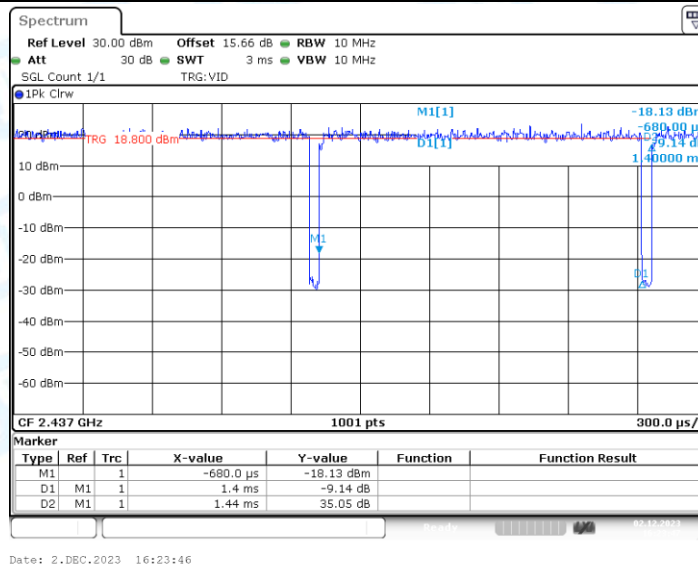
7.2. Test Graphs



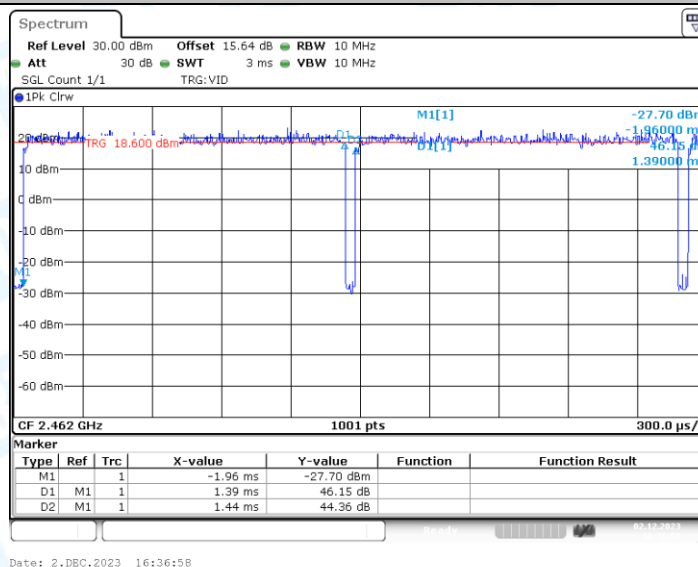
11G_Ant1_2412



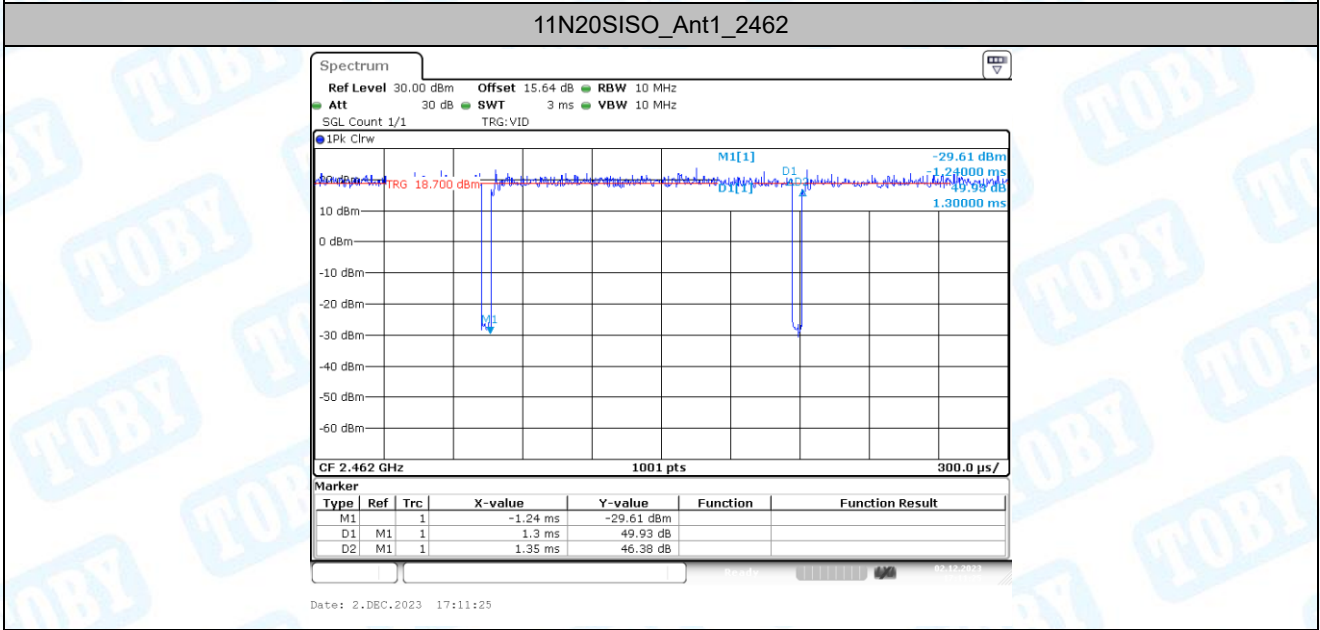
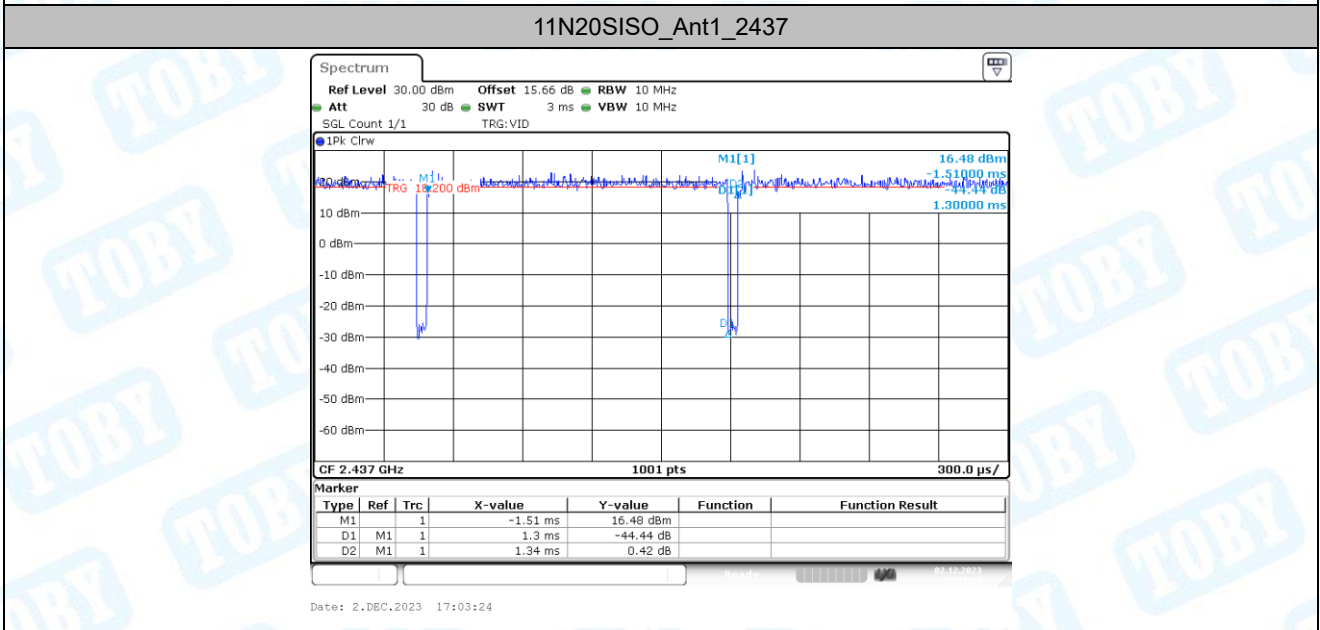
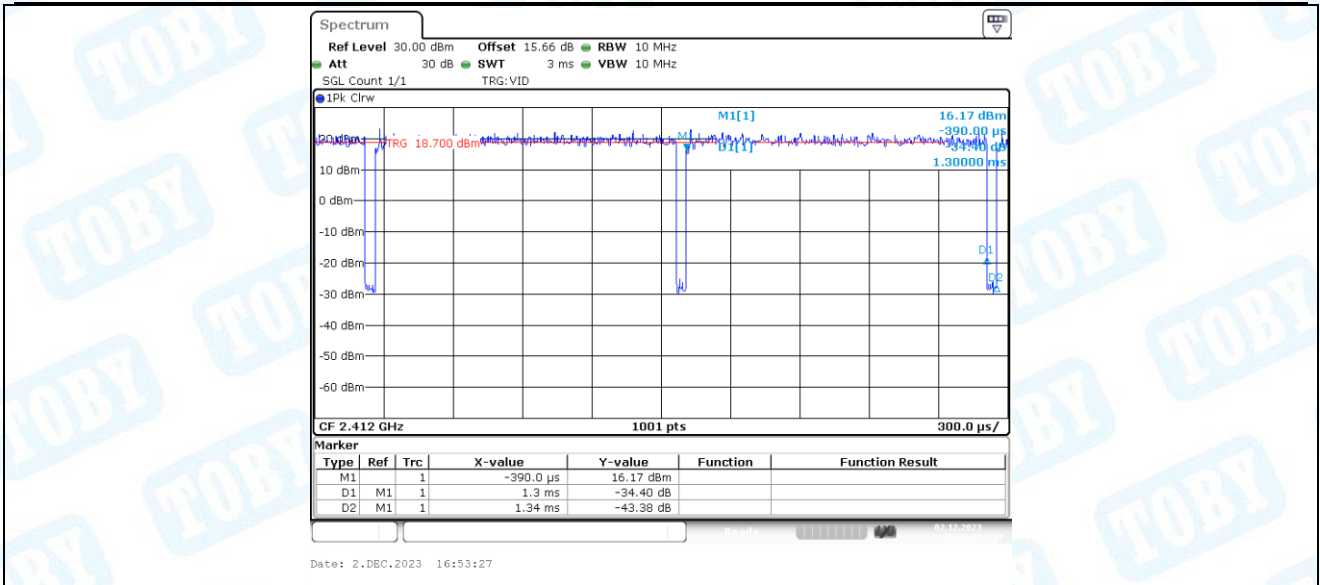
11G_Ant1_2437

