

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

General Description of EUT	
EUT Name:	Tablet computer
Model:	SuiPlay0X1
Sample ID:	HC-C-202504-0153-01-01-2#
Environmental Conditions	
Ambient Temperature:	23.8℃
Ambient Humidity:	48%
Test Power Supply:	DC 11.55V
Test Engineer:	Rick. chen
Note: For a more detailed features description, please refer to the report TBR-C-202504-0153-82	

Contents

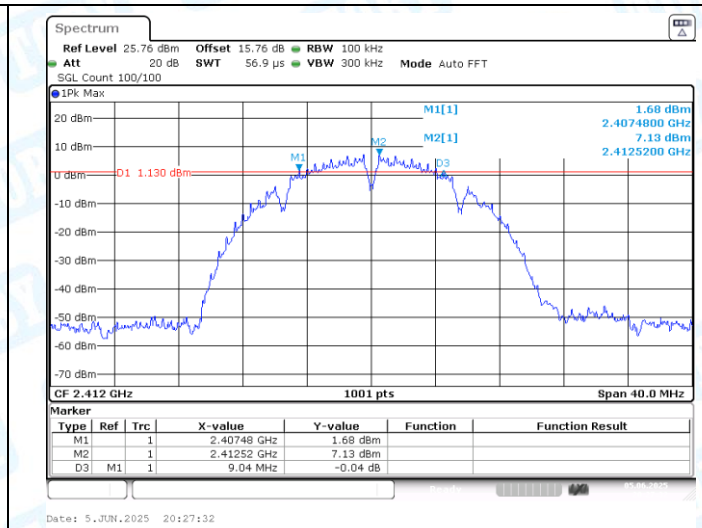
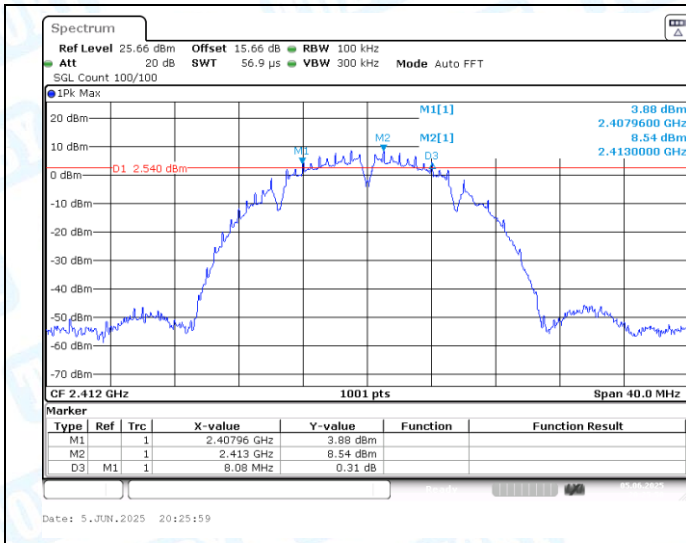
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1: DTS Bandwidth

1.1 Test Result

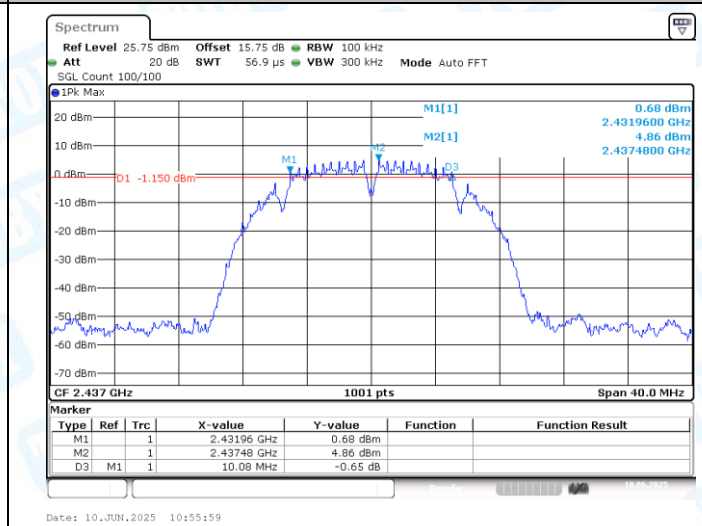
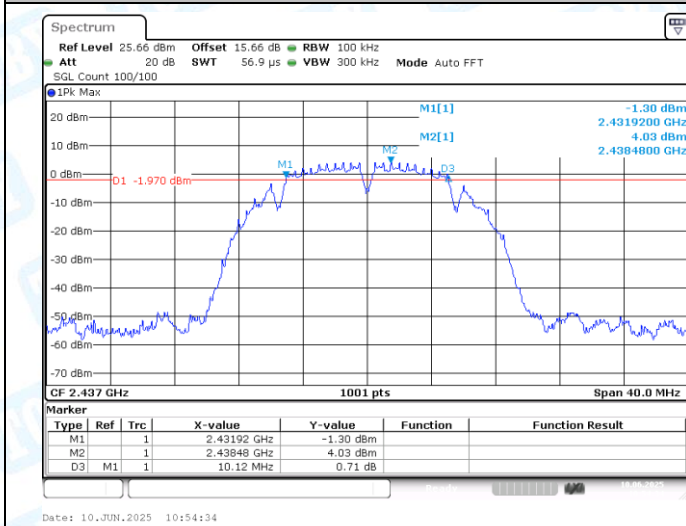
TestMode	Ant.	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	8.08	2407.96	2416.04	0.5	PASS
11B-CDD	Ant2	2412	9.04	2407.48	2416.52	0.5	PASS
11B-CDD	Ant1	2437	10.12	2431.92	2442.04	0.5	PASS
11B-CDD	Ant2	2437	10.08	2431.96	2442.04	0.5	PASS
11B-CDD	Ant1	2462	10.20	2456.88	2467.08	0.5	PASS
11B-CDD	Ant2	2462	10.12	2456.92	2467.04	0.5	PASS
11G-CDD	Ant1	2412	15.08	2404.44	2419.52	0.5	PASS
11G-CDD	Ant2	2412	16.32	2403.84	2420.16	0.5	PASS
11G-CDD	Ant1	2437	13.84	2429.44	2443.28	0.5	PASS
11G-CDD	Ant2	2437	15.12	2429.44	2444.56	0.5	PASS
11G-CDD	Ant1	2462	15.12	2454.44	2469.56	0.5	PASS
11G-CDD	Ant2	2462	16.28	2453.84	2470.12	0.5	PASS
11N20MIMO	Ant1	2412	15.08	2404.44	2419.52	0.5	PASS
11N20MIMO	Ant2	2412	15.12	2404.44	2419.56	0.5	PASS
11N20MIMO	Ant1	2437	15.04	2429.44	2444.48	0.5	PASS
11N20MIMO	Ant2	2437	13.88	2430.68	2444.56	0.5	PASS
11N20MIMO	Ant1	2462	15.04	2454.52	2469.56	0.5	PASS
11N20MIMO	Ant2	2462	15.08	2454.44	2469.52	0.5	PASS
11N40MIMO	Ant1	2422	35.04	2404.48	2439.52	0.5	PASS
11N40MIMO	Ant2	2422	33.84	2405.68	2439.52	0.5	PASS
11N40MIMO	Ant1	2437	33.92	2420.68	2454.60	0.5	PASS
11N40MIMO	Ant2	2437	35.12	2419.48	2454.60	0.5	PASS
11N40MIMO	Ant1	2452	33.84	2435.68	2469.52	0.5	PASS
11N40MIMO	Ant2	2452	35.12	2434.40	2469.52	0.5	PASS
11AX20MIMO	Ant1	2412	17.68	2402.80	2420.48	0.5	PASS
11AX20MIMO	Ant2	2412	13.88	2405.68	2419.56	0.5	PASS
11AX20MIMO	Ant1	2437	17.84	2428.12	2445.96	0.5	PASS
11AX20MIMO	Ant2	2437	17.84	2428.56	2446.40	0.5	PASS
11AX20MIMO	Ant1	2462	13.84	2454.44	2468.28	0.5	PASS
11AX20MIMO	Ant2	2462	15.12	2454.44	2469.56	0.5	PASS
11AX40MIMO	Ant1	2422	32.40	2407.28	2439.68	0.5	PASS
11AX40MIMO	Ant2	2422	25.76	2409.20	2434.96	0.5	PASS
11AX40MIMO	Ant1	2437	31.28	2423.24	2454.52	0.5	PASS
11AX40MIMO	Ant2	2437	35.84	2419.24	2455.08	0.5	PASS
11AX40MIMO	Ant1	2452	36.00	2433.52	2469.52	0.5	PASS
11AX40MIMO	Ant2	2452	30.32	2434.40	2464.72	0.5	PASS

1.2 Test Graphs



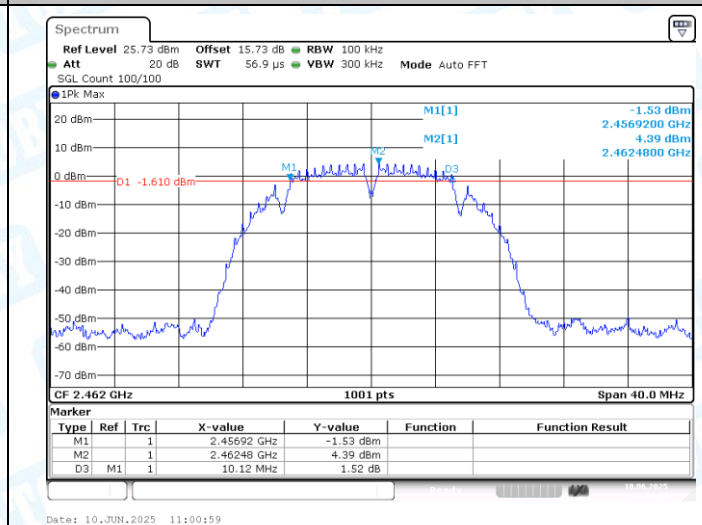
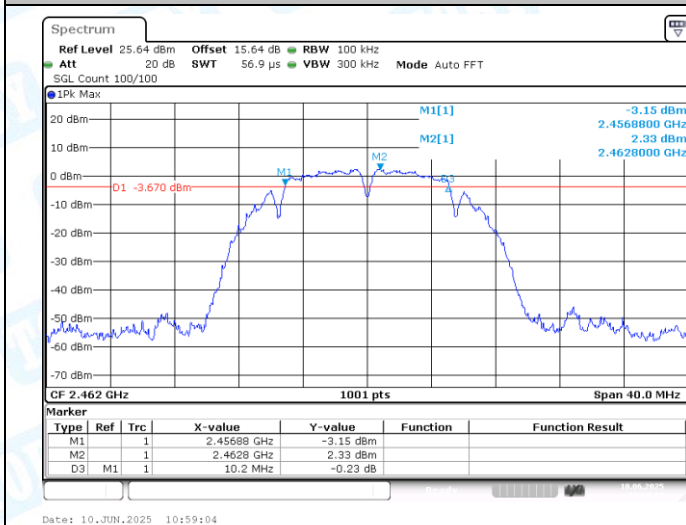
11B-CDD-Ant1-2412-PASS

11B-CDD-Ant2-2412-PASS



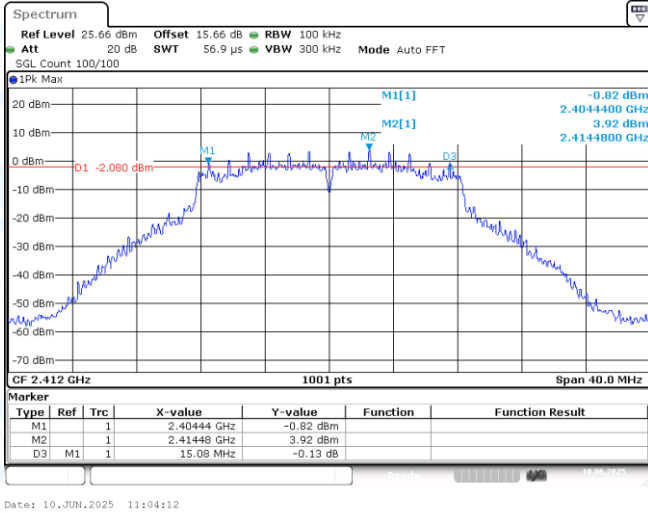
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11B-CDD-Ant2-2437-PASS

