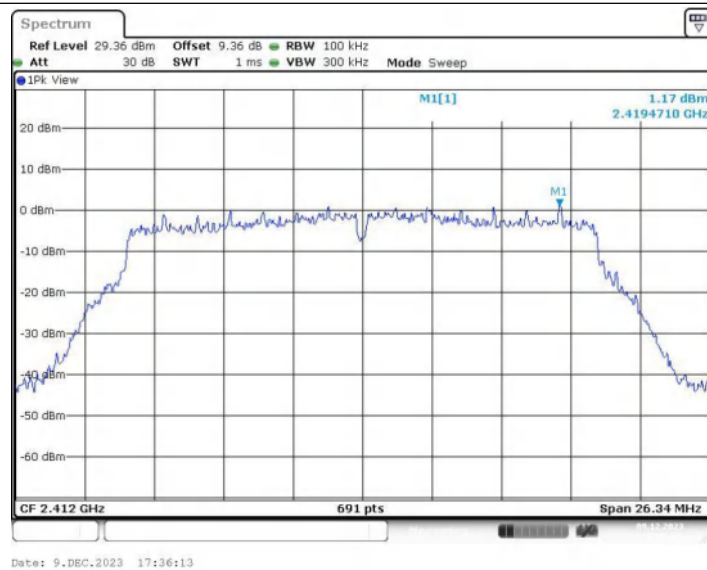
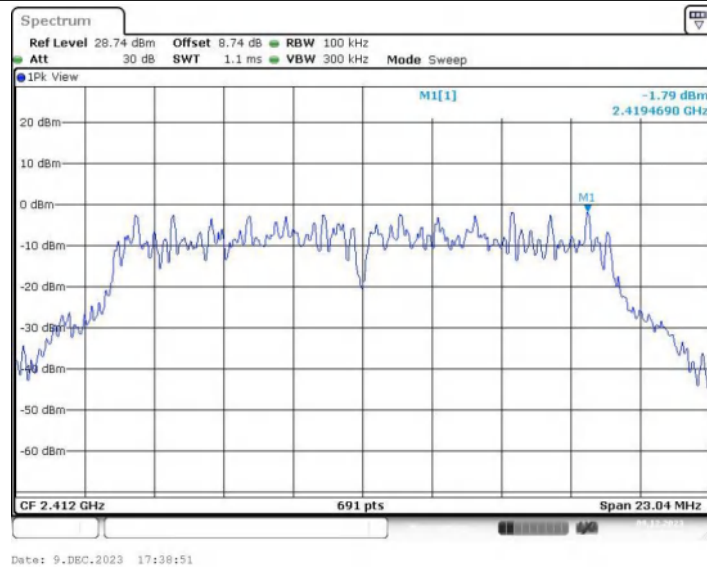
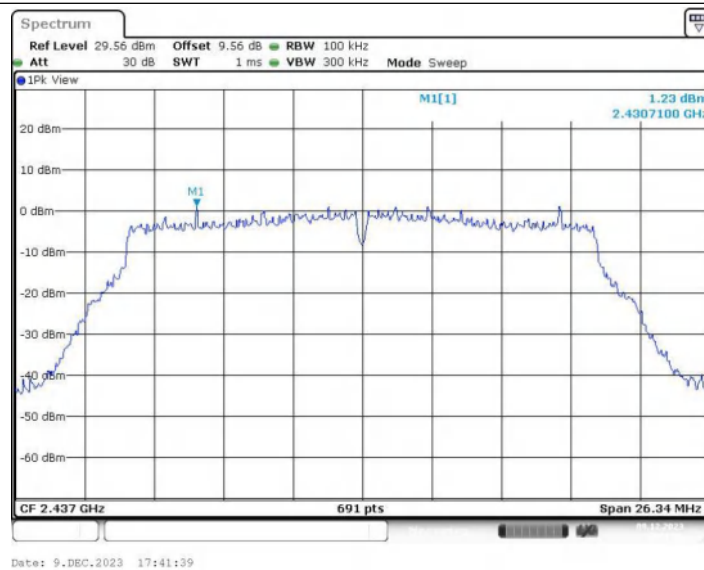




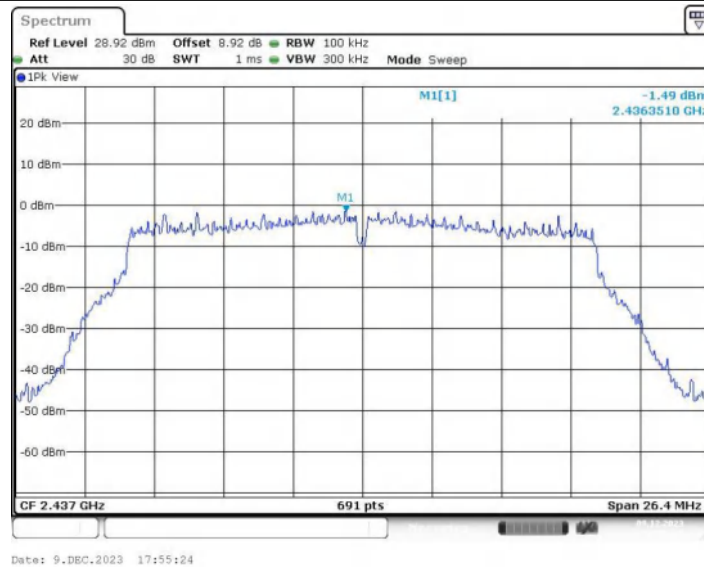
11N20MIMO_Ant2_2412



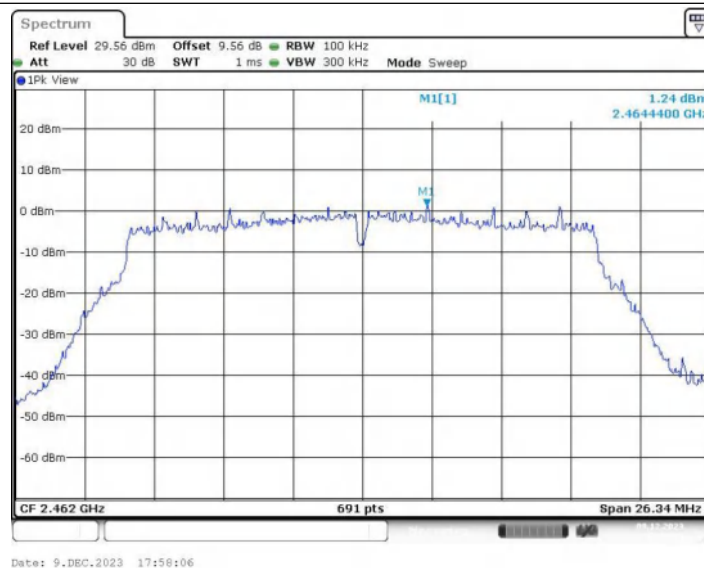
11N20MIMO_Ant1_2437



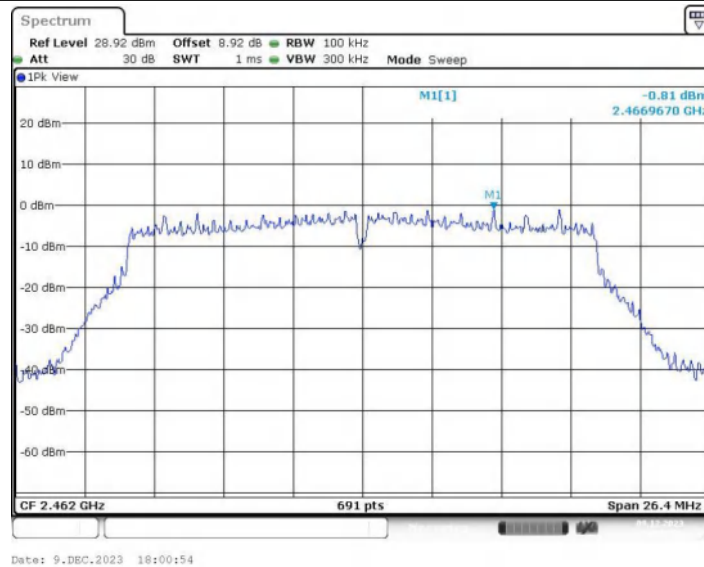
11N20MIMO_Ant2_2437



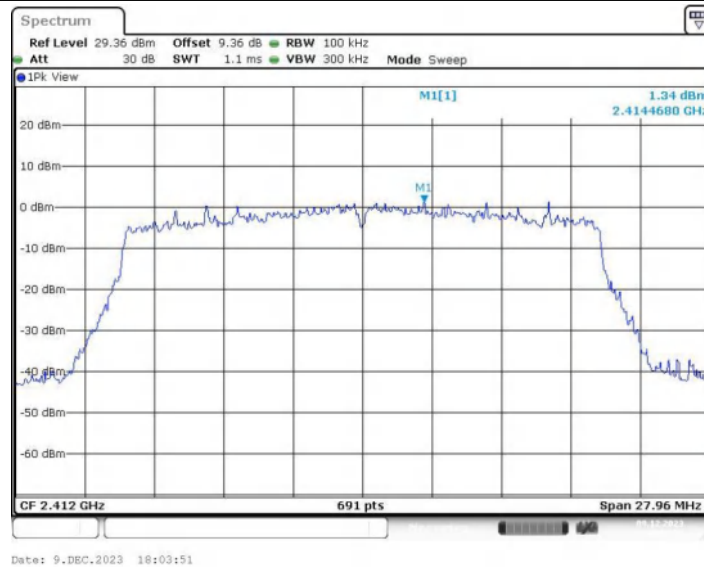
11N20MIMO_Ant1_2462



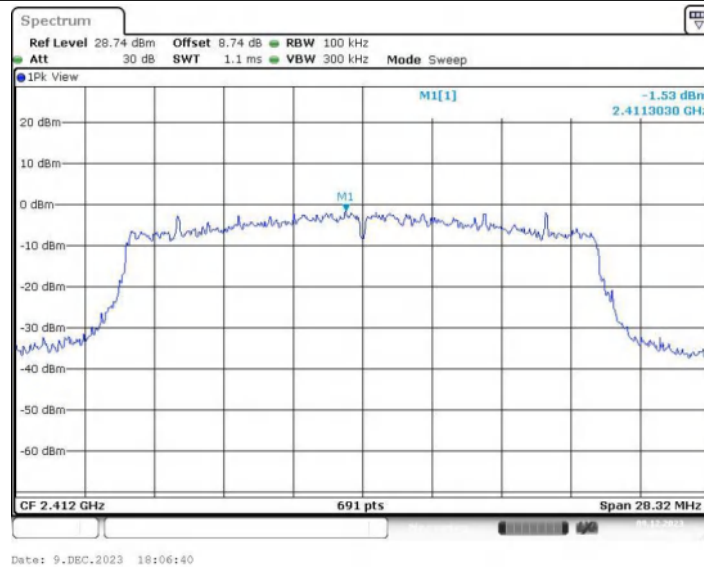
11N20MIMO_Ant2_2462



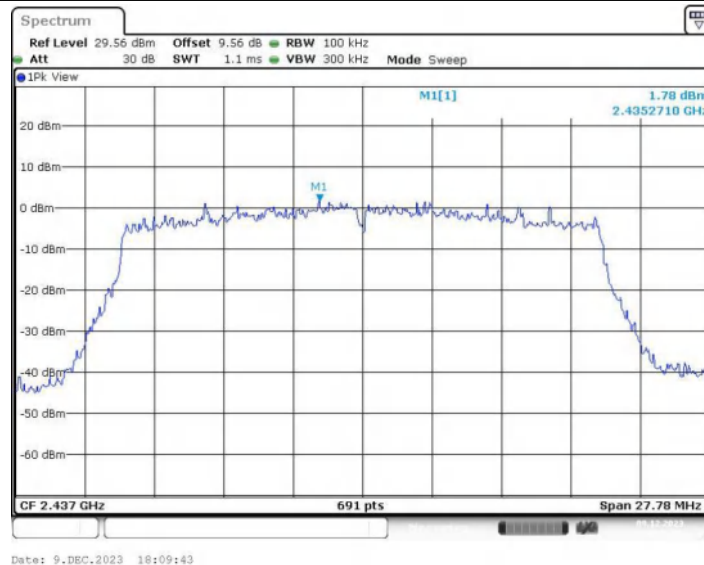
11AX20MIMO_Ant1_2412



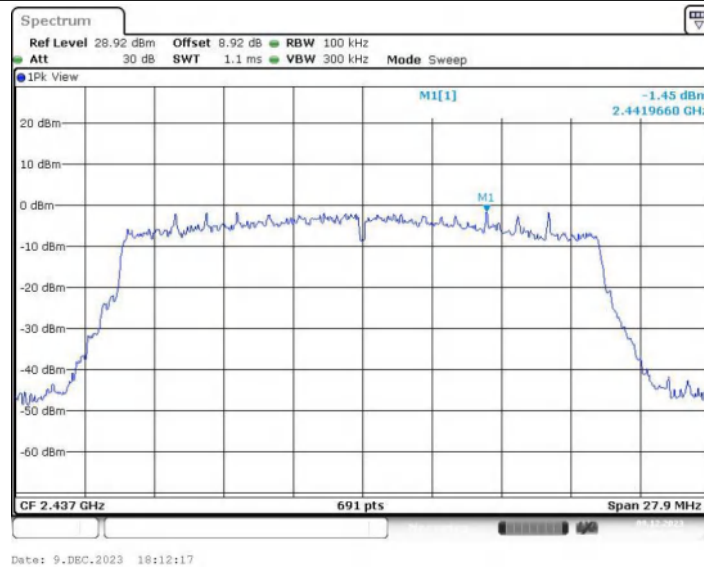
11AX20MIMO_Ant2_2412



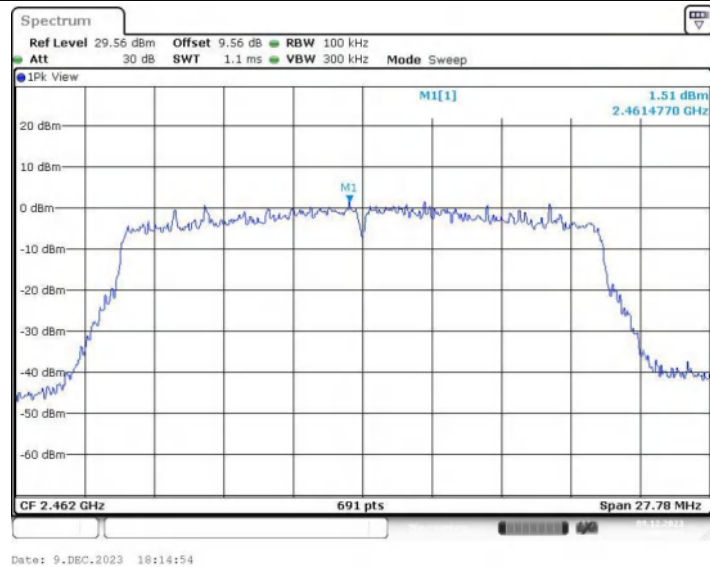
11AX20MIMO_Ant1_2437



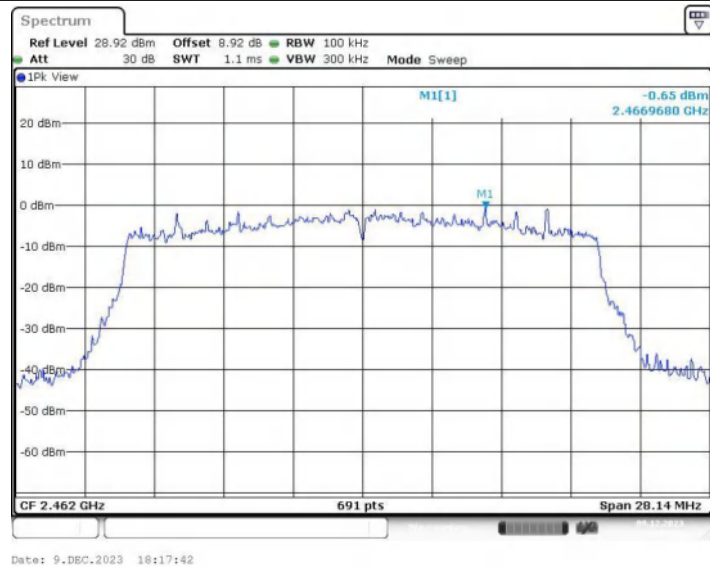
11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462





