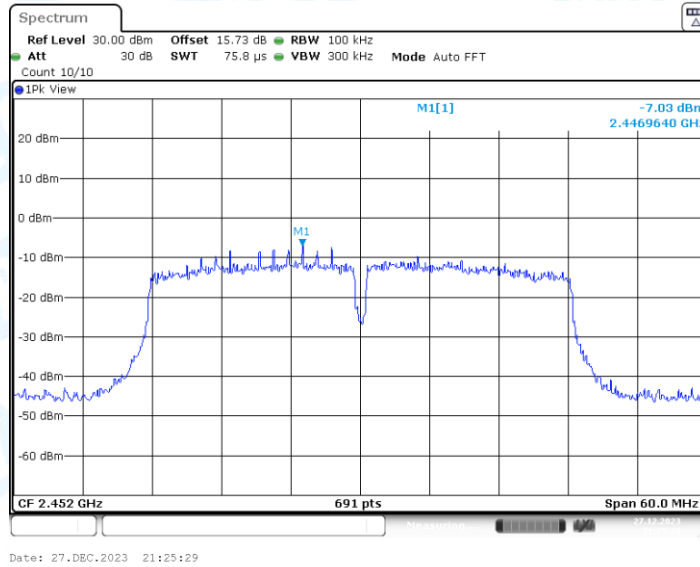
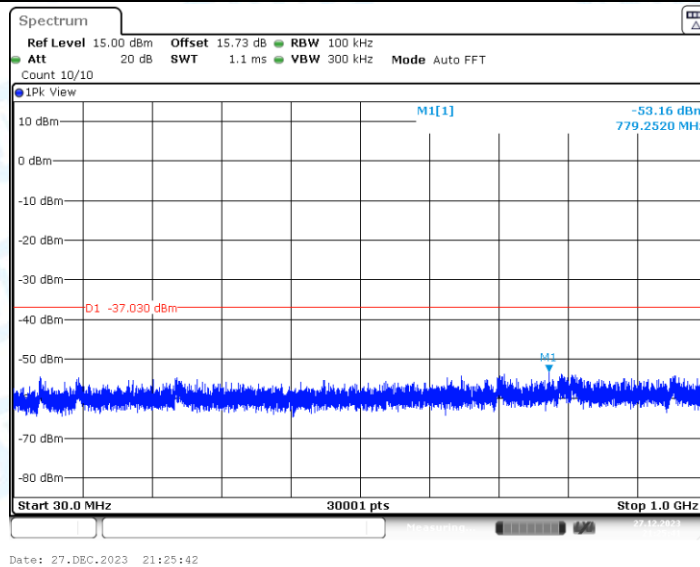
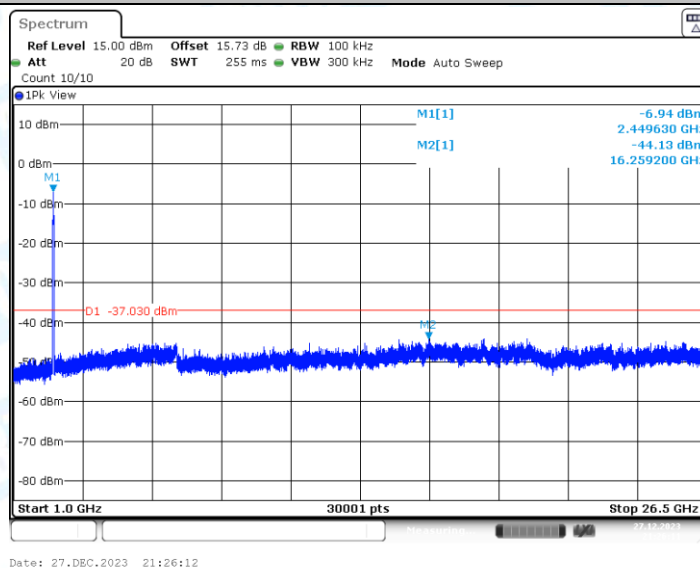




11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500

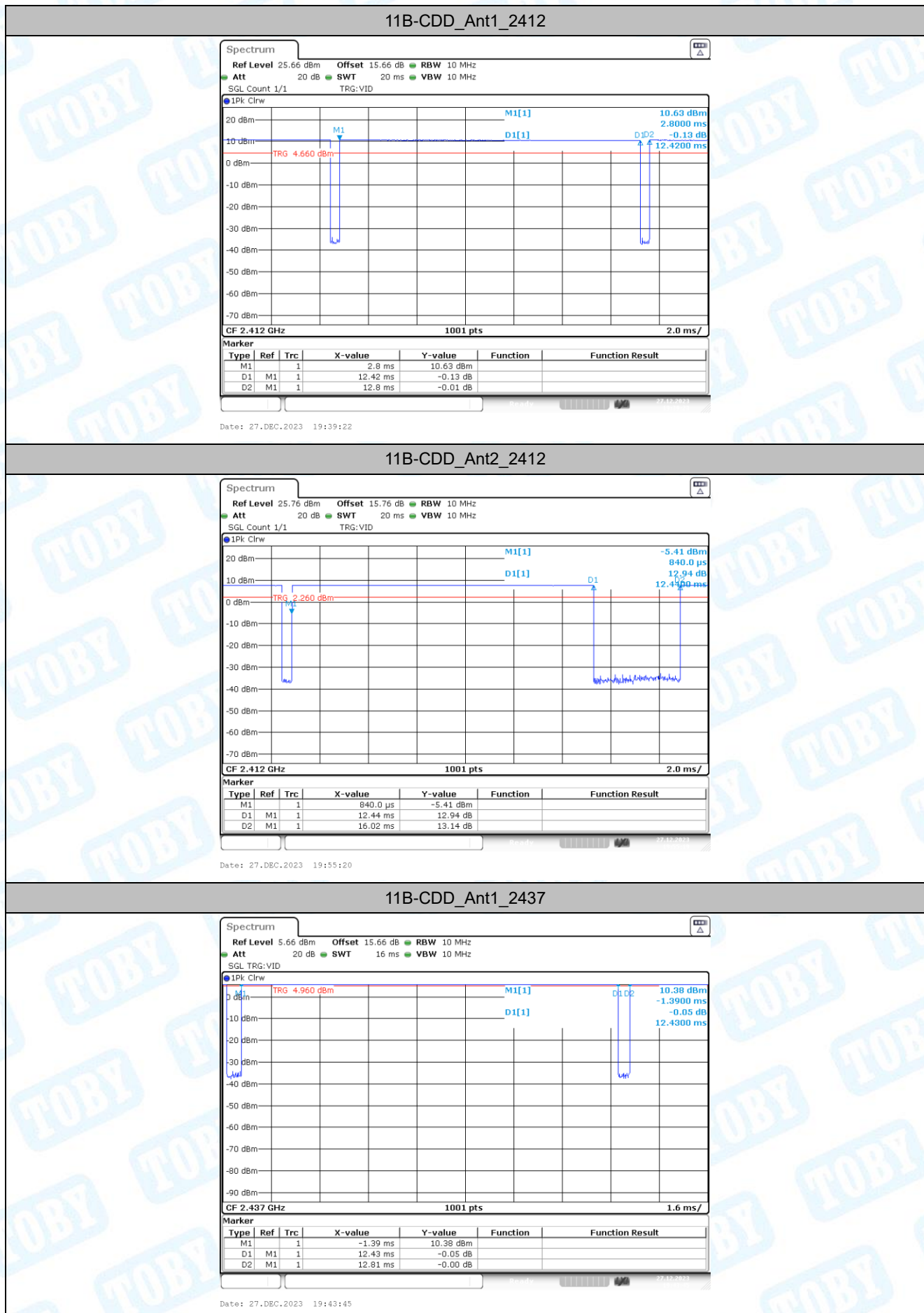


7. Duty Cycle

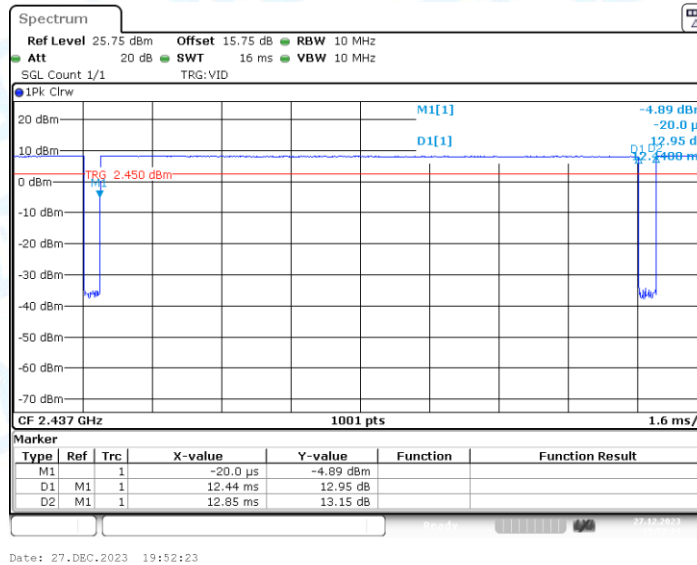
7.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [kHz]	Limit	Verdict
11B-CDD	Ant1	2412	12.42	12.80	97.03	0.080515	---	---
	Ant2	2412	12.44	16.02	77.65	0.080386	---	---
	Ant1	2437	12.43	12.81	97.03	0.080451	---	---
	Ant2	2437	12.44	12.85	96.81	0.080386	---	---
	Ant1	2462	12.43	12.87	96.58	0.080451	---	---
	Ant2	2462	12.42	12.91	96.20	0.080515	---	---
11G-CDD	Ant1	2412	2.06	2.22	92.79	0.485437	---	---
	Ant2	2412	2.07	2.27	91.19	0.483092	---	---
	Ant1	2437	2.06	2.27	90.75	0.485437	---	---
	Ant2	2437	2.06	2.27	90.75	0.485437	---	---
	Ant1	2462	2.06	2.28	90.35	0.485437	---	---
	Ant2	2462	2.06	2.28	90.35	0.485437	---	---
11N20MIMO	Ant1	2412	1.92	2.12	90.57	0.520833	---	---
	Ant2	2412	1.93	2.12	91.04	0.518135	---	---
	Ant1	2437	1.92	2.14	89.72	0.520833	---	---
	Ant2	2437	1.92	2.12	90.57	0.520833	---	---
	Ant1	2462	1.92	2.09	91.87	0.520833	---	---
	Ant2	2462	1.92	2.14	89.72	0.520833	---	---
11N40MIMO	Ant1	2422	0.94	1.16	81.03	1.06383	---	---
	Ant2	2422	0.94	1.17	80.34	1.06383	---	---
	Ant1	2437	0.94	1.14	82.46	1.06383	---	---
	Ant2	2437	0.94	1.23	76.42	1.06383	---	---
	Ant1	2452	0.95	1.17	81.20	1.052632	---	---
	Ant2	2452	0.94	1.24	75.81	1.06383	---	---

