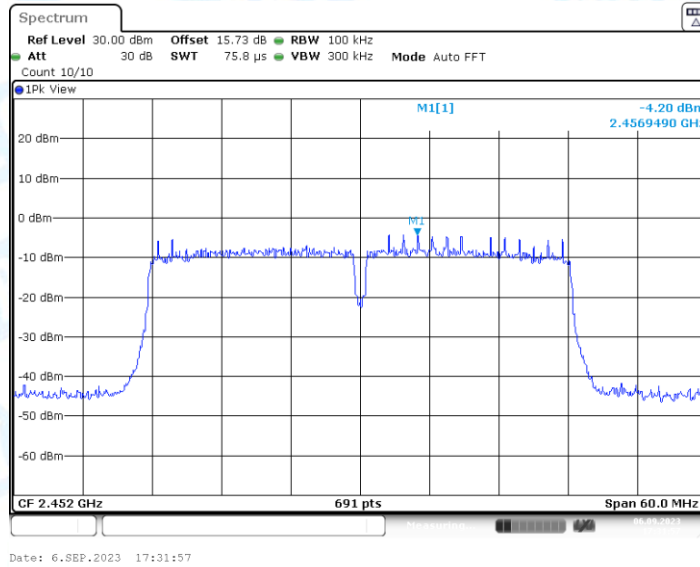
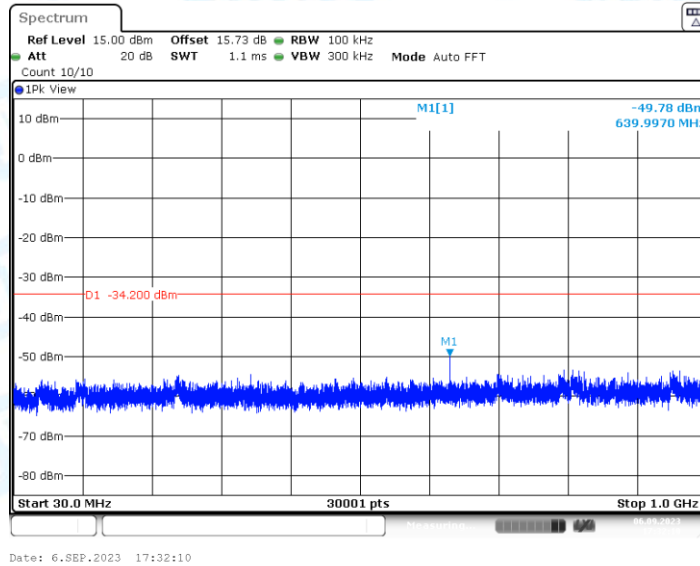
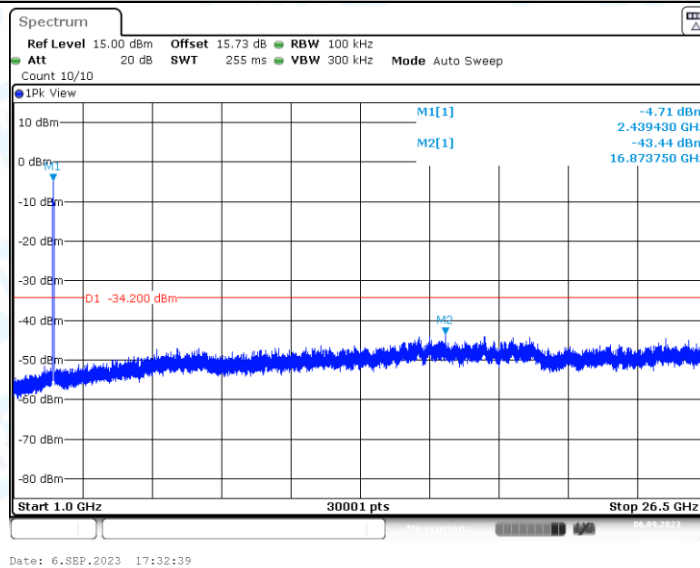




11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500



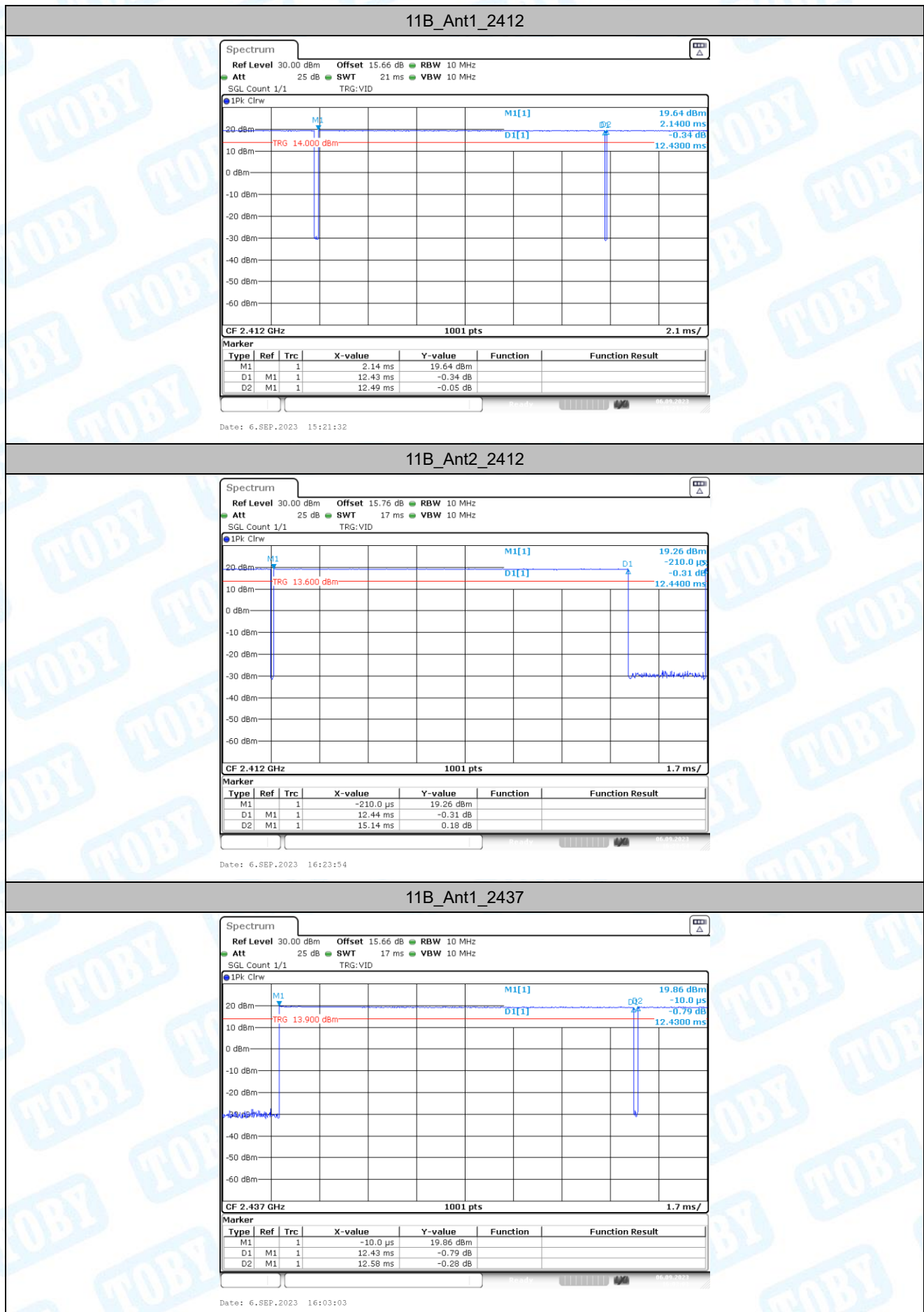
7. Duty Cycle

7.1. Test Result

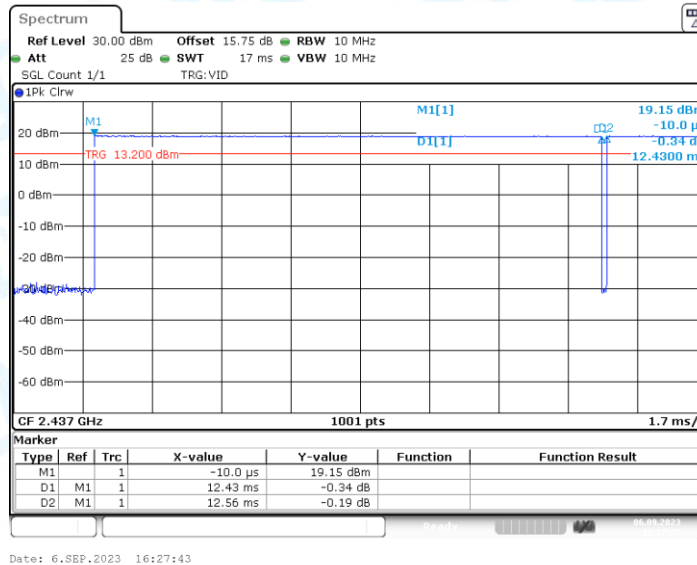
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11B	Ant1	2412	12.43	12.49	99.52	0.08	---	---
	Ant2	2412	12.44	15.14	82.17	0.08	---	---
	Ant1	2437	12.43	12.58	98.81	0.08	---	---
	Ant2	2437	12.43	12.56	98.96	0.08	---	---
	Ant1	2462	12.45	12.58	98.97	0.08	---	---
	Ant2	2462	12.42	14.67	84.66	0.08	---	---
11G	Ant1	2412	2.07	3.60	57.50	0.48	---	---
	Ant2	2412	2.06	2.17	94.93	0.49	---	---
	Ant1	2437	2.06	2.13	96.71	0.49	---	---
	Ant2	2437	2.07	2.21	93.67	0.48	---	---
	Ant1	2462	2.07	2.26	91.59	0.48	---	---
	Ant2	2462	2.07	2.23	92.83	0.48	---	---
11N20MIMO	Ant1	2412	1.92	2.11	91.00	0.52	---	---
	Ant2	2412	1.92	2.01	95.52	0.52	---	---
	Ant1	2437	1.93	2.03	95.07	0.52	---	---
	Ant2	2437	1.92	1.99	96.48	0.52	---	---
	Ant1	2462	1.93	2.00	96.50	0.52	---	---
	Ant2	2462	1.92	1.98	96.97	0.52	---	---
11N40MIMO	Ant1	2422	0.94	1.06	88.68	1.06	---	---
	Ant2	2422	0.95	1.13	84.07	1.05	---	---
	Ant1	2437	0.95	1.04	91.35	1.05	---	---
	Ant2	2437	0.95	1.10	86.36	1.05	---	---
	Ant1	2452	0.94	1.13	83.19	1.06	---	---
	Ant2	2452	0.94	1.06	88.68	1.06	---	---