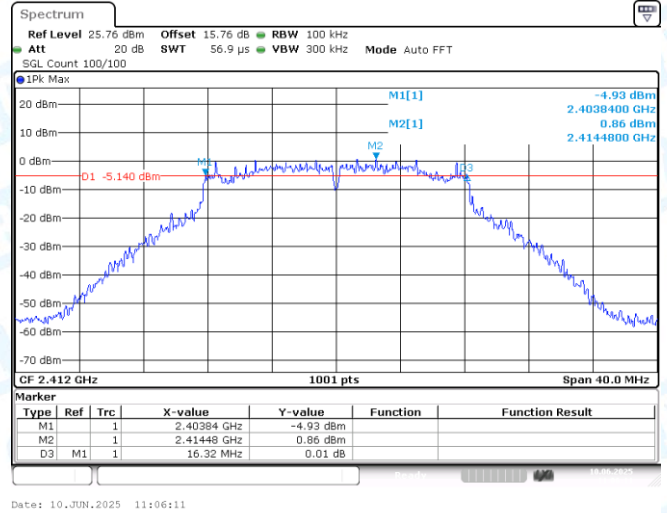


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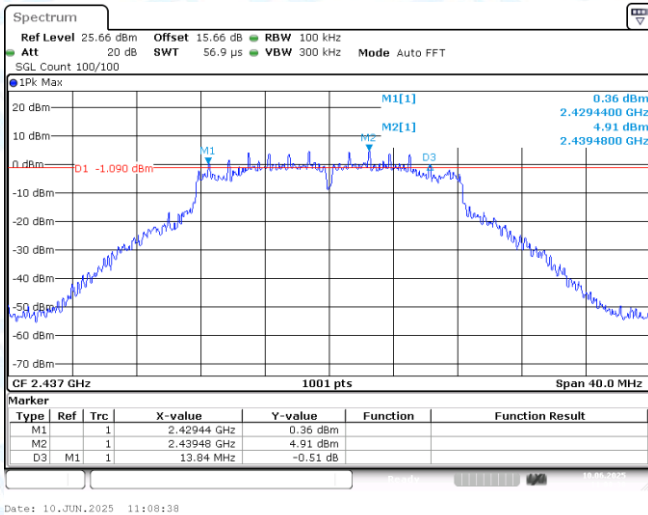
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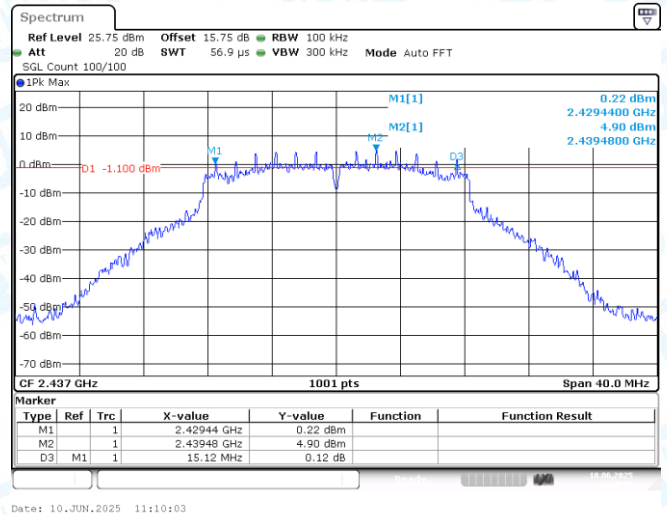
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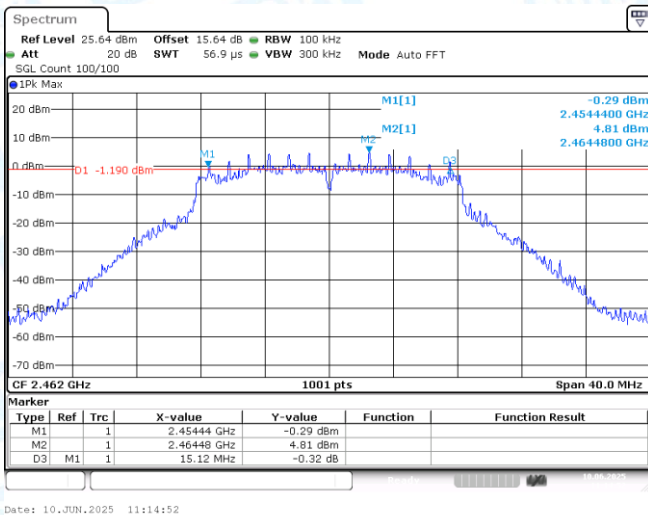
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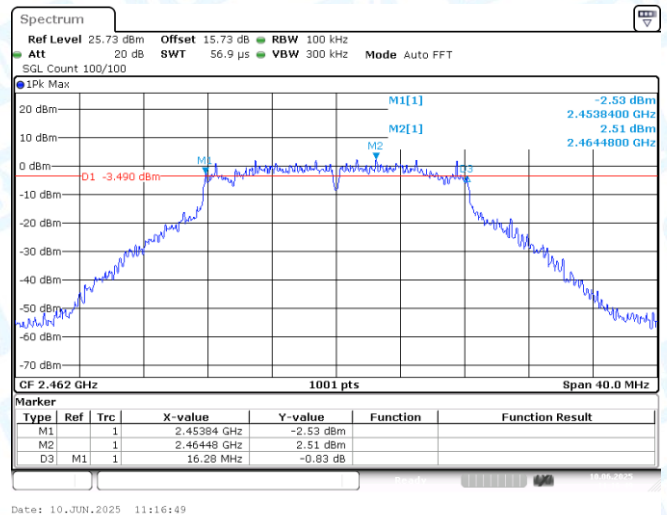
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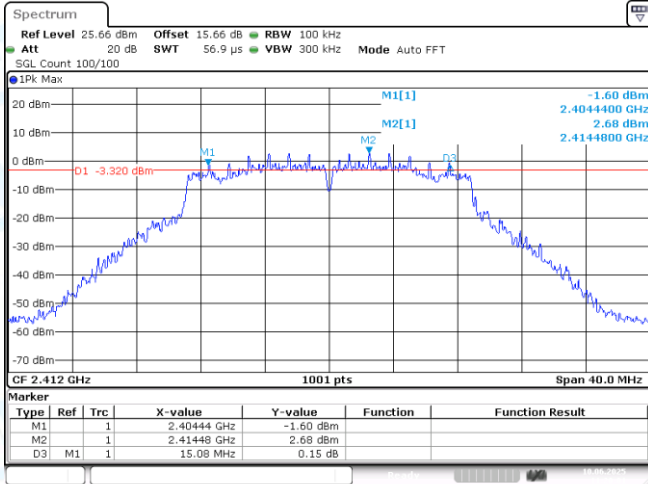
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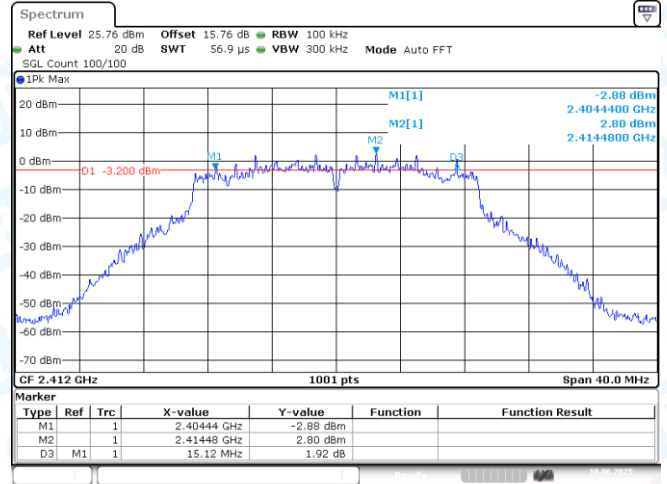
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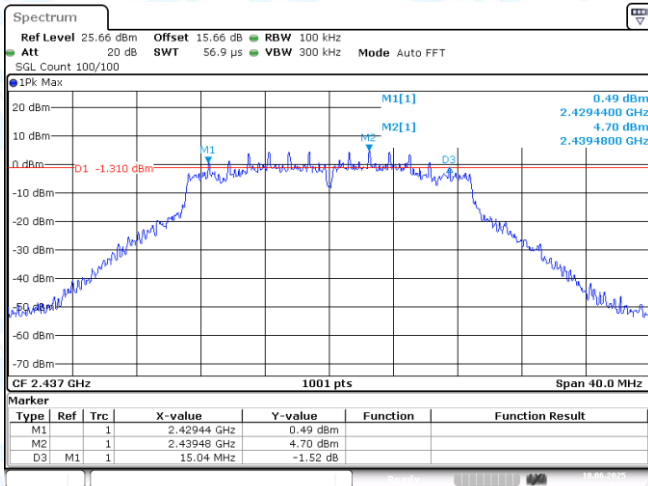
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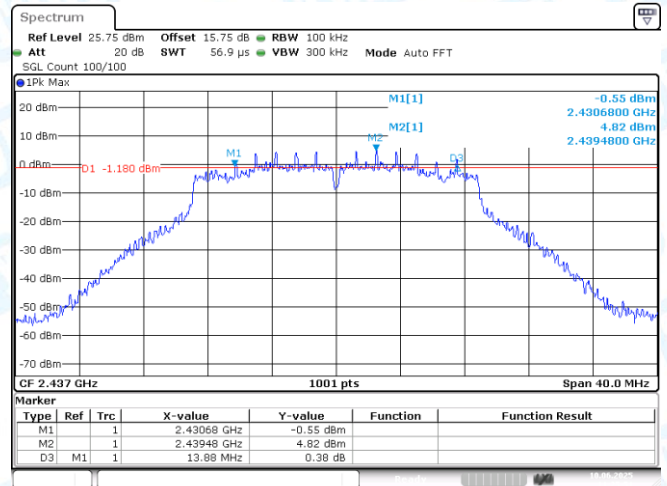
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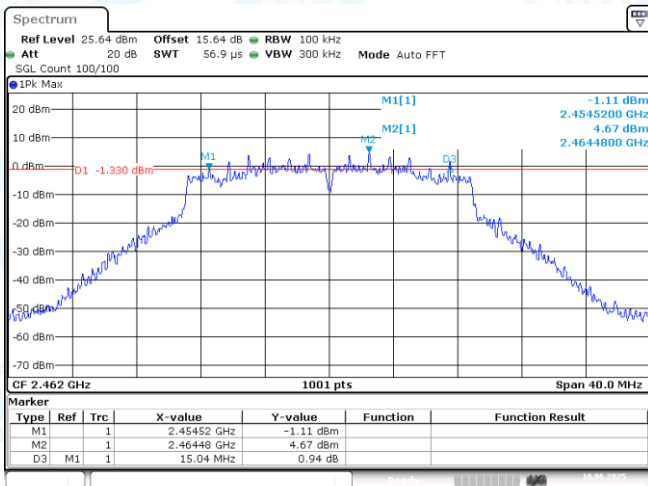
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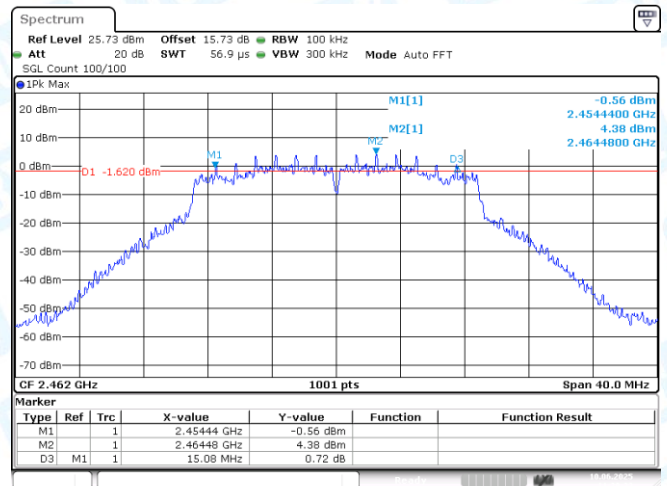
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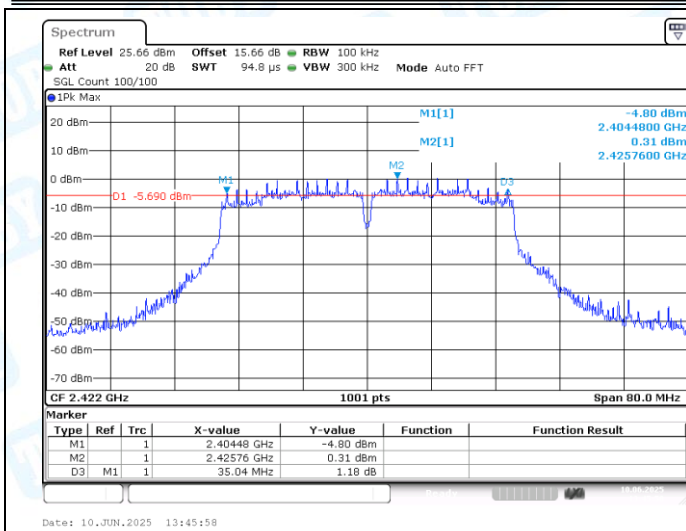
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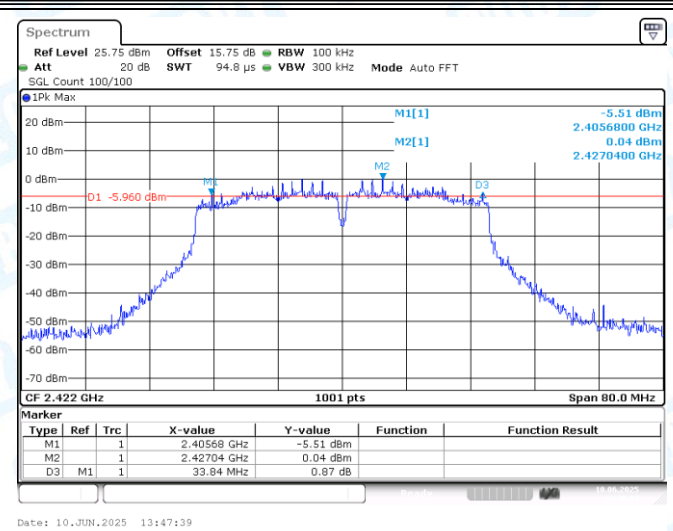
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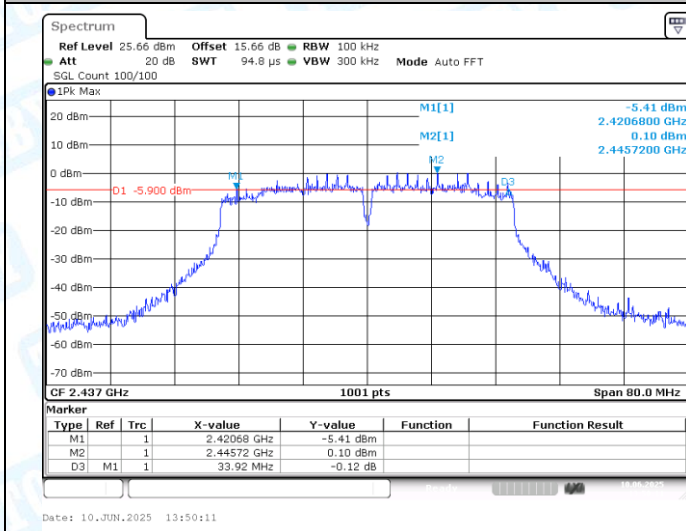
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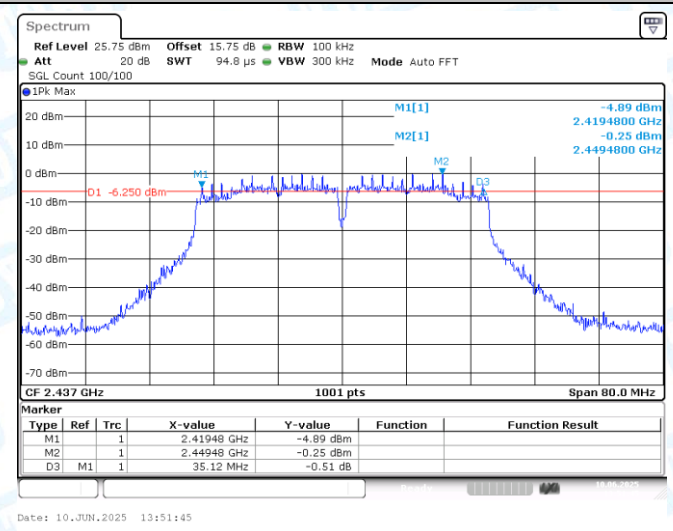
11N40MIMO-Ant1-2422-PASS



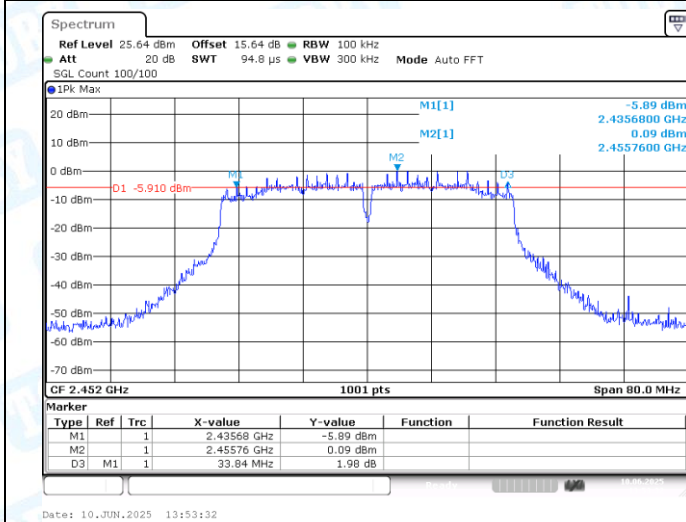
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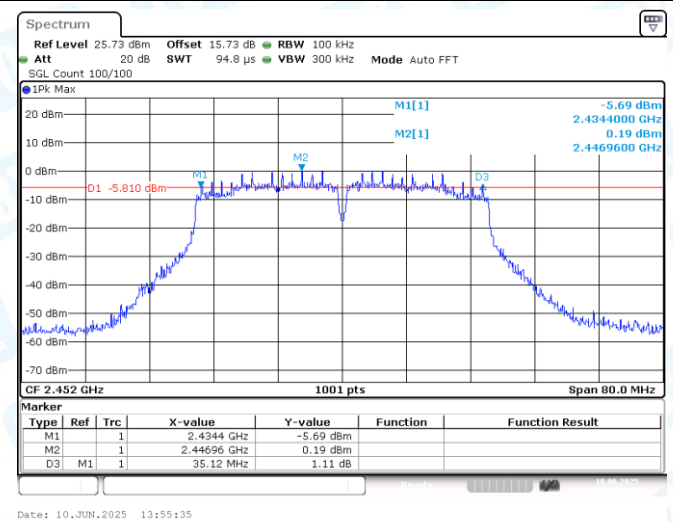
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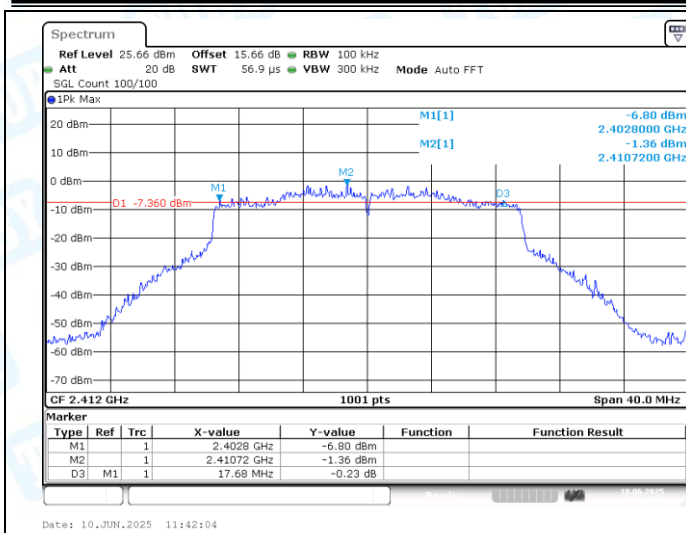
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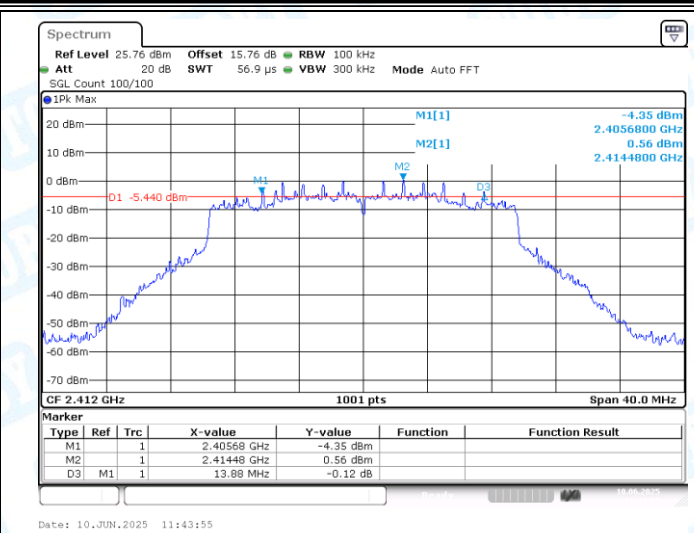
11N40MIMO-Ant1-2452-PASS