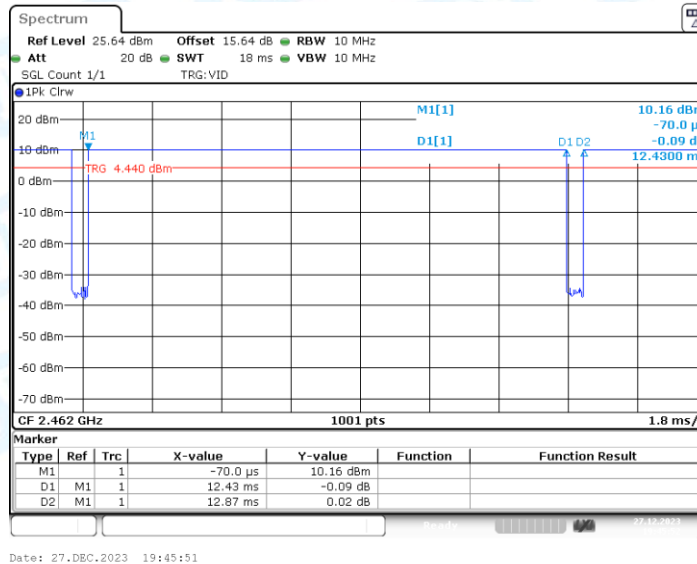
7.2. Test Graphs



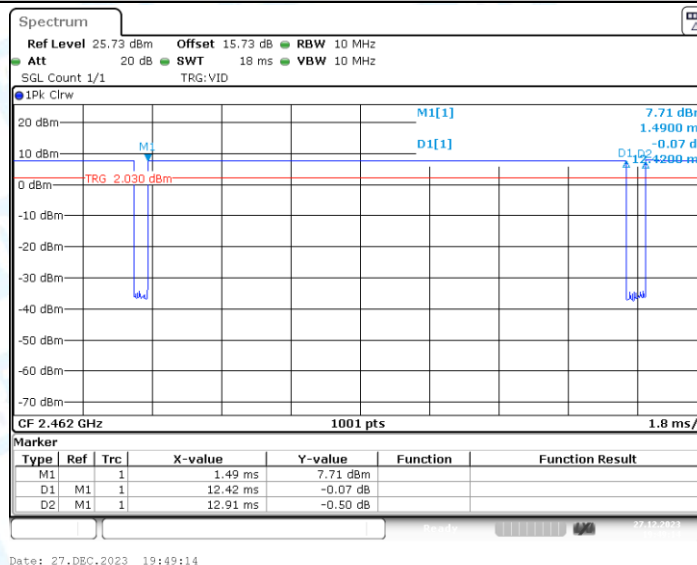
11B-CDD_Ant2_2437



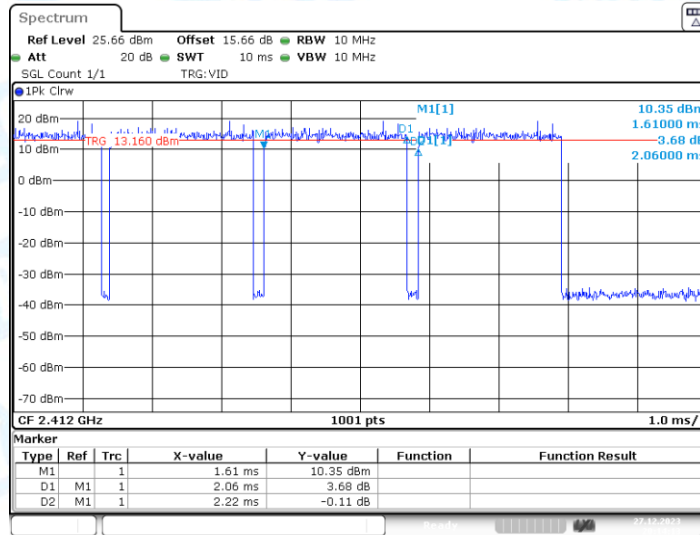
11B-CDD_Ant1_2462



11B-CDD_Ant2_2462

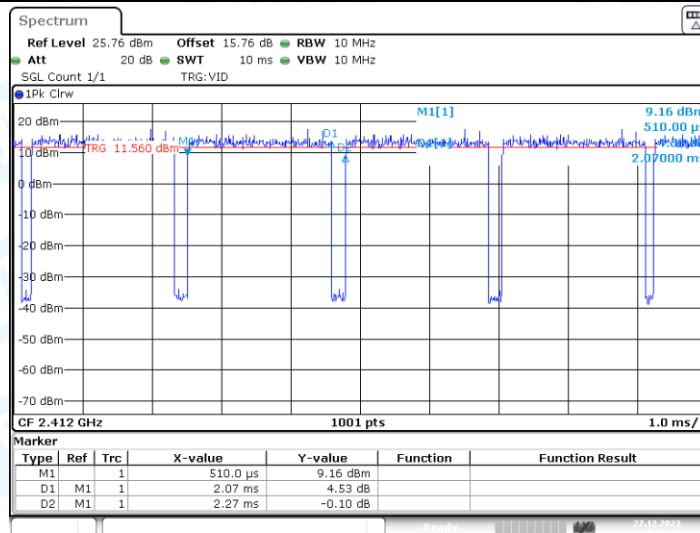


11G-CDD_Ant1_2412



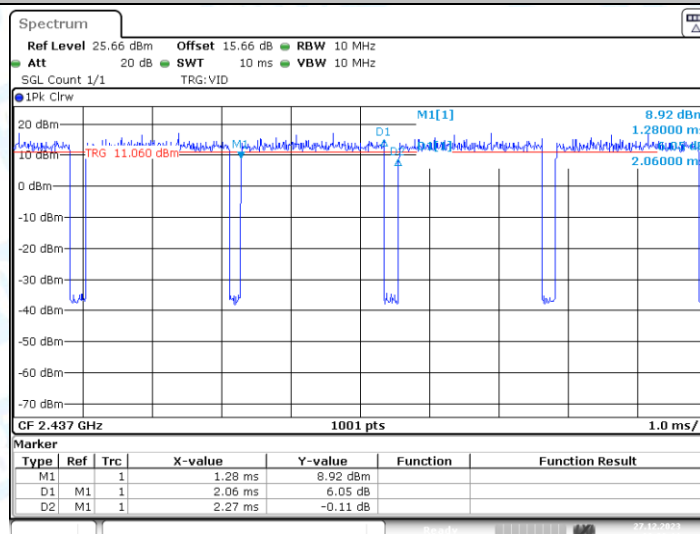
Date: 27.DEC.2023 20:14:13

11G-CDD_Ant2_2412



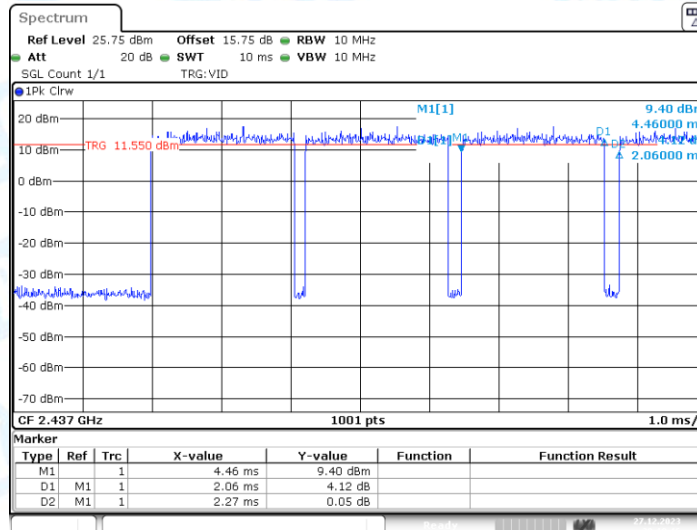
Date: 27.DEC.2023 20:15:23

11G-CDD_Ant1_2437



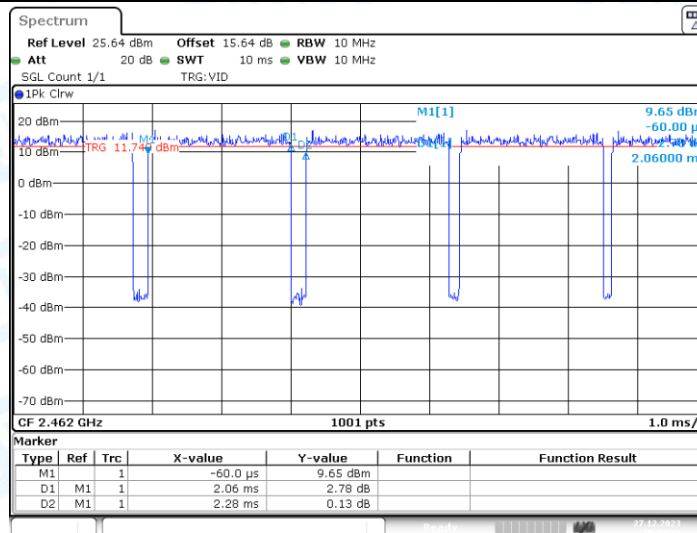
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11G-CDD_Ant2_2437



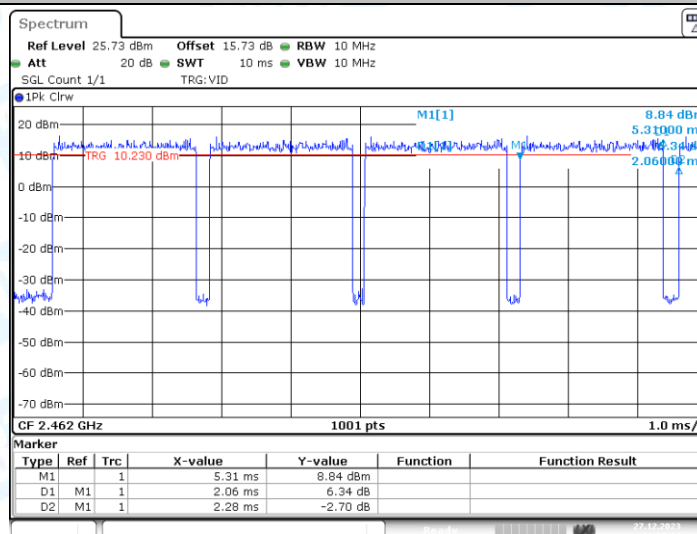
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11G-CDD_Ant1_2462