Note: 1/T=1/ Transmission Duration

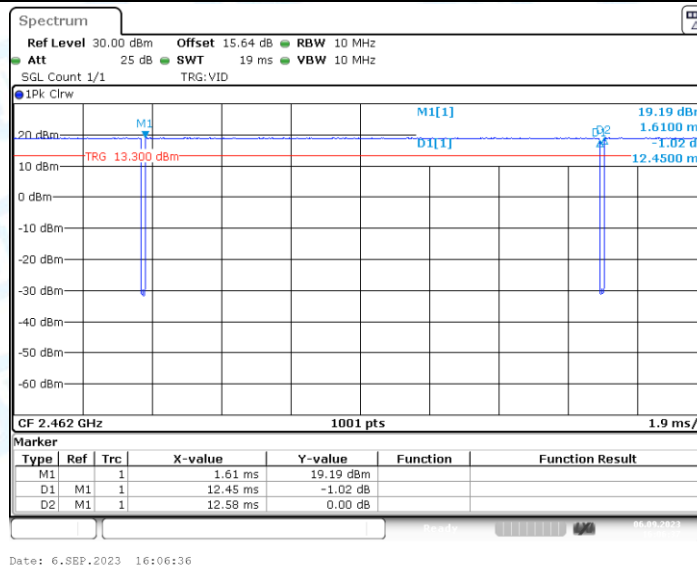
7.2. Test Graphs



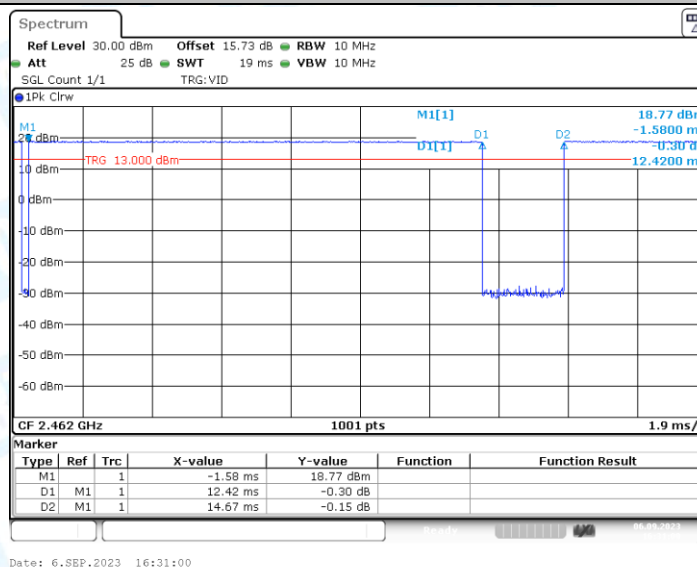
11B_Ant2_2437



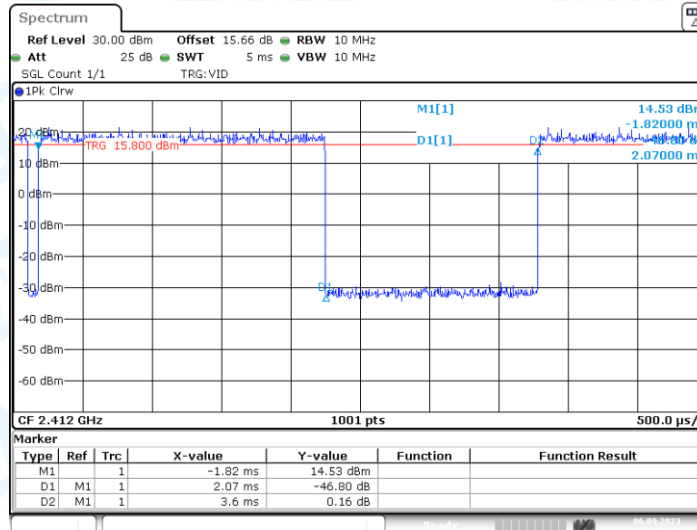
11B_Ant1_2462



11B_Ant2_2462

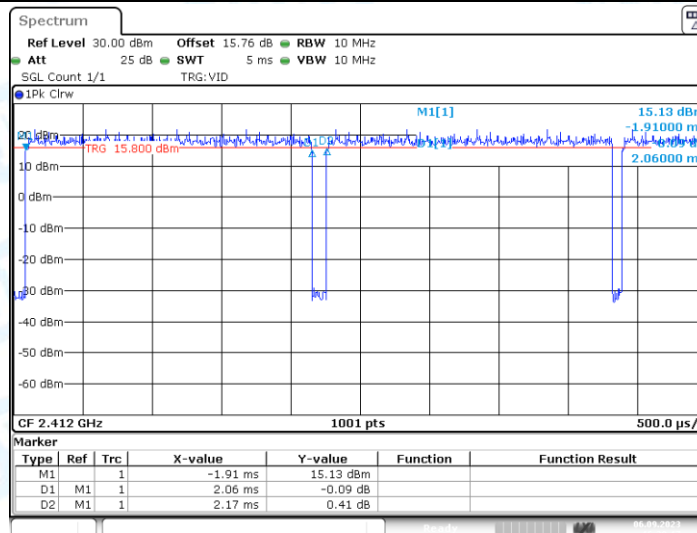


11G_Ant1_2412



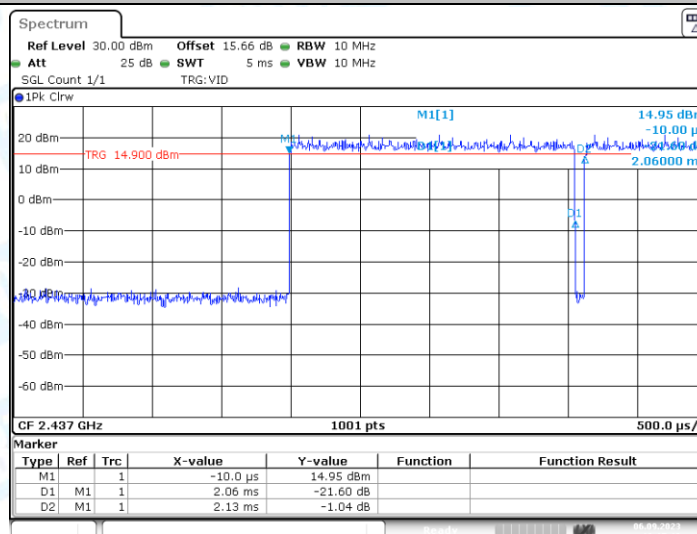
Date: 6.SEP.2023 16:11:38

11G_Ant2_2412



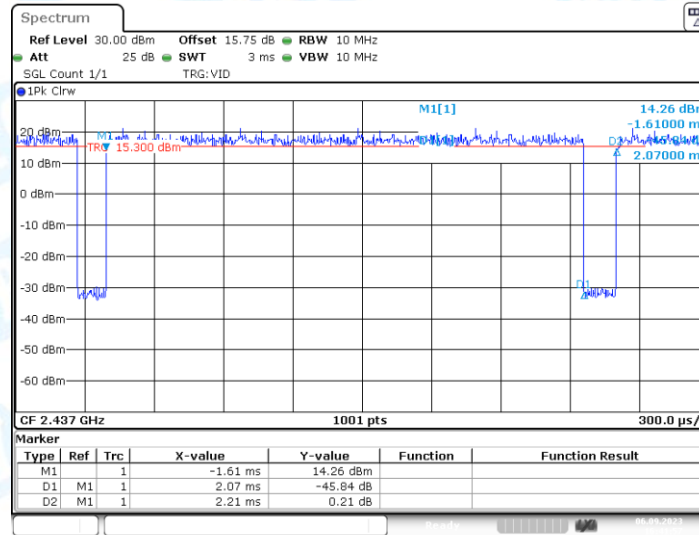
Date: 6.SEP.2023 16:38:18

11G_Ant1_2437

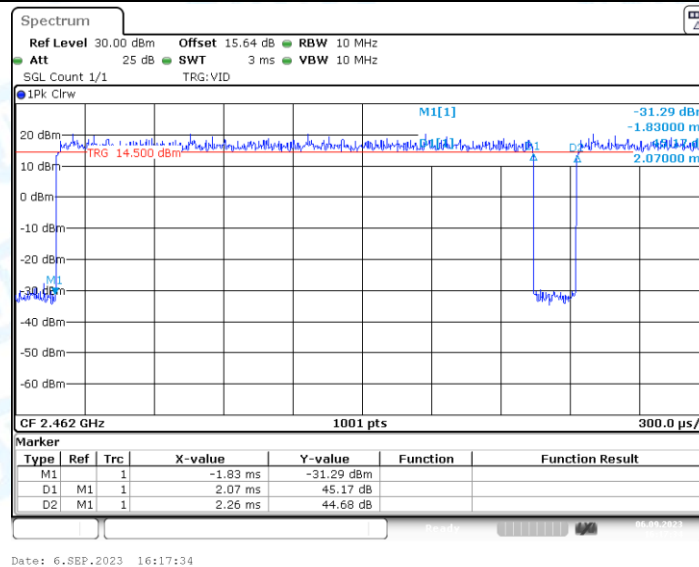


Date: 6.SEP.2023 16:15:12

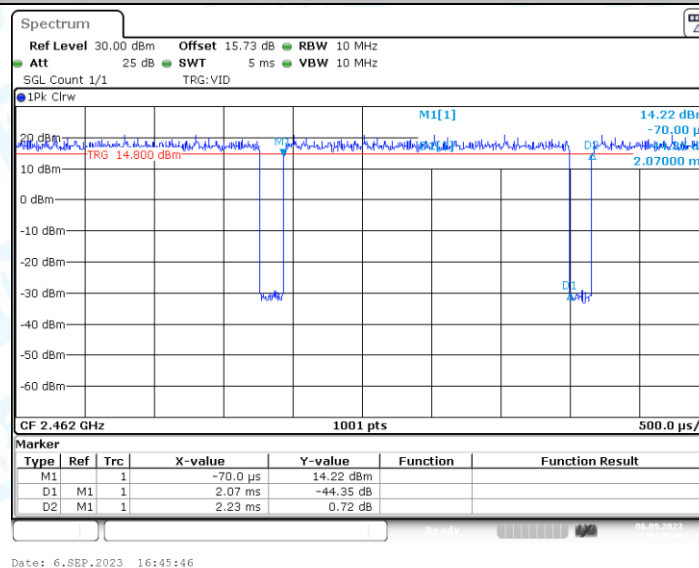
11G_Ant2_2437



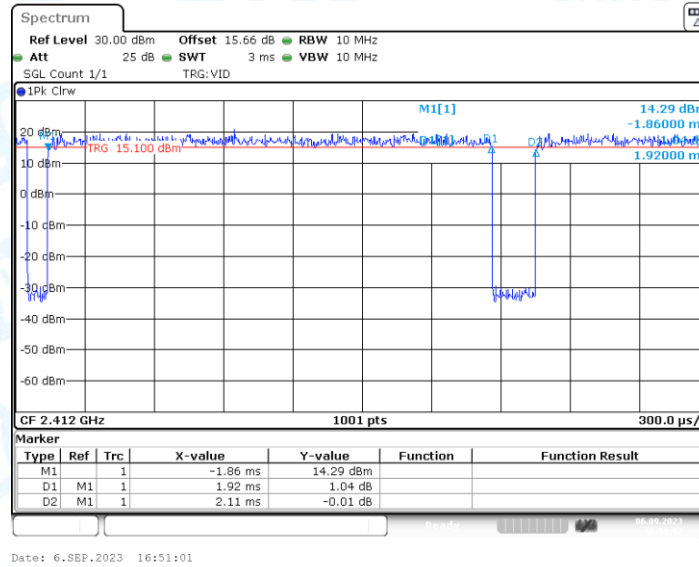
11G_Ant1_2462



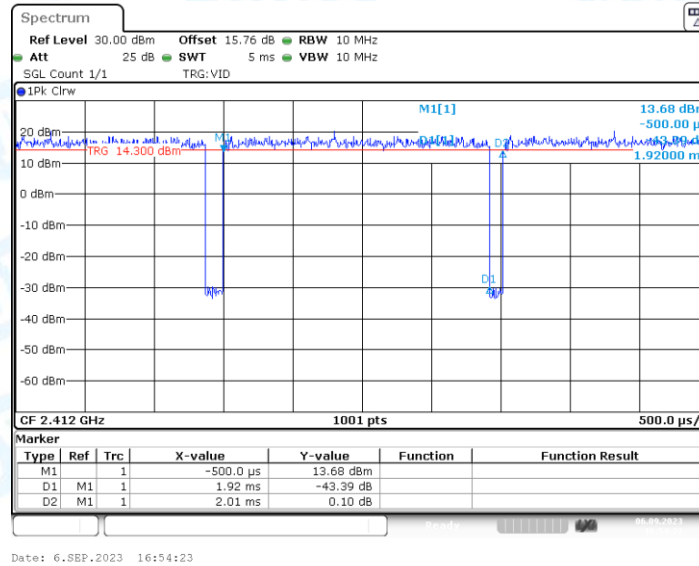
11G_Ant2_2462



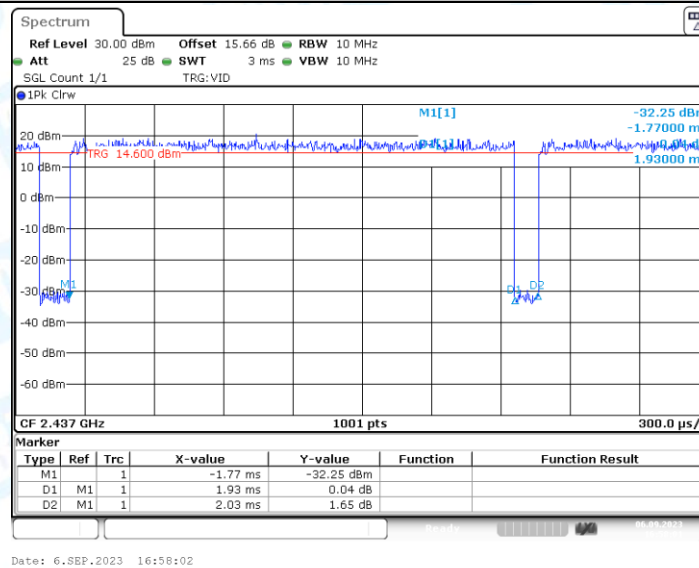
11N20MIMO_Ant1_2412



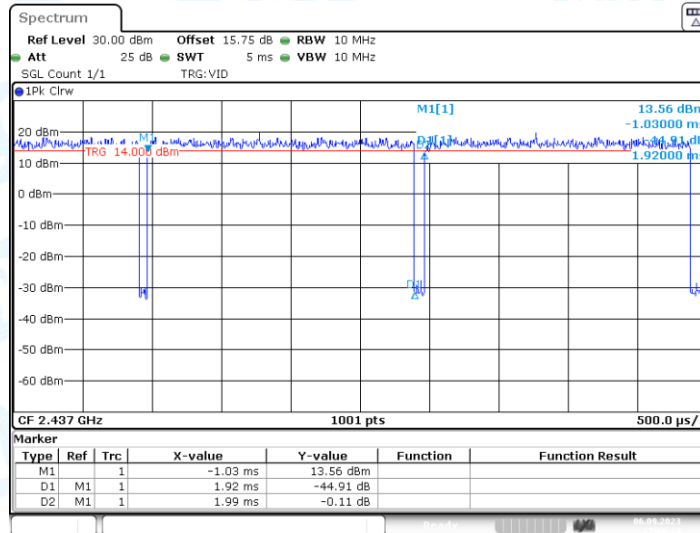
11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437