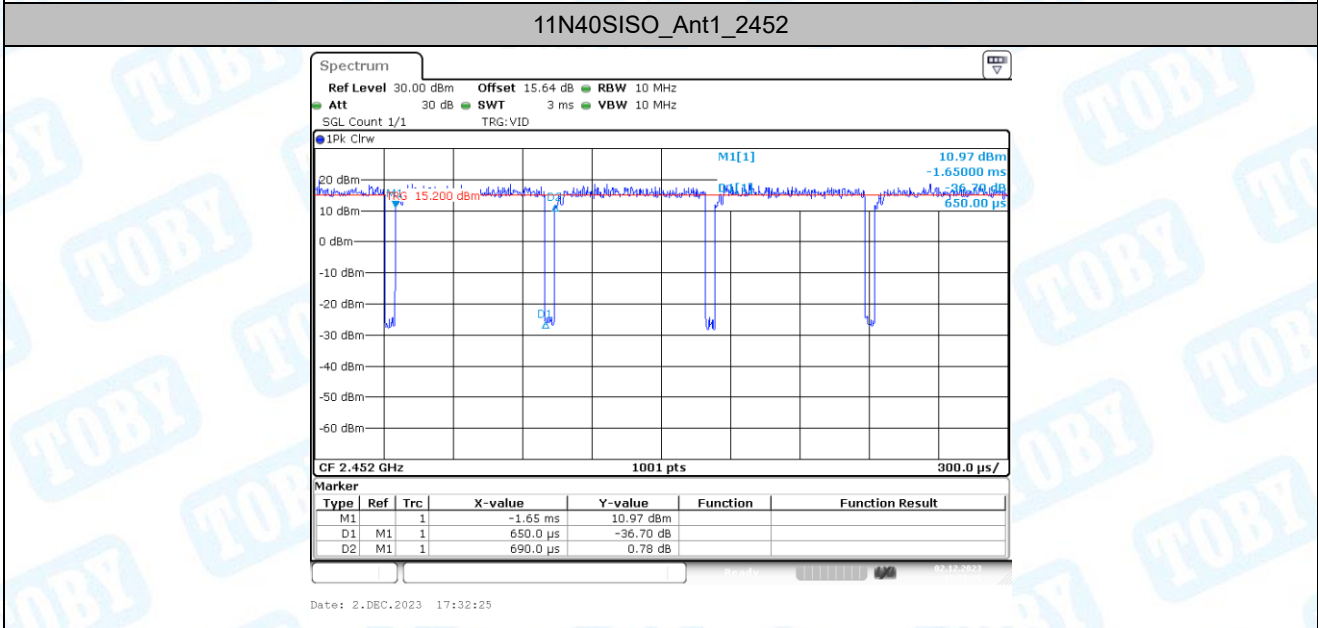
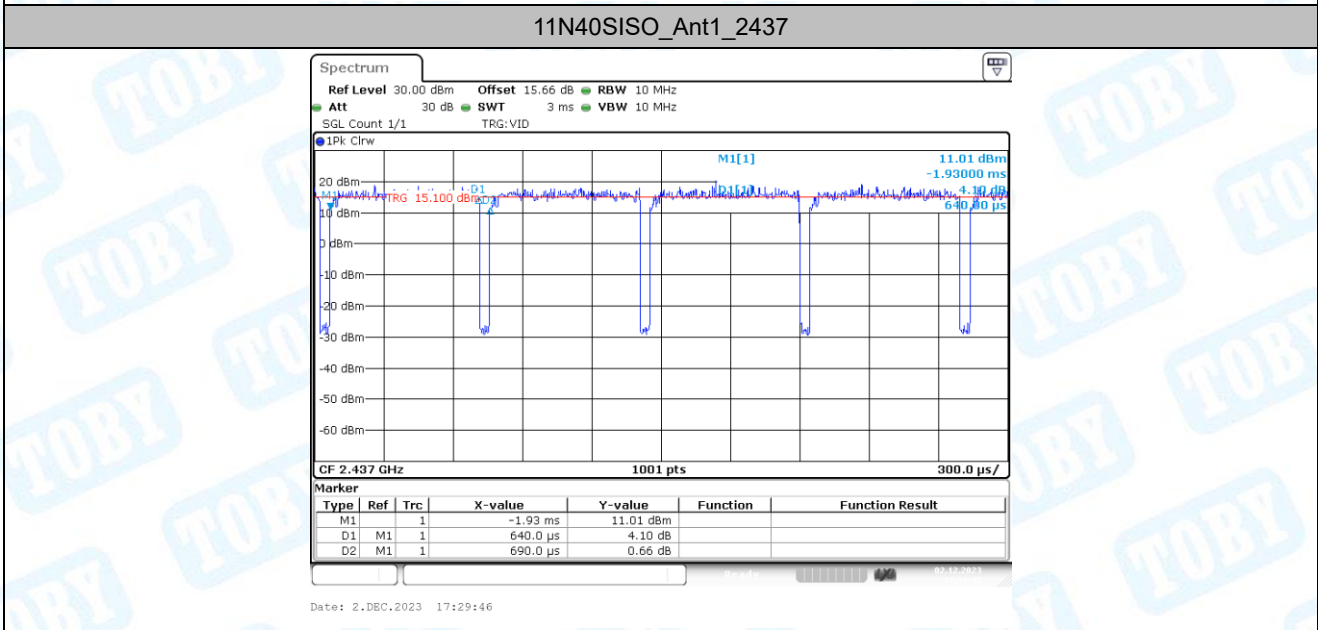
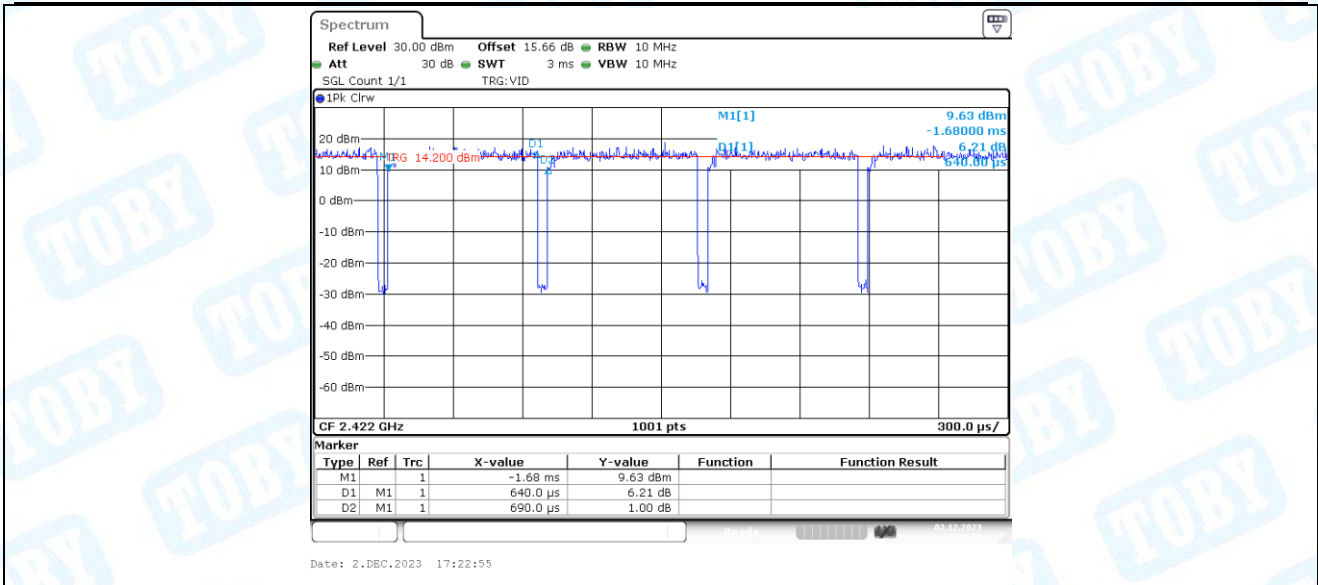