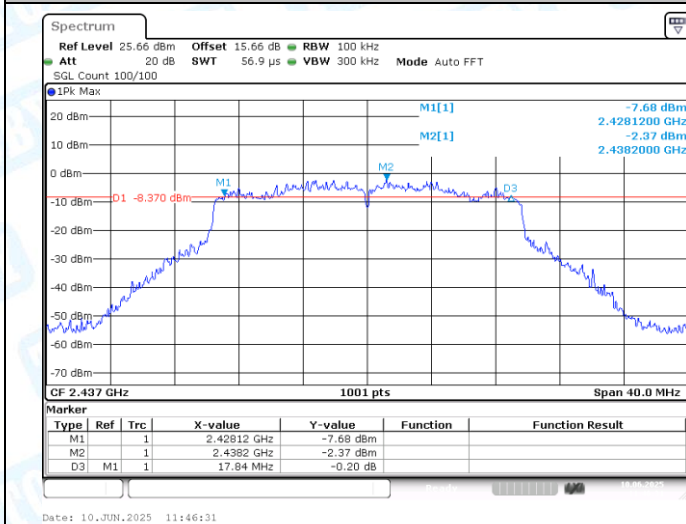
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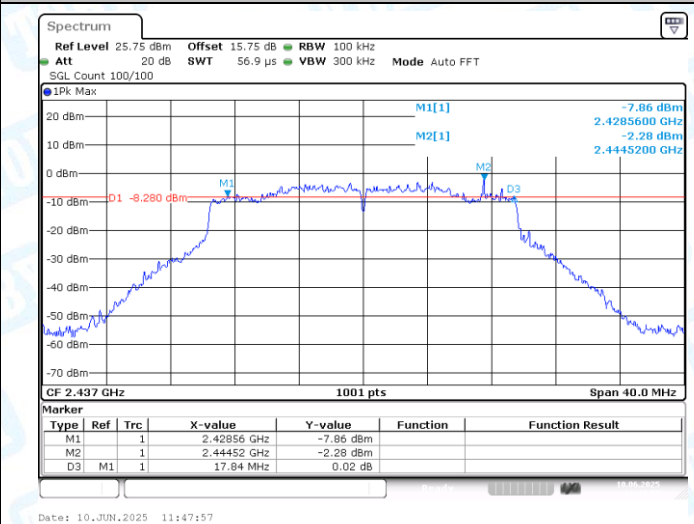
11AX20MIMO-Ant1-2412-PASS



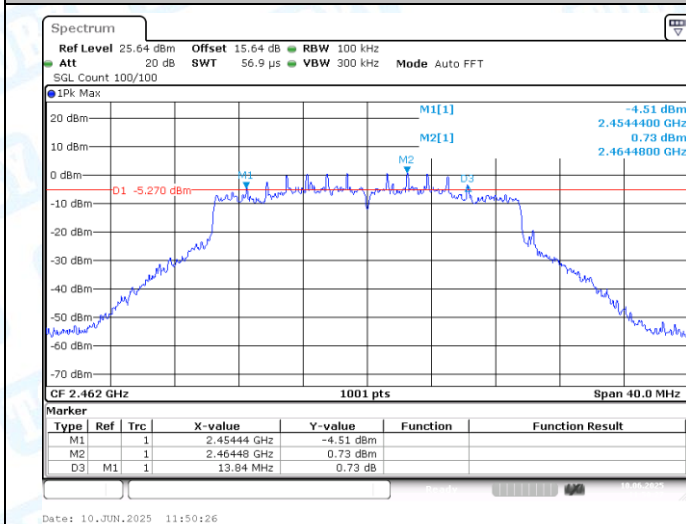
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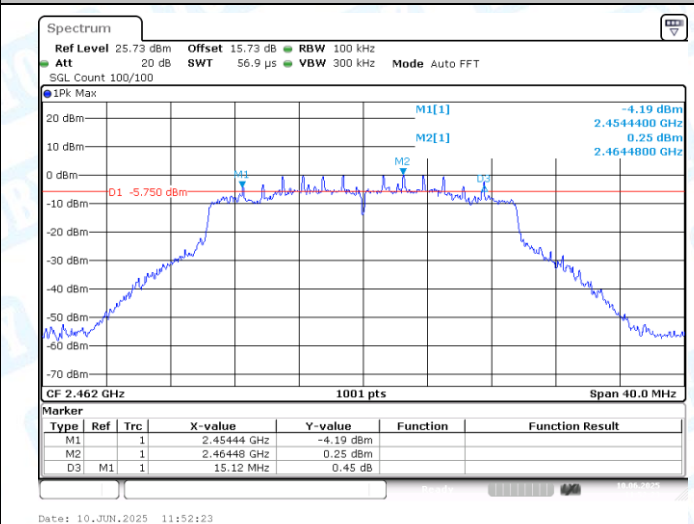
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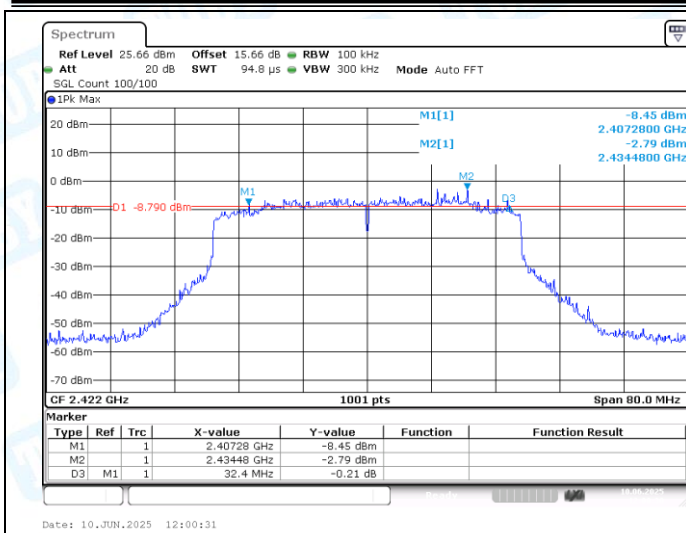
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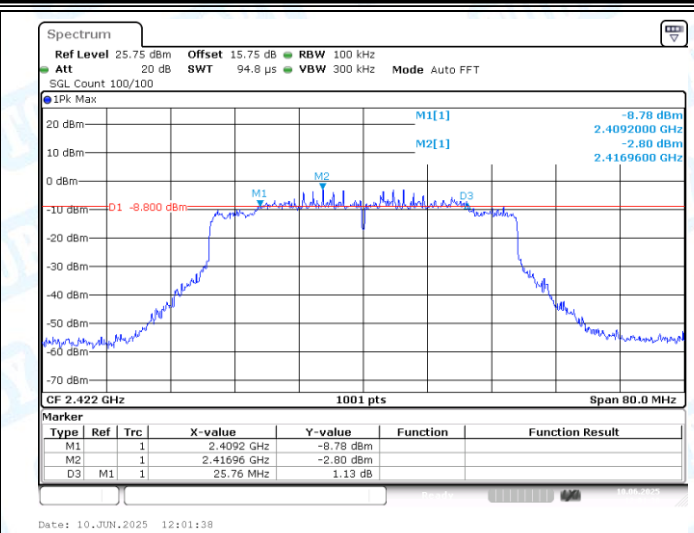
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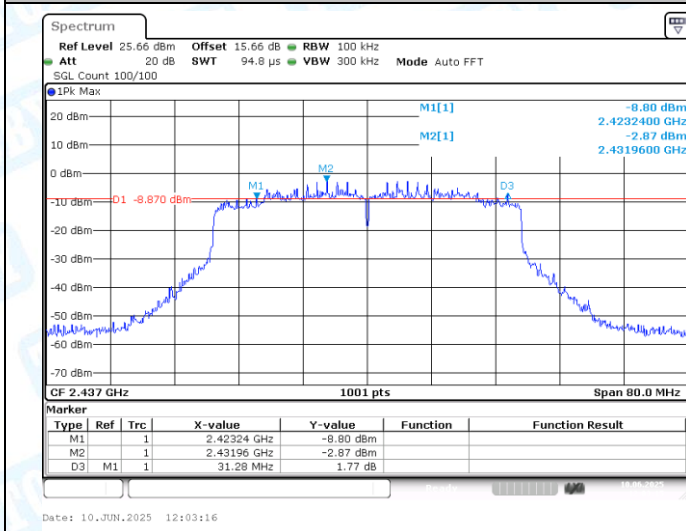
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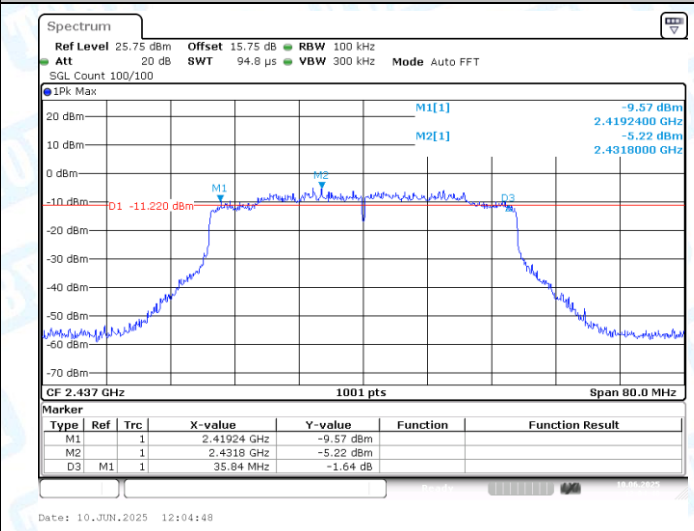
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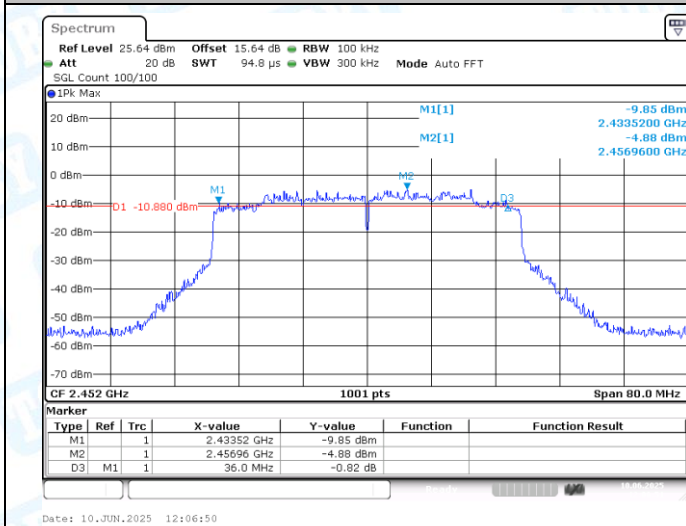
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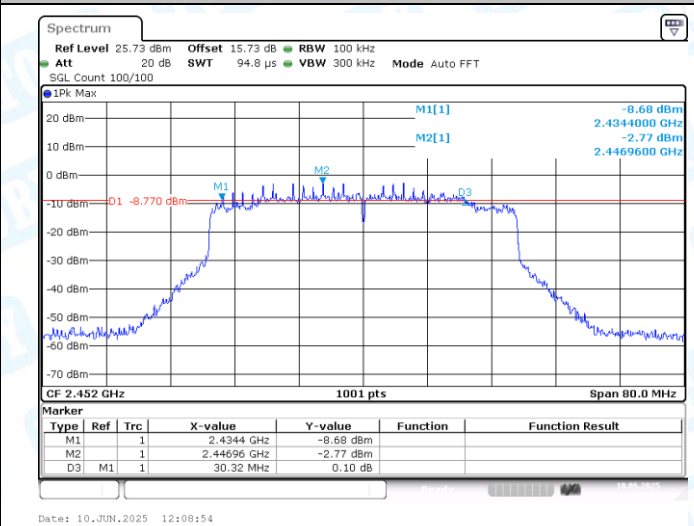
11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