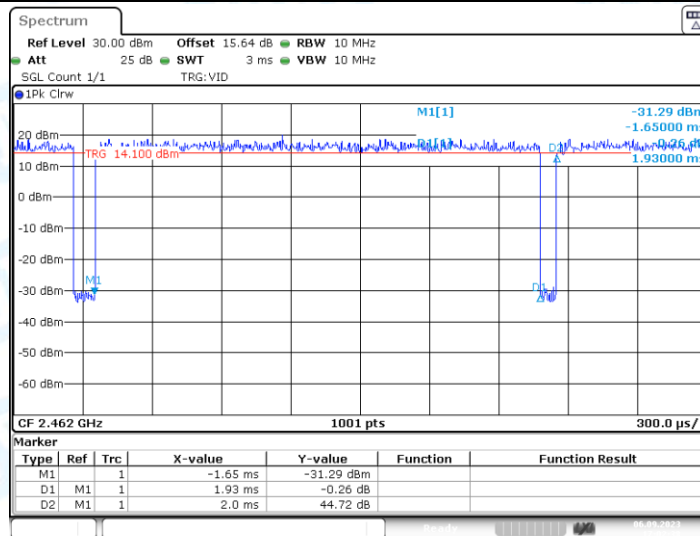


11N20MIMO_Ant2_2437



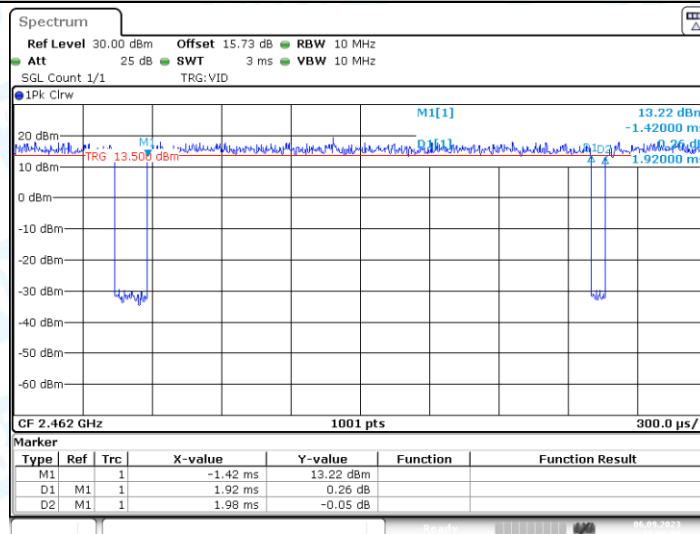
Date: 6.SEP.2023 17:00:14

11N20MIMO_Ant1_2462



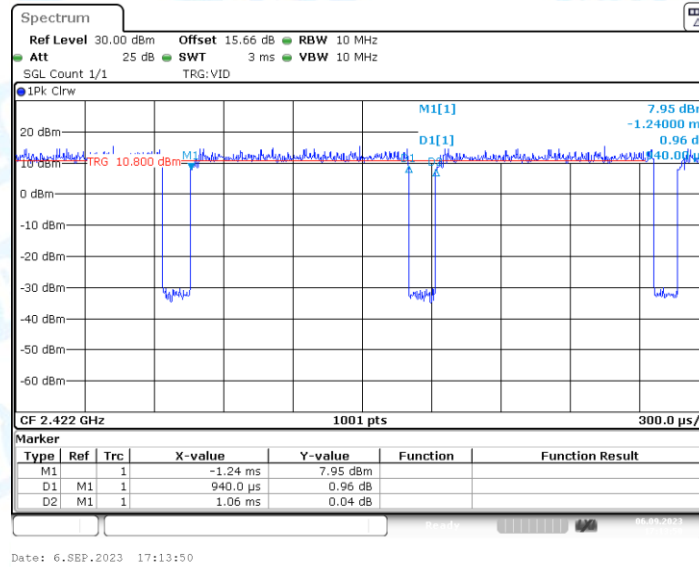
Date: 6.SEP.2023 17:02:38

11N20MIMO_Ant2_2462

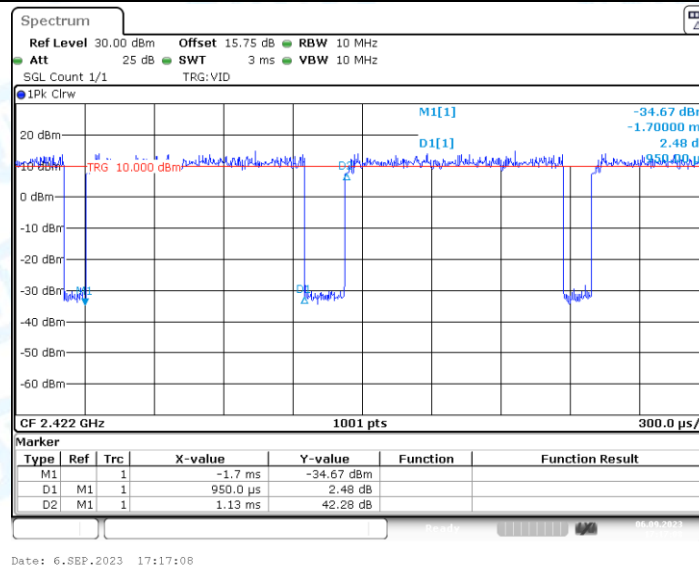


Date: 6.SEP.2023 17:05:57

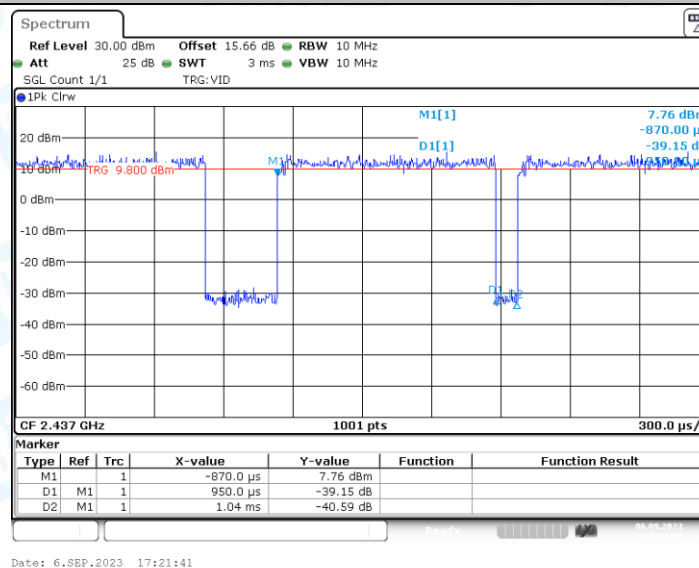
11N40MIMO_Ant1_2422



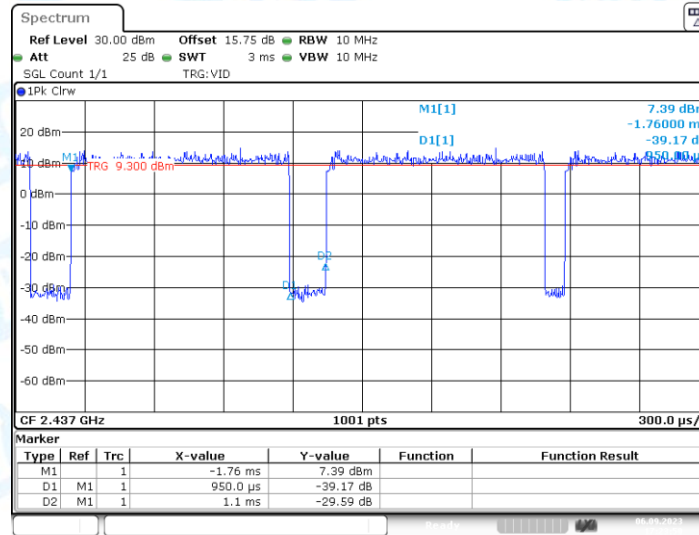
11N40MIMO_Ant2_2422



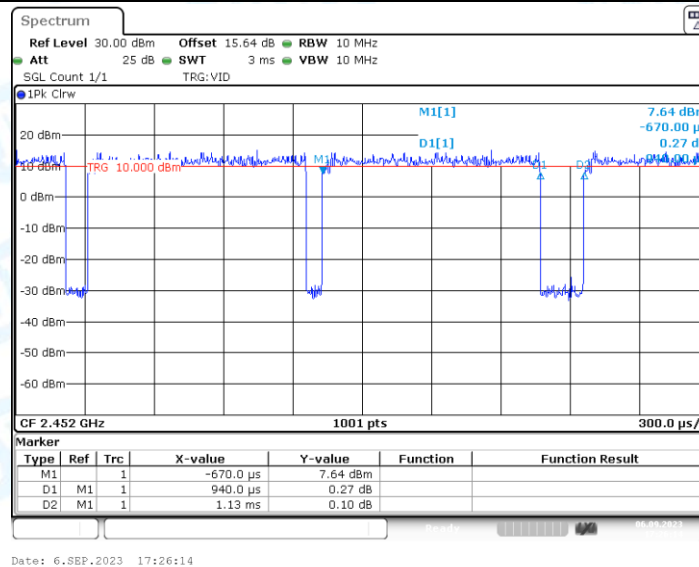
11N40MIMO_Ant1_2437



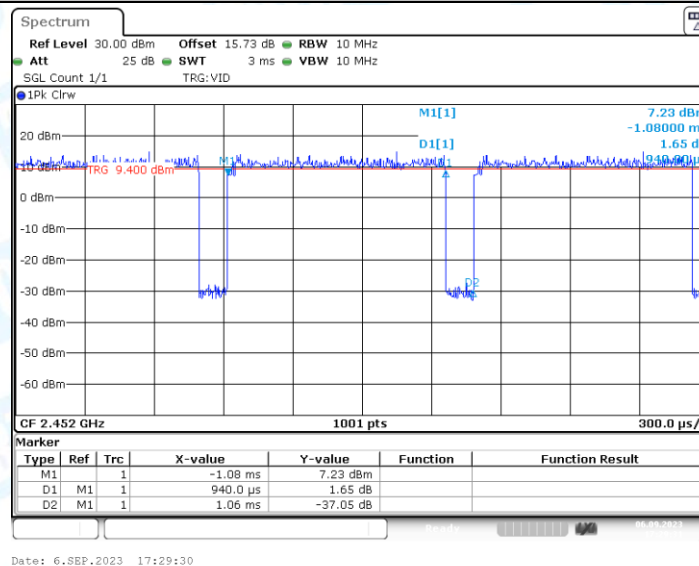
11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



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	-52.62	≤-41.20	PASS
				AV	2332.029	-47.86	≤-41.20	PASS
				AV	2390.000	-51.35	≤-41.20	PASS
				Peak	2310.000	-41.46	≤-21.20	PASS
				Peak	2379.507	-38.07	≤-21.20	PASS
				Peak	2390.000	-40.07	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-52.17	≤-41.20	PASS
				AV	2340.319	-50.39	≤-41.20	PASS
				AV	2390.000	-51.44	≤-41.20	PASS
				Peak	2310.000	-40.13	≤-21.20	PASS
				Peak	2349.174	-38.33	≤-21.20	PASS
				Peak	2390.000	-40.39	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-49.86	≤-41.20	PASS
				AV	2483.522	-49.86	≤-41.20	PASS
				AV	2500.000	-51.88	≤-41.20	PASS
				Peak	2483.500	-39.76	≤-21.20	PASS
				Peak	2499.942	-37.69	≤-21.20	PASS
				Peak	2500.000	-37.69	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-49.68	≤-41.20	PASS
				AV	2483.522	-49.68	≤-41.20	PASS
				AV	2500.000	-51.75	≤-41.20	PASS
				Peak	2483.500	-39.15	≤-21.20	PASS
				Peak	2484.159	-38.89	≤-21.20	PASS
				Peak	2500.000	-40.88	≤-21.20	PASS
11G	Ant1	Low	2412	AV	2310.000	-52.44	≤-41.20	PASS
				AV	2389.870	-47.36	≤-41.20	PASS
				AV	2390.000	-47.15	≤-41.20	PASS
				Peak	2310.000	-41.36	≤-21.20	PASS
				Peak	2389.870	-32.13	≤-21.20	PASS
				Peak	2390.000	-31.51	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-51.94	≤-41.20	PASS
				AV	2389.870	-47.11	≤-41.20	PASS
				AV	2390.000	-46.87	≤-41.20	PASS
				Peak	2310.000	-42.08	≤-21.20	PASS
				Peak	2389.870	-29.94	≤-21.20	PASS
				Peak	2390.000	-29.3	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-46.93	≤-41.20	PASS
				AV	2483.522	-46.93	≤-41.20	PASS
				AV	2500.000	-51.38	≤-41.20	PASS
				Peak	2483.500	-26.95	≤-21.20	PASS

11N20MIM O	Ant2	High	2462	Peak	2483.522	-26.95	≤-21.20	PASS
				Peak	2500.000	-40.26	≤-21.20	PASS
				AV	2483.500	-45.61	≤-41.20	PASS
				AV	2483.522	-45.61	≤-41.20	PASS
				AV	2500.000	-50.43	≤-41.20	PASS
				Peak	2483.500	-26.17	≤-21.20	PASS
				Peak	2483.681	-26.15	≤-21.20	PASS
				Peak	2500.000	-39.68	≤-21.20	PASS
	Ant1	Low	2412	AV	2310.000	-52.19	≤-41.20	PASS
				AV	2389.870	-46.65	≤-41.20	PASS
				AV	2390.000	-46.56	≤-41.20	PASS
				Peak	2310.000	-41.75	≤-21.20	PASS
				Peak	2389.870	-28.72	≤-21.20	PASS
				Peak	2390.000	-27.55	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-51.93	≤-41.20	PASS
				AV	2389.870	-47.38	≤-41.20	PASS
				AV	2390.000	-47.32	≤-41.20	PASS
				Peak	2310.000	-42.88	≤-21.20	PASS
				Peak	2389.870	-29.55	≤-21.20	PASS
				Peak	2390.000	-29.11	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-49.05	≤-41.20	PASS
				AV	2389.870	-43.99	≤-41.20	PASS
				AV	2390.000	-43.91	≤-41.20	PASS
				Peak	2310.000	-39.27	≤-21.20	PASS
				Peak	2389.870	-26.10	≤-21.20	PASS
				Peak	2390.000	-25.25	≤-21.20	PASS
11N40MIM	Ant1	High	2462	AV	2483.500	-44.79	≤-41.20	PASS
				AV	2483.522	-44.79	≤-41.20	PASS
				AV	2500.000	-51.34	≤-41.20	PASS
				Peak	2483.500	-27.82	≤-21.20	PASS
				Peak	2483.522	-27.82	≤-21.20	PASS
				Peak	2500.000	-38.86	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-46.03	≤-41.20	PASS
				AV	2483.522	-46.03	≤-41.20	PASS
				AV	2500.000	-51.5	≤-41.20	PASS
				Peak	2483.500	-23.35	≤-21.20	PASS
				Peak	2483.522	-23.35	≤-21.20	PASS
				Peak	2500.000	-39.56	≤-21.20	PASS
	total	High	2462	AV	2483.500	-42.36	≤-41.20	PASS
				AV	2483.522	-42.36	≤-41.20	PASS
				AV	2500.000	-48.41	≤-41.20	PASS
				Peak	2483.500	-22.02	≤-21.20	PASS
				Peak	2483.522	-22.02	≤-21.20	PASS
				Peak	2500.000	-36.19	≤-21.20	PASS
11N40MIM	Ant1	Low	2422	AV	2310.000	-51.83	≤-41.20	PASS