Appendix F: Band edge measurements

Test Result

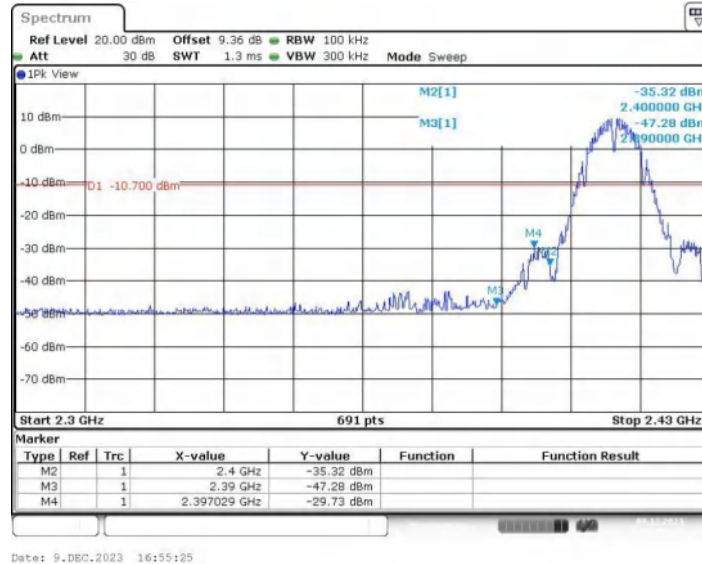
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.30	-29.73	≤-10.7	PASS
	Ant2	Low	2412	6.75	-33.46	≤-13.25	PASS
	Ant1	High	2462	9.65	-40.68	≤-10.35	PASS
	Ant2	High	2462	7.38	-39.57	≤-12.62	PASS
11G	Ant1	Low	2412	3.47	-24.22	≤-16.53	PASS
	Ant2	Low	2412	1.07	-24.17	≤-18.93	PASS
	Ant1	High	2462	3.69	-33	≤-16.31	PASS
	Ant2	High	2462	1.95	-37.88	≤-18.05	PASS
11N20MIMO	Ant1	Low	2412	1.17	-38.91	≤-18.83	PASS
	Ant2	Low	2412	-1.79	-34.05	≤-21.79	PASS
	Ant1	High	2462	1.24	-41.03	≤-18.76	PASS
	Ant2	High	2462	-0.81	-45.2	≤-20.81	PASS
11AX20MIMO	Ant1	Low	2412	1.34	-39.45	≤-18.66	PASS
	Ant2	Low	2412	-1.53	-31.86	≤-21.53	PASS
	Ant1	High	2462	1.51	-42.81	≤-18.49	PASS
	Ant2	High	2462	-0.65	-44.16	≤-20.65	PASS