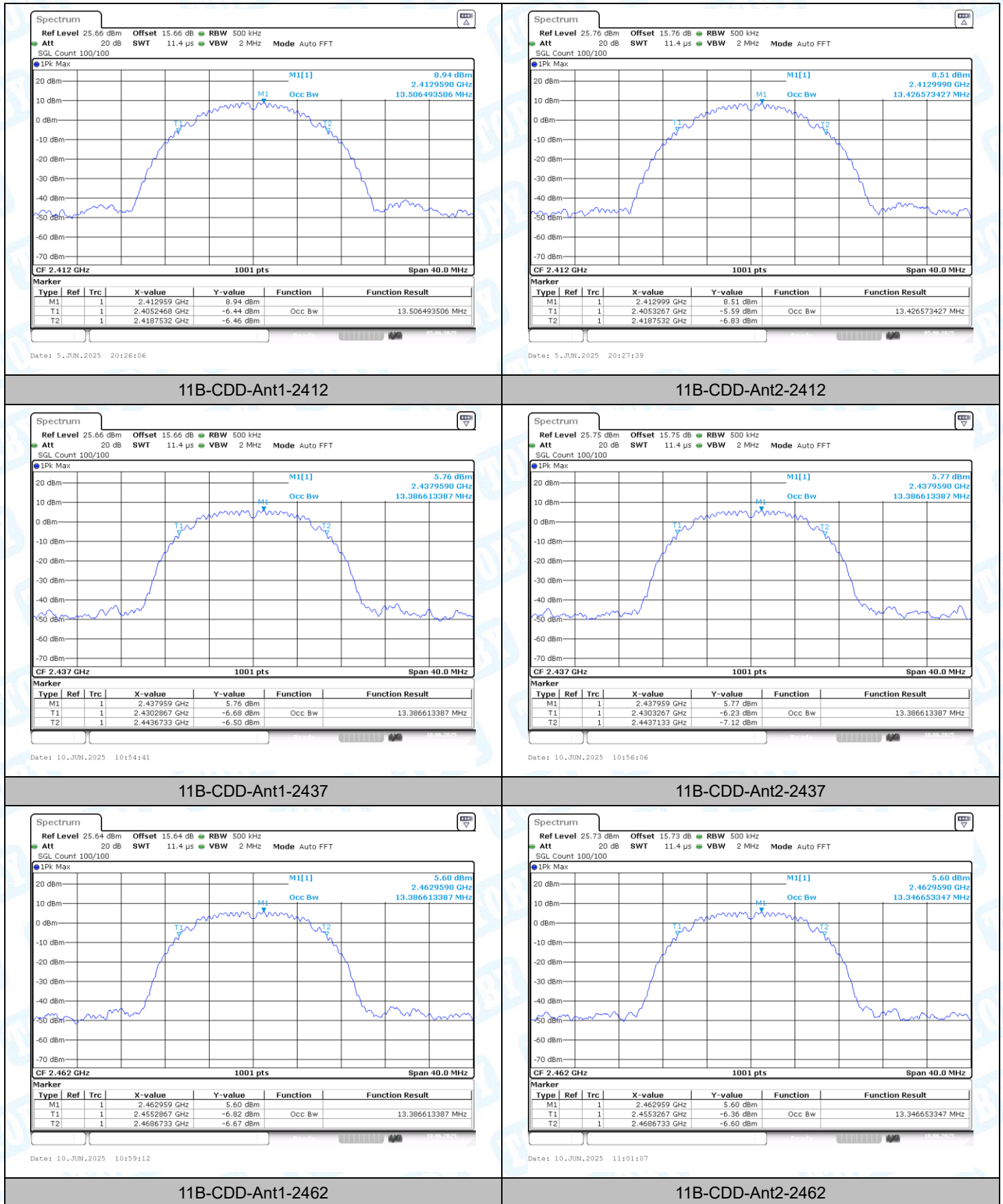
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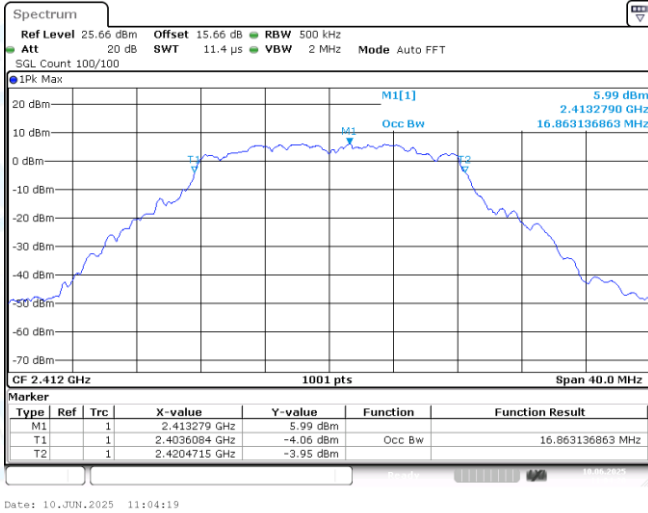
2: Occupied Channel Bandwidth

2.1 Test Result

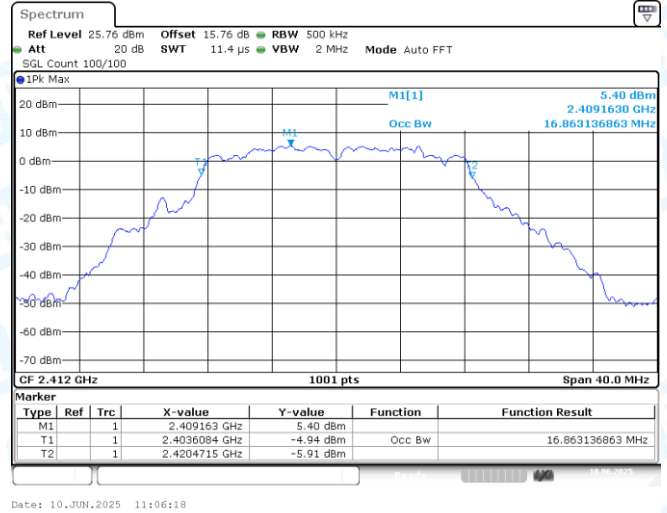
TestMode	Ant.	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	13.506	2405.2468	2418.7532	---	---
11B-CDD	Ant2	2412	13.427	2405.3267	2418.7532	---	---
11B-CDD	Ant1	2437	13.387	2430.2867	2443.6733	---	---
11B-CDD	Ant2	2437	13.387	2430.3267	2443.7133	---	---
11B-CDD	Ant1	2462	13.387	2455.2867	2468.6733	---	---
11B-CDD	Ant2	2462	13.347	2455.3267	2468.6733	---	---
11G-CDD	Ant1	2412	16.863	2403.6084	2420.4715	---	---
11G-CDD	Ant2	2412	16.863	2403.6084	2420.4715	---	---
11G-CDD	Ant1	2437	17.023	2428.4885	2445.5115	---	---
11G-CDD	Ant2	2437	17.183	2428.6484	2445.8312	---	---
11G-CDD	Ant1	2462	16.903	2453.5285	2470.4316	---	---
11G-CDD	Ant2	2462	16.863	2453.6084	2470.4715	---	---
11N20MIMO	Ant1	2412	17.902	2402.9291	2420.8312	---	---
11N20MIMO	Ant2	2412	17.942	2403.0889	2421.0310	---	---
11N20MIMO	Ant1	2437	17.982	2427.9291	2445.9111	---	---
11N20MIMO	Ant2	2437	17.862	2428.0889	2445.9510	---	---
11N20MIMO	Ant1	2462	17.942	2452.9291	2470.8711	---	---
11N20MIMO	Ant2	2462	18.022	2452.9291	2470.9510	---	---
11N40MIMO	Ant1	2422	36.044	2404.0180	2440.0619	---	---
11N40MIMO	Ant2	2422	36.044	2404.0180	2440.0619	---	---
11N40MIMO	Ant1	2437	36.044	2419.1778	2455.2218	---	---
11N40MIMO	Ant2	2437	36.124	2418.9381	2455.0619	---	---
11N40MIMO	Ant1	2452	36.044	2434.0180	2470.0619	---	---
11N40MIMO	Ant2	2452	36.044	2433.9381	2469.9820	---	---
11AX20MIMO	Ant1	2412	18.901	2402.5295	2421.4306	---	---
11AX20MIMO	Ant2	2412	18.901	2402.5694	2421.4705	---	---
11AX20MIMO	Ant1	2437	18.981	2427.4496	2446.4306	---	---
11AX20MIMO	Ant2	2437	18.941	2427.5295	2446.4705	---	---
11AX20MIMO	Ant1	2462	18.901	2452.5295	2471.4306	---	---
11AX20MIMO	Ant2	2462	19.141	2452.4496	2471.5904	---	---
11AX40MIMO	Ant1	2422	37.483	2403.3786	2440.8611	---	---
11AX40MIMO	Ant2	2422	37.483	2403.2188	2440.7013	---	---
11AX40MIMO	Ant1	2437	37.642	2418.2987	2455.9411	---	---
11AX40MIMO	Ant2	2437	37.483	2418.2188	2455.7013	---	---
11AX40MIMO	Ant1	2452	37.722	2433.2188	2470.9411	---	---
11AX40MIMO	Ant2	2452	37.642	2432.9790	2470.6214	---	---

2.2 Test Graphs

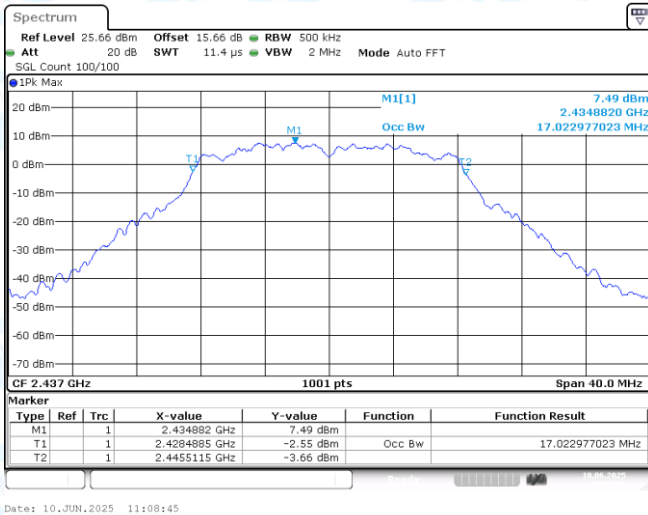




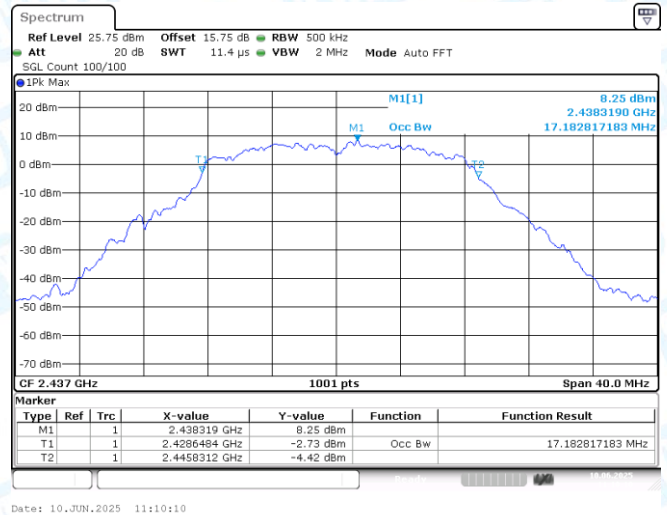
11G-CDD-Ant1-2412



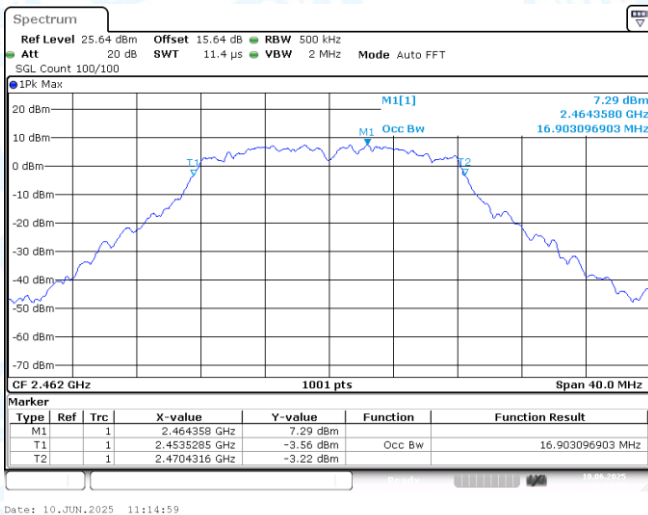
11G-CDD-Ant2-2412



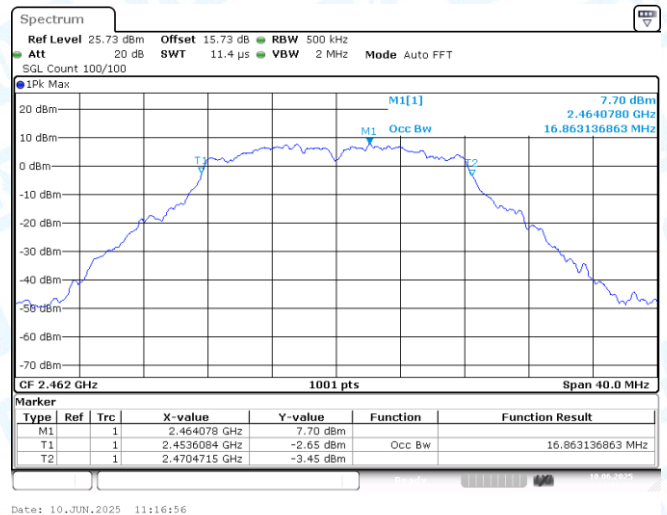
11G-CDD-Ant1-2437



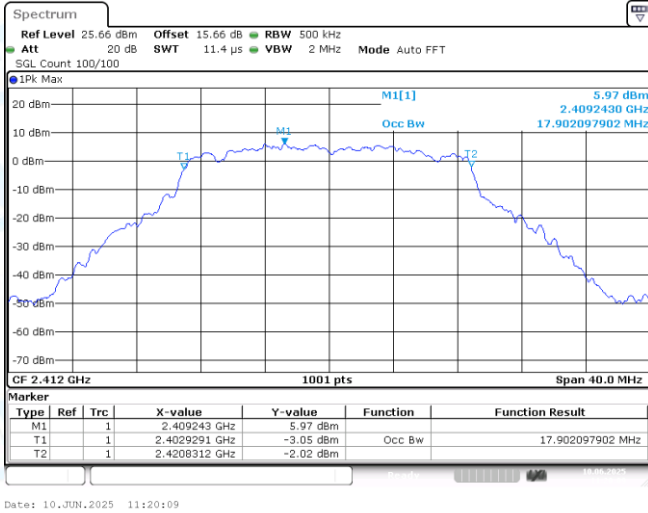
11G-CDD-Ant2-2437



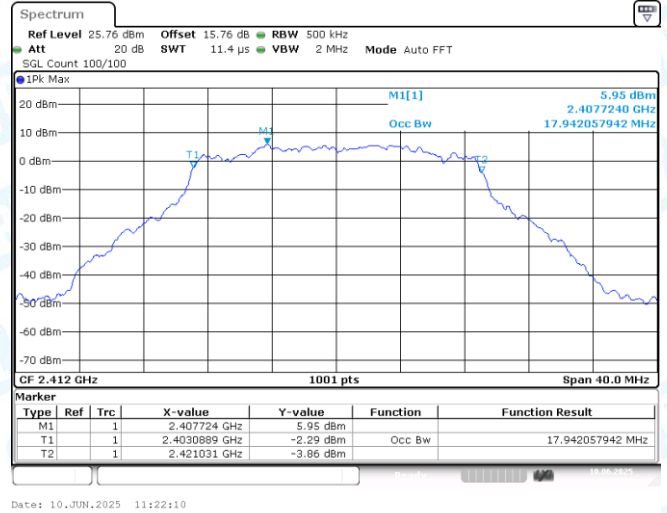
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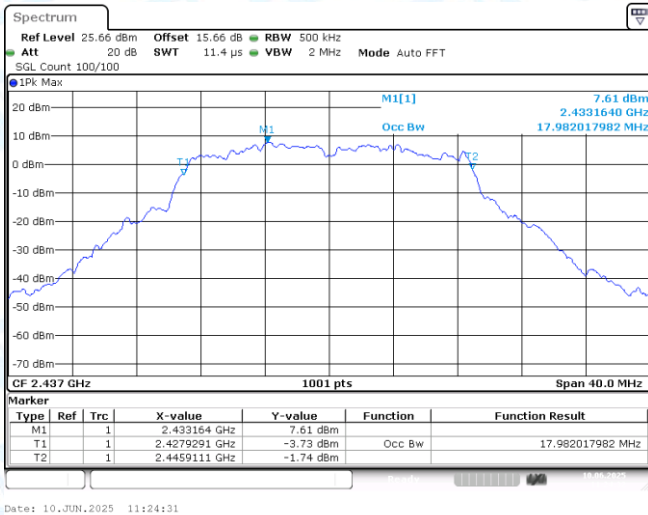
11G-CDD-Ant2-2462