O				AV	2389.870	-48.26	≤-41.20	PASS
				AV	2390.000	-48.02	≤-41.20	PASS
				Peak	2310.000	-42.14	≤-21.20	PASS
				Peak	2389.116	-34.57	≤-21.20	PASS
				Peak	2390.000	-37.2	≤-21.20	PASS
	Ant2	Low	2422	AV	2310.000	-51.51	≤-41.20	PASS
				AV	2388.362	-48.99	≤-41.20	PASS
				AV	2390.000	-49.16	≤-41.20	PASS
				Peak	2310.000	-42.32	≤-21.20	PASS
				Peak	2387.986	-33.99	≤-21.20	PASS
				Peak	2390.000	-36.56	≤-21.20	PASS
	total	Low	2422	AV	2310.000	-48.66	≤-41.20	PASS
				AV	2388.362	-45.60	≤-41.20	PASS
				AV	2390.000	-45.54	≤-41.20	PASS
				Peak	2310.000	-39.22	≤-21.20	PASS
				Peak	2387.986	-31.26	≤-21.20	PASS
				Peak	2390.000	-33.86	≤-21.20	PASS
	Ant1	High	2452	AV	2483.500	-47.62	≤-41.20	PASS
				AV	2483.522	-47.62	≤-41.20	PASS
				AV	2500.000	-50.82	≤-41.20	PASS
				Peak	2483.500	-33.89	≤-21.20	PASS
				Peak	2484.478	-30.93	≤-21.20	PASS
				Peak	2500.000	-39.82	≤-21.20	PASS
	Ant2	High	2452	AV	2483.500	-48.51	≤-41.20	PASS
				AV	2484.797	-48.17	≤-41.20	PASS
				AV	2500.000	-51.13	≤-41.20	PASS
				Peak	2483.500	-34.44	≤-21.20	PASS
				Peak	2484.797	-31.53	≤-21.20	PASS
				Peak	2500.000	-40.34	≤-21.20	PASS
	total	High	2452	AV	2483.500	-45.03	≤-41.20	PASS
				AV	2484.797	-44.88	≤-41.20	PASS
				AV	2500.000	-47.96	≤-41.20	PASS
				Peak	2483.500	-31.15	≤-21.20	PASS
				Peak	2484.797	-28.21	≤-21.20	PASS
				Peak	2500.000	-37.06	≤-21.20	PASS

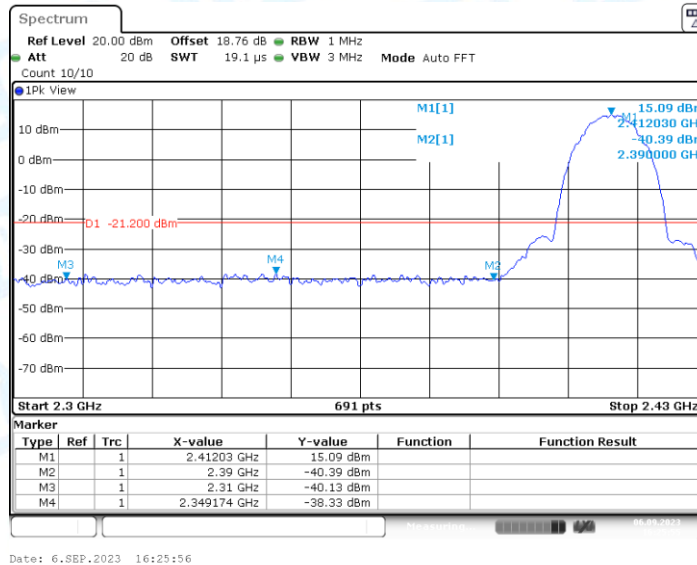
Note:

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). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