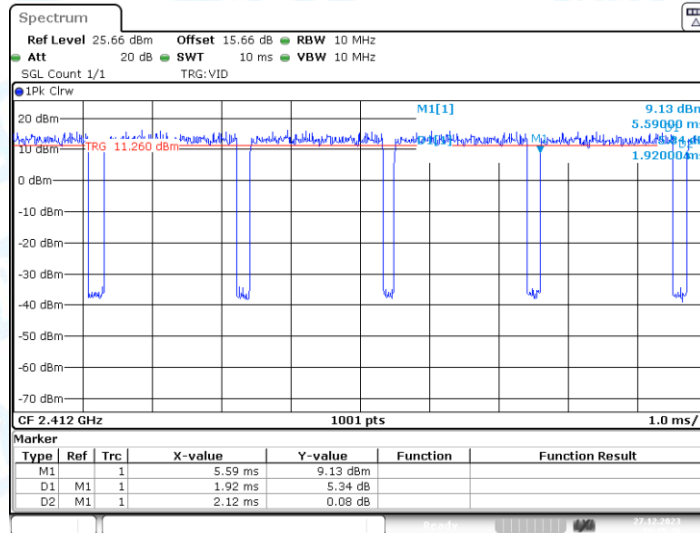
Date: 27.DEC.2023 20:24:12

11G-CDD_Ant2_2462



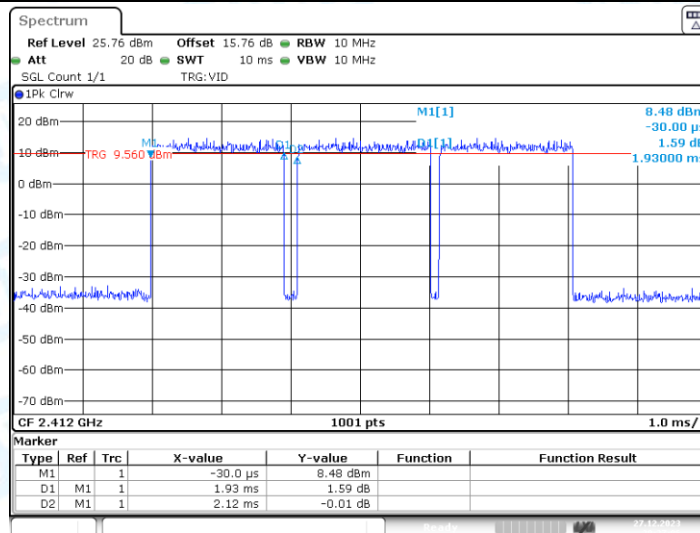
Date: 27.DEC.2023 20:27:04

11N20MIMO_Ant1_2412



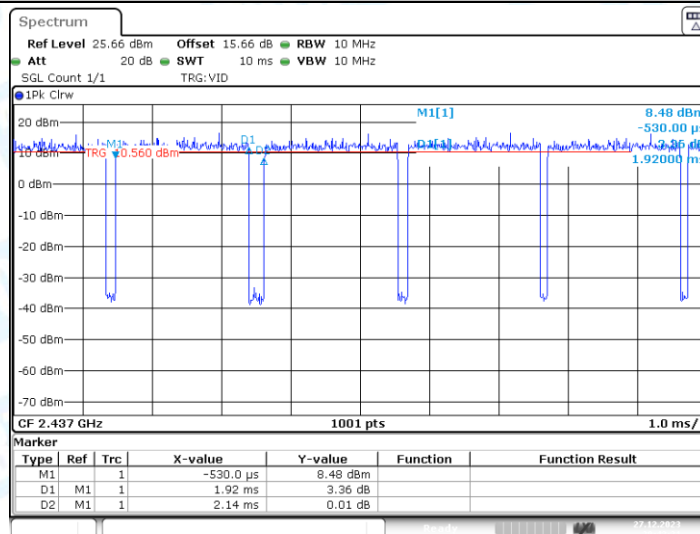
Date: 27.DEC.2023 20:35:37

11N20MIMO_Ant2_2412



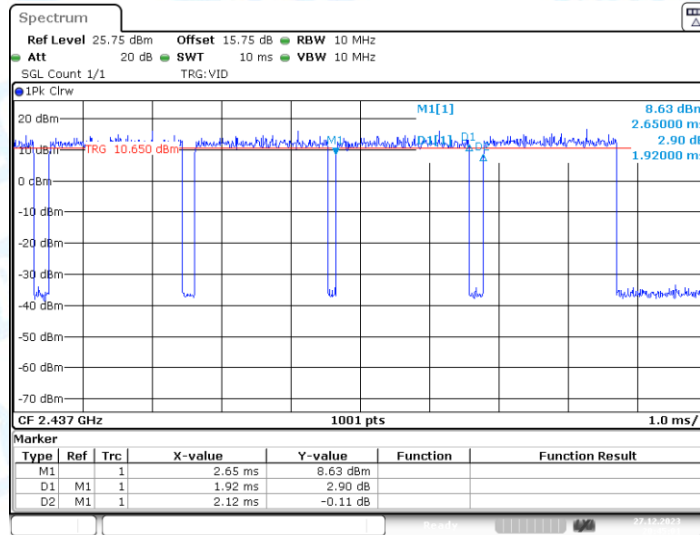
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11N20MIMO_Ant1_2437

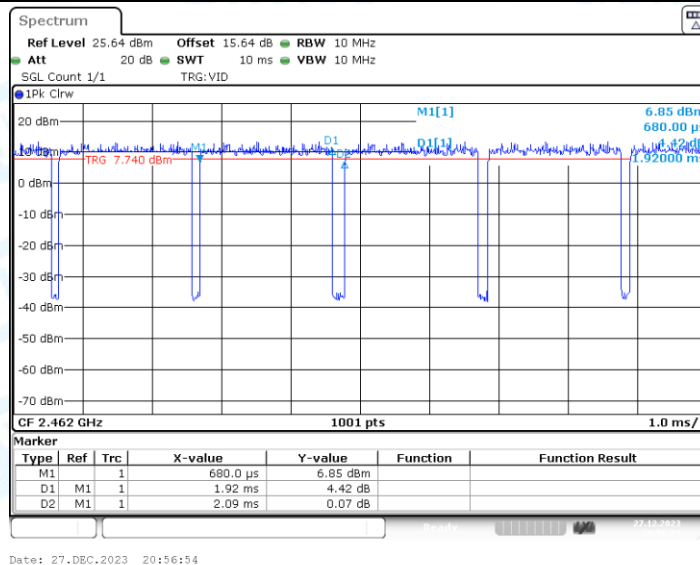


Date: 27.DEC.2023 20:43:20

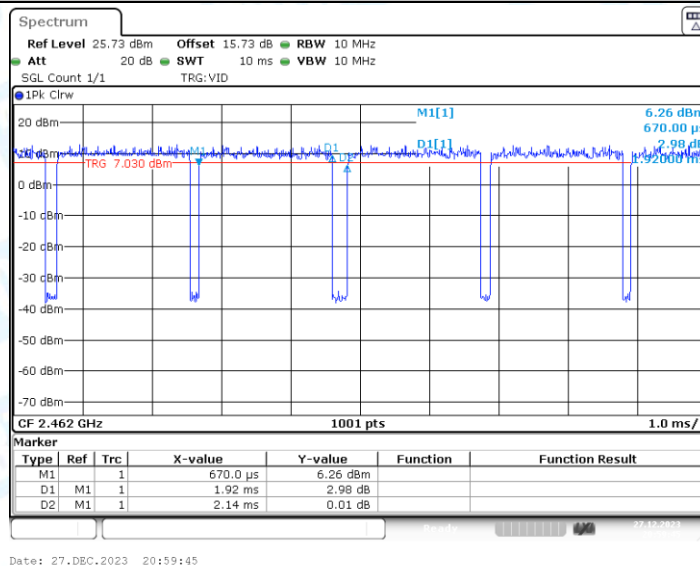
11N20MIMO_Ant2_2437



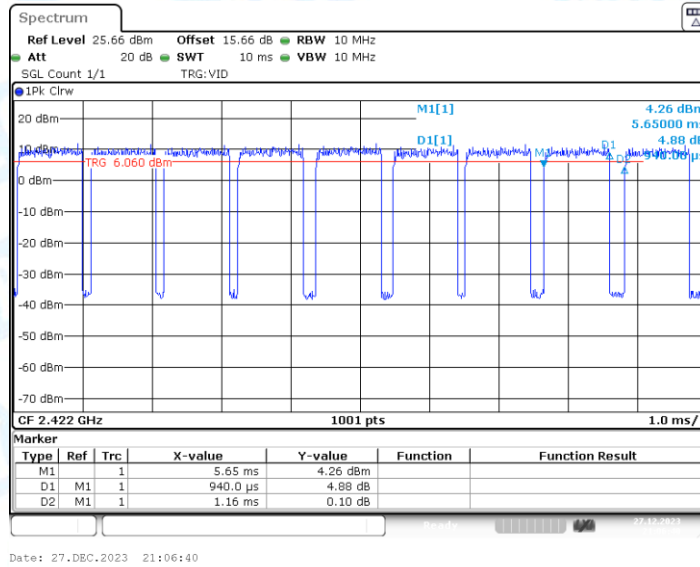
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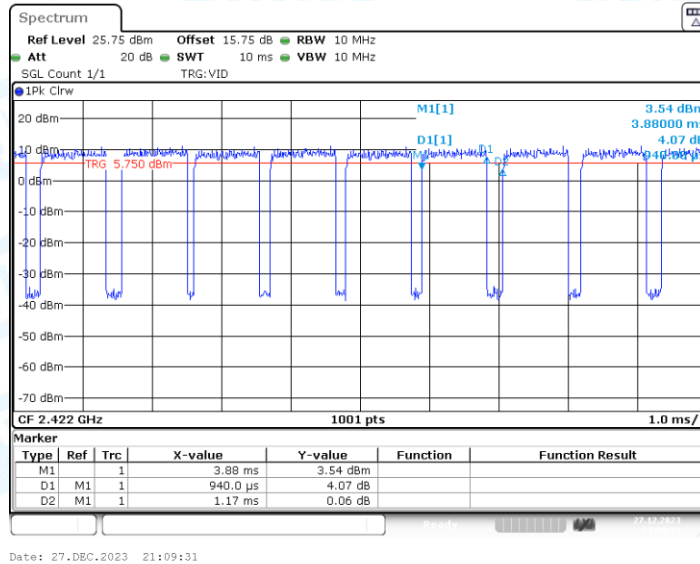
11N20MIMO_Ant2_2462



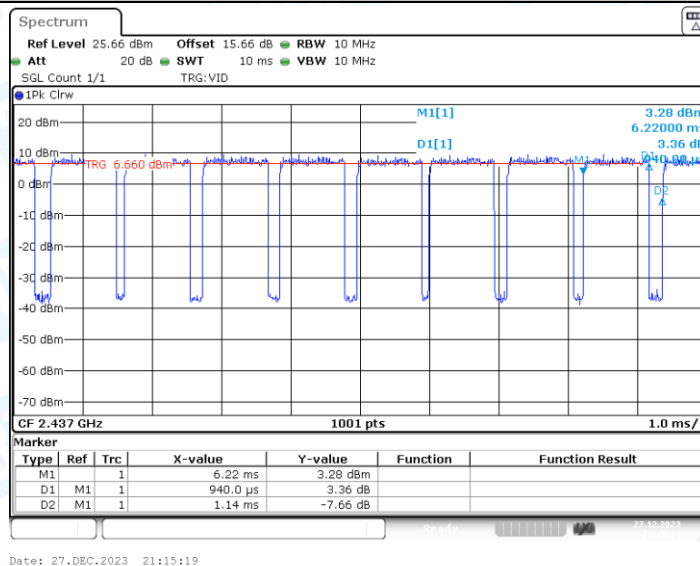
11N40MIMO_Ant1_2422



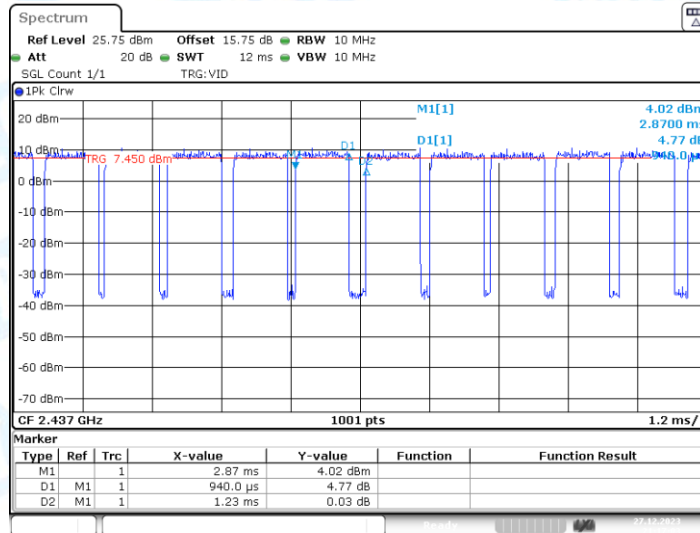
11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437