The test margin is greater than 3db and MIMO mode does not need to be evaluated

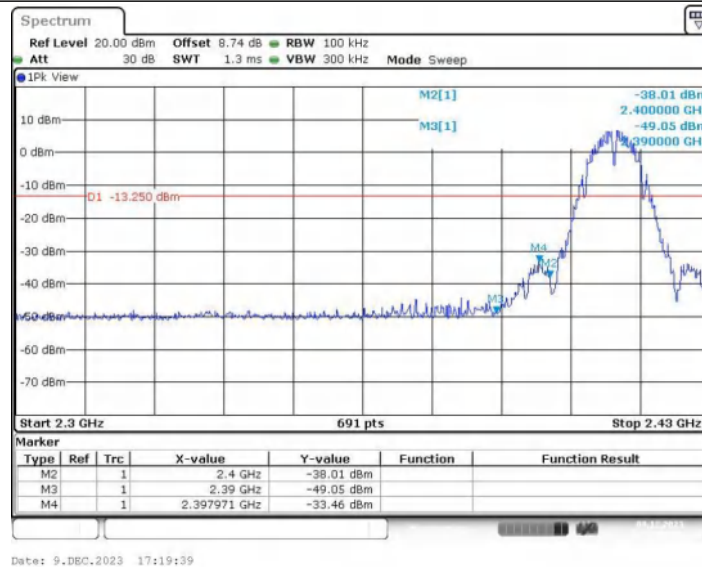


Test Graphs

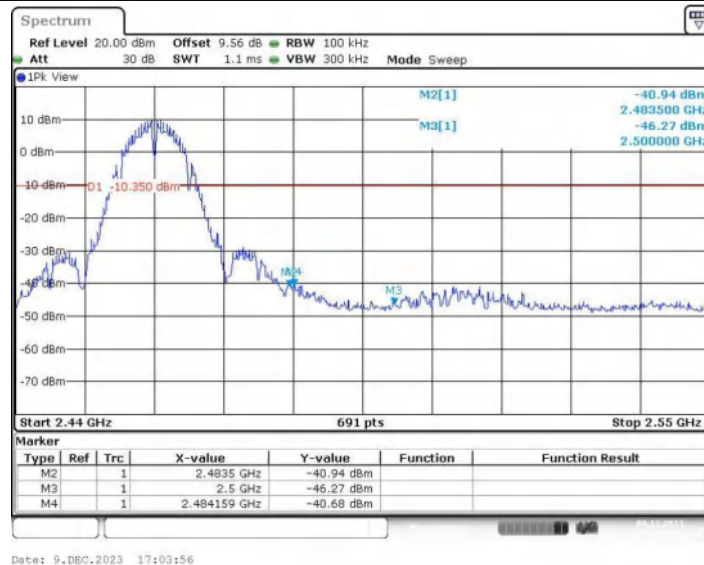
11B_Ant1_Low_2412



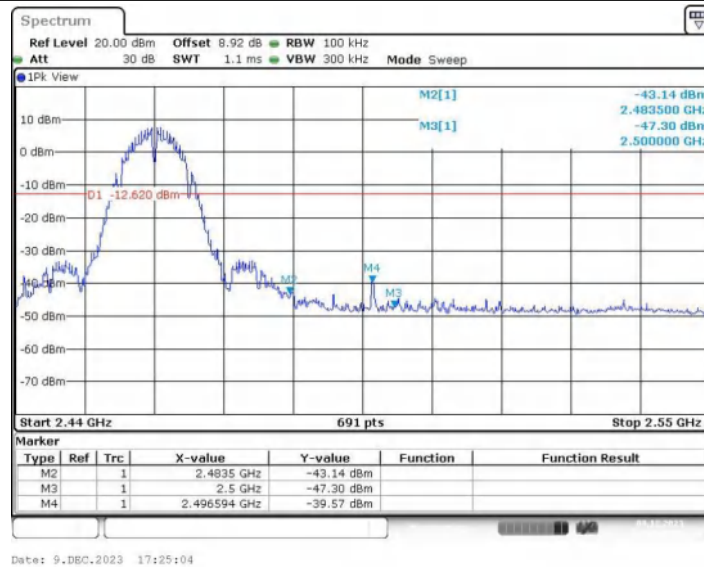
11B_Ant2_Low_2412



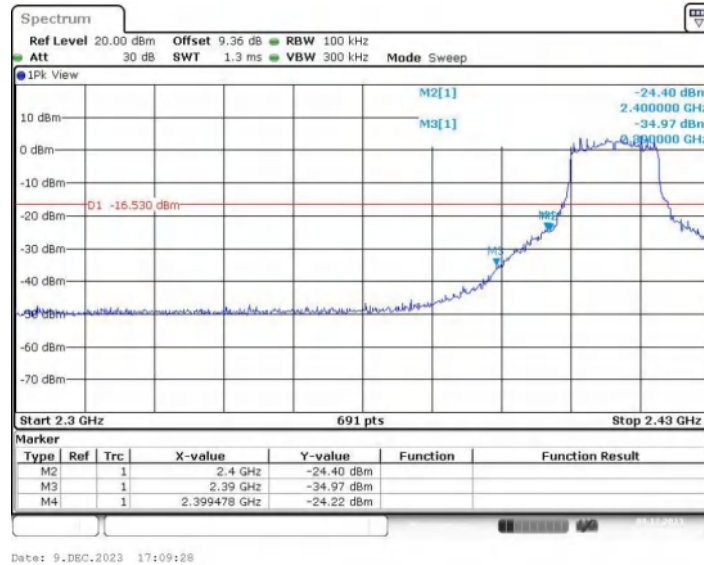
11B_Ant1_High_2462



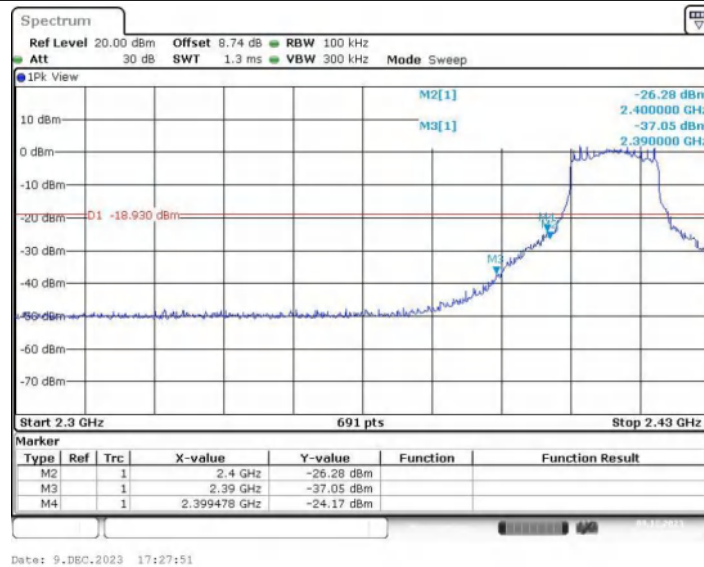
11B_Ant2_High_2462



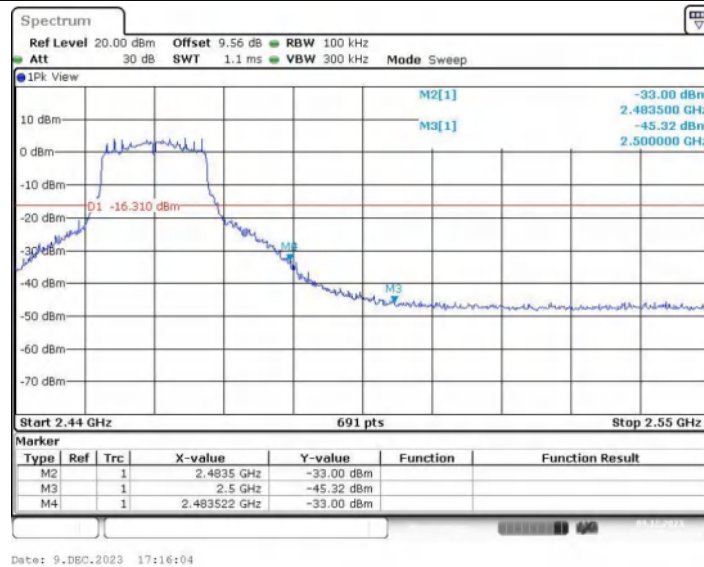
11G_Ant1_Low_2412



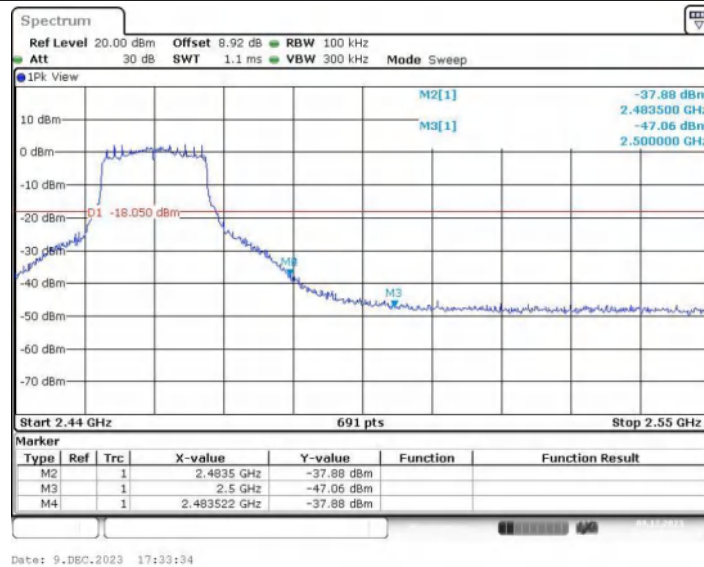
11G_Ant2_Low_2412



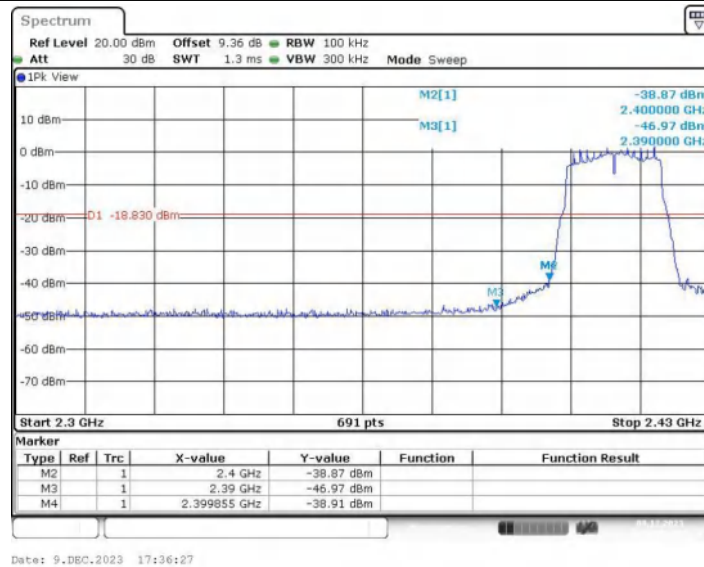
11G_Ant1_High_2462



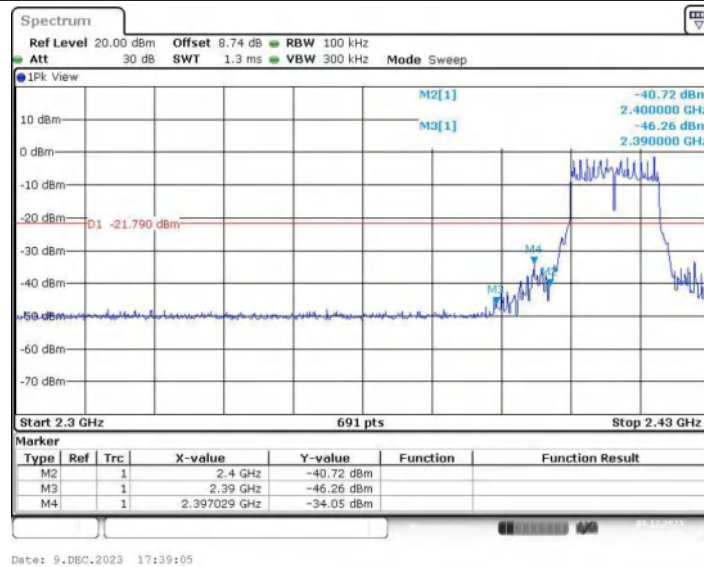
11G_Ant2_High_2462



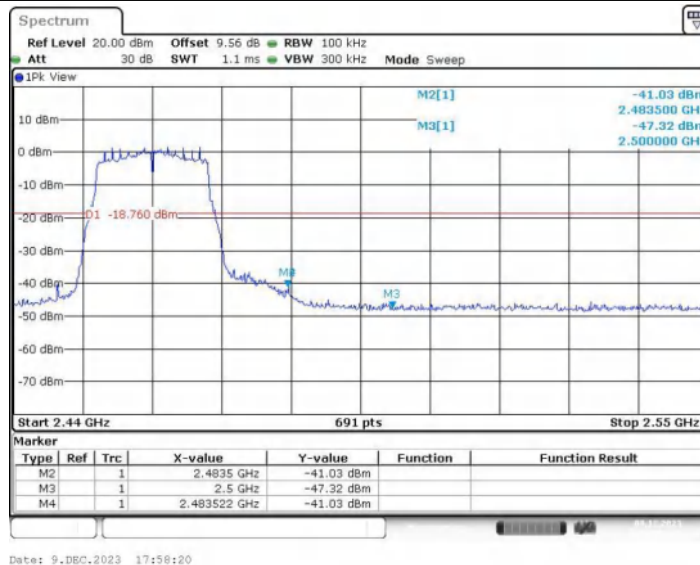
11N20MIMO_Ant1_Low_2412



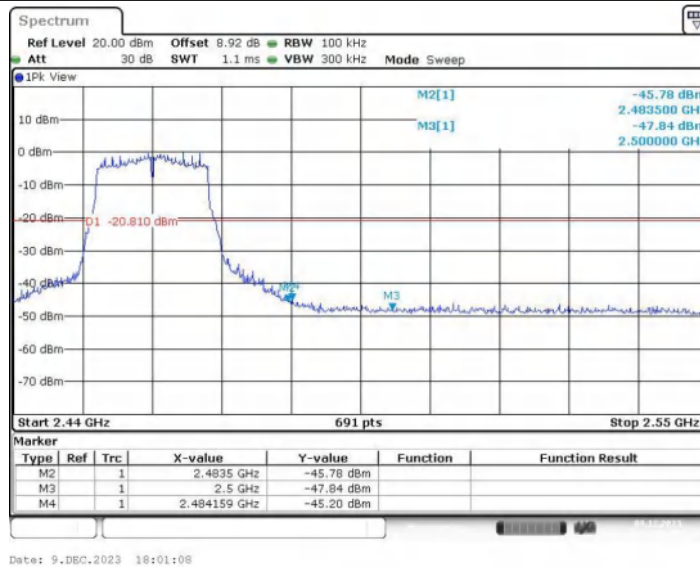
11N20MIMO_Ant2_Low_2412



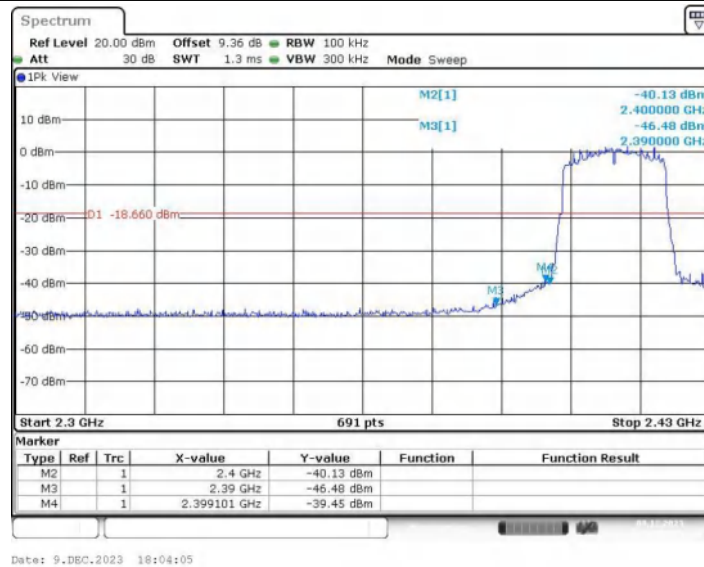
11N20MIMO_Ant1_High_2462



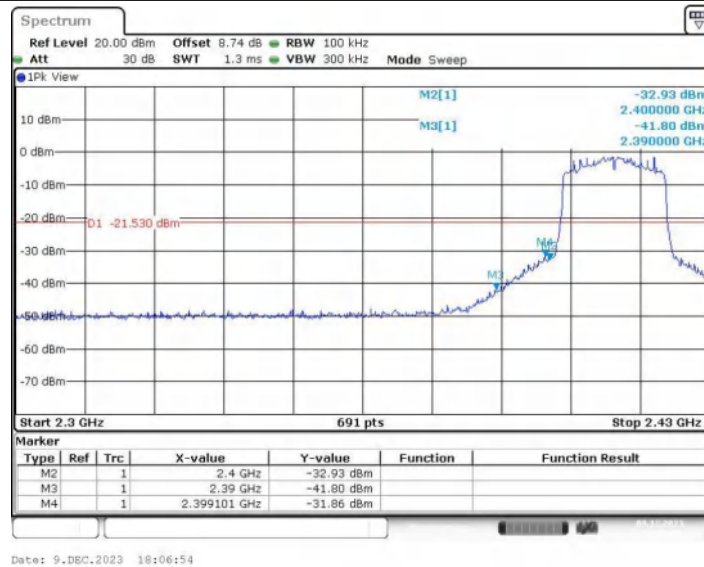
11N20MIMO_Ant2_High_2462



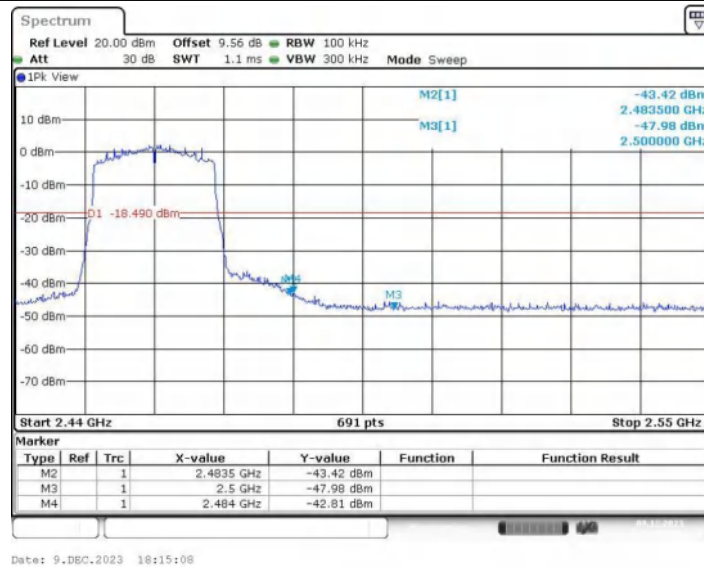
11AX20MIMO_Ant1_Low_2412



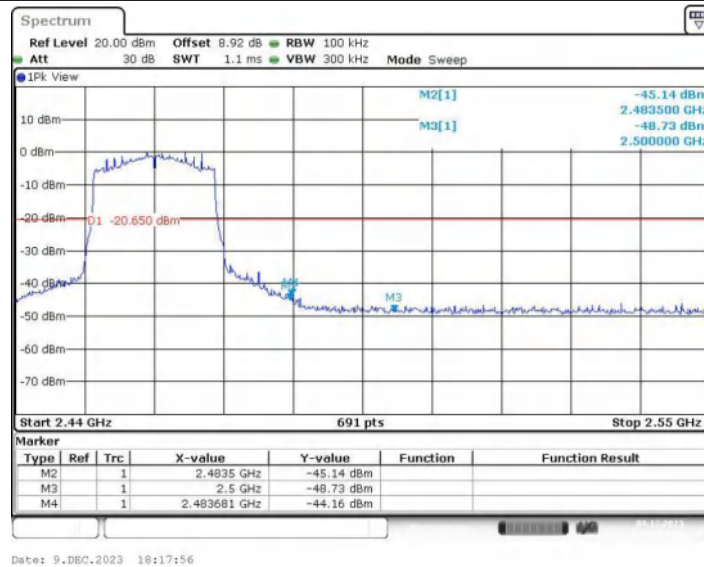
11AX20MIMO_Ant2_Low_2412



11AX20MIMO_Ant1_High_2462



11AX20MIMO_Ant2_High_2462





Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	9.30	-58.87	≤-10.7	PASS
			1000~26500	9.30	-46.75	≤-10.7	PASS
	Ant2	2412	30~1000	6.75	-50.6	≤-13.25	PASS
			1000~26500	6.75	-48.29	≤-13.25	PASS
	Ant1	2437	30~1000	9.75	-57.32	≤-10.25	PASS
			1000~26500	9.75	-47.06	≤-10.25	PASS
	Ant2	2437	30~1000	7.21	-54.01	≤-12.79	PASS
			1000~26500	7.21	-47.12	≤-12.79	PASS
	Ant1	2462	30~1000	9.65	-58.25	≤-10.35	PASS
			1000~26500	9.65	-46.93	≤-10.35	PASS
	Ant2	2462	30~1000	7.38	-59.07	≤-12.62	PASS
			1000~26500	7.38	-47.24	≤-12.62	PASS
11G	Ant1	2412	30~1000	3.47	-58.53	≤-16.53	PASS
			1000~26500	3.47	-47.32	≤-16.53	PASS
	Ant2	2412	30~1000	1.07	-59.47	≤-18.93	PASS
			1000~26500	1.07	-47.81	≤-18.93	PASS
	Ant1	2437	30~1000	4.04	-58.21	≤-15.96	PASS
			1000~26500	4.04	-46.4	≤-15.96	PASS
	Ant2	2437	30~1000	1.83	-59.49	≤-18.17	PASS
			1000~26500	1.83	-48.04	≤-18.17	PASS
	Ant1	2462	30~1000	3.69	-57.8	≤-16.31	PASS
			1000~26500	3.69	-47.33	≤-16.31	PASS
	Ant2	2462	30~1000	1.95	-59.04	≤-18.05	PASS
			1000~26500	1.95	-47.87	≤-18.05	PASS
11N20MIMO	Ant1	2412	30~1000	1.17	-58.54	≤-18.83	PASS
			1000~26500	1.17	-47.22	≤-18.83	PASS
	Ant2	2412	30~1000	-1.79	-46.96	≤-21.79	PASS
			1000~26500	-1.79	-47.75	≤-21.79	PASS
	Ant1	2437	30~1000	1.23	-58.64	≤-18.77	PASS
			1000~26500	1.23	-46.1	≤-18.77	PASS
	Ant2	2437	30~1000	-1.49	-43.56	≤-21.49	PASS
			1000~26500	-1.49	-47.96	≤-21.49	PASS
	Ant1	2462	30~1000	1.24	-58.4	≤-18.76	PASS
			1000~26500	1.24	-45.94	≤-18.76	PASS



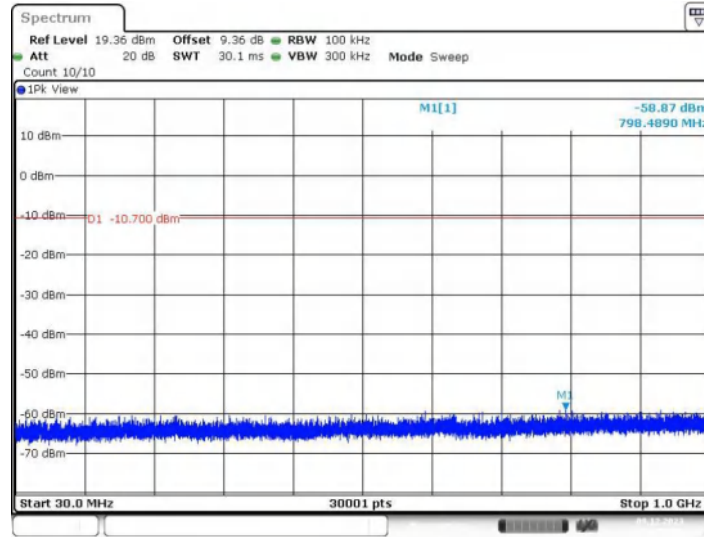
	Ant2	2462	30~1000	-0.81	-58.79	≤ -20.81	PASS
			1000~26500	-0.81	-46.64	≤ -20.81	PASS
11AX20MIMO	Ant1	2412	30~1000	1.34	-58.55	≤ -18.66	PASS
			1000~26500	1.34	-47.19	≤ -18.66	PASS
	Ant2	2412	30~1000	-1.53	-56.51	≤ -21.53	PASS
			1000~26500	-1.53	-47.98	≤ -21.53	PASS
	Ant1	2437	30~1000	1.78	-58.19	≤ -18.22	PASS
			1000~26500	1.78	-46.95	≤ -18.22	PASS
	Ant2	2437	30~1000	-1.45	-58.21	≤ -21.45	PASS
			1000~26500	-1.45	-47.49	≤ -21.45	PASS
	Ant1	2462	30~1000	1.51	-58.82	≤ -18.49	PASS
			1000~26500	1.51	-46.78	≤ -18.49	PASS
	Ant2	2462	30~1000	-0.65	-58.32	≤ -20.65	PASS
			1000~26500	-0.65	-47.5	≤ -20.65	PASS

The test margin is greater than 3db and MIMO mode does not need to be evaluated



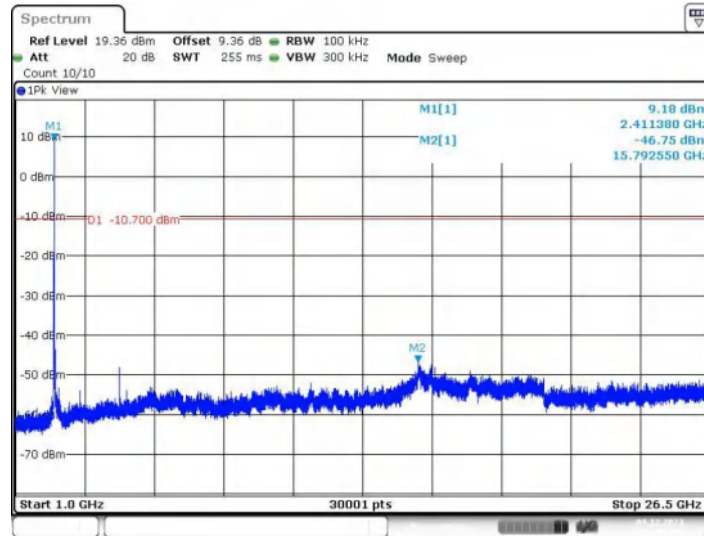
Test Graphs

11B_Ant1_2412_30~1000



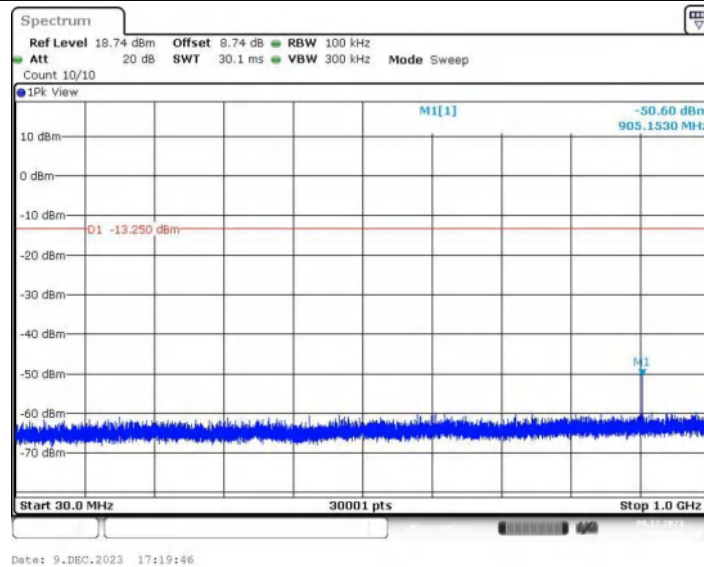
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11B_Ant1_2412_1000~26500