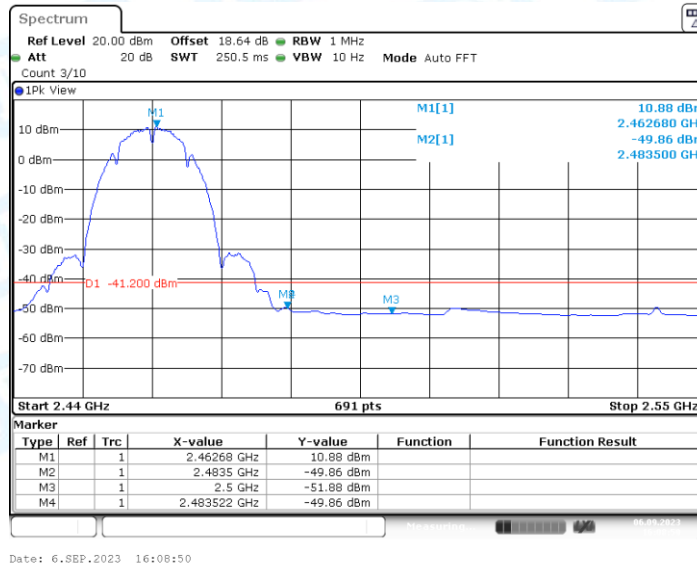
8.2. Test Graphs



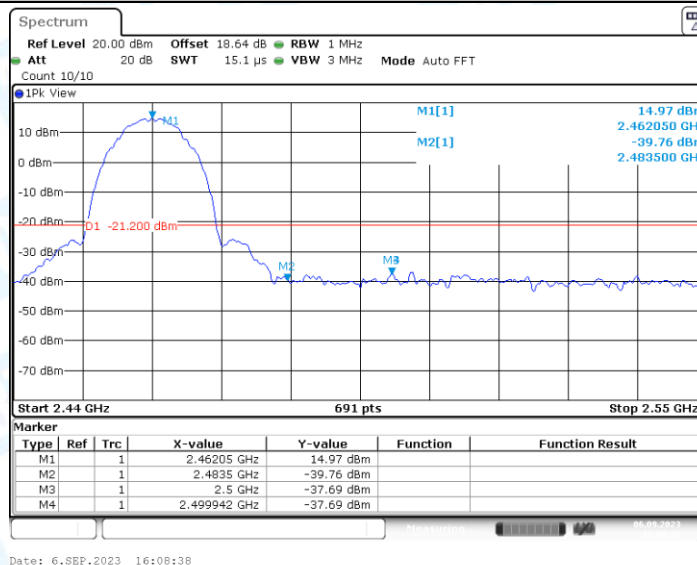
11B_Ant2_Low_2412_Peak



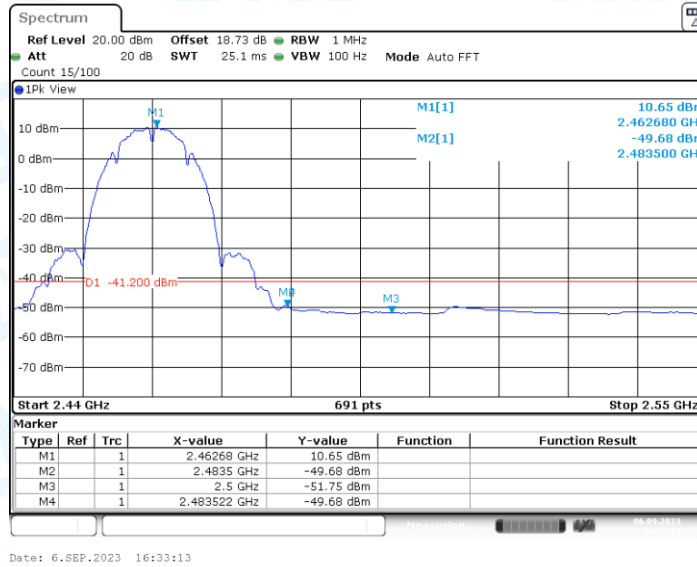
11B_Ant1_High_2462_AV



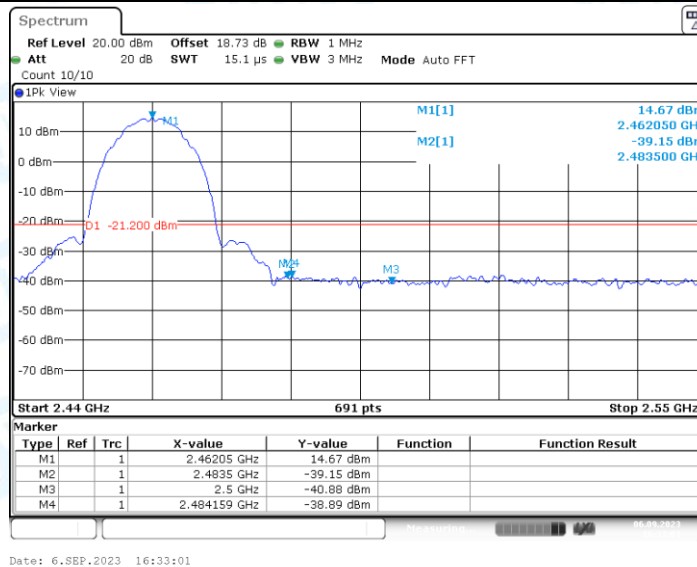
11B_Ant1_High_2462_Peak



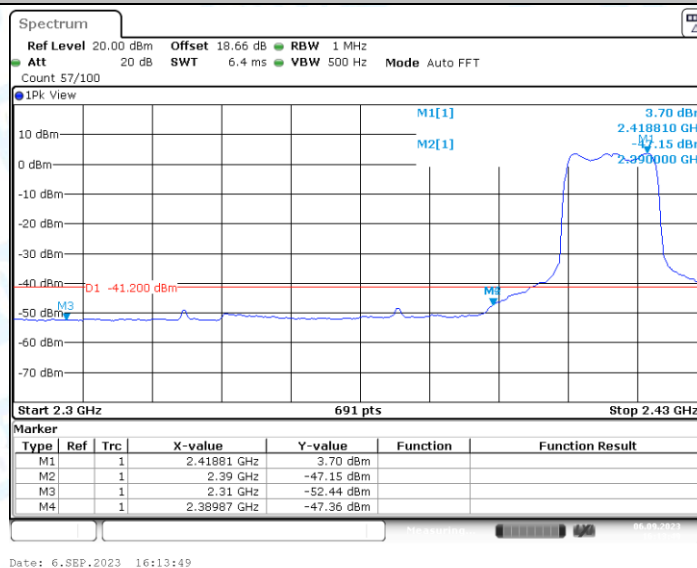
11B_Ant2_High_2462_AV



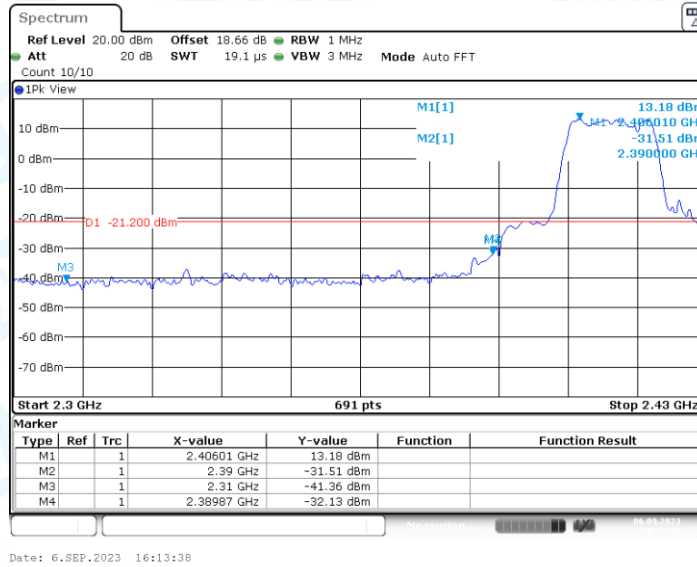
11B_Ant2_High_2462_Peak



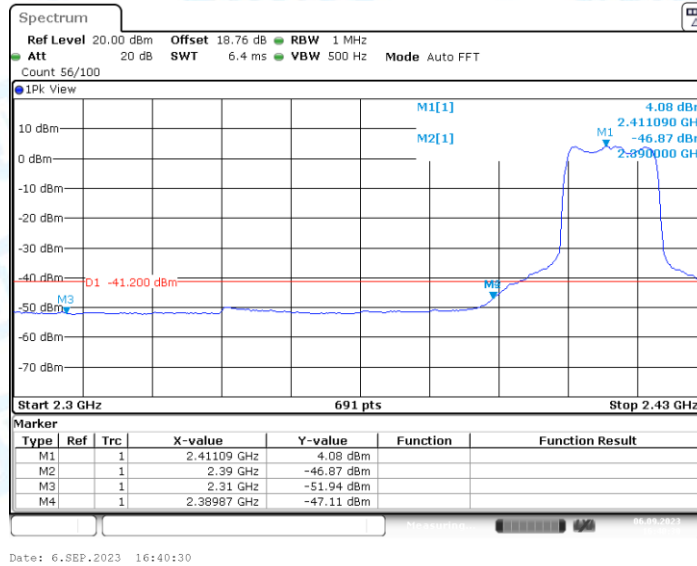
11G_Ant1_Low_2412_AV



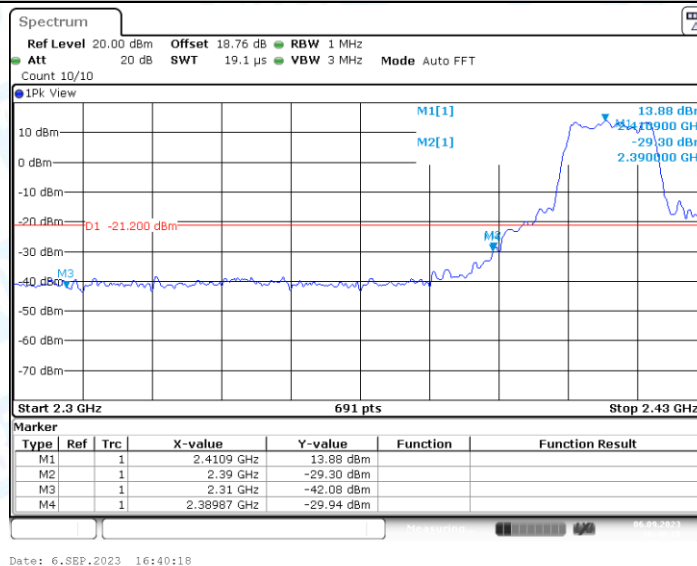