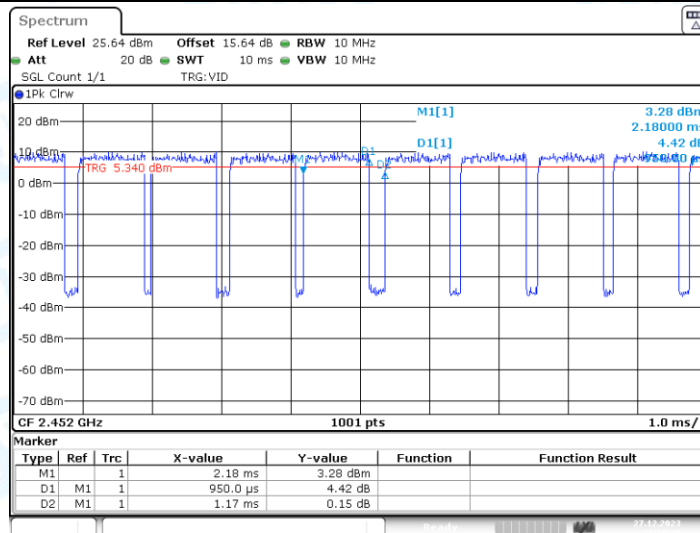


11N40MIMO_Ant2_2437



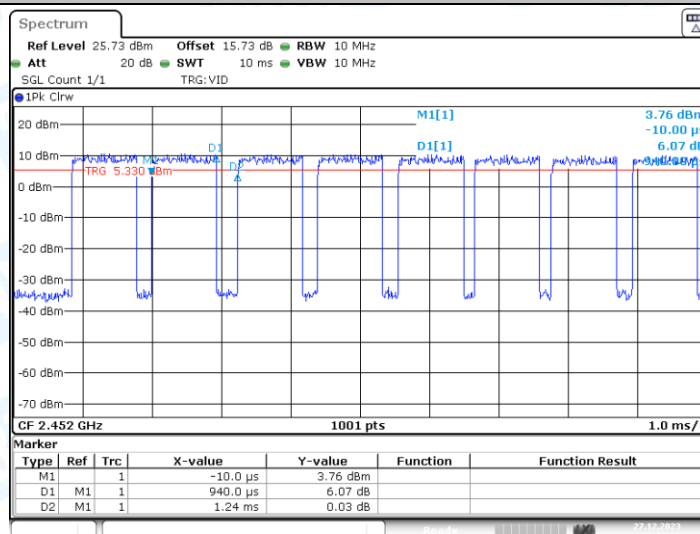
Date: 27.DEC.2023 21:17:03

11N40MIMO_Ant1_2452



Date: 27.DEC.2023 21:20:38

11N40MIMO_Ant2_2452



Date: 27.DEC.2023 21:23:28

8. Emissions in Restricted Bands

8.1. Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	Low	2412	AV	2310.000	-52.56	≤-41.20	PASS
				AV	2341.072	-49.08	≤-41.20	PASS
				AV	2390.000	-52.22	≤-41.20	PASS
				Peak	2310.000	-33.48	≤-21.20	PASS
				Peak	2342.580	-30.2	≤-21.20	PASS
				Peak	2390.000	-32.73	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-53.46	≤-41.20	PASS
				AV	2368.391	-49.02	≤-41.20	PASS
				AV	2390.000	-50.73	≤-41.20	PASS
				Peak	2310.000	-33.65	≤-21.20	PASS
				Peak	2346.536	-31.22	≤-21.20	PASS
				Peak	2390.000	-34.3	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-49.98	≤-41.20	PASS
				AV	2368.391	-46.04	≤-41.20	PASS
				AV	2390.000	-48.40	≤-41.20	PASS
				Peak	2310.000	-30.55	≤-21.20	PASS
				Peak	2346.536	-27.67	≤-21.20	PASS
				Peak	2390.000	-30.43	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-52.23	≤-41.20	PASS
				AV	2487.826	-50.74	≤-41.20	PASS
				AV	2500.000	-52.35	≤-41.20	PASS
				Peak	2483.500	-32.59	≤-21.20	PASS
				Peak	2493.246	-31.46	≤-21.20	PASS
				Peak	2500.000	-32.68	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-50.7	≤-41.20	PASS
				AV	2494.043	-49.61	≤-41.20	PASS
				AV	2500.000	-52.25	≤-41.20	PASS
				Peak	2483.500	-32.17	≤-21.20	PASS
				Peak	2499.464	-30.64	≤-21.20	PASS
				Peak	2500.000	-31.3	≤-21.20	PASS
	total	High	2462	AV	2483.500	-48.39	≤-41.20	PASS
				AV	2494.043	-47.13	≤-41.20	PASS
				AV	2500.000	-49.29	≤-41.20	PASS
				Peak	2483.500	-29.36	≤-21.20	PASS
				Peak	2499.464	-28.02	≤-21.20	PASS
				Peak	2500.000	-28.93	≤-21.20	PASS
11G-CDD	Ant1	Low	2412	AV	2310.000	-52.21	≤-41.20	PASS
				AV	2340.884	-49.86	≤-41.20	PASS
				AV	2390.000	-51.92	≤-41.20	PASS
				Peak	2310.000	-33.94	≤-21.20	PASS

	Ant2	Low	2412	Peak	2356.145	-30.7	≤-21.20	PASS
				Peak	2390.000	-34.85	≤-21.20	PASS
				AV	2310.000	-52.12	≤-41.20	PASS
				AV	2340.696	-49.82	≤-41.20	PASS
				AV	2390.000	-52.27	≤-41.20	PASS
				Peak	2310.000	-33.39	≤-21.20	PASS
				Peak	2339.565	-30.45	≤-21.20	PASS
				Peak	2390.000	-33.68	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-49.15	≤-41.20	PASS
				AV	2340.696	-46.83	≤-41.20	PASS
				AV	2390.000	-49.08	≤-41.20	PASS
				Peak	2310.000	-30.65	≤-21.20	PASS
				Peak	2339.565	-27.56	≤-21.20	PASS
				Peak	2390.000	-31.22	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-51.05	≤-41.20	PASS
				AV	2495.478	-50.73	≤-41.20	PASS
				AV	2500.000	-52.3	≤-41.20	PASS
				Peak	2483.500	-33.09	≤-21.20	PASS
				Peak	2491.174	-31.43	≤-21.20	PASS
				Peak	2500.000	-33.02	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-50.92	≤-41.20	PASS
				AV	2495.957	-50.6	≤-41.20	PASS
				AV	2500.000	-51.5	≤-41.20	PASS
				Peak	2483.500	-32.64	≤-21.20	PASS
				Peak	2498.188	-31.58	≤-21.20	PASS
				Peak	2500.000	-32.6	≤-21.20	PASS
	total	High	2462	AV	2483.500	-47.97	≤-41.20	PASS
				AV	2495.957	-47.65	≤-41.20	PASS
				AV	2500.000	-48.87	≤-41.20	PASS
				Peak	2483.500	-29.85	≤-21.20	PASS
				Peak	2498.188	-28.49	≤-21.20	PASS
				Peak	2500.000	-29.79	≤-21.20	PASS
11N20-MIM O	Ant1	Low	2412	AV	2310.000	-52.22	≤-41.20	PASS
				AV	2340.884	-49.54	≤-41.20	PASS
				AV	2390.000	-52.53	≤-41.20	PASS
				Peak	2310.000	-32.52	≤-21.20	PASS
				Peak	2339.942	-30.43	≤-21.20	PASS
				Peak	2390.000	-33.91	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-52.52	≤-41.20	PASS
				AV	2341.261	-49.8	≤-41.20	PASS
				AV	2390.000	-52.18	≤-41.20	PASS
				Peak	2310.000	-34.05	≤-21.20	PASS
				Peak	2340.130	-30.23	≤-21.20	PASS
				Peak	2390.000	-32.19	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-49.36	≤-41.20	PASS

11N40-MIM O				AV	2341.261	-46.66	≤-41.20	PASS
				AV	2390.000	-49.34	≤-41.20	PASS
				Peak	2310.000	-30.21	≤-21.20	PASS
				Peak	2340.130	-27.32	≤-21.20	PASS
				Peak	2390.000	-29.96	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-51.08	≤-41.20	PASS
				AV	2496.116	-50.89	≤-41.20	PASS
				AV	2500.000	-51.54	≤-41.20	PASS
				Peak	2483.500	-32.44	≤-21.20	PASS
				Peak	2497.391	-30.94	≤-21.20	PASS
				Peak	2500.000	-33.15	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-51.05	≤-41.20	PASS
				AV	2495.478	-50.11	≤-41.20	PASS
				AV	2500.000	-50.7	≤-41.20	PASS
				Peak	2483.500	-32.28	≤-21.20	PASS
				Peak	2487.667	-30.34	≤-21.20	PASS
				Peak	2500.000	-32.88	≤-21.20	PASS
	total	High	2462	AV	2483.500	-48.05	≤-41.20	PASS
				AV	2495.478	-47.47	≤-41.20	PASS
				AV	2500.000	-48.09	≤-41.20	PASS
				Peak	2483.500	-29.35	≤-21.20	PASS
				Peak	2487.667	-27.62	≤-21.20	PASS
				Peak	2500.000	-30.00	≤-21.20	PASS
11N40-MIM O	Ant1	Low	2422	AV	2310.000	-52.51	≤-41.20	PASS
				AV	2342.014	-49.8	≤-41.20	PASS
				AV	2390.000	-52.55	≤-41.20	PASS
				Peak	2310.000	-33.9	≤-21.20	PASS
				Peak	2340.696	-30.79	≤-21.20	PASS
				Peak	2390.000	-34.59	≤-21.20	PASS
	Ant2	Low	2422	AV	2310.000	-52.18	≤-41.20	PASS
				AV	2340.696	-49.55	≤-41.20	PASS
				AV	2390.000	-51.14	≤-41.20	PASS
				Peak	2310.000	-34.28	≤-21.20	PASS
				Peak	2343.710	-30.73	≤-21.20	PASS
				Peak	2390.000	-33.74	≤-21.20	PASS
	total	Low	2422	AV	2310.000	-49.33	≤-41.20	PASS
				AV	2340.696	-46.66	≤-41.20	PASS
				AV	2390.000	-48.78	≤-41.20	PASS
				Peak	2310.000	-31.08	≤-21.20	PASS
				Peak	2343.710	-27.75	≤-21.20	PASS
				Peak	2390.000	-31.13	≤-21.20	PASS
	Ant1	High	2452	AV	2483.500	-50.75	≤-41.20	PASS
				AV	2483.522	-50.75	≤-41.20	PASS
				AV	2500.000	-51.87	≤-41.20	PASS
				Peak	2483.500	-33.01	≤-21.20	PASS