11G_Ant1_2462



11N20SISO_Ant1_2412





8. Emissions in Restricted Bands

8.1. Test Result

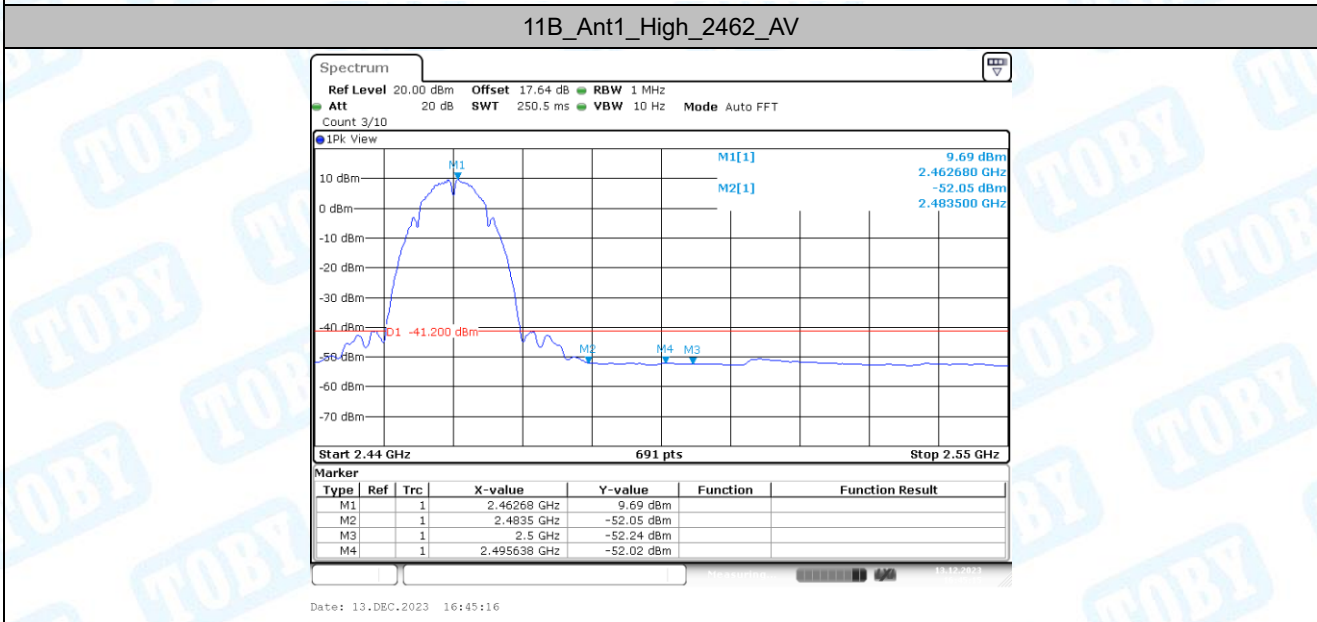
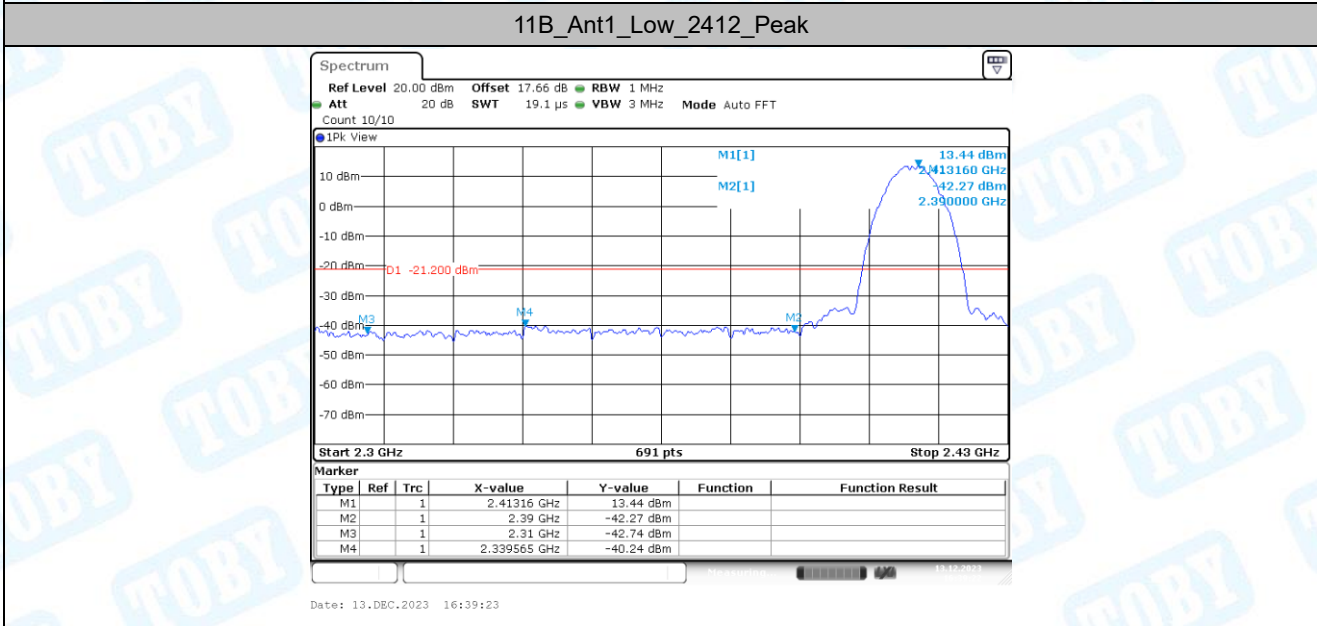
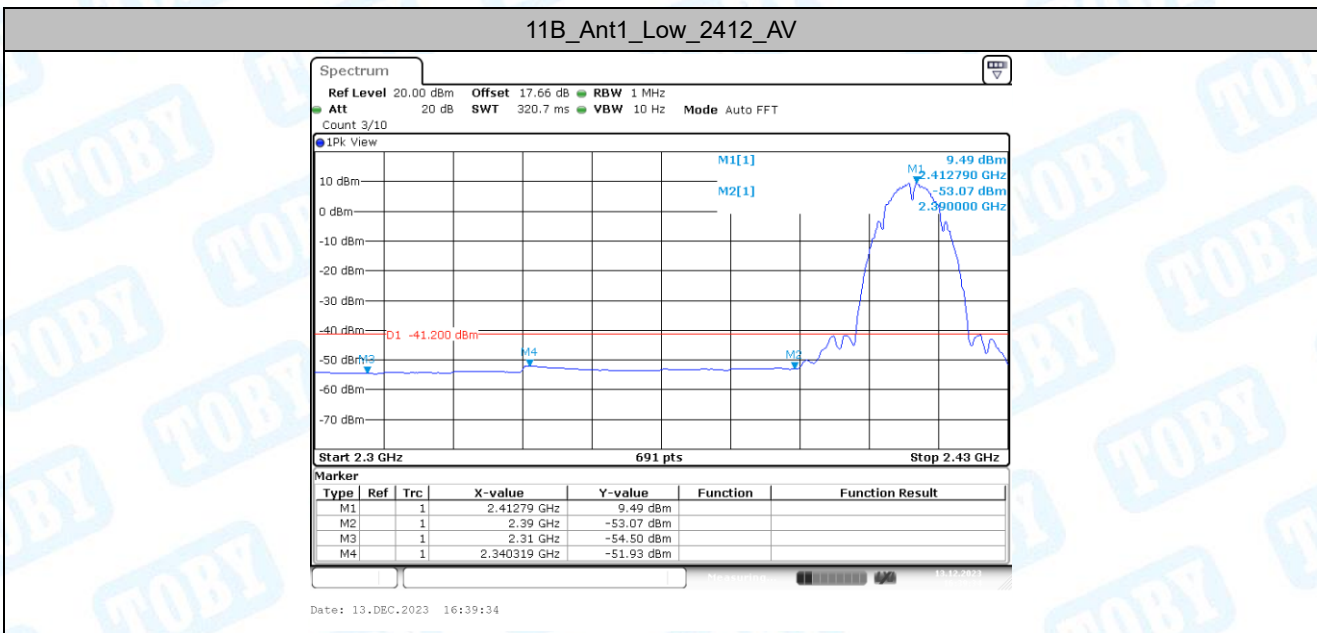
TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-54.5	≤-41.20	PASS
				AV	2340.319	-51.93	≤-41.20	PASS
				AV	2390.000	-53.07	≤-41.20	PASS
				Peak	2310.000	-42.74	≤-21.20	PASS
				Peak	2339.565	-40.24	≤-21.20	PASS
				Peak	2390.000	-42.27	≤-21.20	PASS
		High	2462	AV	2483.500	-52.05	≤-41.20	PASS
				AV	2495.638	-52.02	≤-41.20	PASS
				AV	2500.000	-52.24	≤-41.20	PASS
				Peak	2483.500	-40.11	≤-21.20	PASS
				Peak	2495.797	-38.77	≤-21.20	PASS
				Peak	2500.000	-40.4	≤-21.20	PASS
11G	Ant1	Low	2412	AV	2310.000	-53.92	≤-41.20	PASS
				AV	2389.870	-47.55	≤-41.20	PASS
				AV	2390.000	-47.19	≤-41.20	PASS
				Peak	2310.000	-43.22	≤-21.20	PASS
				Peak	2389.870	-34.18	≤-21.20	PASS
				Peak	2390.000	-33.51	≤-21.20	PASS
		High	2462	AV	2483.500	-45.6	≤-41.20	PASS
				AV	2483.522	-45.6	≤-41.20	PASS
				AV	2500.000	-49.82	≤-41.20	PASS
