

RF Test Data for 2.4G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	Portable Gaming Computer(Tablet computer)
Test Model:	AYANEO Pocket S
Sample ID:	HC-C-202402-0101-01-04-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 3.85V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202402-0101-32	

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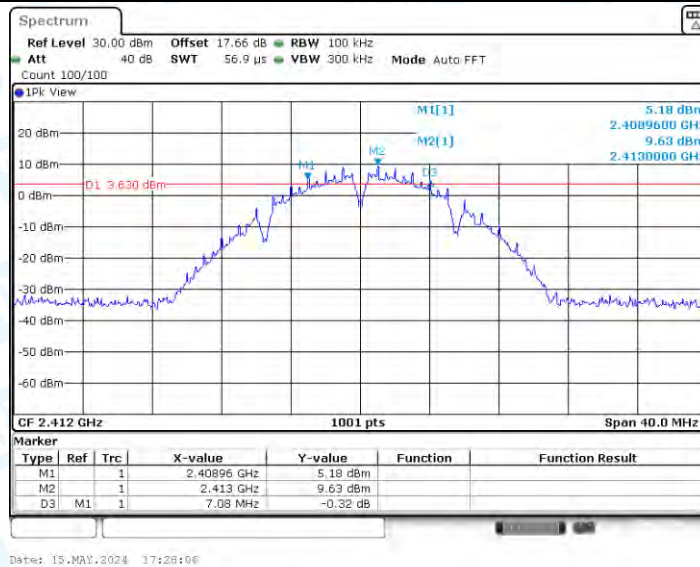
1. DTS Bandwidth

1.1. Test Result

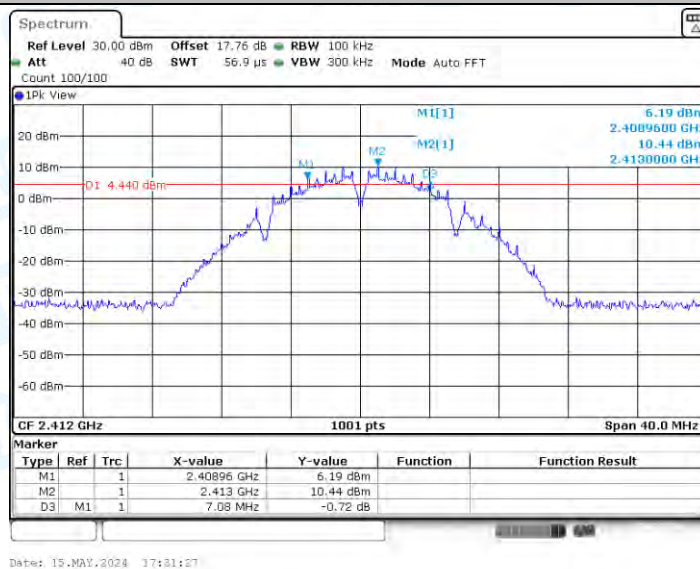
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	7.08	2408.96	2416.04	0.5	PASS
	Ant2	2412	7.08	2408.96	2416.04	0.5	PASS
	Ant1	2437	7.60	2432.96	2440.56	0.5	PASS
	Ant2	2437	8.08	2432.48	2440.56	0.5	PASS
	Ant1	2462	8.04	2457.96	2466.00	0.5	PASS
	Ant2	2462	7.28	2458.28	2465.56	0.5	PASS
11G-CDD	Ant1	2412	15.76	2404.44	2420.20	0.5	PASS
	Ant2	2412	15.72	2404.44	2420.16	0.5	PASS
	Ant1	2437	16.36	2428.80	2445.16	0.5	PASS
	Ant2	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant1	2462	16.32	2453.84	2470.16	0.5	PASS
	Ant2	2462	16.32	2453.84	2470.16	0.5	PASS
11N20MIMO	Ant1	2412	17.72	2403.20	2420.92	0.5	PASS
	Ant2	2412	17.72	2403.20	2420.92	0.5	PASS
	Ant1	2437	17.84	2428.08	2445.92	0.5	PASS
	Ant2	2437	17.68	2428.12	2445.80	0.5	PASS
	Ant1	2462	17.60	2453.20	2470.80	0.5	PASS
	Ant2	2462	17.72	2453.12	2470.84	0.5	PASS
11N40MIMO	Ant1	2422	35.04	2405.12	2440.16	0.5	PASS
	Ant2	2422	33.04	2404.88	2437.92	0.5	PASS
	Ant1	2437	36.56	2418.76	2455.32	0.5	PASS
	Ant2	2437	36.64	2418.68	2455.32	0.5	PASS
	Ant1	2452	36.32	2433.84	2470.16	0.5	PASS
	Ant2	2452	36.32	2433.84	2470.16	0.5	PASS
11AX20MIMO	Ant1	2412	18.80	2402.76	2421.56	0.5	PASS
	Ant2	2412	18.68	2402.84	2421.52	0.5	PASS
	Ant1	2437	19.16	2427.40	2446.56	0.5	PASS
	Ant2	2437	19.04	2427.44	2446.48	0.5	PASS
	Ant1	2462	19.08	2452.48	2471.56	0.5	PASS
	Ant2	2462	18.92	2452.52	2471.44	0.5	PASS
11AX40MIMO	Ant1	2422	38.00	2403.04	2441.04	0.5	PASS
	Ant2	2422	38.32	2402.80	2441.12	0.5	PASS
	Ant1	2437	38.24	2417.88	2456.12	0.5	PASS
	Ant2	2437	38.24	2417.88	2456.12	0.5	PASS
	Ant1	2452	38.16	2432.96	2471.12	0.5	PASS
	Ant2	2452	37.84	2433.12	2470.96	0.5	PASS

1.2. Test Graphs

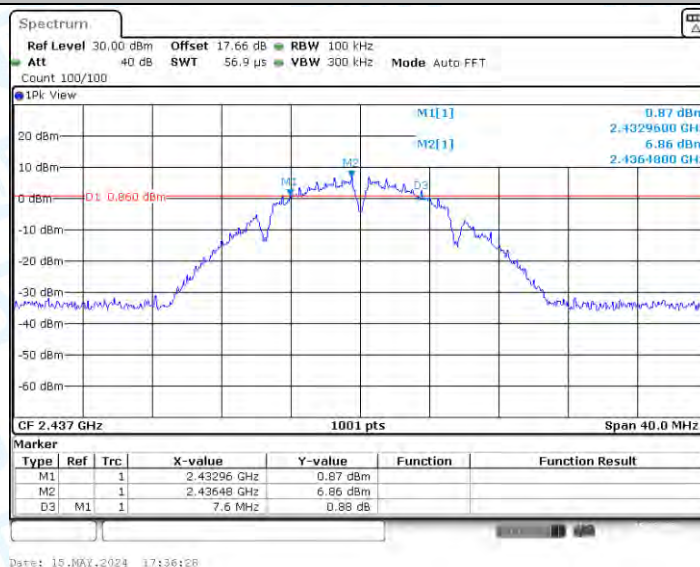
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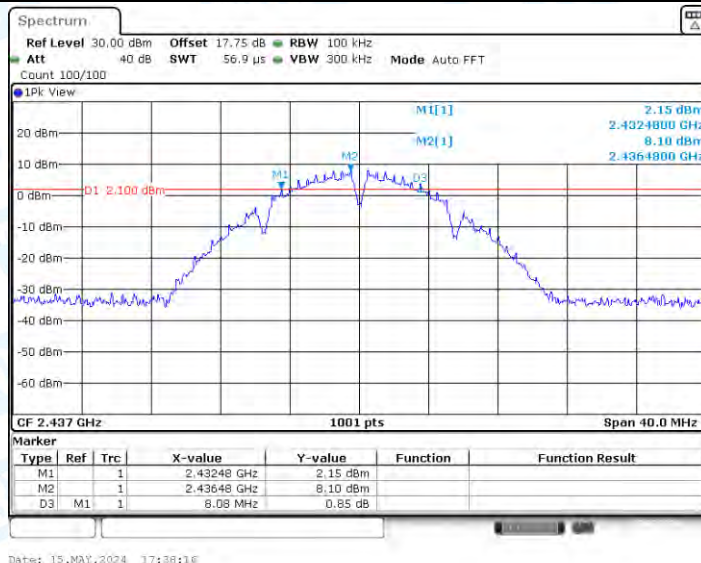
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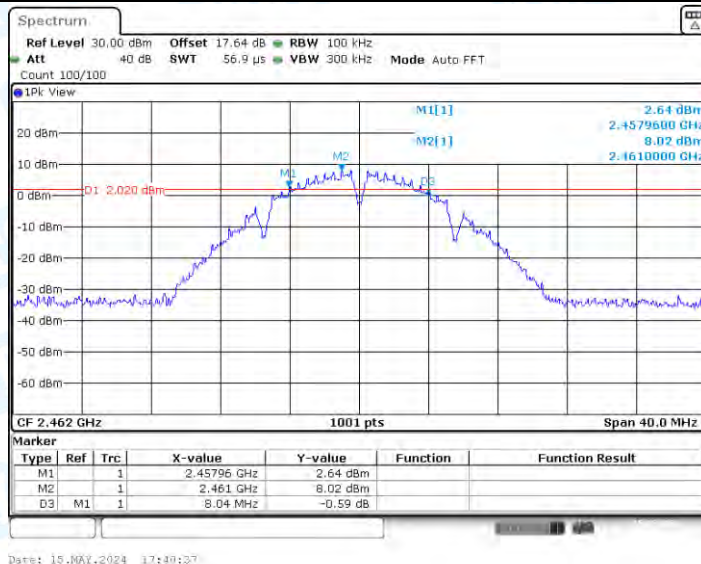
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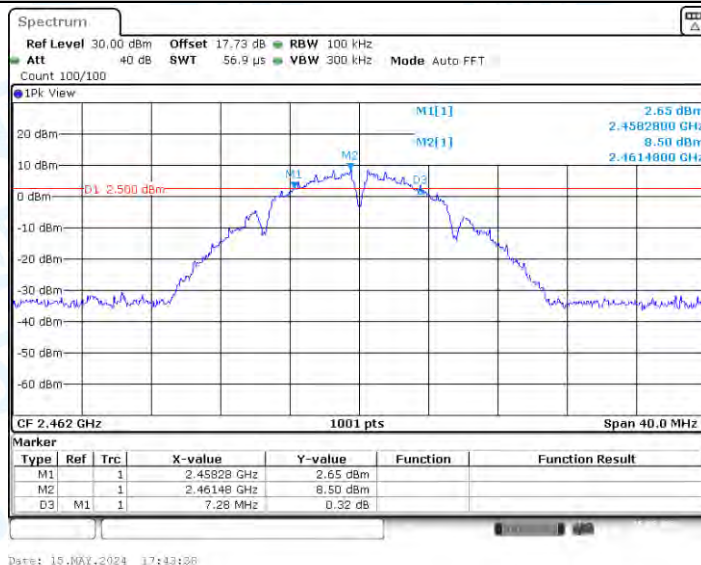
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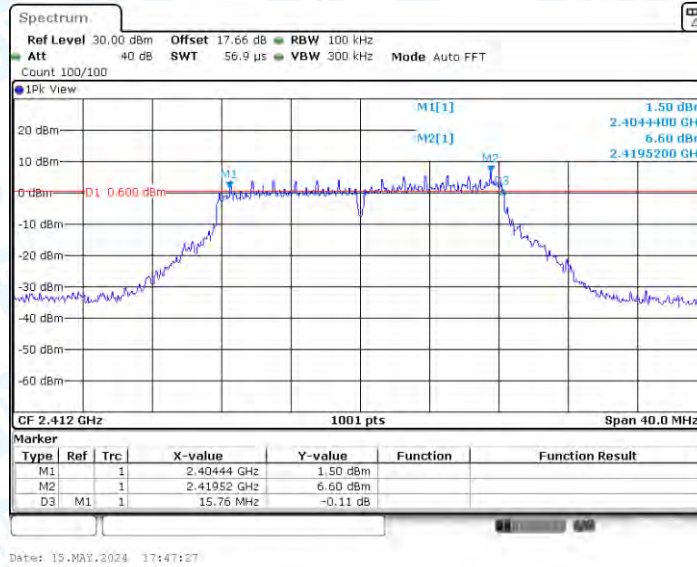
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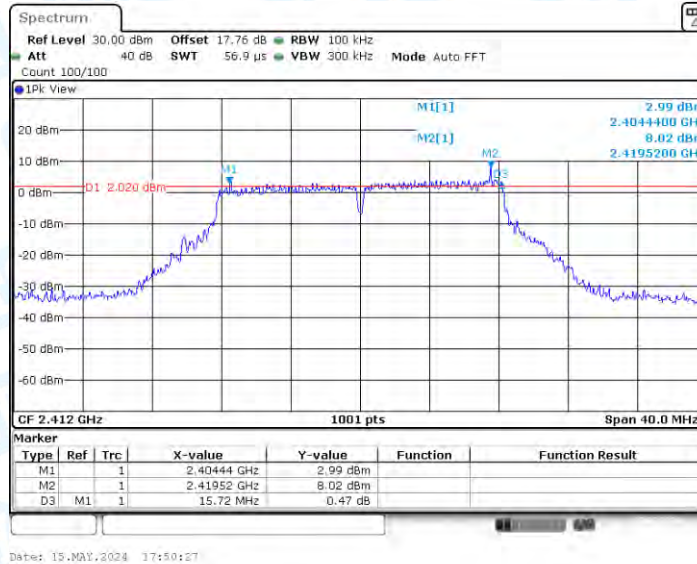
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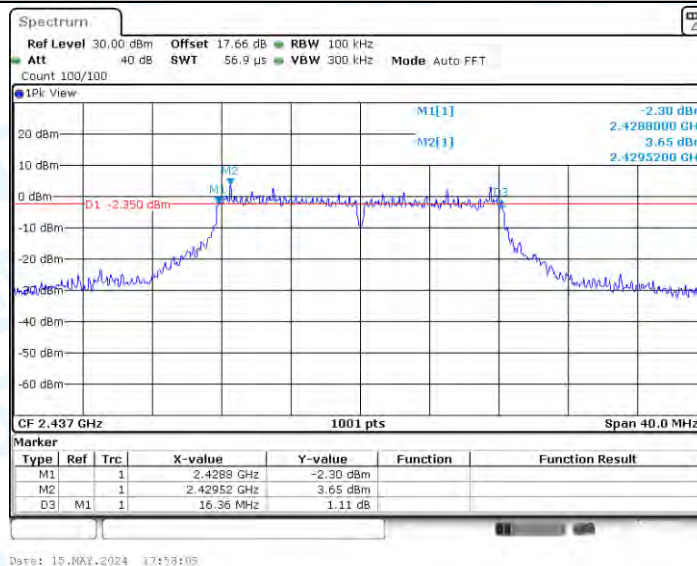
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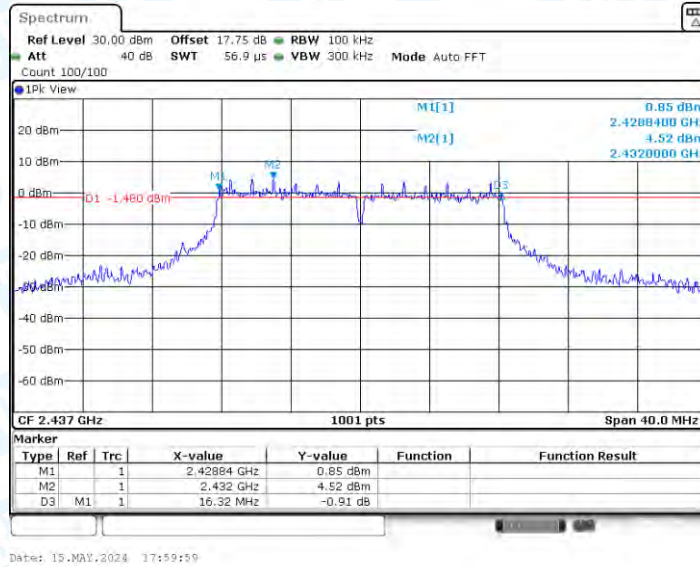
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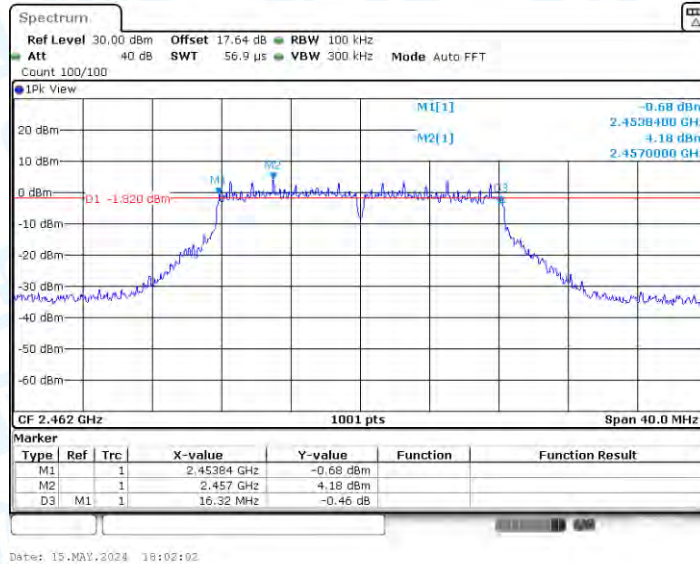
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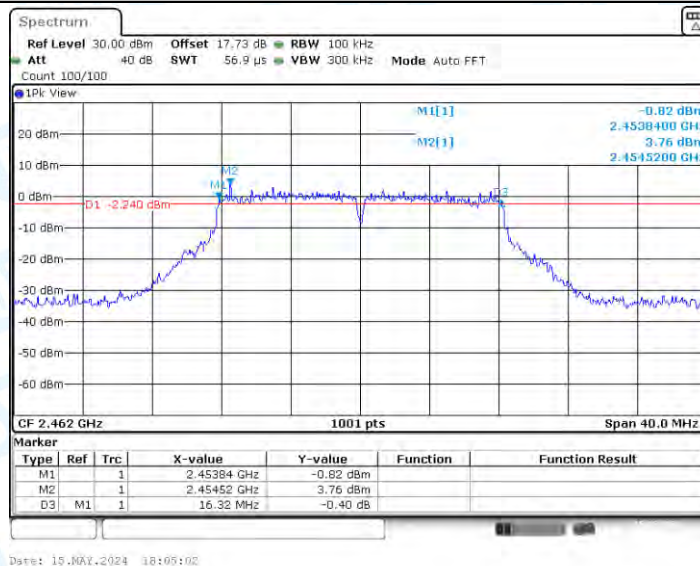
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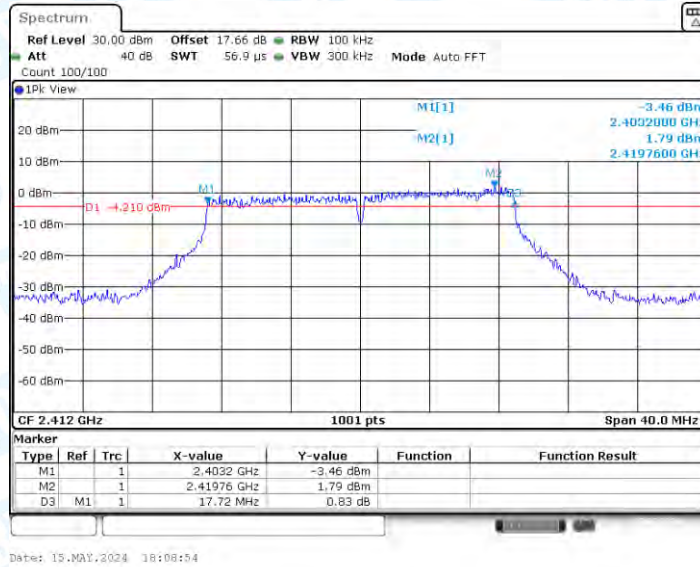
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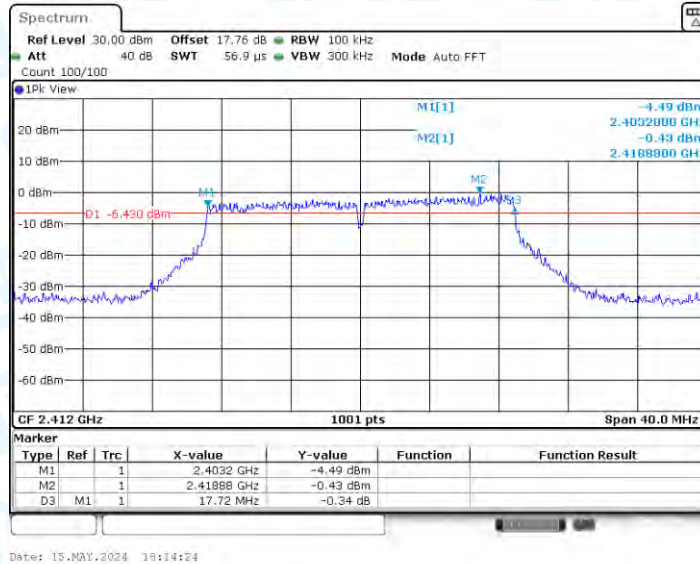
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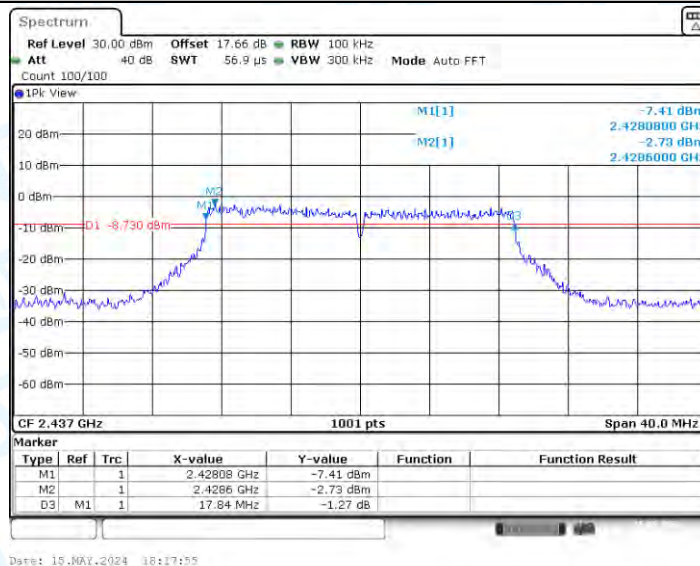
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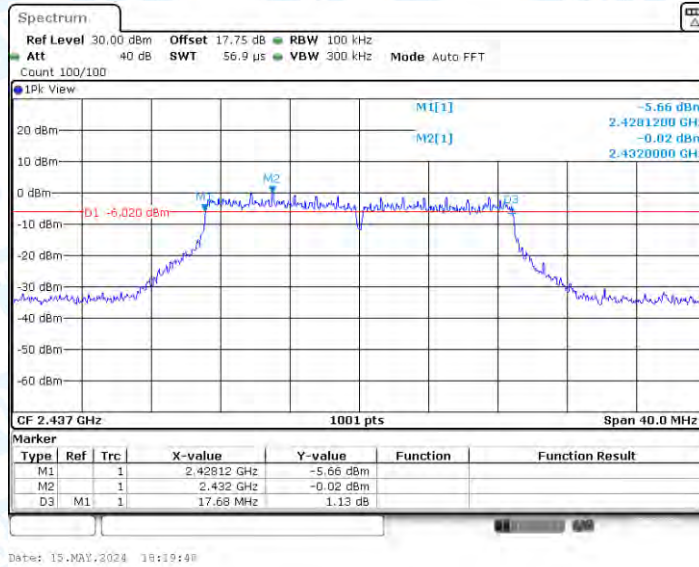
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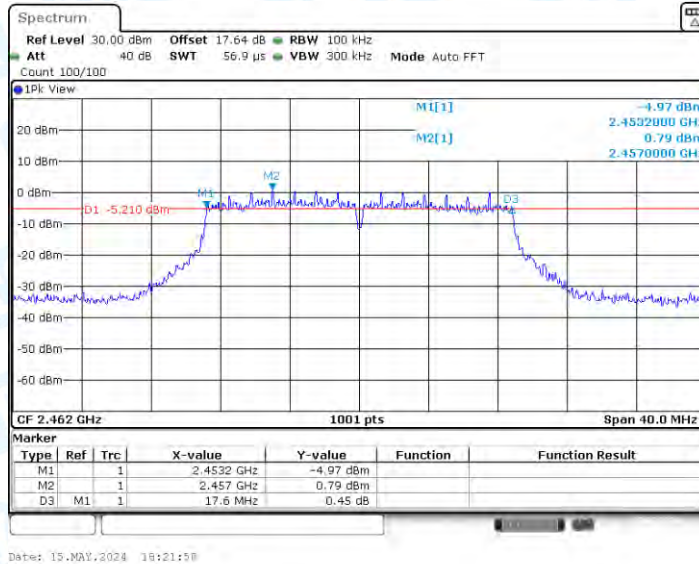
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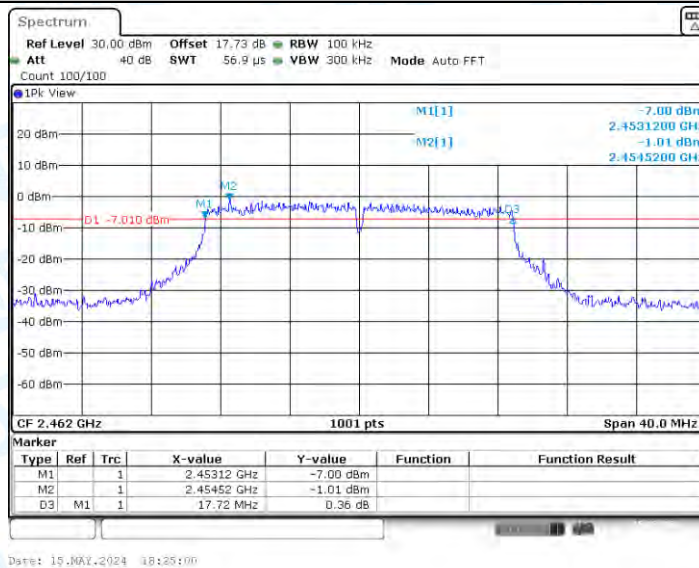
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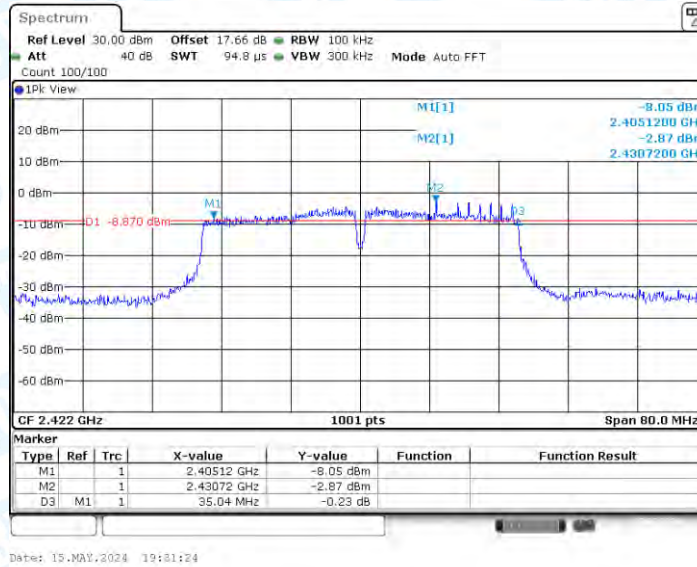
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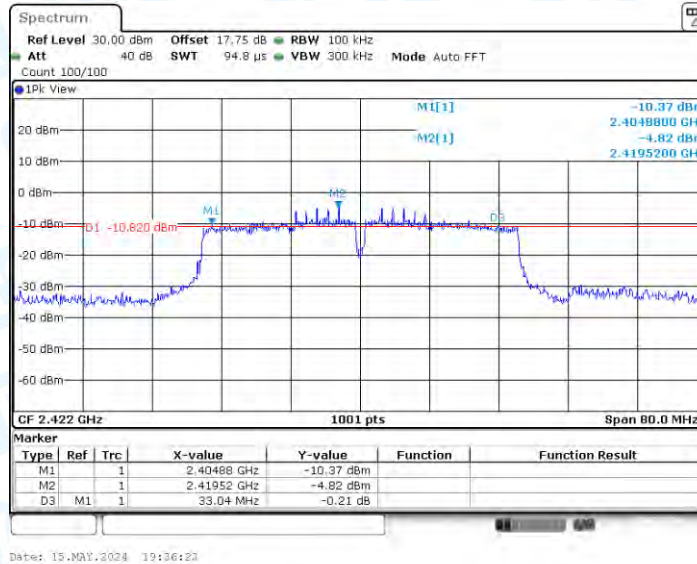
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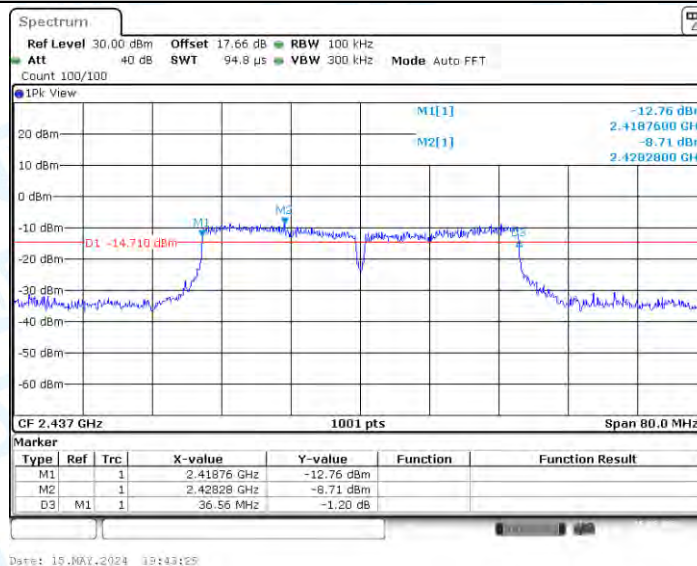
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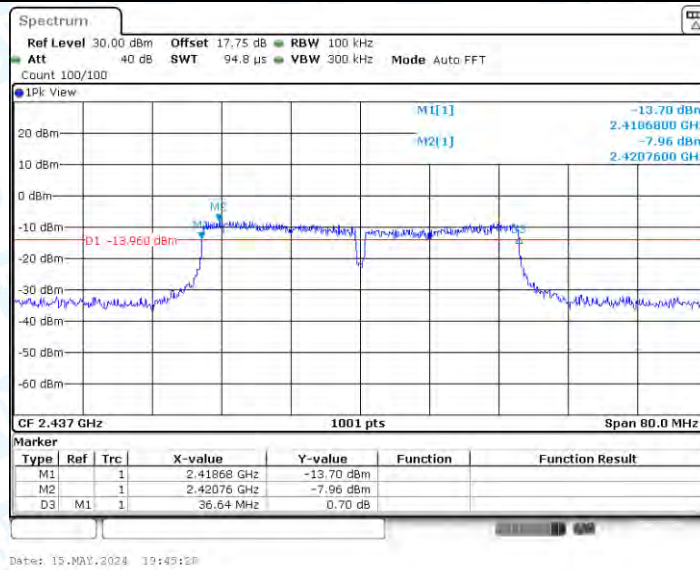
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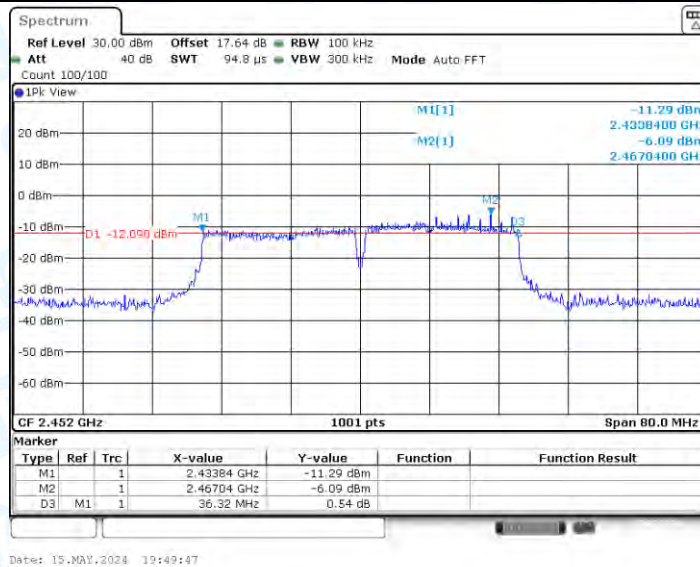
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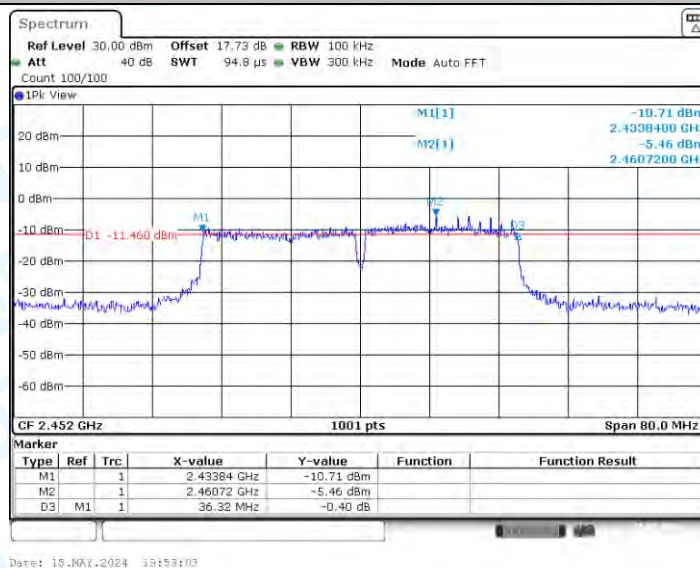
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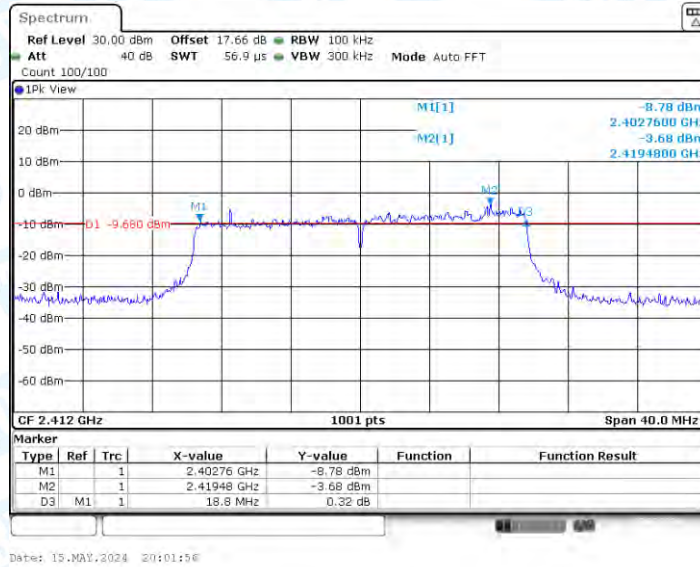
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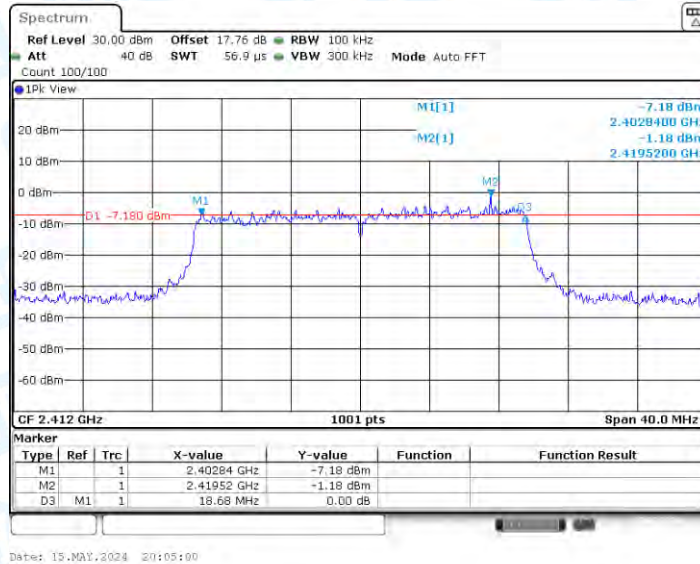
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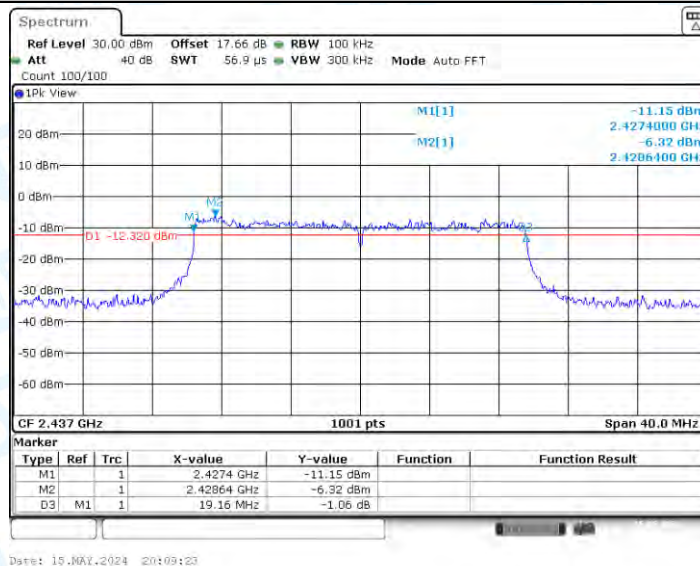
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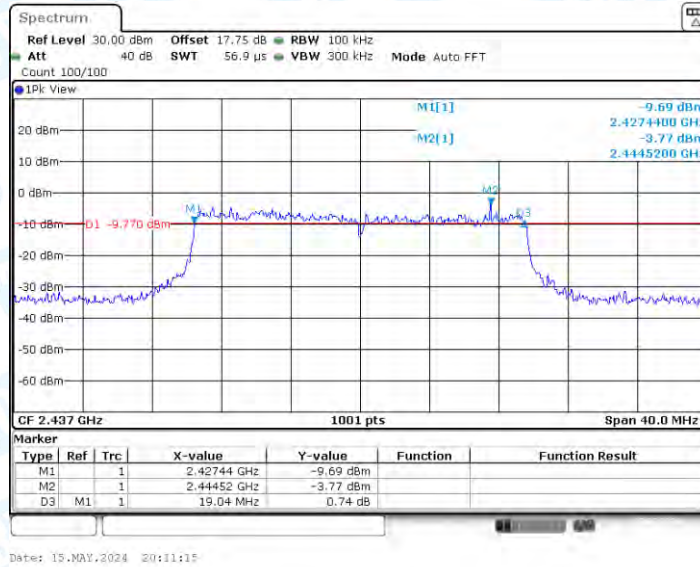
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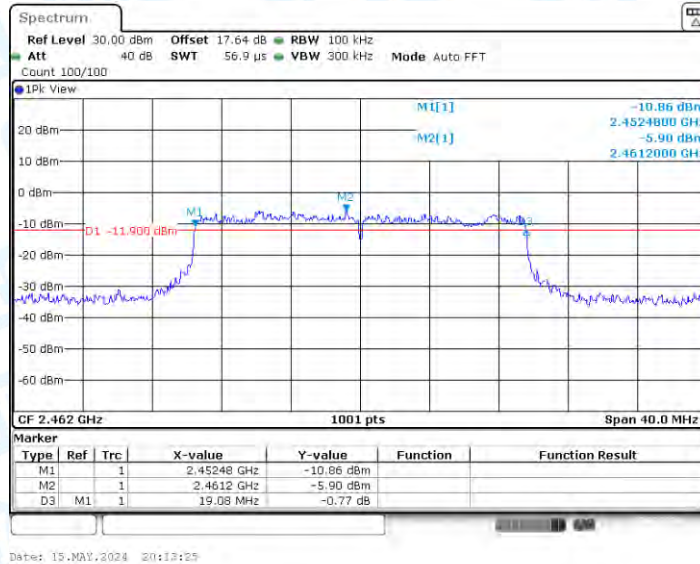
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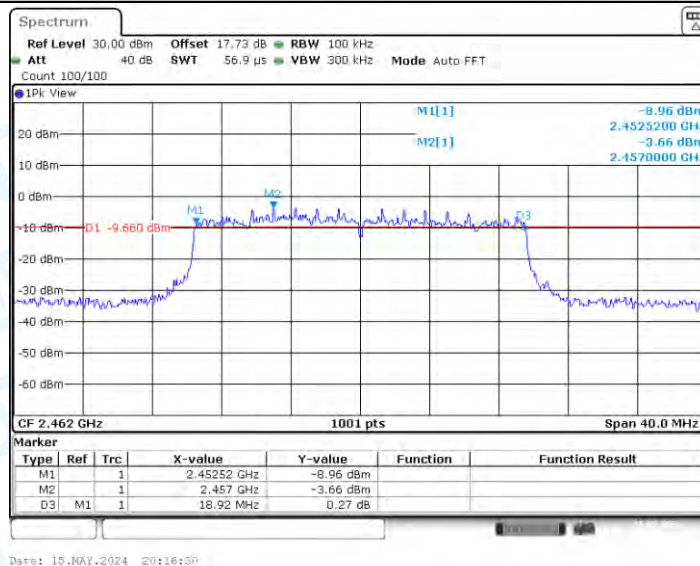
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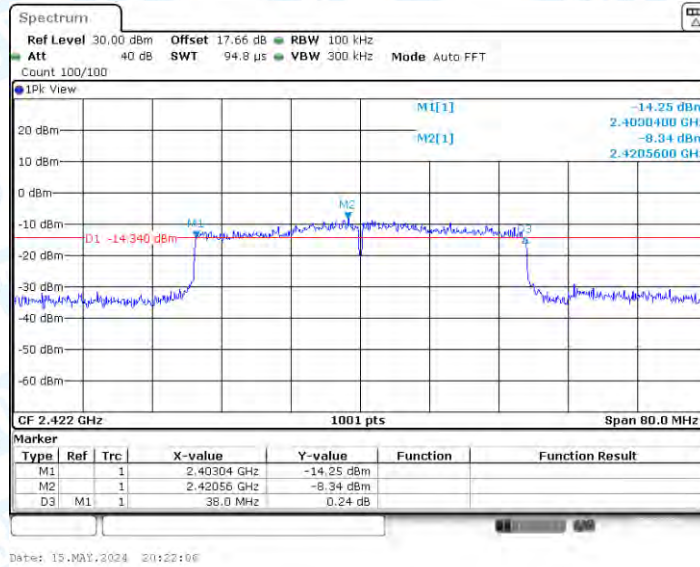
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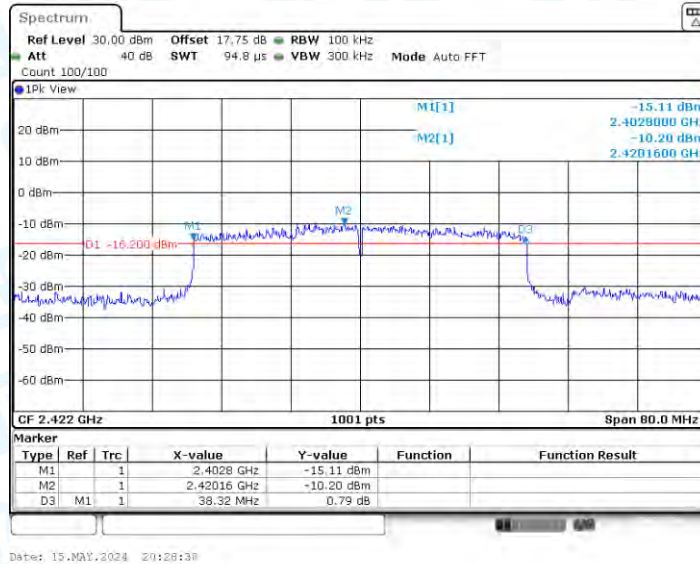
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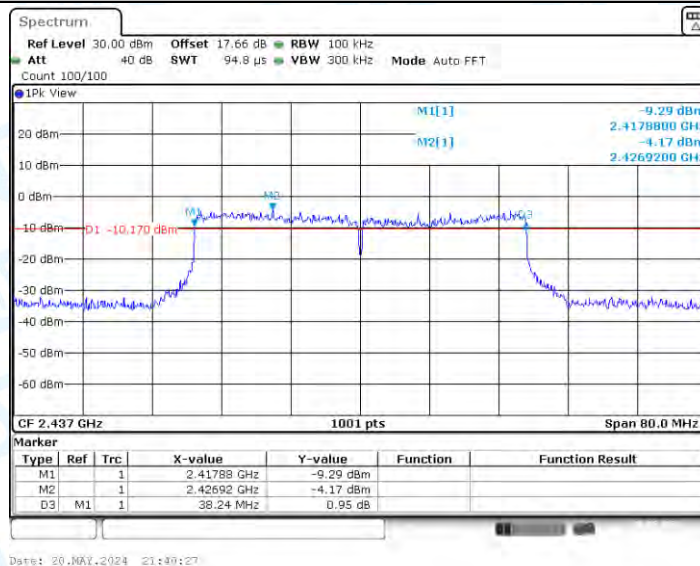
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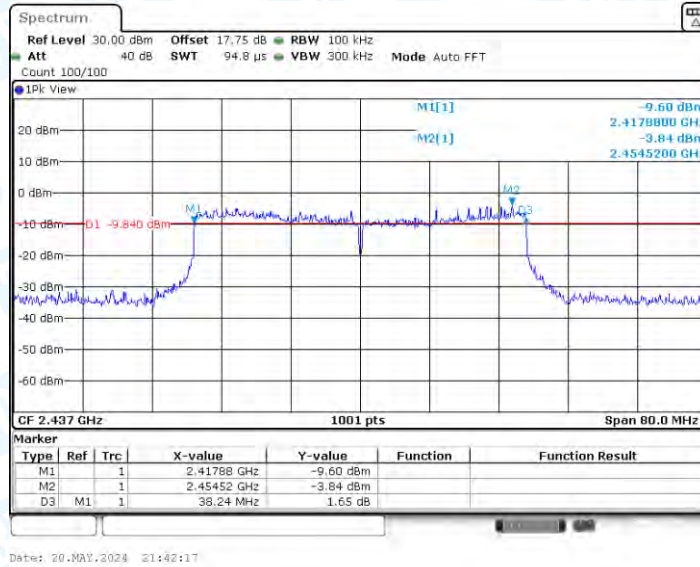
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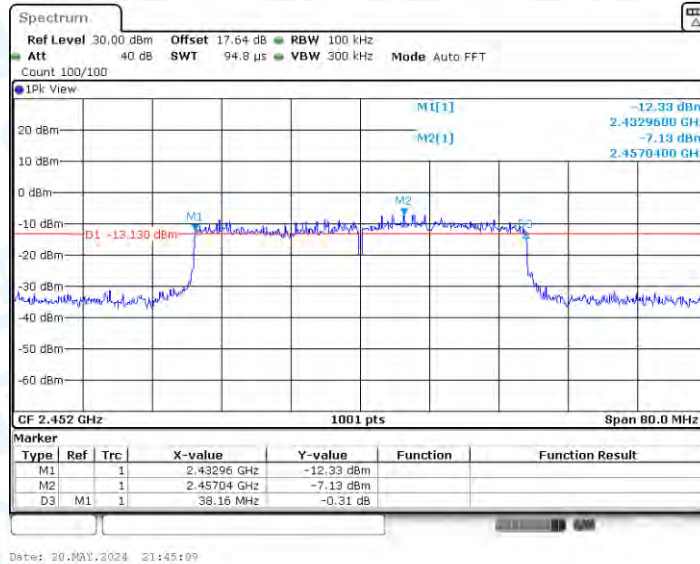
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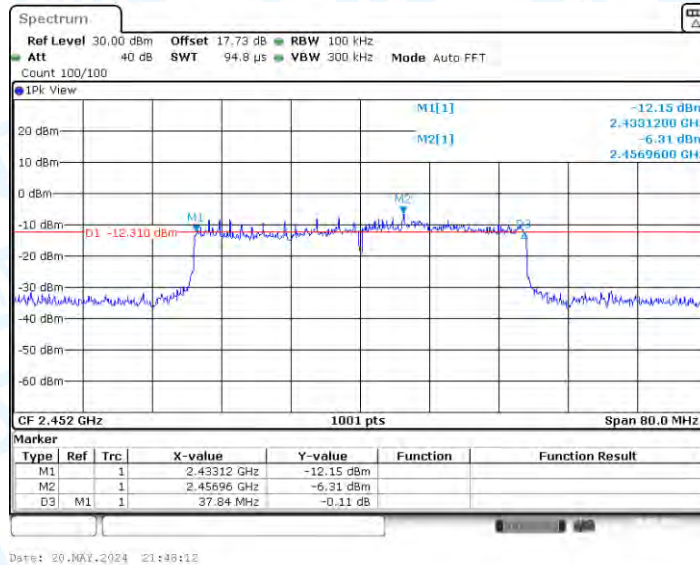
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