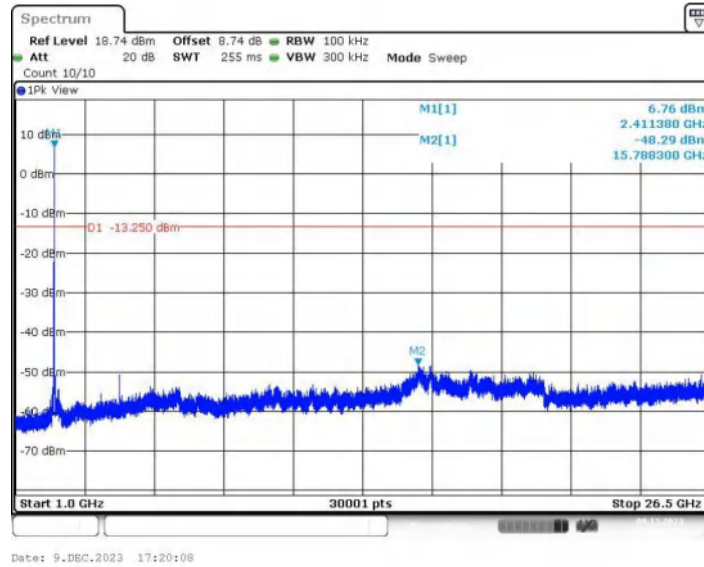


Date: 9.DEC.2023 16:55:55

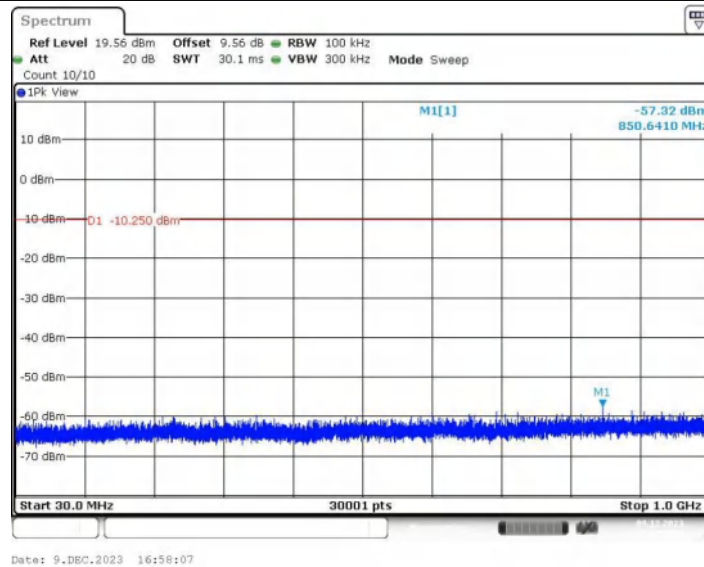
11B_Ant2_2412_30~1000



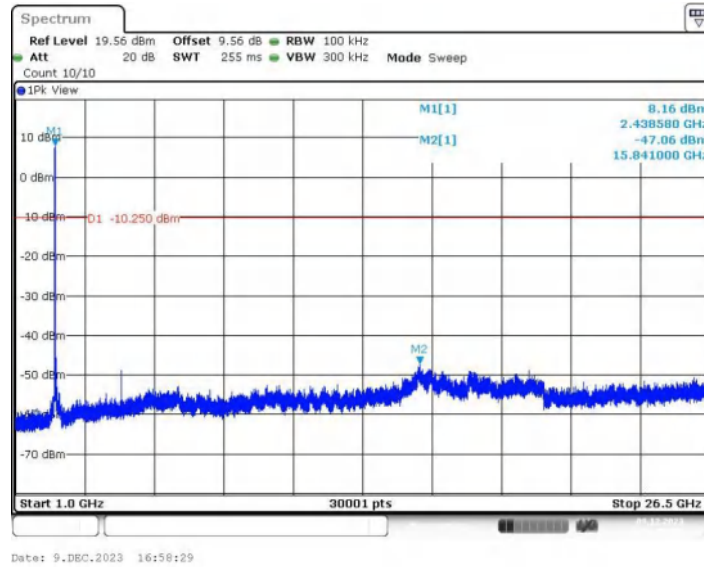
11B_Ant2_2412_1000~26500



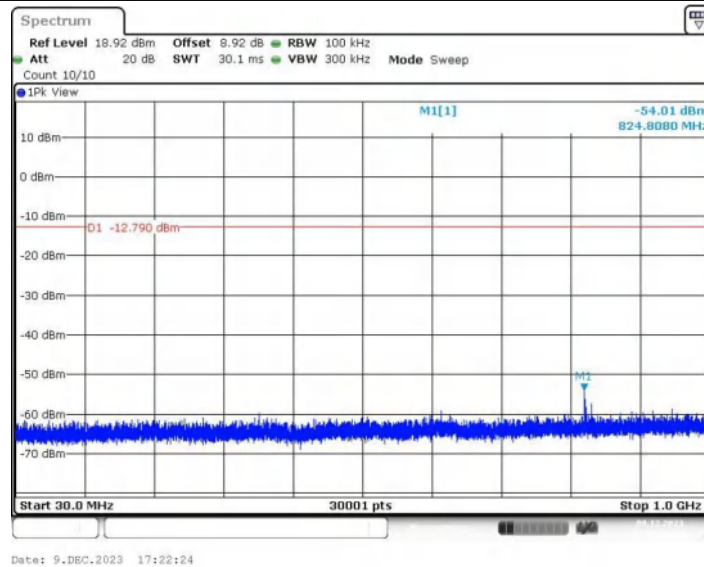
11B_Ant1_2437_30~1000



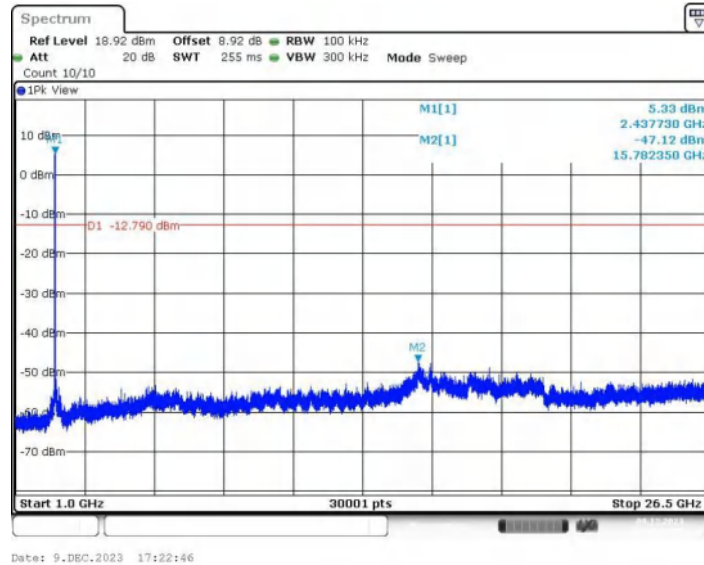
11B_Ant1_2437_1000~26500



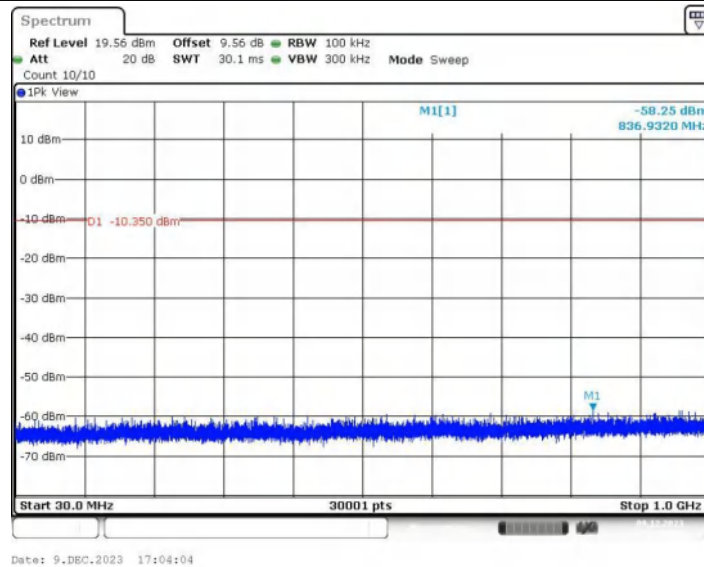
11B_Ant2_2437_30~1000



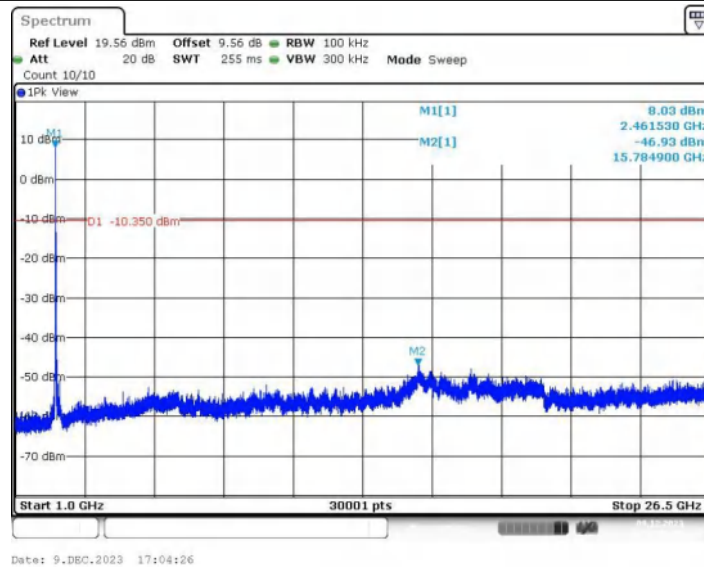
11B_Ant2_2437_1000~26500



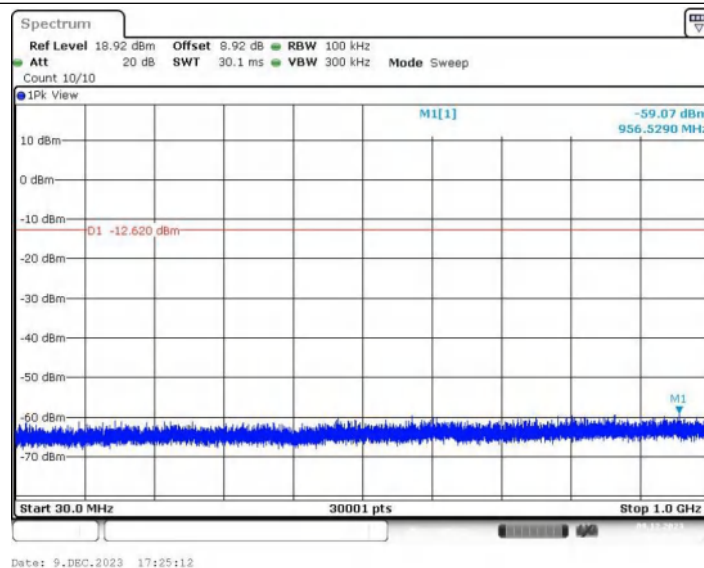
11B_Ant1_2462_30~1000



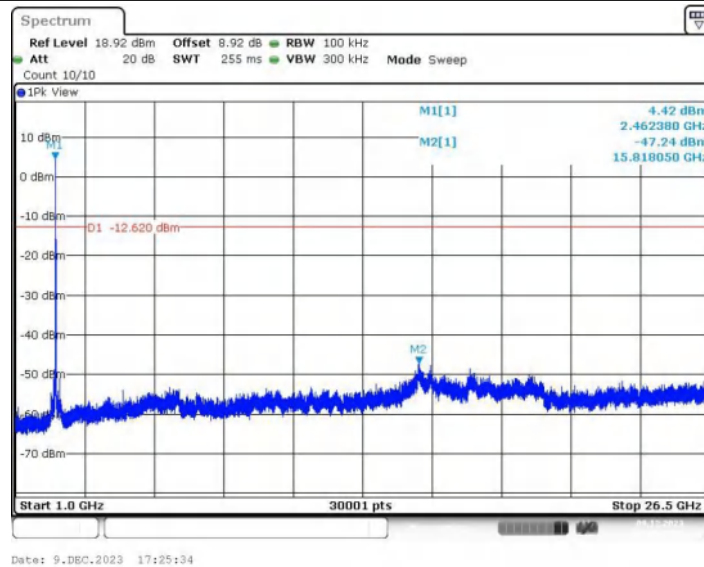
11B_Ant1_2462_1000~26500



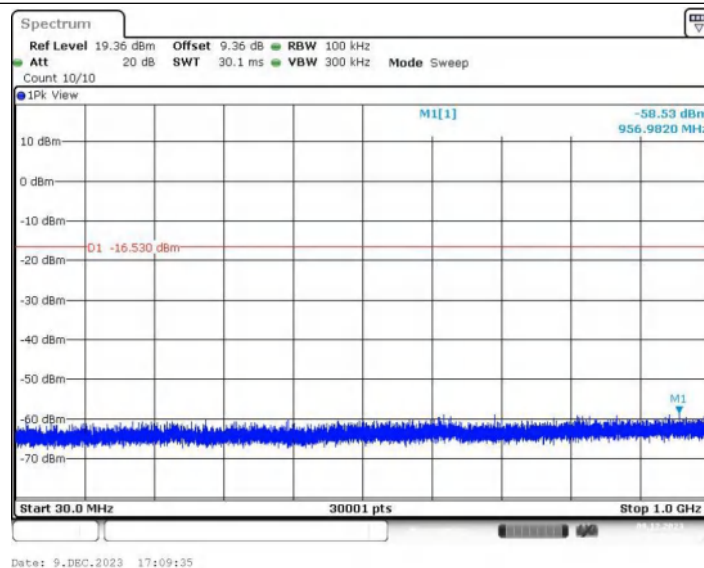
11B_Ant2_2462_30~1000



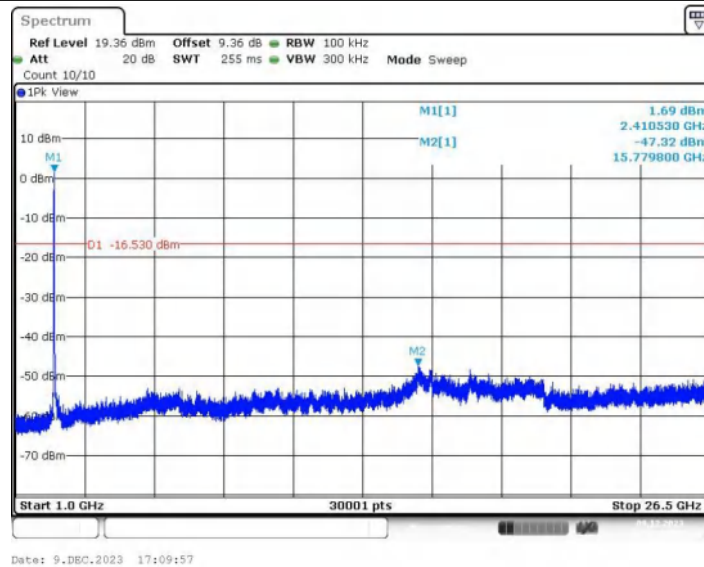
11B_Ant2_2462_1000~26500



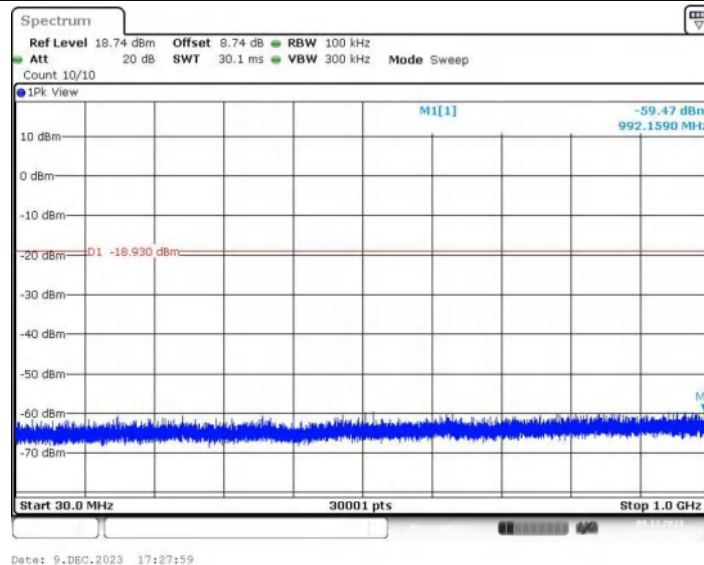
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500

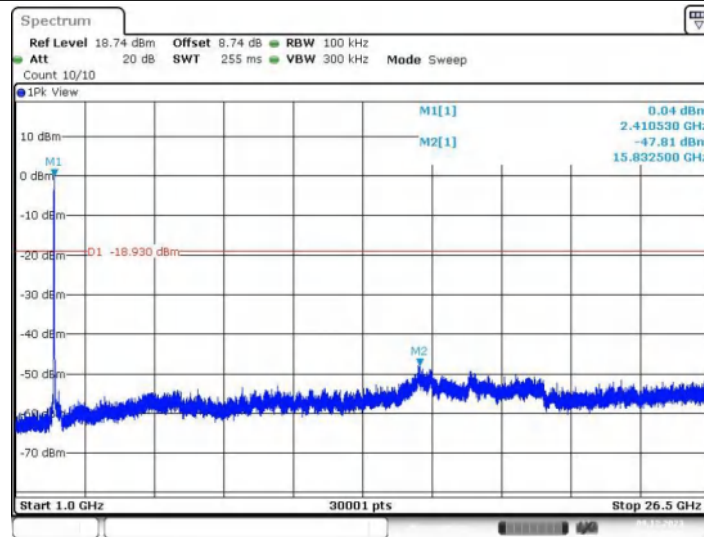


11G_Ant2_2412_30~1000



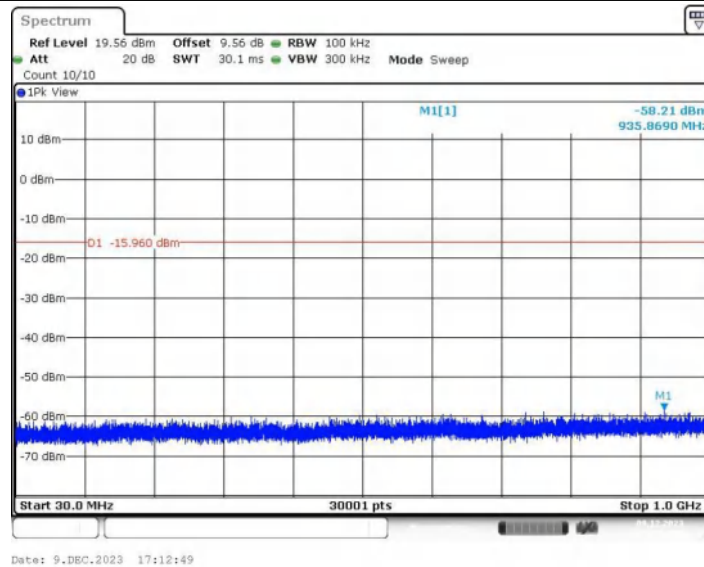
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11G_Ant2_2412_1000~26500

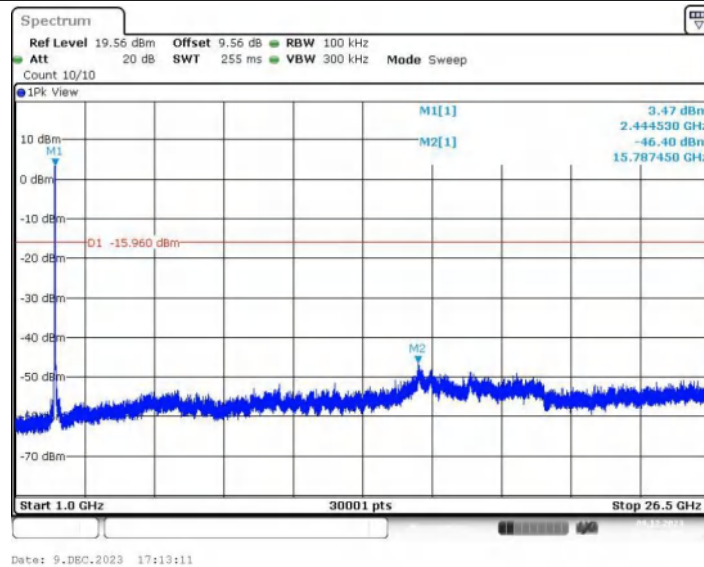


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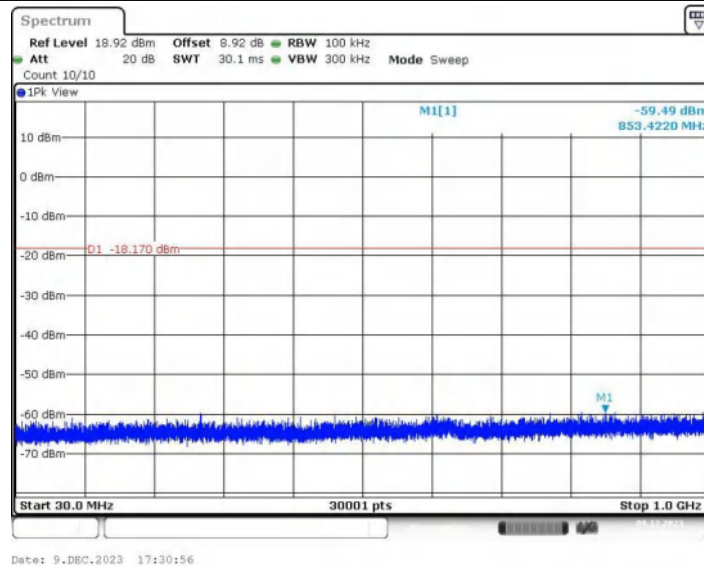
11G_Ant1_2437_30~1000