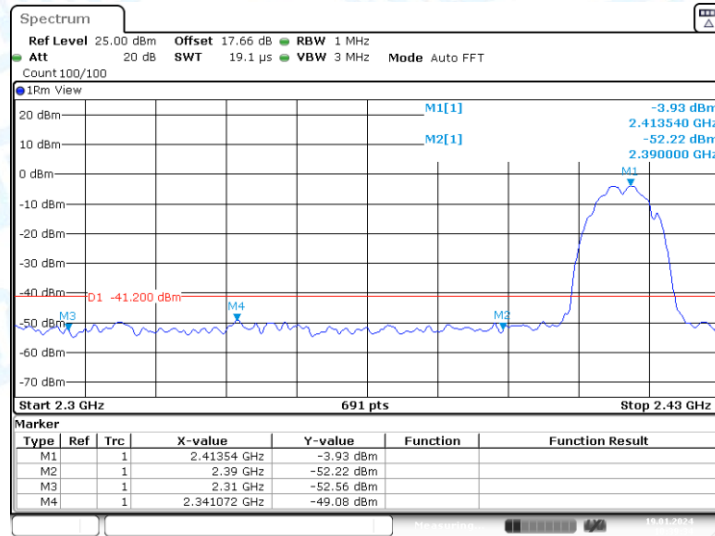
				Peak	2484.478	-31.42	≤-21.20	PASS
				Peak	2500.000	-33.32	≤-21.20	PASS
	Ant2	High	2452	AV	2483.500	-50.7	≤-41.20	PASS
				AV	2484.319	-50.28	≤-41.20	PASS
				AV	2500.000	-50.85	≤-41.20	PASS
				Peak	2483.500	-32.12	≤-21.20	PASS
				Peak	2499.304	-31.63	≤-21.20	PASS
				Peak	2500.000	-32.66	≤-21.20	PASS
	total	High	2452	AV	2483.500	-47.71	≤-41.20	PASS
				AV	2484.319	-47.50	≤-41.20	PASS
				AV	2500.000	-48.32	≤-41.20	PASS
				Peak	2483.500	-29.53	≤-21.20	PASS
				Peak	2499.304	-28.51	≤-21.20	PASS
				Peak	2500.000	-29.97	≤-21.20	PASS

Note:

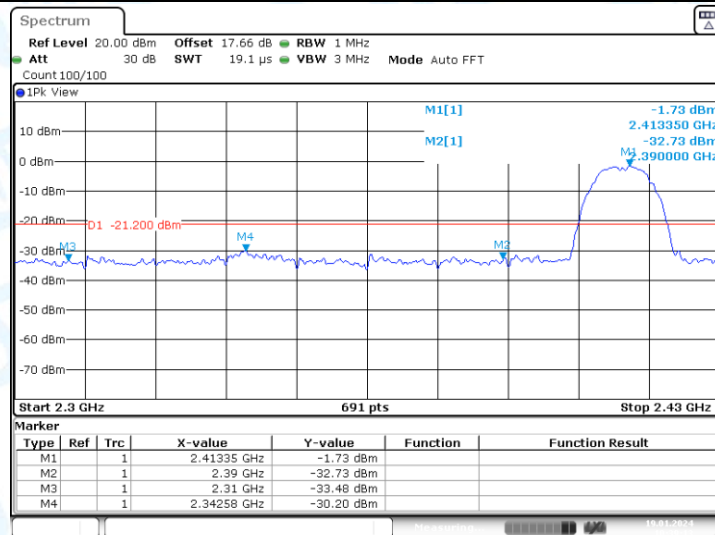
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a) or RSS-Gen 8.10. The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