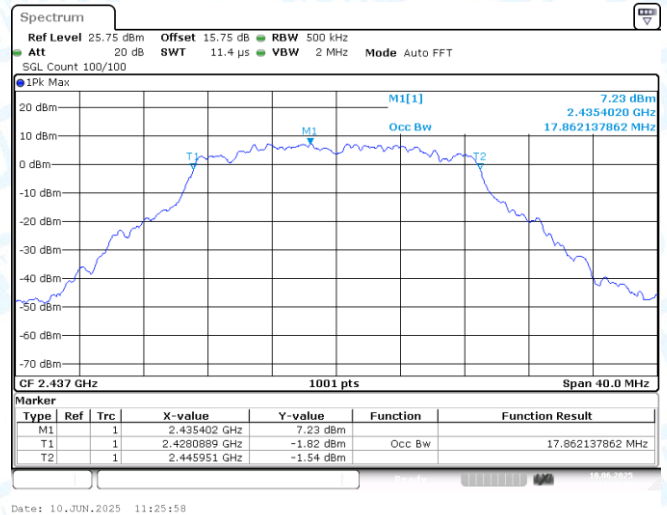
11N20MIMO-Ant1-2412



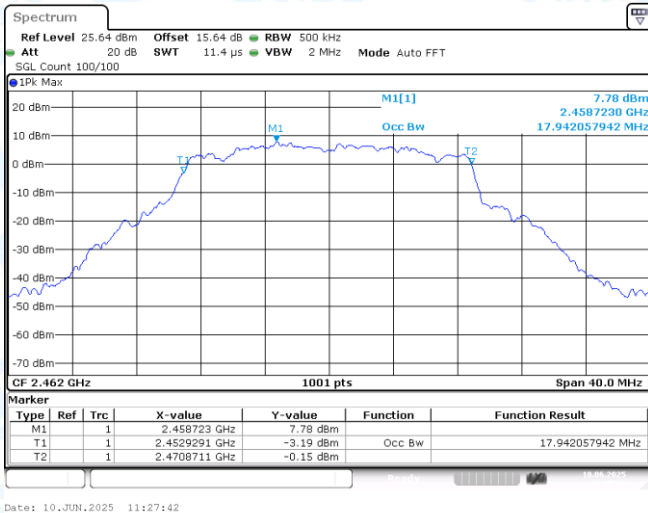
11N20MIMO-Ant2-2412



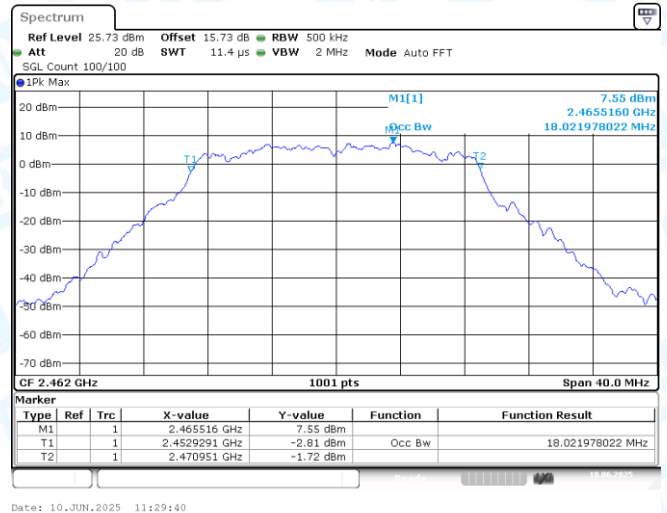
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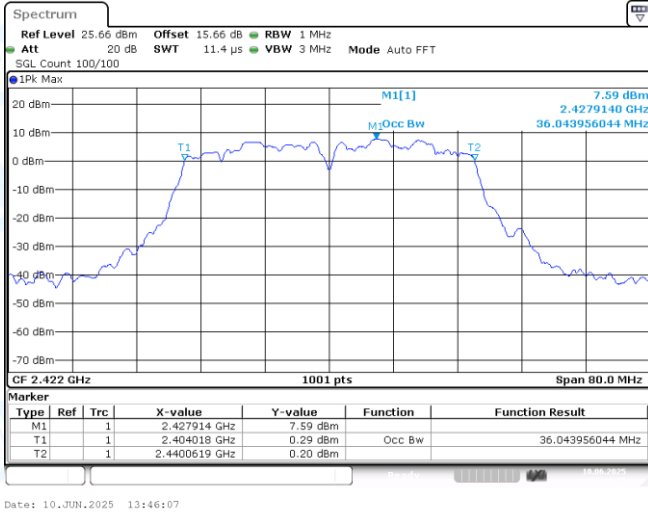
11N20MIMO-Ant2-2437