				Peak	2483.500	-30.73	≤-21.20	PASS
				Peak	2483.522	-30.73	≤-21.20	PASS
				Peak	2500.000	-40.23	≤-21.20	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-53.41	≤-41.20	PASS
				AV	2389.870	-45.97	≤-41.20	PASS
				AV	2390.000	-45.55	≤-41.20	PASS
				Peak	2310.000	-43.95	≤-21.20	PASS
				Peak	2389.870	-30.13	≤-21.20	PASS
				Peak	2390.000	-29.55	≤-21.20	PASS
		High	2462	AV	2483.500	-44.75	≤-41.20	PASS
				AV	2483.522	-44.75	≤-41.20	PASS
				AV	2500.000	-49.7	≤-41.20	PASS
				Peak	2483.500	-30.74	≤-21.20	PASS
				Peak	2483.522	-30.74	≤-21.20	PASS
				Peak	2500.000	-39.79	≤-21.20	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-53.44	≤-41.20	PASS
				AV	2389.870	-44.51	≤-41.20	PASS
				AV	2390.000	-44.42	≤-41.20	PASS
				Peak	2310.000	-43.11	≤-21.20	PASS

				Peak	2389.681	-28.82	≤-21.20	PASS
				Peak	2390.000	-29.75	≤-21.20	PASS
		High	2452	AV	2483.500	-44.34	≤-41.20	PASS
				AV	2483.522	-44.34	≤-41.20	PASS
				AV	2500.000	-49.51	≤-41.20	PASS
				Peak	2483.500	-26.41	≤-21.20	PASS
				Peak	2484.638	-24.89	≤-21.20	PASS
				Peak	2500.000	-37.56	≤-21.20	PASS