8.2. Test Graphs

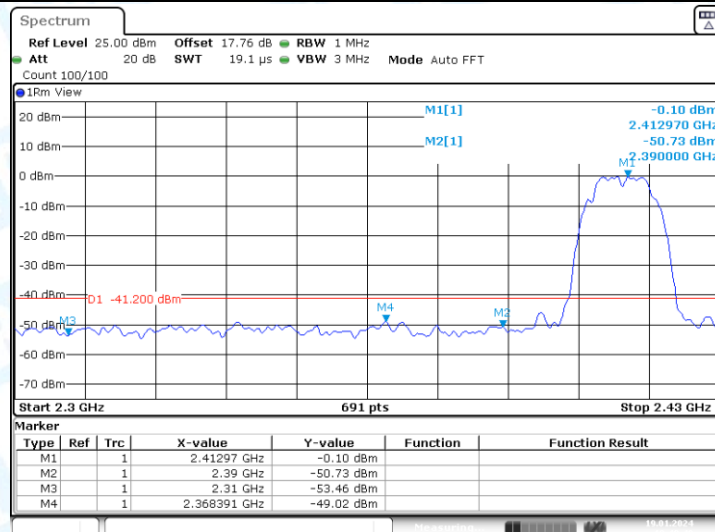
11B-CDD_Ant1_Low_2412_AV



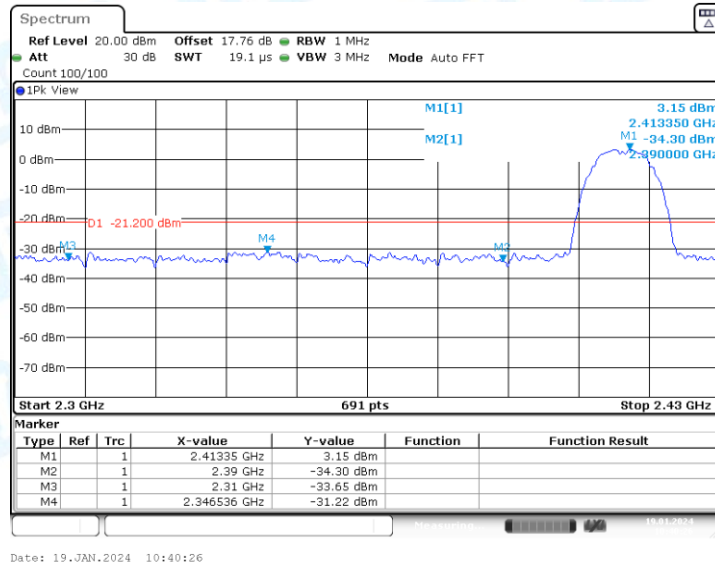
11B-CDD_Ant1_Low_2412_Peak



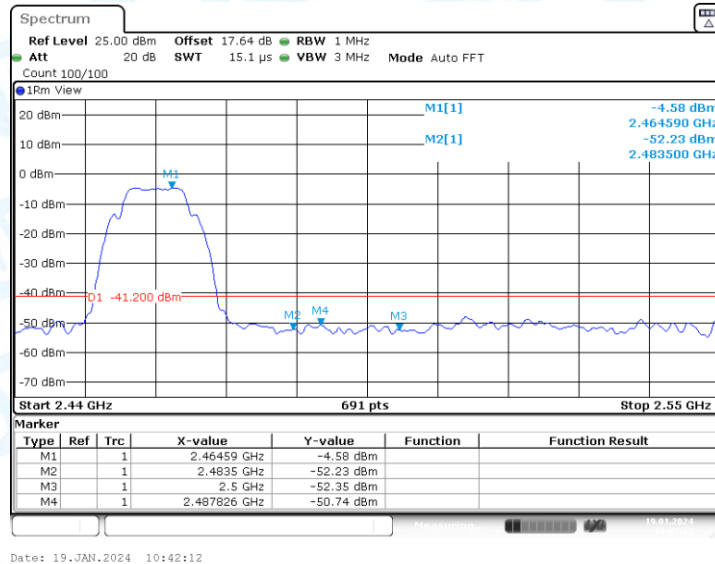
11B-CDD_Ant2_Low_2412_AV



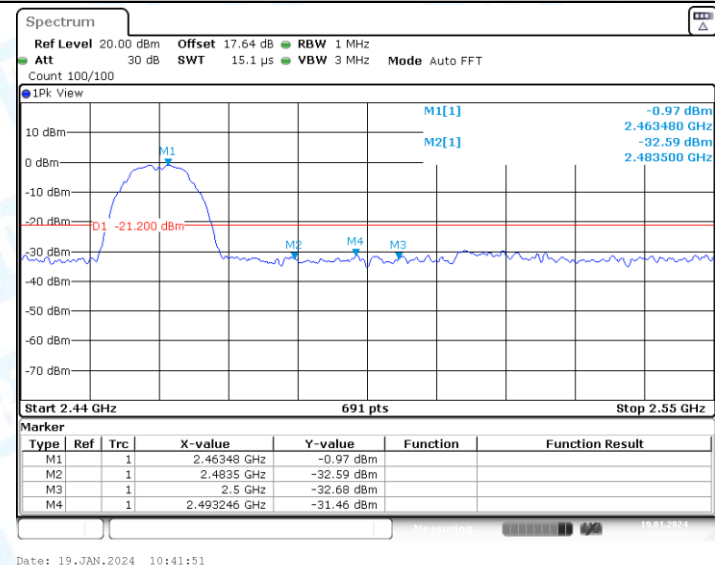
11B-CDD_Ant2_Low_2412_Peak



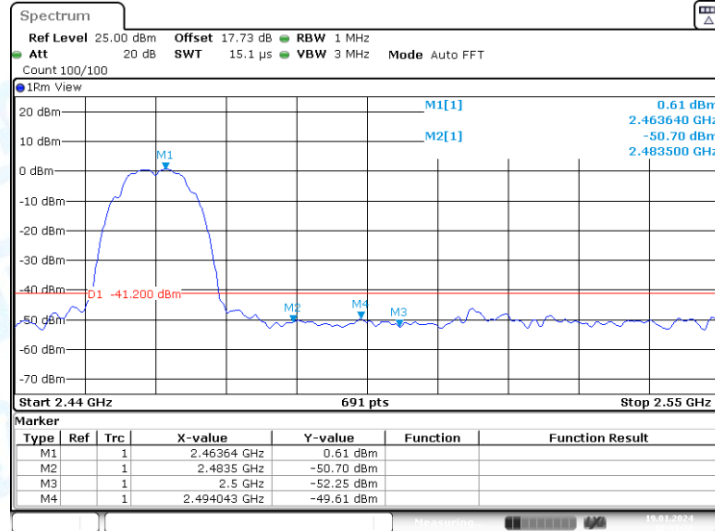
11B-CDD_Ant1_High_2462_AV



11B-CDD_Ant1_High_2462_Peak

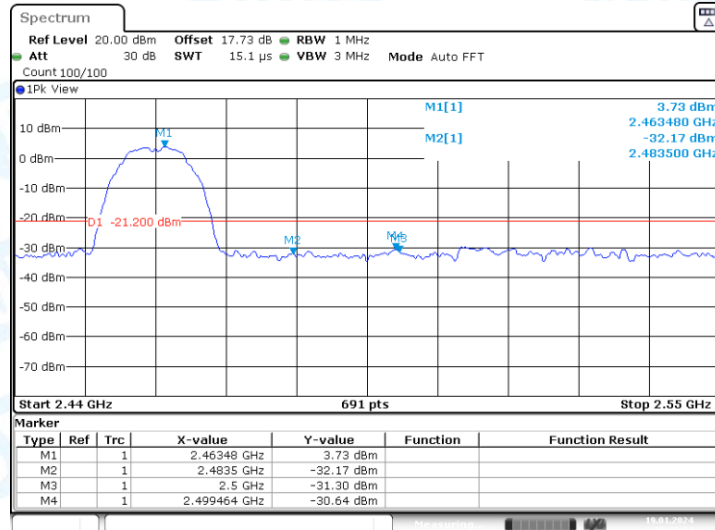


11B-CDD_Ant2_High_2462_AV



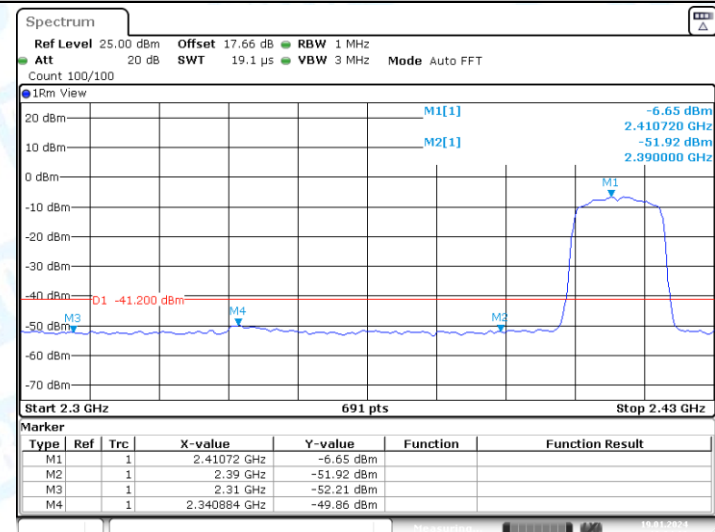
Date: 19.JAN.2024 10:43:28

11B-CDD_Ant2_High_2462_Peak



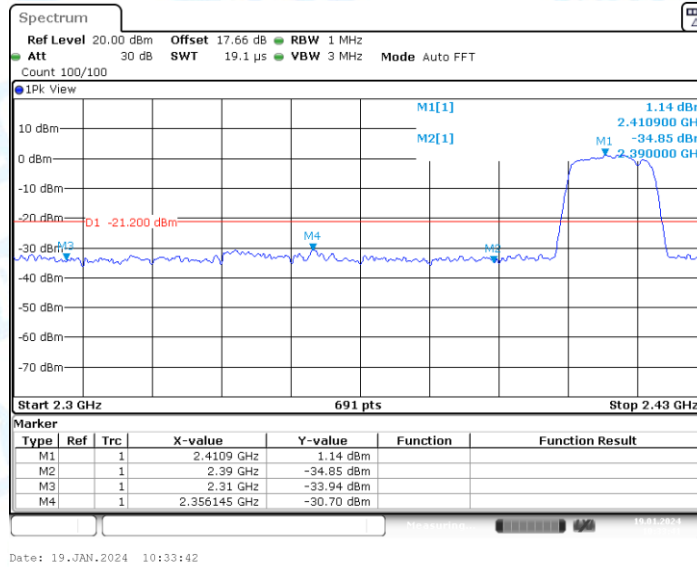
Date: 19.JAN.2024 10:43:04

11G-CDD_Ant1_Low_2412_AV

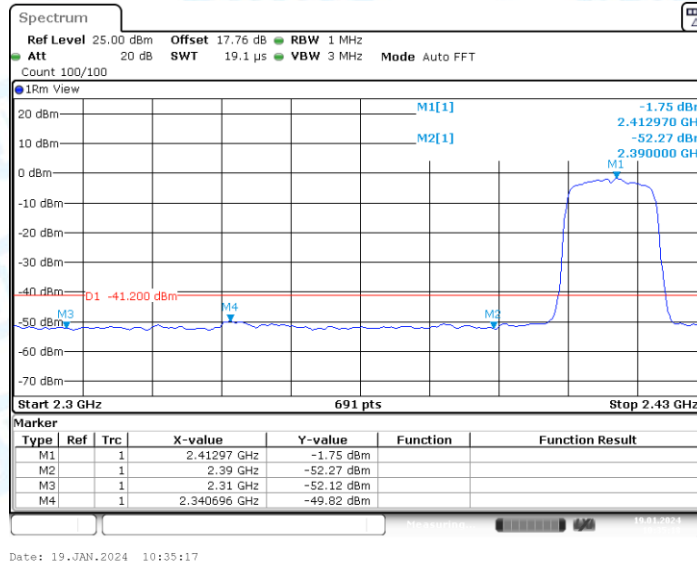


Date: 19.JAN.2024 10:34:03

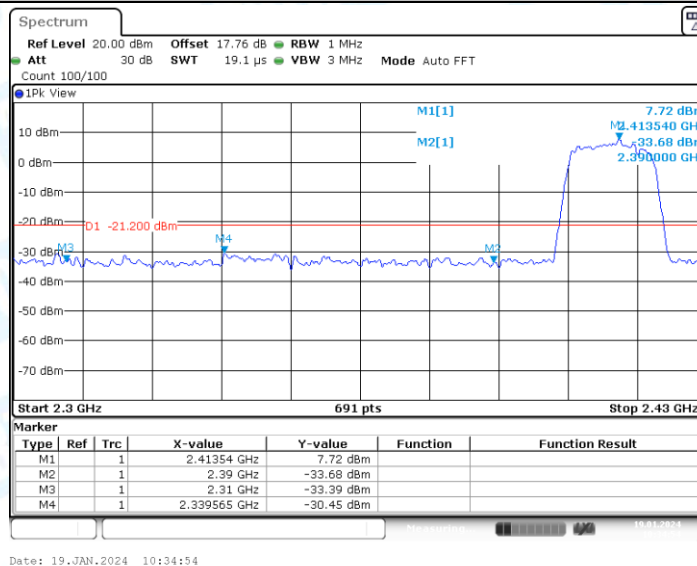
11G-CDD_Ant1_Low_2412_Peak



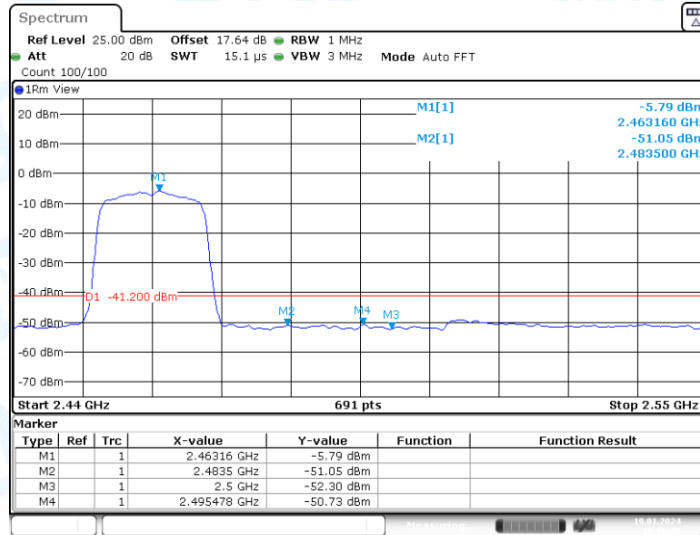
11G-CDD_Ant2_Low_2412_AV



11G-CDD_Ant2_Low_2412_Peak

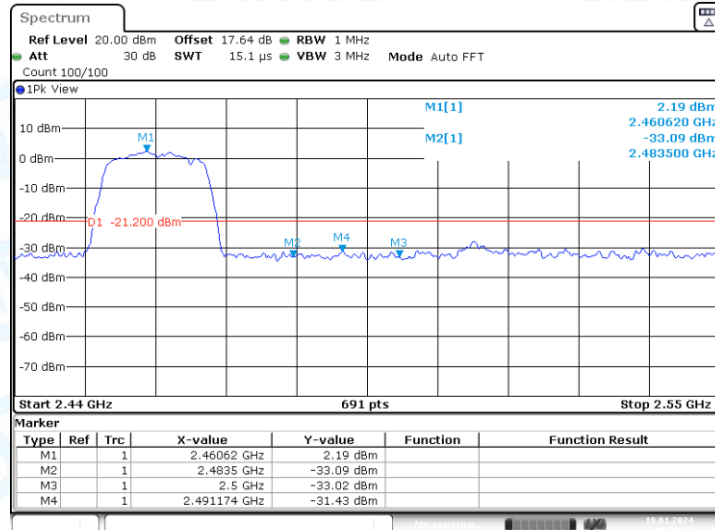