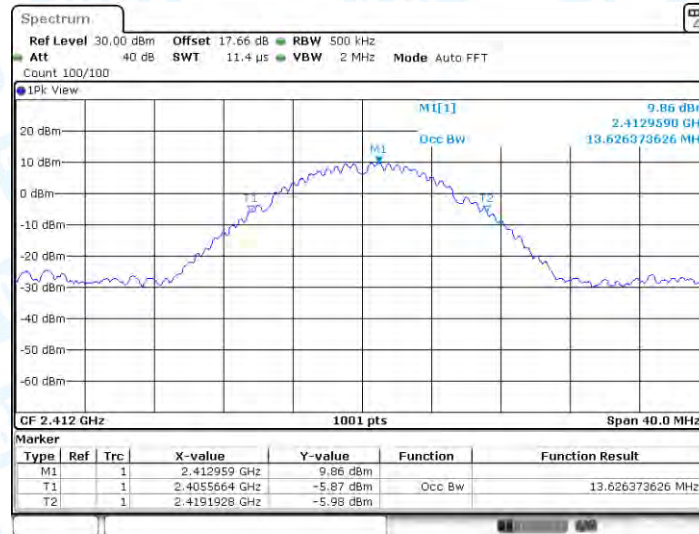
2. Occupied Channel Bandwidth

2.1. Test Result

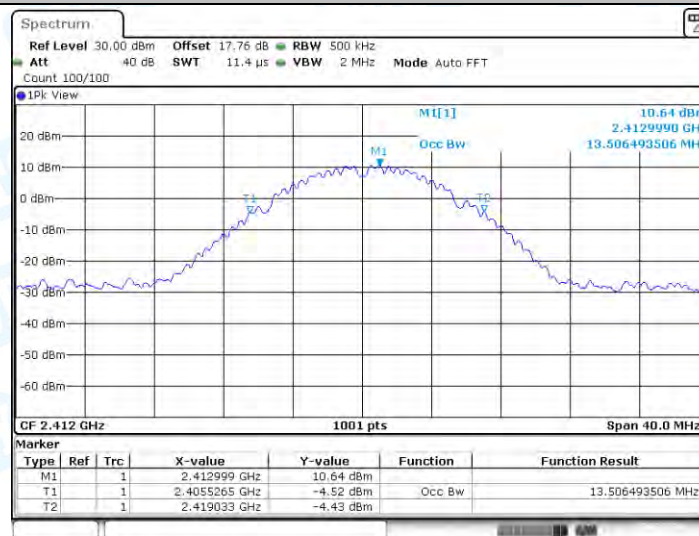
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	13.626	2405.5664	2419.1928	---	---
	Ant2	2412	13.506	2405.5265	2419.0330	---	---
	Ant1	2437	13.906	2429.9670	2443.8731	---	---
	Ant2	2437	13.666	2430.0470	2443.7133	---	---
	Ant1	2462	13.267	2455.3267	2468.5934	---	---
	Ant2	2462	13.227	2455.3267	2468.5534	---	---
11G-CDD	Ant1	2412	17.423	2403.6484	2421.0709	---	---
	Ant2	2412	17.063	2403.5285	2420.5914	---	---
	Ant1	2437	17.542	2428.0490	2445.5914	---	---
	Ant2	2437	17.502	2428.2088	2445.7113	---	---
	Ant1	2462	17.023	2453.4486	2470.4715	---	---
	Ant2	2462	17.183	2453.3686	2470.5514	---	---
11N20MIMO	Ant1	2412	18.462	2403.0889	2421.5504	---	---
	Ant2	2412	18.581	2402.8092	2421.3906	---	---
	Ant1	2437	18.861	2427.5694	2446.4306	---	---
	Ant2	2437	18.541	2427.5694	2446.1109	---	---
	Ant1	2462	18.501	2452.7293	2471.2308	---	---
	Ant2	2462	18.422	2452.7293	2471.1508	---	---
11N40MIMO	Ant1	2422	36.603	2403.6983	2440.3017	---	---
	Ant2	2422	37.083	2403.3786	2440.4615	---	---
	Ant1	2437	37.483	2418.2188	2455.7013	---	---
	Ant2	2437	37.483	2418.3786	2455.8611	---	---
	Ant1	2452	38.042	2433.1389	2471.1808	---	---
	Ant2	2452	37.243	2433.2987	2470.5415	---	---
11AX20MIMO	Ant1	2412	19.461	2402.4895	2421.9500	---	---
	Ant2	2412	19.381	2402.4096	2421.7902	---	---
	Ant1	2437	19.341	2427.2897	2446.6304	---	---
	Ant2	2437	19.54	2427.0899	2446.6304	---	---
	Ant1	2462	19.58	2452.0899	2471.6703	---	---
	Ant2	2462	19.141	2452.4096	2471.5504	---	---
11AX40MIMO	Ant1	2422	38.521	2402.7393	2441.2607	---	---
	Ant2	2422	38.362	2402.8192	2441.1808	---	---
	Ant1	2437	38.442	2417.8192	2456.2607	---	---
	Ant2	2437	38.521	2417.8192	2456.3407	---	---
	Ant1	2452	38.442	2432.7393	2471.1808	---	---
	Ant2	2452	38.601	2432.6593	2471.2607	---	---

2.2. Test Graphs

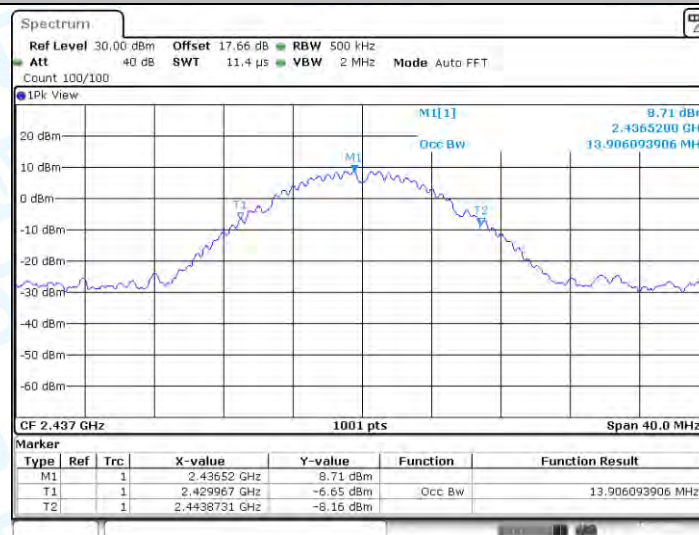
11B-CDD_Ant1_2412



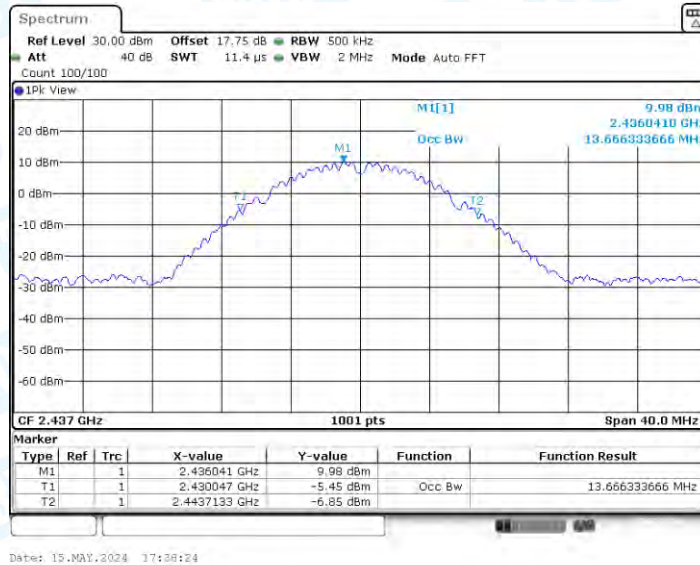
11B-CDD_Ant2_2412



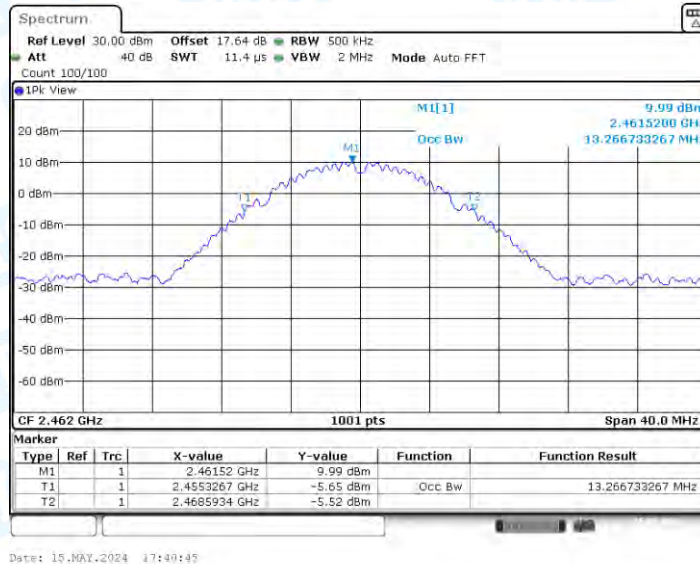
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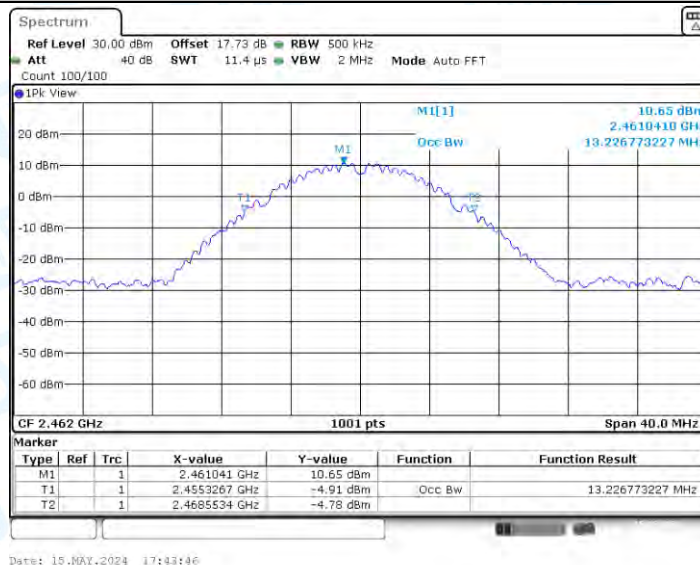
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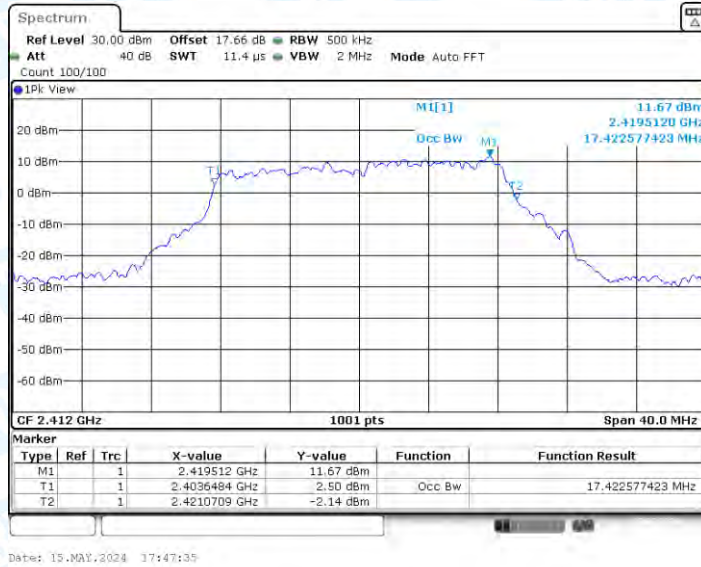
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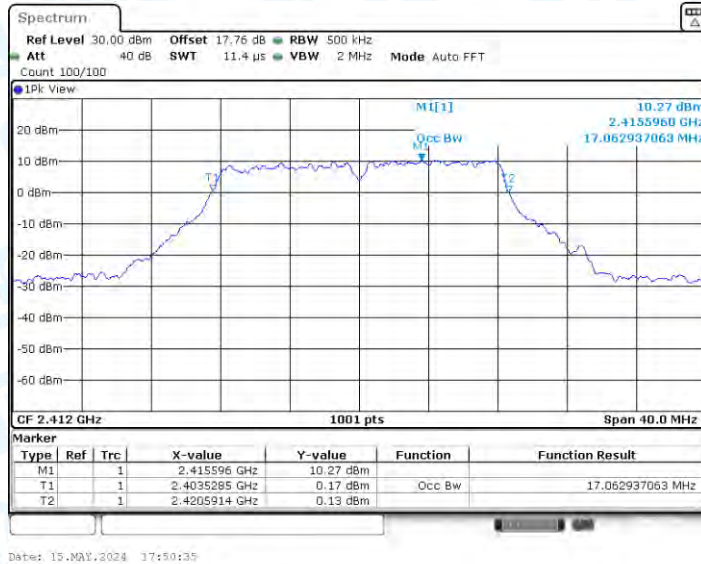
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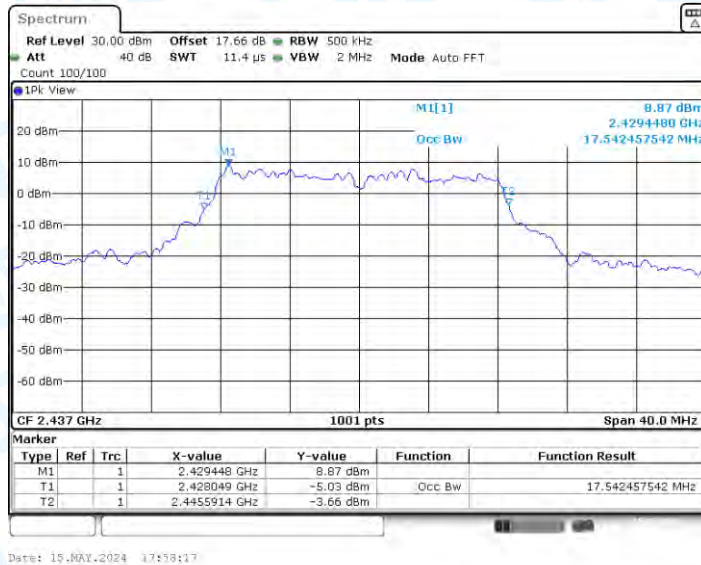
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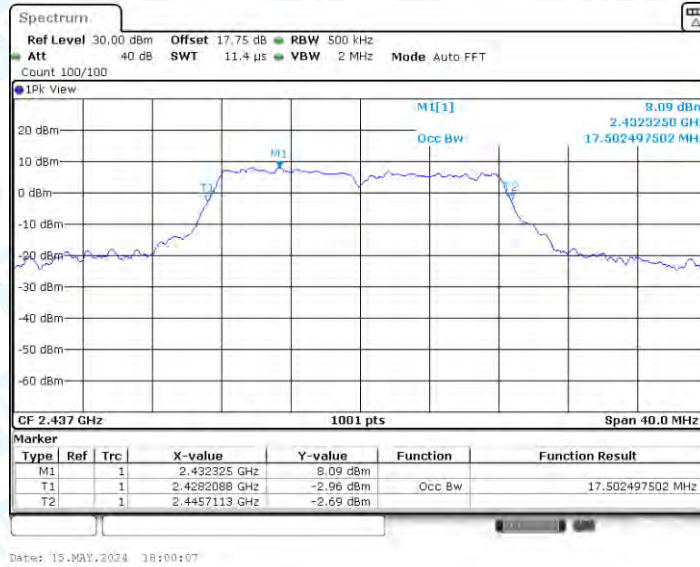
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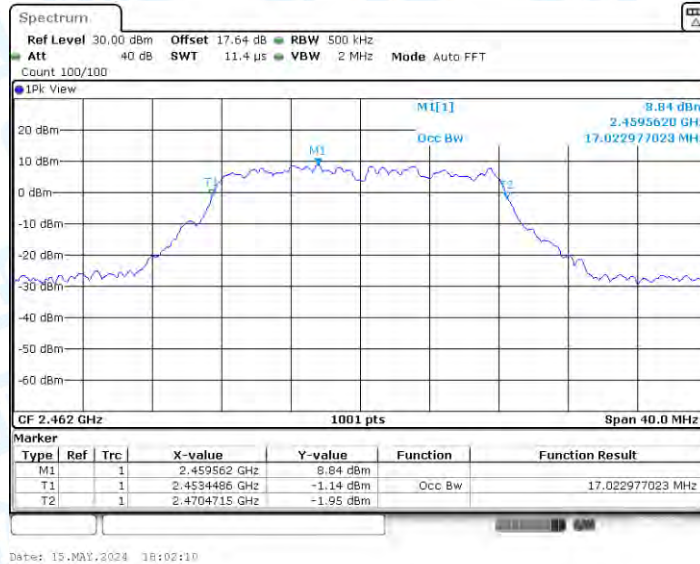
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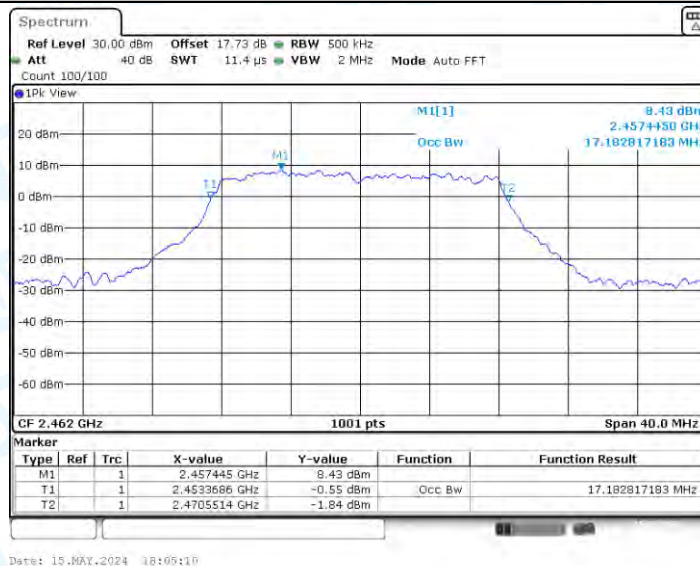
11G-CDD_Ant2_2437