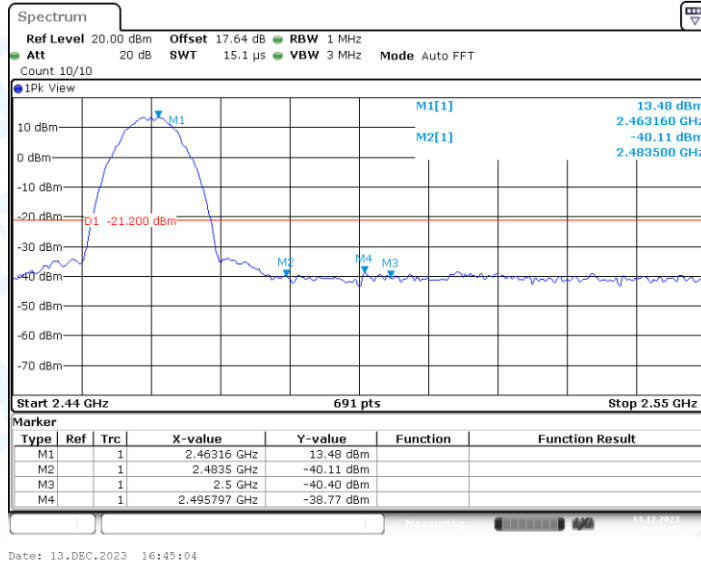
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a) or RSS-Gen 8.10. The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