11G-CDD_Ant1_High_2462_AV



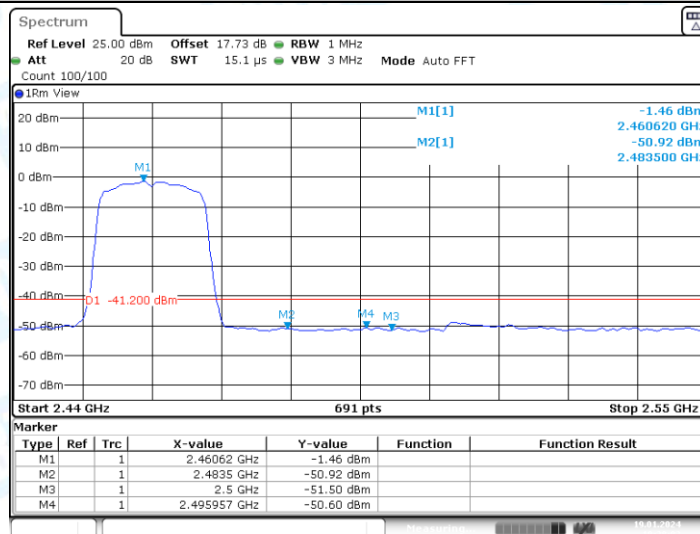
Date: 19.JAN.2024 10:36:47

11G-CDD_Ant1_High_2462_Peak



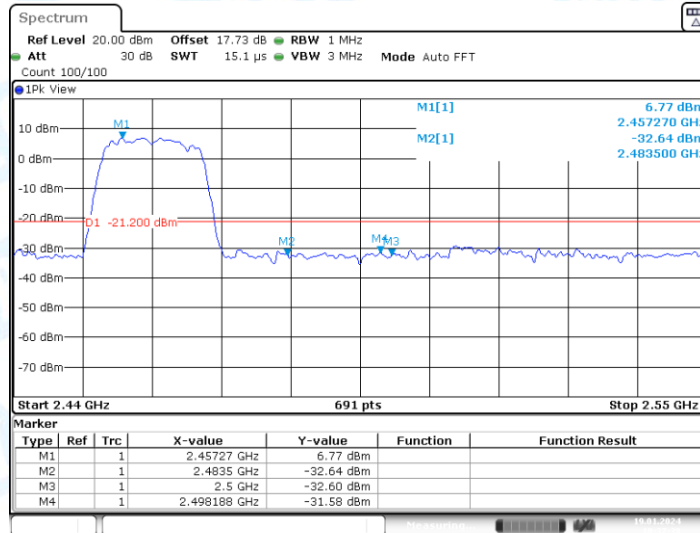
Date: 19.JAN.2024 10:36:26

11G-CDD_Ant2_High_2462_AV



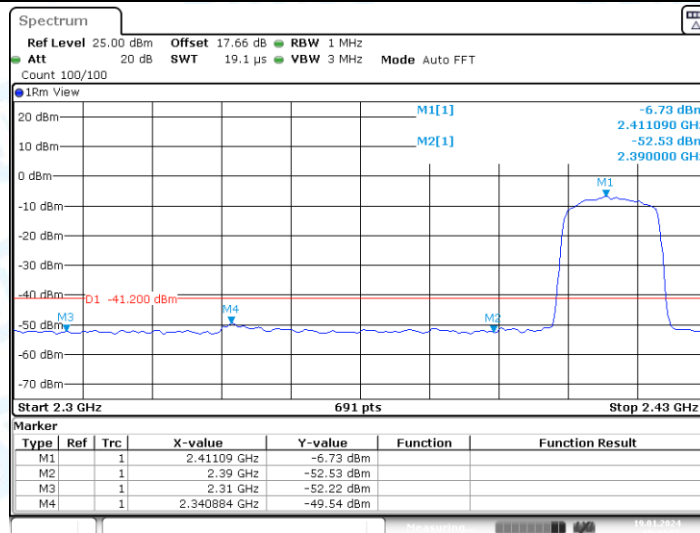
Date: 19.JAN.2024 10:38:01

11G-CDD_Ant2_High_2462_Peak



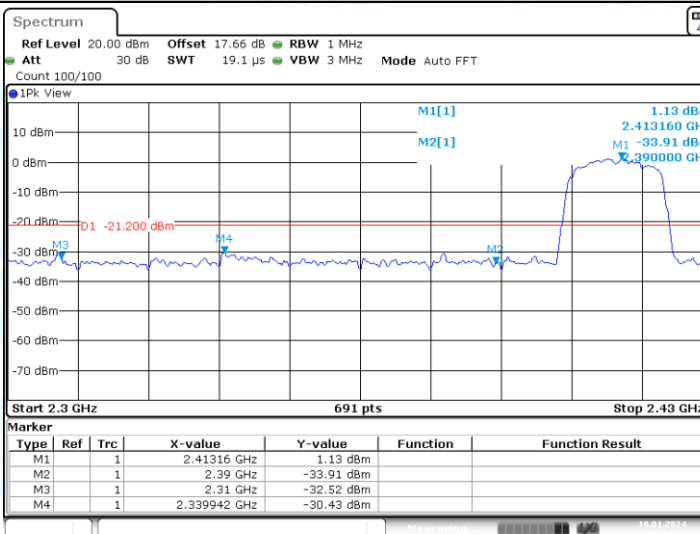
Date: 19.JAN.2024 10:37:38

11N20-MIMO_Ant1_Low_2412_AV



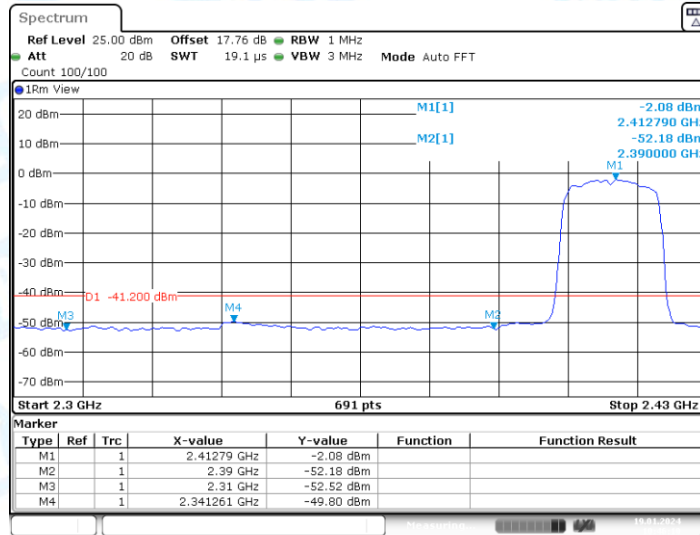
Date: 19.JAN.2024 10:44:56

11N20-MIMO_Ant1_Low_2412_Peak



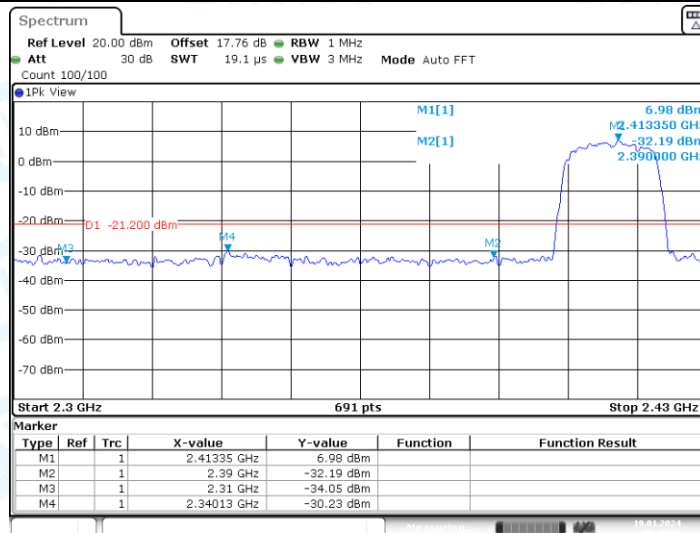
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11N20-MIMO_Ant2_Low_2412_AV



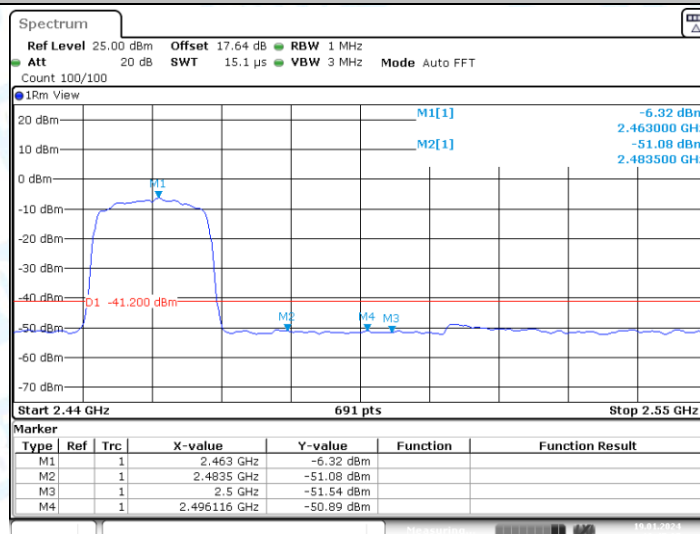
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11N20-MIMO_Ant2_Low_2412_Peak



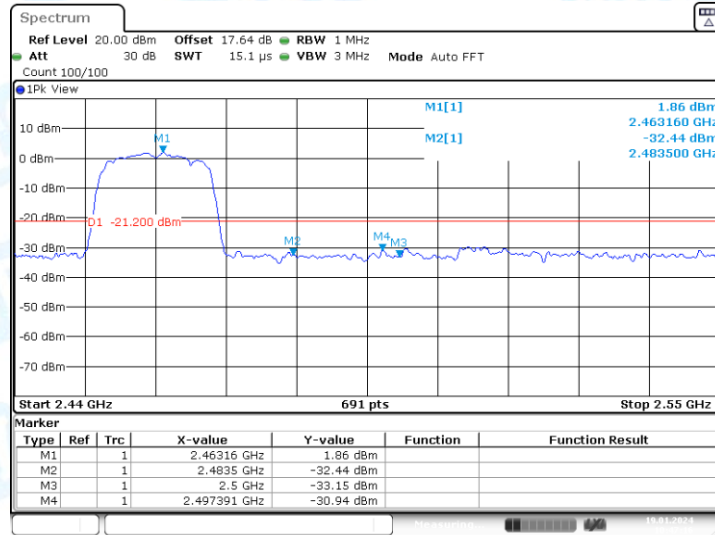
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11N20-MIMO_Ant1_High_2462_AV