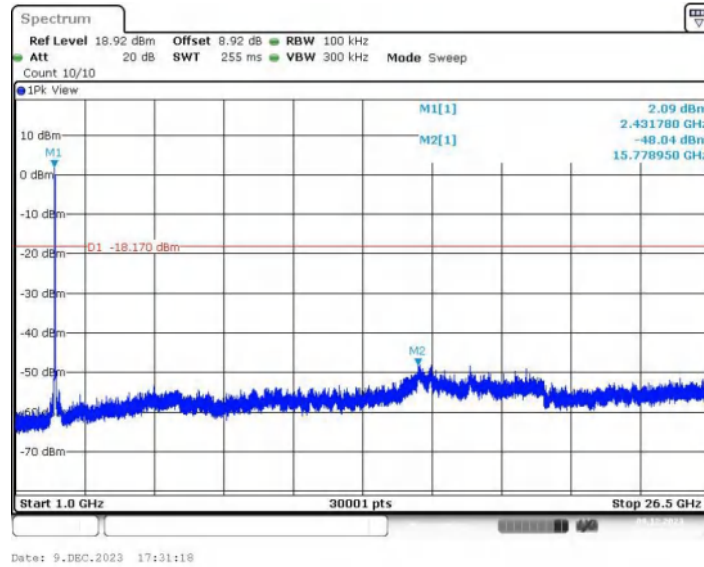
11G_Ant1_2437_1000~26500



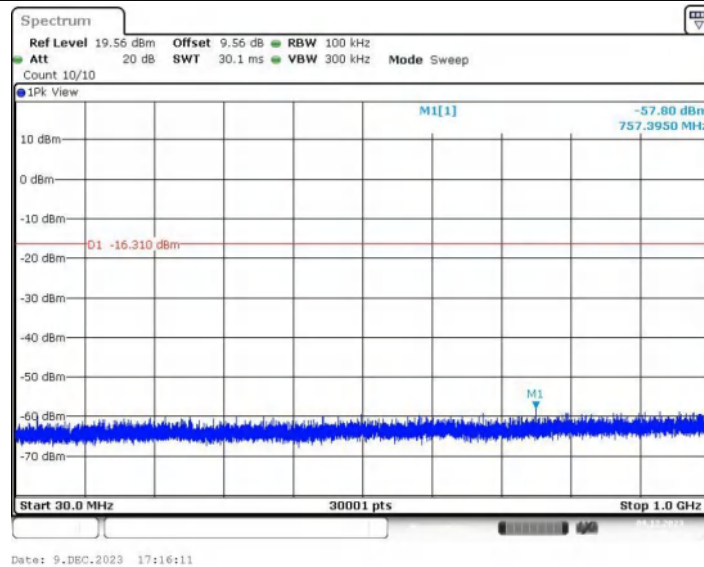
11G_Ant2_2437_30~1000



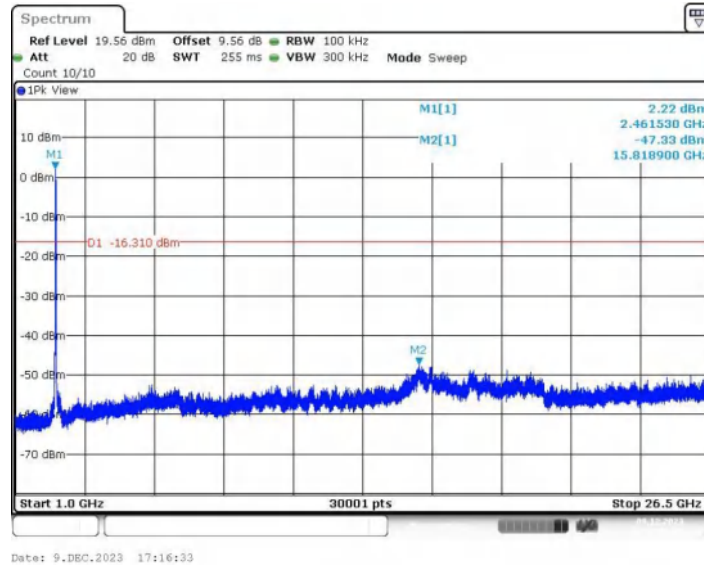
11G_Ant2_2437_1000~26500



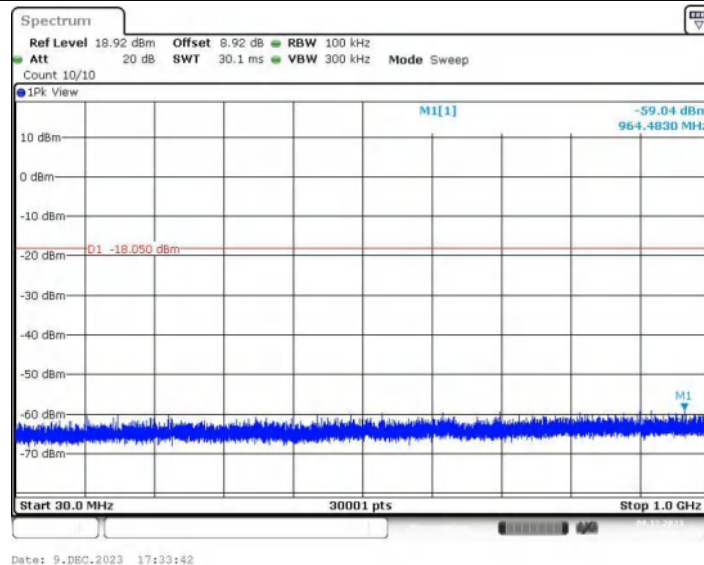
11G_Ant1_2462_30~1000



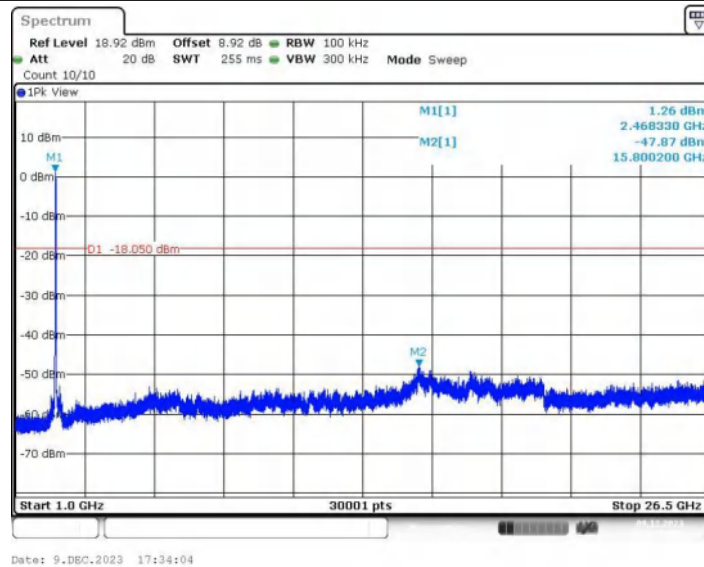
11G_Ant1_2462_1000~26500



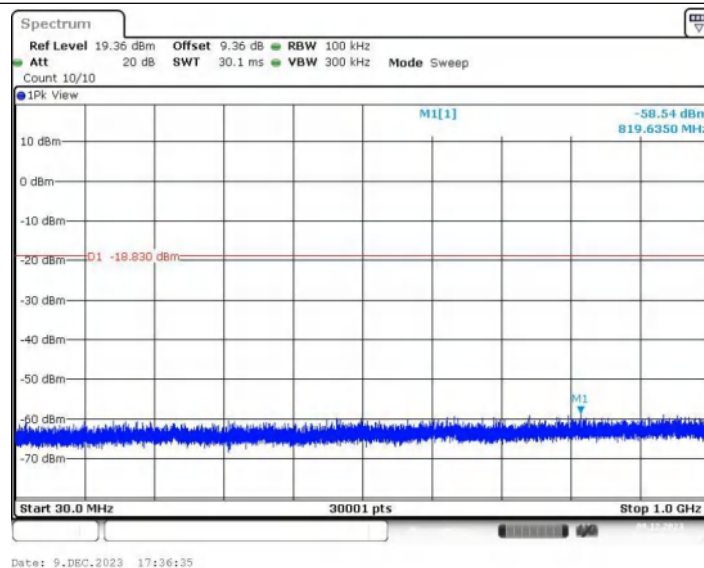
11G_Ant2_2462_30~1000



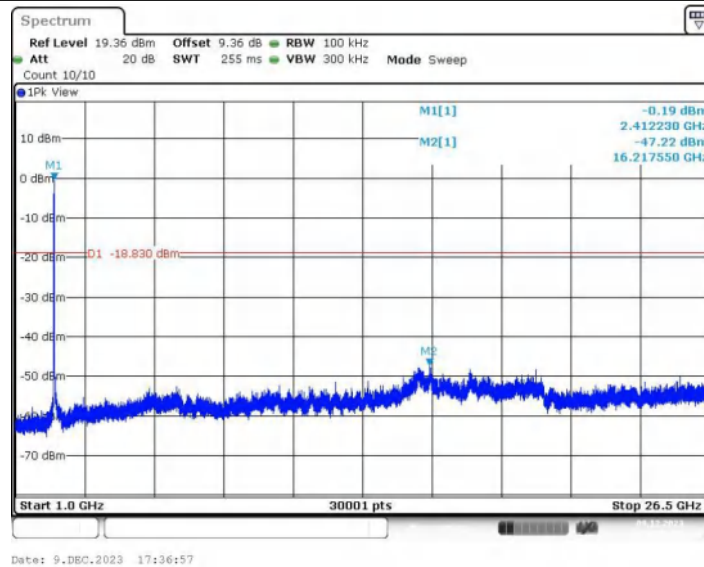
11G_Ant2_2462_1000~26500



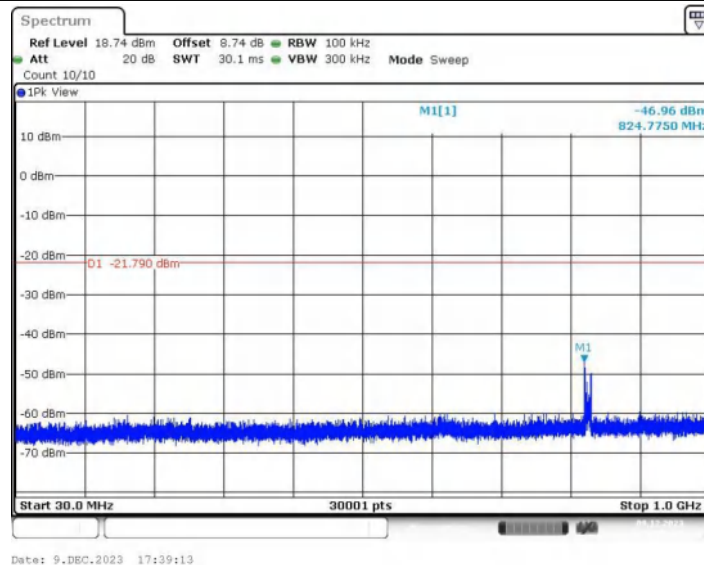
11N20MIMO_Ant1_2412_30~1000



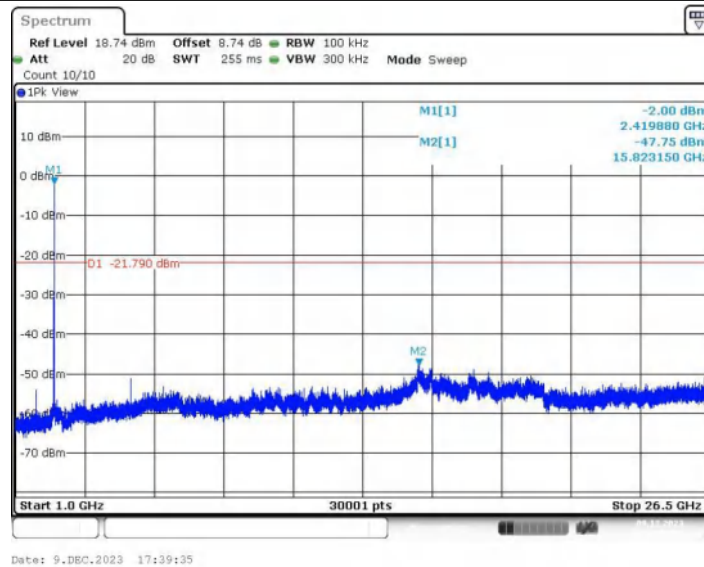
11N20MIMO_Ant1_2412_1000~26500



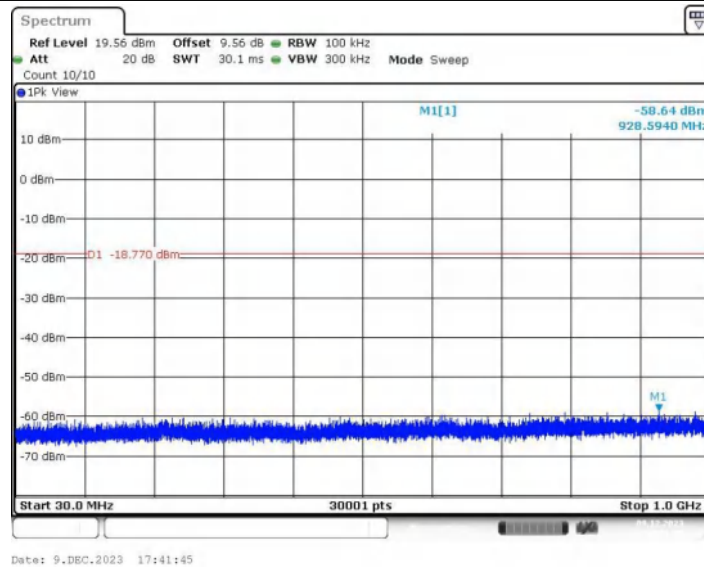
11N20MIMO_Ant2_2412_30~1000



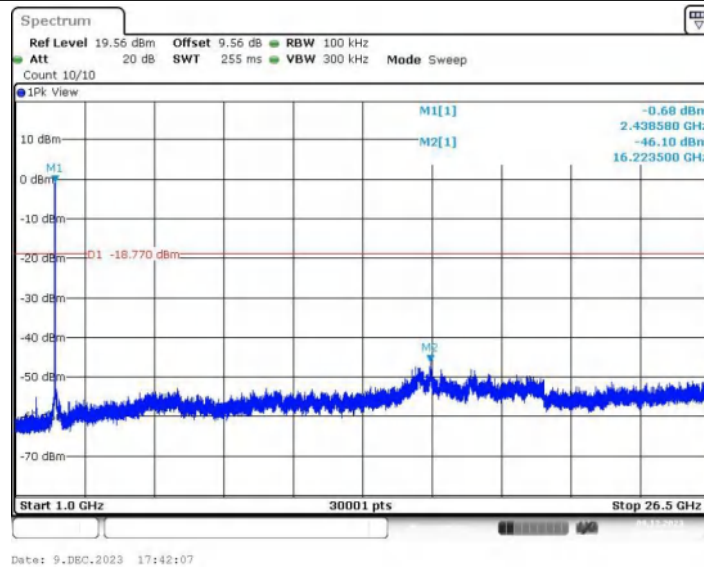
11N20MIMO_Ant2_2412_1000~26500



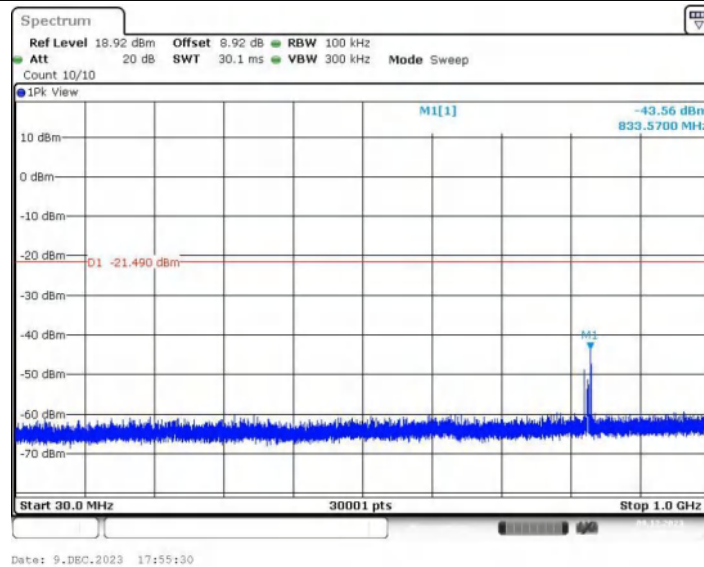
11N20MIMO_Ant1_2437_30~1000



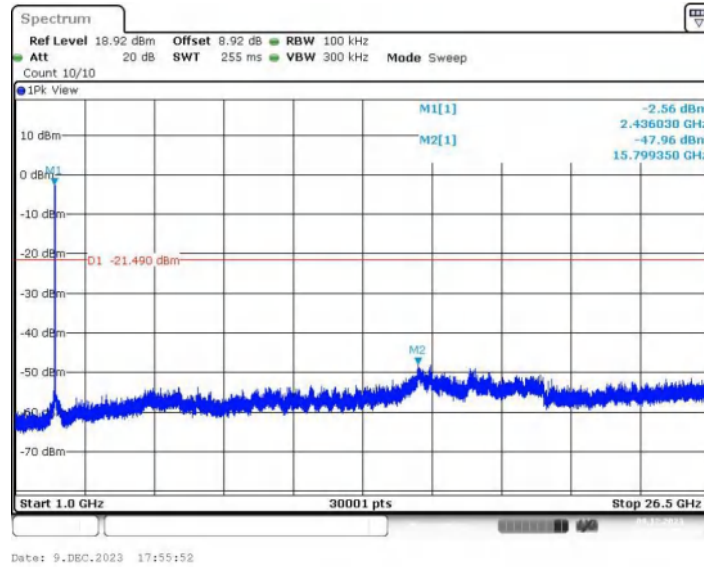
11N20MIMO_Ant1_2437_1000~26500



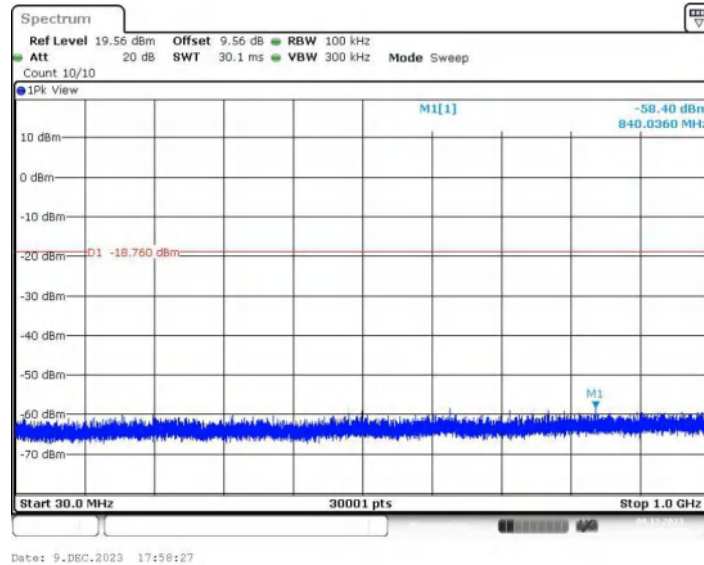
11N20MIMO_Ant2_2437_30~1000



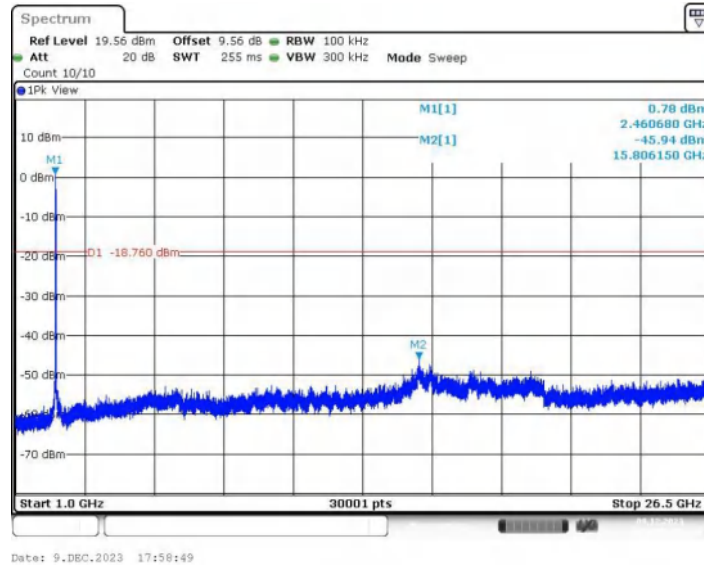
11N20MIMO_Ant2_2437_1000~26500



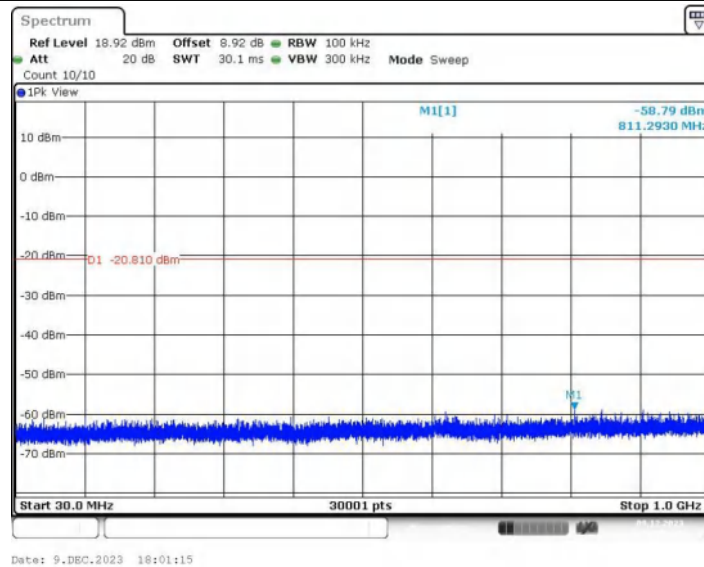
11N20MIMO_Ant1_2462_30~1000



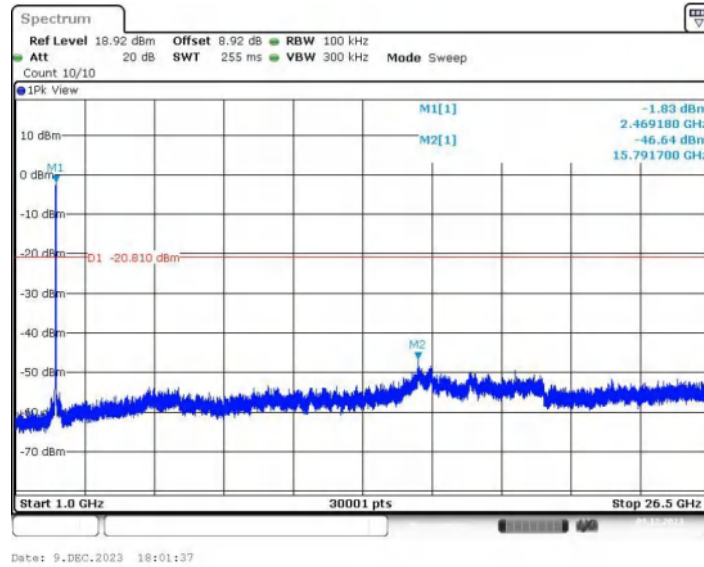
11N20MIMO_Ant1_2462_1000~26500



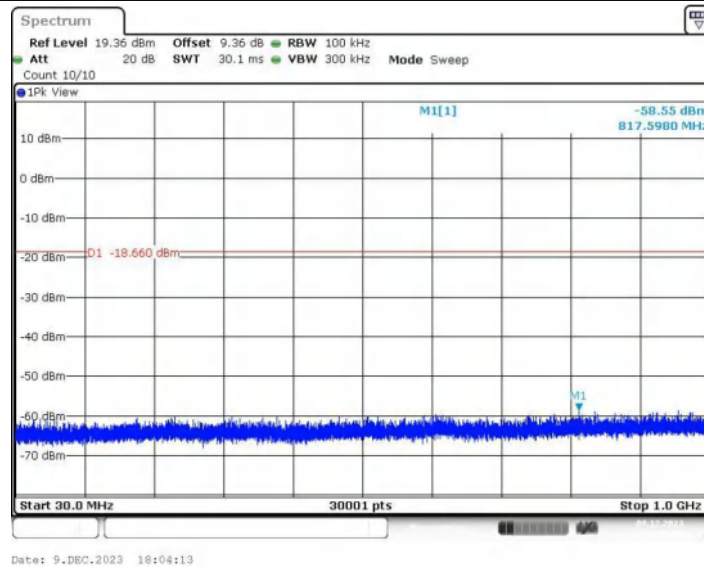
11N20MIMO_Ant2_2462_30~1000



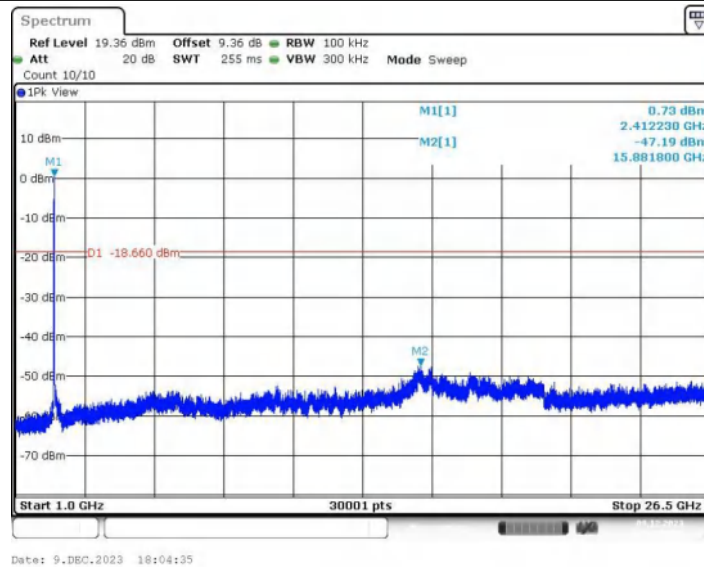
11N20MIMO_Ant2_2462_1000~26500



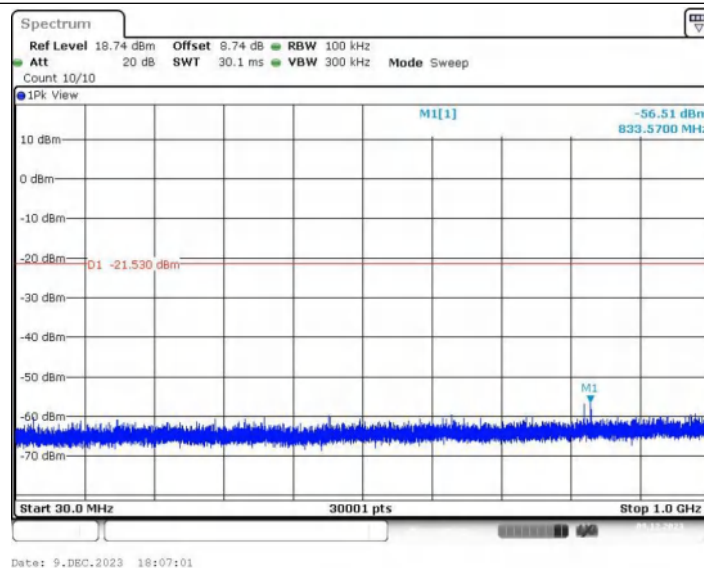
11AX20MIMO_Ant1_2412_30~1000



11AX20MIMO_Ant1_2412_1000~26500

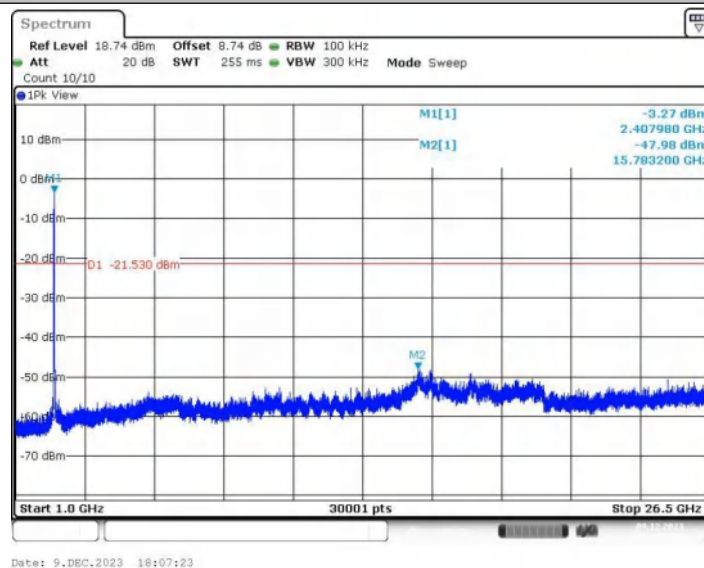


11AX20MIMO_Ant2_2412_30~1000



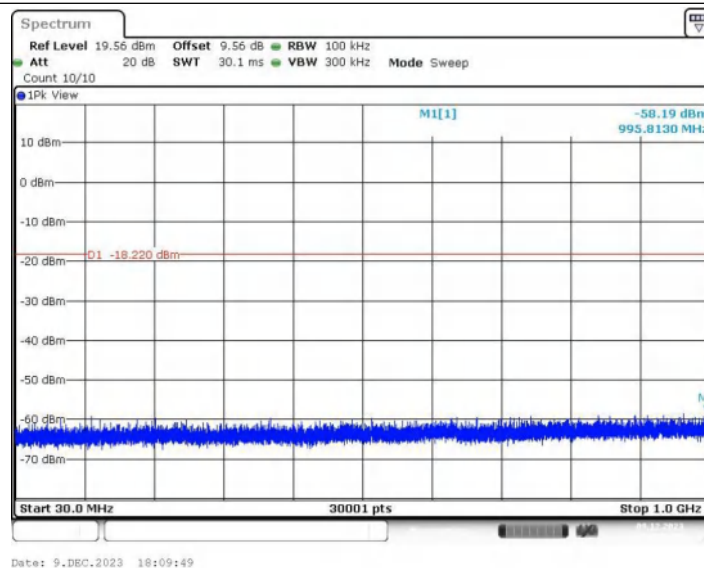
Date: 9.DEC.2023 18:07:01

11AX20MIMO_Ant2_2412_1000~26500



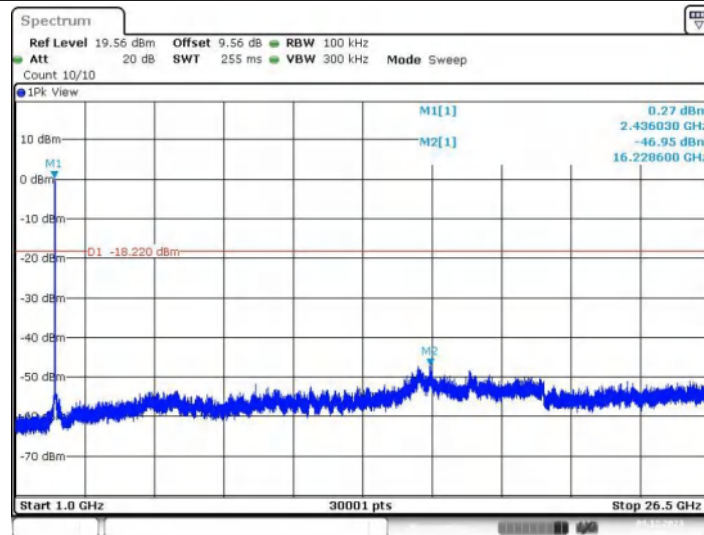
Date: 9.DEC.2023 18:07:23

11AX20MIMO_Ant1_2437_30~1000



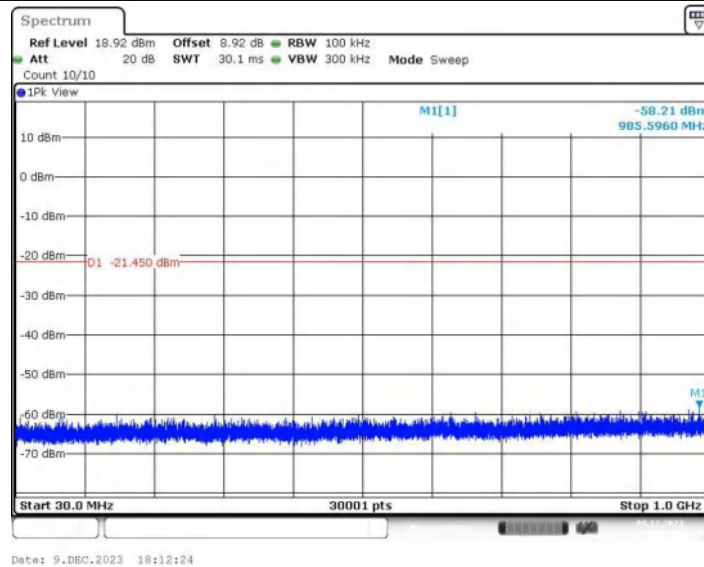
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11AX20MIMO_Ant1_2437_1000~26500

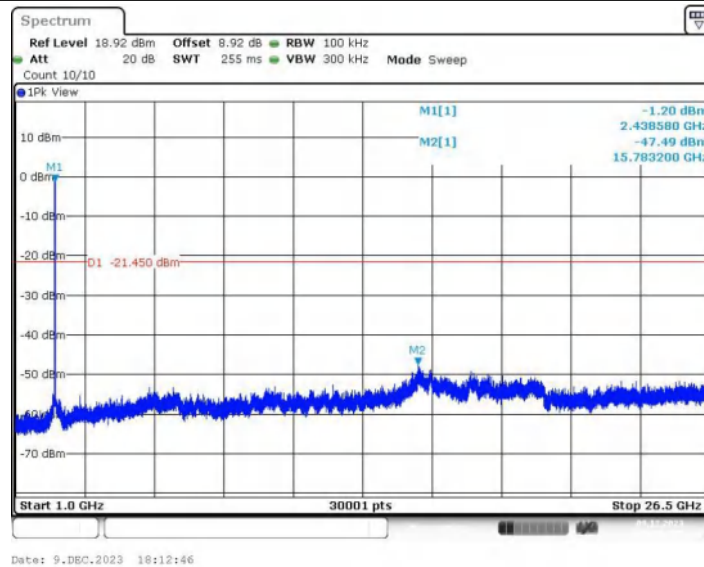


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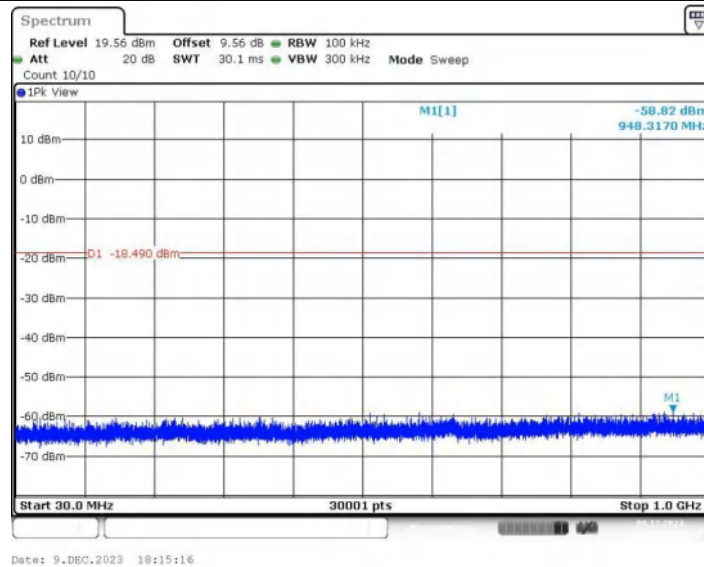
11AX20MIMO_Ant2_2437_30~1000



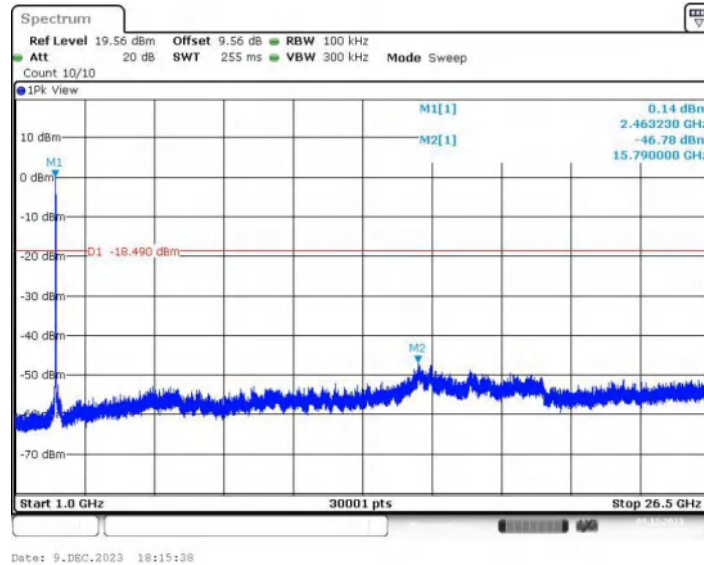
11AX20MIMO_Ant2_2437_1000~26500



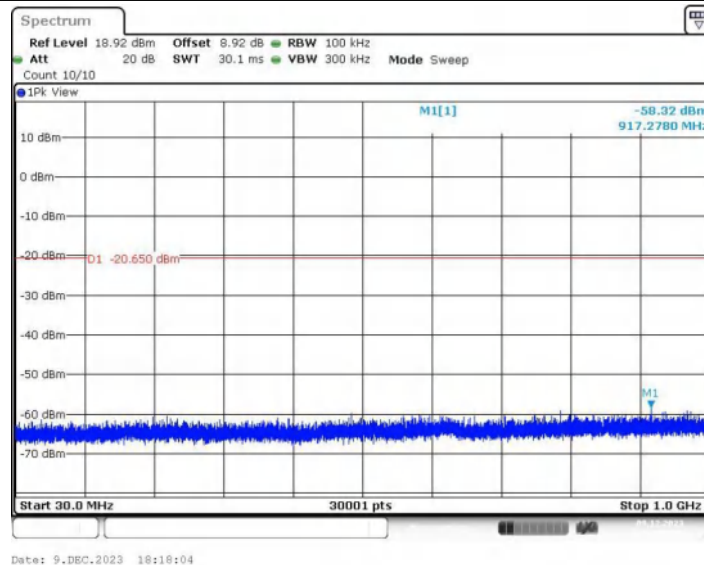
11AX20MIMO_Ant1_2462_30~1000



11AX20MIMO_Ant1_2462_1000~26500

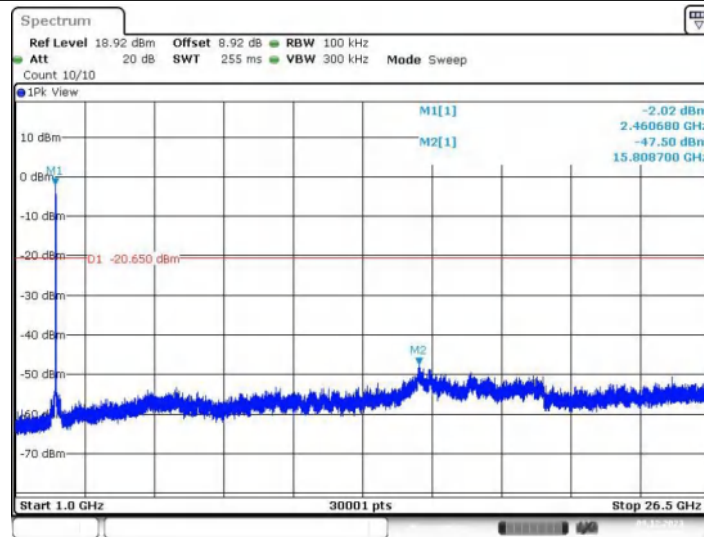


11AX20MIMO_Ant2_2462_30~1000



Date: 9.DEC.2023 18:18:04

11AX20MIMO_Ant2_2462_1000~26500



Date: 9.DEC.2023 18:18:26



Appendix H: Duty Cycle

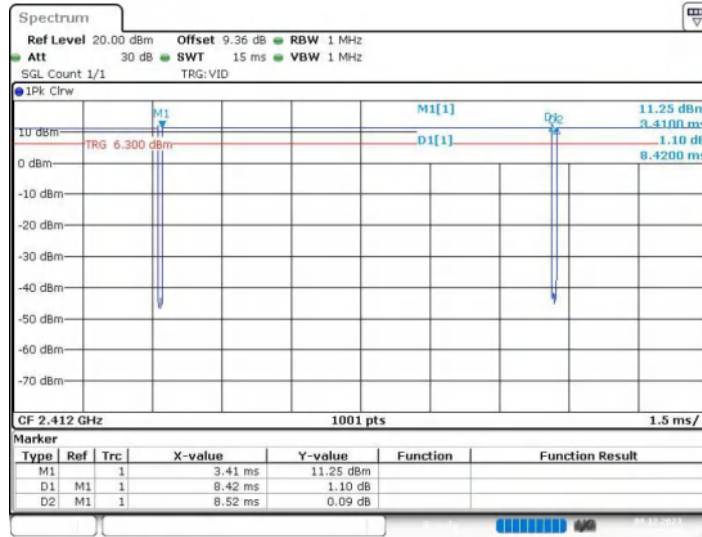
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.42	8.52	98.83
	Ant2	2412	8.43	8.52	98.94
	Ant1	2437	8.42	8.52	98.83
	Ant2	2437	8.44	8.52	99.06
	Ant1	2462	8.43	8.52	98.94
	Ant2	2462	8.43	8.52	98.94
11G	Ant1	2412	1.40	1.50	93.33
	Ant2	2412	1.39	1.49	93.29
	Ant1	2437	1.40	1.50	93.33
	Ant2	2437	1.40	1.50	93.33
	Ant1	2462	1.40	1.50	93.33
	Ant2	2462	1.40	1.50	93.33
11N20MIMO	Ant1	2412	1.31	1.41	92.91
	Ant2	2412	0.02	1.40	1.43
	Ant1	2437	1.31	1.41	92.91
	Ant2	2437	1.92	1.94	98.97
	Ant1	2462	1.92	1.94	98.97
	Ant2	2462	1.92	1.94	98.97
11AX20MIMO	Ant1	2412	1.02	1.13	90.27
	Ant2	2412	1.01	1.12	90.18
	Ant1	2437	1.02	1.12	91.07
	Ant2	2437	1.01	1.12	90.18
	Ant1	2462	1.01	1.12	90.18
	Ant2	2462	1.02	1.12	91.07



Test Graphs

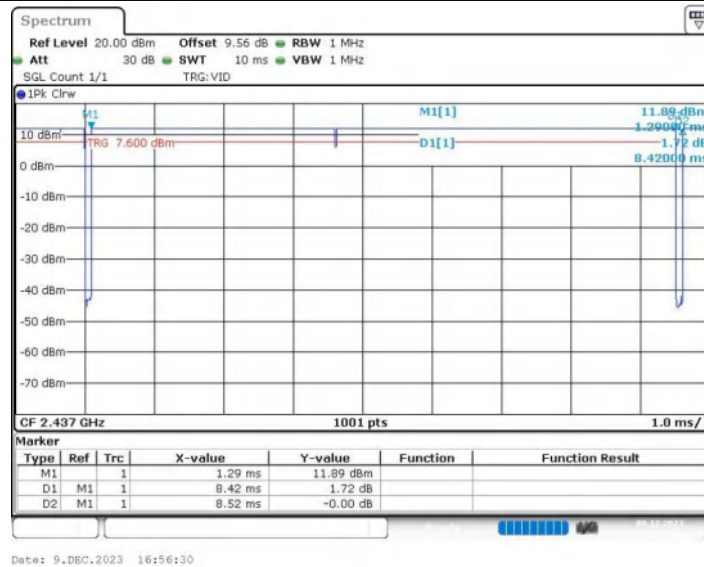
11B_Ant1_2412



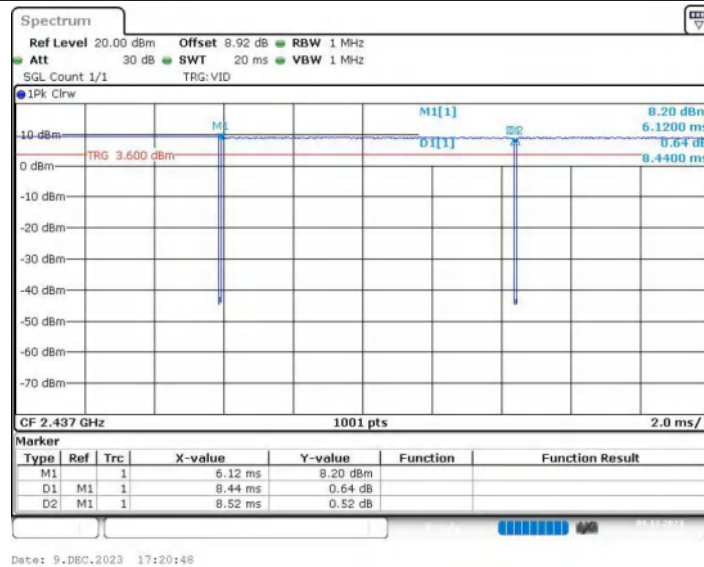
11B_Ant2_2412



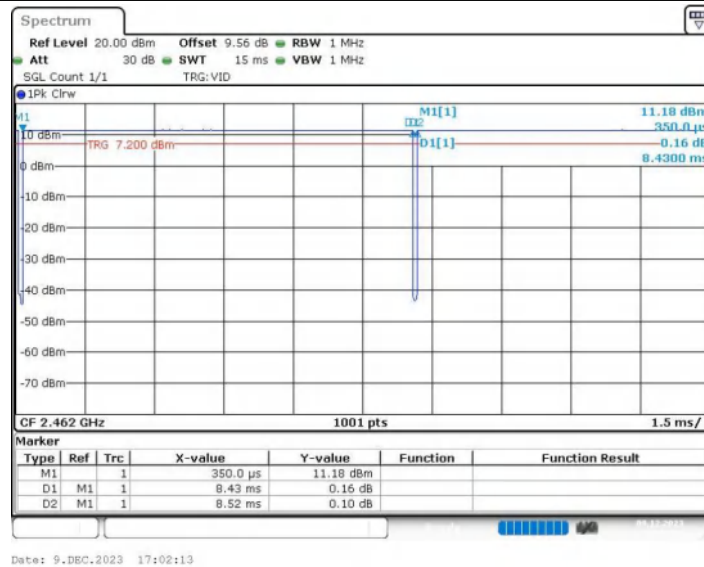
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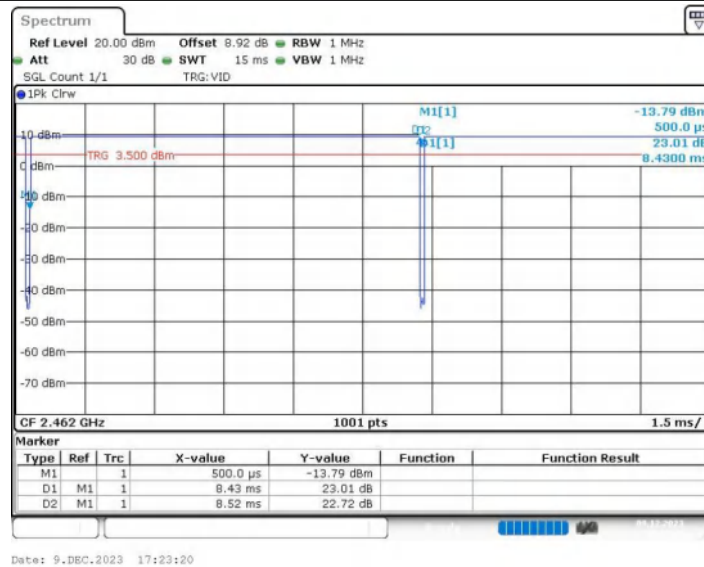
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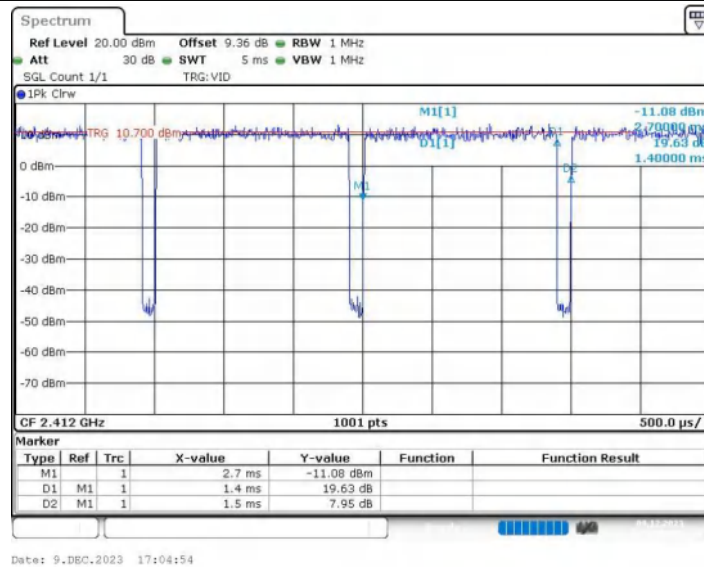
11B_Ant1_2462



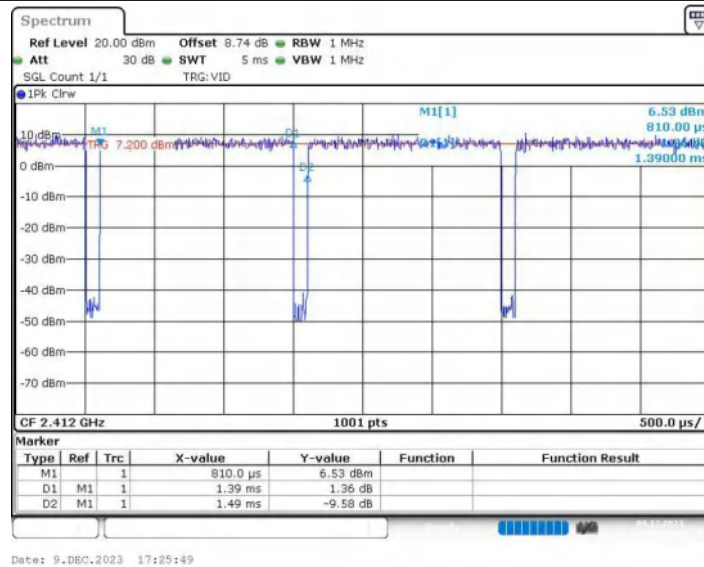
11B_Ant2_2462



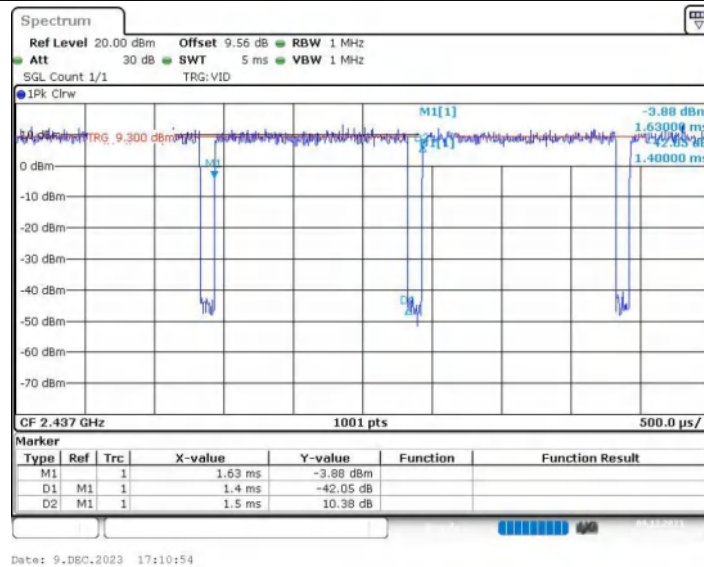
11G_Ant1_2412



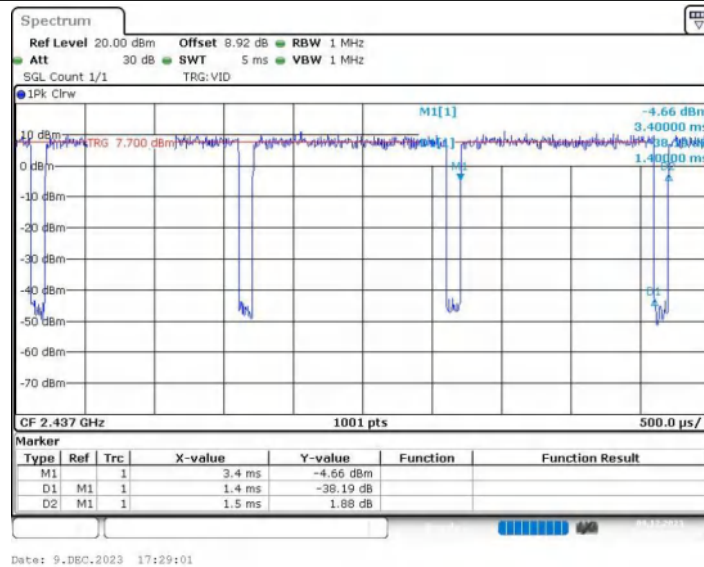
11G_Ant2_2412



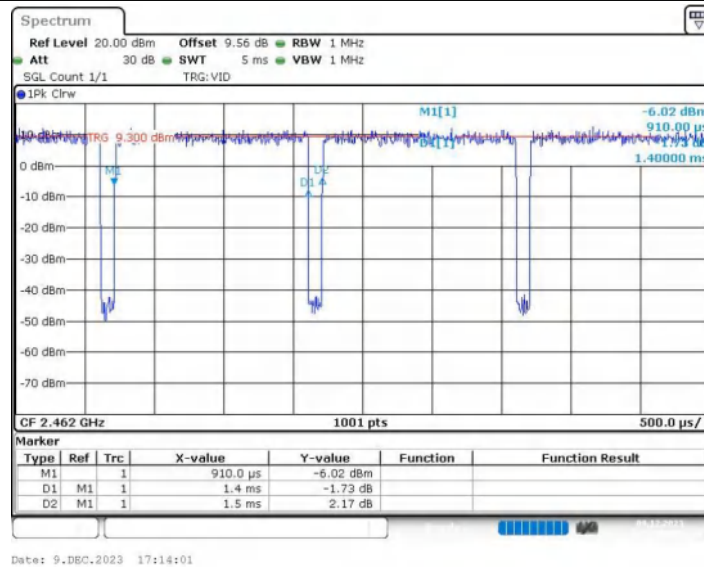
11G_Ant1_2437



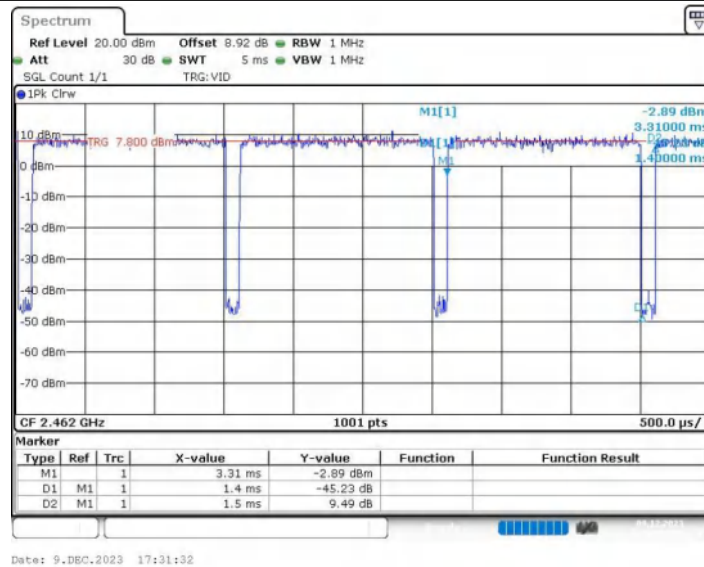
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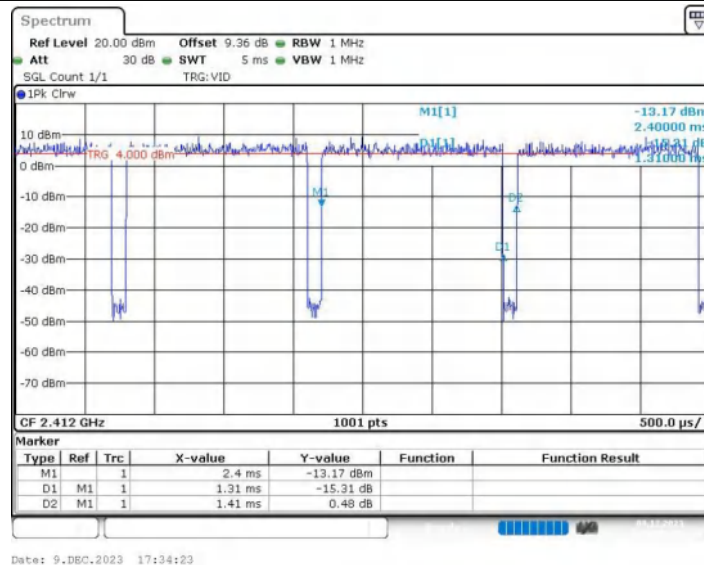
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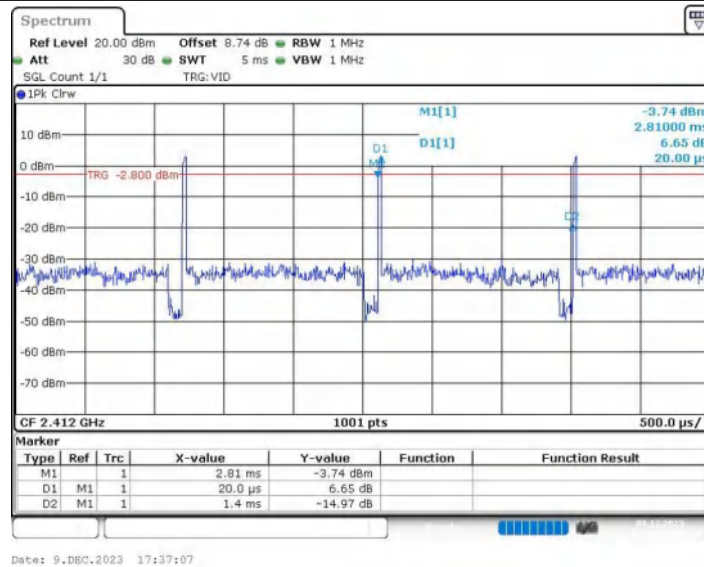
11G_Ant2_2462



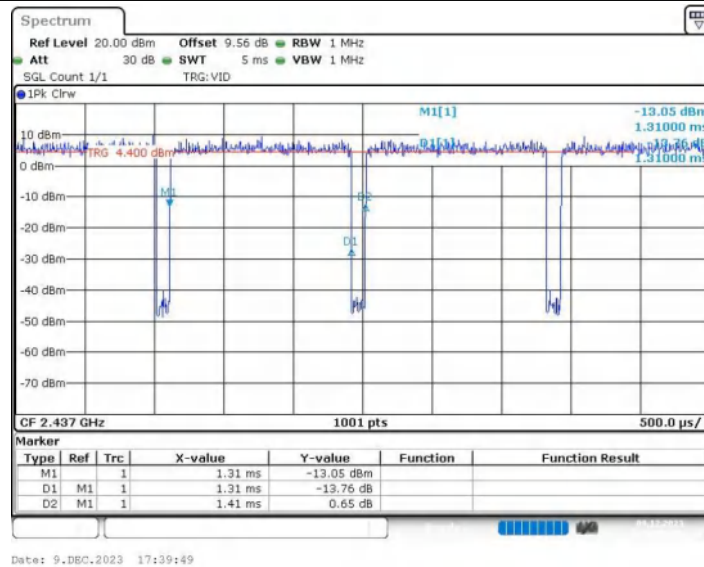
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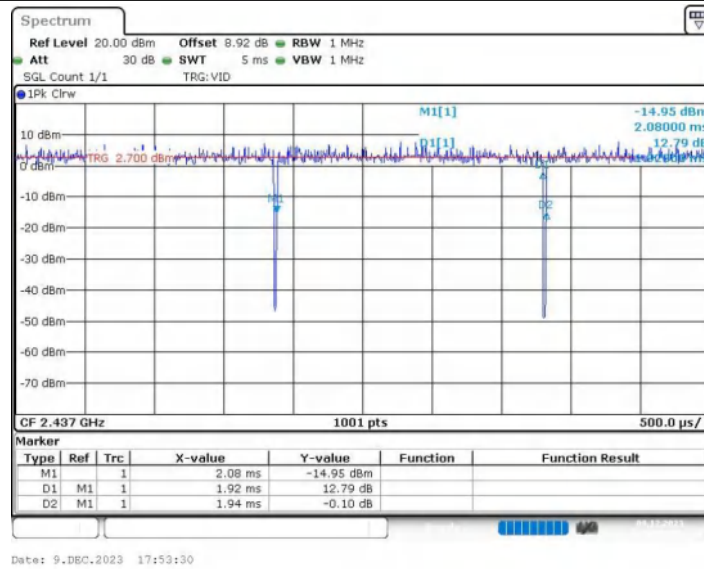
11N20MIMO_Ant2_2412



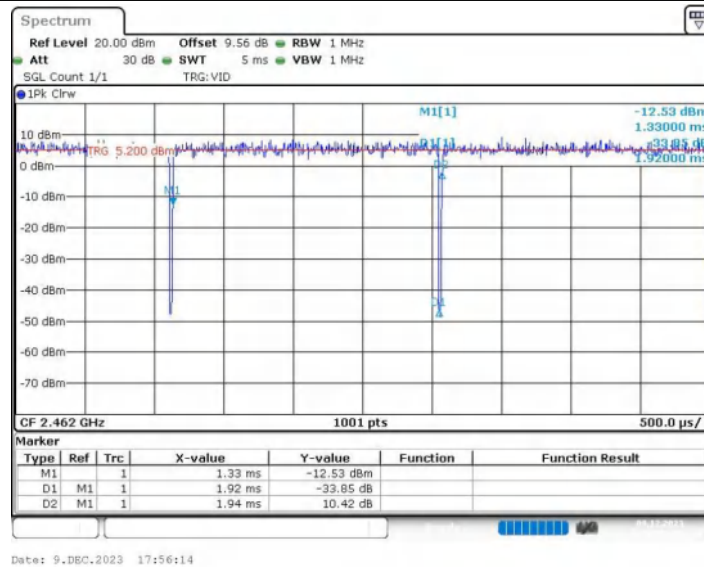
11N20MIMO_Ant1_2437



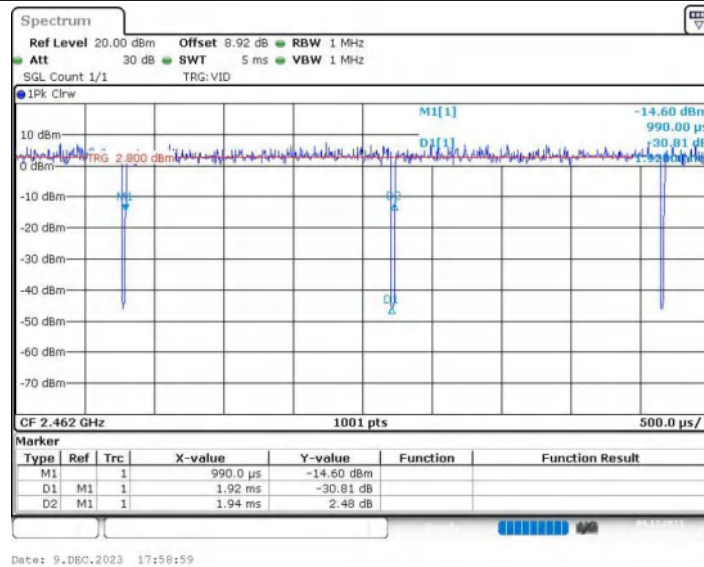
11N20MIMO_Ant2_2437



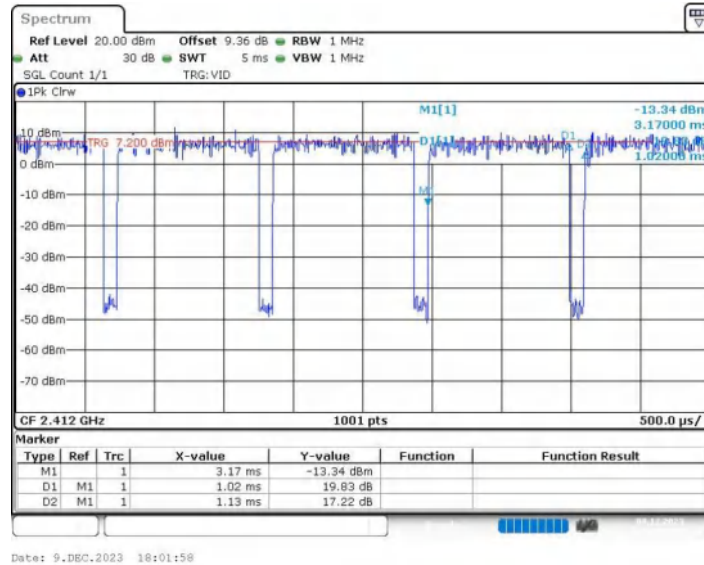
11N20MIMO_Ant1_2462



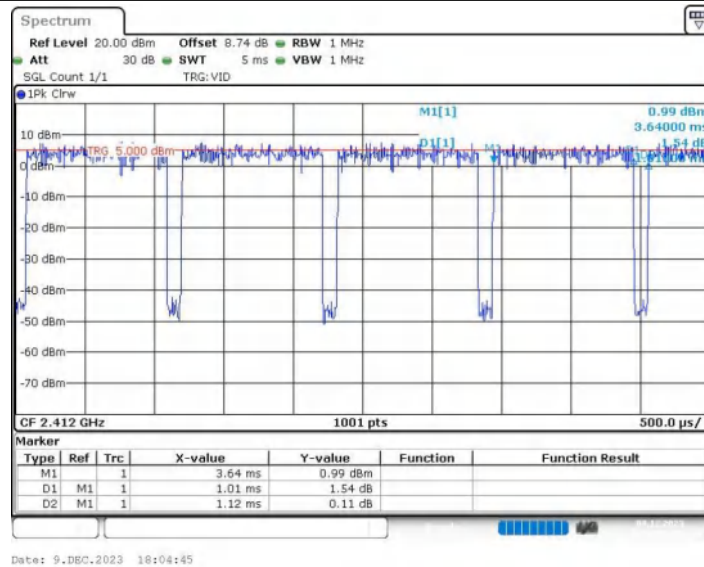
11N20MIMO_Ant2_2462



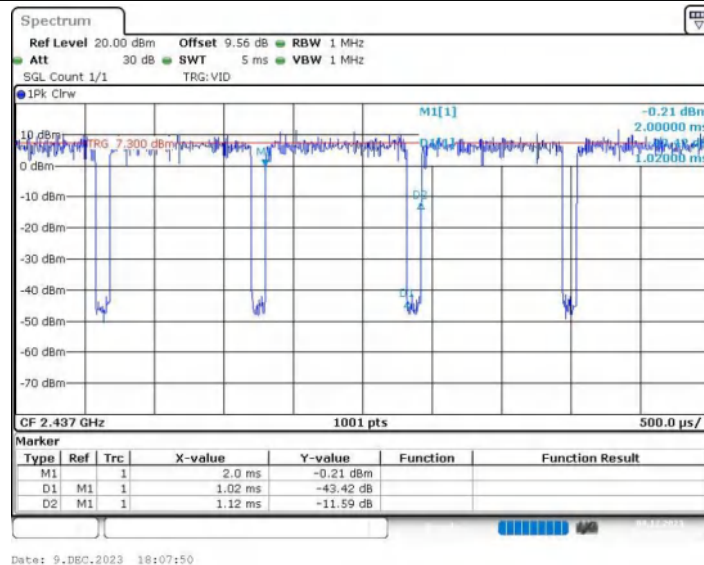
11AX20MIMO_Ant1_2412



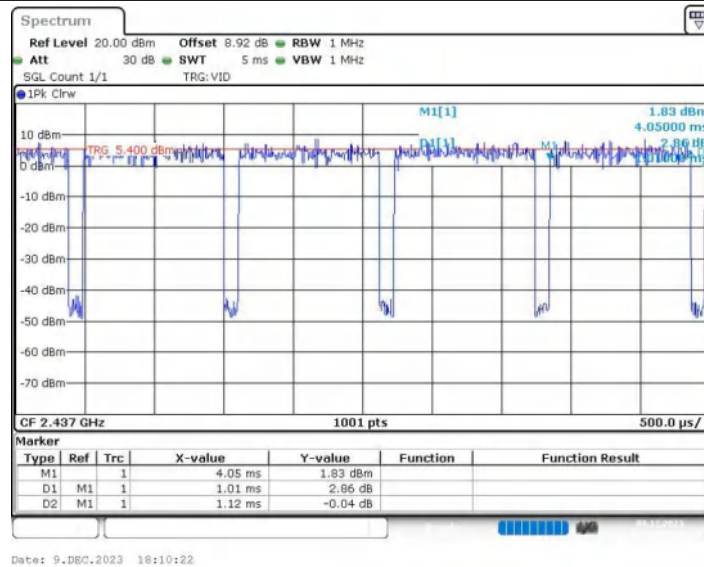
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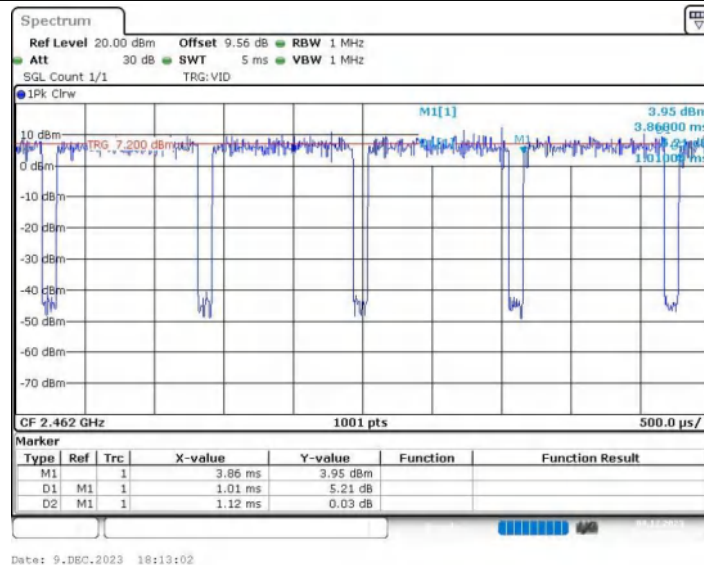
11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462