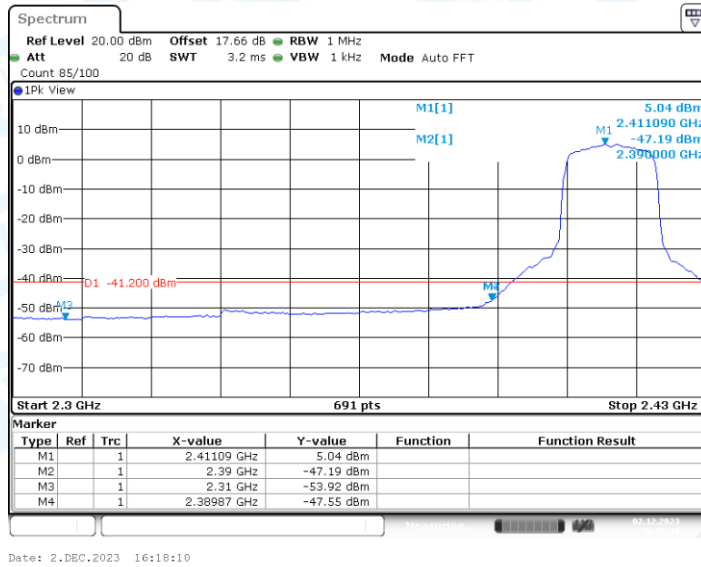
8.2. Test Graphs



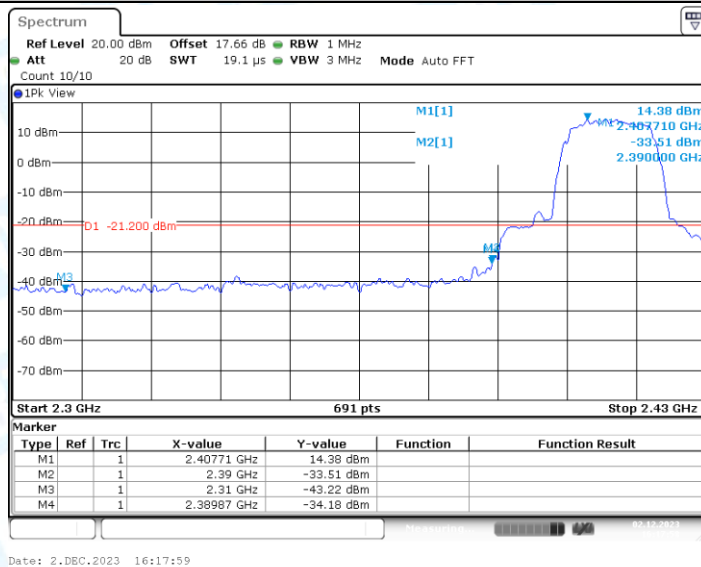
11B_Ant1_High_2462_Peak



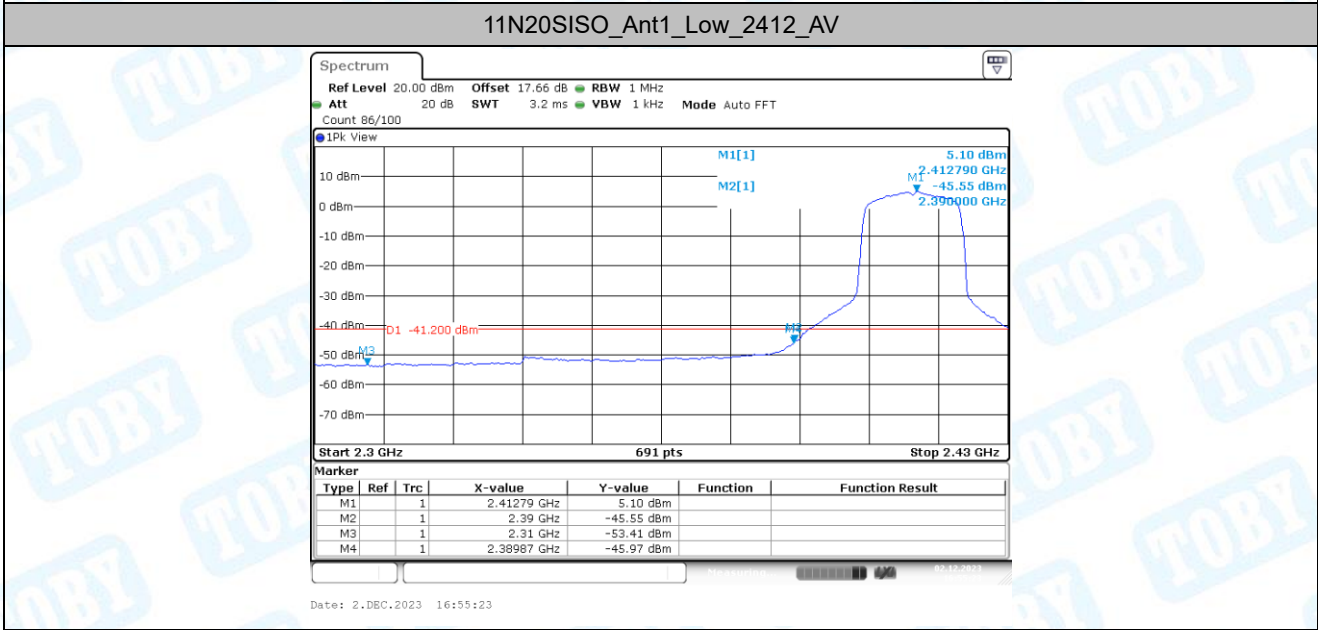
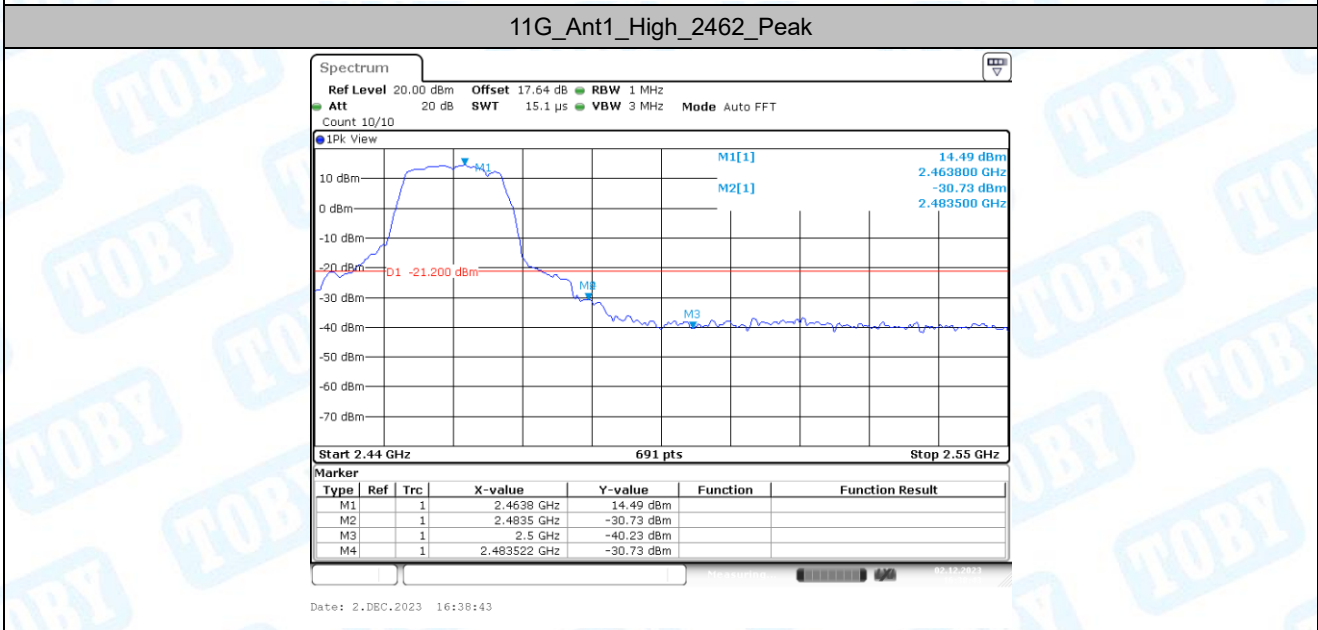
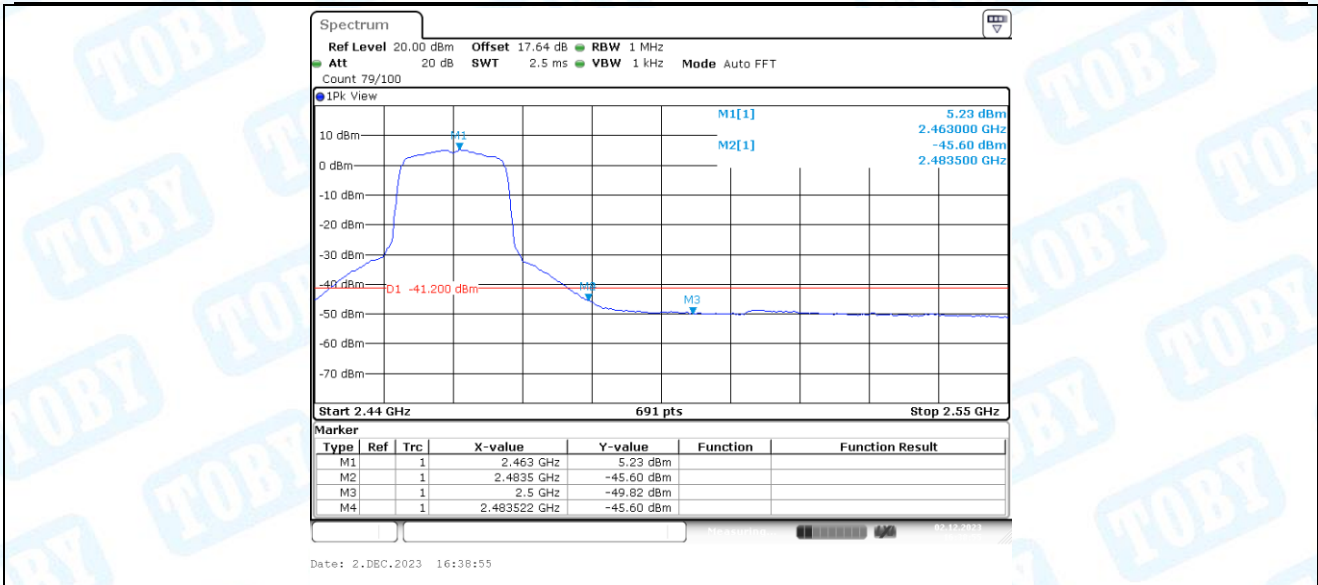
11G_Ant1_Low_2412_AV