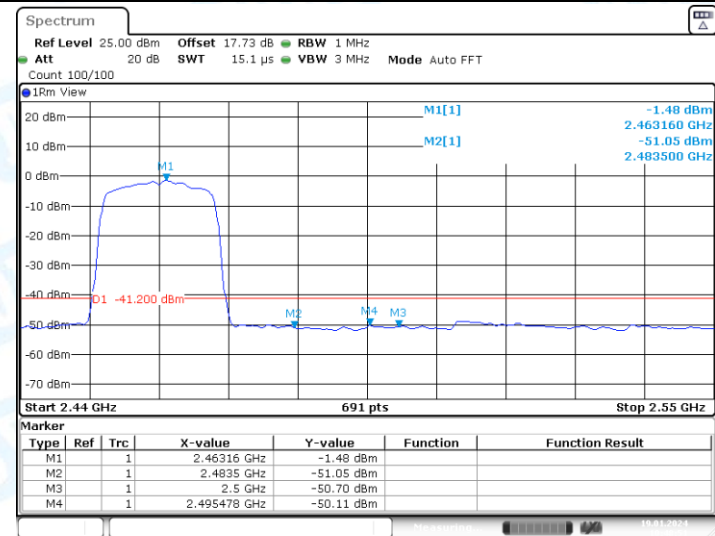
Date: 19.JAN.2024 10:47:37

11N20-MIMO_Ant1_High_2462_Peak



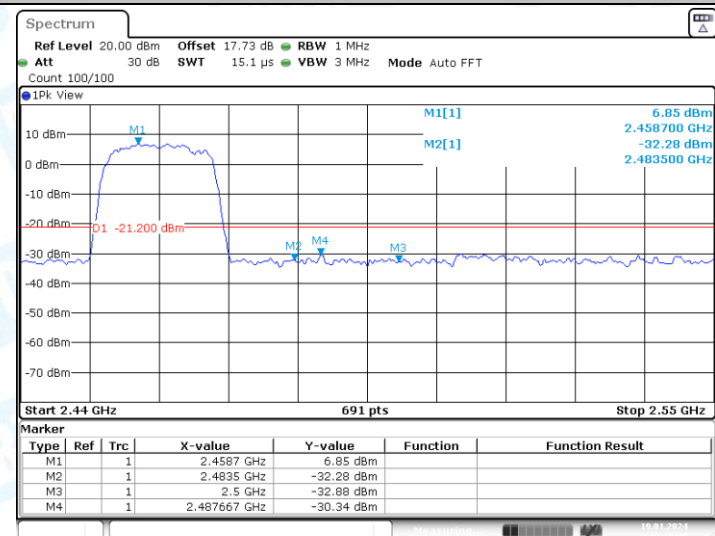
Date: 19.JAN.2024 10:47:16

11N20-MIMO_Ant2_High_2462_AV



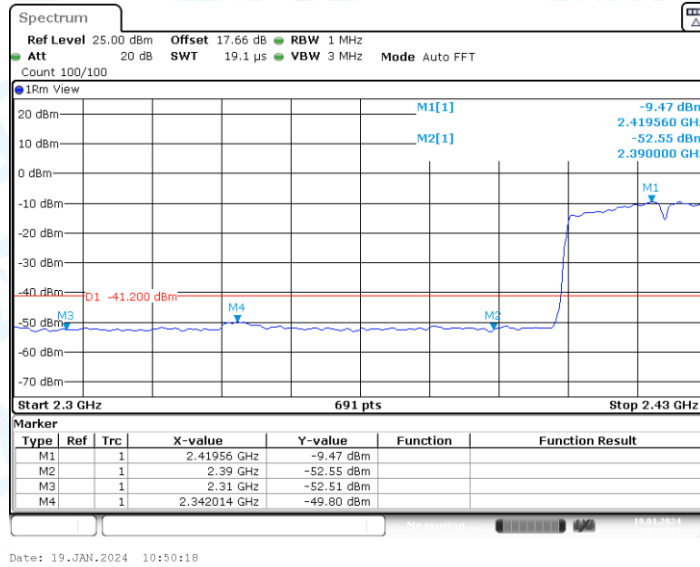
Date: 19.JAN.2024 10:48:51

11N20-MIMO_Ant2_High_2462_Peak

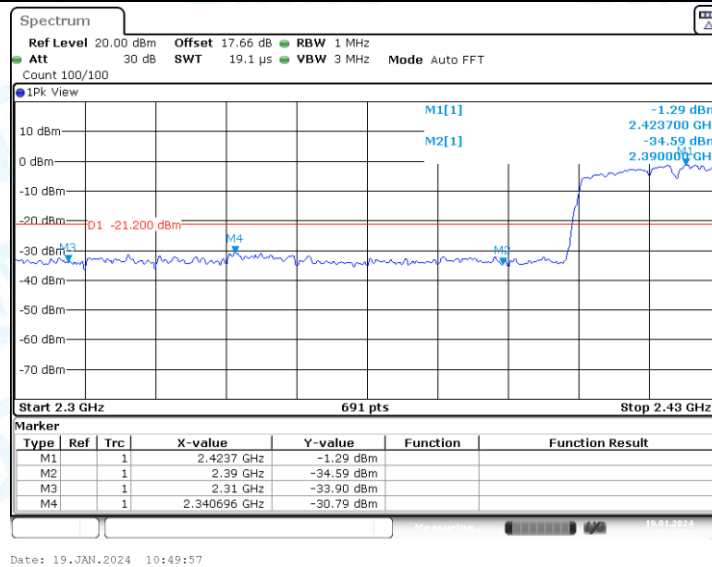


Date: 19.JAN.2024 10:48:28

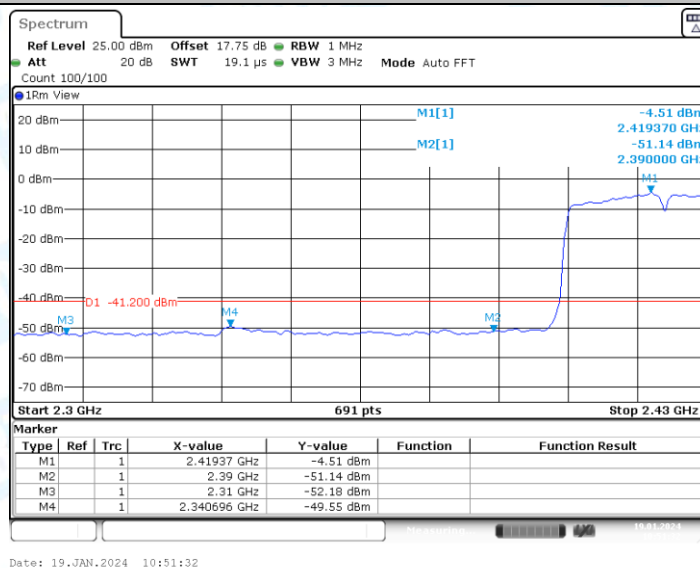
11N40-MIMO_Ant1_Low_2422_AV



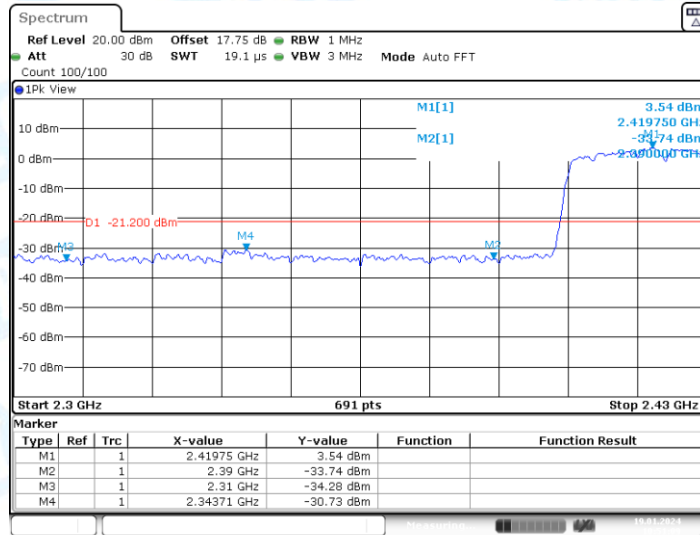
11N40-MIMO_Ant1_Low_2422_Peak



11N40-MIMO_Ant2_Low_2422_AV

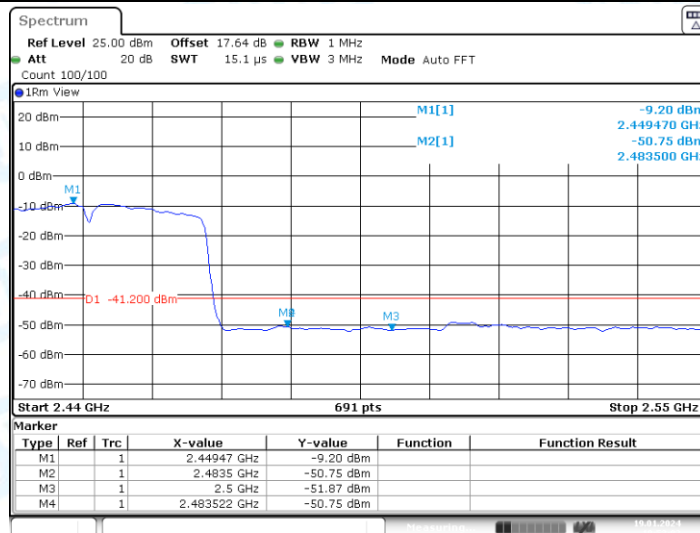


11N40-MIMO_Ant2_Low_2422_Peak



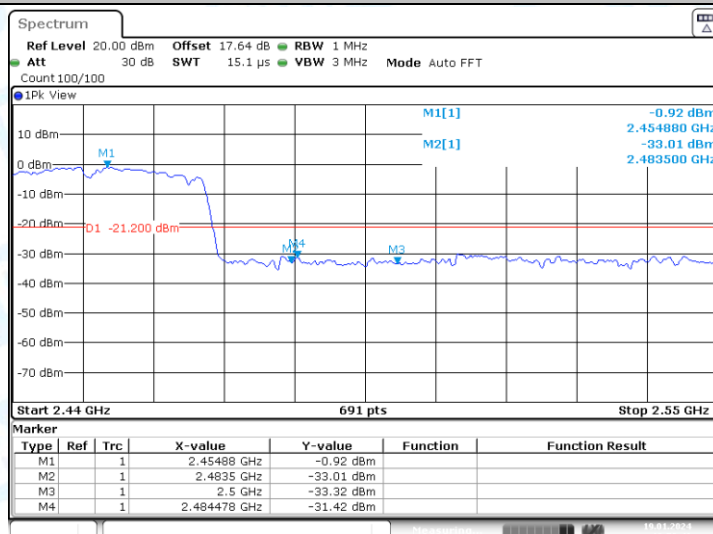
Date: 19.JAN.2024 10:51:09

11N40-MIMO_Ant1_High_2452_AV



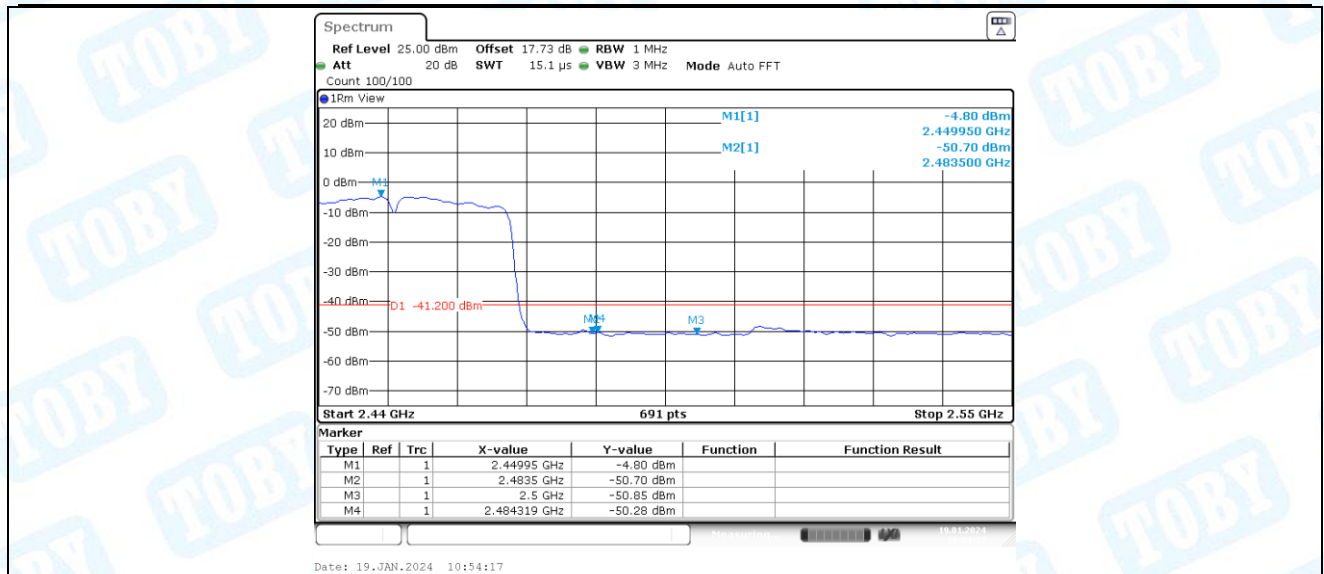
Date: 19.JAN.2024 10:53:03

11N40-MIMO_Ant1_High_2452_Peak

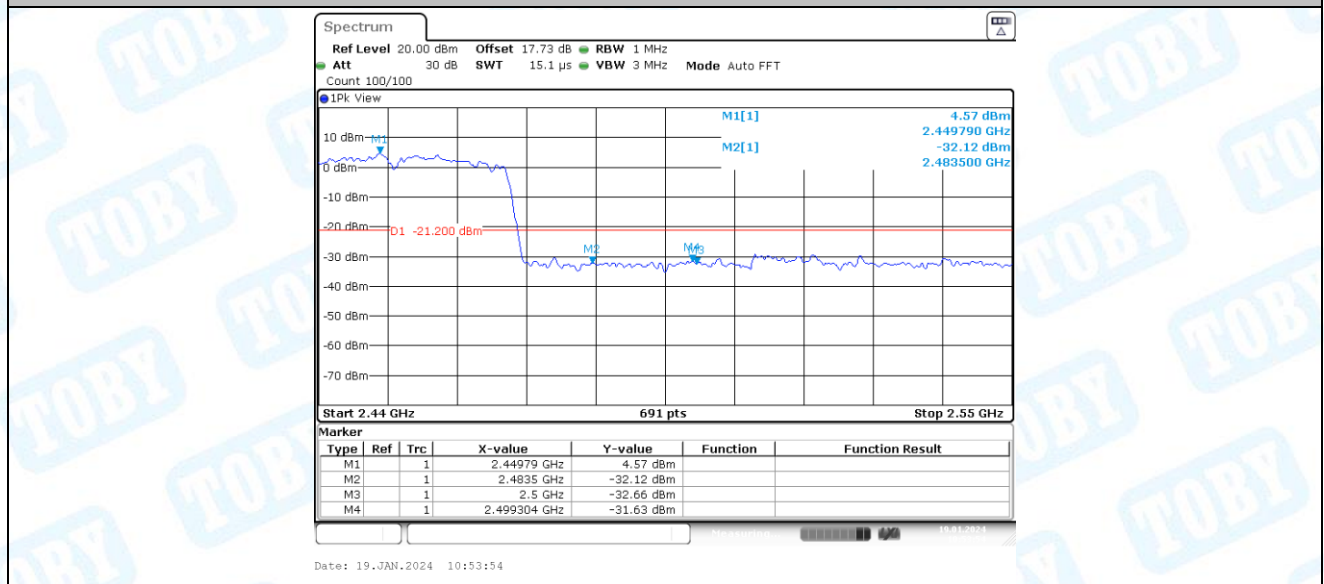


Date: 19.JAN.2024 10:52:42

11N40-MIMO_Ant2_High_2452_AV



11N40-MIMO_Ant2_High_2452_Peak



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