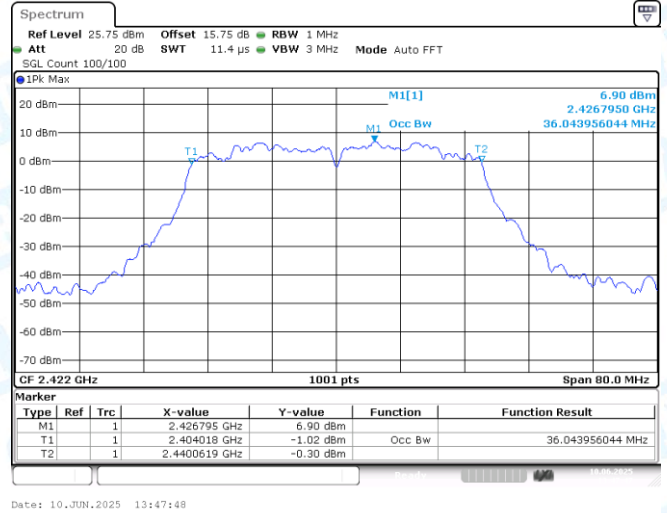
11N20MIMO-Ant1-2462



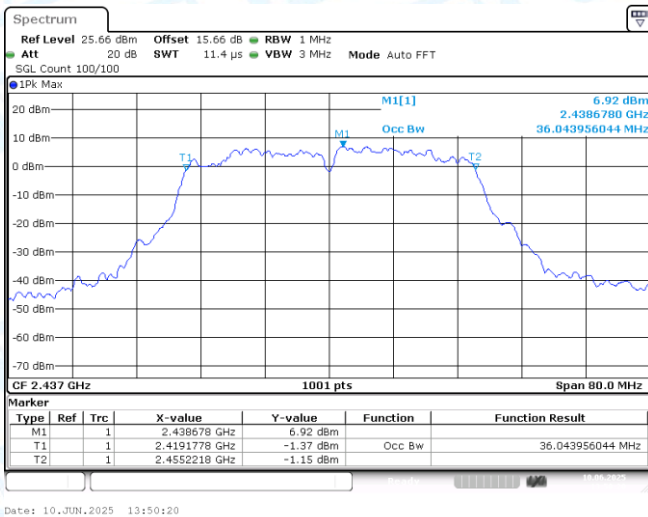
11N20MIMO-Ant2-2462



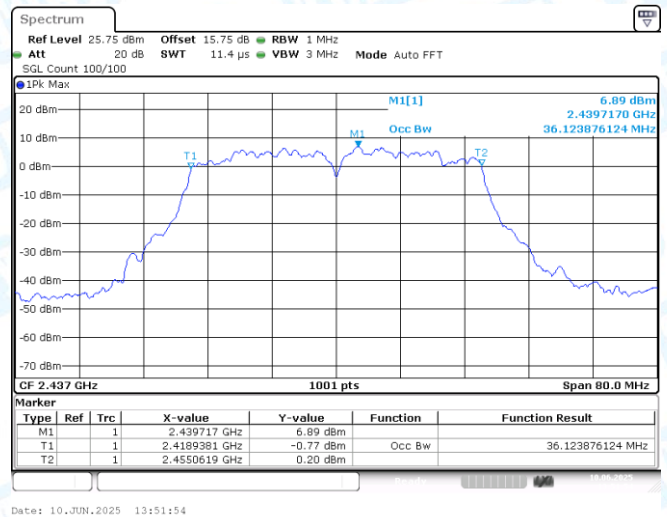
11N40MIMO-Ant1-2422



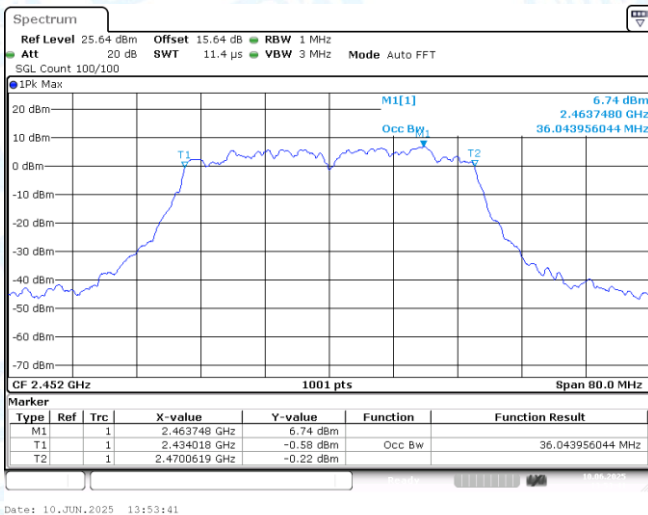
11N40MIMO-Ant2-2422



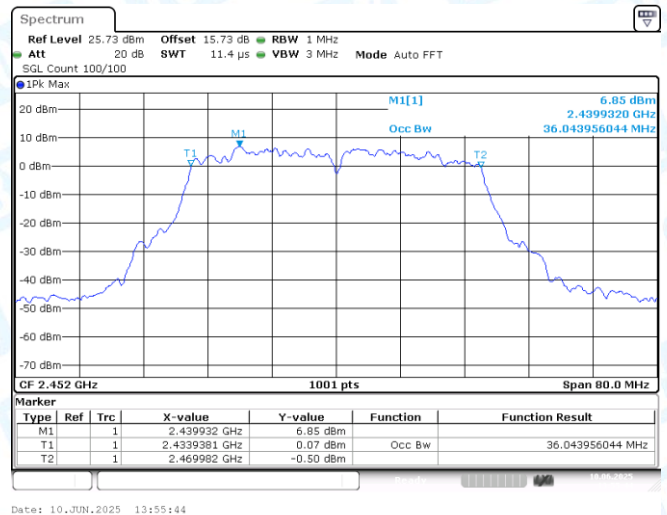
11N40MIMO-Ant1-2437



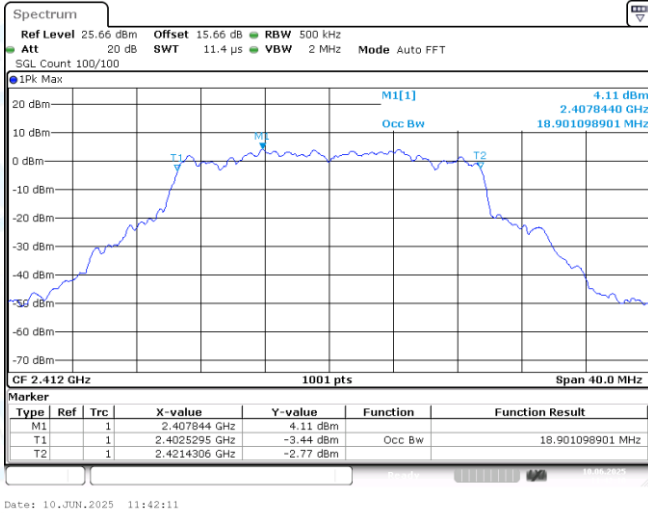
11N40MIMO-Ant2-2437



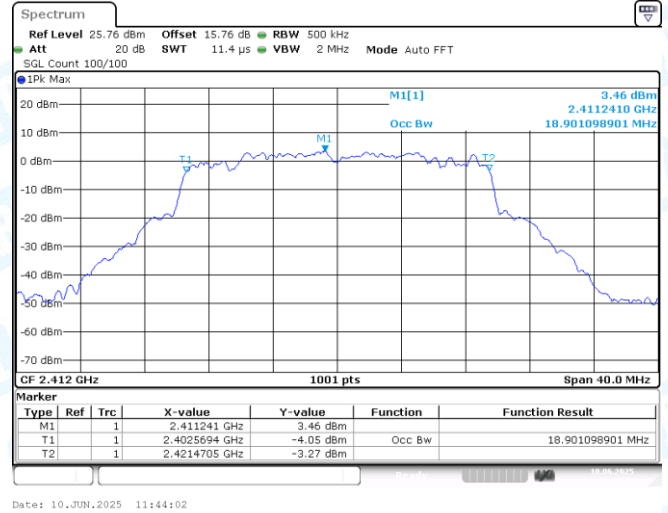
11N40MIMO-Ant1-2452



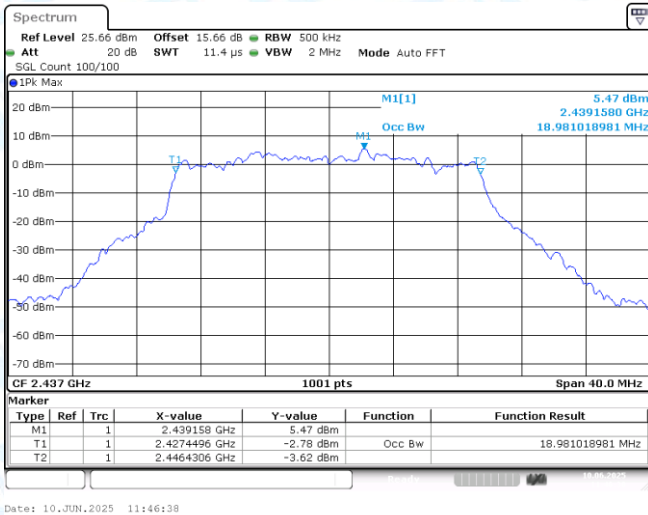
11N40MIMO-Ant2-2452



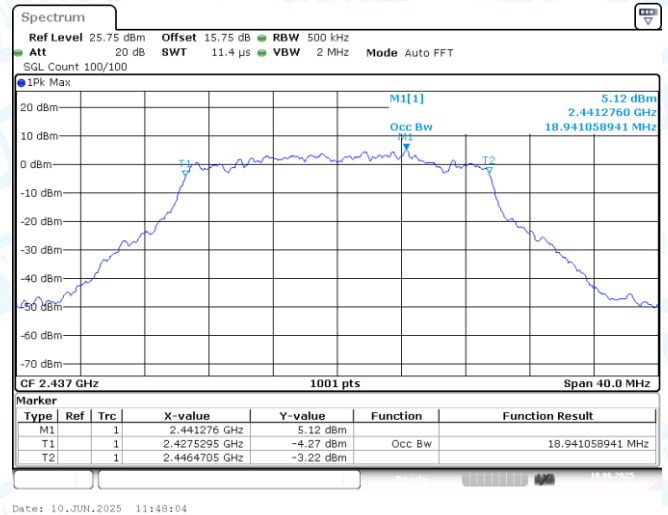
11AX20MIMO-Ant1-2412



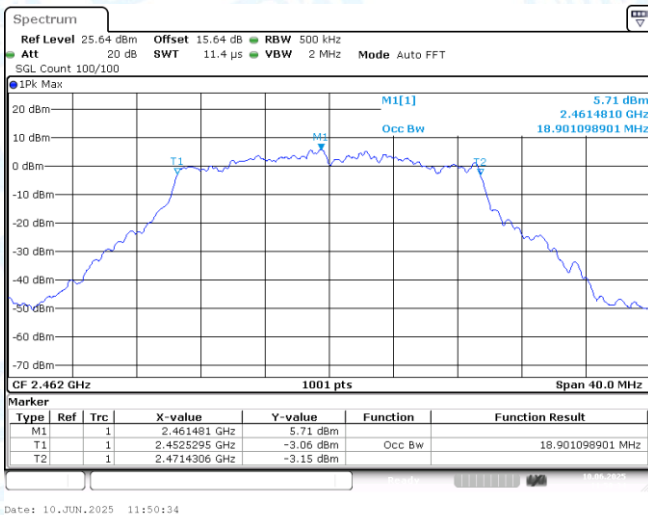
11AX20MIMO-Ant2-2412



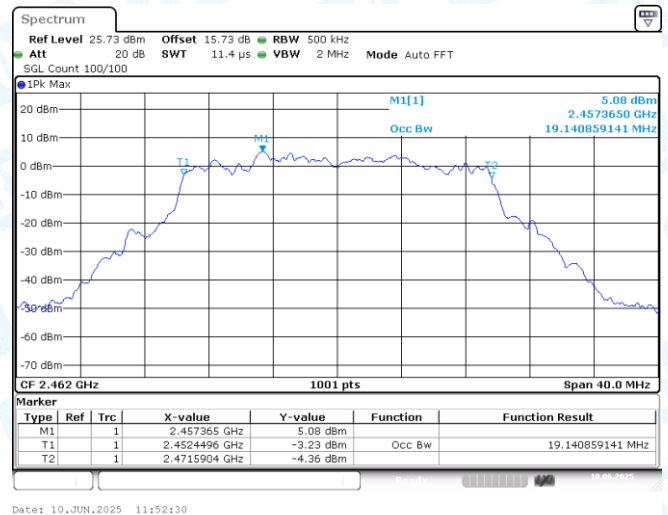
11AX20MIMO-Ant1-2437



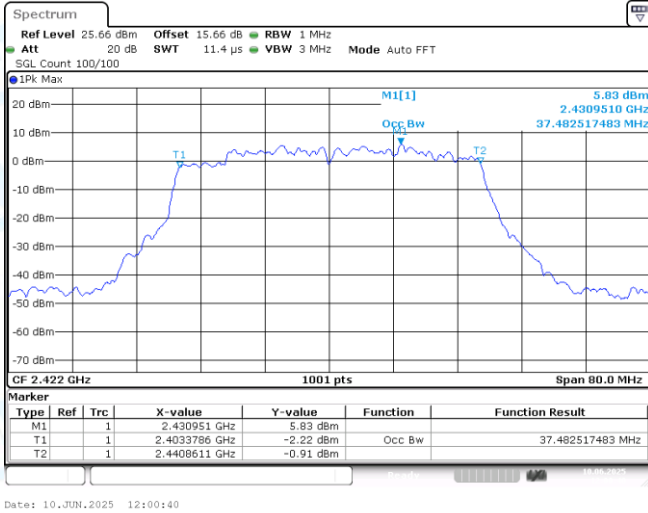
11AX20MIMO-Ant2-2437



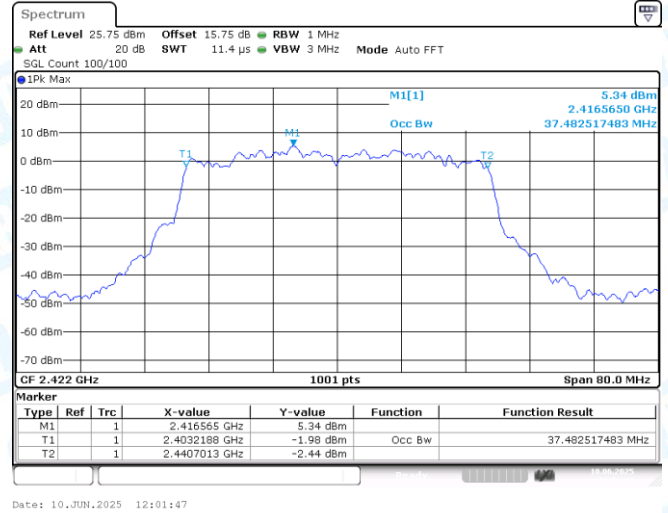
11AX20MIMO-Ant1-2462



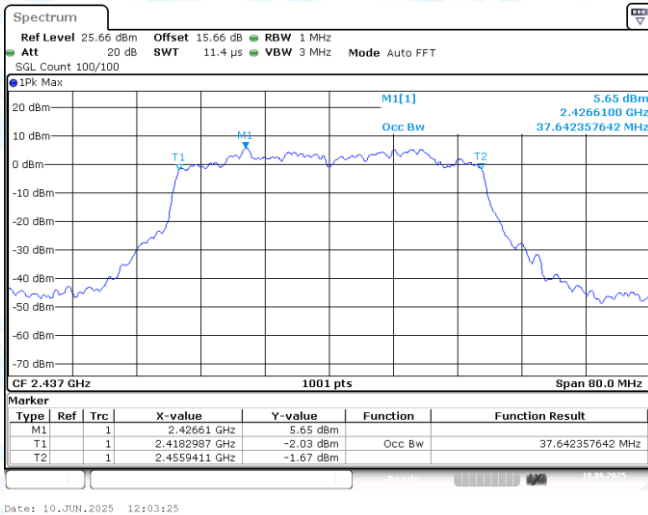
11AX20MIMO-Ant2-2462



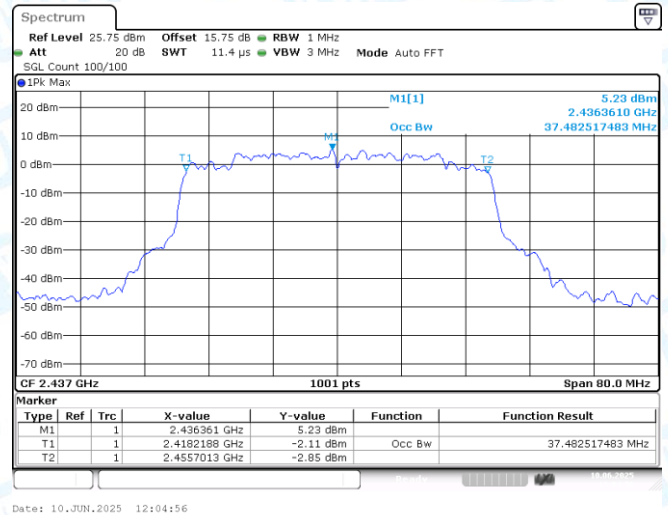
11AX40MIMO-Ant1-2422



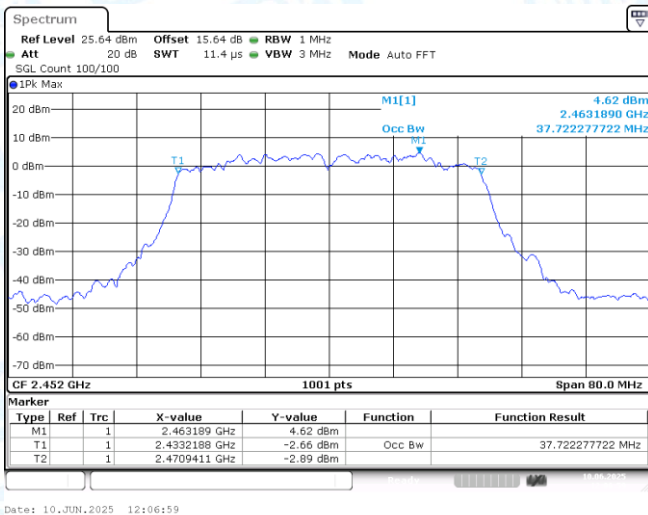
11AX40MIMO-Ant2-2422



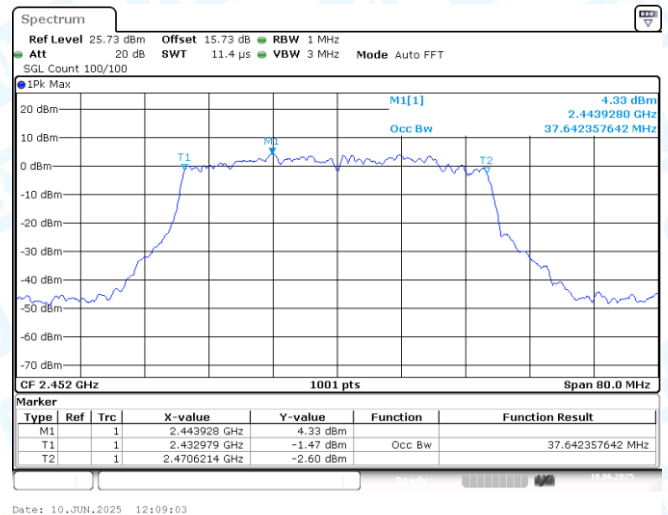
11AX40MIMO-Ant1-2437



11AX40MIMO-Ant2-2437



11AX40MIMO-Ant1-2452



11AX40MIMO-Ant2-2452

3: Maximum conducted output power

3.1 Test Result Average

Test Mode	Ant.	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	14.57	≤30.00	PASS
11B-CDD	Ant2	2412	14.30	≤30.00	PASS
11B-CDD	total	2412	17.45	≤30.00	PASS
11B-CDD	Ant1	2437	14.35	≤30.00	PASS
11B-CDD	Ant2	2437	13.41	≤30.00	PASS
11B-CDD	total	2437	16.92	≤30.00	PASS
11B-CDD	Ant1	2462	14.32	≤30.00	PASS
11B-CDD	Ant2	2462	14.44	≤30.00	PASS
11B-CDD	total	2462	17.39	≤30.00	PASS
11G-CDD	Ant1	2412	13.60	≤30.00	PASS
11G-CDD	Ant2	2412	13.31	≤30.00	PASS
11G-CDD	total	2412	16.47	≤30.00	PASS
11G-CDD	Ant1	2437	14.89	≤30.00	PASS
11G-CDD	Ant2	2437	15.08	≤30.00	PASS
11G-CDD	total	2437	18.00	≤30.00	PASS
11G-CDD	Ant1	2462	14.69	≤30.00	PASS
11G-CDD	Ant2	2462	14.97	≤30.00	PASS
11G-CDD	total	2462	17.84	≤30.00	PASS
11N20MIMO	Ant1	2412	13.91	≤30.00	PASS
11N20MIMO	Ant2	2412	12.83	≤30.00	PASS
11N20MIMO	total	2412	16.41	≤30.00	PASS
11N20MIMO	Ant1	2437	14.73	≤30.00	PASS
11N20MIMO	Ant2	2437	14.76	≤30.00	PASS
11N20MIMO	total	2437	17.76	≤30.00	PASS
11N20MIMO	Ant1	2462	14.94	≤30.00	PASS
11N20MIMO	Ant2	2462	14.94	≤30.00	PASS
11N20MIMO	total	2462	17.95	≤30.00	PASS
11N40MIMO	Ant1	2422	12.95	≤30.00	PASS
11N40MIMO	Ant2	2422	12.81	≤30.00	PASS
11N40MIMO	total	2422	15.89	≤30.00	PASS
11N40MIMO	Ant1	2437	13.45	≤30.00	PASS
11N40MIMO	Ant2	2437	13.58	≤30.00	PASS
11N40MIMO	total	2437	16.53	≤30.00	PASS
11N40MIMO	Ant1	2452	12.69	≤30.00	PASS
11N40MIMO	Ant2	2452	13.78	≤30.00	PASS
11N40MIMO	total	2452	16.28	≤30.00	PASS
11AX20MIMO	Ant1	2412	10.78	≤30.00	PASS
11AX20MIMO	Ant2	2412	10.38	≤30.00	PASS
11AX20MIMO	total	2412	13.59	≤30.00	PASS
11AX20MIMO	Ant1	2437	10.87	≤30.00	PASS
11AX20MIMO	Ant2	2437	10.19	≤30.00	PASS

11AX20MIMO	total	2437	13.55	≤30.00	PASS
11AX20MIMO	Ant1	2462	10.82	≤30.00	PASS
11AX20MIMO	Ant2	2462	10.47	≤30.00	PASS
11AX20MIMO	total	2462	13.66	≤30.00	PASS
11AX40MIMO	Ant1	2422	11.07	≤30.00	PASS
11AX40MIMO	Ant2	2422	10.84	≤30.00	PASS
11AX40MIMO	total	2422	13.97	≤30.00	PASS
11AX40MIMO	Ant1	2437	11.25	≤30.00	PASS
11AX40MIMO	Ant2	2437	10.89	≤30.00	PASS
11AX40MIMO	total	2437	14.08	≤30.00	PASS
11AX40MIMO	Ant1	2452	10.84	≤30.00	PASS
11AX40MIMO	Ant2	2452	10.82	≤30.00	PASS
11AX40MIMO	total	2452	13.84	≤30.00	PASS