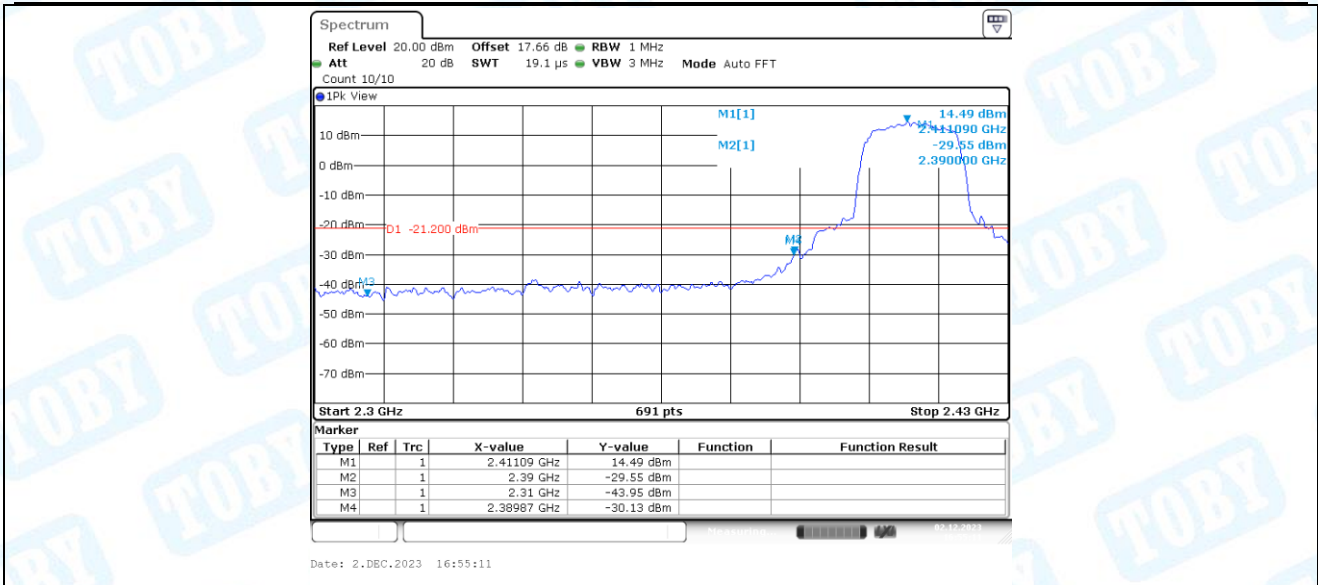


11G_Ant1_Low_2412_Peak

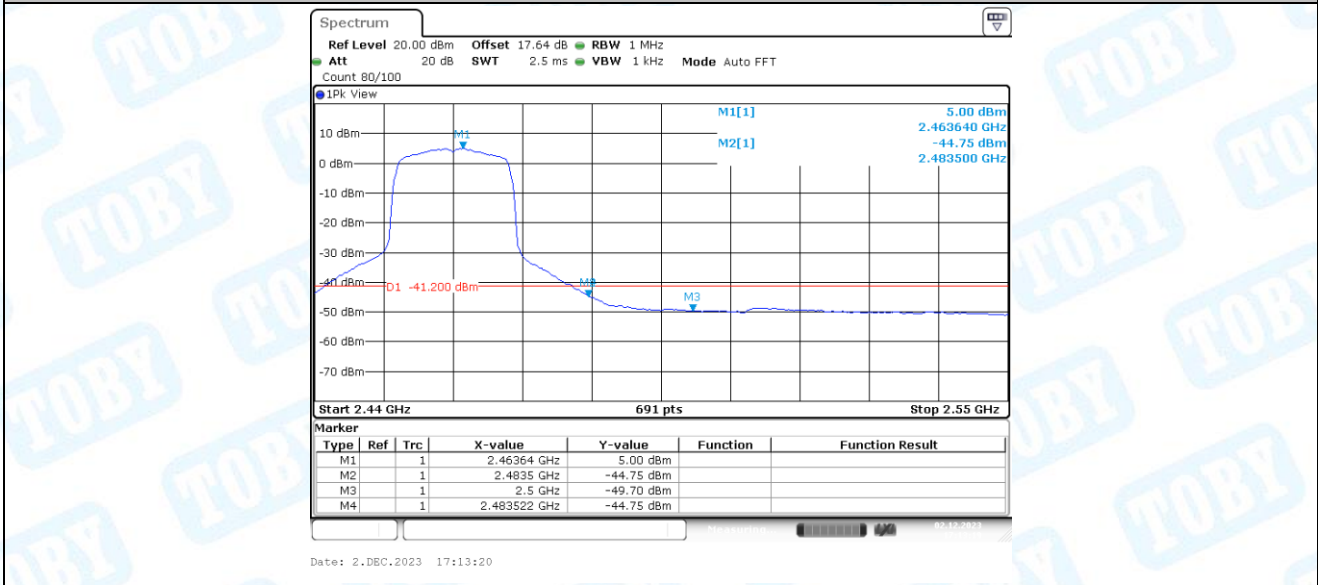


11G_Ant1_High_2462_AV

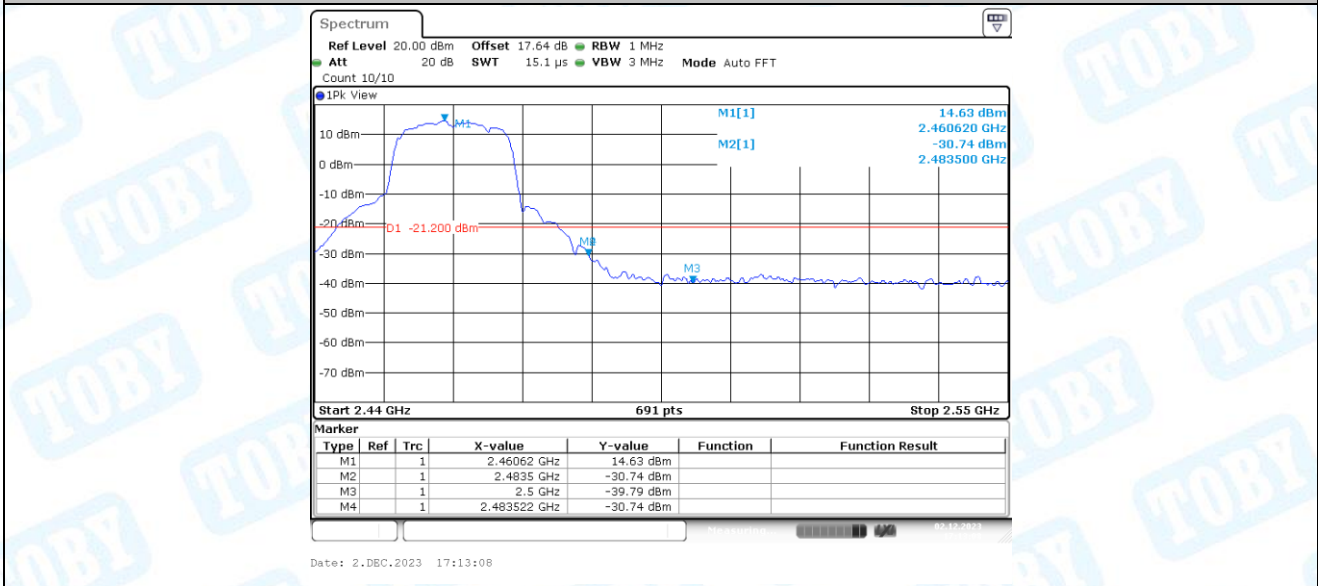




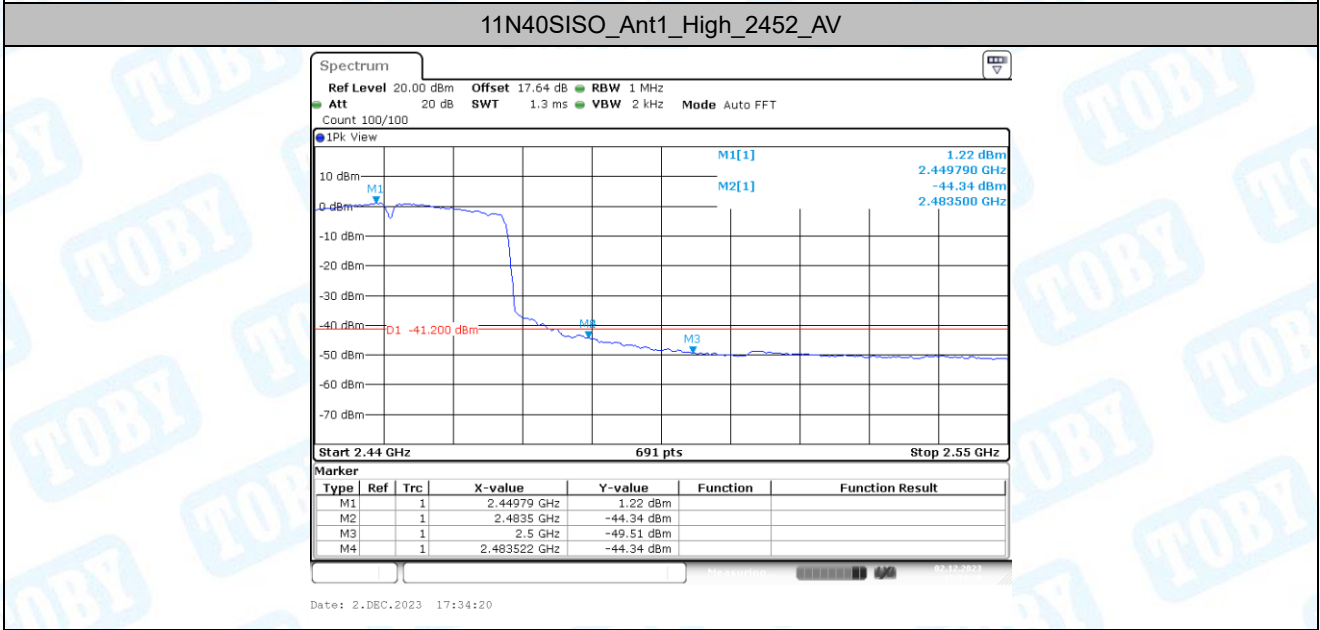
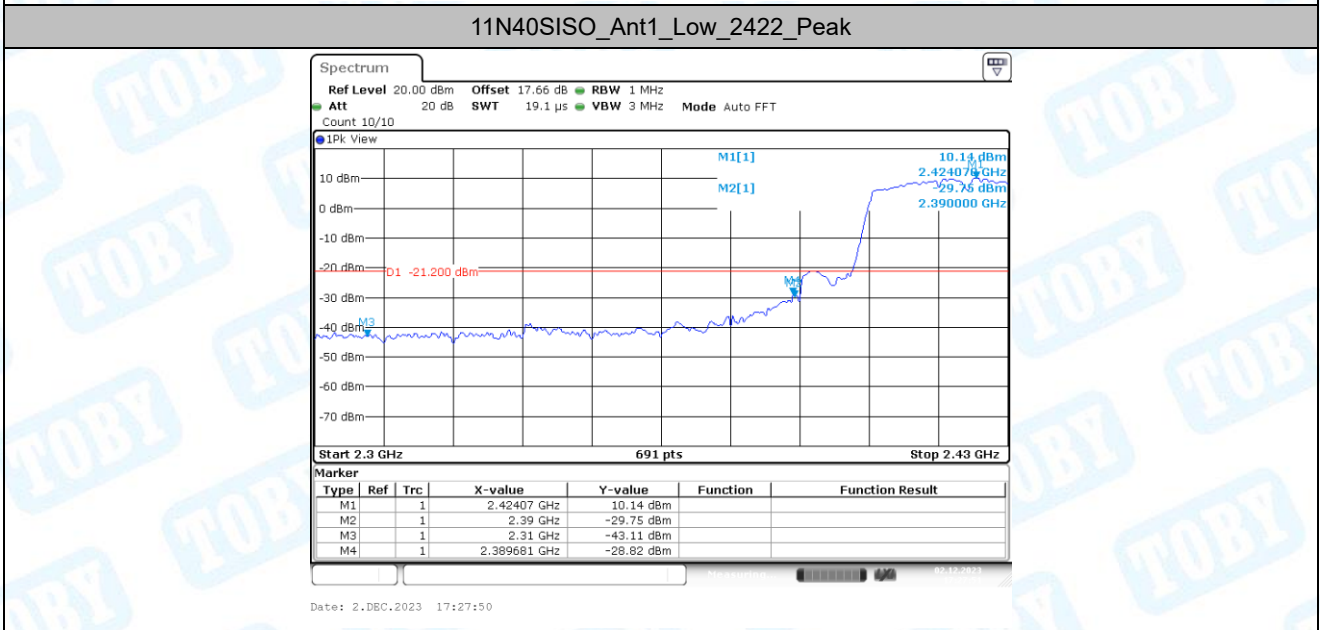
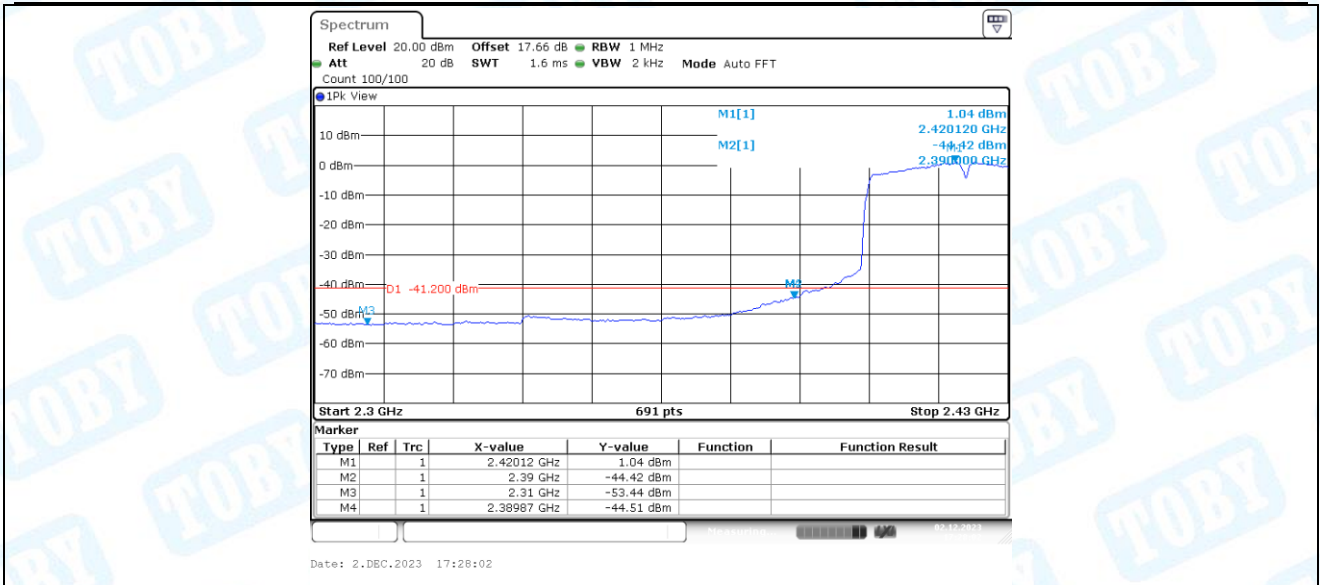
11N20SISO_Ant1_High_2462_AV

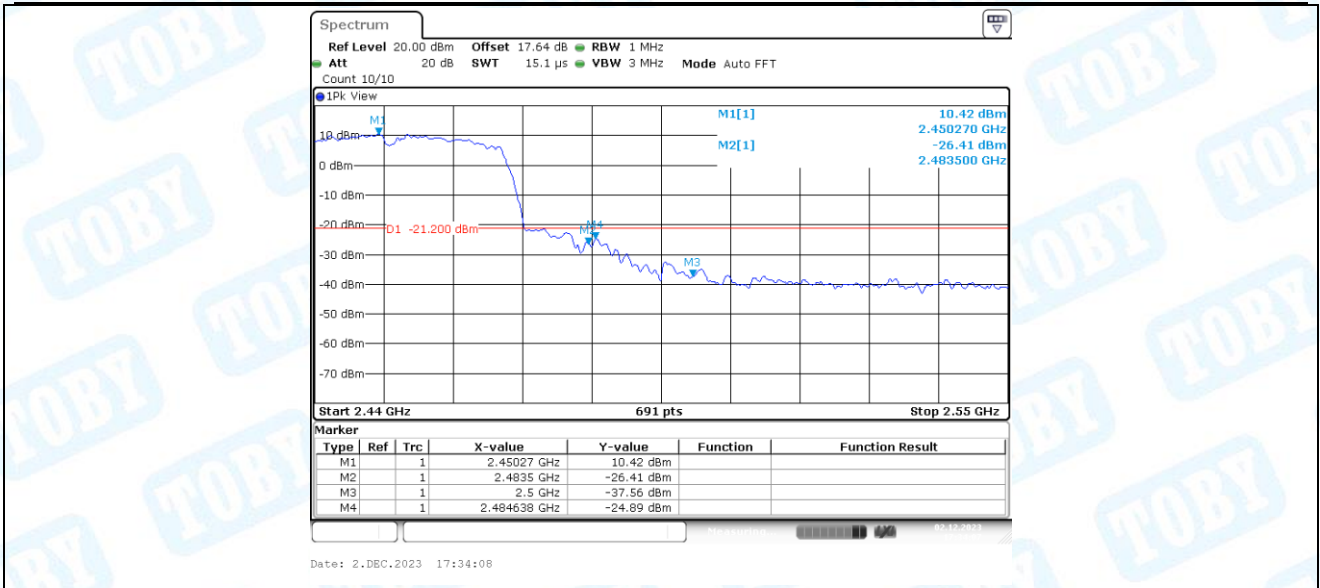


11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV





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