11G_Ant1_Low_2412_Peak



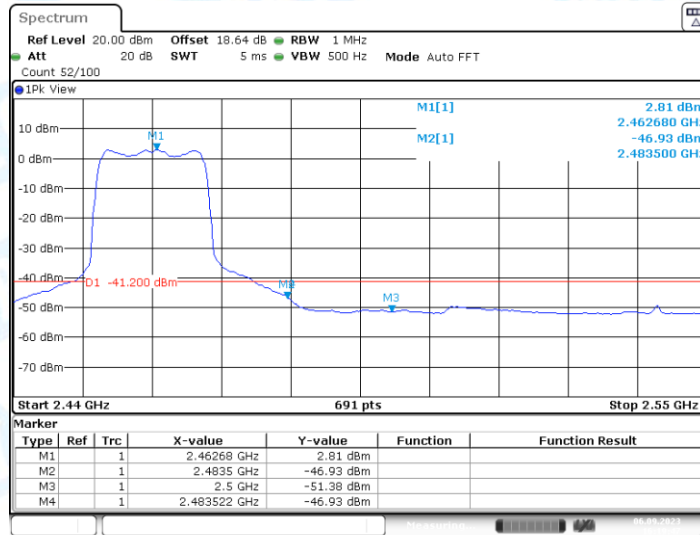
11G_Ant2_Low_2412_AV



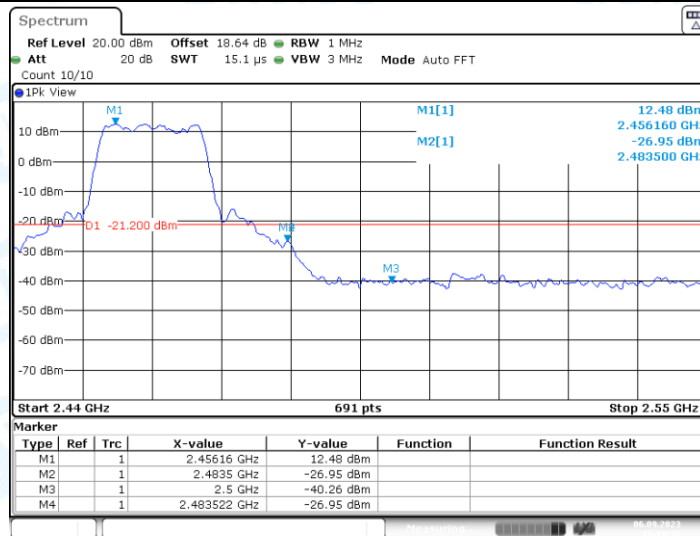
11G_Ant2_Low_2412_Peak



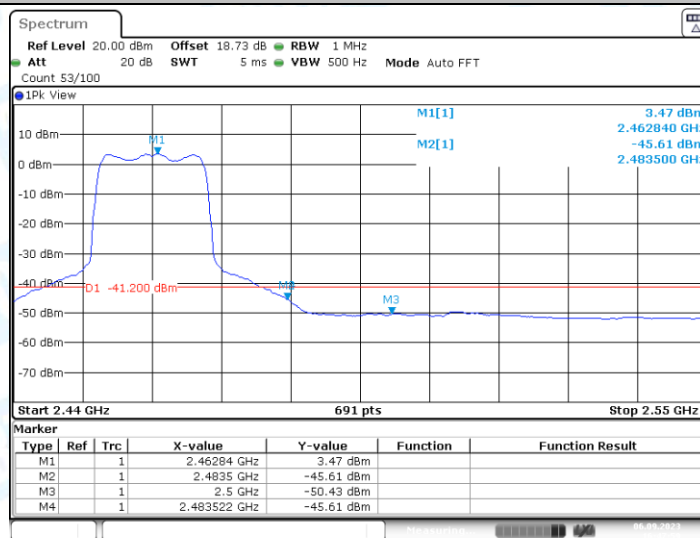
11G_Ant1_High_2462_AV



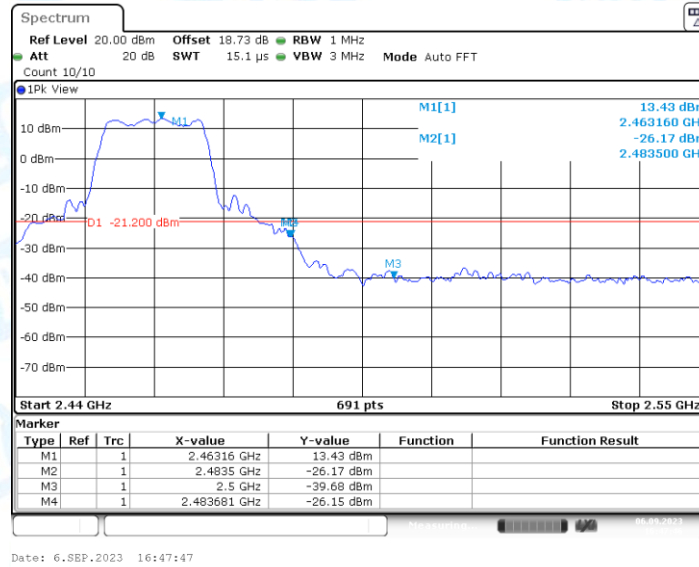
11G_Ant1_High_2462_Peak



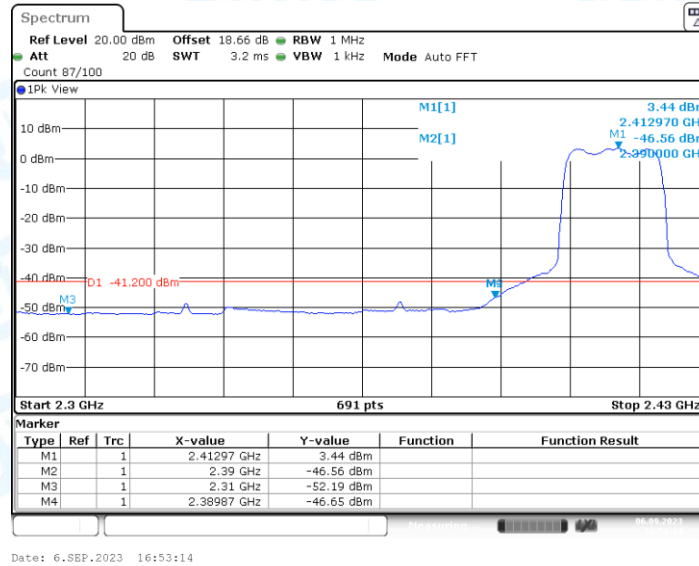
11G_Ant2_High_2462_AV



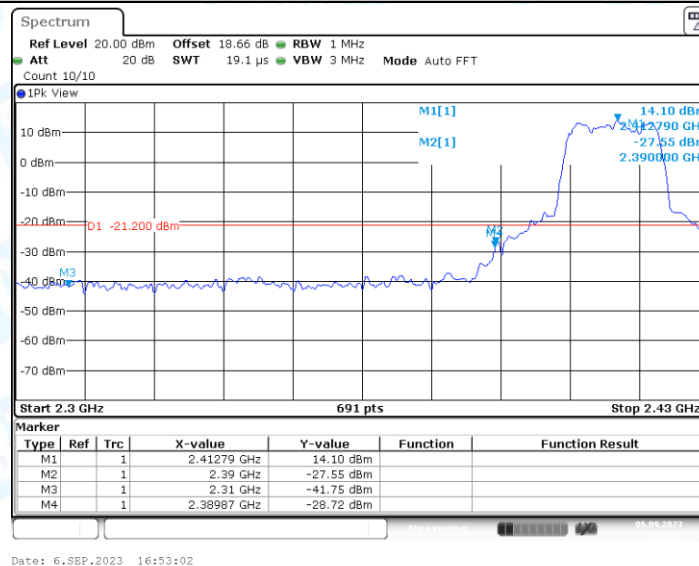
11G_Ant2_High_2462_Peak



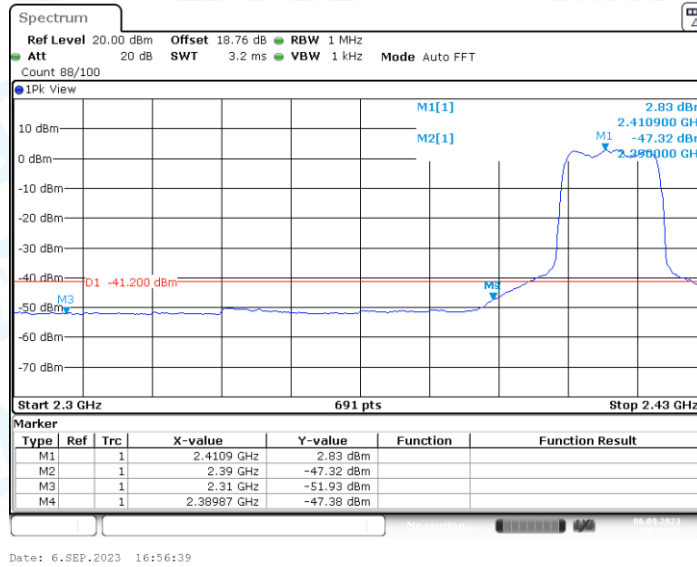
11N20MIMO_Ant1_Low_2412_AV



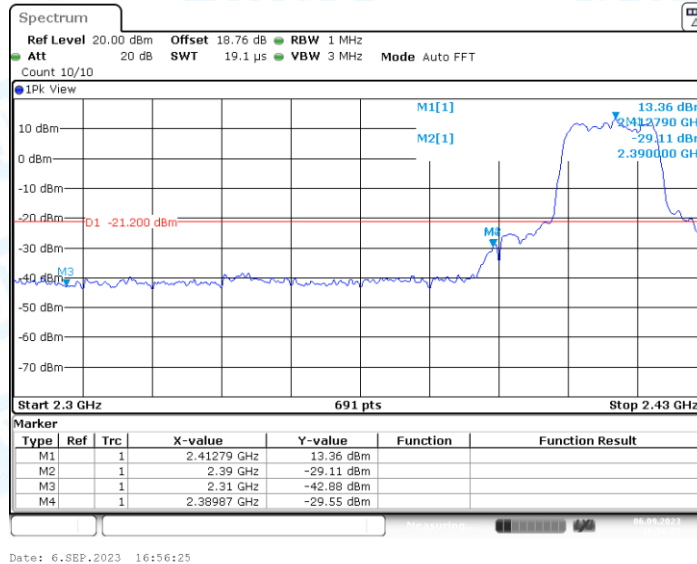
11N20MIMO_Ant1_Low_2412_Peak



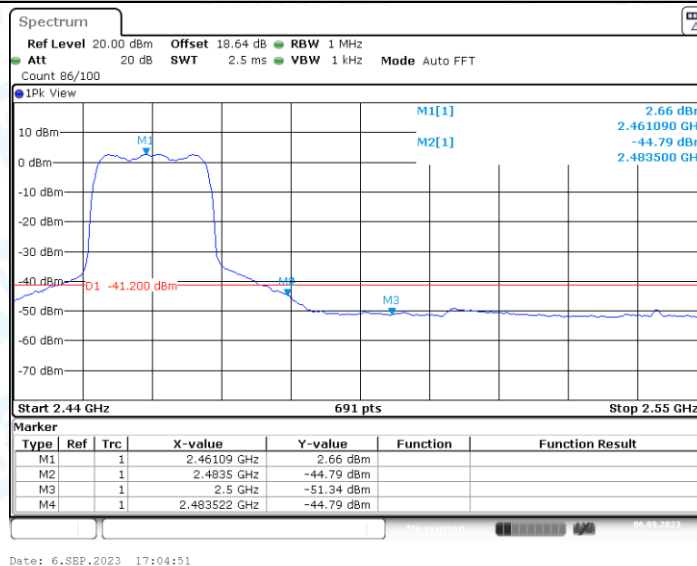
11N20MIMO_Ant2_Low_2412_AV



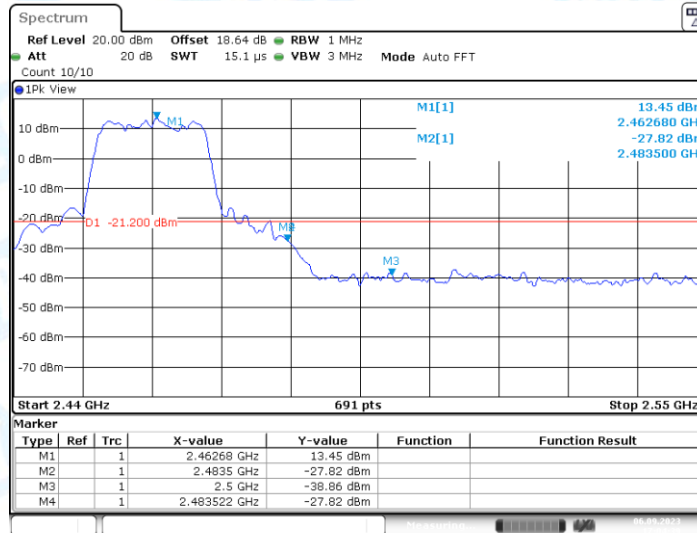
11N20MIMO_Ant2_Low_2412_Peak



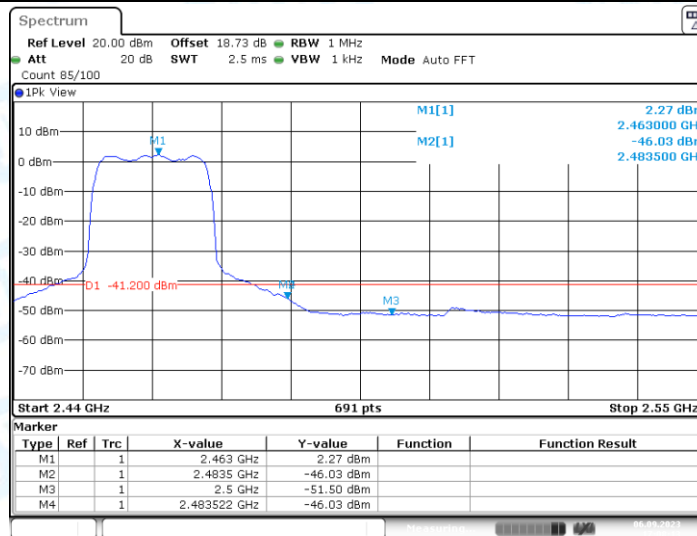
11N20MIMO_Ant1_High_2462_AV



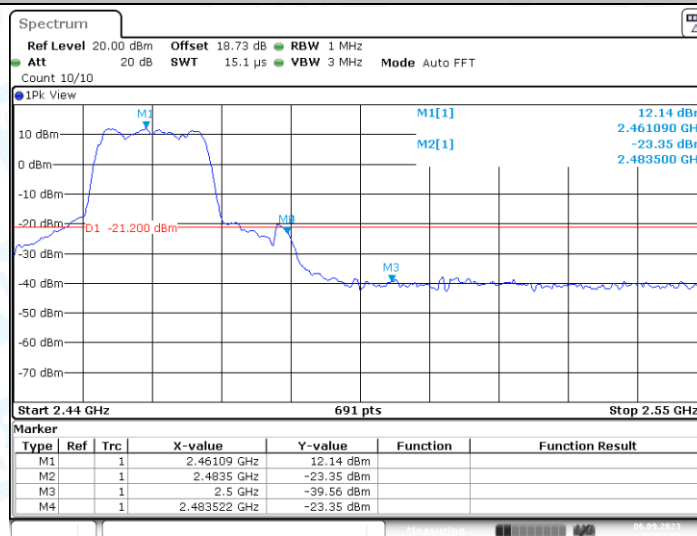
11N20MIMO_Ant1_High_2462_Peak



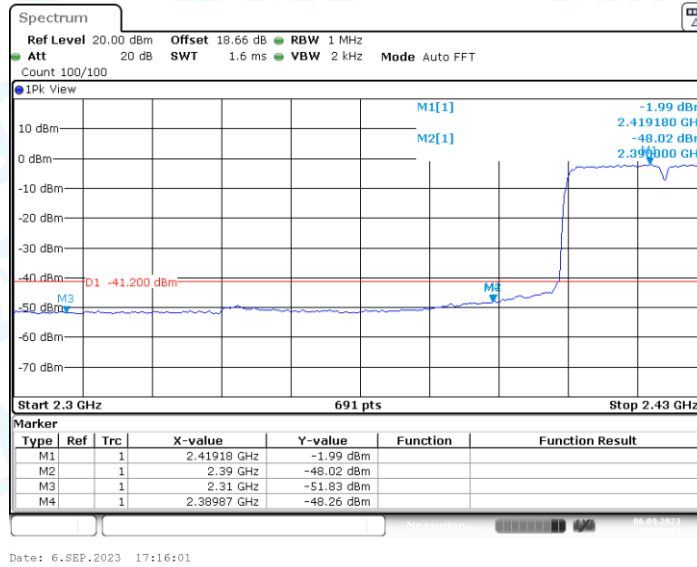
11N20MIMO_Ant2_High_2462_AV



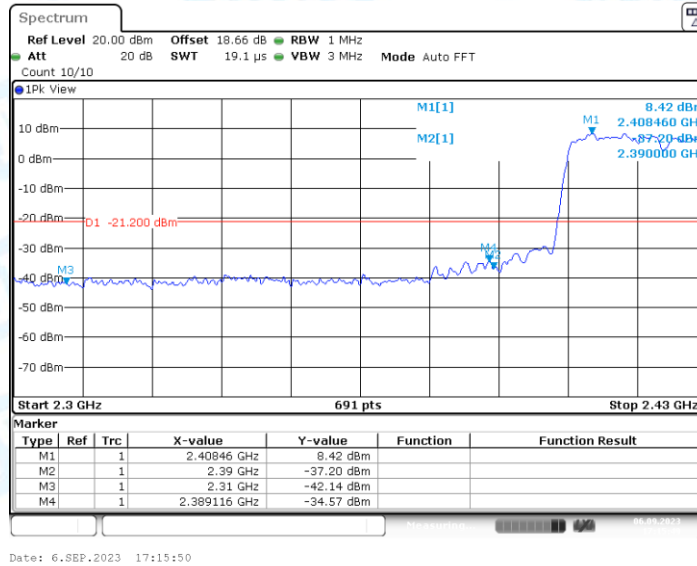
11N20MIMO_Ant2_High_2462_Peak



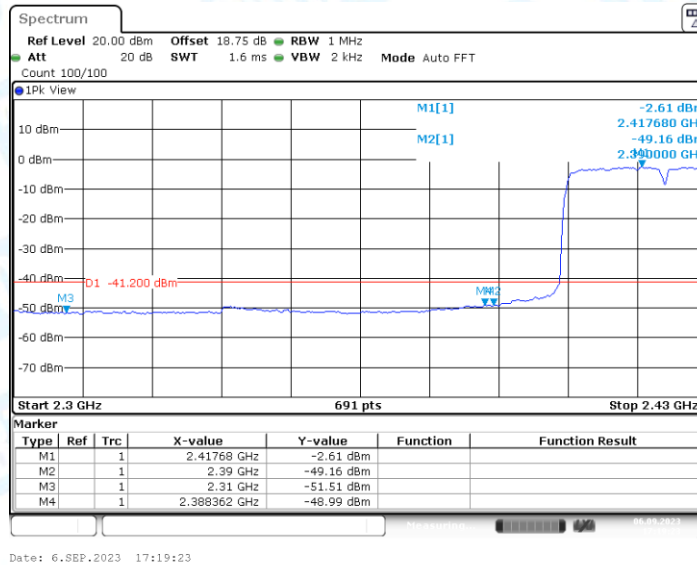
11N40MIMO_Ant1_Low_2422_AV



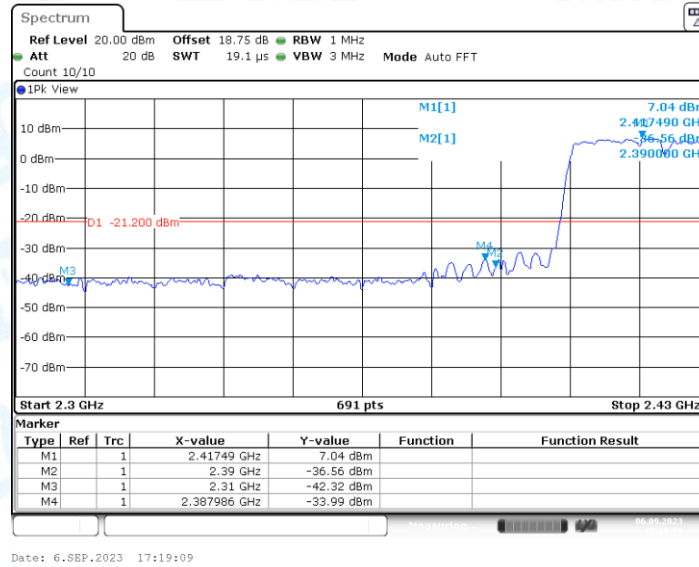
11N40MIMO_Ant1_Low_2422_Peak



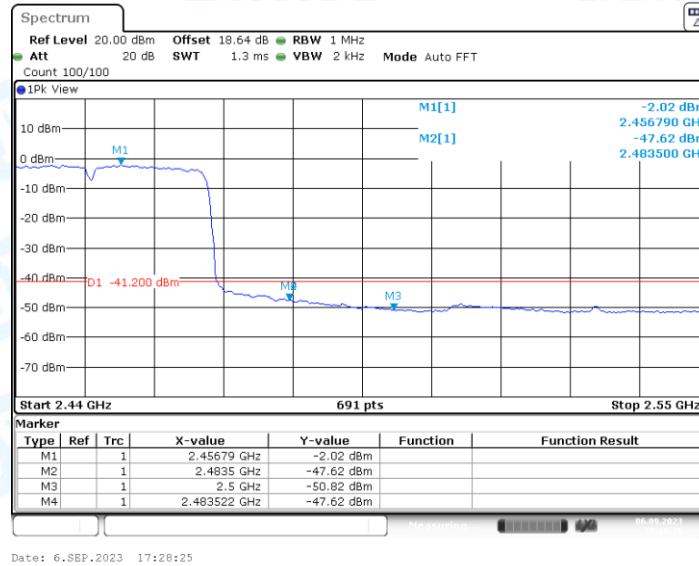
11N40MIMO_Ant2_Low_2422_AV



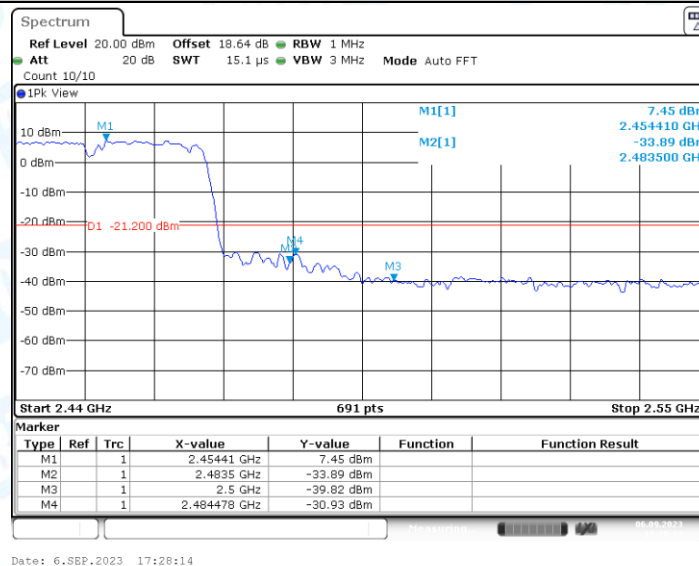
11N40MIMO_Ant2_Low_2422_Peak



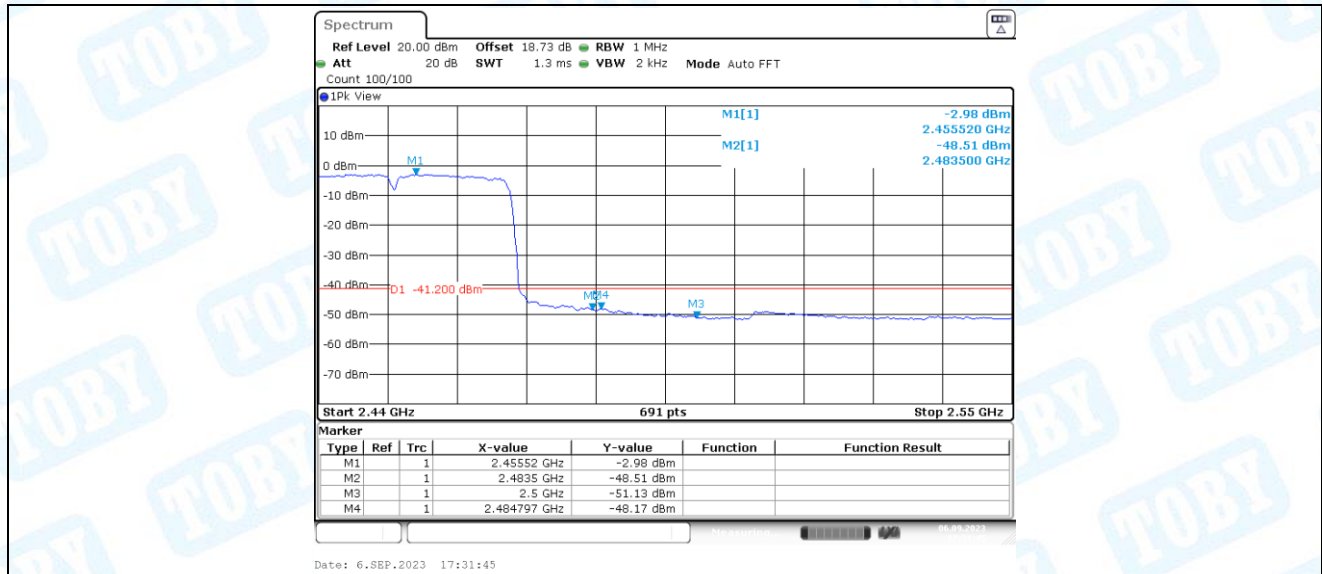
11N40MIMO_Ant1_High_2452_AV



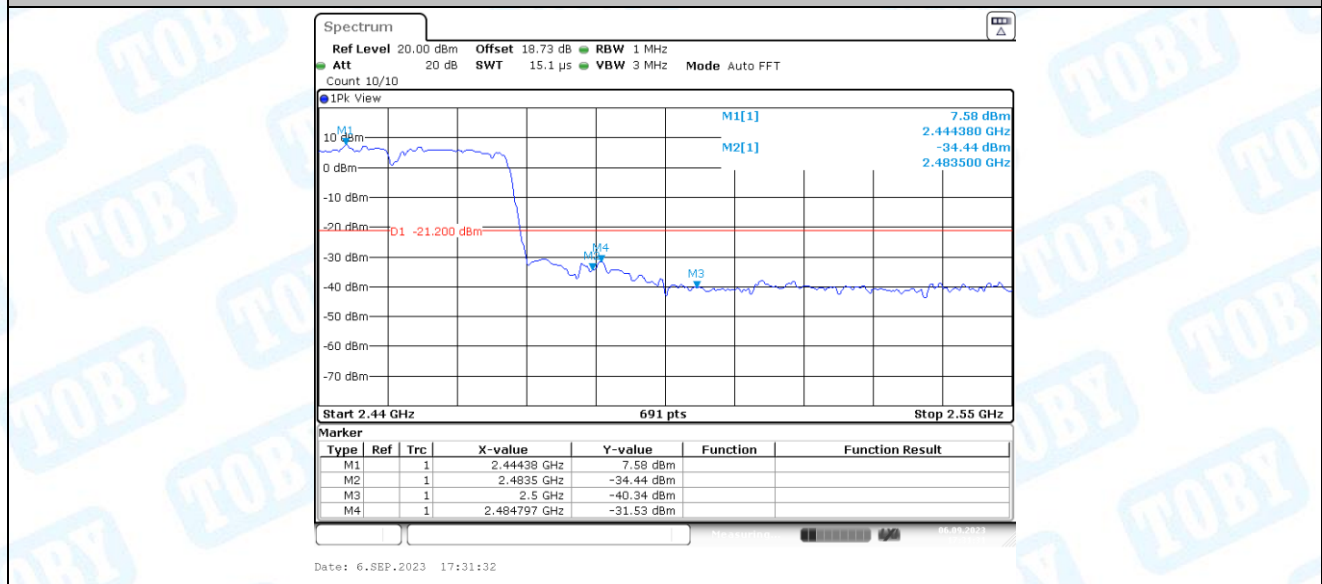
11N40MIMO_Ant1_High_2452_Peak



11N40MIMO_Ant2_High_2452_AV



11N40MIMO_Ant2_High_2452_Peak



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