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

4: Maximum power spectral density

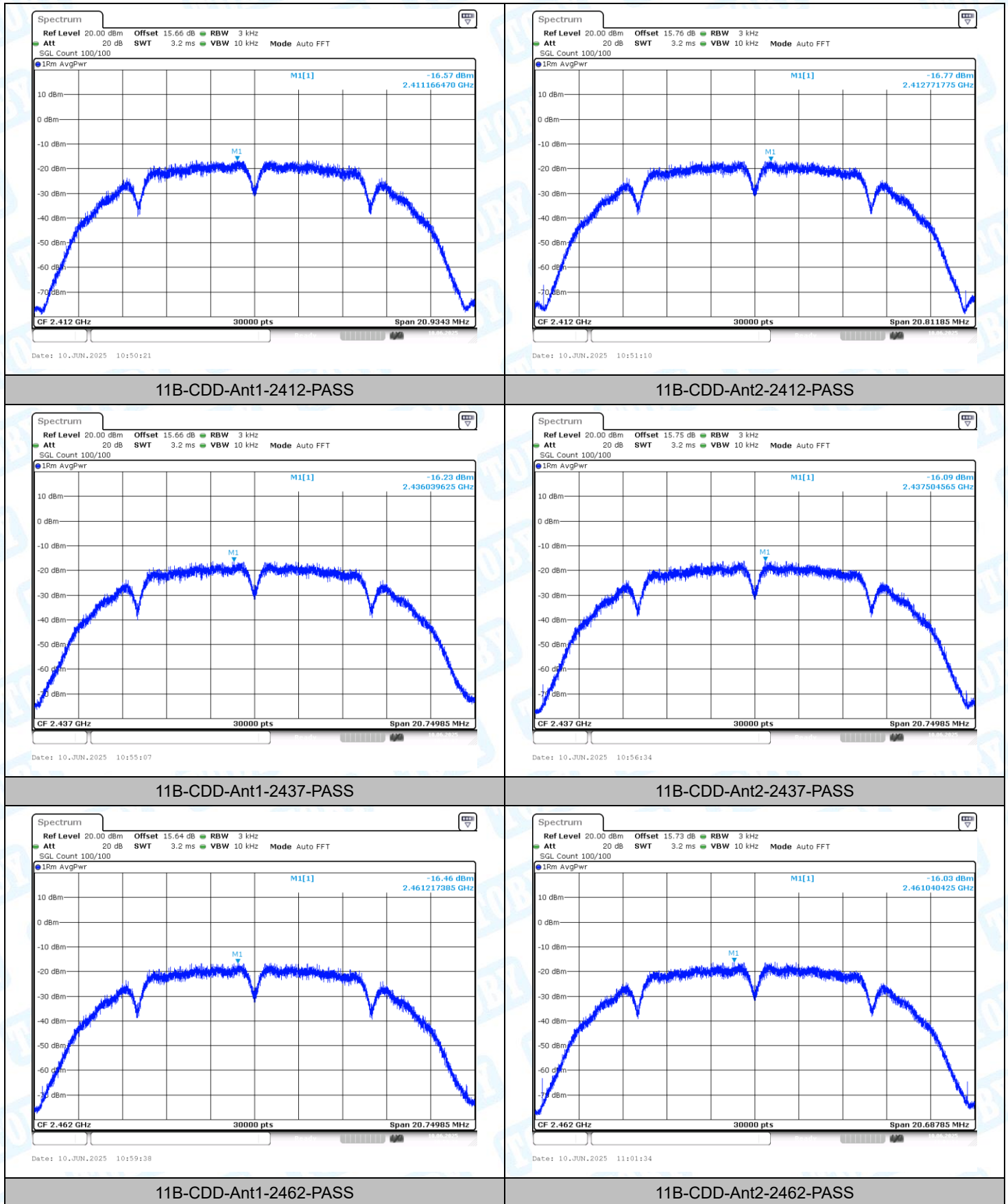
4.1 Test Result

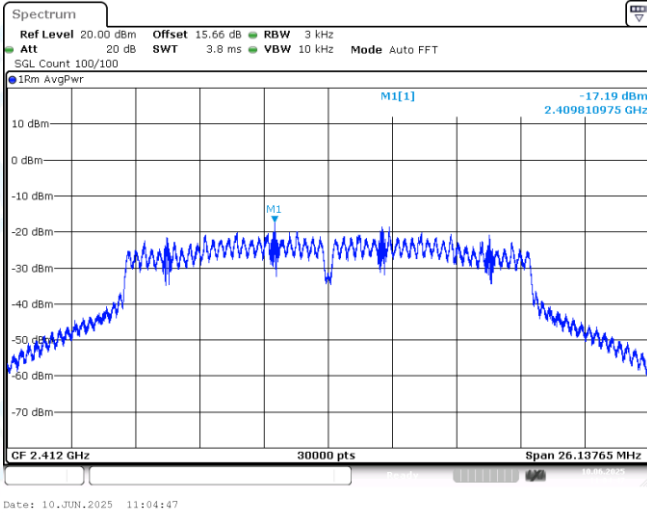
TestMode	Ant.	Frequency [MHz]	RawData [dBm/3kHz]	DC Factory	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-16.57	0.05	-16.52	≤8.00	PASS
11B-CDD	Ant2	2412	-16.77	0.05	-16.72	≤8.00	PASS
11B-CDD	total	2412	---	---	-13.61	≤8.00	PASS
11B-CDD	Ant1	2437	-16.23	0.03	-16.20	≤8.00	PASS
11B-CDD	Ant2	2437	-16.09	0.03	-16.06	≤8.00	PASS
11B-CDD	total	2437	---	---	-13.12	≤8.00	PASS
11B-CDD	Ant1	2462	-16.46	0.03	-16.43	≤8.00	PASS
11B-CDD	Ant2	2462	-16.03	0.03	-16.00	≤8.00	PASS
11B-CDD	total	2462	---	---	-13.20	≤8.00	PASS
11G-CDD	Ant1	2412	-17.19	0.86	-16.33	≤8.00	PASS
11G-CDD	Ant2	2412	-18.08	1.12	-16.96	≤8.00	PASS
11G-CDD	total	2412	---	---	-13.62	≤8.00	PASS
11G-CDD	Ant1	2437	-15.85	0.98	-14.87	≤8.00	PASS
11G-CDD	Ant2	2437	-16.24	0.97	-15.27	≤8.00	PASS
11G-CDD	total	2437	---	---	-12.06	≤8.00	PASS
11G-CDD	Ant1	2462	-16.62	0.85	-15.77	≤8.00	PASS
11G-CDD	Ant2	2462	-16.36	0.87	-15.49	≤8.00	PASS
11G-CDD	total	2462	---	---	-12.62	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.01	0.89	-17.12	≤8.00	PASS
11N20MIMO	Ant2	2412	-18.09	0.73	-17.36	≤8.00	PASS
11N20MIMO	total	2412	---	---	-14.23	≤8.00	PASS
11N20MIMO	Ant1	2437	-17.17	0.58	-16.59	≤8.00	PASS
11N20MIMO	Ant2	2437	-16	0.58	-15.42	≤8.00	PASS
11N20MIMO	total	2437	---	---	-12.96	≤8.00	PASS
11N20MIMO	Ant1	2462	-17.27	0.89	-16.38	≤8.00	PASS
11N20MIMO	Ant2	2462	-16.92	0.59	-16.33	≤8.00	PASS
11N20MIMO	total	2462	---	---	-13.34	≤8.00	PASS
11N40MIMO	Ant1	2422	-21.17	0.00	-21.17	≤8.00	PASS
11N40MIMO	Ant2	2422	-20.93	0.00	-20.93	≤8.00	PASS
11N40MIMO	total	2422	---	---	-18.04	≤8.00	PASS
11N40MIMO	Ant1	2437	-21.26	0.57	-20.69	≤8.00	PASS
11N40MIMO	Ant2	2437	-20.56	0.60	-19.96	≤8.00	PASS
11N40MIMO	total	2437	---	---	-17.30	≤8.00	PASS
11N40MIMO	Ant1	2452	-21.52	0.00	-21.52	≤8.00	PASS
11N40MIMO	Ant2	2452	-21.11	0.84	-20.27	≤8.00	PASS
11N40MIMO	total	2452	---	---	-17.84	≤8.00	PASS
11AX20MIMO	Ant1	2412	-22.67	0.11	-22.56	≤8.00	PASS
11AX20MIMO	Ant2	2412	-22.83	0.10	-22.73	≤8.00	PASS
11AX20MIMO	total	2412	---	---	-19.63	≤8.00	PASS
11AX20MIMO	Ant1	2437	-22.68	0.11	-22.57	≤8.00	PASS

11AX20MIMO	Ant2	2437	-23.34	0.00	-23.34	≤8.00	PASS
11AX20MIMO	total	2437	---	---	-19.93	≤8.00	PASS
11AX20MIMO	Ant1	2462	-22.79	0.11	-22.68	≤8.00	PASS
11AX20MIMO	Ant2	2462	-23.29	0.11	-23.18	≤8.00	PASS
11AX20MIMO	total	2462	---	---	-19.91	≤8.00	PASS
11AX40MIMO	Ant1	2422	-25.58	0.11	-25.47	≤8.00	PASS
11AX40MIMO	Ant2	2422	-25.89	0.18	-25.71	≤8.00	PASS
11AX40MIMO	total	2422	---	---	-22.58	≤8.00	PASS
11AX40MIMO	Ant1	2437	-25.92	0.11	-25.81	≤8.00	PASS
11AX40MIMO	Ant2	2437	-25.84	0.11	-25.73	≤8.00	PASS
11AX40MIMO	total	2437	---	---	-22.76	≤8.00	PASS
11AX40MIMO	Ant1	2452	-25.59	0.11	-25.48	≤8.00	PASS
11AX40MIMO	Ant2	2452	-25.5	0.16	-25.34	≤8.00	PASS
11AX40MIMO	total	2452	---	---	-22.40	≤8.00	PASS

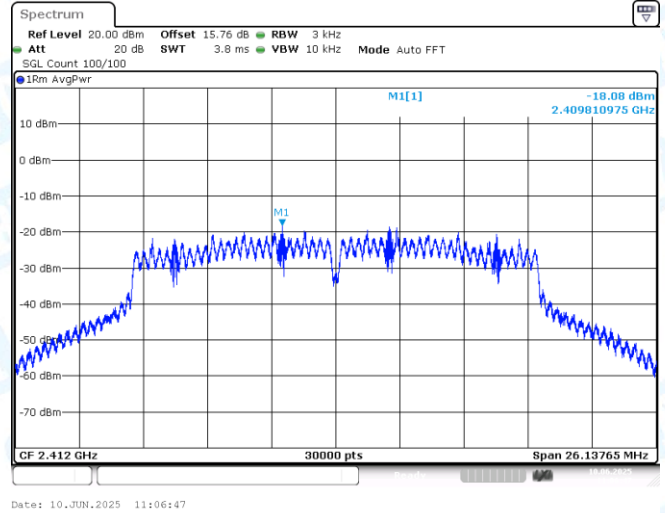
Note: The Duty Cycle Factor is compensated in the graph.