11G-CDD_Ant1_2462



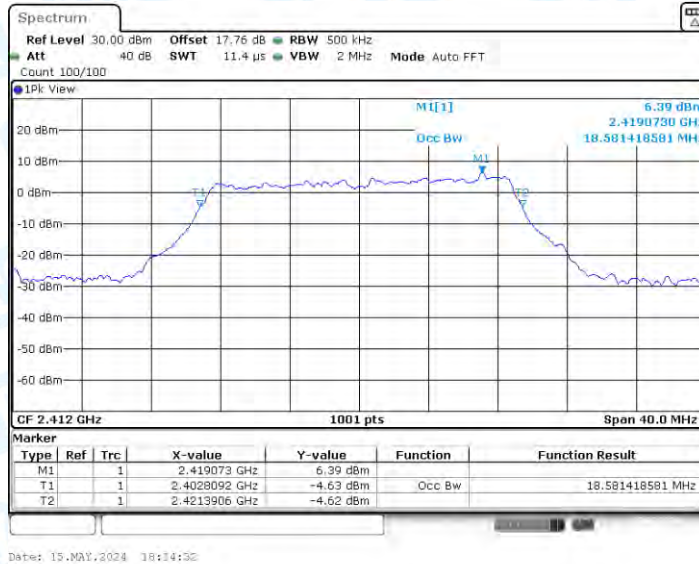
11G-CDD_Ant2_2462



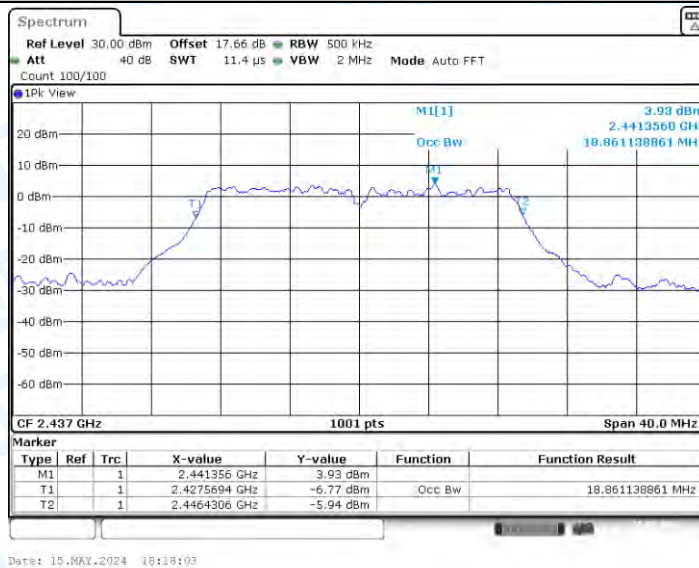
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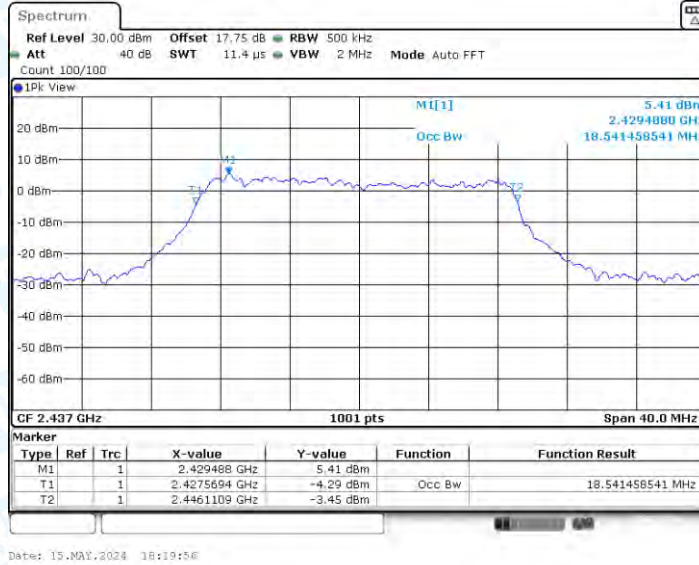
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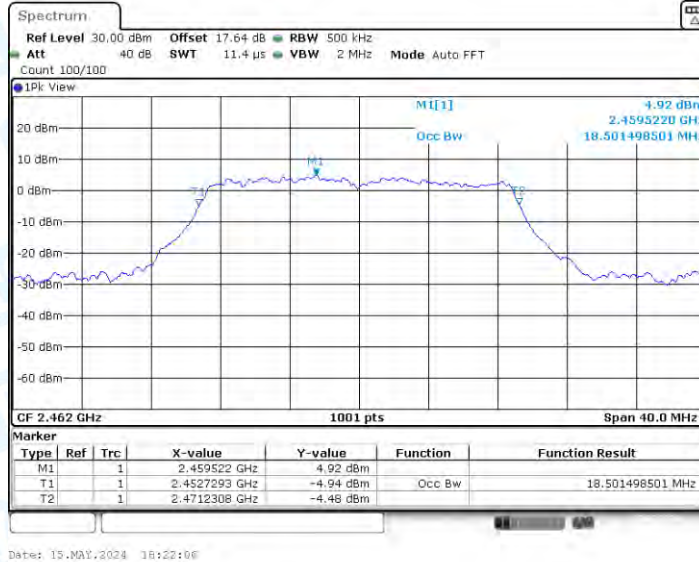
11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



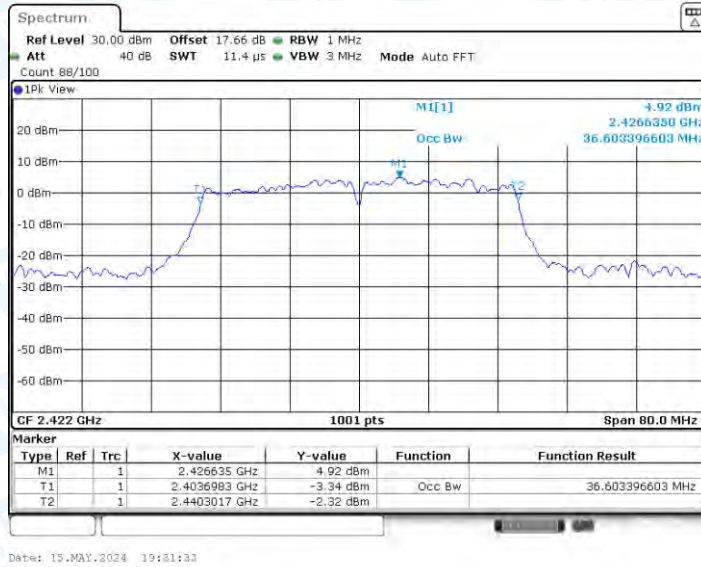
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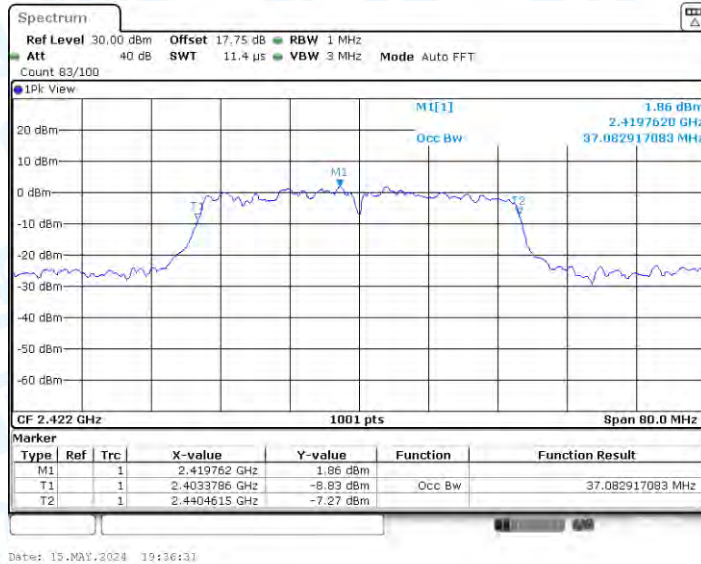
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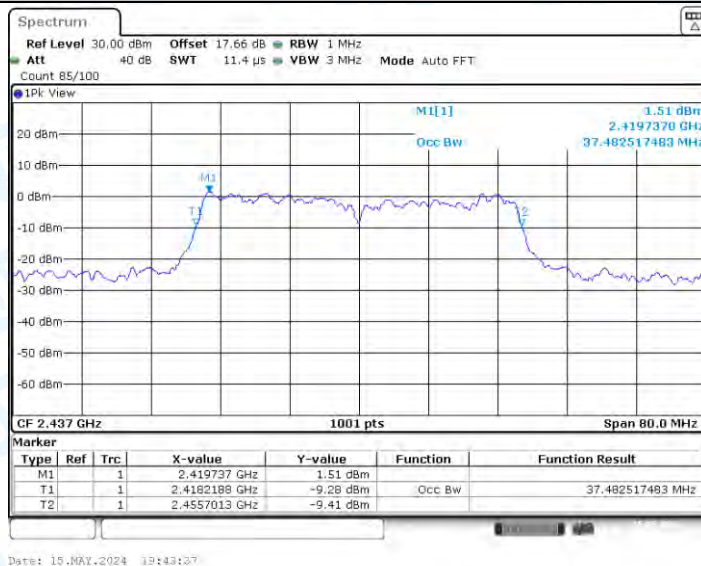
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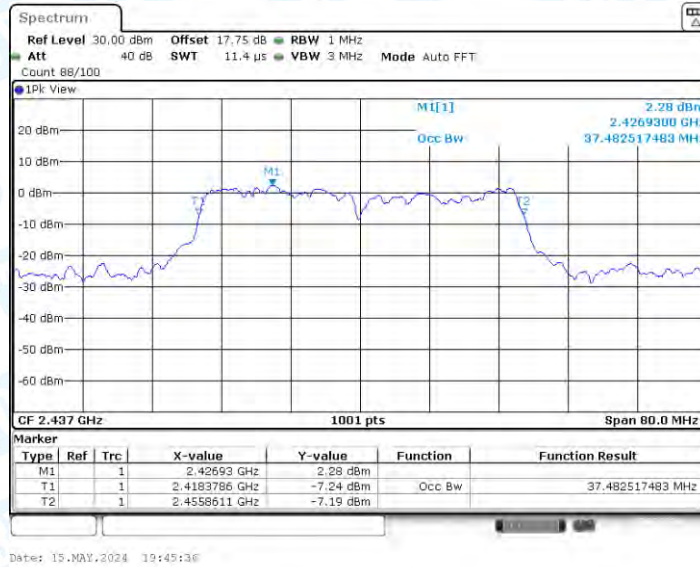
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11N40MIMO_Ant1_2437



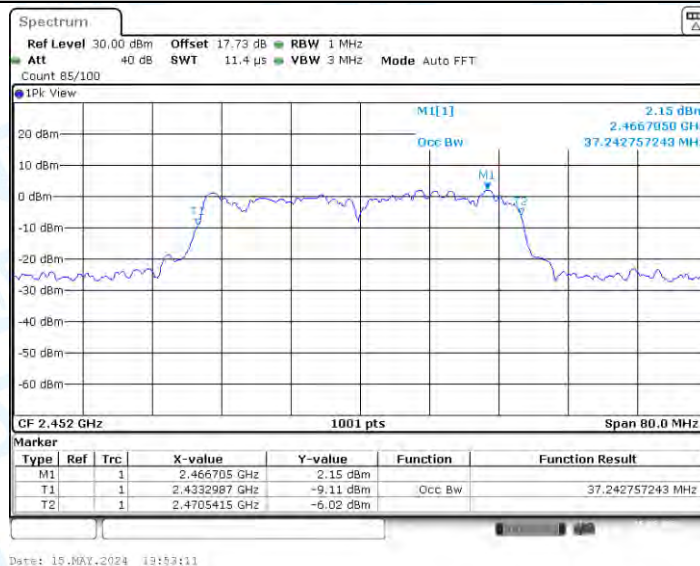
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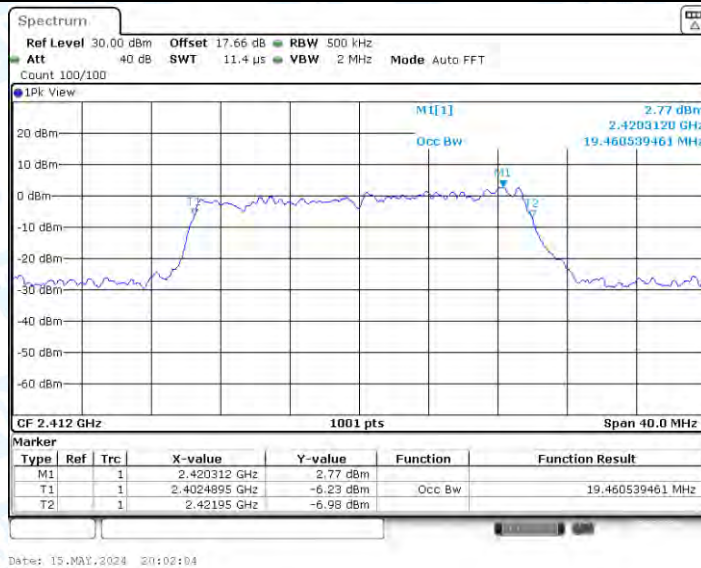
11N40MIMO_Ant1_2452



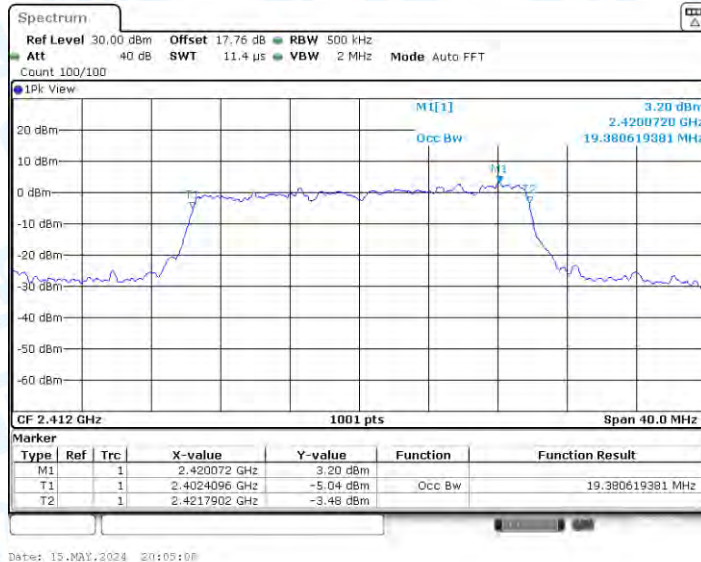
11N40MIMO_Ant2_2452



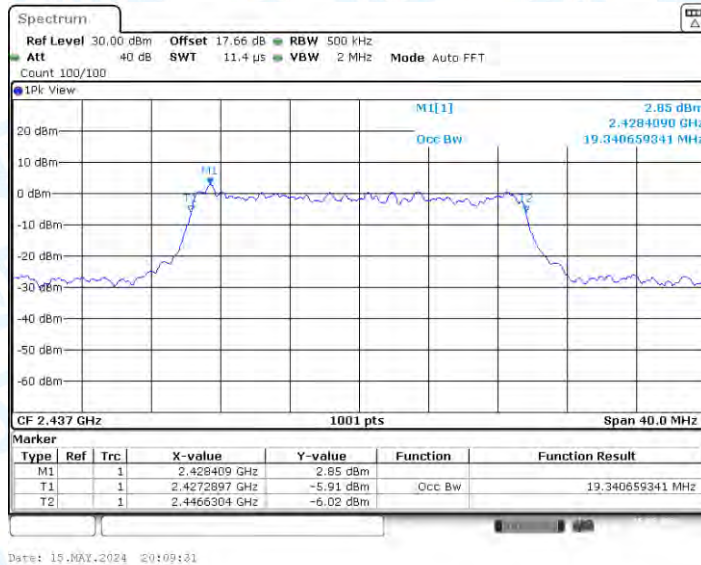
11AX20MIMO_Ant1_2412



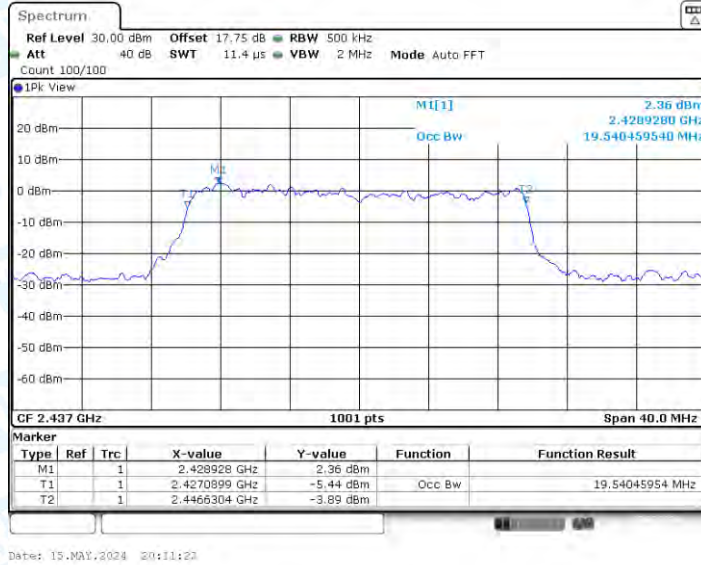
11AX20MIMO_Ant2_2412



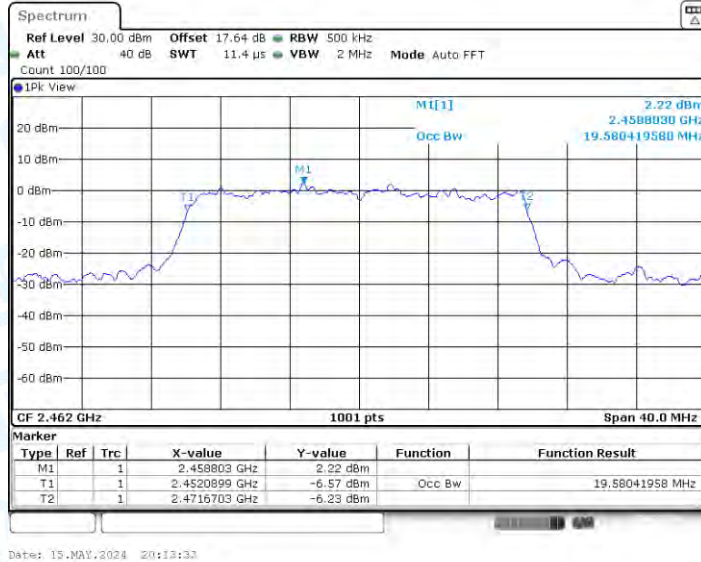
11AX20MIMO_Ant1_2437



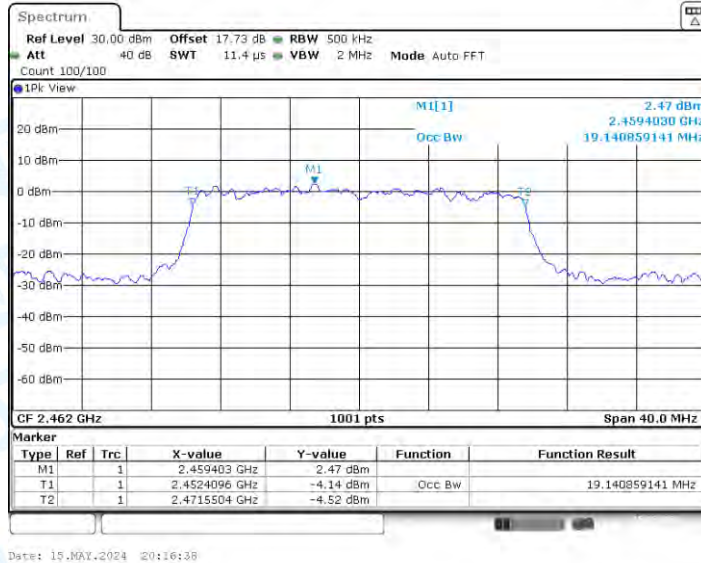
11AX20MIMO_Ant2_2437



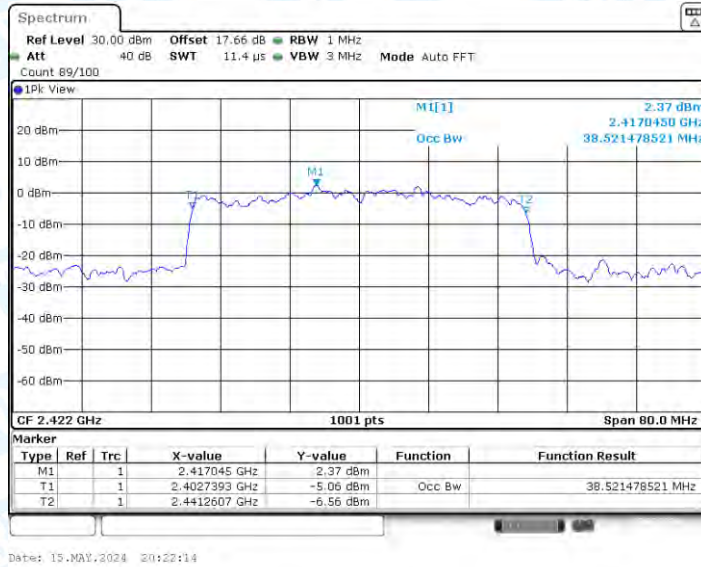
11AX20MIMO_Ant1_2462



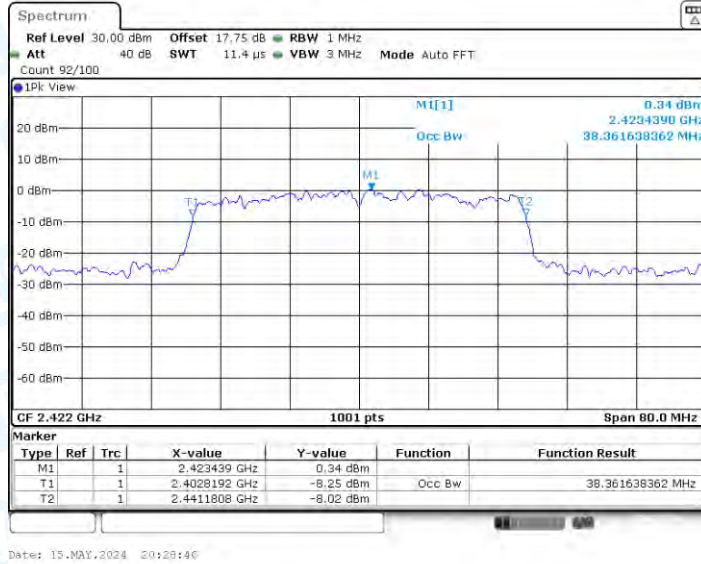
11AX20MIMO_Ant2_2462



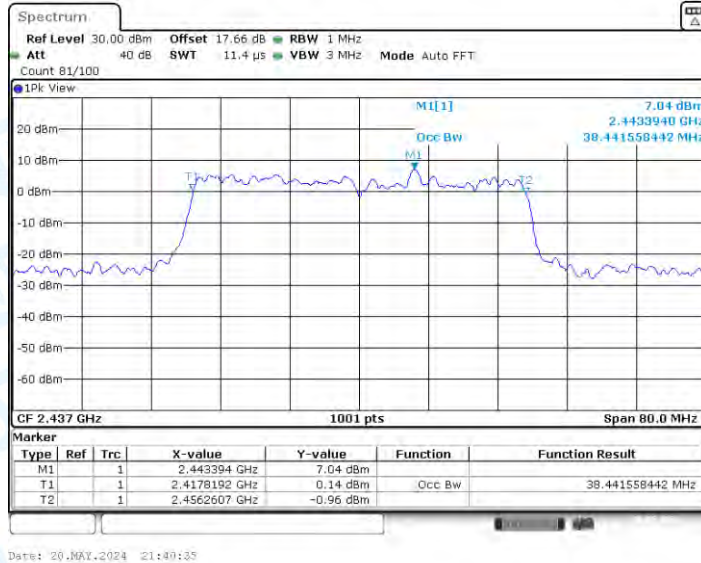
11AX40MIMO_Ant1_2422



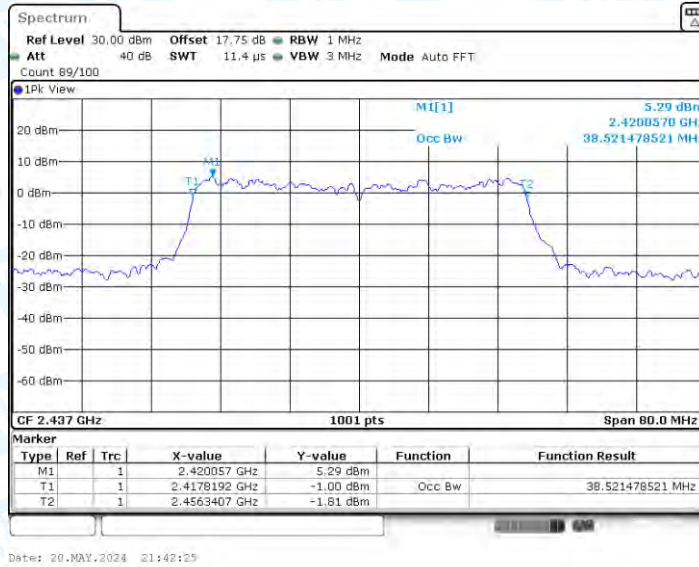
11AX40MIMO_Ant2_2422



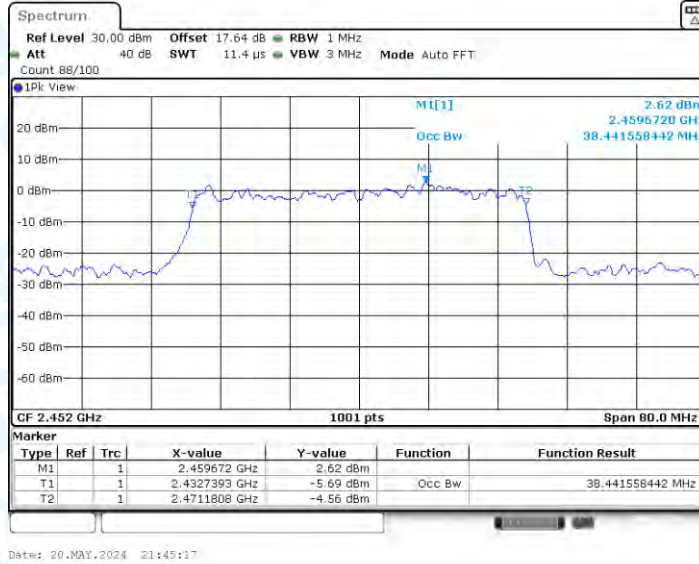
11AX40MIMO_Ant1_2437



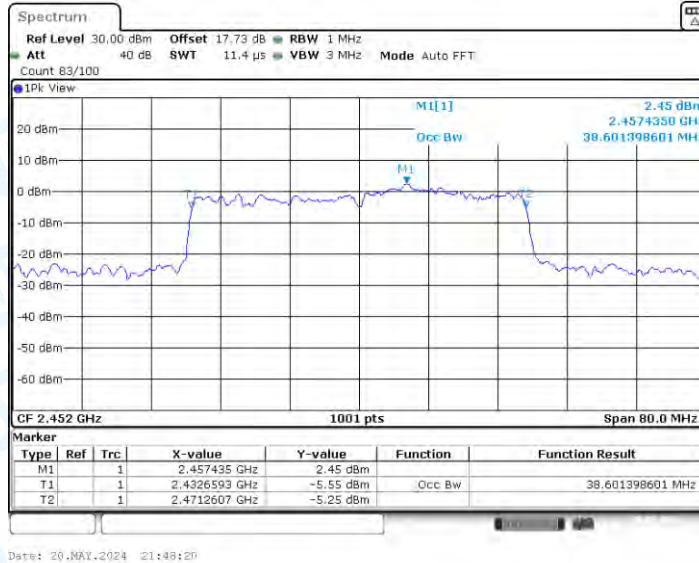
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



3. Maximum conducted output power

3.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	2412	16.88	≤30.00	PASS
	Ant2	2412	17.80	≤30.00	PASS
	total	2412	20.37	≤30.00	PASS
	Ant1	2437	15.89	≤30.00	PASS
	Ant2	2437	17.24	≤30.00	PASS
	total	2437	19.63	≤30.00	PASS
	Ant1	2462	17.20	≤30.00	PASS
	Ant2	2462	17.92	≤30.00	PASS
	total	2462	20.59	≤30.00	PASS
11G-CDD	Ant1	2412	14.39	≤30.00	PASS
	Ant2	2412	15.07	≤30.00	PASS
	total	2412	17.75	≤30.00	PASS
	Ant1	2437	13.80	≤30.00	PASS
	Ant2	2437	14.68	≤30.00	PASS
	total	2437	17.27	≤30.00	PASS
	Ant1	2462	14.61	≤30.00	PASS
	Ant2	2462	15.10	≤30.00	PASS
	total	2462	17.87	≤30.00	PASS
11N20MIMO	Ant1	2412	11.04	≤30.00	PASS
	Ant2	2412	11.71	≤30.00	PASS
	total	2412	14.40	≤30.00	PASS
	Ant1	2437	10.05	≤30.00	PASS
	Ant2	2437	11.27	≤30.00	PASS
	total	2437	13.71	≤30.00	PASS
	Ant1	2462	11.27	≤30.00	PASS
	Ant2	2462	11.45	≤30.00	PASS
	total	2462	14.37	≤30.00	PASS
11N40MIMO	Ant1	2422	7.26	≤30.00	PASS
	Ant2	2422	7.71	≤30.00	PASS
	total	2422	10.50	≤30.00	PASS
	Ant1	2437	6.79	≤30.00	PASS
	Ant2	2437	7.65	≤30.00	PASS
	total	2437	10.25	≤30.00	PASS
	Ant1	2452	6.87	≤30.00	PASS
	Ant2	2452	7.49	≤30.00	PASS
	total	2452	10.20	≤30.00	PASS
11AX20MIMO	Ant1	2412	7.05	≤30.00	PASS
	Ant2	2412	8.32	≤30.00	PASS
	total	2412	10.74	≤30.00	PASS
	Ant1	2437	6.40	≤30.00	PASS

	Ant2	2437	7.49	≤30.00	PASS
	total	2437	9.99	≤30.00	PASS
	Ant1	2462	7.71	≤30.00	PASS
	Ant2	2462	7.57	≤30.00	PASS
	total	2462	10.65	≤30.00	PASS
11AX40MIMO	Ant1	2422	4.76	≤30.00	PASS
	Ant2	2422	5.72	≤30.00	PASS
	total	2422	8.28	≤30.00	PASS
	Ant1	2437	7.43	≤30.00	PASS
	Ant2	2437	7.37	≤30.00	PASS
	total	2437	10.41	≤30.00	PASS
	Ant1	2452	7.26	≤30.00	PASS
	Ant2	2452	6.98	≤30.00	PASS
	total	2452	10.13	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

4. Maximum power spectral density

4.1. Test Result

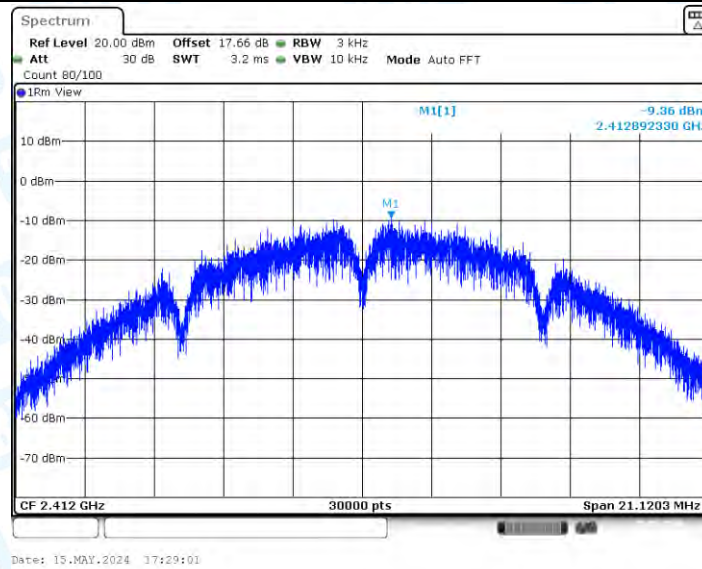
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-9.23	≤8.00	PASS
	Ant2	2412	-8.88	≤8.00	PASS
	total	2412	-6.04	≤8.00	PASS
	Ant1	2437	-10.55	≤8.00	PASS
	Ant2	2437	-9.63	≤8.00	PASS
	total	2437	-7.06	≤8.00	PASS
	Ant1	2462	-9.01	≤8.00	PASS
	Ant2	2462	-8.26	≤8.00	PASS
	total	2462	-5.61	≤8.00	PASS
11G-CDD	Ant1	2412	-15.07	≤8.00	PASS
	Ant2	2412	-14.92	≤8.00	PASS
	total	2412	-11.98	≤8.00	PASS
	Ant1	2437	-17.36	≤8.00	PASS
	Ant2	2437	-16.22	≤8.00	PASS
	total	2437	-13.74	≤8.00	PASS
	Ant1	2462	-16.72	≤8.00	PASS
	Ant2	2462	-16.56	≤8.00	PASS
	total	2462	-13.63	≤8.00	PASS
11N20MIMO	Ant1	2412	-19.94	≤8.00	PASS
	Ant2	2412	-20.03	≤8.00	PASS
	total	2412	-16.97	≤8.00	PASS
	Ant1	2437	-21.33	≤8.00	PASS
	Ant2	2437	-20.69	≤8.00	PASS
	total	2437	-17.99	≤8.00	PASS
	Ant1	2462	-21.01	≤8.00	PASS
	Ant2	2462	-21.00	≤8.00	PASS
	total	2462	-17.99	≤8.00	PASS
11N40MIMO	Ant1	2422	-27.26	≤8.00	PASS
	Ant2	2422	-26.96	≤8.00	PASS
	total	2422	-24.10	≤8.00	PASS
	Ant1	2437	-27.38	≤8.00	PASS
	Ant2	2437	-26.80	≤8.00	PASS
	total	2437	-24.07	≤8.00	PASS
	Ant1	2452	-27.67	≤8.00	PASS
	Ant2	2452	-26.44	≤8.00	PASS
	total	2452	-24.00	≤8.00	PASS
11AX20MIMO	Ant1	2412	-25.25	≤8.00	PASS
	Ant2	2412	-24.92	≤8.00	PASS
	total	2412	-22.07	≤8.00	PASS
	Ant1	2437	-26.29	≤8.00	PASS

	Ant2	2437	-25.40	≤8.00	PASS
	total	2437	-22.81	≤8.00	PASS
	Ant1	2462	-26.36	≤8.00	PASS
	Ant2	2462	-26.12	≤8.00	PASS
	total	2462	-23.23	≤8.00	PASS
11AX40MIMO	Ant1	2422	-30.42	≤8.00	PASS
	Ant2	2422	-29.43	≤8.00	PASS
	total	2422	-26.89	≤8.00	PASS
	Ant1	2437	-28.37	≤8.00	PASS
	Ant2	2437	-29.04	≤8.00	PASS
	total	2437	-25.68	≤8.00	PASS
	Ant1	2452	-28.39	≤8.00	PASS
	Ant2	2452	-27.83	≤8.00	PASS
	total	2452	-25.09	≤8.00	PASS

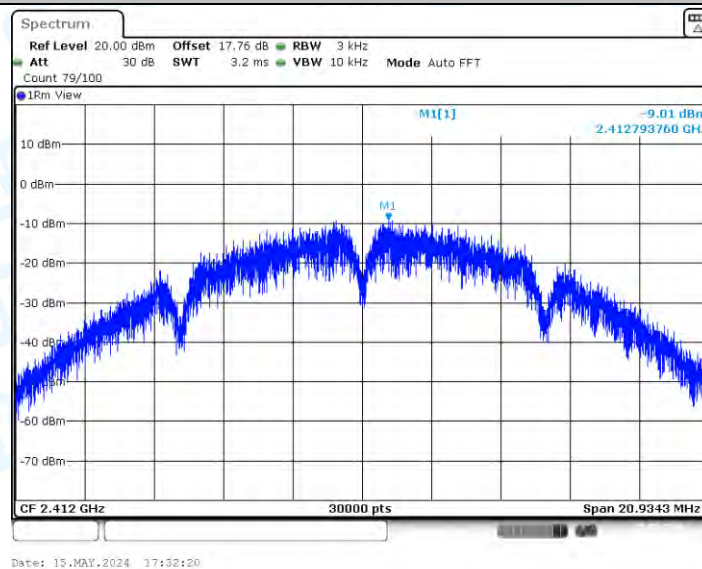
Note: The Duty Cycle Factor is compensated in the graph.

4.2. Test Graphs

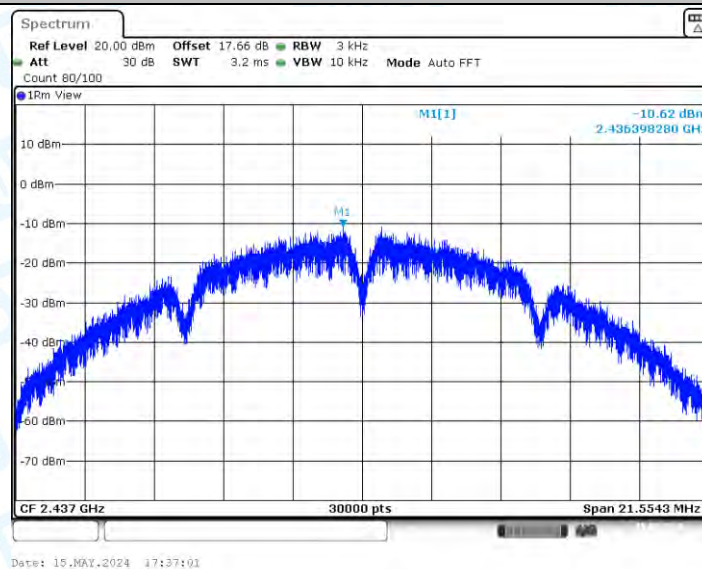
11B-CDD_Ant1_2412



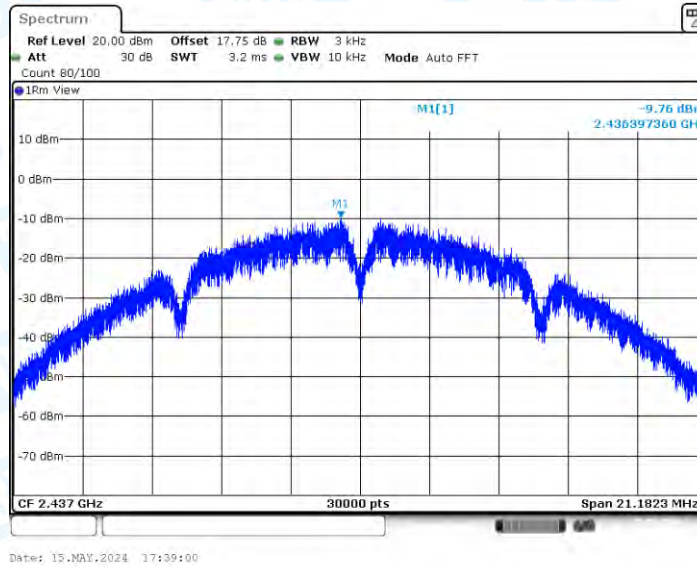
11B-CDD_Ant2_2412



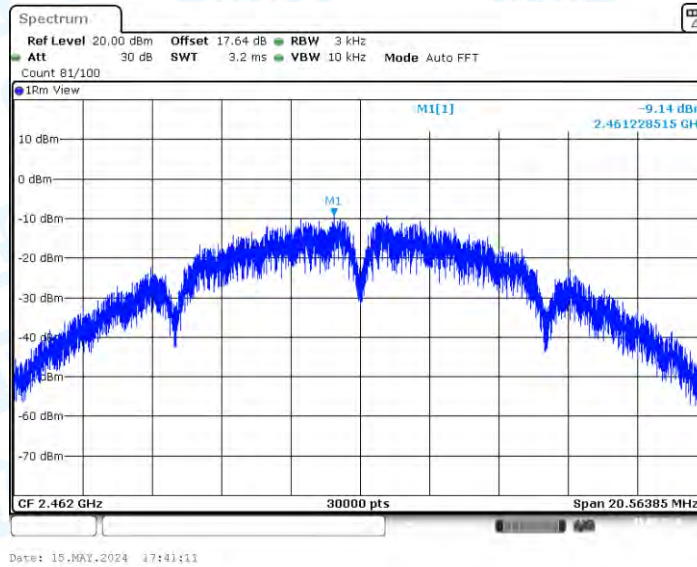
11B-CDD_Ant1_2437



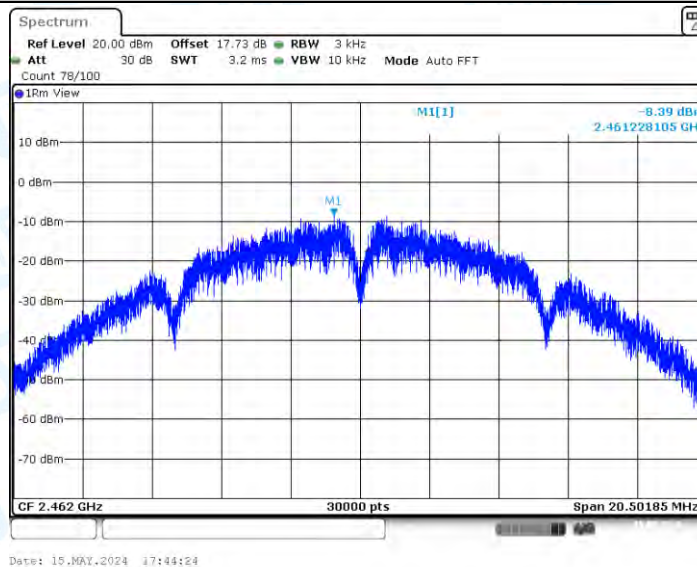
11B-CDD_Ant2_2437



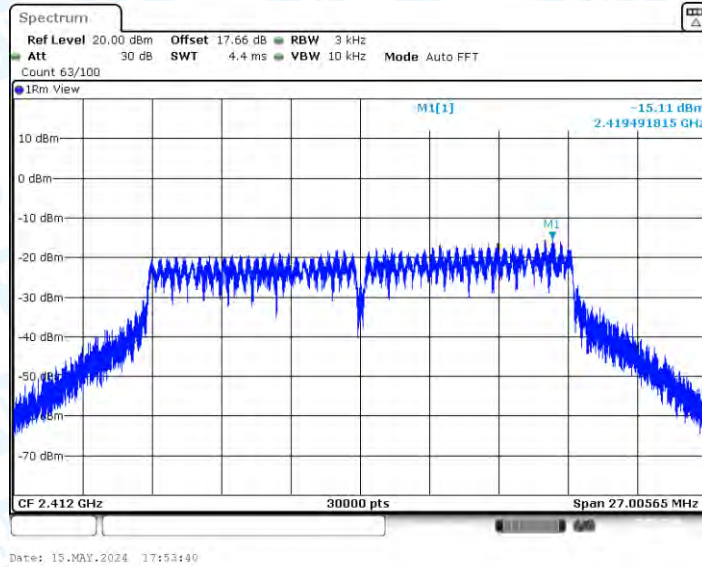
11B-CDD_Ant1_2462



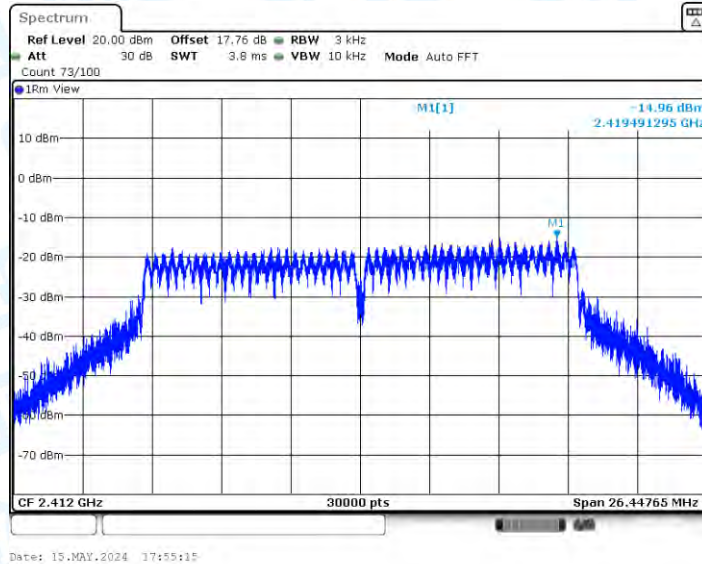
11B-CDD_Ant2_2462



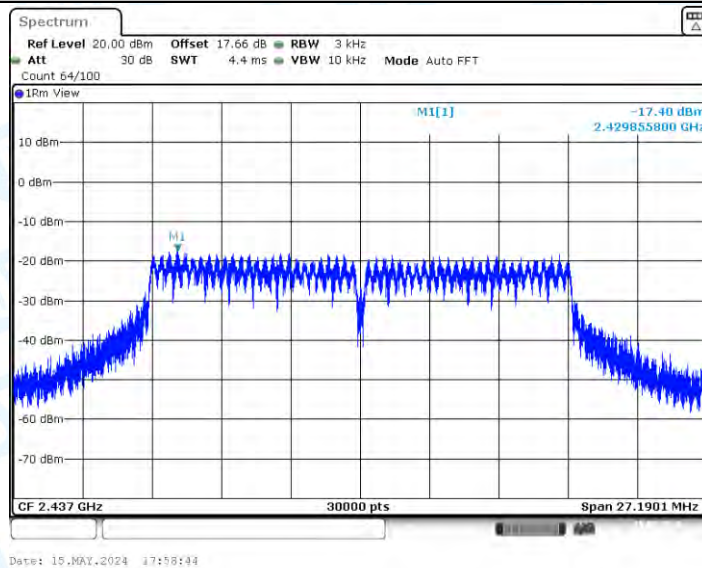
11G-CDD_Ant1_2412



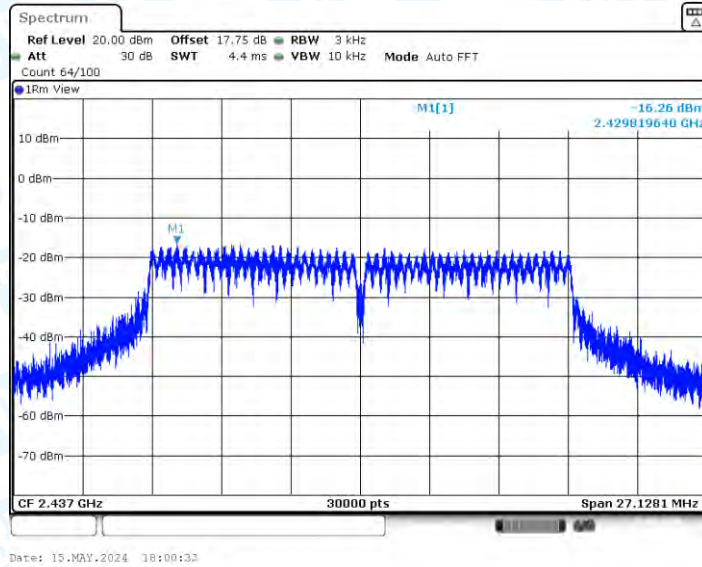
11G-CDD_Ant2_2412



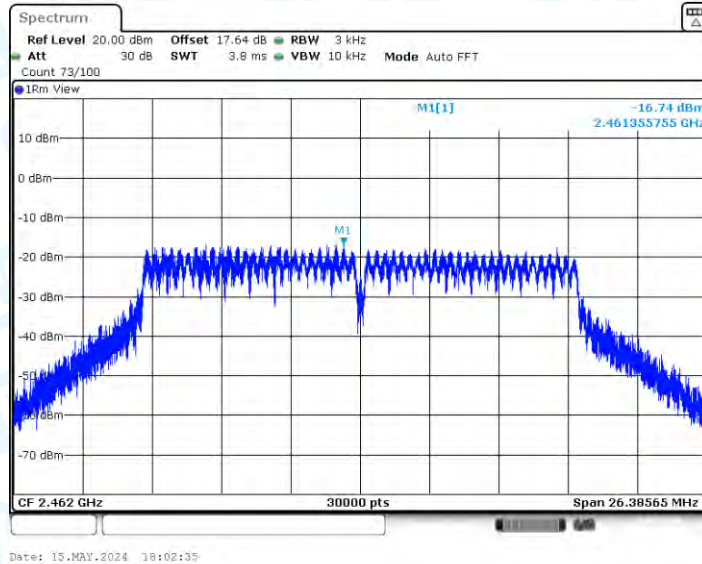
11G-CDD_Ant1_2437



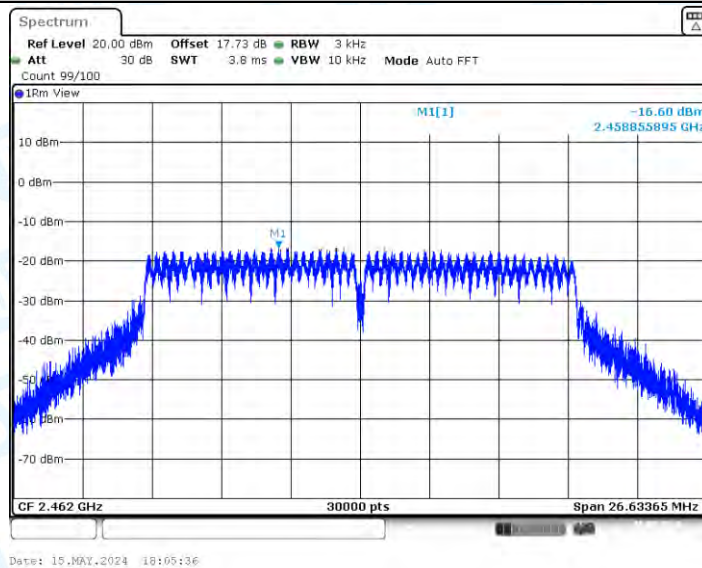
11G-CDD_Ant2_2437



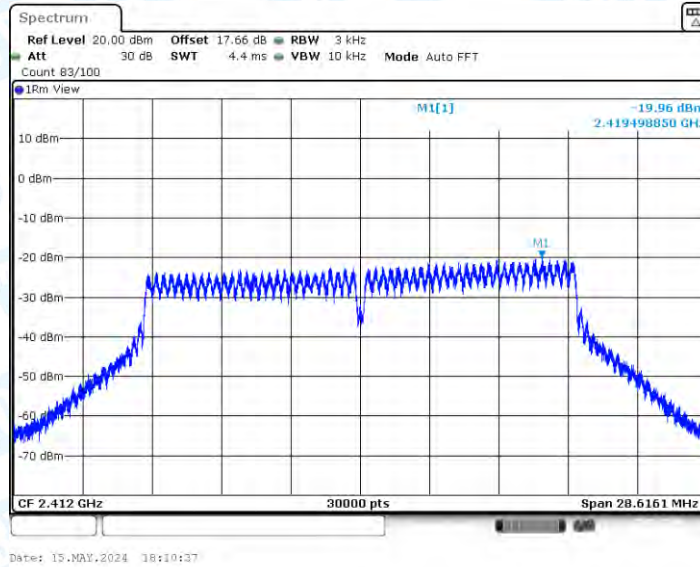
11G-CDD_Ant1_2462



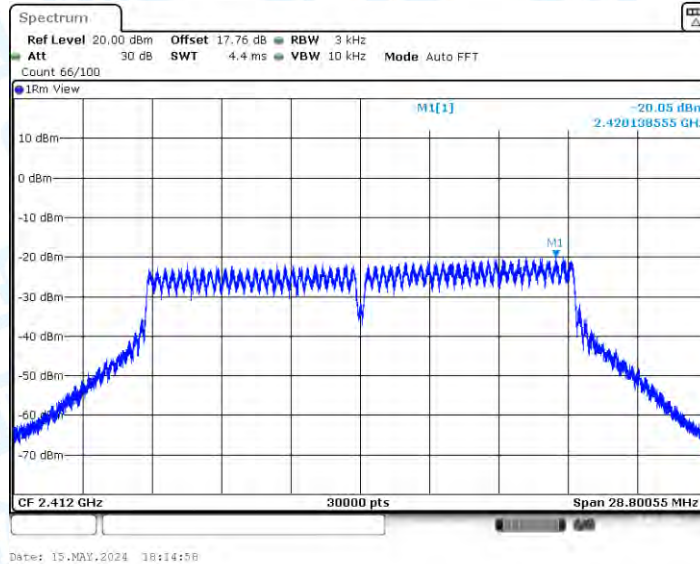
11G-CDD_Ant2_2462



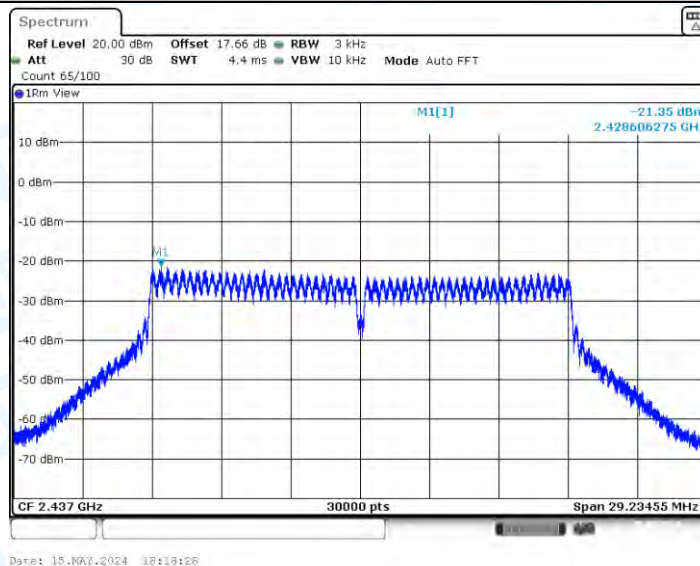
11N20MIMO_Ant1_2412



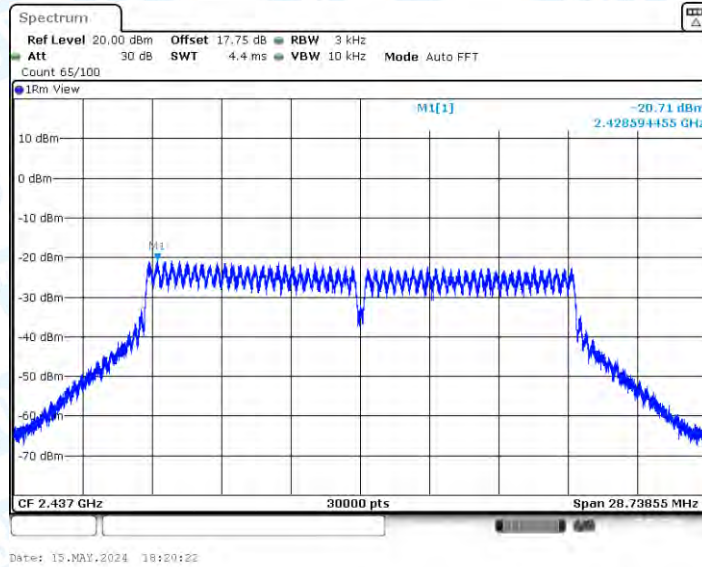
11N20MIMO_Ant2_2412



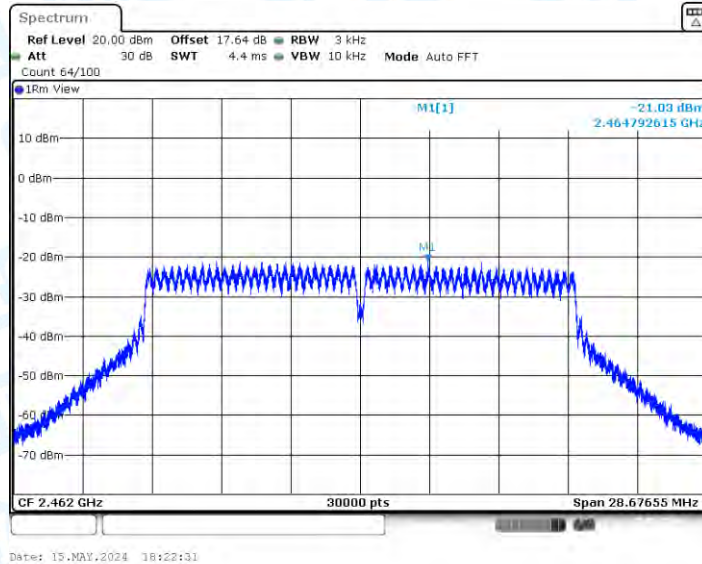
11N20MIMO_Ant1_2437



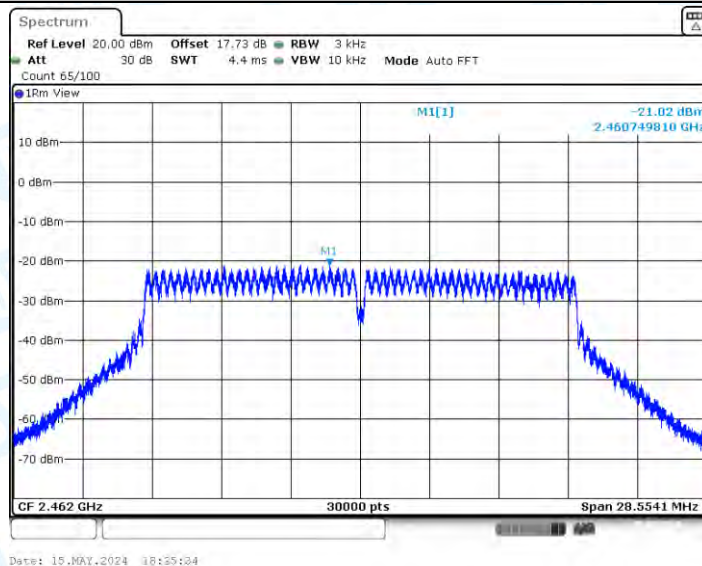
11N20MIMO_Ant2_2437



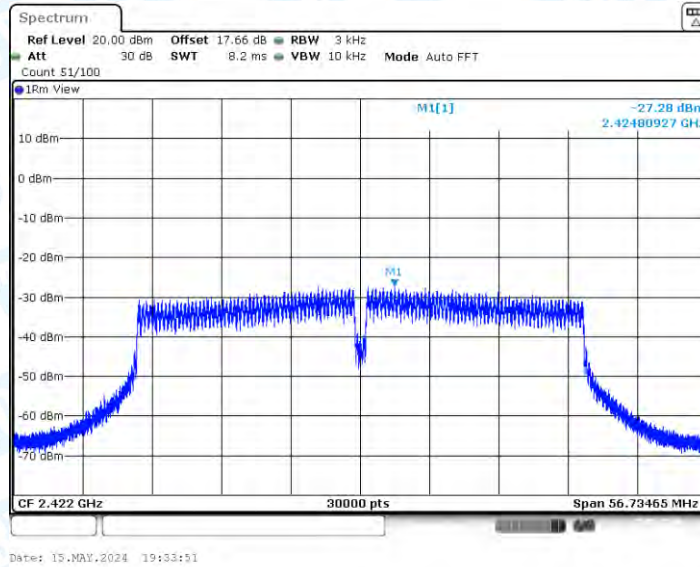
11N20MIMO_Ant1_2462



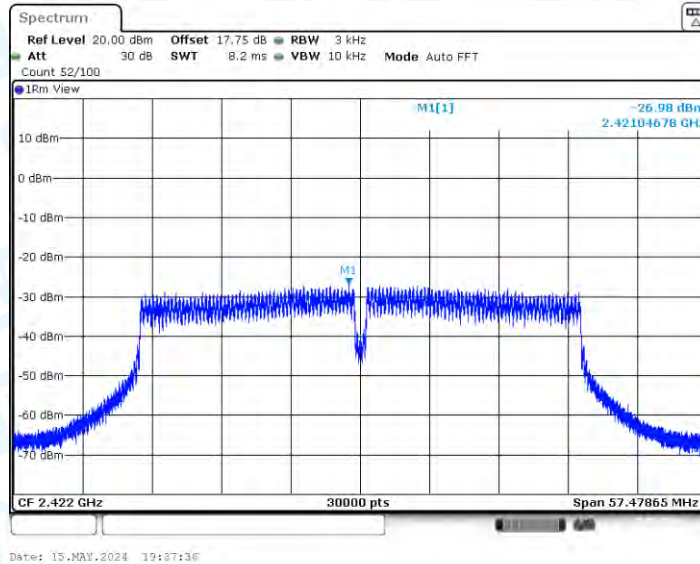
11N20MIMO_Ant2_2462



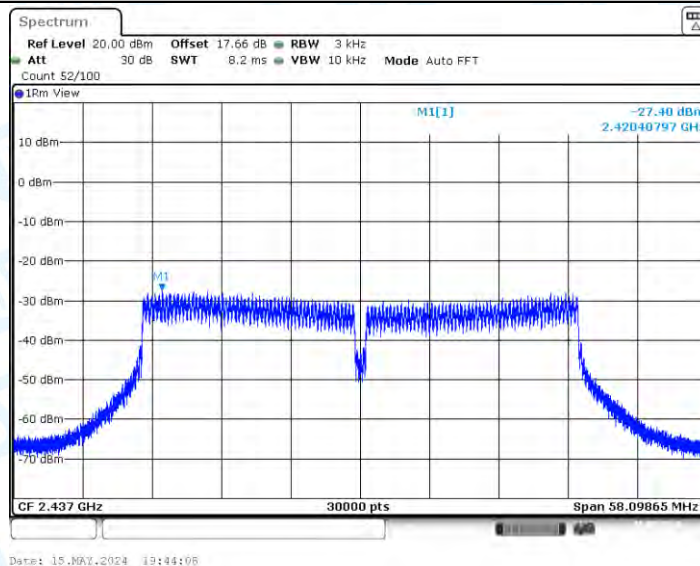
11N40MIMO_Ant1_2422



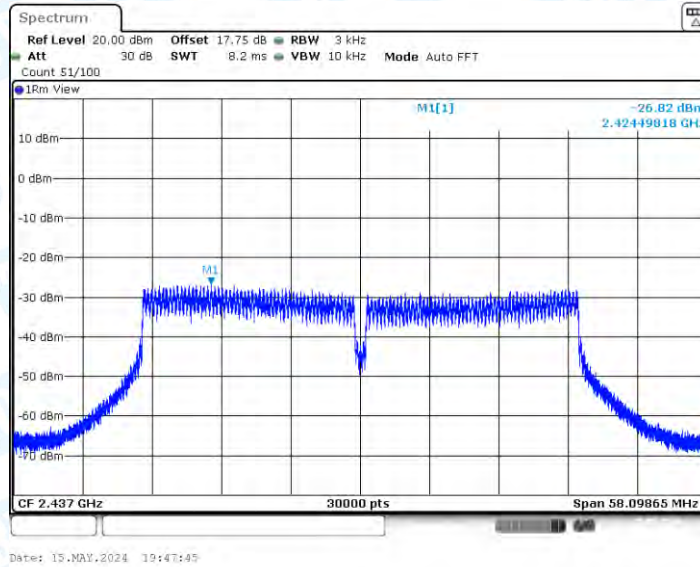
11N40MIMO_Ant2_2422



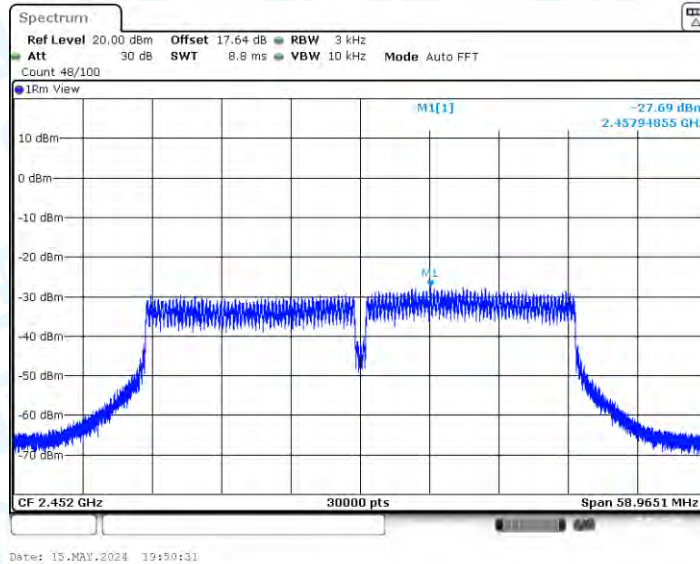
11N40MIMO_Ant1_2437



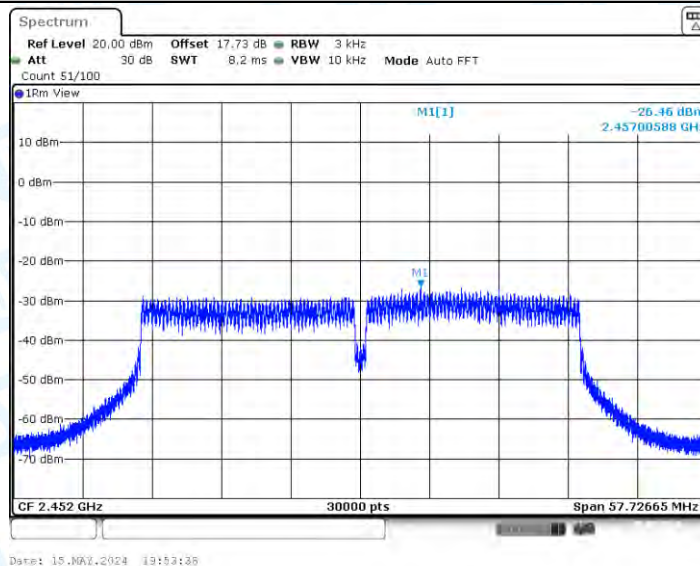
11N40MIMO_Ant2_2437



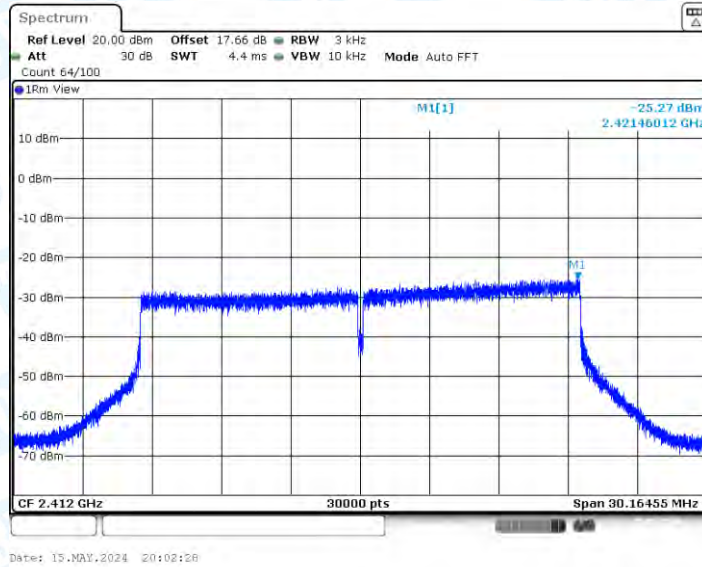
11N40MIMO_Ant1_2452



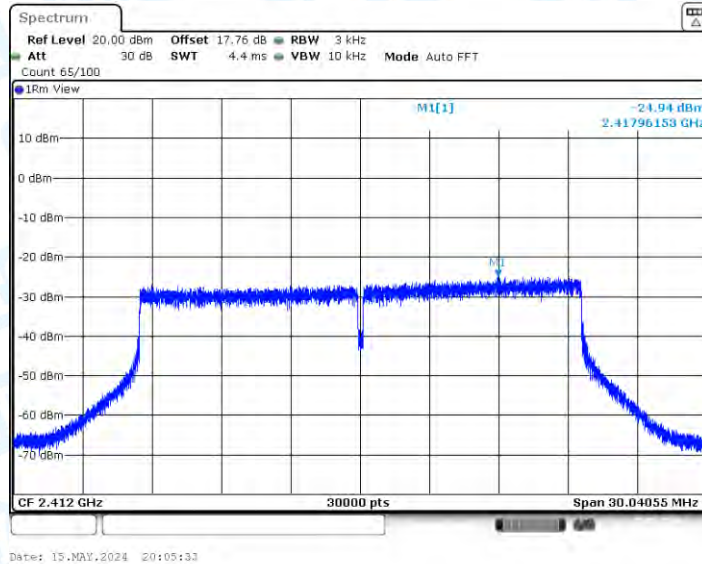
11N40MIMO_Ant2_2452



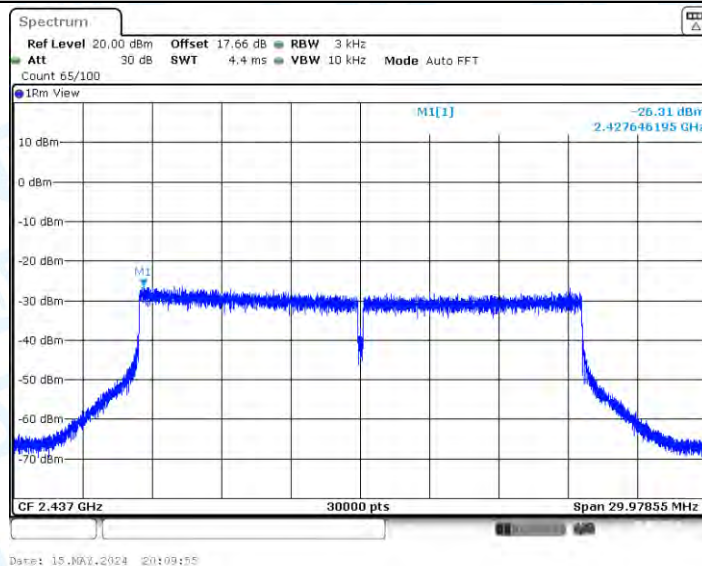
11AX20MIMO_Ant1_2412



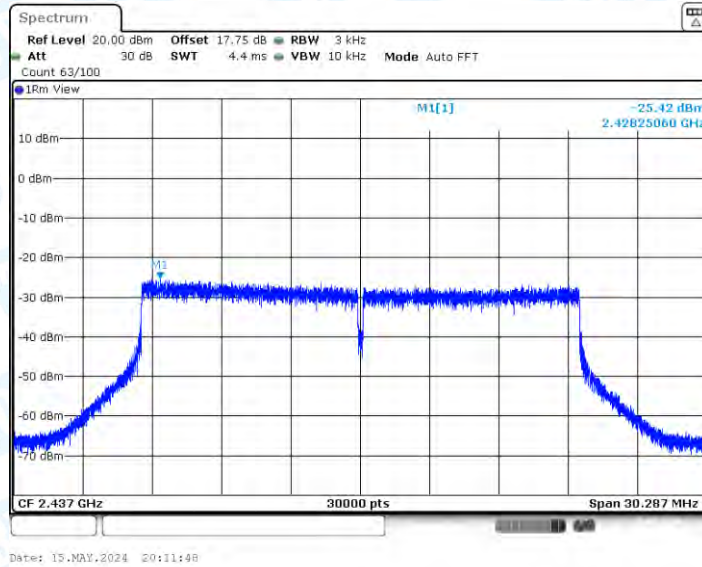
11AX20MIMO_Ant2_2412



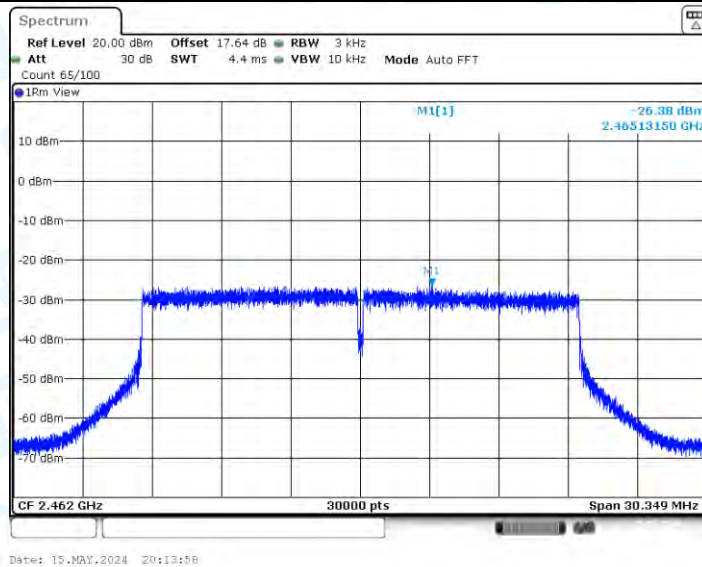
11AX20MIMO_Ant1_2437



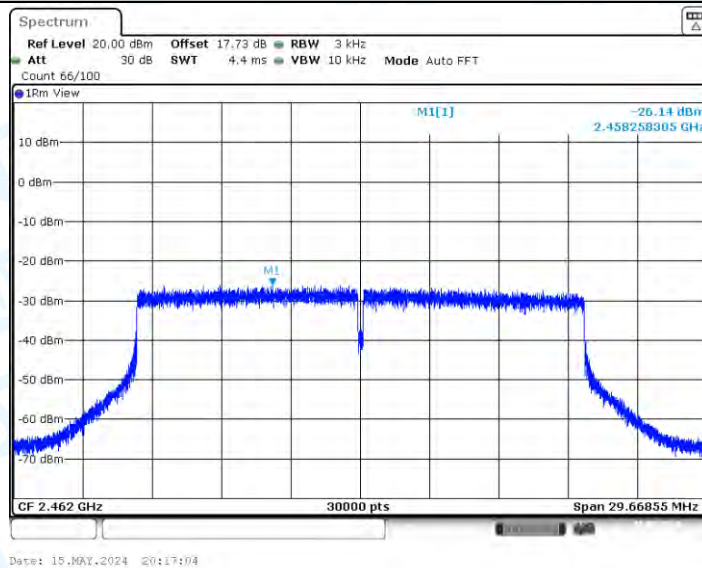
11AX20MIMO_Ant2_2437



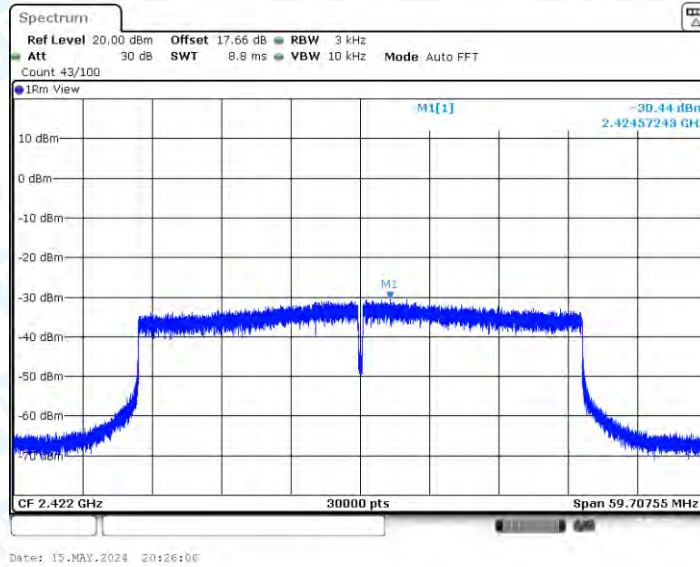
11AX20MIMO_Ant1_2462



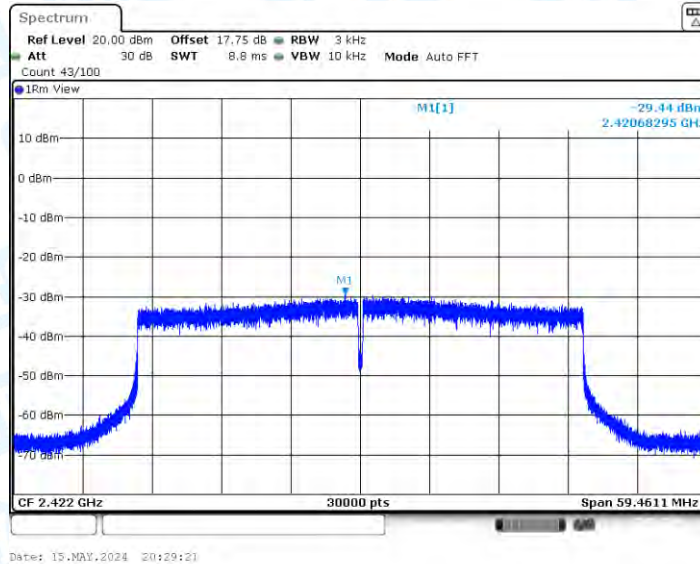
11AX20MIMO_Ant2_2462



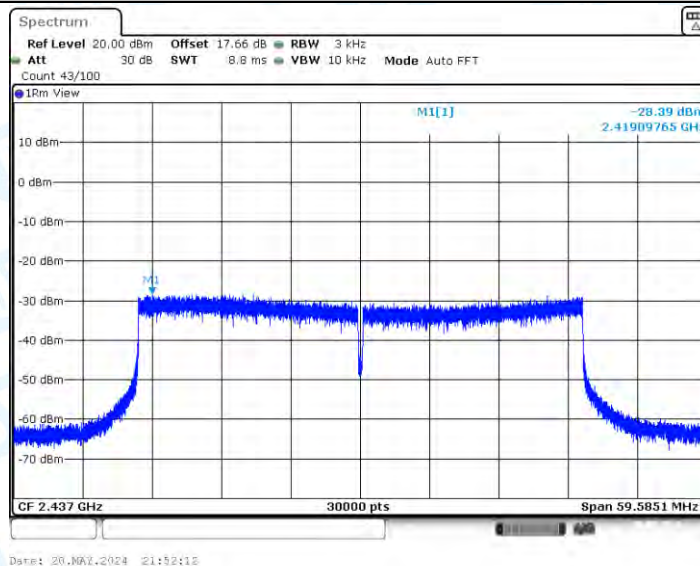
11AX40MIMO_Ant1_2422



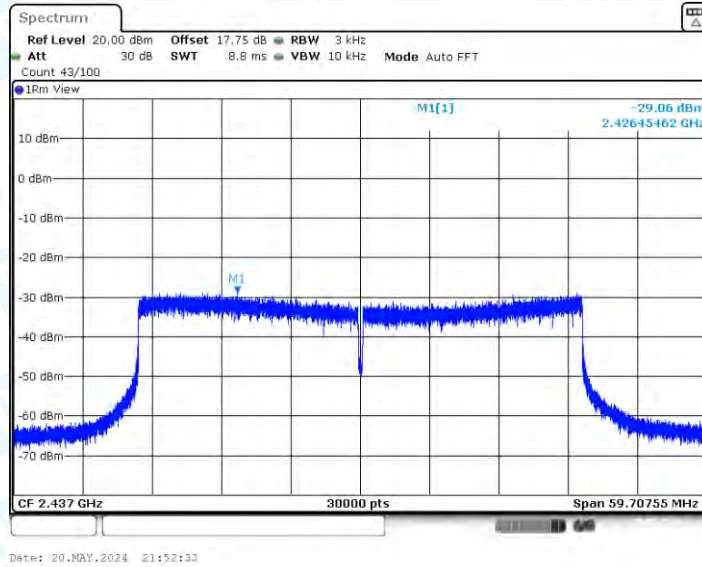
11AX40MIMO_Ant2_2422



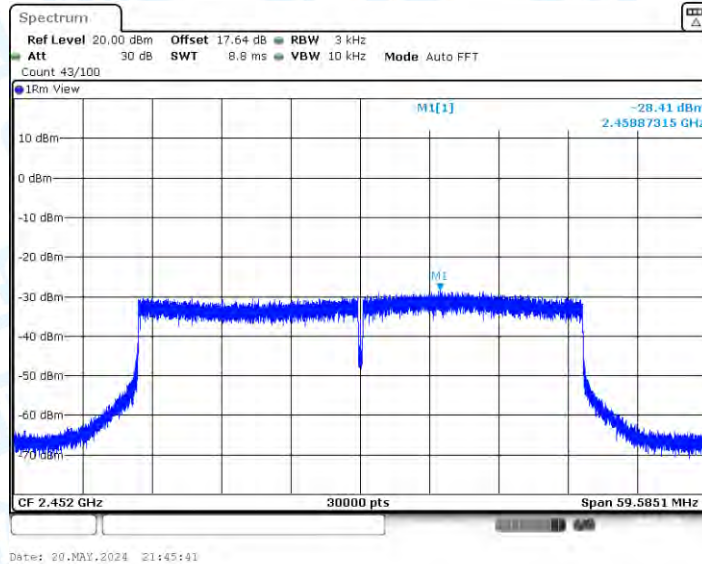
11AX40MIMO_Ant1_2437



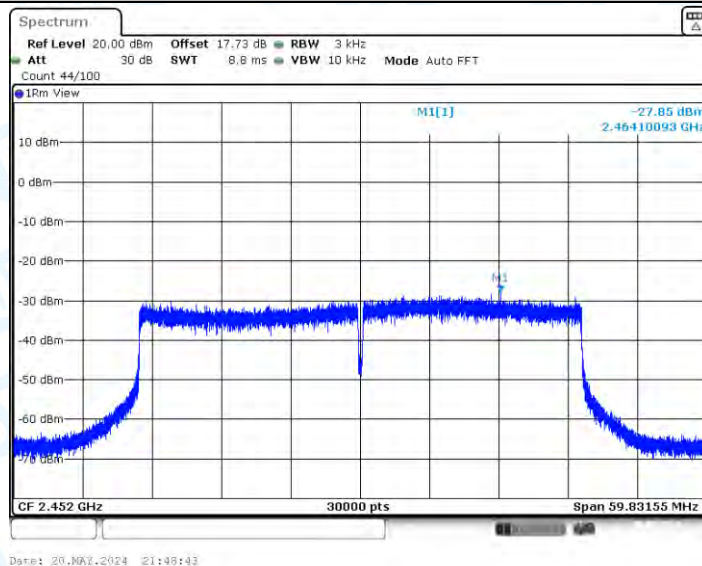
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



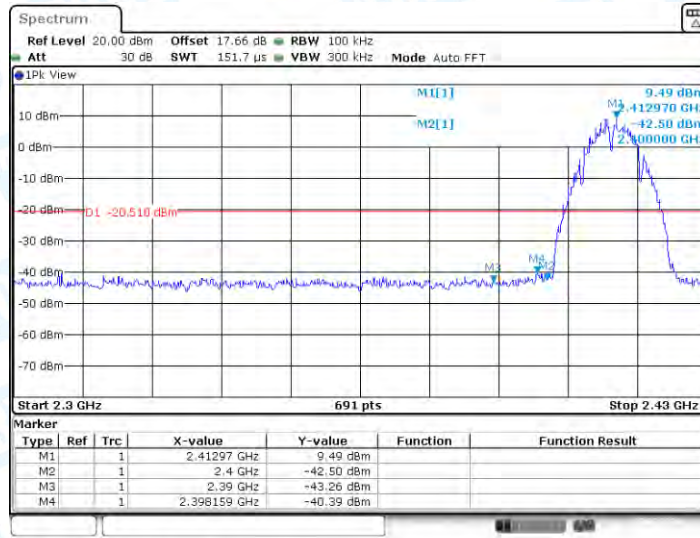
5. Band edge measurements

5.1. Test Result

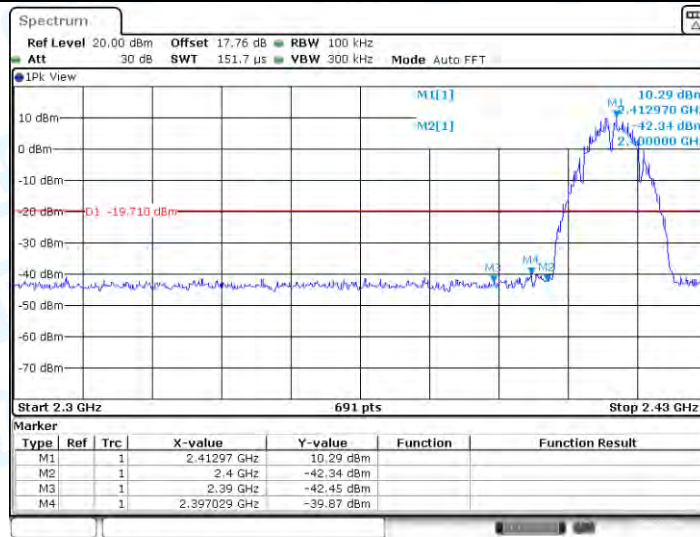
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	9.49	-40.39	≤-20.51	PASS
	Ant2	Low	2412	10.29	-39.87	≤-19.71	PASS
	Ant1	High	2462	8.34	-39.08	≤-21.66	PASS
	Ant2	High	2462	8.76	-38.33	≤-21.24	PASS
11G-CDD	Ant1	Low	2412	4.50	-30.26	≤-25.5	PASS
	Ant2	Low	2412	5.81	-28.54	≤-24.19	PASS
	Ant1	High	2462	4.43	-39.26	≤-25.57	PASS
	Ant2	High	2462	3.56	-39.11	≤-26.44	PASS
11N20MIMO	Ant1	Low	2412	0.54	-33.62	≤-29.46	PASS
	Ant2	Low	2412	-0.29	-31.34	≤-30.29	PASS
	Ant1	High	2462	1.29	-39.54	≤-28.71	PASS
	Ant2	High	2462	0.27	-39.81	≤-29.73	PASS
11N40MIMO	Ant1	Low	2422	-5.56	-37.63	≤-35.56	PASS
	Ant2	Low	2422	-4.81	-35.83	≤-34.81	PASS
	Ant1	High	2452	-6.88	-39.01	≤-36.88	PASS
	Ant2	High	2452	-6.61	-39.73	≤-36.61	PASS
11AX20MIMO	Ant1	Low	2412	-1.58	-37.21	≤-31.58	PASS
	Ant2	Low	2412	-3.81	-37.46	≤-33.81	PASS
	Ant1	High	2462	-4.62	-38.9	≤-34.62	PASS
	Ant2	High	2462	-4.56	-39.42	≤-34.56	PASS
11AX40MIMO	Ant1	Low	2422	-9.88	-40.25	≤-39.88	PASS
	Ant2	Low	2422	-9.32	-39.48	≤-39.32	PASS
	Ant1	High	2452	-8.27	-49.98	≤-38.27	PASS
	Ant2	High	2452	-7.93	-49.3	≤-37.93	PASS

5.2. Test Graphs

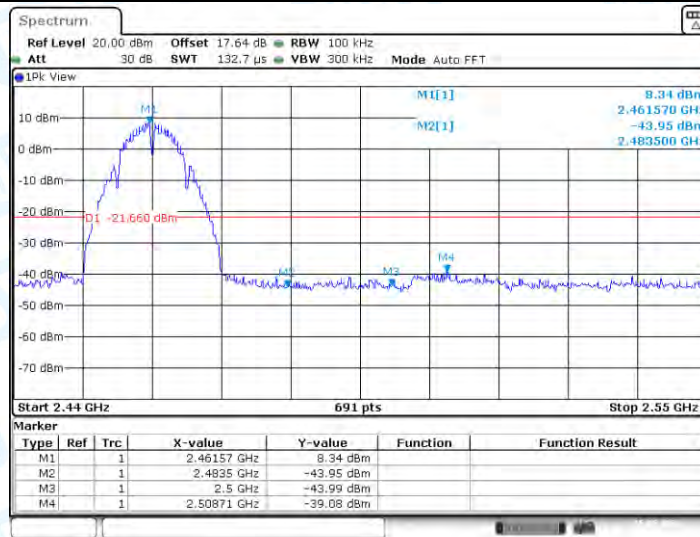
11B-CDD_Ant1_Low_2412



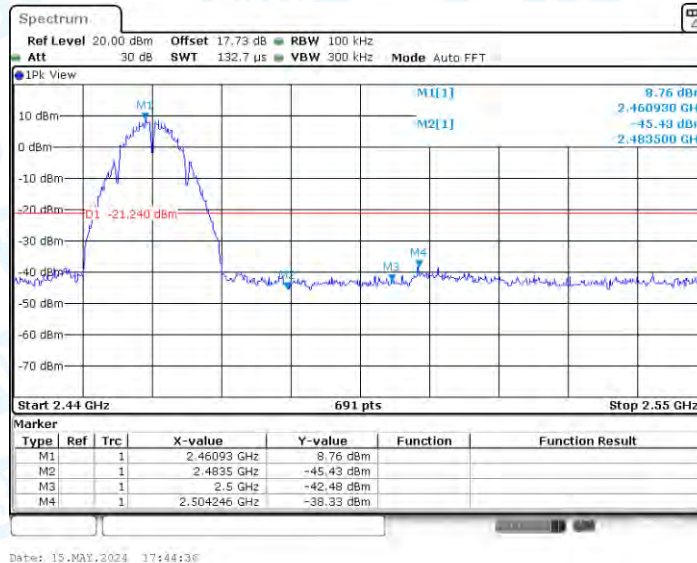
11B-CDD_Ant2_Low_2412



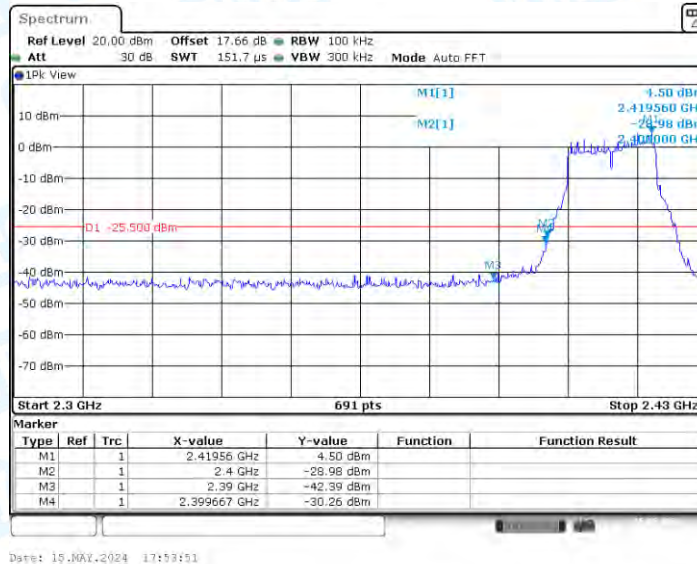
11B-CDD_Ant1_High_2462



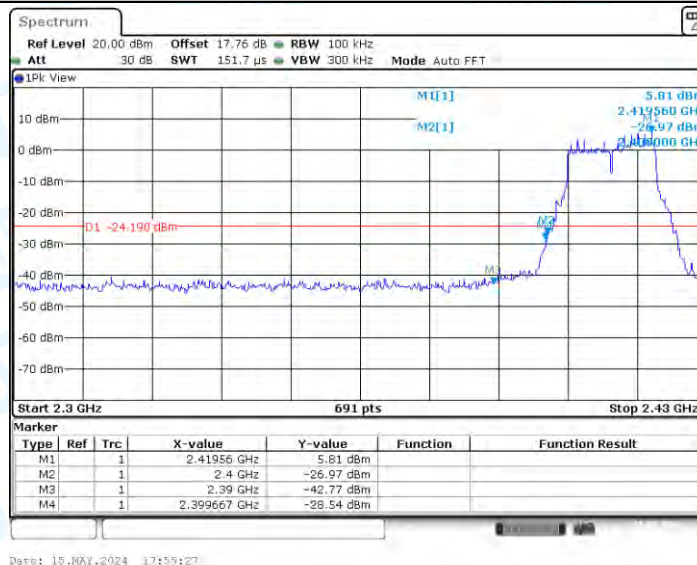
11B-CDD_Ant2_High_2462



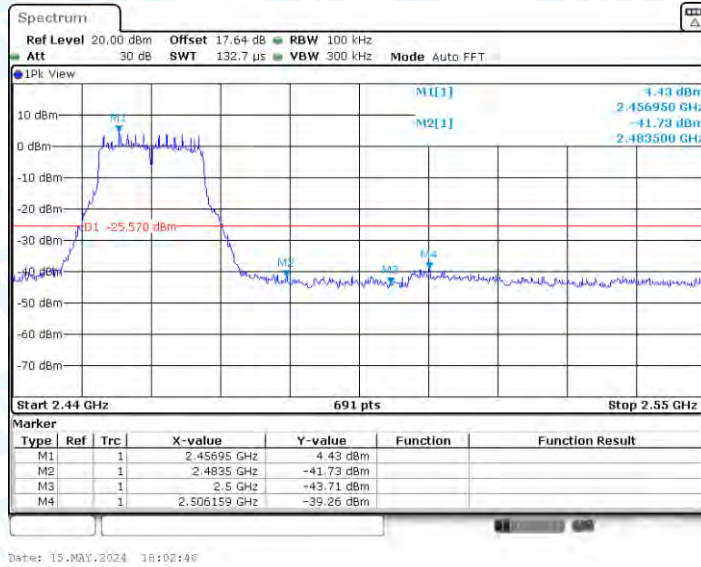
11G-CDD_Ant1_Low_2412



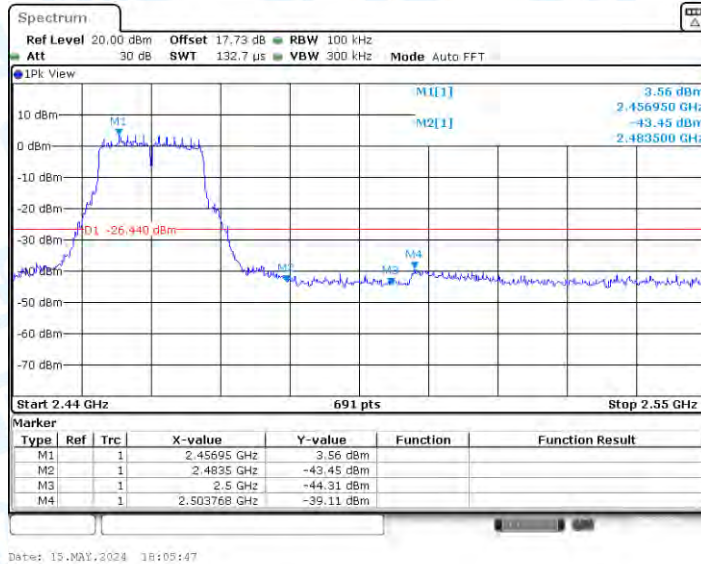
11G-CDD_Ant2_Low_2412



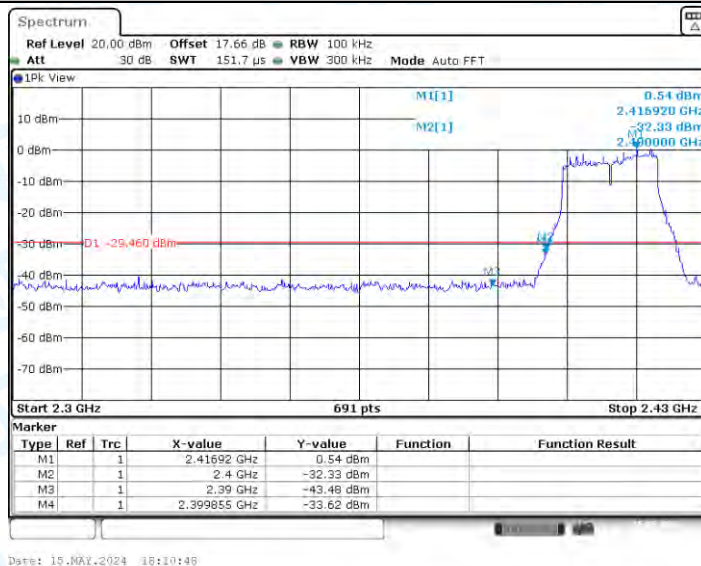
11G-CDD_Ant1_High_2462



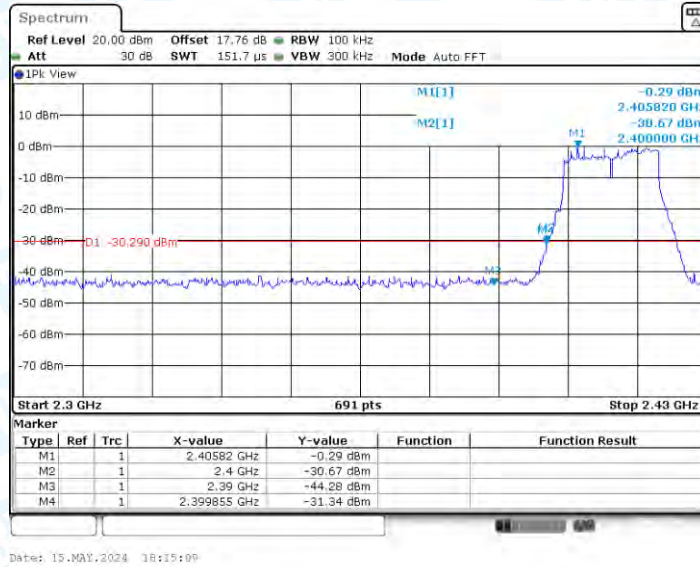
11G-CDD_Ant2_High_2462



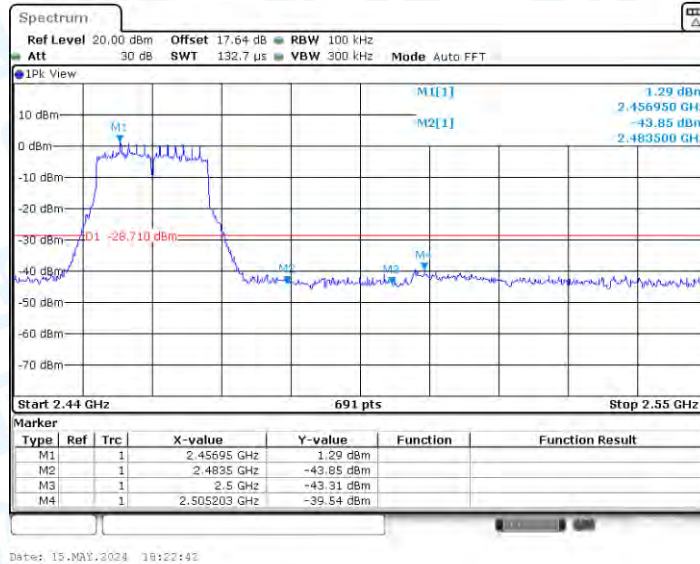
11N20MIMO_Ant1_Low_2412



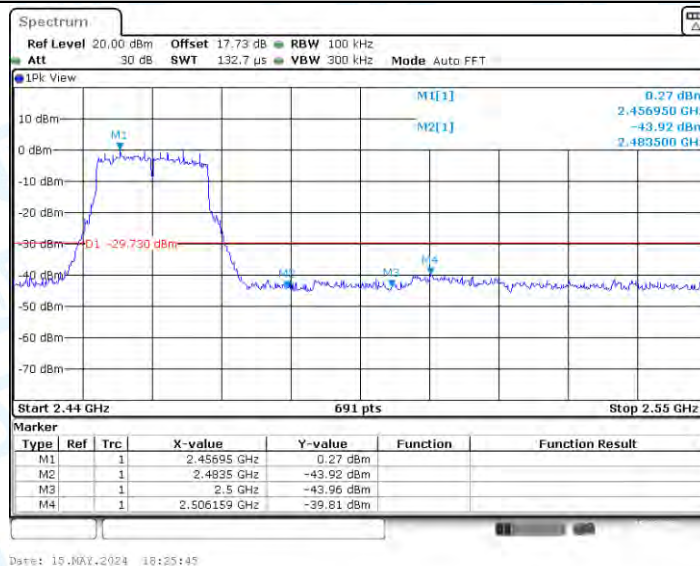
11N20MIMO_Ant2_Low_2412



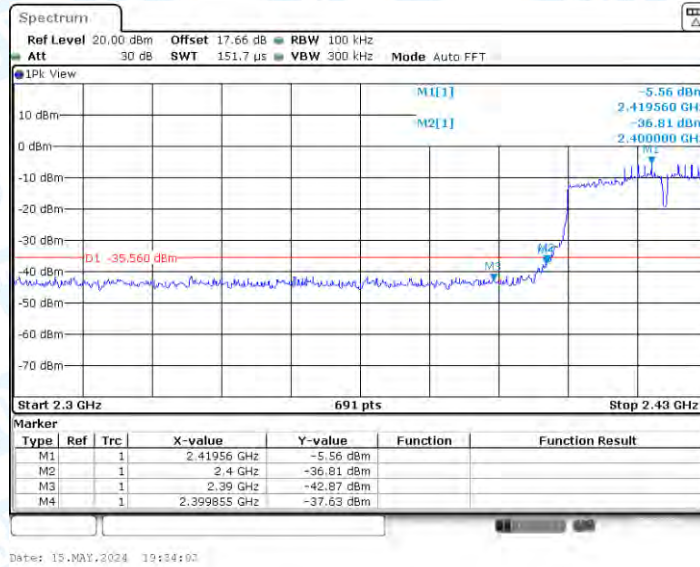
11N20MIMO_Ant1_High_2462



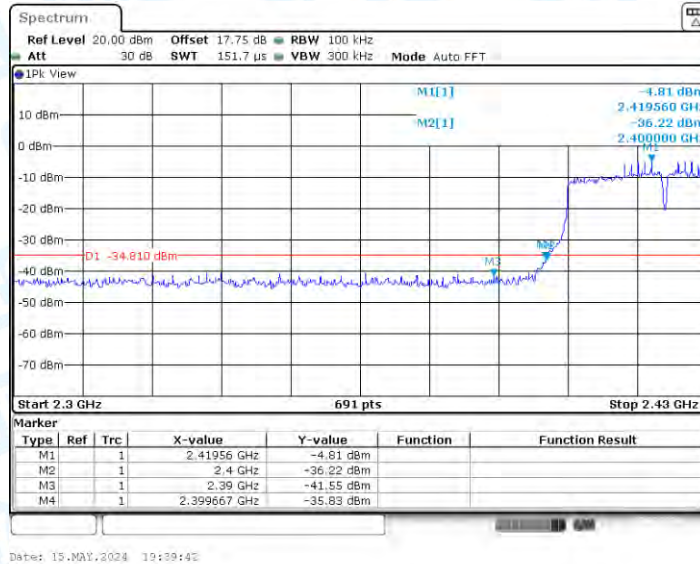
11N20MIMO_Ant2_High_2462



11N40MIMO_Ant1_Low_2422



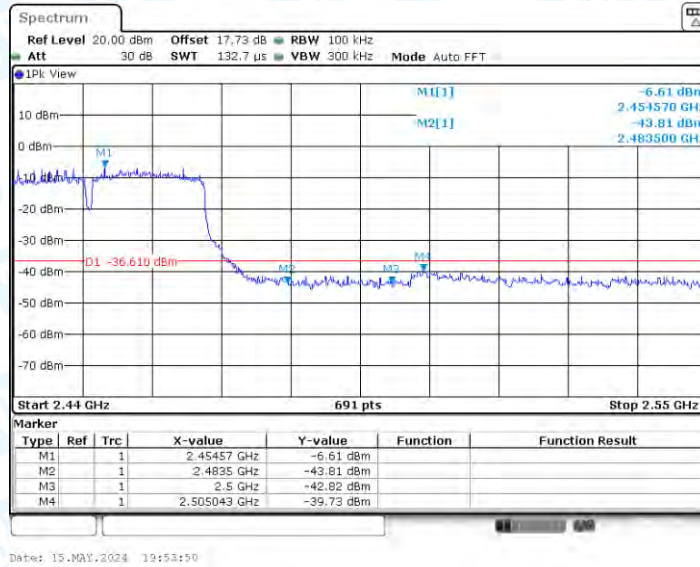
11N40MIMO_Ant2_Low_2422



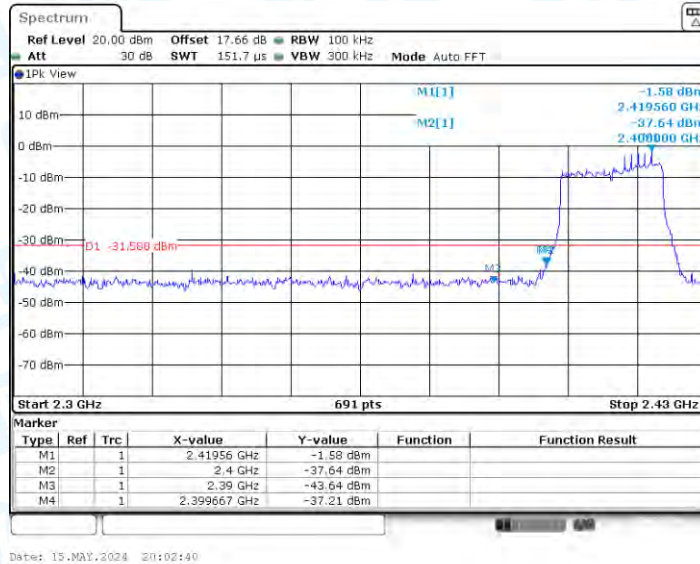
11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452



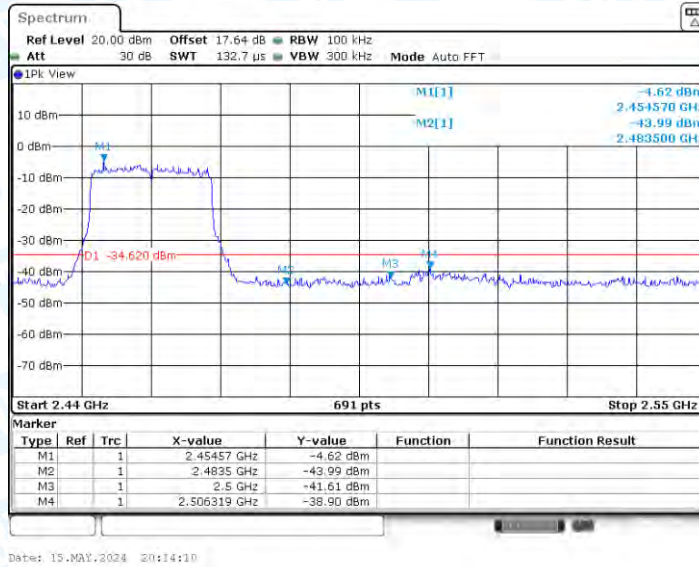
11AX20MIMO_Ant1_Low_2412



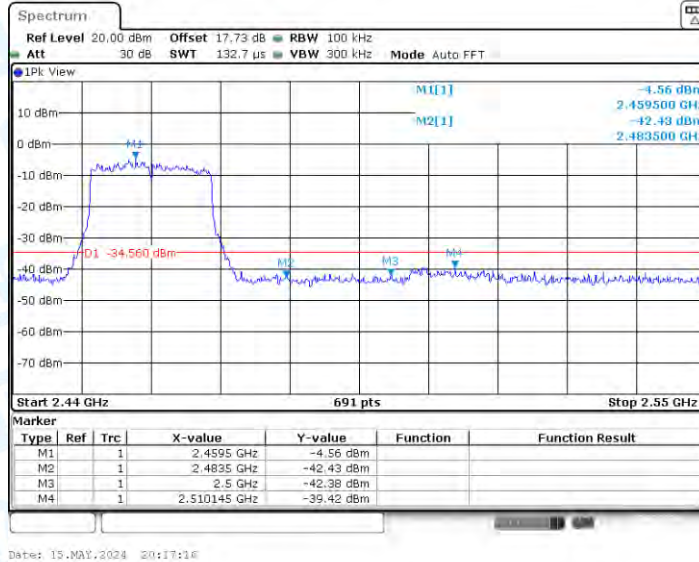
11AX20MIMO_Ant2_Low_2412



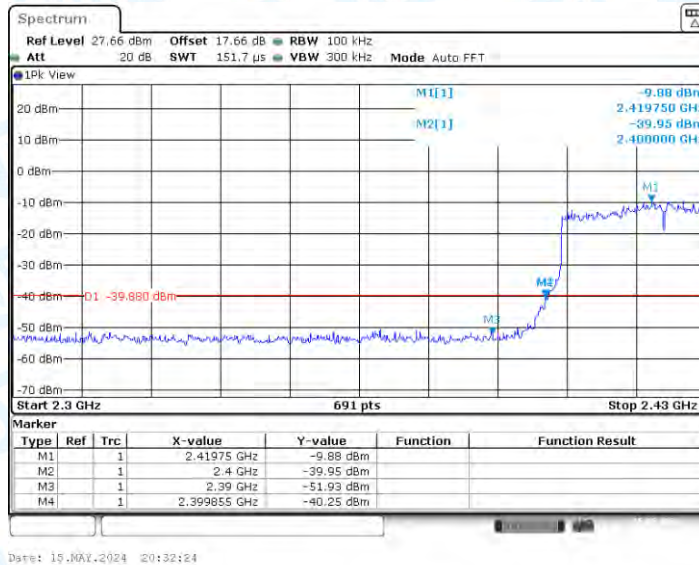
11AX20MIMO_Ant1_High_2462



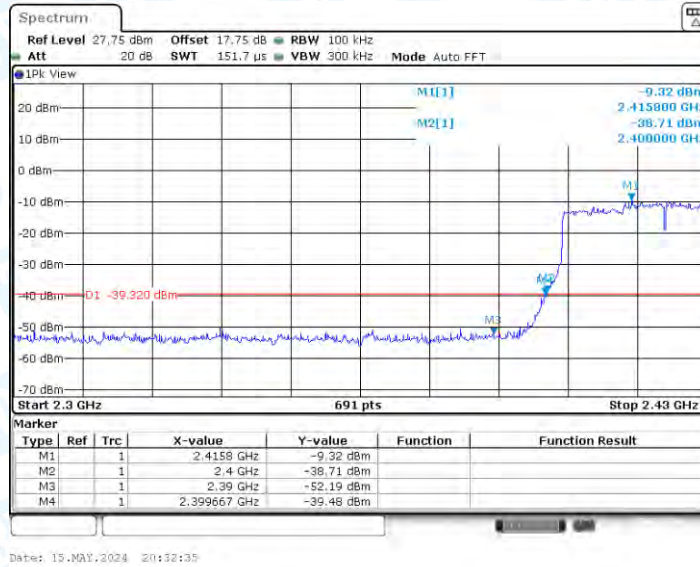
11AX20MIMO_Ant2_High_2462



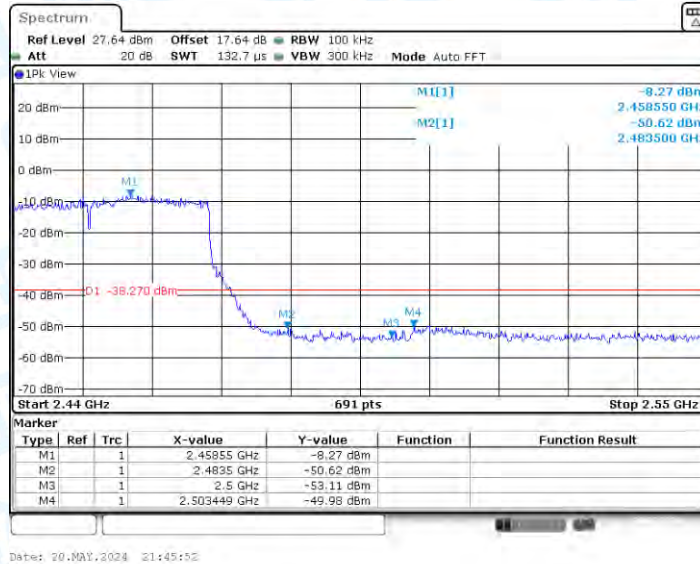
11AX40MIMO_Ant1_Low_2422



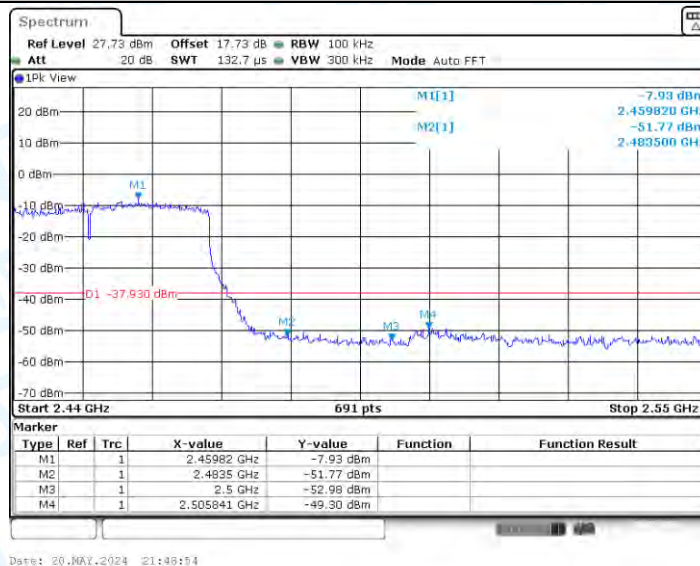
11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452



6. Conducted Spurious Emission

6.1. Test Result

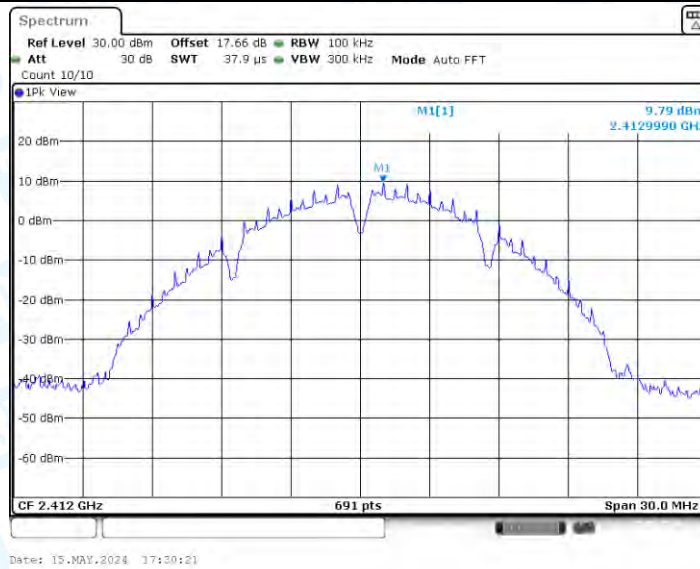
Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	Reference	9.79	9.79	---	PASS
			30~1000	9.79	-48.39	≤ -20.21	PASS
			1000~26500	9.79	-42.27	≤ -20.21	PASS
	Ant2	2412	Reference	10.58	10.58	---	PASS
			30~1000	10.58	-48.17	≤ -19.42	PASS
			1000~26500	10.58	-43.26	≤ -19.42	PASS
	Ant1	2437	Reference	7.37	7.37	---	PASS
			30~1000	7.37	-48.63	≤ -22.63	PASS
			1000~26500	7.37	-42.56	≤ -22.63	PASS
	Ant2	2437	Reference	8.43	8.43	---	PASS
			30~1000	8.43	-47.55	≤ -21.57	PASS
			1000~26500	8.43	-43.36	≤ -21.57	PASS
11G-CDD	Ant1	2412	Reference	7.50	7.50	---	PASS
			30~1000	7.50	-48.39	≤ -22.5	PASS
			1000~26500	7.50	-42.78	≤ -22.5	PASS
	Ant2	2412	Reference	5.98	5.98	---	PASS
			30~1000	5.98	-48.23	≤ -24.02	PASS
			1000~26500	5.98	-43	≤ -24.02	PASS
	Ant1	2437	Reference	3.59	3.59	---	PASS
			30~1000	3.59	-47.63	≤ -26.41	PASS
			1000~26500	3.59	-43	≤ -26.41	PASS
	Ant2	2437	Reference	4.89	4.89	---	PASS
			30~1000	4.89	-48.48	≤ -25.11	PASS
			1000~26500	4.89	-42.96	≤ -25.11	PASS
11N20MIMO	Ant1	2412	Reference	1.55	1.55	---	PASS
			30~1000	1.55	-48.22	≤ -28.45	PASS
			1000~26500	1.55	-42.68	≤ -28.45	PASS
	Ant2	2412	Reference	1.96	1.96	---	PASS
			30~1000	1.96	-48.22	≤ -28.45	PASS
			1000~26500	1.96	-42.68	≤ -28.45	PASS

			30~1000	1.96	-48.01	≤ -28.04	PASS
			1000~26500	1.96	-42.57	≤ -28.04	PASS
			Reference	0.37	0.37	---	PASS
	Ant1	2437	30~1000	0.37	-46.96	≤ -29.63	PASS
			1000~26500	0.37	-43.45	≤ -29.63	PASS
			Reference	1.76	1.76	---	PASS
	Ant2	2437	30~1000	1.76	-48.16	≤ -28.24	PASS
			1000~26500	1.76	-42.83	≤ -28.24	PASS
			Reference	0.82	0.82	---	PASS
	Ant1	2462	30~1000	0.82	-48.24	≤ -29.18	PASS
			1000~26500	0.82	-43.12	≤ -29.18	PASS
			Reference	1.50	1.50	---	PASS
	Ant2	2462	30~1000	1.50	-48.79	≤ -28.5	PASS
			1000~26500	1.50	-43.15	≤ -28.5	PASS
			Reference	-5.45	-5.45	---	PASS
11N40MIMO	Ant1	2422	30~1000	-5.45	-48.77	≤ -35.45	PASS
			1000~26500	-5.45	-42.28	≤ -35.45	PASS
			Reference	-5.09	-5.09	---	PASS
	Ant2	2422	30~1000	-5.09	-46.28	≤ -35.09	PASS
			1000~26500	-5.09	-42.85	≤ -35.09	PASS
			Reference	-7.80	-7.80	---	PASS
	Ant1	2437	30~1000	-7.80	-48.62	≤ -37.8	PASS
			1000~26500	-7.80	-42.4	≤ -37.8	PASS
			Reference	-4.98	-4.98	---	PASS
	Ant2	2437	30~1000	-4.98	-48	≤ -34.98	PASS
			1000~26500	-4.98	-42.5	≤ -34.98	PASS
			Reference	-8.15	-8.15	---	PASS
	Ant1	2452	30~1000	-8.15	-48.35	≤ -38.15	PASS
			1000~26500	-8.15	-42.89	≤ -38.15	PASS
			Reference	-4.98	-4.98	---	PASS
	Ant2	2452	30~1000	-4.98	-47.9	≤ -34.98	PASS
			1000~26500	-4.98	-42.15	≤ -34.98	PASS
			Reference	-1.46	-1.46	---	PASS
11AX20MIMO	Ant1	2412	30~1000	-1.46	-48.82	≤ -31.46	PASS
			1000~26500	-1.46	-43.16	≤ -31.46	PASS
			Reference	-1.10	-1.10	---	PASS
	Ant2	2412	30~1000	-1.10	-48.62	≤ -31.1	PASS
			1000~26500	-1.10	-43.36	≤ -31.1	PASS
			Reference	-4.39	-4.39	---	PASS
	Ant1	2437	30~1000	-4.39	-48.65	≤ -34.39	PASS
			1000~26500	-4.39	-42.61	≤ -34.39	PASS
			Reference	-4.63	-4.63	---	PASS
	Ant2	2437	30~1000	-4.63	-47.51	≤ -34.63	PASS
			1000~26500	-4.63	-42.33	≤ -34.63	PASS
			Reference	-3.33	-3.33	---	PASS
	Ant1	2462	Reference	-3.33	-3.33	---	PASS
			30~1000	-3.33	-3.33	---	PASS
			1000~26500	-3.33	-3.33	---	PASS

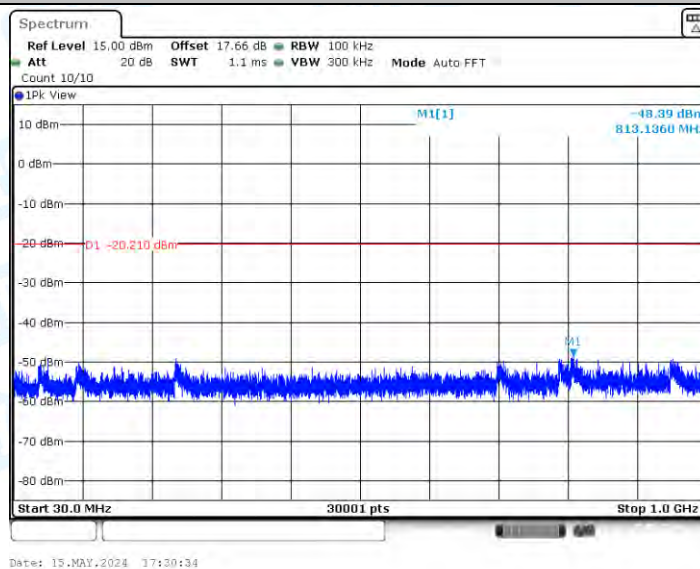
			30~1000	-3.33	-48.47	≤ -33.33	PASS
			1000~26500	-3.33	-42.63	≤ -33.33	PASS
			Reference	-4.21	-4.21	---	PASS
			30~1000	-4.21	-47.93	≤ -34.21	PASS
			1000~26500	-4.21	-42.68	≤ -34.21	PASS
11AX40MIMO	Ant1	2422	Reference	-7.90	-7.90	---	PASS
			30~1000	-7.90	-48.43	≤ -37.9	PASS
			1000~26500	-7.90	-42.49	≤ -37.9	PASS
	Ant2	2422	Reference	-6.98	-6.98	---	PASS
			30~1000	-6.98	-47.18	≤ -36.98	PASS
			1000~26500	-6.98	-42.46	≤ -36.98	PASS
	Ant1	2437	Reference	-2.23	-2.23	---	PASS
			30~1000	-2.23	-47.78	≤ -32.23	PASS
			1000~26500	-2.23	-43.11	≤ -32.23	PASS
	Ant2	2437	Reference	-2.44	-2.44	---	PASS
			30~1000	-2.44	-48.34	≤ -32.44	PASS
			1000~26500	-2.44	-42.92	≤ -32.44	PASS
	Ant1	2452	Reference	-7.78	-7.78	---	PASS
			30~1000	-7.78	-48.04	≤ -37.78	PASS
			1000~26500	-7.78	-42.21	≤ -37.78	PASS
	Ant2	2452	Reference	-6.57	-6.57	---	PASS
			30~1000	-6.57	-48.01	≤ -36.57	PASS
			1000~26500	-6.57	-42.56	≤ -36.57	PASS

6.2. Test Graphs

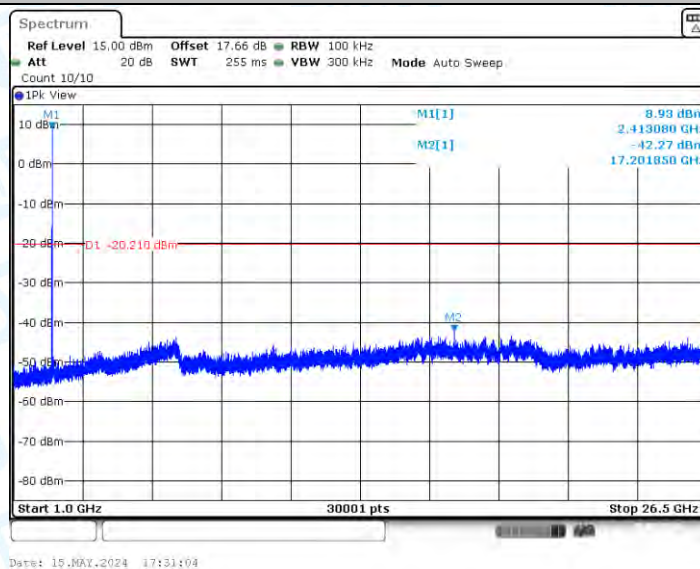
11B-CDD_Ant1_2412_0~Reference



11B-CDD_Ant1_2412_30~1000



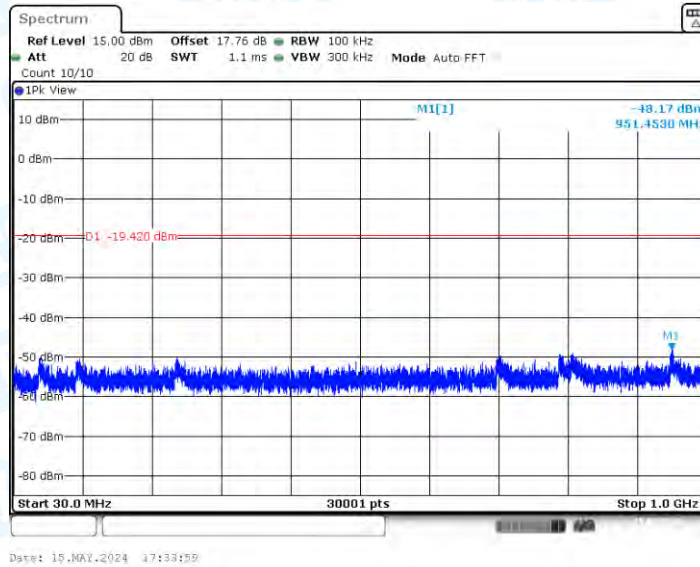
11B-CDD_Ant1_2412_1000~26500



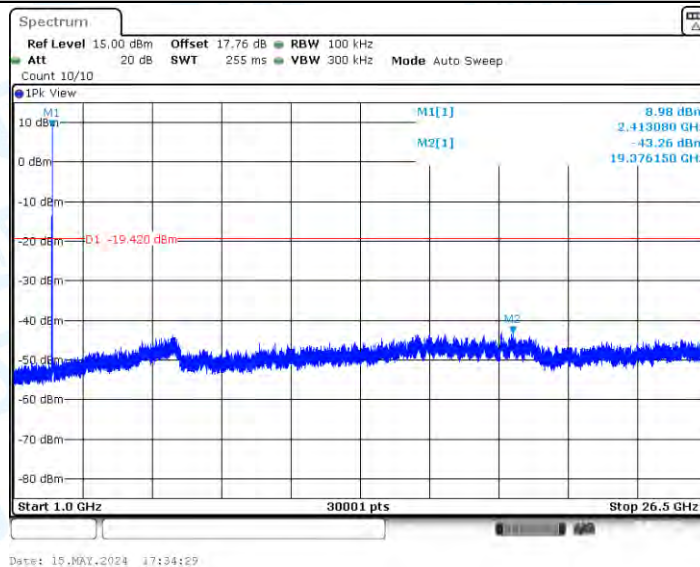
11B-CDD_Ant2_2412_0~Reference



11B-CDD_Ant2_2412_30~1000



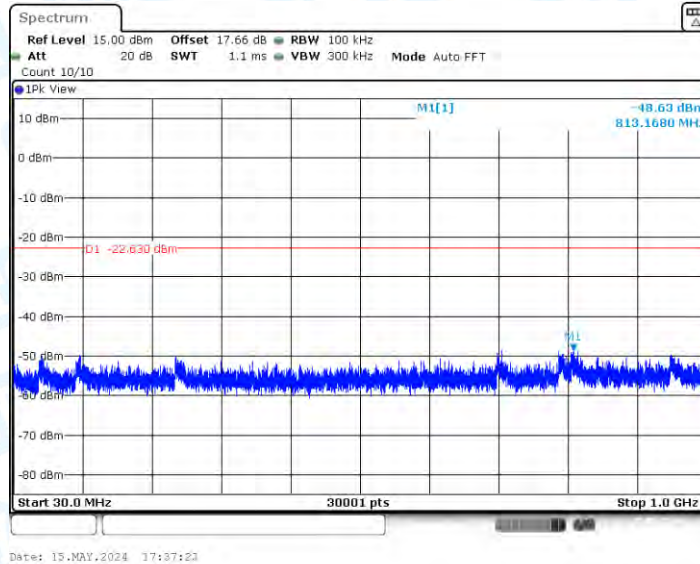
11B-CDD_Ant2_2412_1000~26500



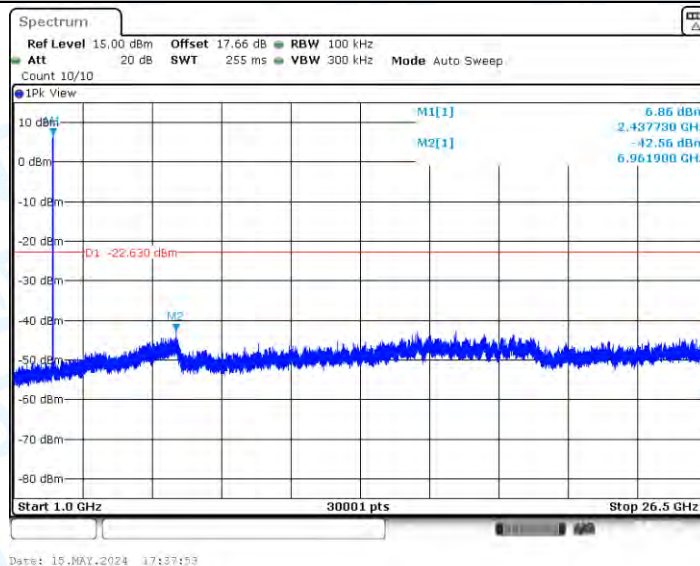
11B-CDD_Ant1_2437_0~Reference



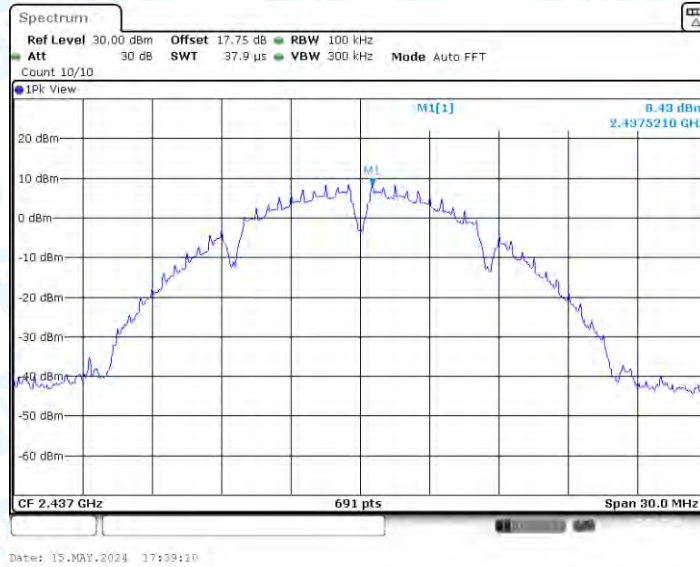
11B-CDD_Ant1_2437_30~1000



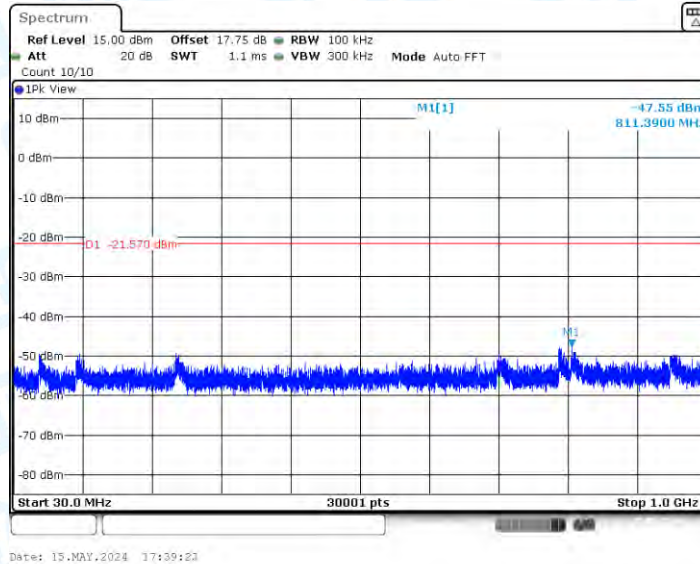
11B-CDD_Ant1_2437_1000~26500



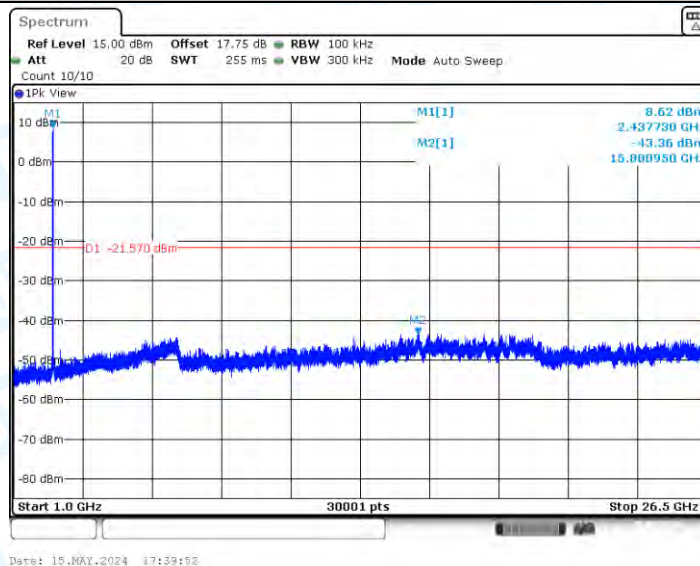
11B-CDD_Ant2_2437_0~Reference



11B-CDD_Ant2_2437_30~1000



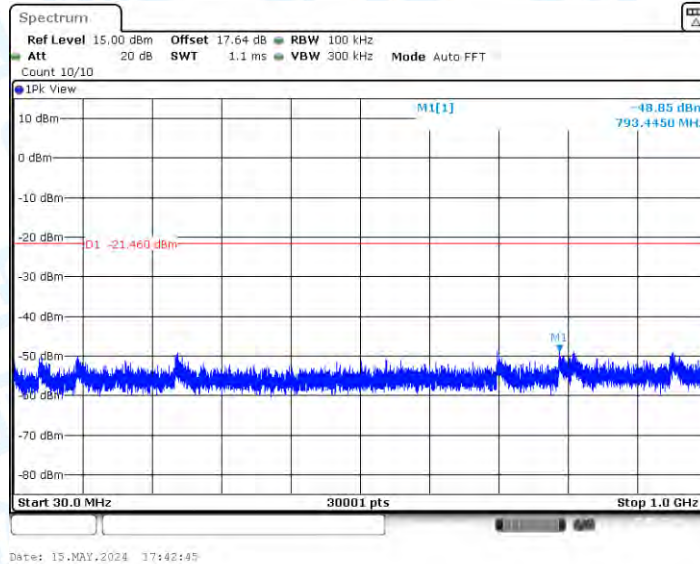
11B-CDD_Ant2_2437_1000~26500



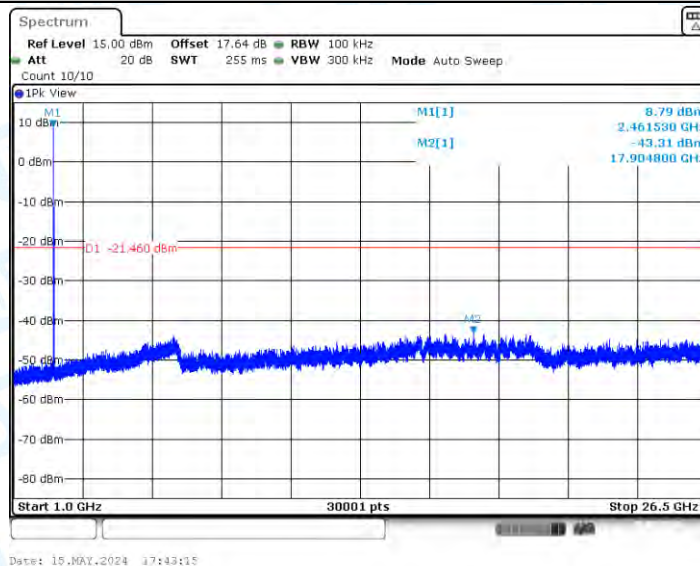
11B-CDD_Ant1_2462_0~Reference



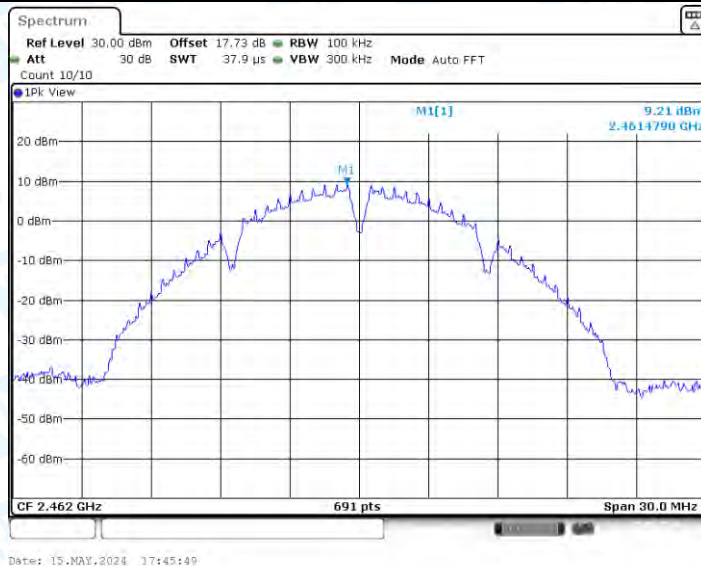
11B-CDD_Ant1_2462_30~1000



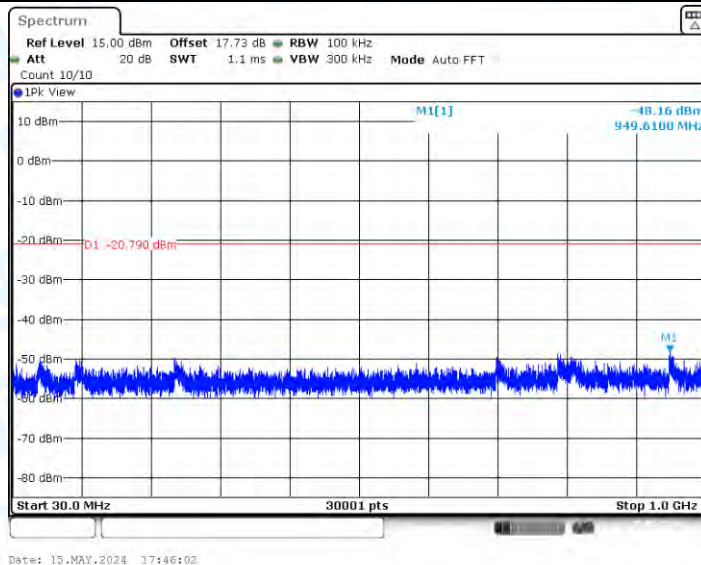
11B-CDD_Ant1_2462_1000~26500



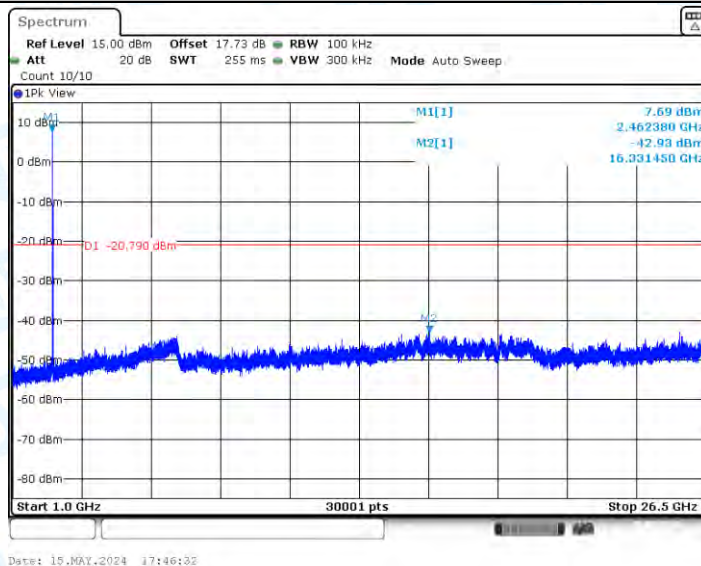
11B-CDD_Ant2_2462_0~Reference



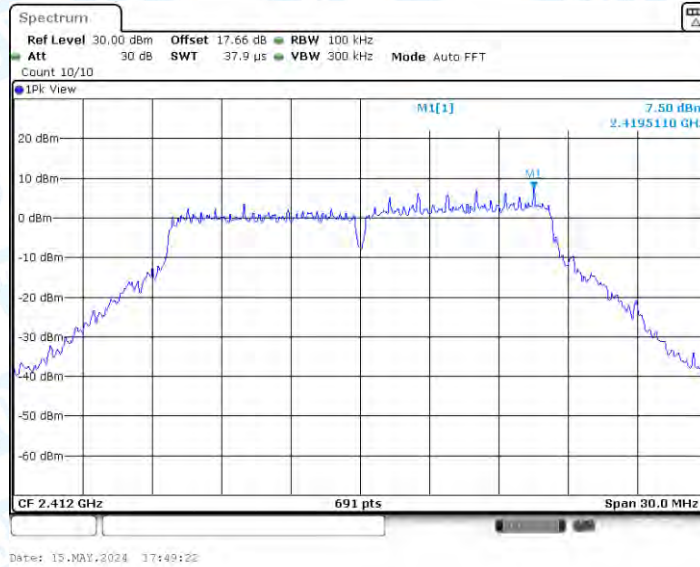
11B-CDD_Ant2_2462_30~1000



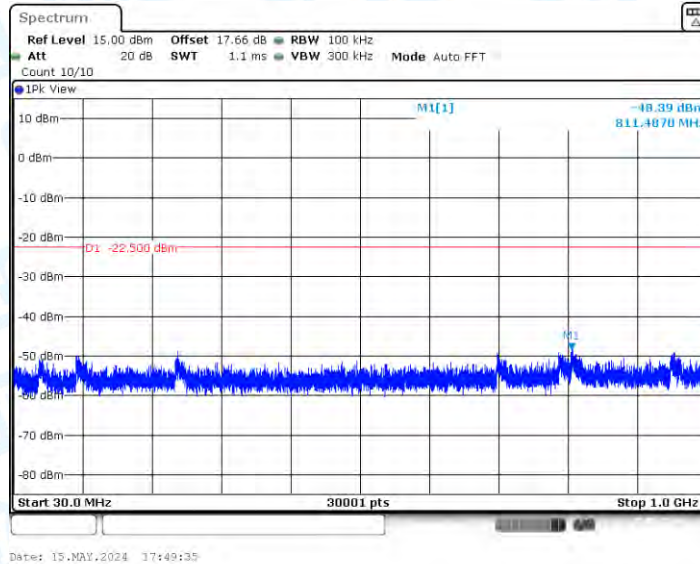
11B-CDD_Ant2_2462_1000~26500



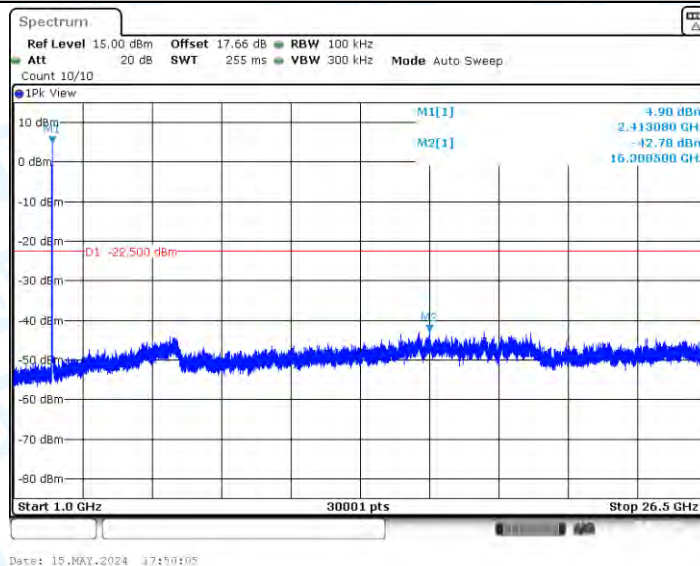
11G-CDD_Ant1_2412_0~Reference



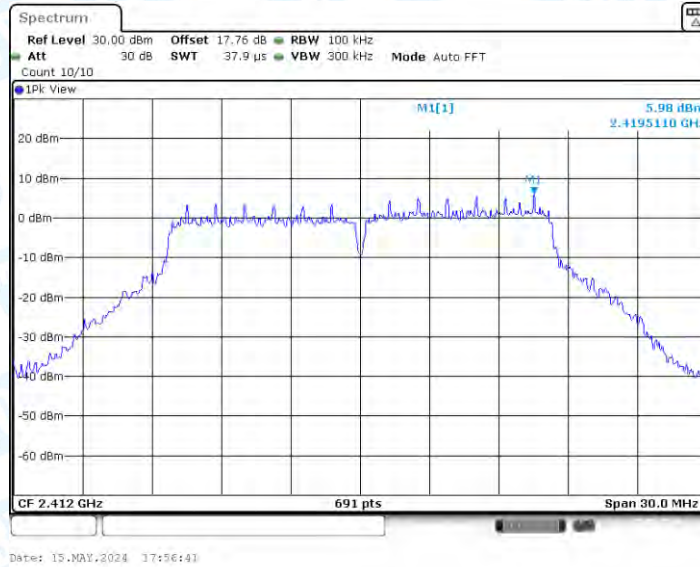
11G-CDD_Ant1_2412_30~1000



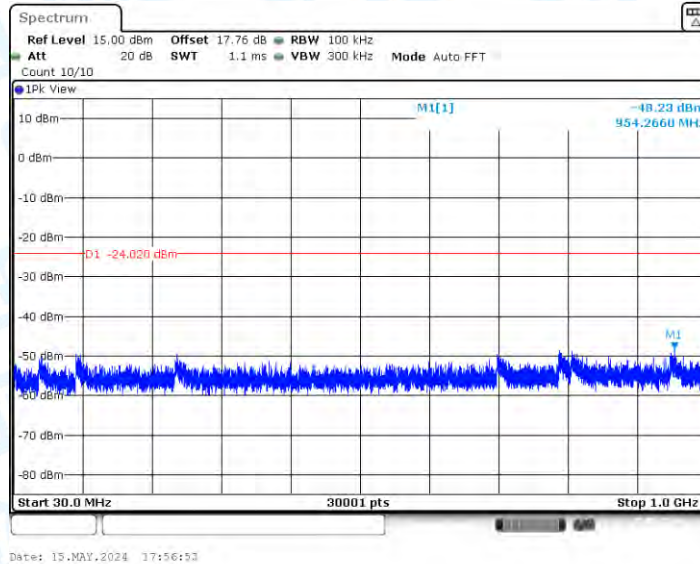
11G-CDD_Ant1_2412_1000~26500



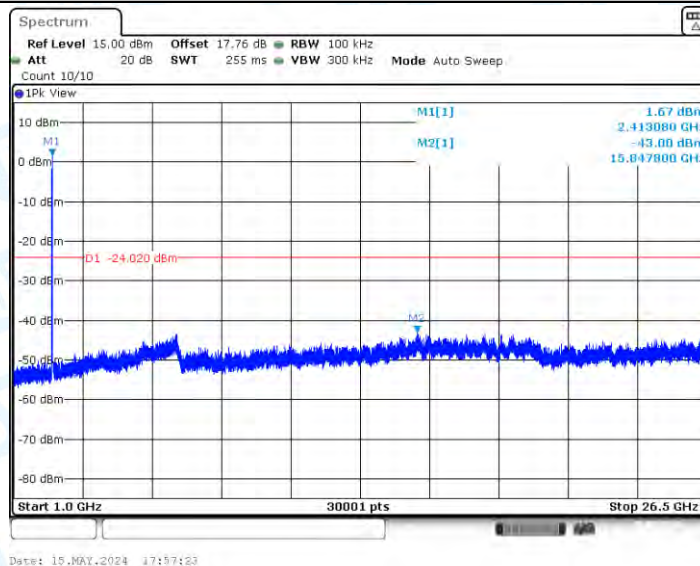
11G-CDD_Ant2_2412_0~Reference



11G-CDD_Ant2_2412_30~1000



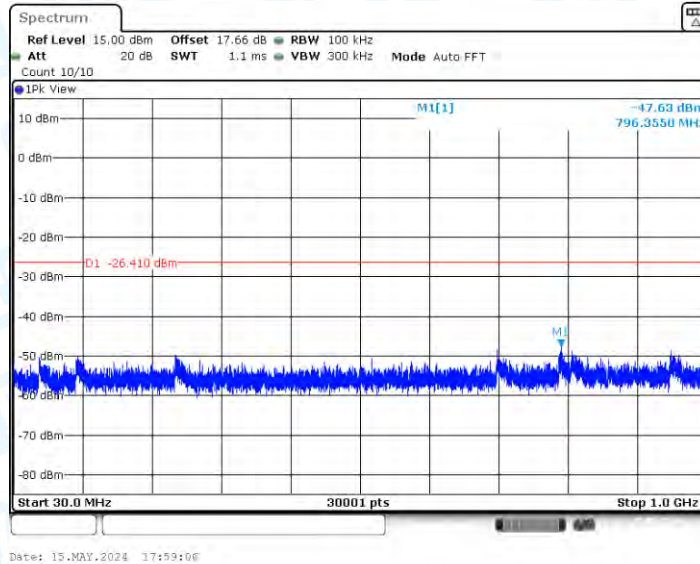
11G-CDD_Ant2_2412_1000~26500



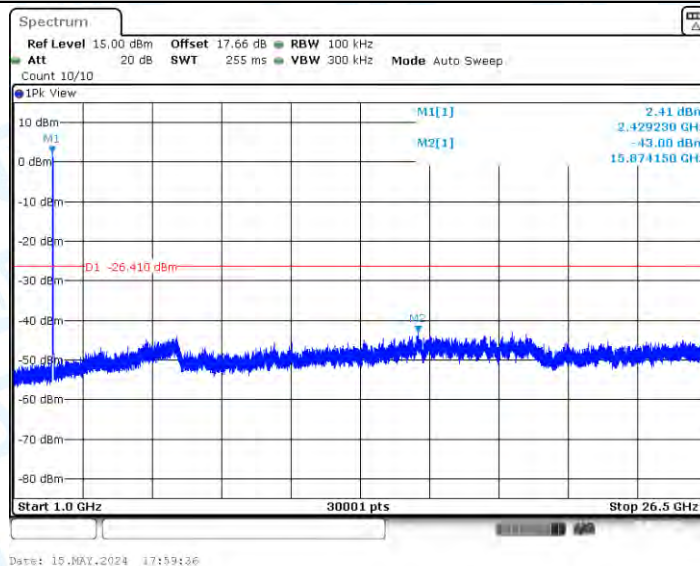
11G-CDD_Ant1_2437_0~Reference



11G-CDD_Ant1_2437_30~1000



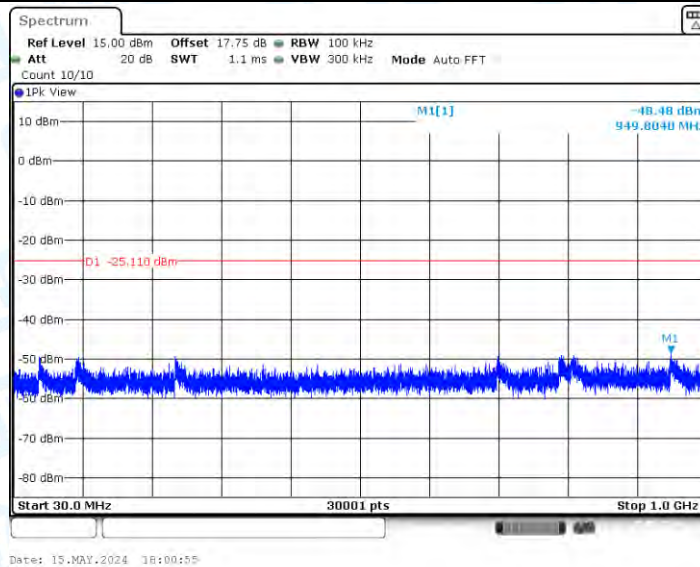
11G-CDD_Ant1_2437_1000~26500



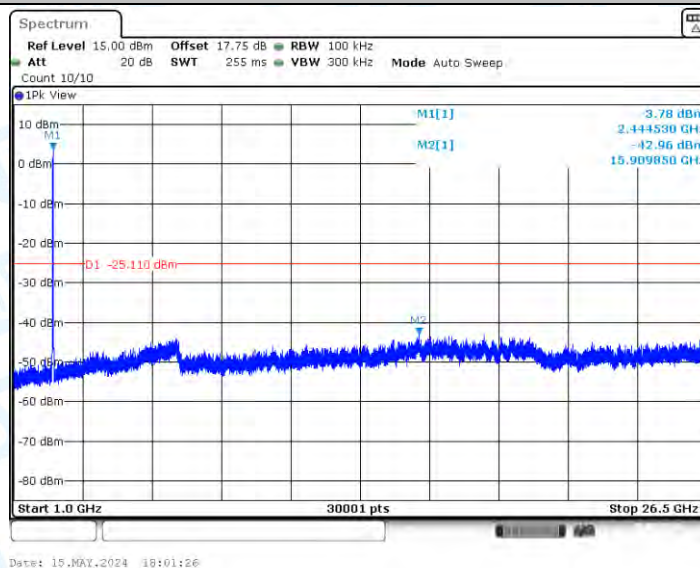
11G-CDD_Ant2_2437_0~Reference



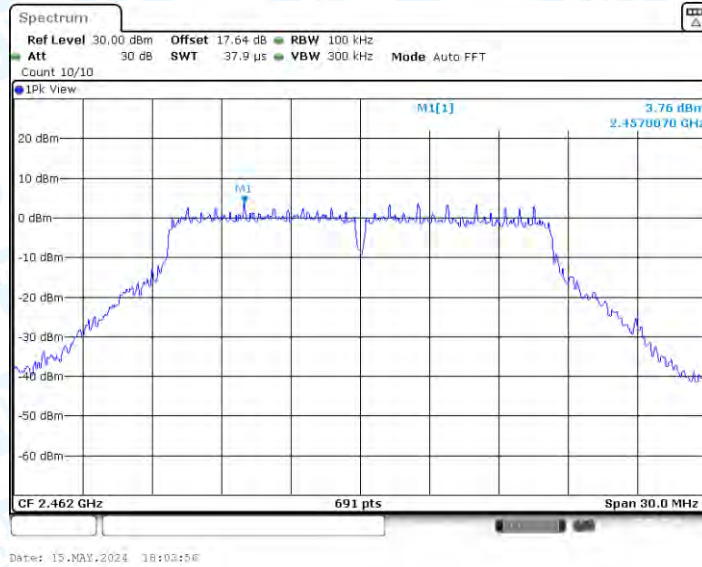
11G-CDD_Ant2_2437_30~1000



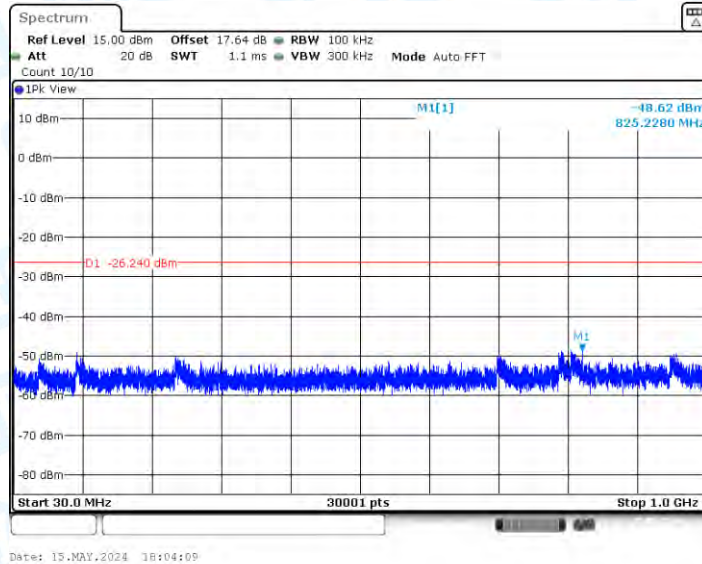
11G-CDD_Ant2_2437_1000~26500



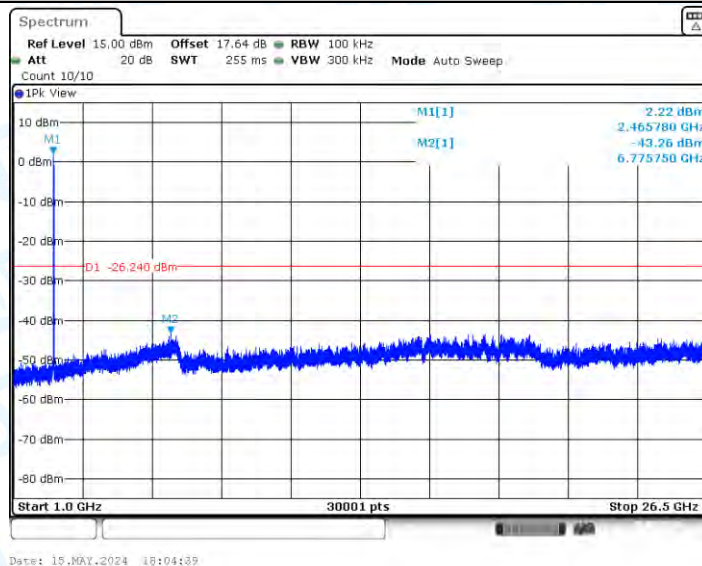
11G-CDD_Ant1_2462_0~Reference



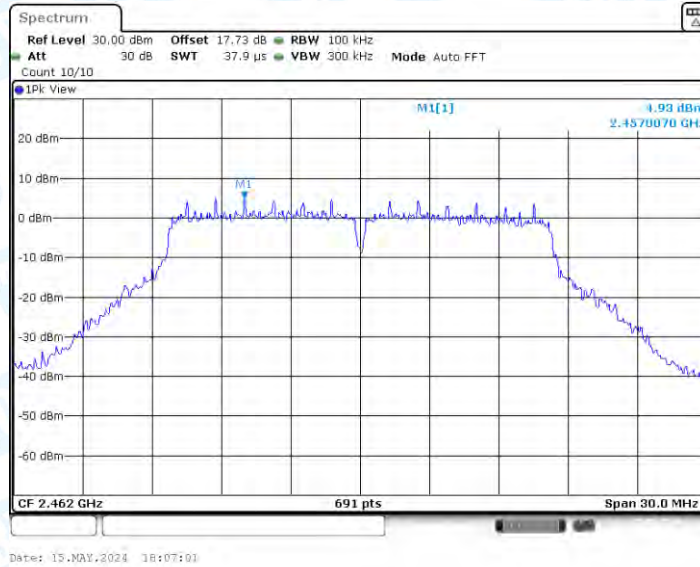
11G-CDD_Ant1_2462_30~1000



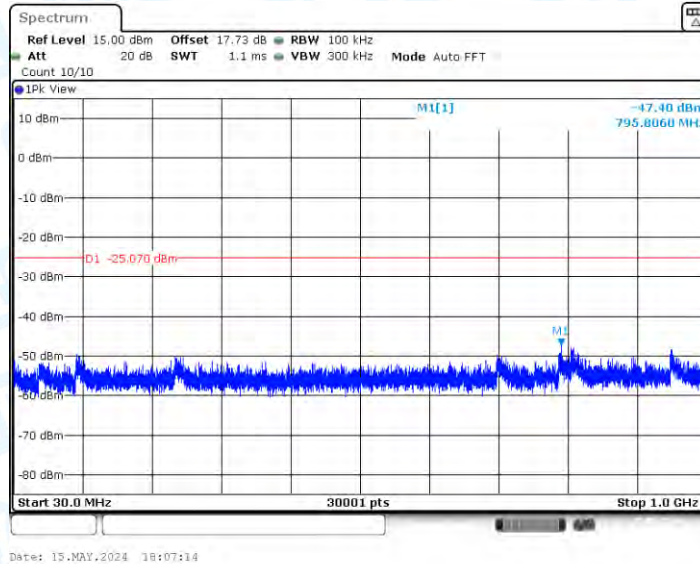
11G-CDD_Ant1_2462_1000~26500



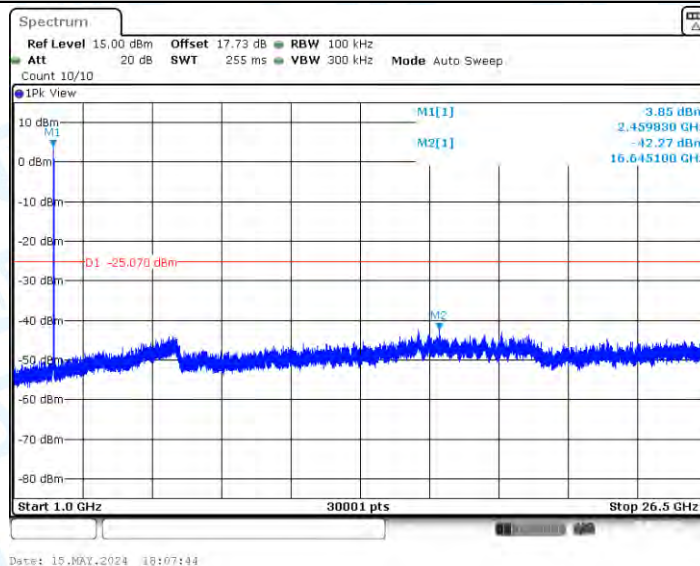
11G-CDD_Ant2_2462_0~Reference



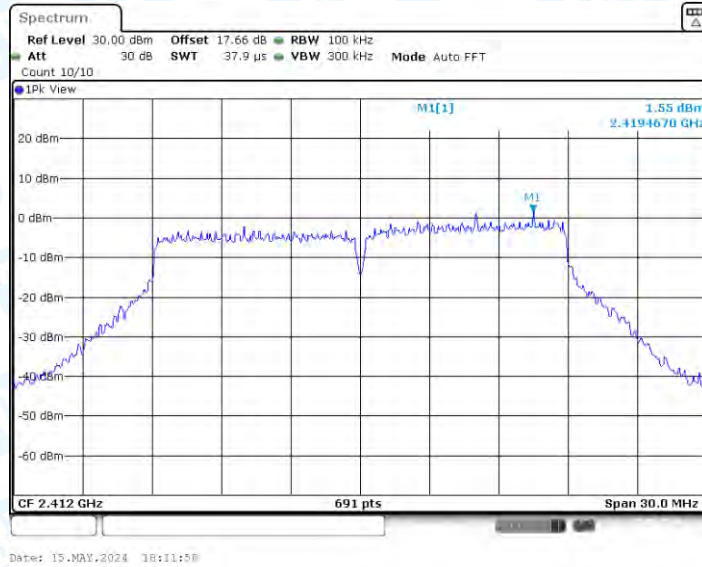
11G-CDD_Ant2_2462_30~1000



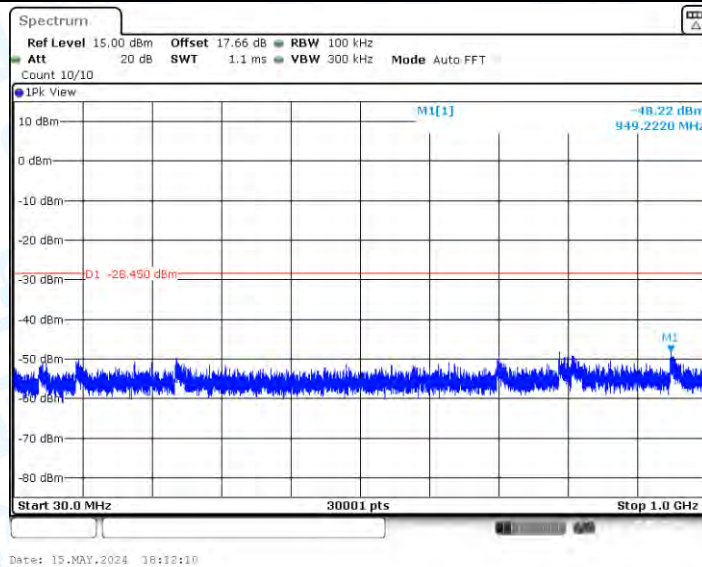
11G-CDD_Ant2_2462_1000~26500



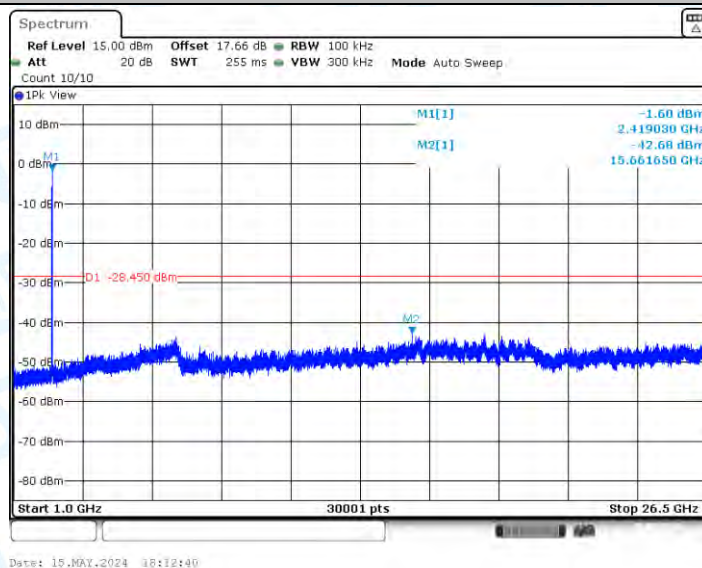
11N20MIMO_Ant1_2412_0~Reference



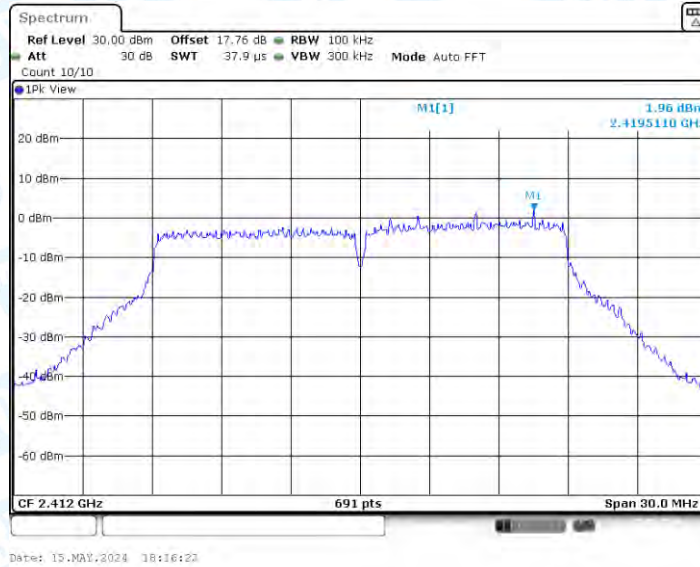
11N20MIMO_Ant1_2412_30~1000



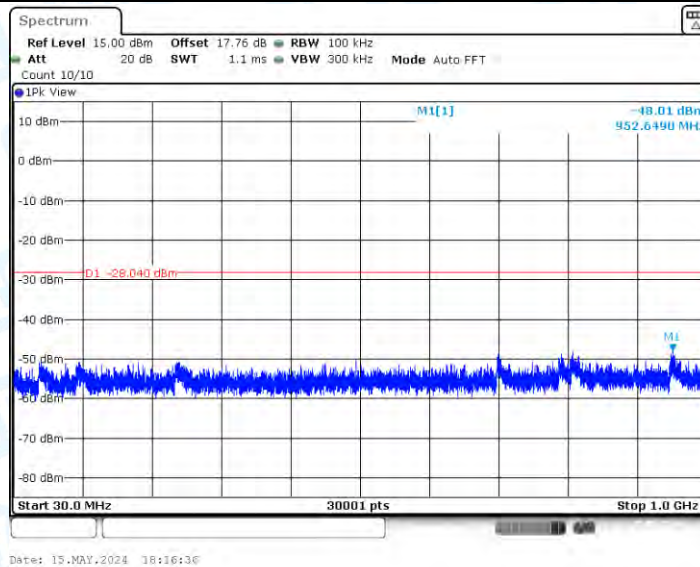
11N20MIMO_Ant1_2412_1000~26500



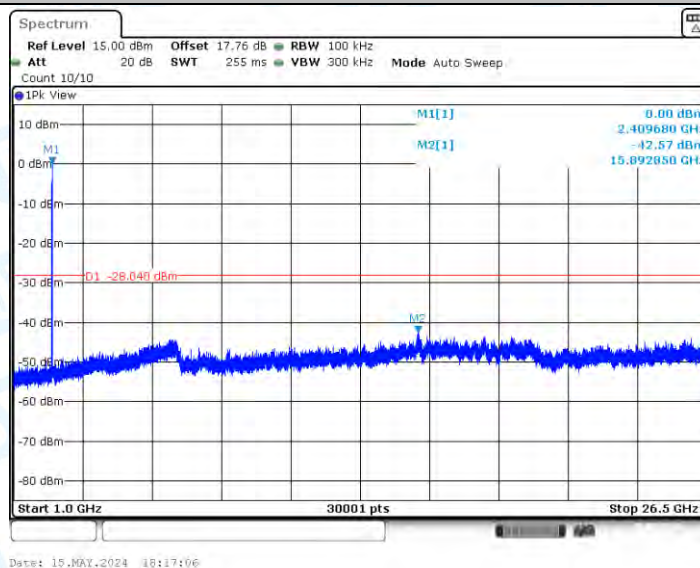
11N20MIMO_Ant2_2412_0~Reference



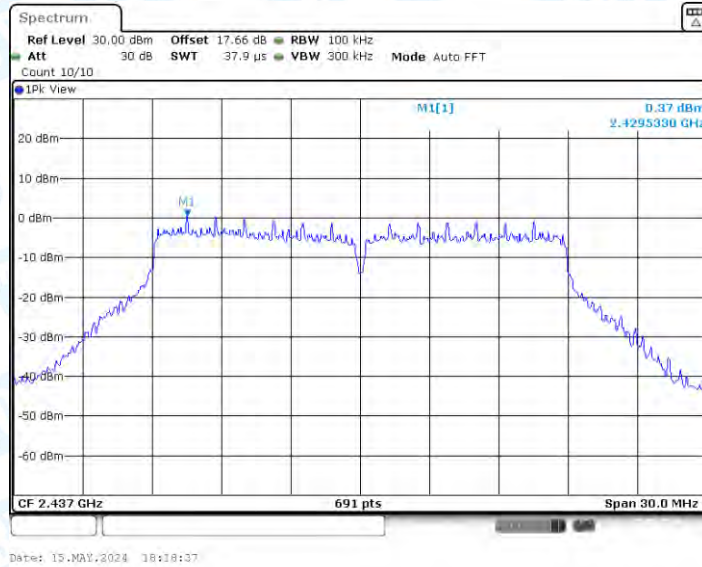
11N20MIMO_Ant2_2412_30~1000



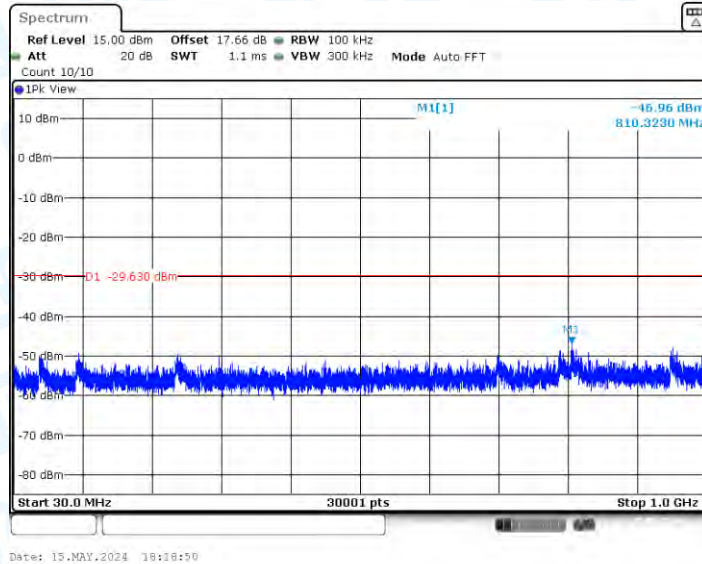
11N20MIMO_Ant2_2412_1000~26500



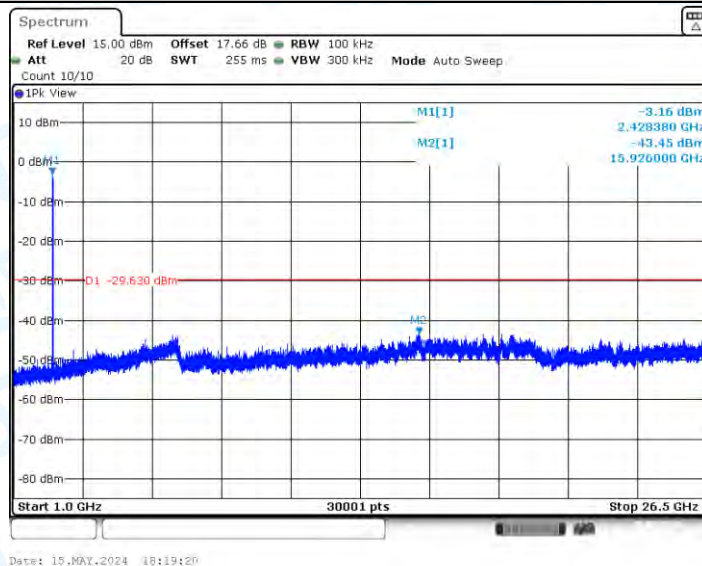
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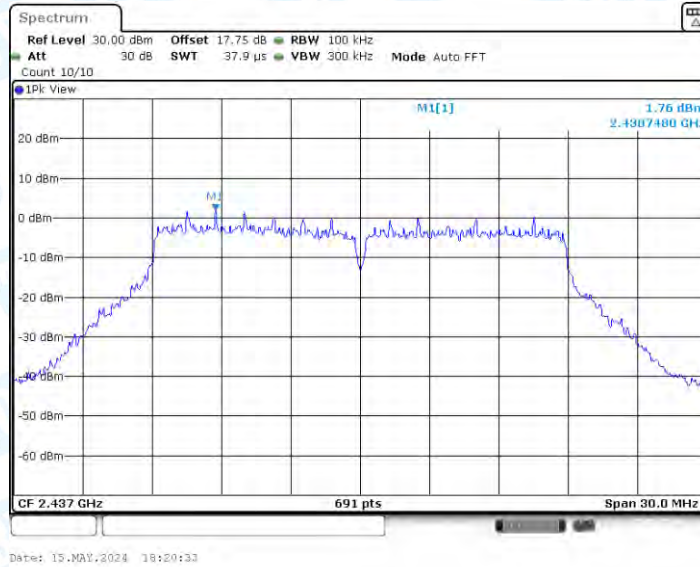
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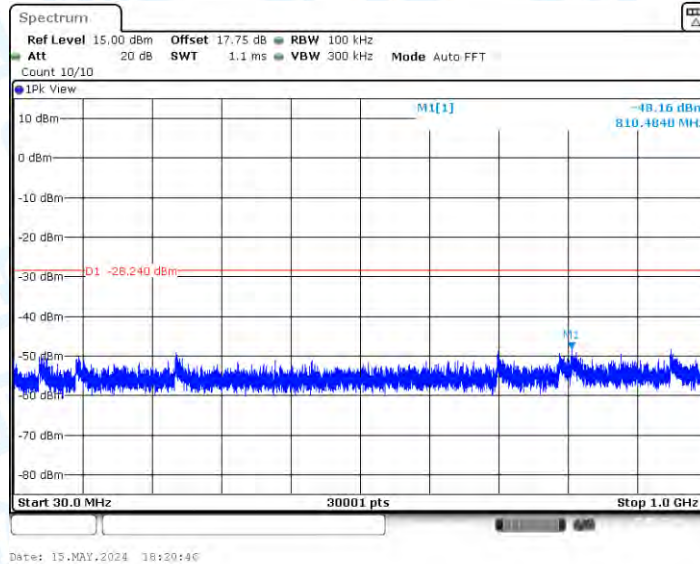
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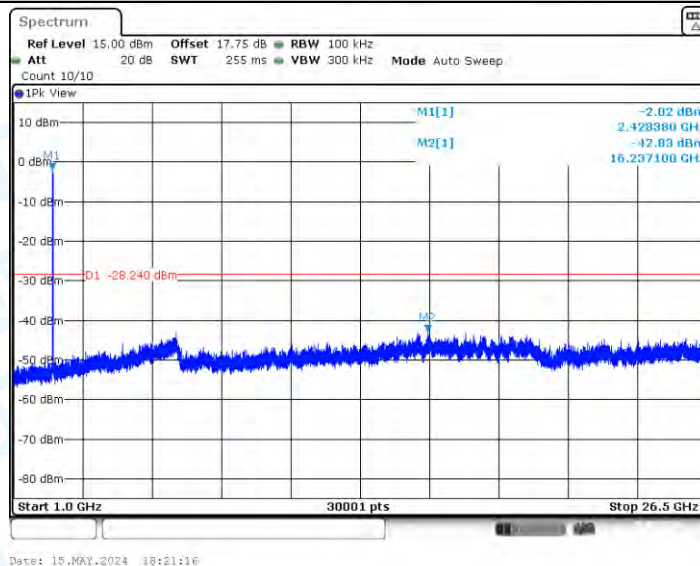
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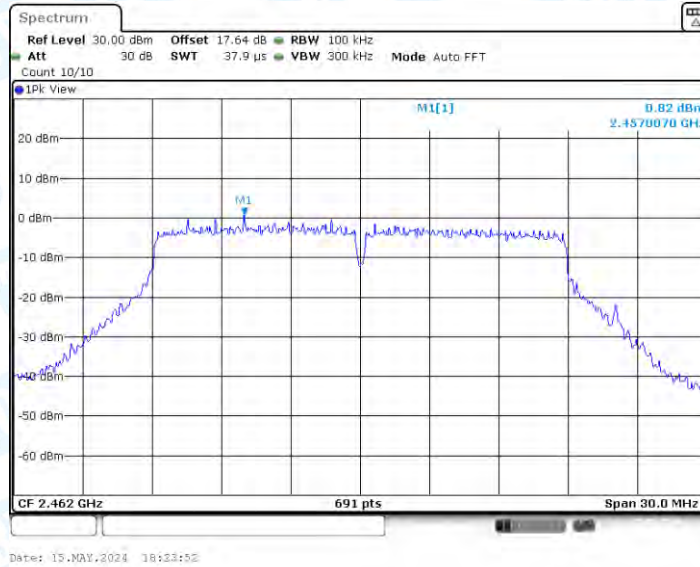
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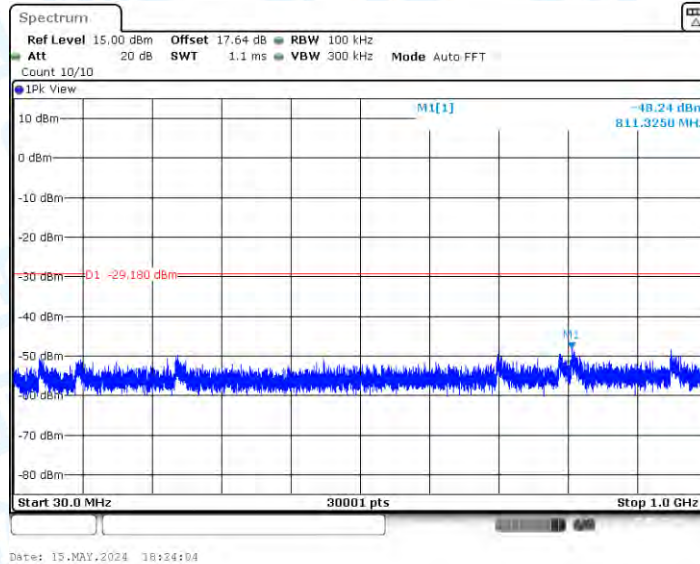
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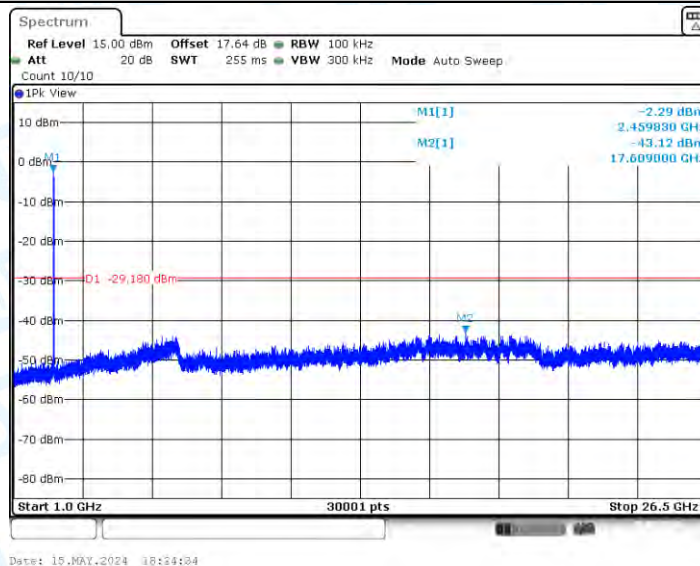
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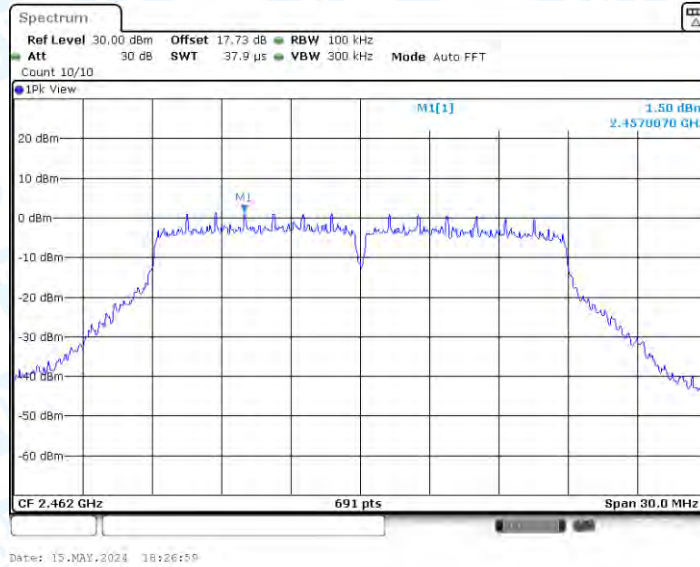
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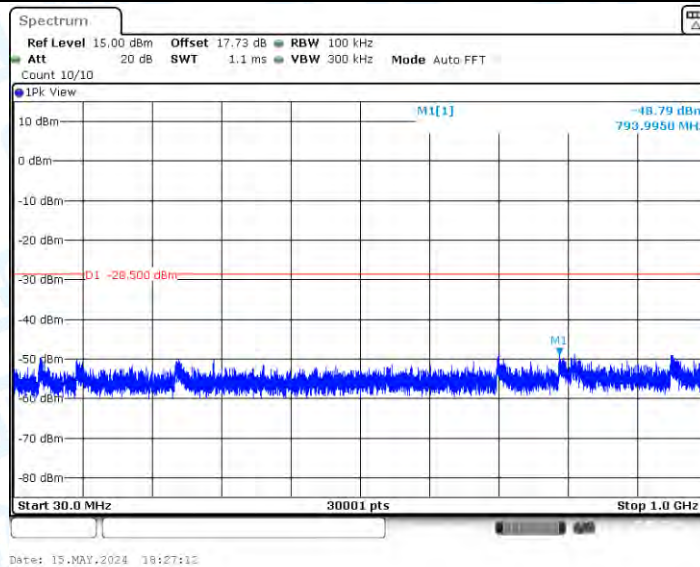
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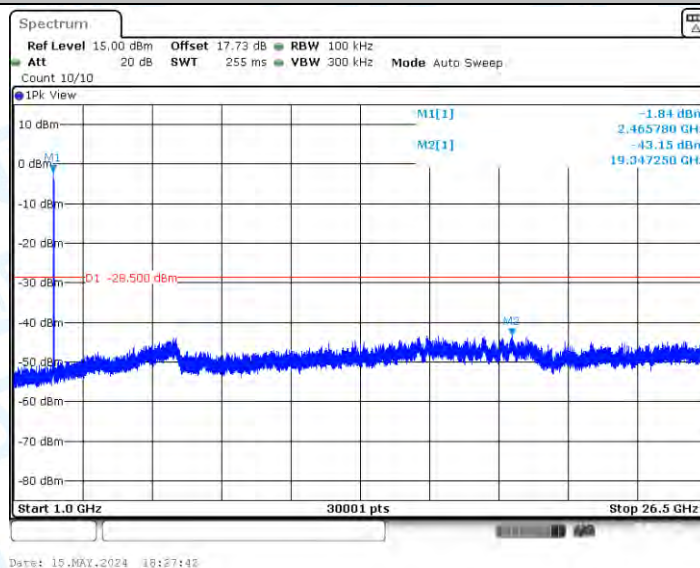
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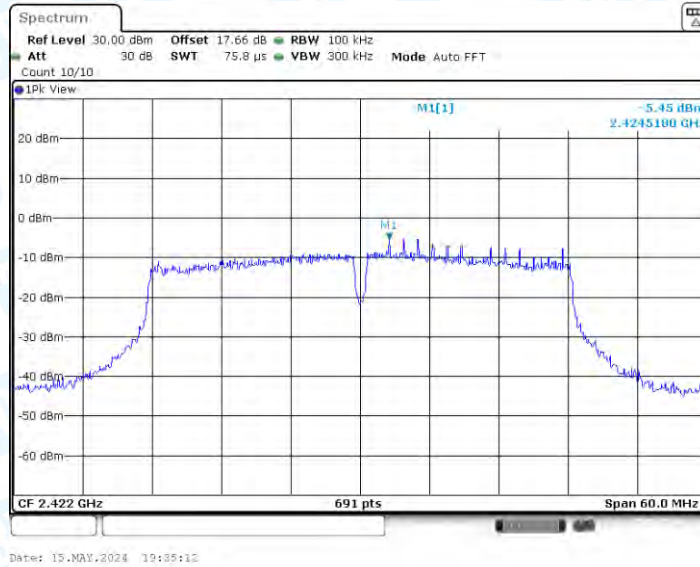
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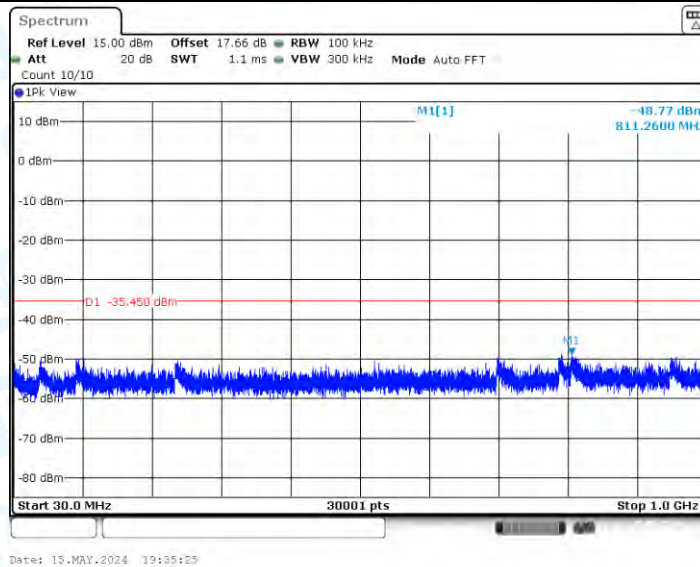
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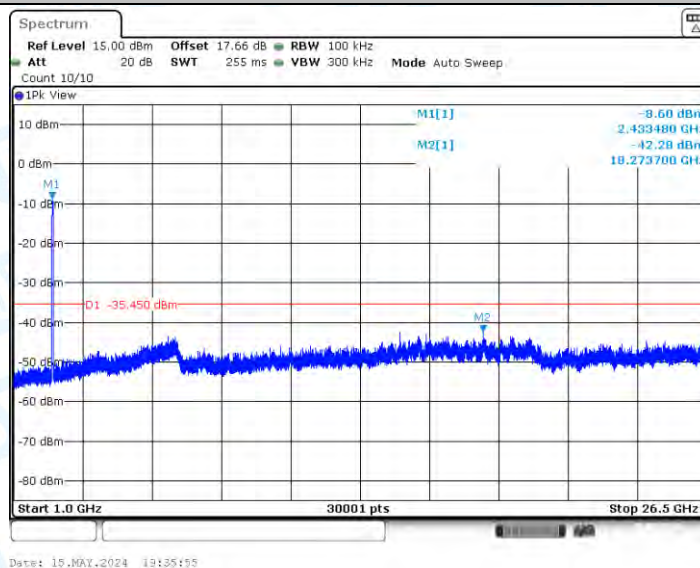
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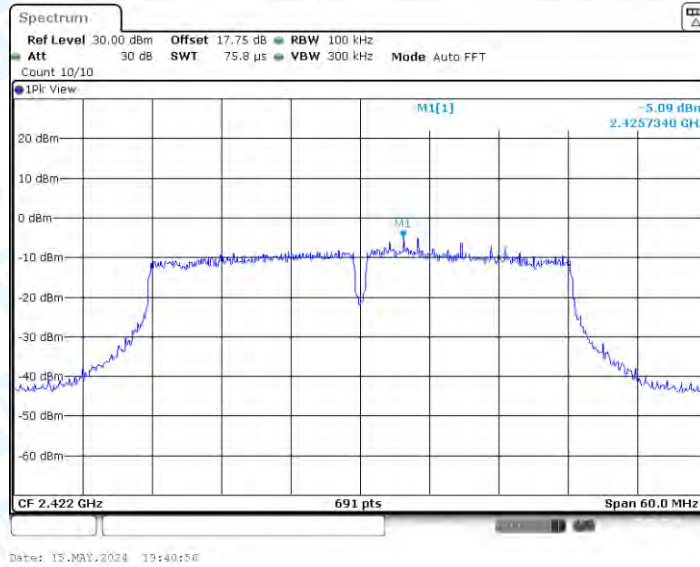
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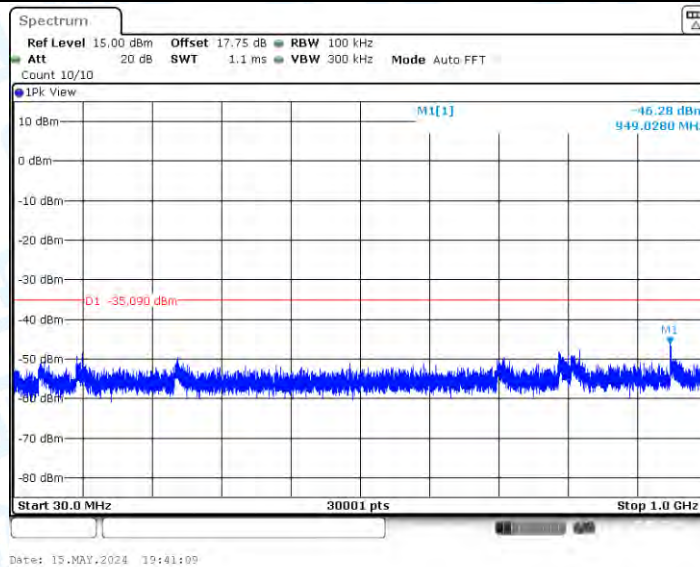
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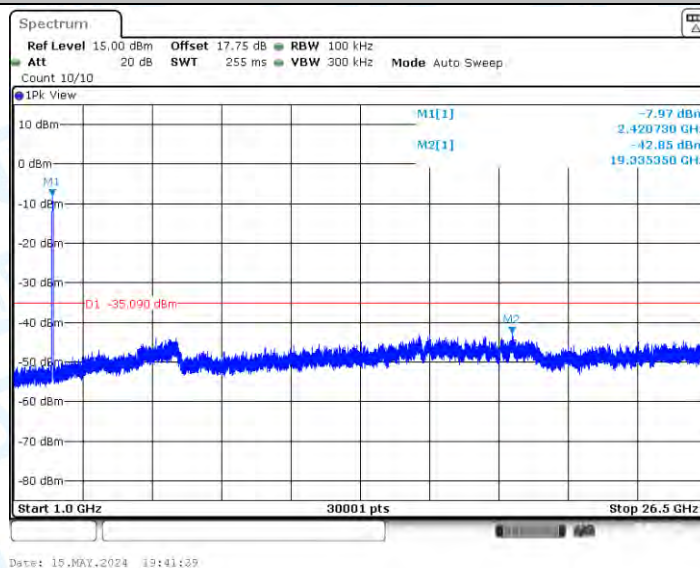
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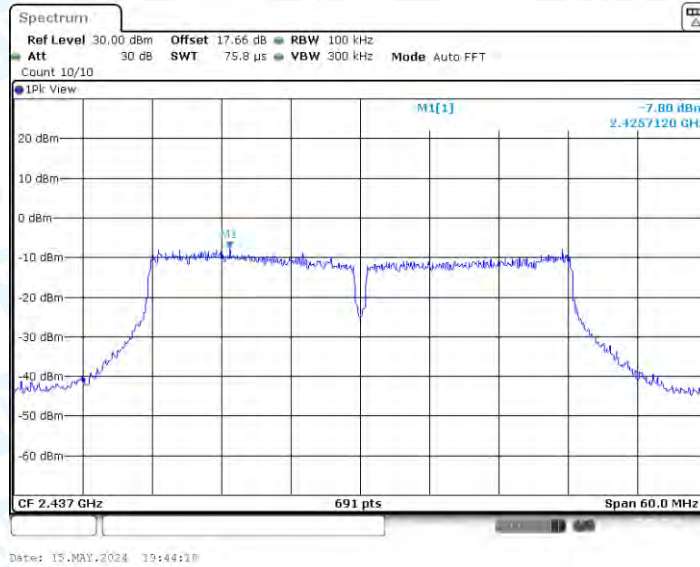
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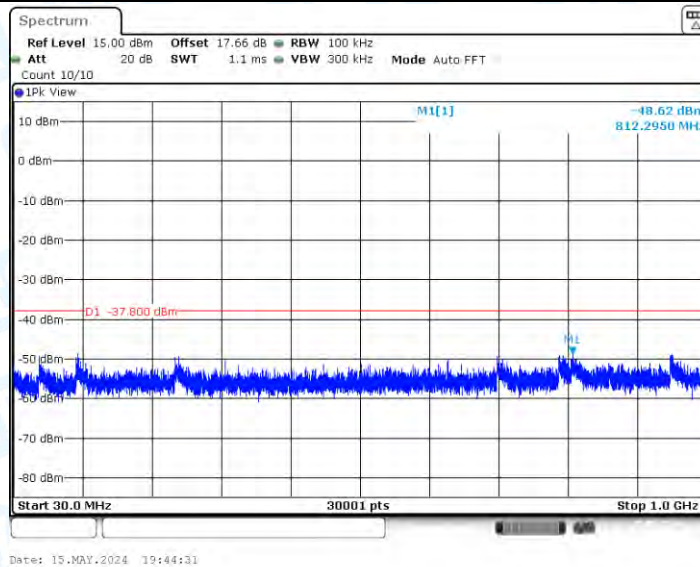
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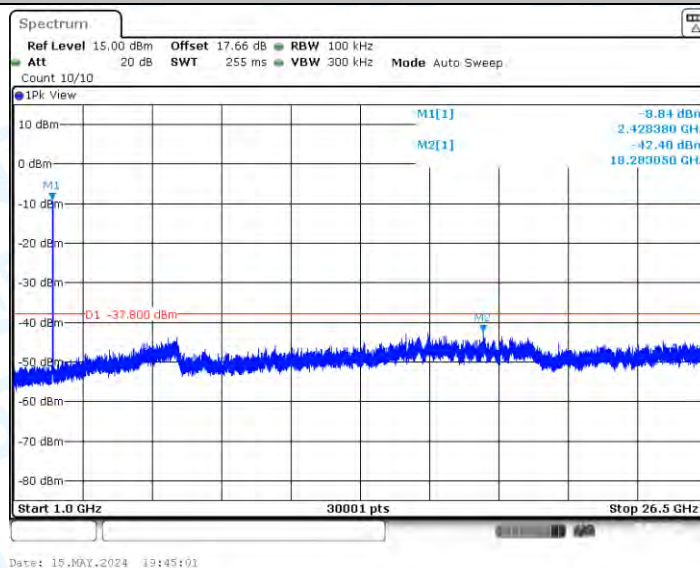
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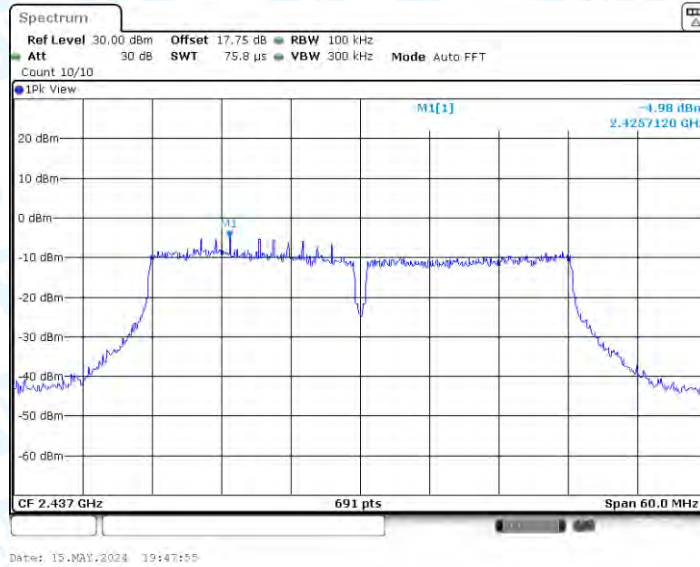
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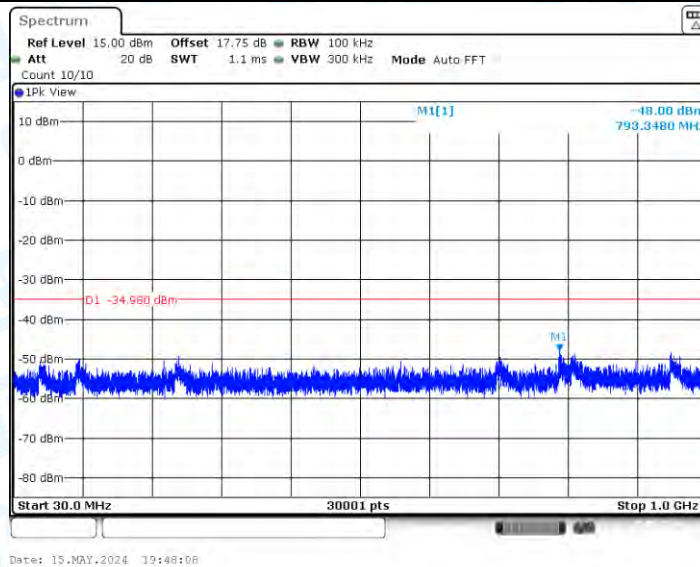
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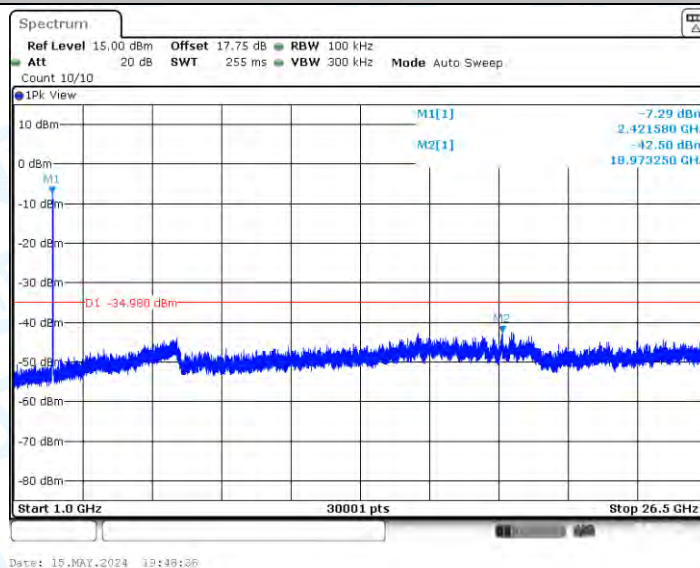
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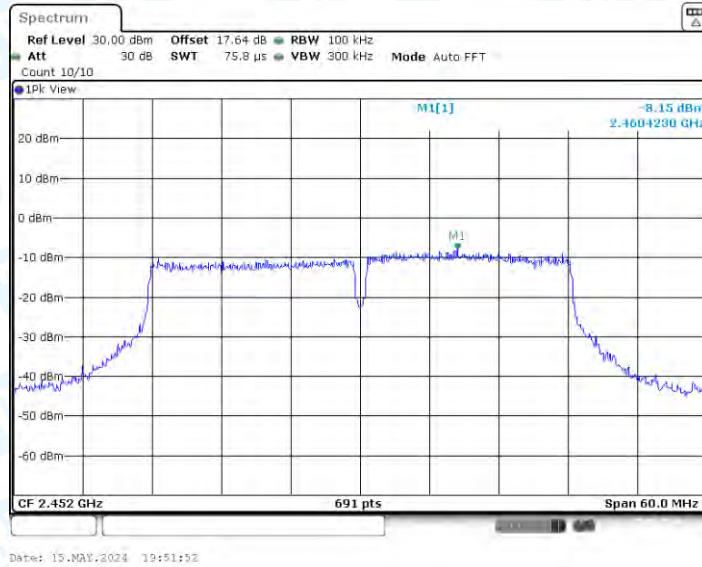
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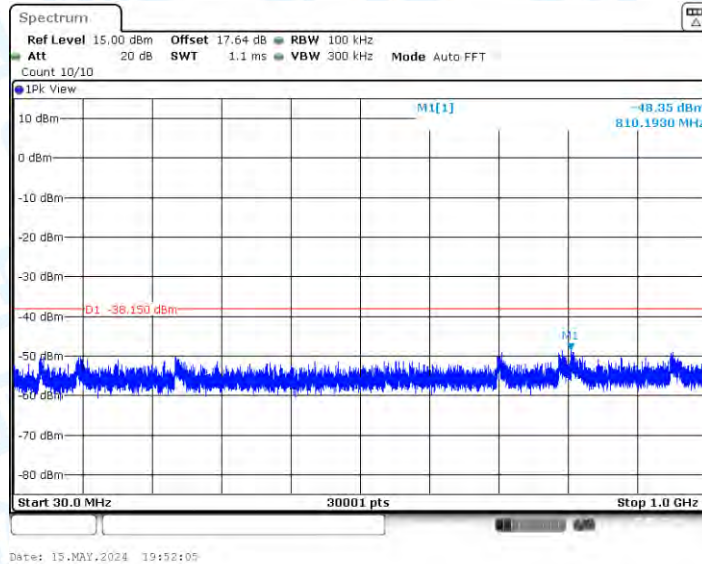
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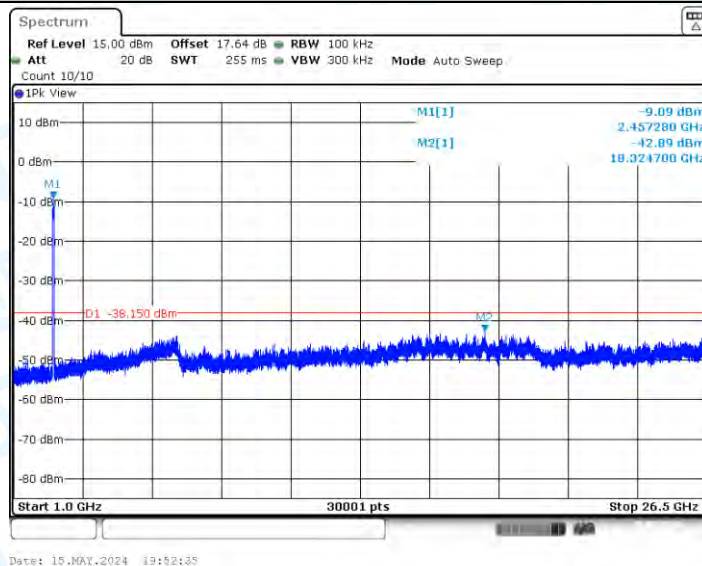
11N40MIMO_Ant1_2452_0~Reference



11N40MIMO_Ant1_2452_30~1000



11N40MIMO_Ant1_2452_1000~26500



11N40MIMO_Ant2_2452_0~Reference