4.2 Test Graphs

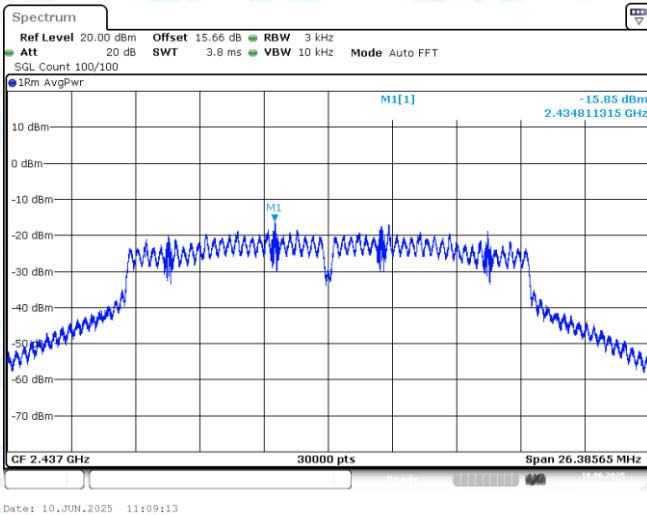




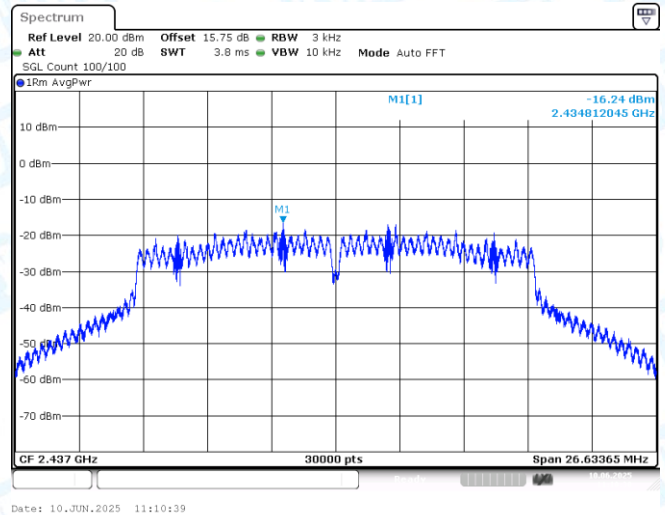
11G-CDD-Ant1-2412-PASS



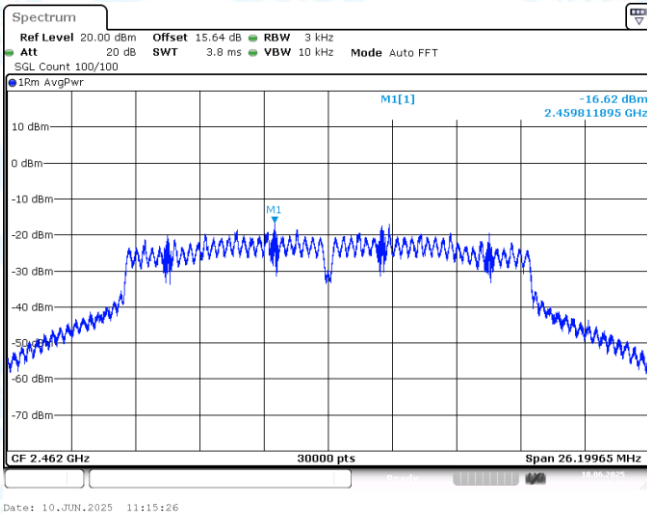
11G-CDD-Ant2-2412-PASS



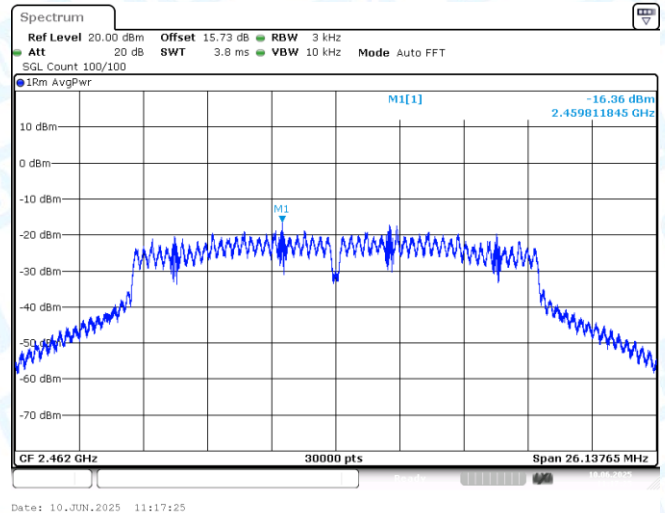
11G-CDD-Ant1-2437-PASS



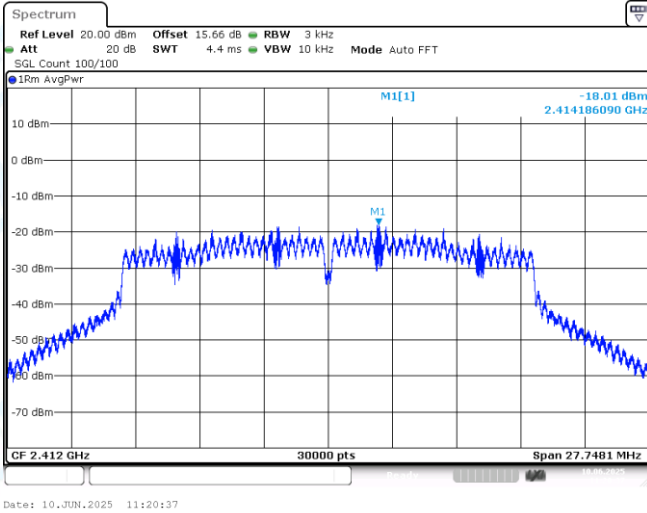
11G-CDD-Ant2-2437-PASS



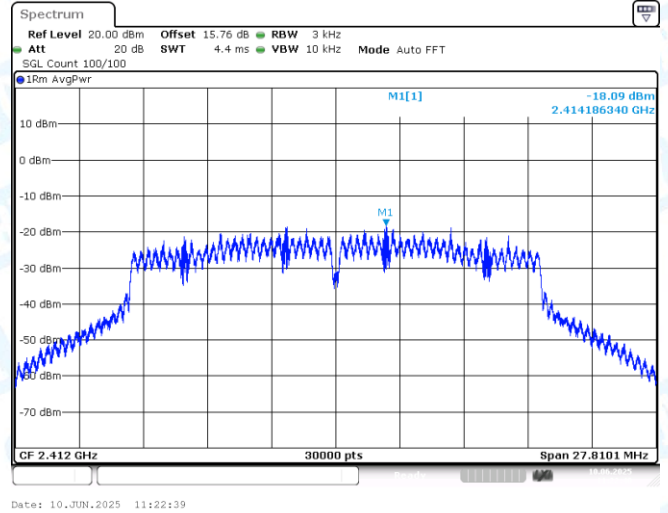
11G-CDD-Ant1-2462-PASS



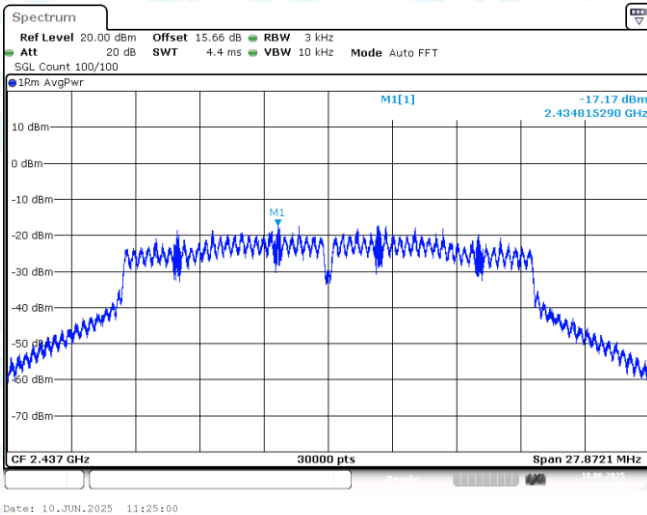
11G-CDD-Ant2-2462-PASS



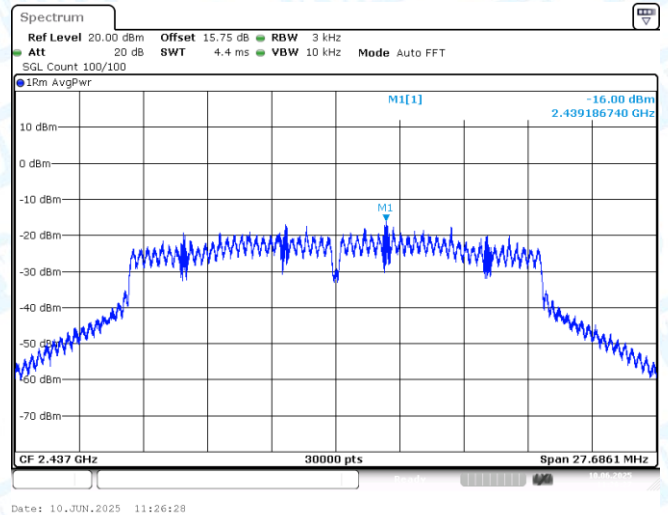
11N20MIMO-Ant1-2412-PASS



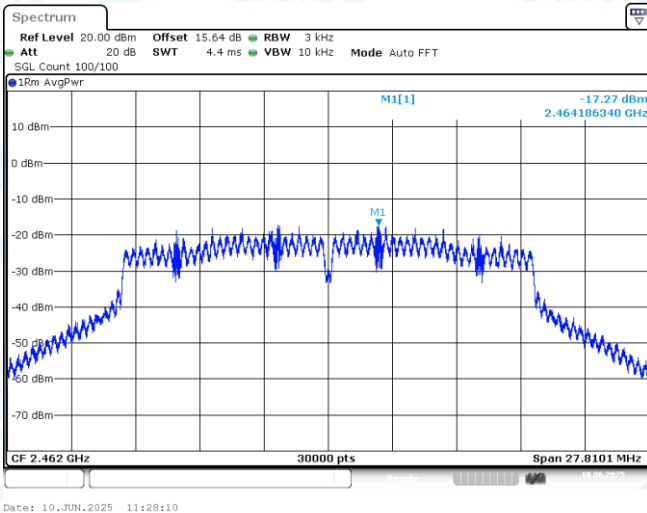
11N20MIMO-Ant2-2412-PASS



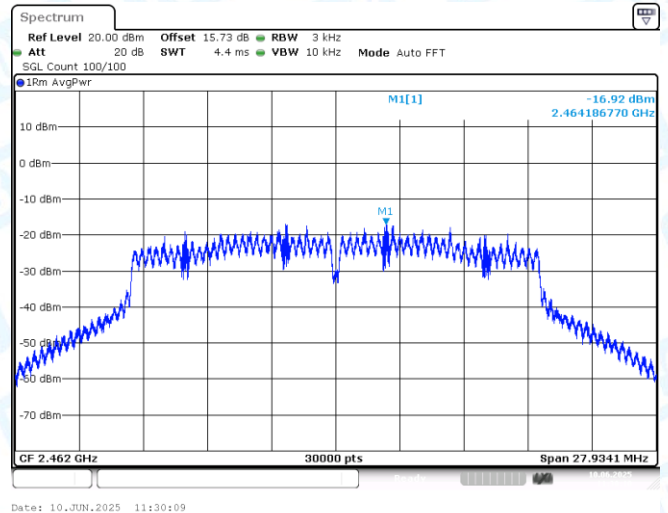
11N20MIMO-Ant1-2437-PASS



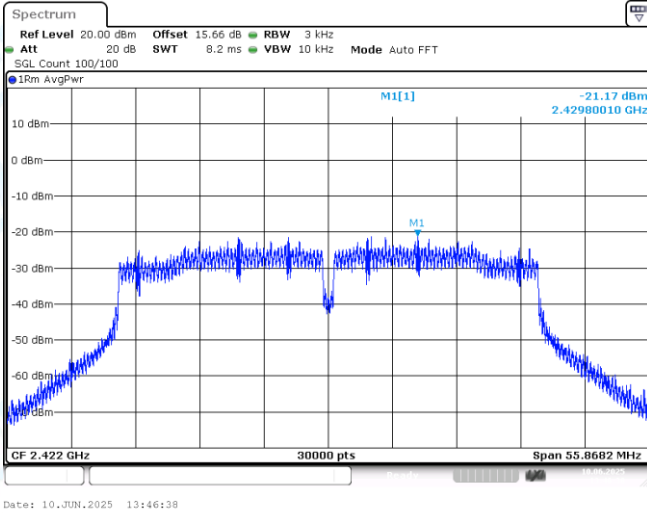
11N20MIMO-Ant2-2437-PASS



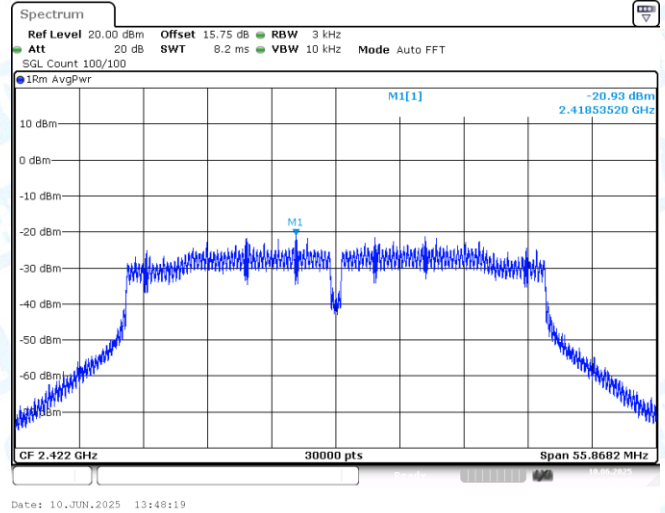
11N20MIMO-Ant1-2462-PASS



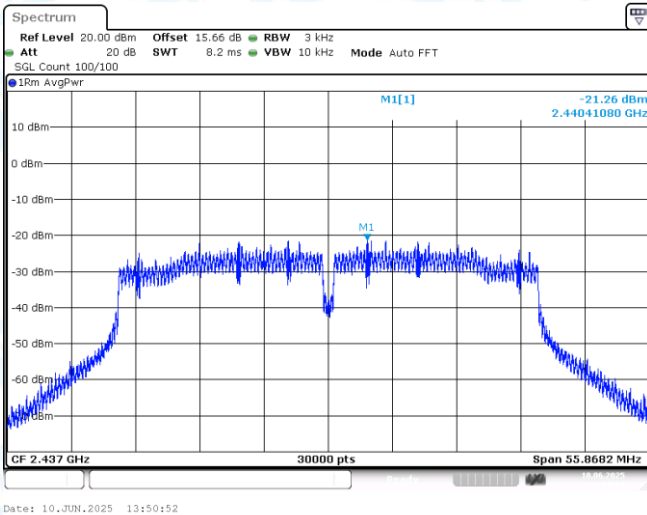
11N20MIMO-Ant2-2462-PASS



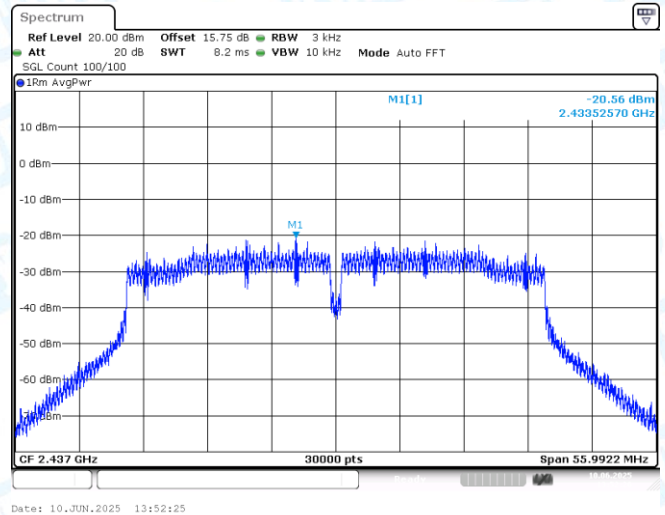
11N40MIMO-Ant1-2422-PASS



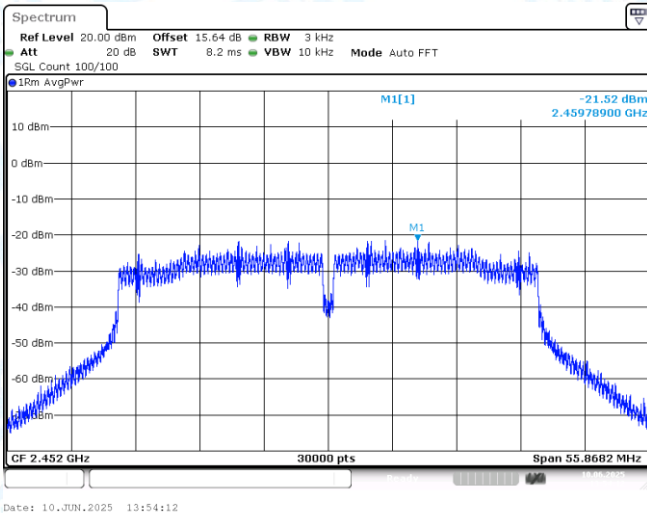
11N40MIMO-Ant2-2422-PASS



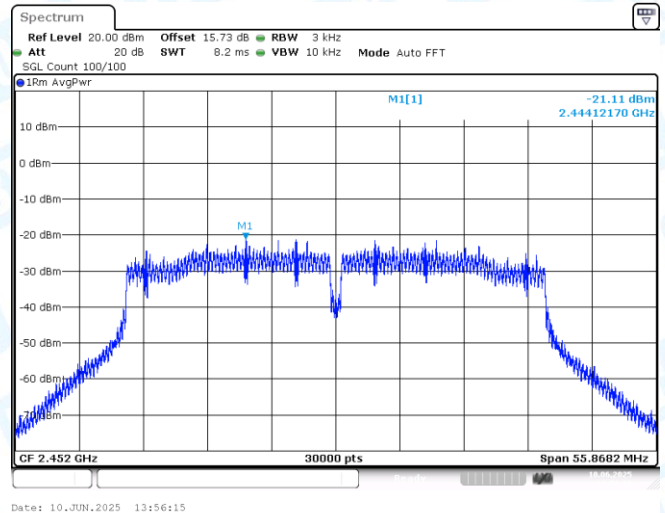
11N40MIMO-Ant1-2437-PASS



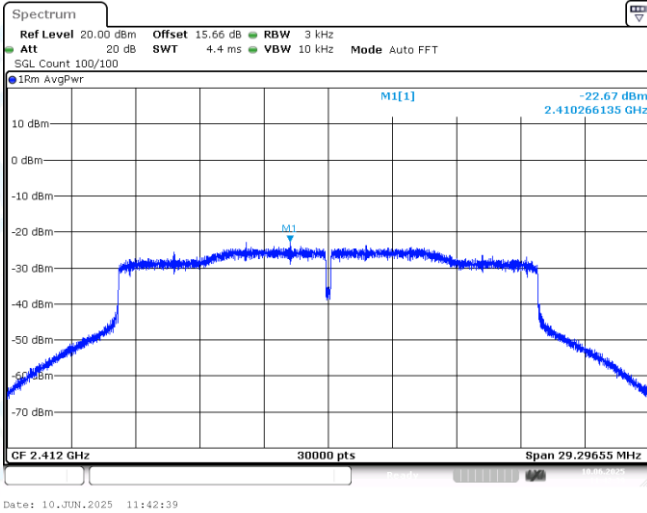
11N40MIMO-Ant2-2437-PASS



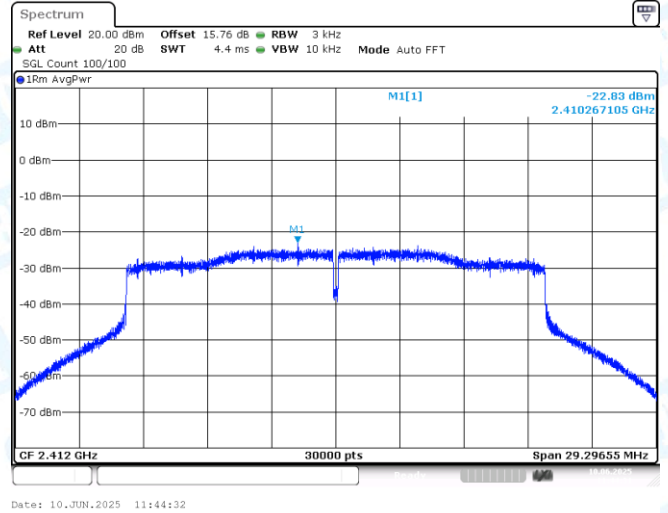
11N40MIMO-Ant1-2452-PASS



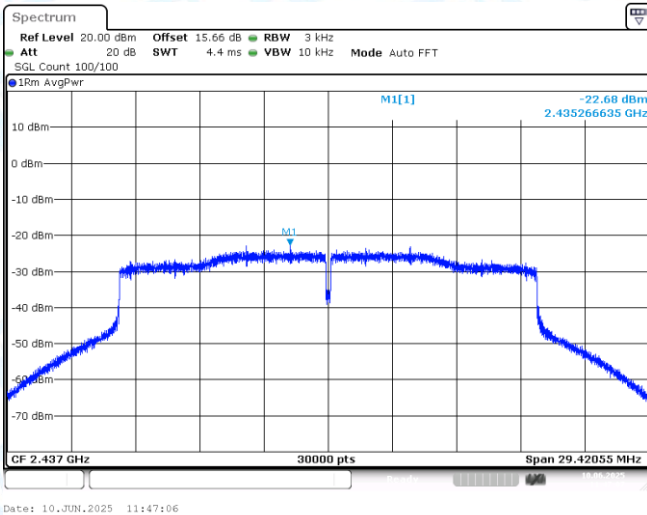
11N40MIMO-Ant2-2452-PASS



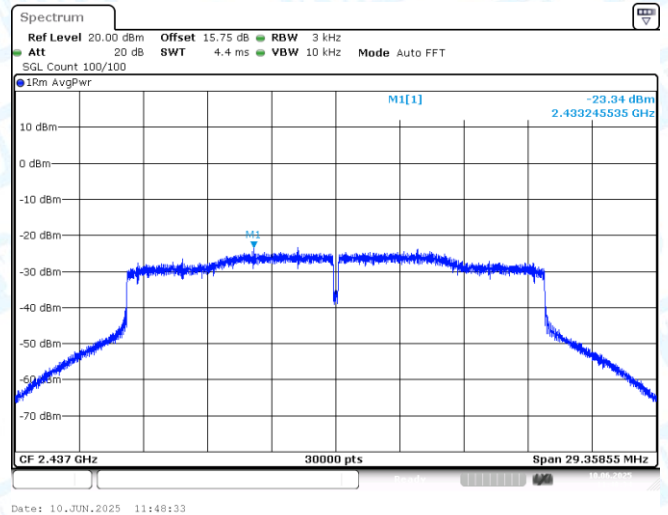
11AX20MIMO-Ant1-2412-PASS



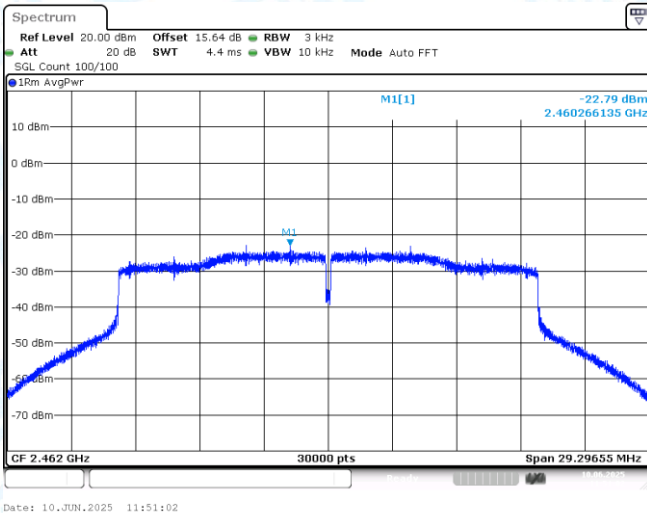
11AX20MIMO-Ant2-2412-PASS



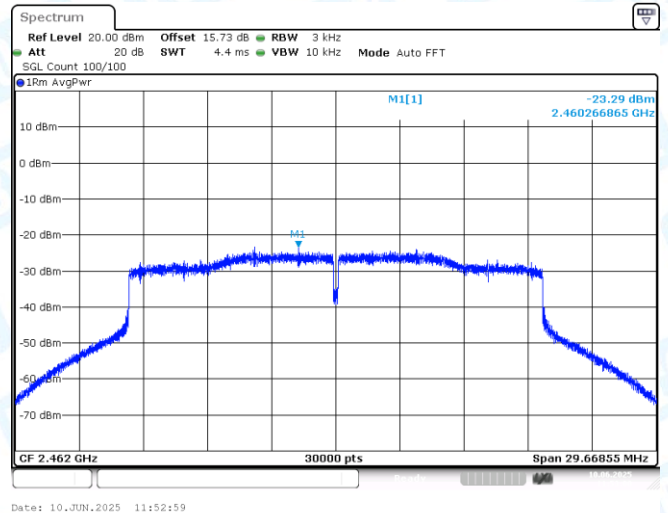
11AX20MIMO-Ant1-2437-PASS



11AX20MIMO-Ant2-2437-PASS



11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS