

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

General Description of EUT	
EUT Name:	300M Mini Smart Router
Model:	GL-AR300M16-EXT
Sample ID:	HC-C-202504-0055-03-01-2#
Test Standard:	FCC Part 15.247
Environmental Conditions	
Ambient Temperature:	25°C
Ambient Humidity:	45%RH
Test Power Supply:	DC 5V
Test Engineer:	Rick. chen
Note: For a more detailed features description, please refer to the report TBR-C-202504-0055-15	

Contents

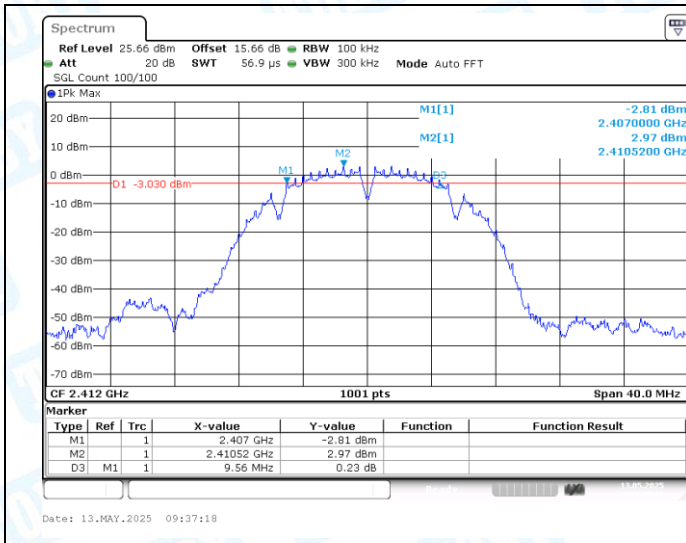
1: DTS Bandwidth.....	3
1.1 Test Result	3
1.2 Test Graphs	4
2: Occupied Channel Bandwidth.....	8
2.1 Test Result	8
2.2 Test Graphs	9
3: Maximum conducted output power	13
3.1 Test Result Average.....	13
4: Maximum power spectral density	14
4.1 Test Result	14
4.2 Test Graphs	15
5: Band edge measurements	19
5.1 Test Result	19
5.2 Test Graphs	20
6: Conducted Spurious Emission.....	23
6.1 Test Result	23
6.2 Test Graphs	25
7: Duty Cycle	37
7.1 Test Result	37
7.2 Test Graphs	38
8: Emissions in Restricted Bands.....	40
8.1 Test Result	40
8.2 Test Graphs	44

1: DTS Bandwidth

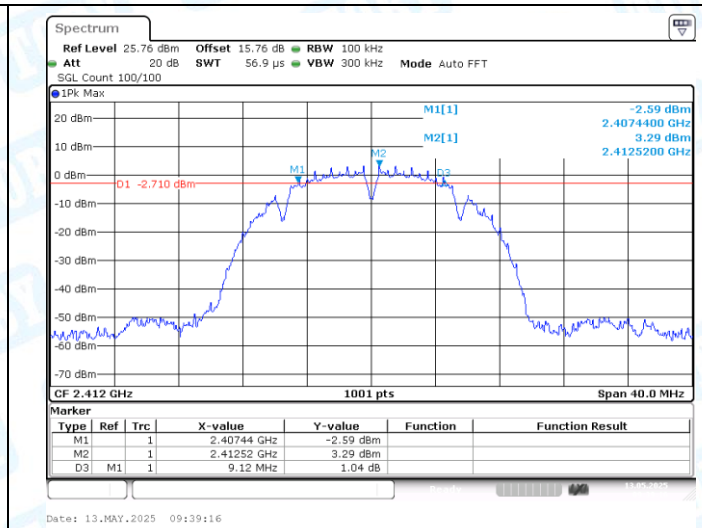
1.1 Test Result

TestMode	Ant.	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	9.56	2407.00	2416.56	0.5	PASS
11B-CDD	Ant2	2412	9.12	2407.44	2416.56	0.5	PASS
11B-CDD	Ant1	2437	10.04	2432.00	2442.04	0.5	PASS
11B-CDD	Ant2	2437	10.04	2432.00	2442.04	0.5	PASS
11B-CDD	Ant1	2462	10.08	2456.96	2467.04	0.5	PASS
11B-CDD	Ant2	2462	10.04	2457.00	2467.04	0.5	PASS
11G-CDD	Ant1	2412	15.92	2404.24	2420.16	0.5	PASS
11G-CDD	Ant2	2412	15.92	2403.84	2419.76	0.5	PASS
11G-CDD	Ant1	2437	14.64	2429.88	2444.52	0.5	PASS
11G-CDD	Ant2	2437	15.40	2429.48	2444.88	0.5	PASS
11G-CDD	Ant1	2462	15.68	2454.24	2469.92	0.5	PASS
11G-CDD	Ant2	2462	15.28	2454.48	2469.76	0.5	PASS
11N20MIMO	Ant1	2412	16.08	2404.08	2420.16	0.5	PASS
11N20MIMO	Ant2	2412	15.68	2404.48	2420.16	0.5	PASS
11N20MIMO	Ant1	2437	15.64	2429.24	2444.88	0.5	PASS
11N20MIMO	Ant2	2437	15.92	2429.24	2445.16	0.5	PASS
11N20MIMO	Ant1	2462	16.32	2453.84	2470.16	0.5	PASS
11N20MIMO	Ant2	2462	16.32	2454.08	2470.40	0.5	PASS
11N40MIMO	Ant1	2422	35.28	2404.48	2439.76	0.5	PASS
11N40MIMO	Ant2	2422	34.48	2405.04	2439.52	0.5	PASS
11N40MIMO	Ant1	2437	32.56	2421.32	2453.88	0.5	PASS
11N40MIMO	Ant2	2437	34.56	2420.36	2454.92	0.5	PASS
11N40MIMO	Ant1	2452	34.96	2434.80	2469.76	0.5	PASS
11N40MIMO	Ant2	2452	31.60	2436.32	2467.92	0.5	PASS

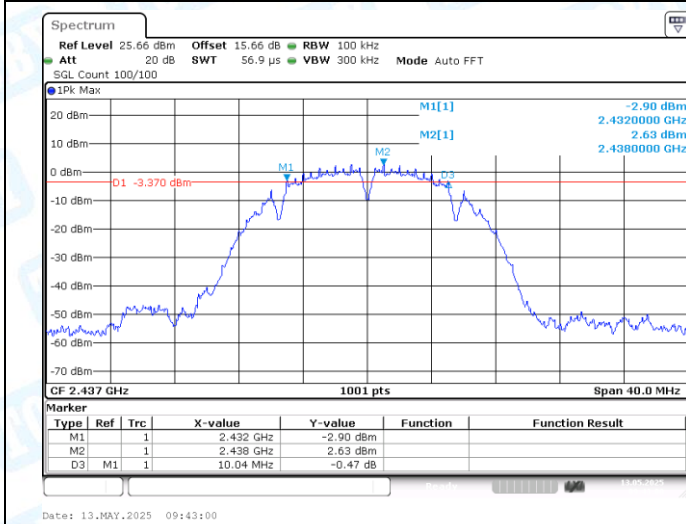
1.2 Test Graphs



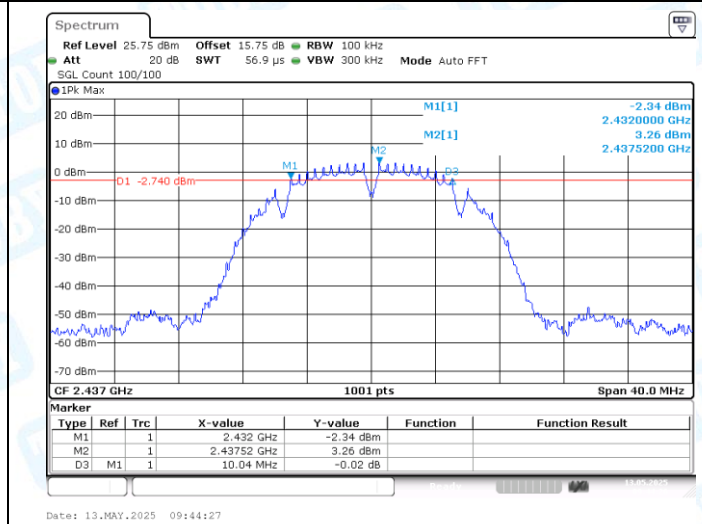
11B-CDD-Ant1-2412-PASS



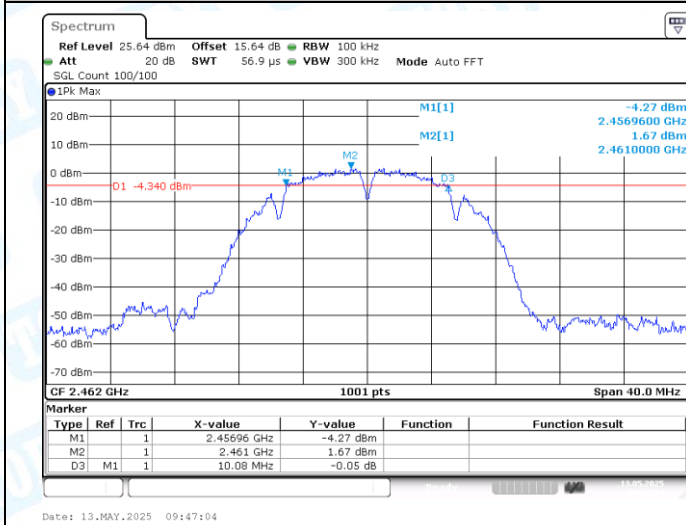
11B-CDD-Ant2-2412-PASS



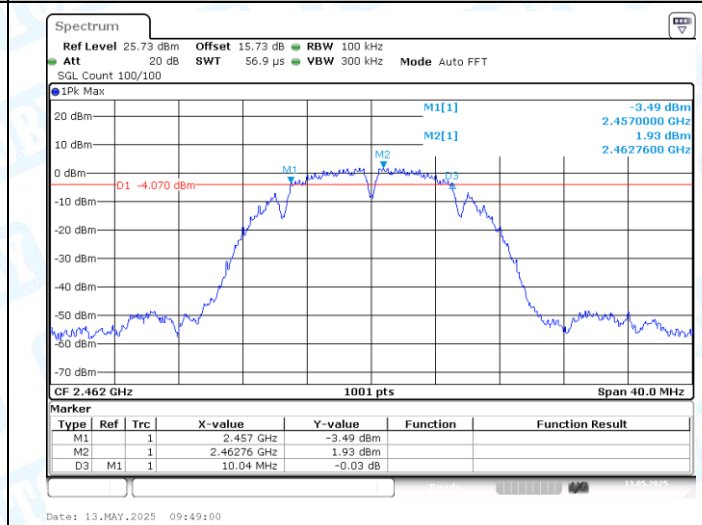
11B-CDD-Ant1-2437-PASS



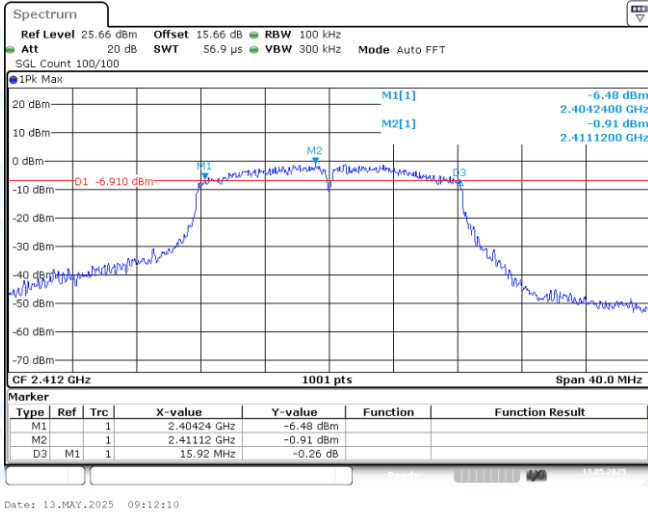
11B-CDD-Ant2-2437-PASS



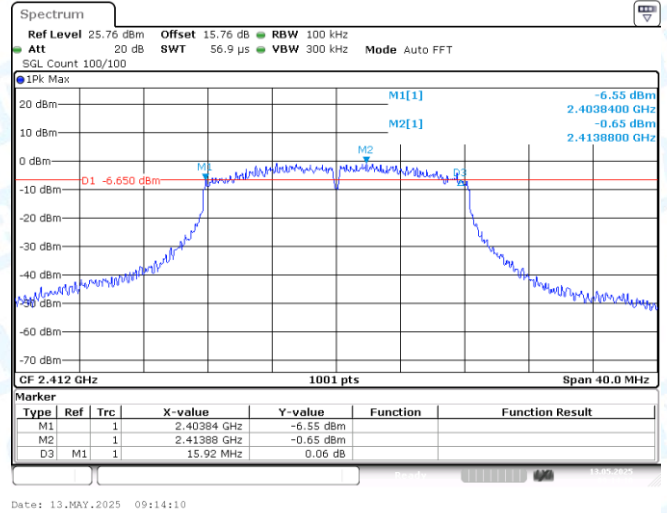
11B-CDD-Ant1-2462-PASS



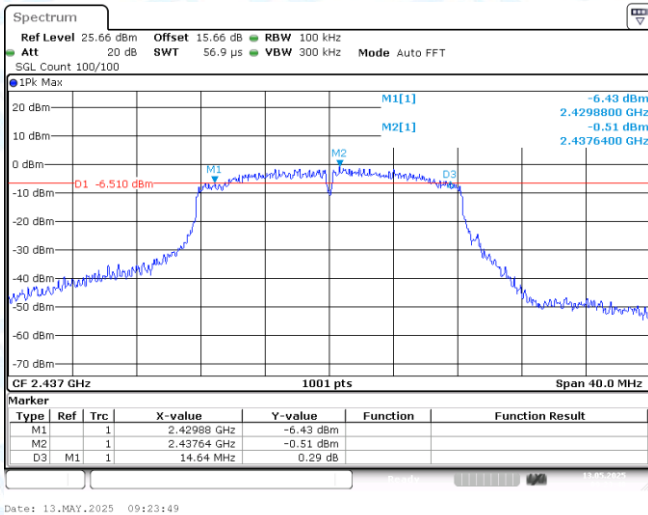
11B-CDD-Ant2-2462-PASS



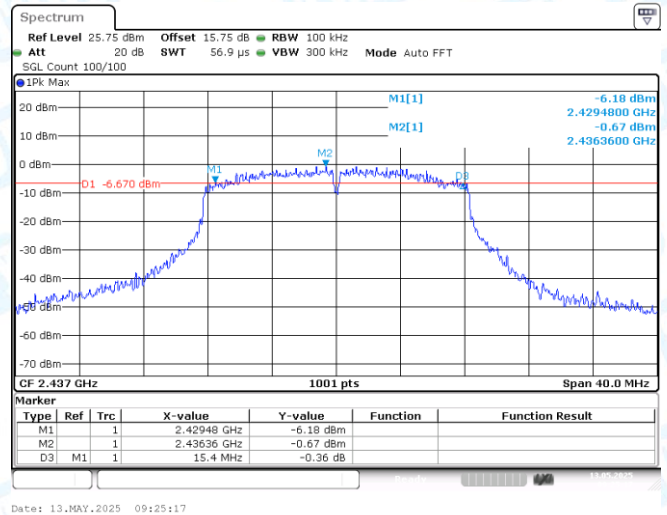
11G-CDD-Ant1-2412-PASS



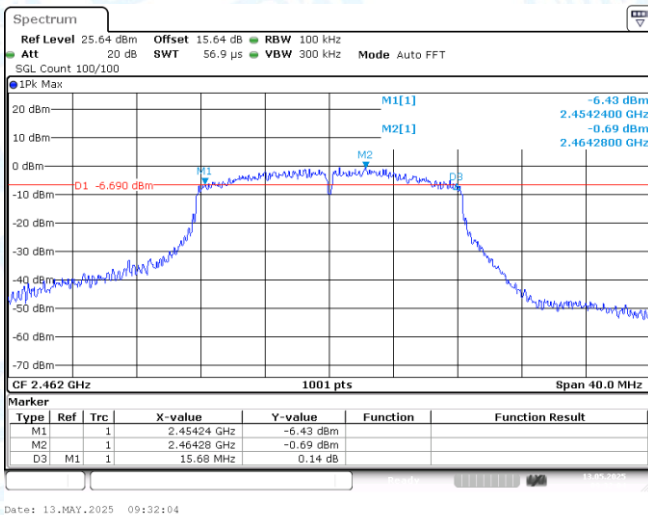
11G-CDD-Ant2-2412-PASS



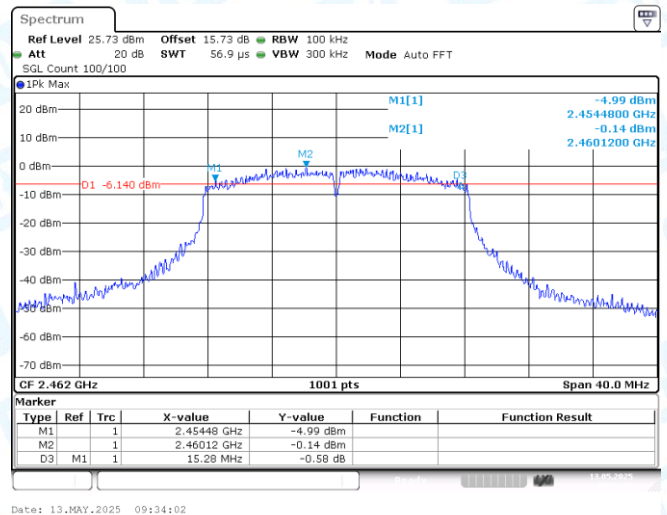
11G-CDD-Ant1-2437-PASS



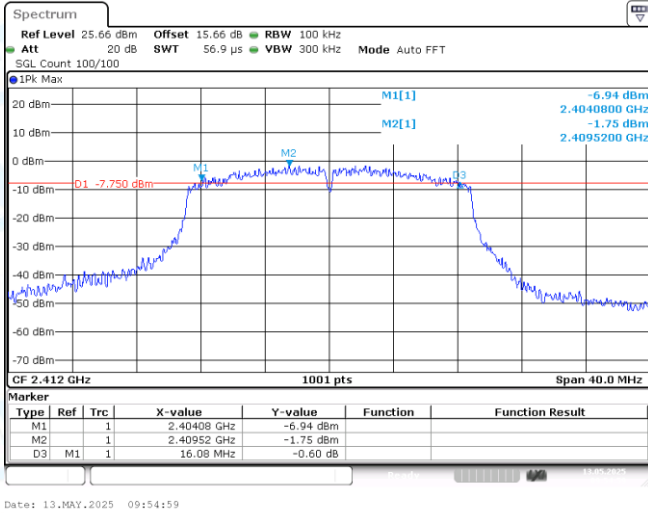
11G-CDD-Ant2-2437-PASS



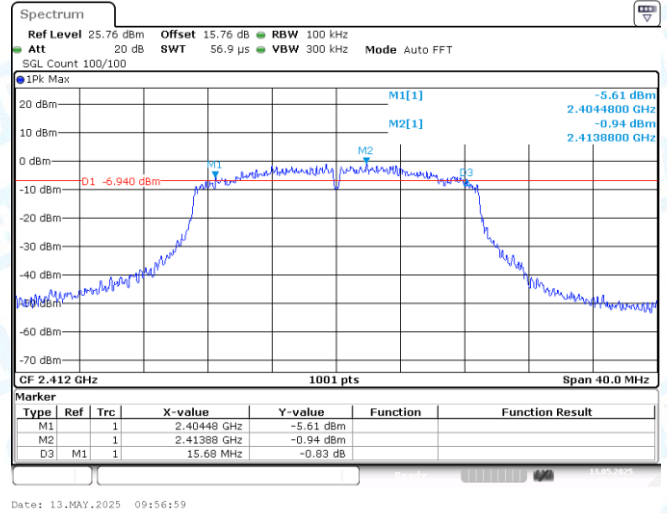
11G-CDD-Ant1-2462-PASS



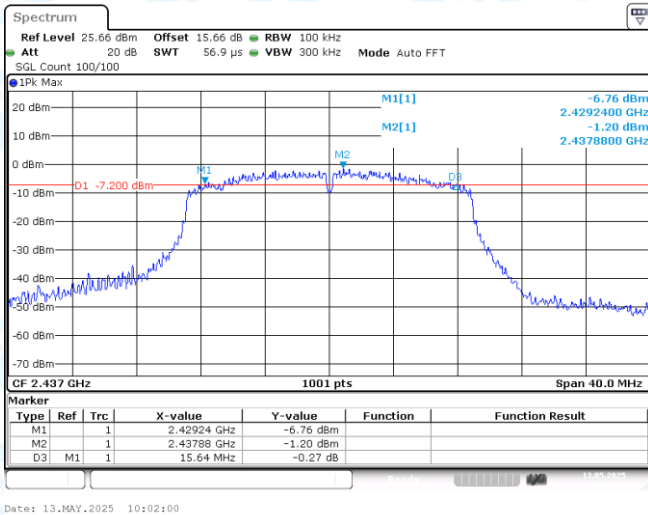
11G-CDD-Ant2-2462-PASS



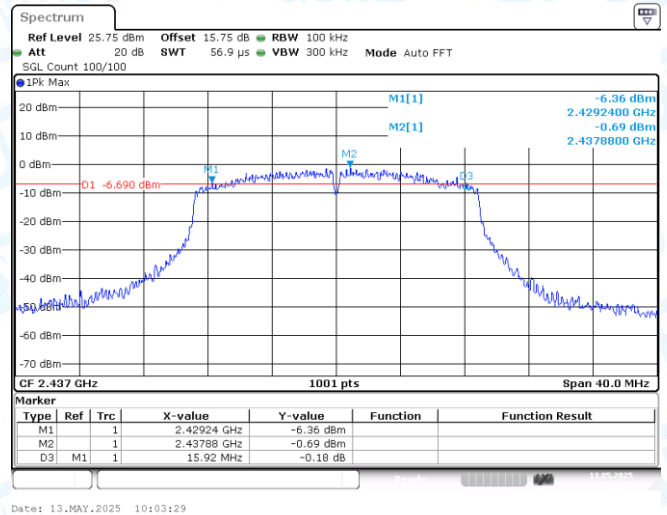
11N20MIMO-Ant1-2412-PASS



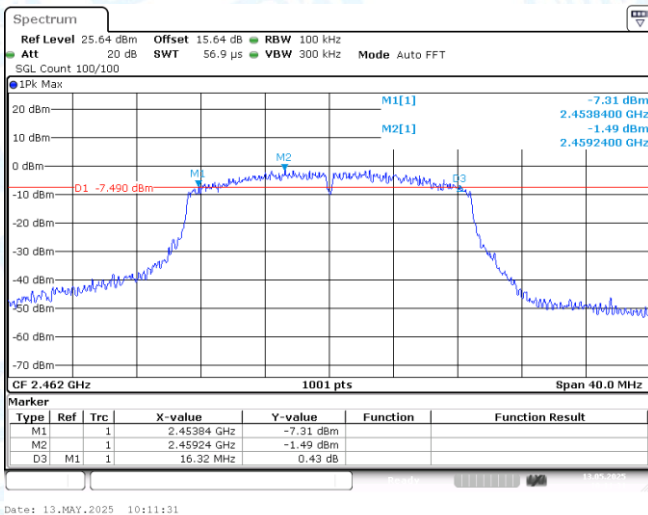
11N20MIMO-Ant2-2412-PASS



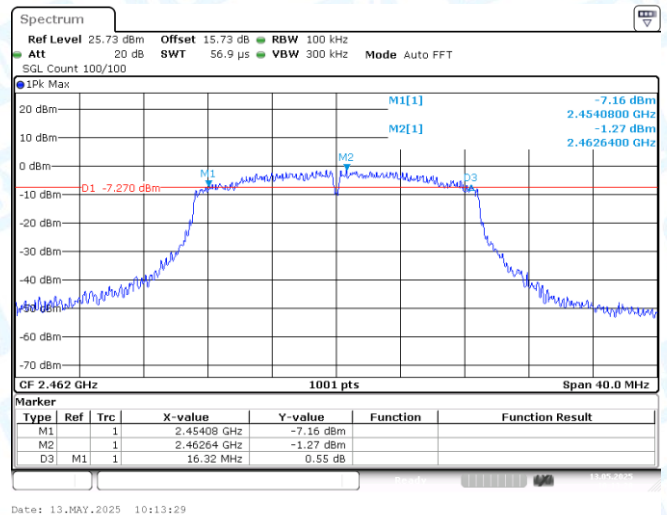
11N20MIMO-Ant1-2437-PASS



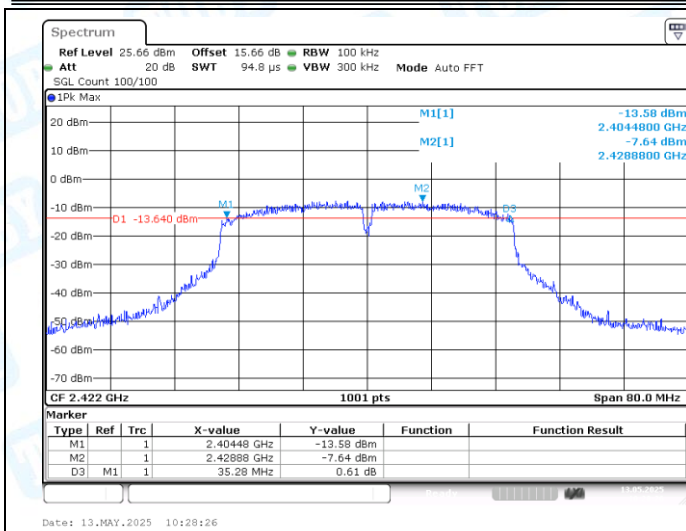
11N20MIMO-Ant2-2437-PASS



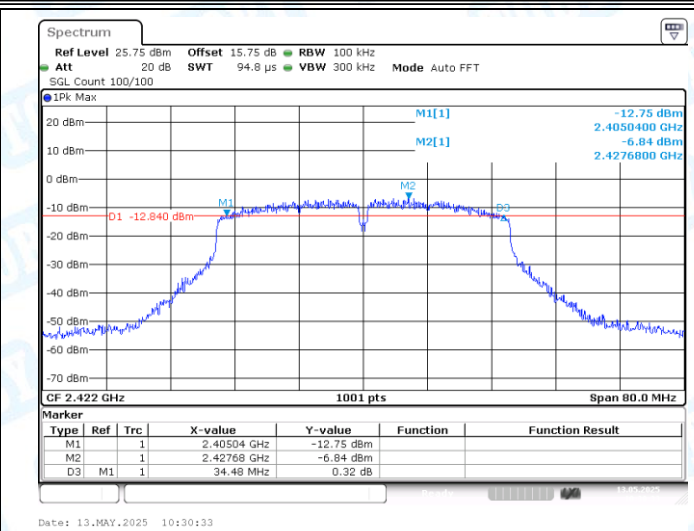
11N20MIMO-Ant1-2462-PASS



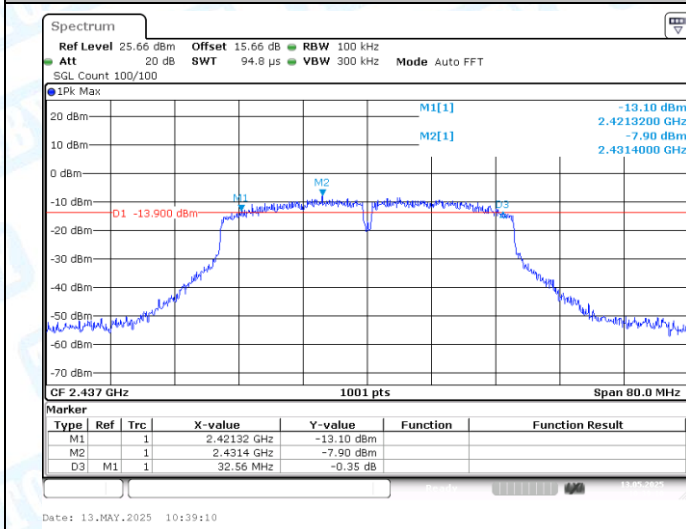
11N20MIMO-Ant2-2462-PASS



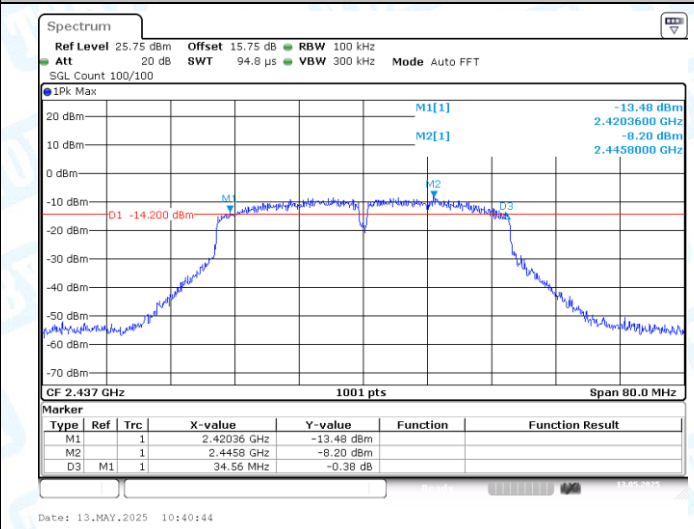
11N40MIMO-Ant1-2422-PASS



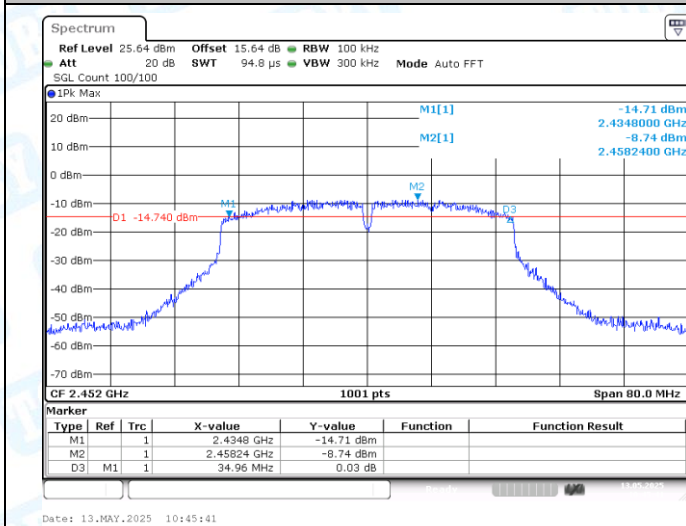
11N40MIMO-Ant2-2422-PASS



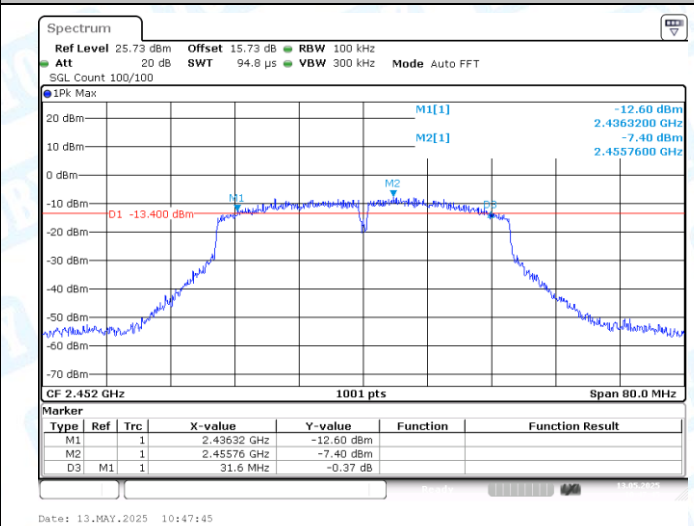
11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



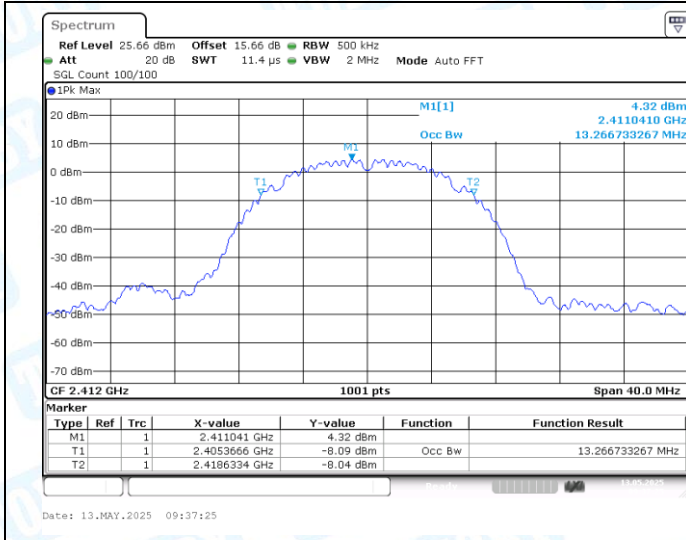
11N40MIMO-Ant2-2452-PASS

2: Occupied Channel Bandwidth

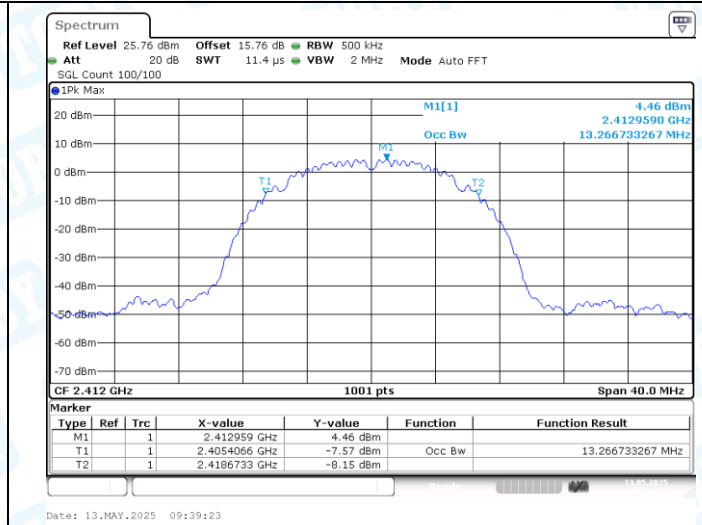
2.1 Test Result

TestMode	Ant.	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	13.267	2405.3666	2418.6334	---	---
11B-CDD	Ant2	2412	13.267	2405.4066	2418.6733	---	---
11B-CDD	Ant1	2437	13.227	2430.4066	2443.6334	---	---
11B-CDD	Ant2	2437	13.307	2430.4066	2443.7133	---	---
11B-CDD	Ant1	2462	13.267	2455.3666	2468.6334	---	---
11B-CDD	Ant2	2462	13.307	2455.4066	2468.7133	---	---
11G-CDD	Ant1	2412	16.264	2403.9281	2420.1918	---	---
11G-CDD	Ant2	2412	16.224	2403.8881	2420.1119	---	---
11G-CDD	Ant1	2437	16.224	2428.8881	2445.1119	---	---
11G-CDD	Ant2	2437	16.224	2428.9281	2445.1518	---	---
11G-CDD	Ant1	2462	16.264	2453.8881	2470.1518	---	---
11G-CDD	Ant2	2462	16.344	2453.8482	2470.1918	---	---
11N20MIMO	Ant1	2412	17.463	2403.2488	2420.7113	---	---
11N20MIMO	Ant2	2412	17.463	2403.2887	2420.7512	---	---
11N20MIMO	Ant1	2437	17.383	2428.3287	2445.7113	---	---
11N20MIMO	Ant2	2437	17.343	2428.3686	2445.7113	---	---
11N20MIMO	Ant1	2462	17.383	2453.2887	2470.6713	---	---
11N20MIMO	Ant2	2462	17.343	2453.3686	2470.7113	---	---
11N40MIMO	Ant1	2422	35.804	2404.1778	2439.9820	---	---
11N40MIMO	Ant2	2422	35.804	2404.1778	2439.9820	---	---
11N40MIMO	Ant1	2437	36.124	2419.0979	2455.2218	---	---
11N40MIMO	Ant2	2437	36.044	2418.8581	2454.9021	---	---
11N40MIMO	Ant1	2452	35.884	2434.0979	2469.9820	---	---
11N40MIMO	Ant2	2452	35.804	2434.1778	2469.9820	---	---

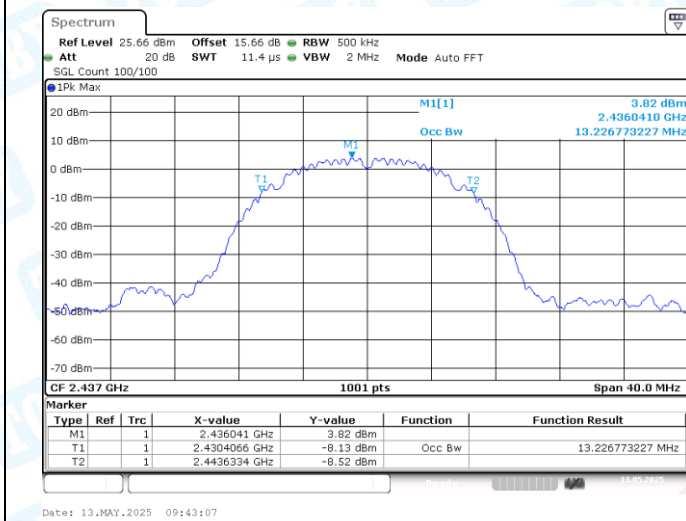
2.2 Test Graphs



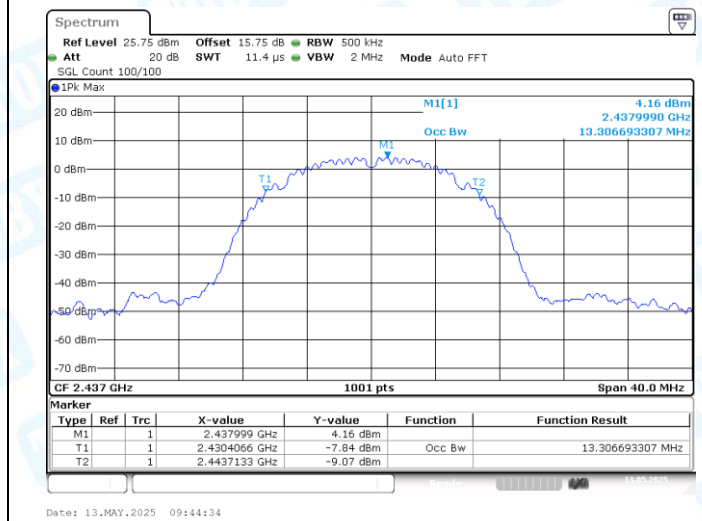
11B-CDD-Ant1-2412



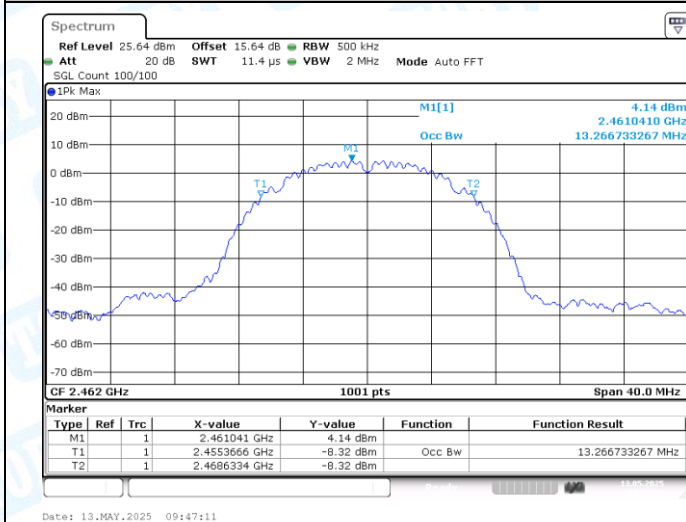
11B-CDD-Ant2-2412



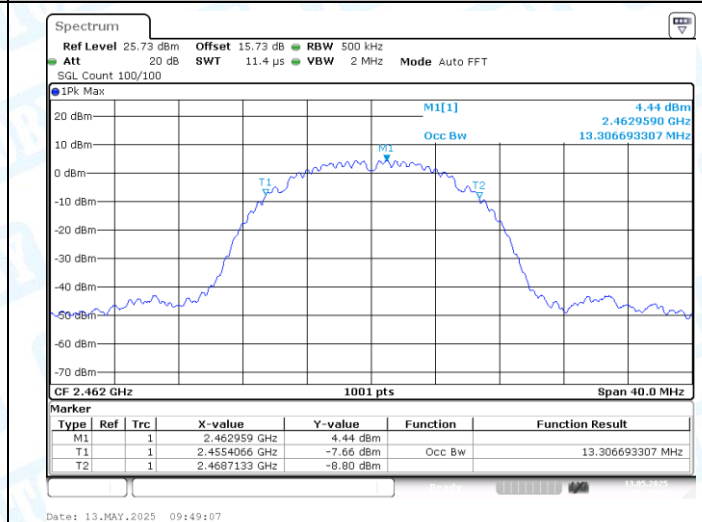
11B-CDD-Ant1-2437



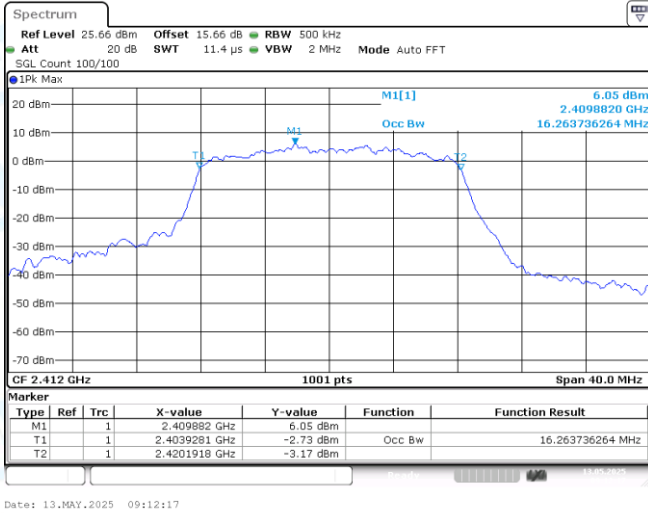
11B-CDD-Ant2-2437



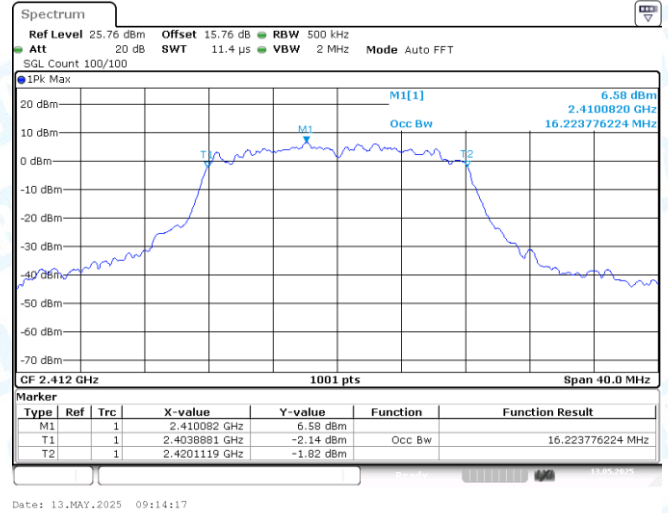
11B-CDD-Ant1-2462



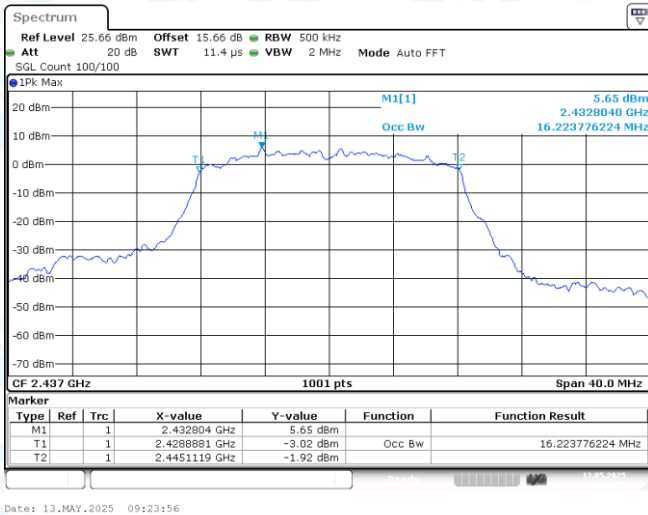
11B-CDD-Ant2-2462



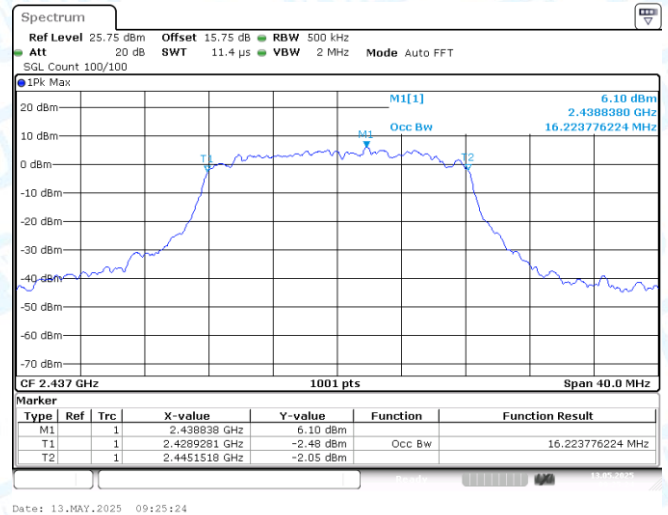
11G-CDD-Ant1-2412



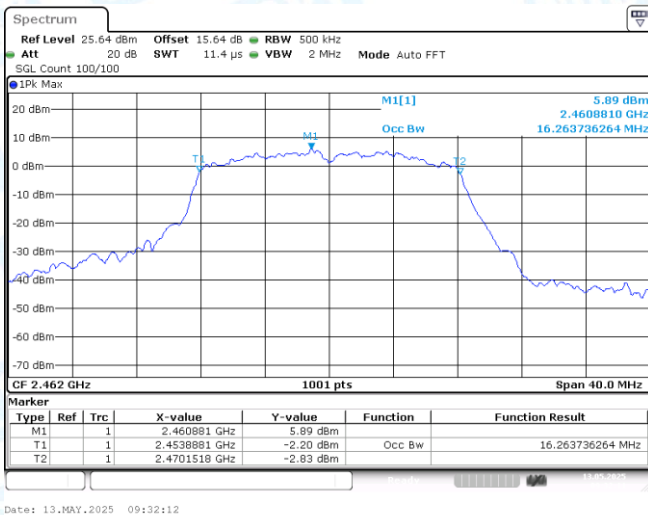
11G-CDD-Ant2-2412



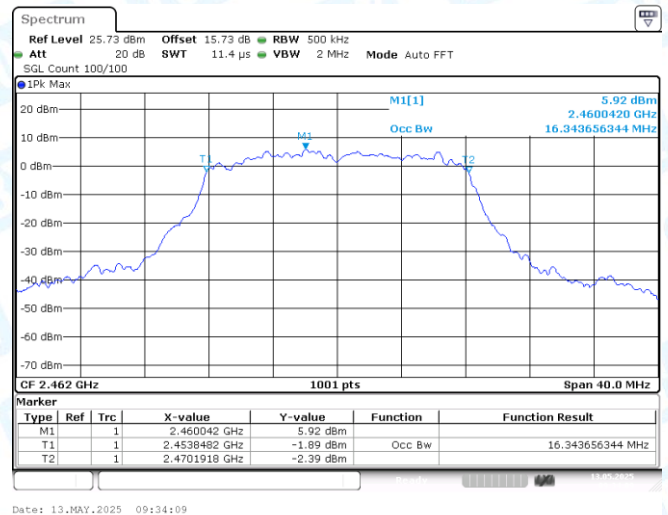
11G-CDD-Ant1-2437



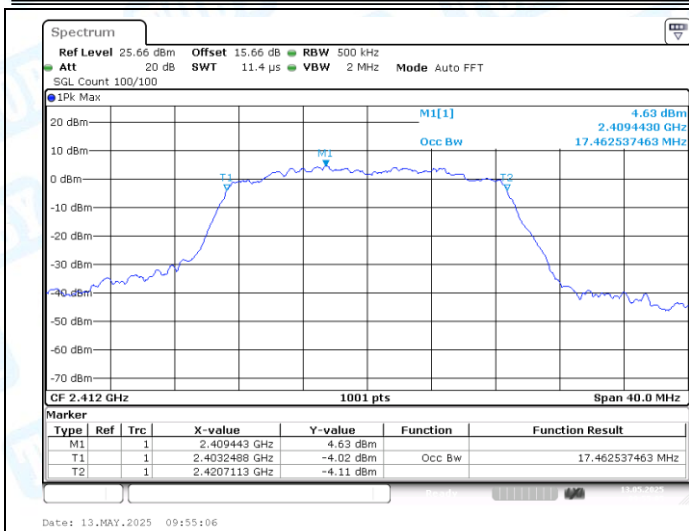
11G-CDD-Ant2-2437



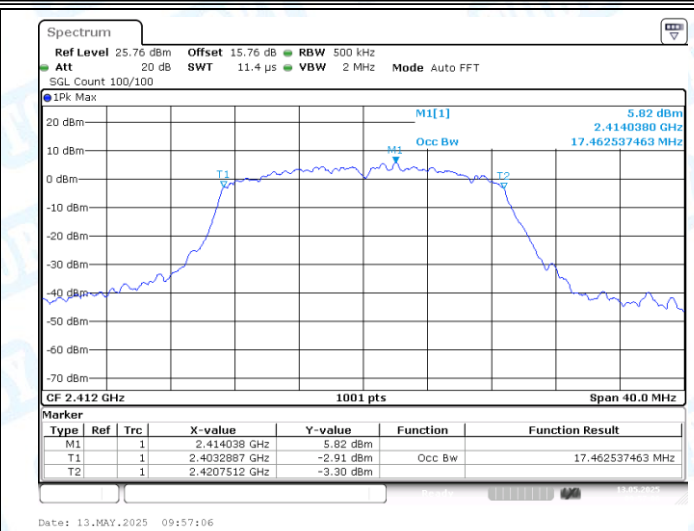
11G-CDD-Ant1-2462



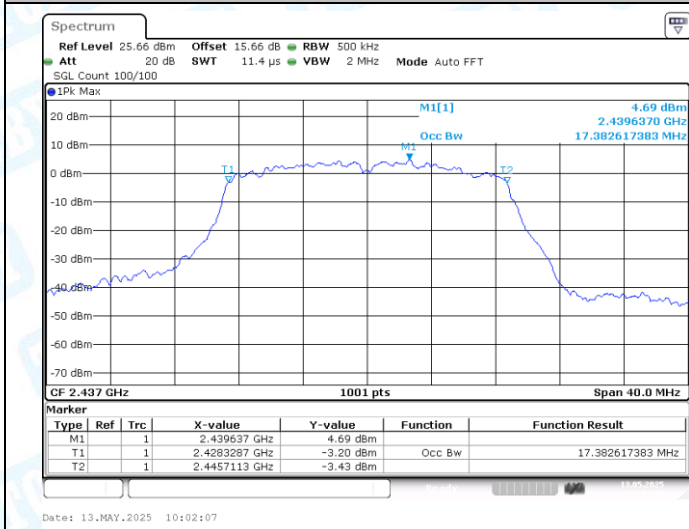
11G-CDD-Ant2-2462



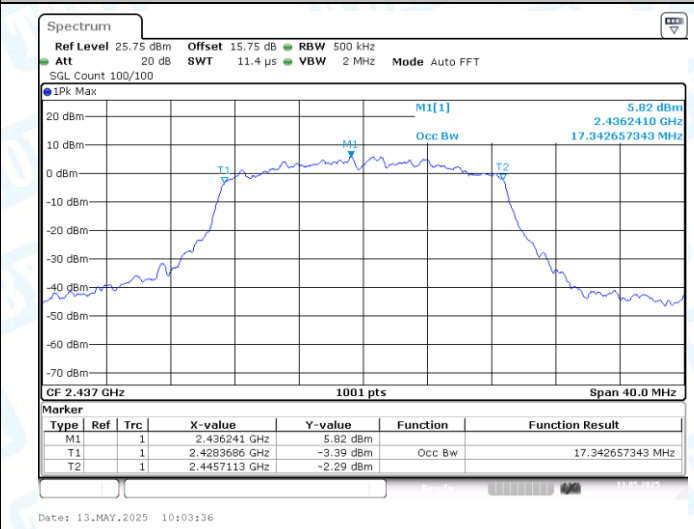
11N20MIMO-Ant1-2412



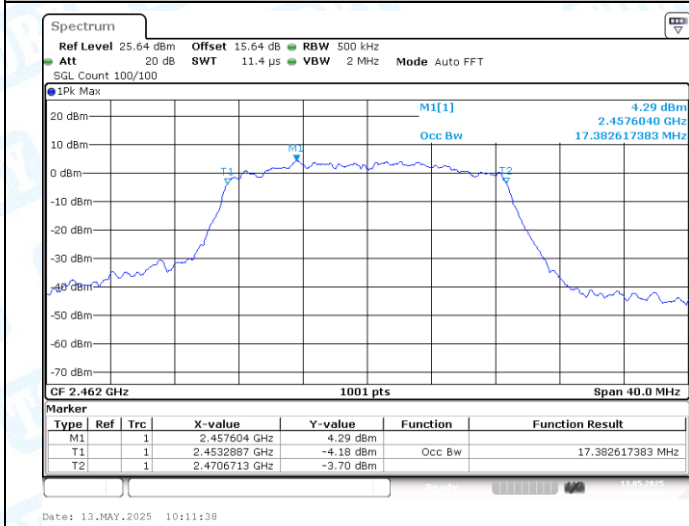
11N20MIMO-Ant2-2412



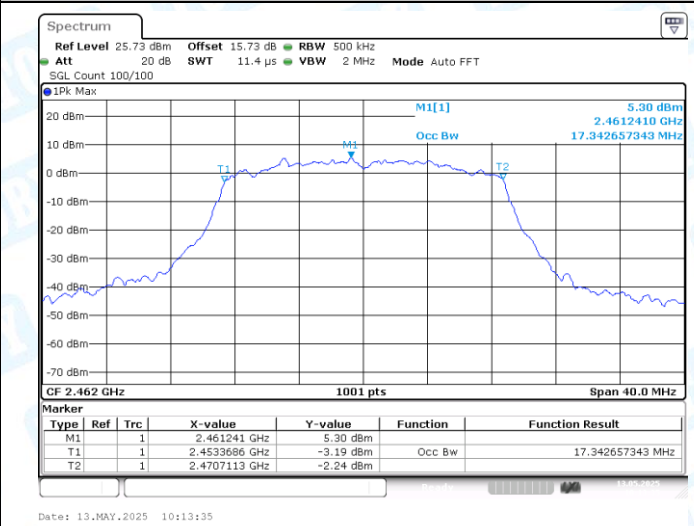
11N20MIMO-Ant1-2437



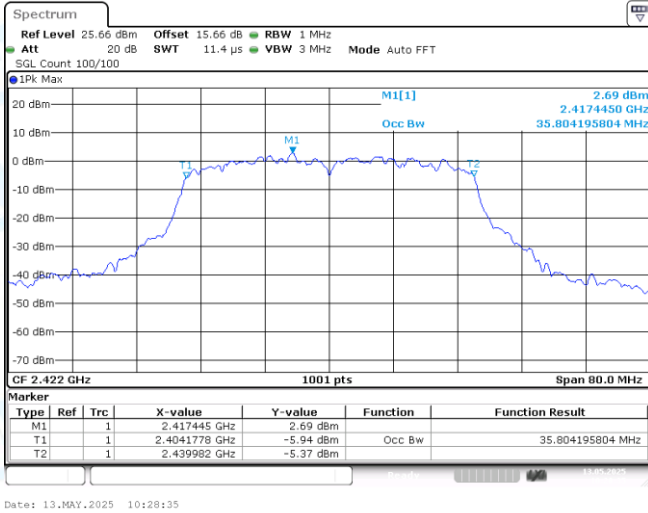
11N20MIMO-Ant2-2437



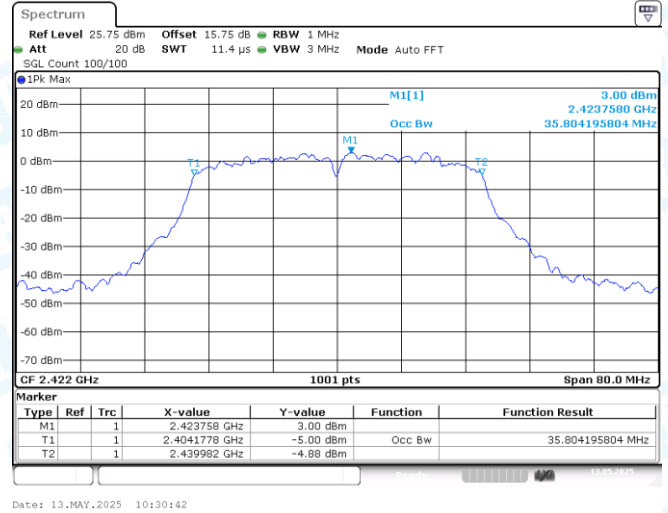
11N20MIMO-Ant1-2462



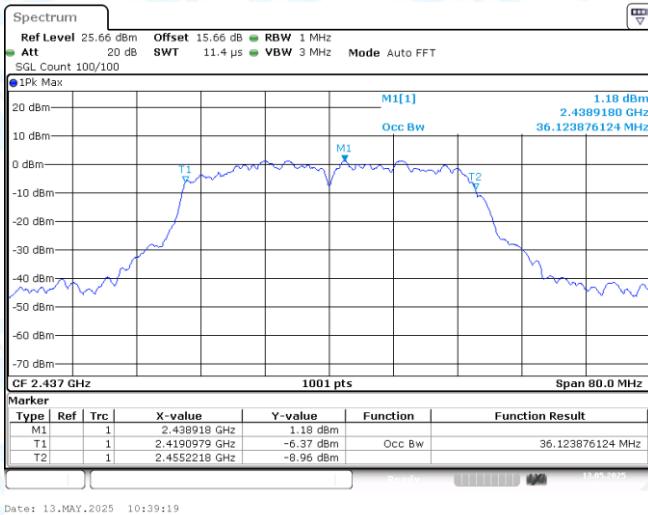
11N20MIMO-Ant2-2462



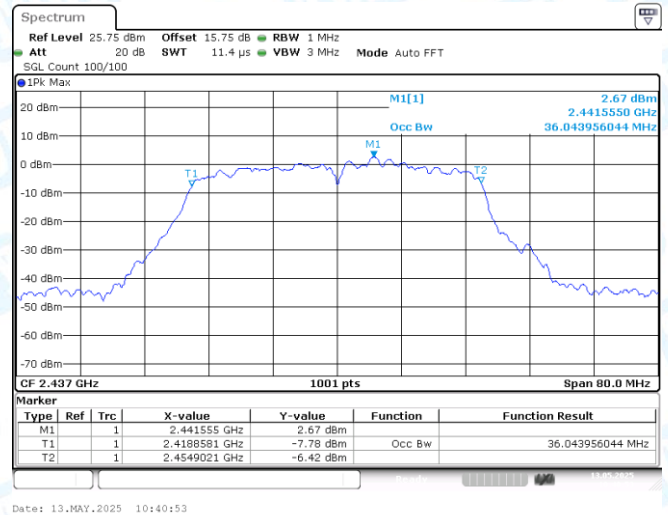
11N40MIMO-Ant1-2422



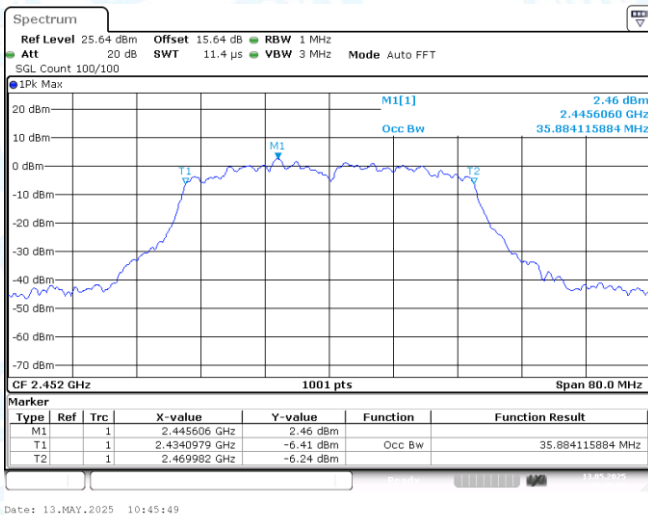
11N40MIMO-Ant2-2422



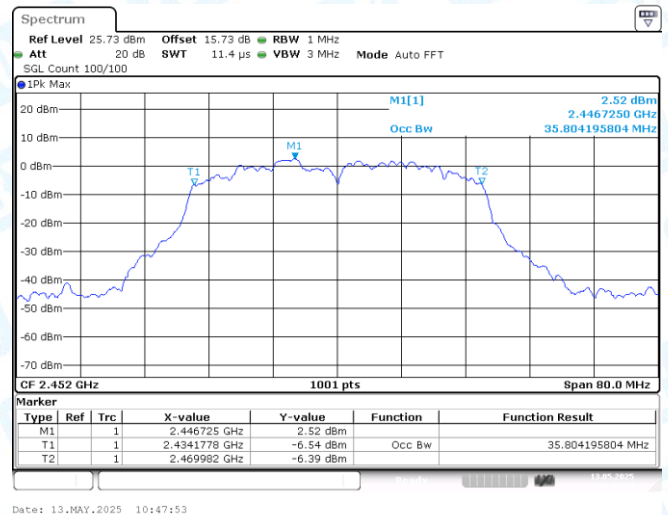
11N40MIMO-Ant1-2437



11N40MIMO-Ant2-2437



11N40MIMO-Ant1-2452



11N40MIMO-Ant2-2452

3: Maximum conducted output power

3.1 Test Result Average

Test Mode	Ant.	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	11.81	≤30.00	PASS
11B-CDD	Ant2	2412	12.00	≤30.00	PASS
11B-CDD	total	2412	14.92	≤30.00	PASS
11B-CDD	Ant1	2437	11.20	≤30.00	PASS
11B-CDD	Ant2	2437	11.68	≤30.00	PASS
11B-CDD	total	2437	14.46	≤30.00	PASS
11B-CDD	Ant1	2462	11.69	≤30.00	PASS
11B-CDD	Ant2	2462	12.04	≤30.00	PASS
11B-CDD	total	2462	14.88	≤30.00	PASS
11G-CDD	Ant1	2412	12.35	≤30.00	PASS
11G-CDD	Ant2	2412	12.62	≤30.00	PASS
11G-CDD	total	2412	15.50	≤30.00	PASS
11G-CDD	Ant1	2437	11.98	≤30.00	PASS
11G-CDD	Ant2	2437	12.28	≤30.00	PASS
11G-CDD	total	2437	15.14	≤30.00	PASS
11G-CDD	Ant2	2462	12.68	≤30.00	PASS
11G-CDD	total	2462	15.63	≤30.00	PASS
11G-CDD	Ant1	2462	12.56	≤30.00	PASS
11N20MIMO	Ant1	2412	11.68	≤30.00	PASS
11N20MIMO	Ant2	2412	12.10	≤30.00	PASS
11N20MIMO	total	2412	14.91	≤30.00	PASS
11N20MIMO	Ant1	2437	11.42	≤30.00	PASS
11N20MIMO	Ant2	2437	11.92	≤30.00	PASS
11N20MIMO	total	2437	14.69	≤30.00	PASS
11N20MIMO	Ant1	2462	11.94	≤30.00	PASS
11N20MIMO	Ant2	2462	12.31	≤30.00	PASS
11N20MIMO	total	2462	15.14	≤30.00	PASS
11N40MIMO	Ant1	2422	7.94	≤30.00	PASS
11N40MIMO	Ant2	2422	9.13	≤30.00	PASS
11N40MIMO	total	2422	11.59	≤30.00	PASS
11N40MIMO	Ant1	2437	7.66	≤30.00	PASS
11N40MIMO	Ant2	2437	8.12	≤30.00	PASS
11N40MIMO	total	2437	10.91	≤30.00	PASS
11N40MIMO	Ant1	2452	7.81	≤30.00	PASS
11N40MIMO	Ant2	2452	8.23	≤30.00	PASS
11N40MIMO	total	2452	11.04	≤30.00	PASS

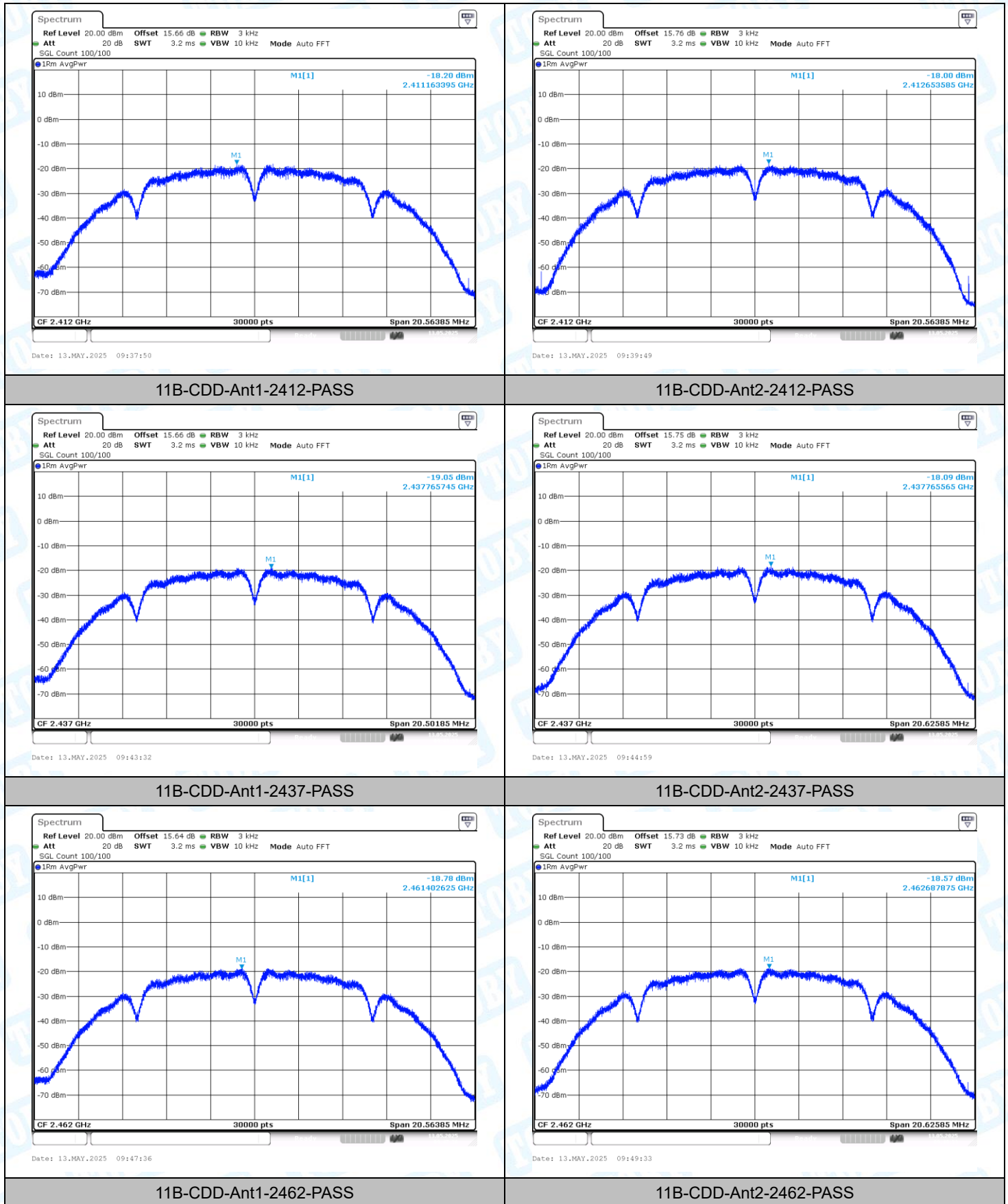
The Duty Cycle Factor is compensated in the graph.

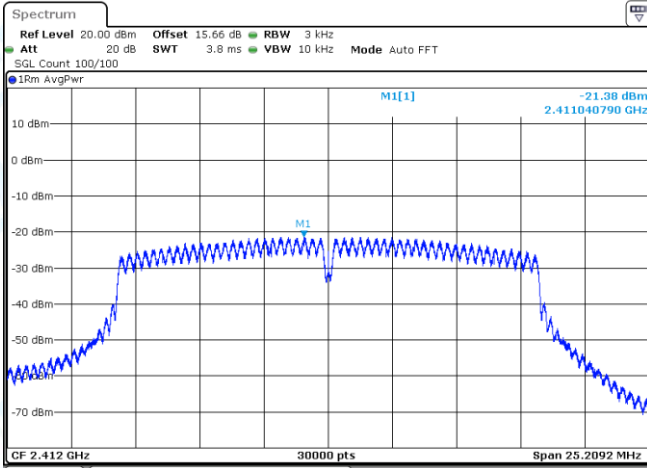
4: Maximum power spectral density

4.1 Test Result

TestMode	Ant.	Frequency[MHz]	RawData [dBm/3kHz]	DC Factory	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-18.2	0.00	-18.20	≤8.00	PASS
11B-CDD	Ant2	2412	-18	0.00	-18.00	≤8.00	PASS
11B-CDD	total	2412	---	---	-15.09	≤8.00	PASS
11B-CDD	Ant1	2437	-19.05	0.00	-19.05	≤8.00	PASS
11B-CDD	Ant2	2437	-18.09	0.00	-18.09	≤8.00	PASS
11B-CDD	total	2437	---	---	-15.53	≤8.00	PASS
11B-CDD	Ant1	2462	-18.78	0.00	-18.78	≤8.00	PASS
11B-CDD	Ant2	2462	-18.57	0.00	-18.57	≤8.00	PASS
11B-CDD	total	2462	---	---	-15.66	≤8.00	PASS
11G-CDD	Ant1	2412	-21.38	0.00	-21.38	≤8.00	PASS
11G-CDD	Ant2	2412	-20.86	0.00	-20.86	≤8.00	PASS
11G-CDD	total	2412	---	---	-18.10	≤8.00	PASS
11G-CDD	Ant1	2437	-21.54	0.00	-21.54	≤8.00	PASS
11G-CDD	Ant2	2437	-21.24	0.00	-21.24	≤8.00	PASS
11G-CDD	total	2437	---	---	-18.38	≤8.00	PASS
11G-CDD	Ant1	2462	-21.13	0.00	-21.13	≤8.00	PASS
11G-CDD	Ant2	2462	-20.67	0.00	-20.67	≤8.00	PASS
11G-CDD	total	2462	---	---	-17.88	≤8.00	PASS
11N20MIMO	Ant1	2412	-21.97	0.00	-21.97	≤8.00	PASS
11N20MIMO	Ant2	2412	-21.42	0.00	-21.42	≤8.00	PASS
11N20MIMO	total	2412	---	---	-18.68	≤8.00	PASS
11N20MIMO	Ant1	2437	-21.92	0.00	-21.92	≤8.00	PASS
11N20MIMO	Ant2	2437	-21.88	0.00	-21.88	≤8.00	PASS
11N20MIMO	total	2437	---	---	-18.89	≤8.00	PASS
11N20MIMO	Ant1	2462	-21.38	0.00	-21.38	≤8.00	PASS
11N20MIMO	Ant2	2462	-21.5	0.00	-21.50	≤8.00	PASS
11N20MIMO	total	2462	---	---	-18.43	≤8.00	PASS
11N40MIMO	Ant1	2422	-27.17	0.00	-27.17	≤8.00	PASS
11N40MIMO	Ant2	2422	-25.64	0.00	-25.64	≤8.00	PASS
11N40MIMO	total	2422	---	---	-23.33	≤8.00	PASS
11N40MIMO	Ant1	2437	-29.48	0.00	-29.48	≤8.00	PASS
11N40MIMO	Ant2	2437	-27.75	0.00	-27.75	≤8.00	PASS
11N40MIMO	total	2437	---	---	-25.52	≤8.00	PASS
11N40MIMO	Ant1	2452	-27.34	0.00	-27.34	≤8.00	PASS
11N40MIMO	Ant2	2452	-25.3	0.00	-25.30	≤8.00	PASS
11N40MIMO	total	2452	---	---	-23.19	≤8.00	PASS

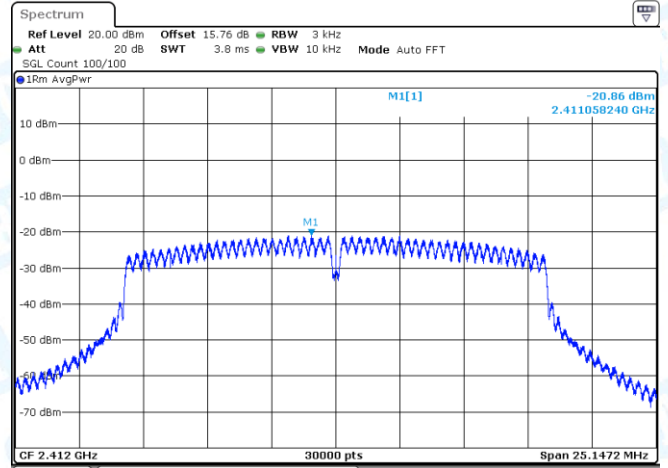
4.2 Test Graphs





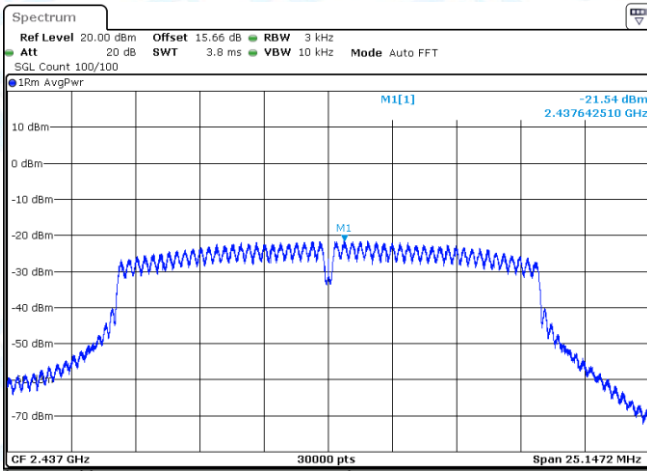
Date: 13.MAY.2025 09:12:44

11G-CDD-Ant1-2412-PASS



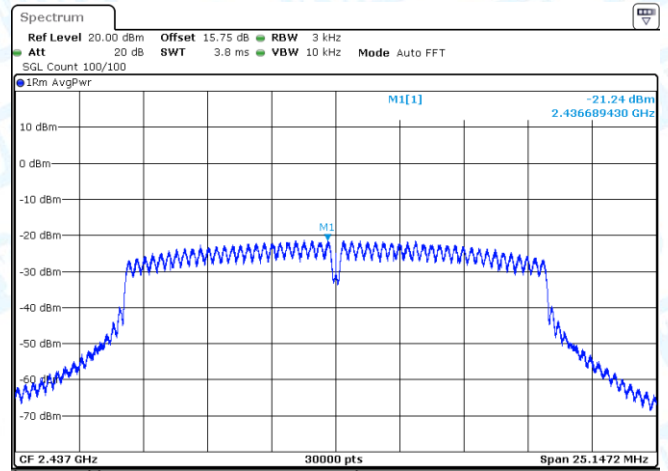
Date: 13.MAY.2025 09:14:45

11G-CDD-Ant2-2412-PASS



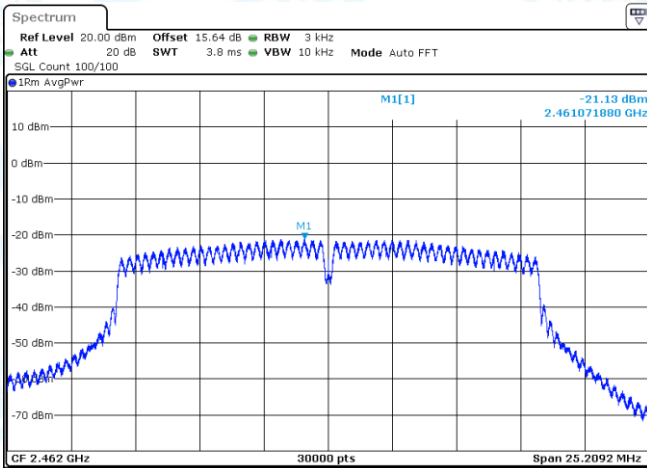
Date: 13.MAY.2025 09:24:22

11G-CDD-Ant1-2437-PASS



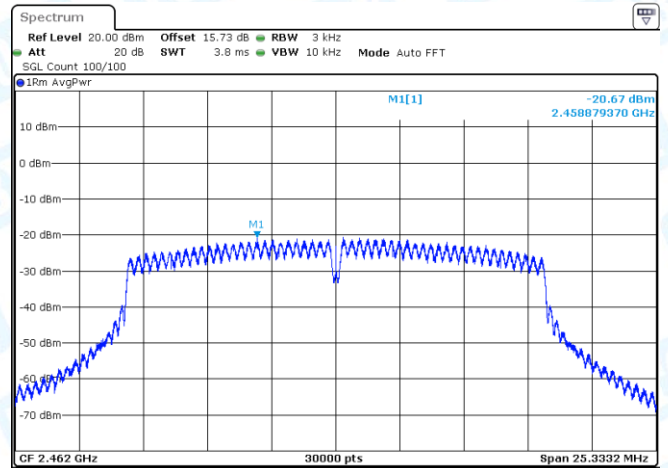
Date: 13.MAY.2025 09:25:51

11G-CDD-Ant2-2437-PASS



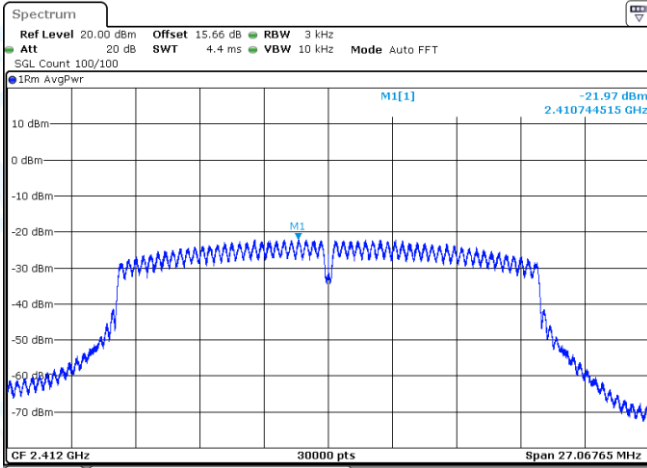
Date: 13.MAY.2025 09:32:38

11G-CDD-Ant1-2462-PASS



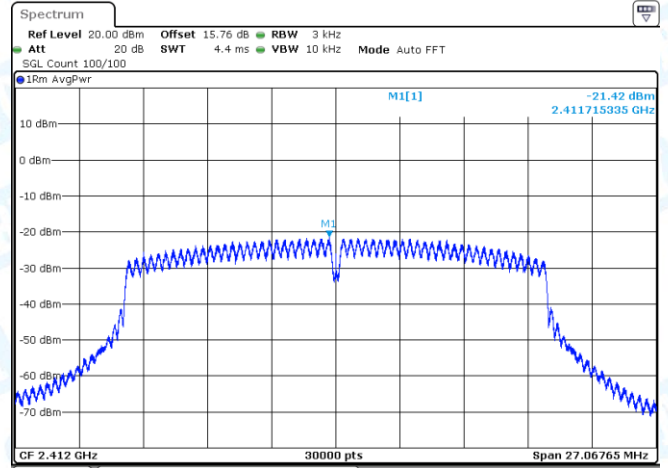
Date: 13.MAY.2025 09:34:36

11G-CDD-Ant2-2462-PASS



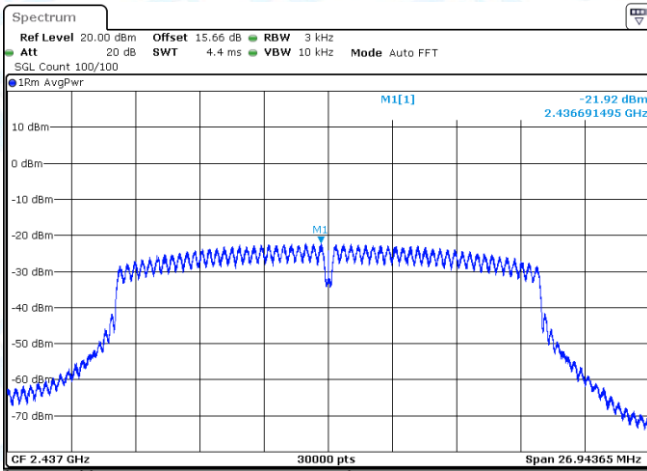
Date: 13.MAY.2025 09:55:33

11N20MIMO-Ant1-2412-PASS



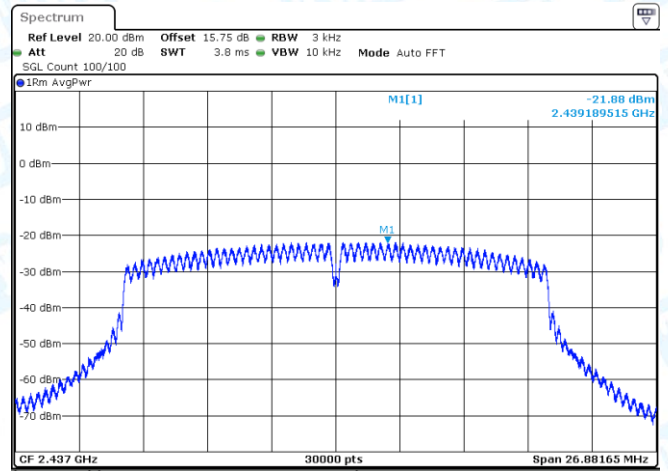
Date: 13.MAY.2025 09:57:34

11N20MIMO-Ant2-2412-PASS



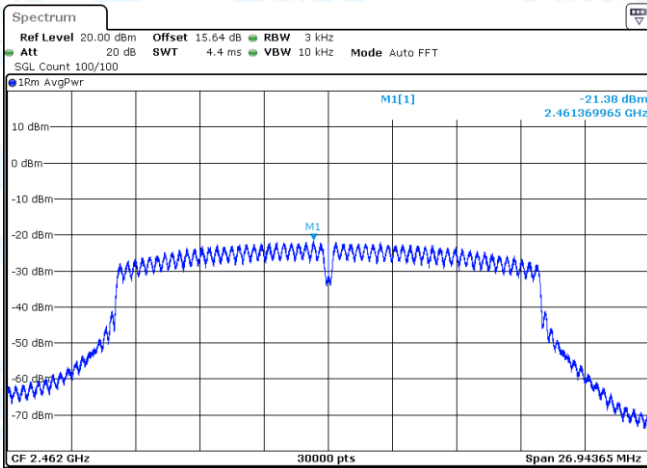
Date: 13.MAY.2025 10:02:34

11N20MIMO-Ant1-2437-PASS



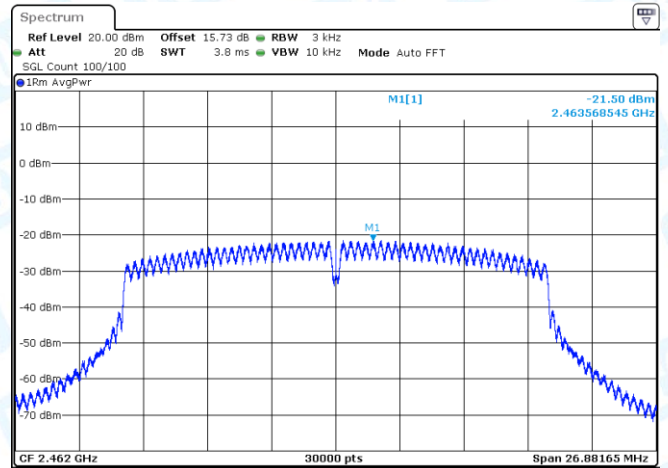
Date: 13.MAY.2025 10:04:03

11N20MIMO-Ant2-2437-PASS



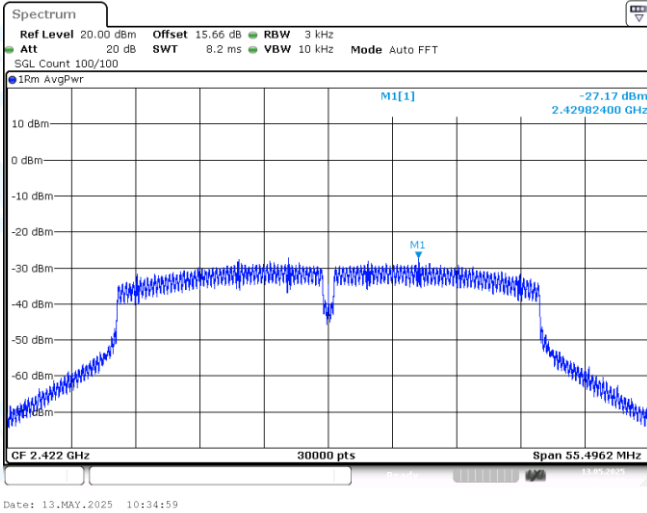
Date: 13.MAY.2025 10:12:05

11N20MIMO-Ant1-2462-PASS

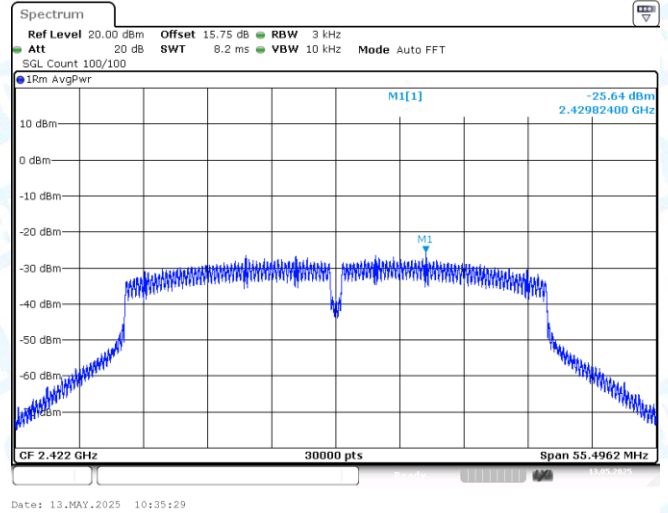


Date: 13.MAY.2025 10:14:03

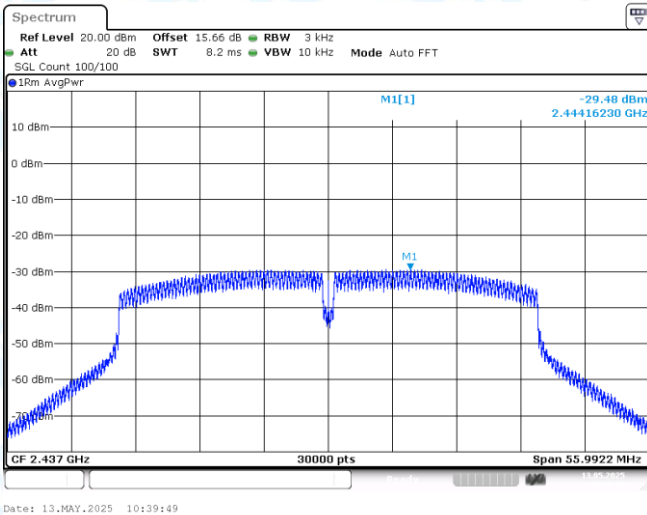
11N20MIMO-Ant2-2462-PASS



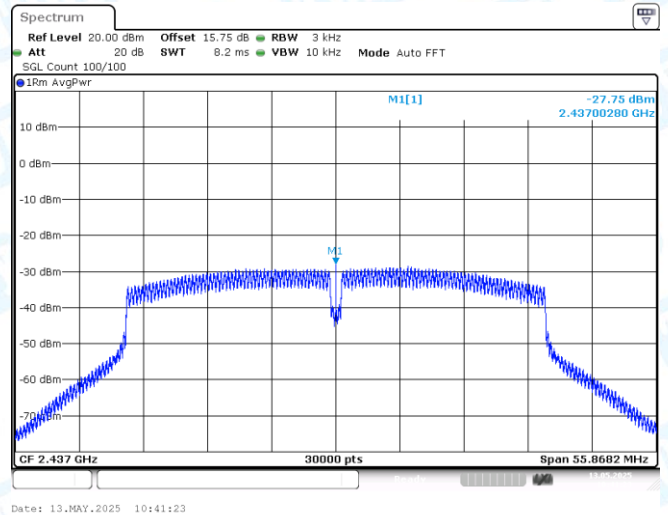
11N40MIMO-Ant1-2422-PASS



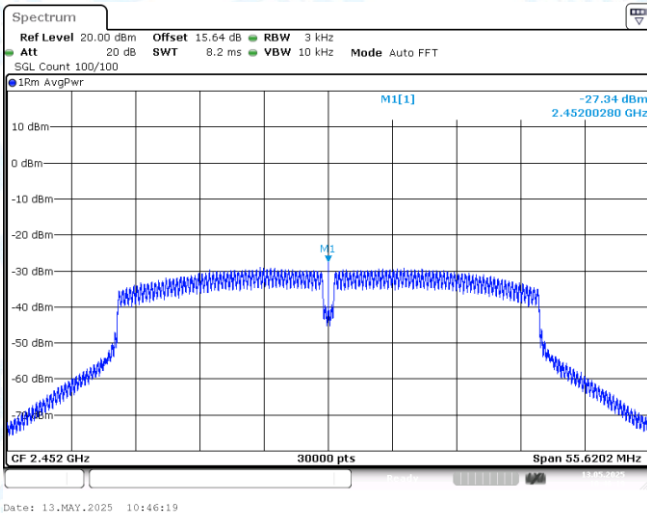
11N40MIMO-Ant2-2422-PASS



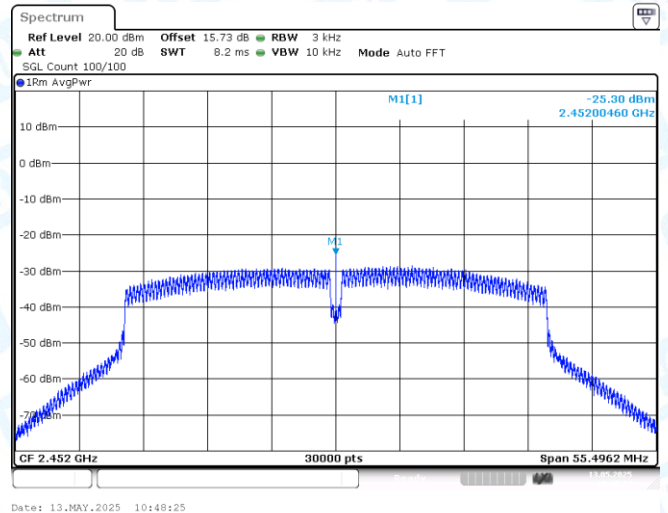
11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



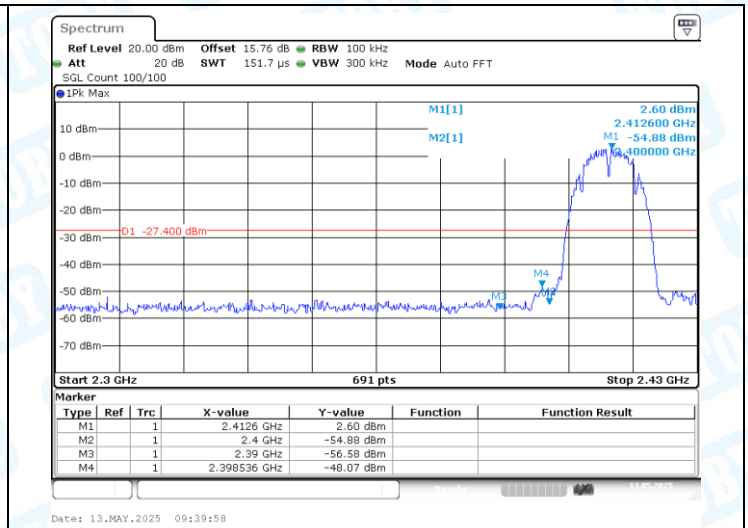
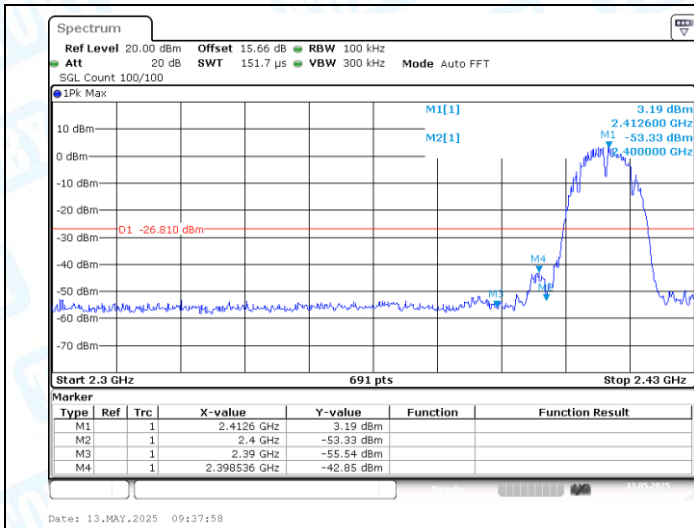
11N40MIMO-Ant2-2452-PASS

5: Band edge measurements

5.1 Test Result

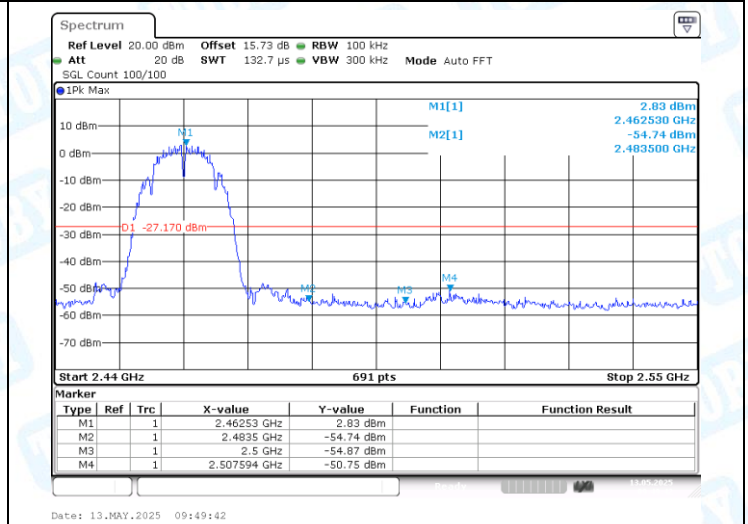
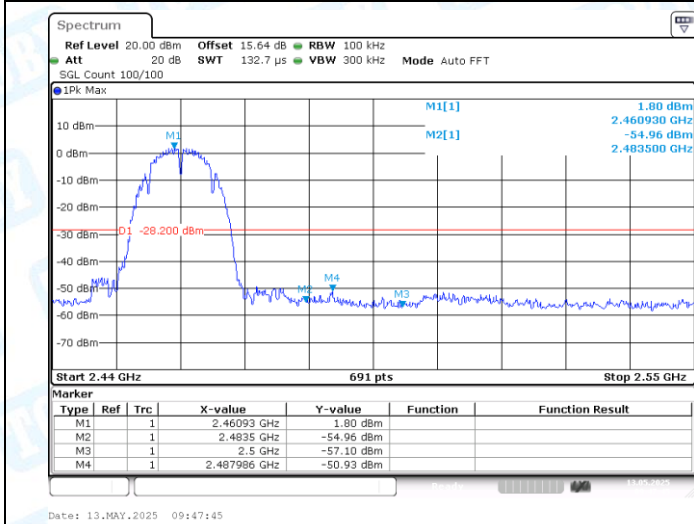
TestMode	Ant.	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	3.19	-42.85	≤-26.81	PASS
11B-CDD	Ant2	Low	2412	2.60	-48.07	≤-27.4	PASS
11B-CDD	Ant1	High	2462	1.80	-50.93	≤-28.2	PASS
11B-CDD	Ant2	High	2462	2.83	-50.75	≤-27.17	PASS
11G-CDD	Ant1	Low	2412	-1.18	-34.29	≤-31.18	PASS
11G-CDD	Ant2	Low	2412	-0.40	-36.04	≤-30.4	PASS
11G-CDD	Ant1	High	2462	-1.12	-49.42	≤-31.12	PASS
11G-CDD	Ant2	High	2462	0.38	-50.75	≤-29.62	PASS
11N20MIMO	Ant1	Low	2412	-2.14	-37.9	≤-32.14	PASS
11N20MIMO	Ant2	Low	2412	-0.73	-39.13	≤-30.73	PASS
11N20MIMO	Ant1	High	2462	-1.78	-50.13	≤-31.78	PASS
11N20MIMO	Ant2	High	2462	-0.89	-50.05	≤-30.89	PASS
11N40MIMO	Ant1	Low	2422	-7.03	-37.32	≤-37.03	PASS
11N40MIMO	Ant2	Low	2422	-4.33	-34.53	≤-34.33	PASS
11N40MIMO	Ant1	High	2452	-8.65	-49.97	≤-38.65	PASS
11N40MIMO	Ant2	High	2452	-8.03	-51.7	≤-38.03	PASS

5.2 Test Graphs



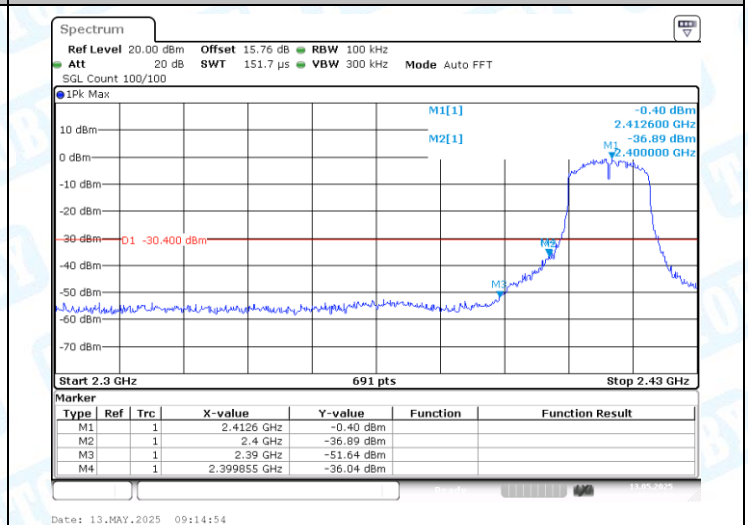
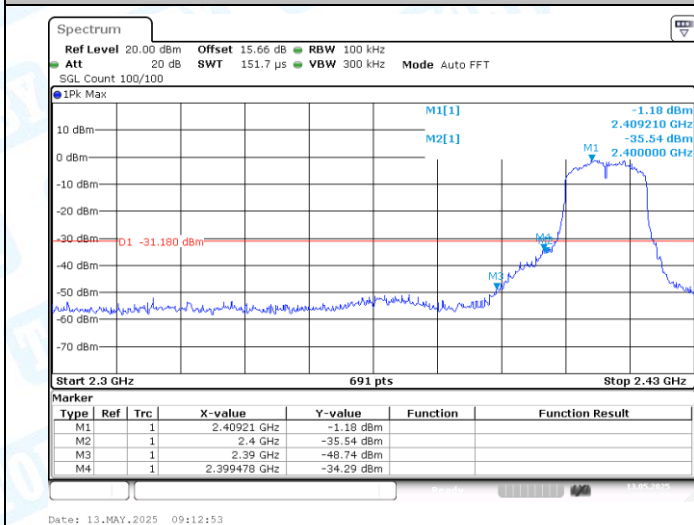
11B-CDD-Ant1-2412-PASS

11B-CDD-Ant2-2412-PASS



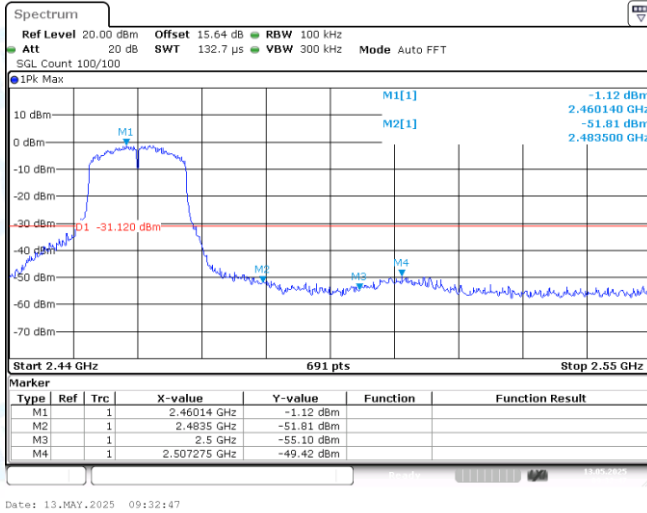
11B-CDD-Ant1-2462-PASS

11B-CDD-Ant2-2462-PASS

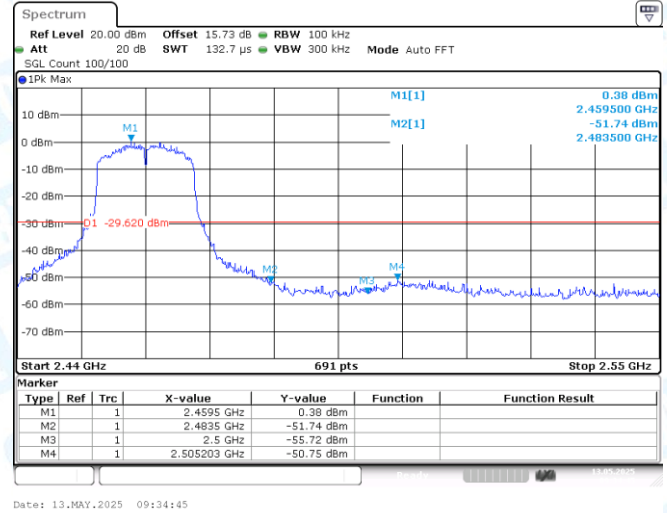


11G-CDD-Ant1-2412-PASS

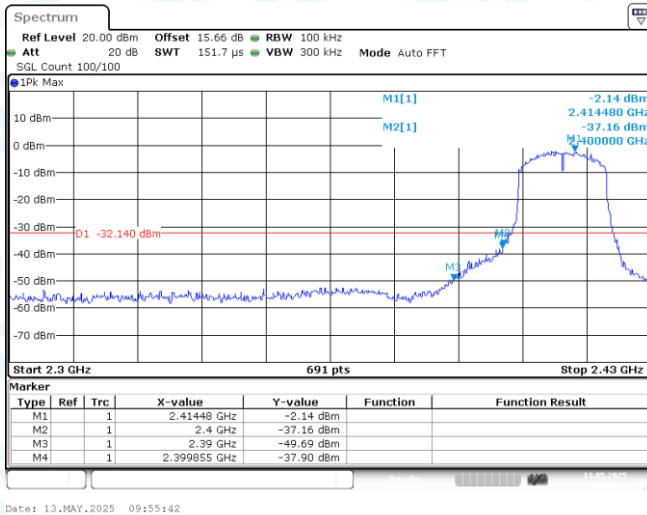
11G-CDD-Ant2-2412-PASS



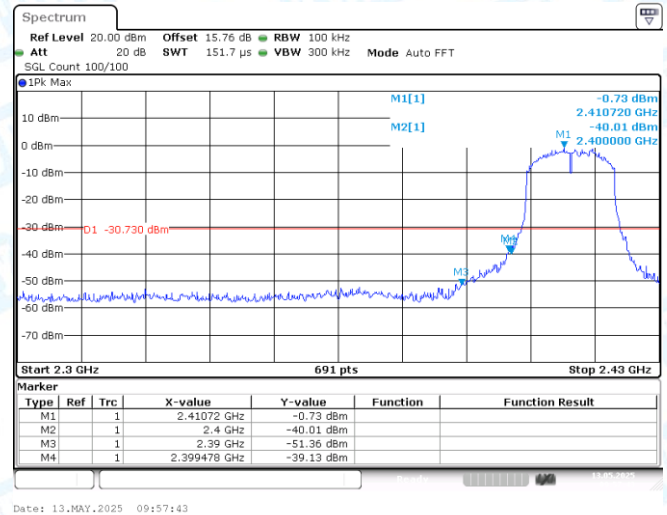
11G-CDD-Ant1-2462-PASS



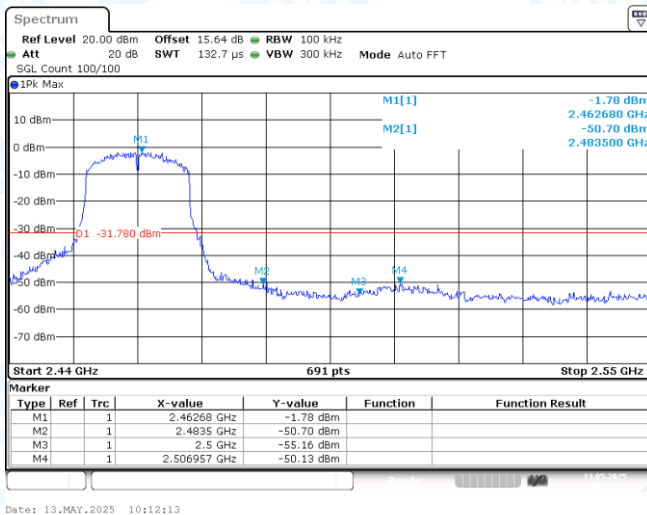
11G-CDD-Ant2-2462-PASS



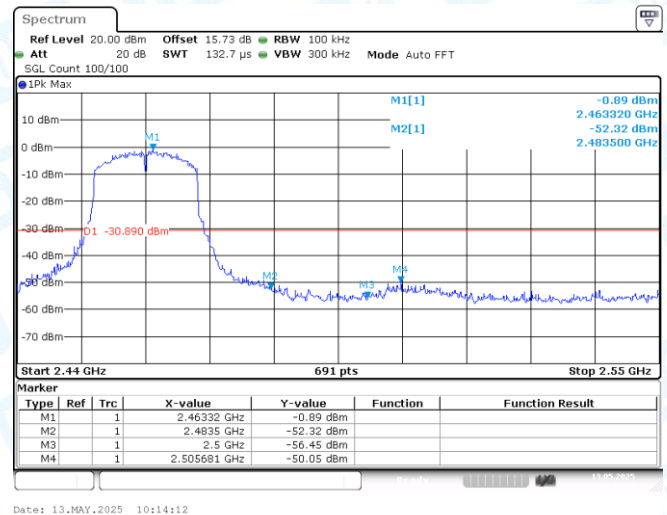
11N20MIMO-Ant1-2412-PASS



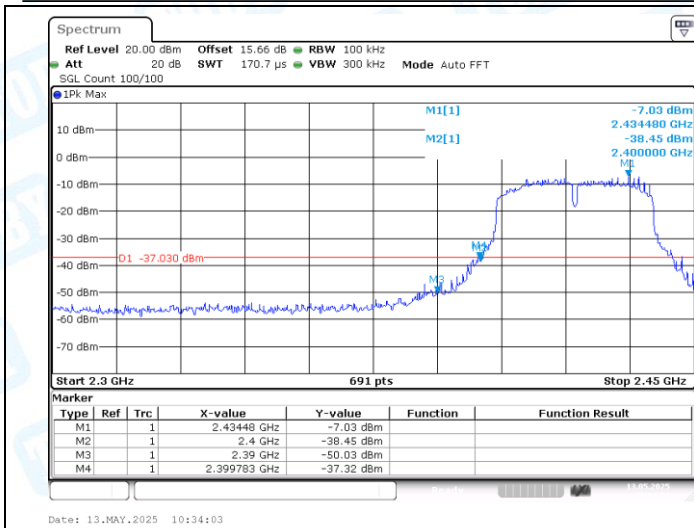
11N20MIMO-Ant2-2412-PASS



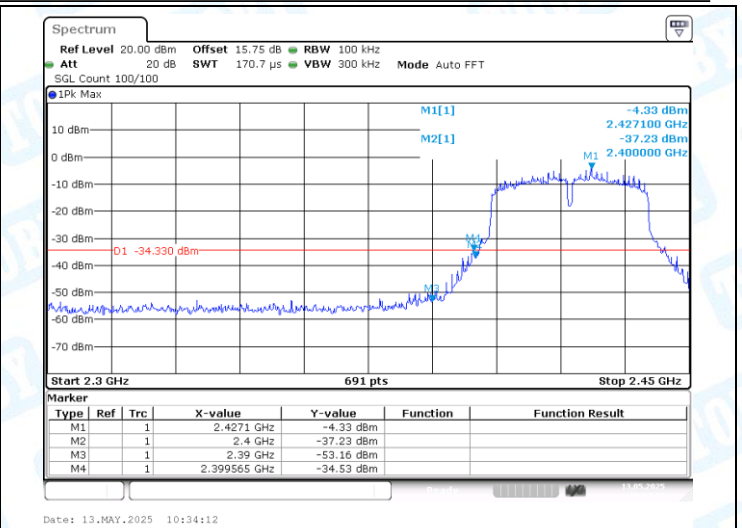
11N20MIMO-Ant1-2462-PASS



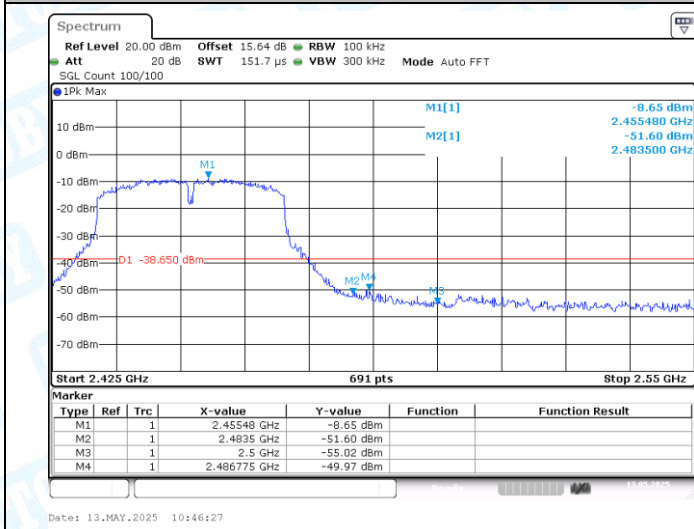
11N20MIMO-Ant2-2462-PASS



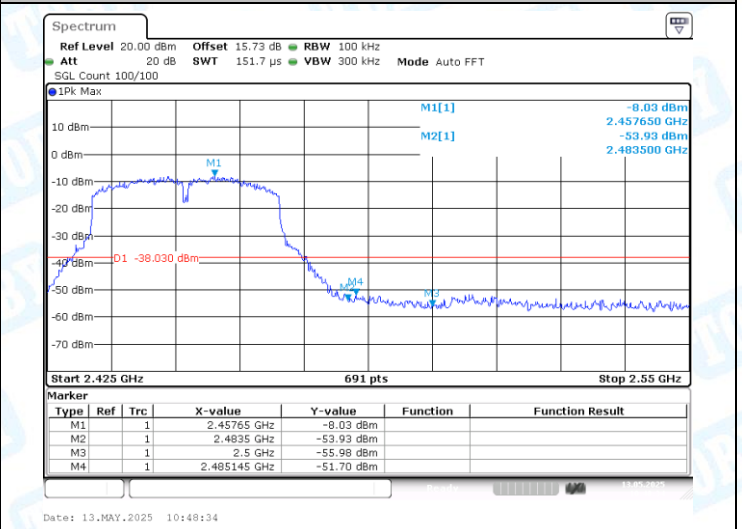
11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS

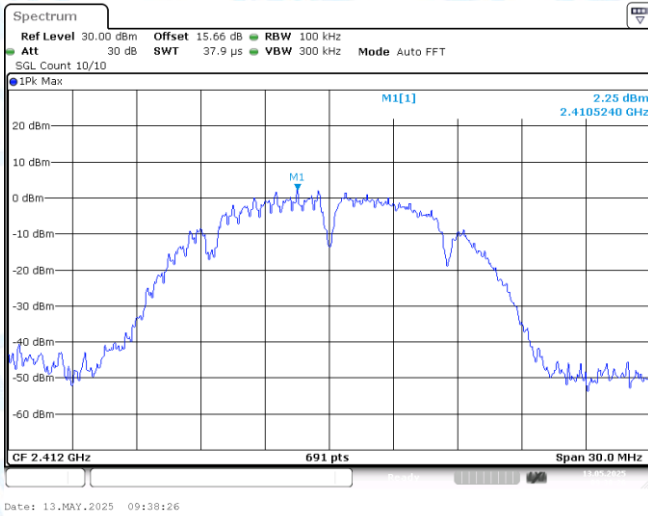
6: Conducted Spurious Emission

6.1 Test Result

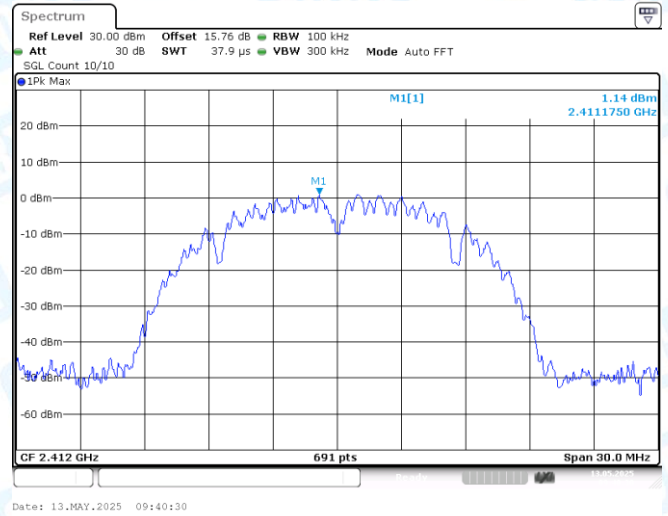
TestMode	Ant.	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	0~Reference	2.25	2.25	---	PASS
11B-CDD	Ant2	2412	0~Reference	1.14	1.14	---	PASS
11B-CDD	Ant1	2412	30~1000	2.25	-42.98	≤-27.75	PASS
11B-CDD	Ant2	2412	30~1000	1.14	-45.93	≤-28.86	PASS
11B-CDD	Ant1	2412	1000~26500	2.25	-46.09	≤-27.75	PASS
11B-CDD	Ant2	2412	1000~26500	1.14	-45.29	≤-28.86	PASS
11B-CDD	Ant1	2437	0~Reference	1.71	1.71	---	PASS
11B-CDD	Ant2	2437	0~Reference	0.99	0.99	---	PASS
11B-CDD	Ant1	2437	30~1000	1.71	-42.5	≤-28.29	PASS
11B-CDD	Ant2	2437	30~1000	0.99	-46.73	≤-29.01	PASS
11B-CDD	Ant1	2437	1000~26500	1.71	-45.78	≤-28.29	PASS
11B-CDD	Ant2	2437	1000~26500	0.99	-45.55	≤-29.01	PASS
11B-CDD	Ant1	2462	0~Reference	-0.01	-0.01	---	PASS
11B-CDD	Ant2	2462	0~Reference	0.51	0.51	---	PASS
11B-CDD	Ant1	2462	30~1000	-0.01	-42.35	≤-30.01	PASS
11B-CDD	Ant2	2462	30~1000	0.51	-47.09	≤-29.49	PASS
11B-CDD	Ant1	2462	1000~26500	-0.01	-46.14	≤-30.01	PASS
11B-CDD	Ant2	2462	1000~26500	0.51	-45.3	≤-29.49	PASS
11G-CDD	Ant1	2412	0~Reference	-1.72	-1.72	---	PASS
11G-CDD	Ant2	2412	0~Reference	-1.59	-1.59	---	PASS
11G-CDD	Ant1	2412	30~1000	-1.72	-42.68	≤-31.72	PASS
11G-CDD	Ant2	2412	30~1000	-1.59	-47.71	≤-31.59	PASS
11G-CDD	Ant1	2412	1000~26500	-1.72	-46.06	≤-31.72	PASS
11G-CDD	Ant2	2412	1000~26500	-1.59	-45.76	≤-31.59	PASS
11G-CDD	Ant1	2437	0~Reference	-2.28	-2.28	---	PASS
11G-CDD	Ant2	2437	0~Reference	-1.40	-1.40	---	PASS
11G-CDD	Ant1	2437	30~1000	-2.28	-42.73	≤-32.28	PASS
11G-CDD	Ant2	2437	30~1000	-1.40	-47.08	≤-31.4	PASS
11G-CDD	Ant1	2437	1000~26500	-2.28	-45.97	≤-32.28	PASS
11G-CDD	Ant2	2437	1000~26500	-1.40	-45.94	≤-31.4	PASS
11G-CDD	Ant1	2462	0~Reference	-1.51	-1.51	---	PASS
11G-CDD	Ant2	2462	0~Reference	-1.99	-1.99	---	PASS
11G-CDD	Ant2	2462	30~1000	-1.99	-46.34	≤-31.99	PASS
11G-CDD	Ant1	2462	30~1000	-1.51	-42.74	≤-31.51	PASS
11G-CDD	Ant1	2462	1000~26500	-1.51	-45.36	≤-31.51	PASS
11G-CDD	Ant2	2462	1000~26500	-1.99	-45.74	≤-31.99	PASS
11N20MIMO	Ant1	2412	0~Reference	-2.45	-2.45	---	PASS
11N20MIMO	Ant2	2412	0~Reference	-2.40	-2.40	---	PASS
11N20MIMO	Ant1	2412	30~1000	-2.45	-42.66	≤-32.45	PASS
11N20MIMO	Ant2	2412	30~1000	-2.40	-46.91	≤-32.4	PASS

11N20MIMO	Ant1	2412	1000~26500	-2.45	-45.67	≤-32.45	PASS
11N20MIMO	Ant2	2412	1000~26500	-2.40	-45.86	≤-32.4	PASS
11N20MIMO	Ant1	2437	0~Reference	-2.25	-2.25	---	PASS
11N20MIMO	Ant2	2437	0~Reference	-1.97	-1.97	---	PASS
11N20MIMO	Ant1	2437	30~1000	-2.25	-42.73	≤-32.25	PASS
11N20MIMO	Ant2	2437	30~1000	-1.97	-46.38	≤-31.97	PASS
11N20MIMO	Ant1	2437	1000~26500	-2.25	-46.08	≤-32.25	PASS
11N20MIMO	Ant2	2437	1000~26500	-1.97	-45.29	≤-31.97	PASS
11N20MIMO	Ant1	2462	0~Reference	-2.20	-2.20	---	PASS
11N20MIMO	Ant2	2462	0~Reference	-1.45	-1.45	---	PASS
11N20MIMO	Ant1	2462	30~1000	-2.20	-42.05	≤-32.2	PASS
11N20MIMO	Ant2	2462	30~1000	-1.45	-47.62	≤-31.45	PASS
11N20MIMO	Ant1	2462	1000~26500	-2.20	-45.36	≤-32.2	PASS
11N20MIMO	Ant2	2462	1000~26500	-1.45	-45.59	≤-31.45	PASS
11N40MIMO	Ant2	2422	0~Reference	-7.82	-7.82	---	PASS
11N40MIMO	Ant1	2422	0~Reference	-8.70	-8.70	---	PASS
11N40MIMO	Ant2	2422	30~1000	-7.82	-46.44	≤-37.82	PASS
11N40MIMO	Ant1	2422	30~1000	-8.70	-43.3	≤-38.7	PASS
11N40MIMO	Ant1	2422	1000~26500	-8.70	-45.98	≤-38.7	PASS
11N40MIMO	Ant2	2422	1000~26500	-7.82	-45.76	≤-37.82	PASS
11N40MIMO	Ant1	2437	0~Reference	-9.99	-9.99	---	PASS
11N40MIMO	Ant2	2437	0~Reference	-9.40	-9.40	---	PASS
11N40MIMO	Ant1	2437	30~1000	-9.99	-42.47	≤-39.99	PASS
11N40MIMO	Ant2	2437	30~1000	-9.40	-47.82	≤-39.4	PASS
11N40MIMO	Ant1	2437	1000~26500	-9.99	-45.69	≤-39.99	PASS
11N40MIMO	Ant2	2437	1000~26500	-9.40	-44.84	≤-39.4	PASS
11N40MIMO	Ant1	2452	0~Reference	-9.18	-9.18	---	PASS
11N40MIMO	Ant2	2452	0~Reference	-8.82	-8.82	---	PASS
11N40MIMO	Ant1	2452	30~1000	-9.18	-42.7	≤-39.18	PASS
11N40MIMO	Ant2	2452	30~1000	-8.82	-47.93	≤-38.82	PASS
11N40MIMO	Ant1	2452	1000~26500	-9.18	-45.38	≤-39.18	PASS
11N40MIMO	Ant2	2452	1000~26500	-8.82	-45.83	≤-38.82	PASS

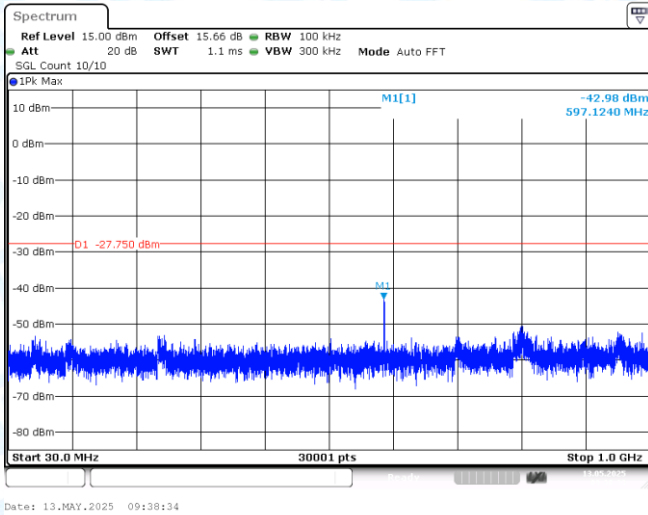
6.2 Test Graphs



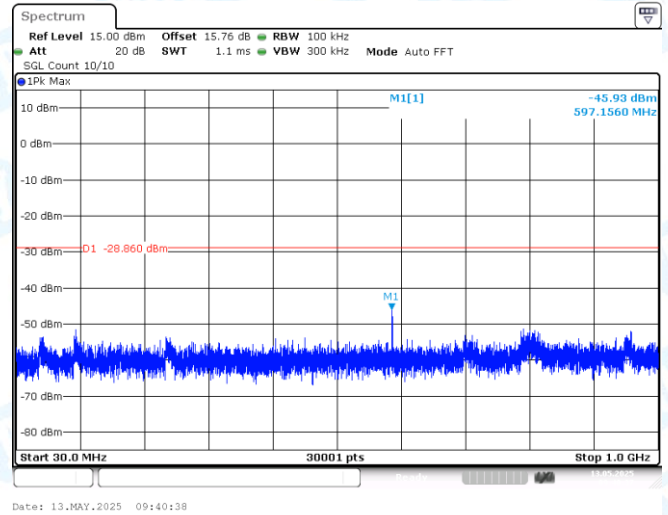
11B-CDD-Ant1-2412-0~Reference-PASS



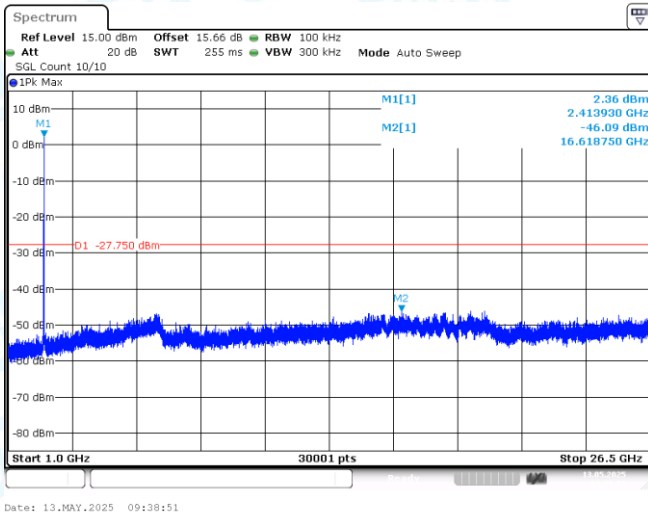
11B-CDD-Ant2-2412-0~Reference-PASS



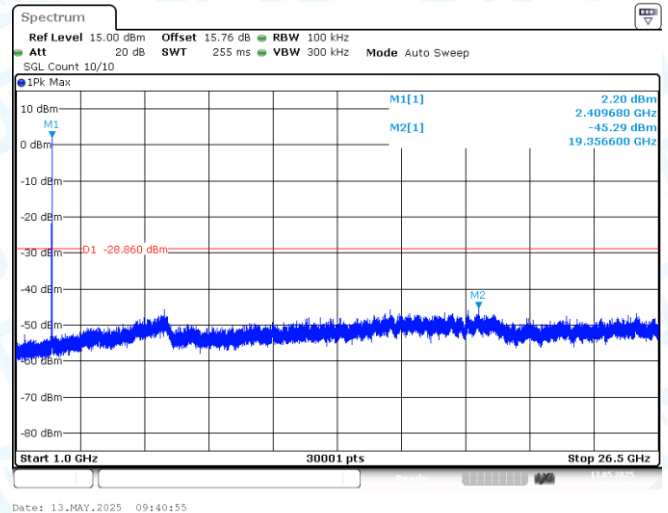
11B-CDD-Ant1-2412-30~1000-PASS



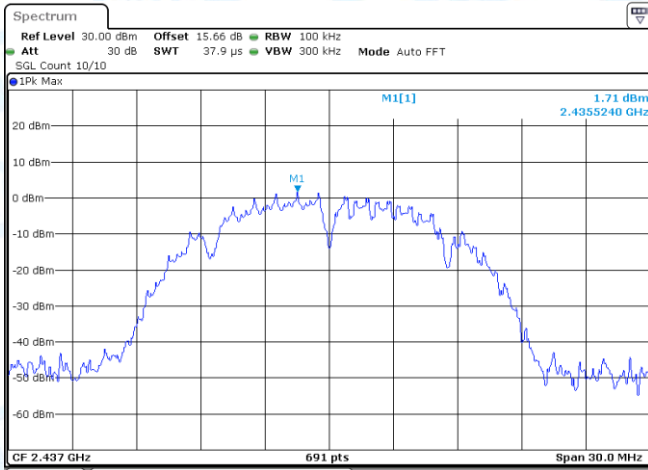
11B-CDD-Ant2-2412-30~1000-PASS



11B-CDD-Ant1-2412-1000~26500-PASS

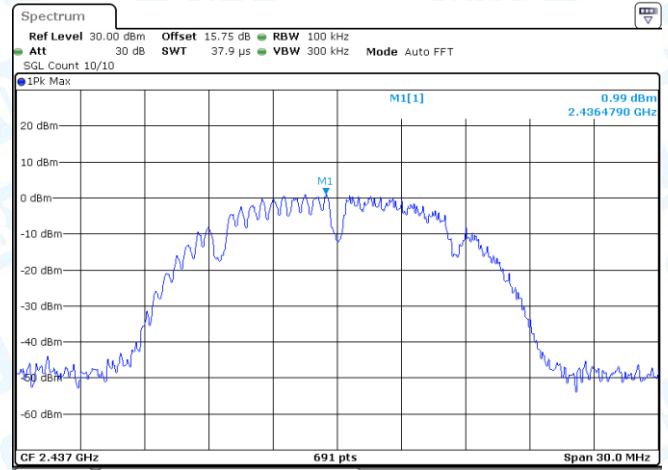


11B-CDD-Ant2-2412-1000~26500-PASS



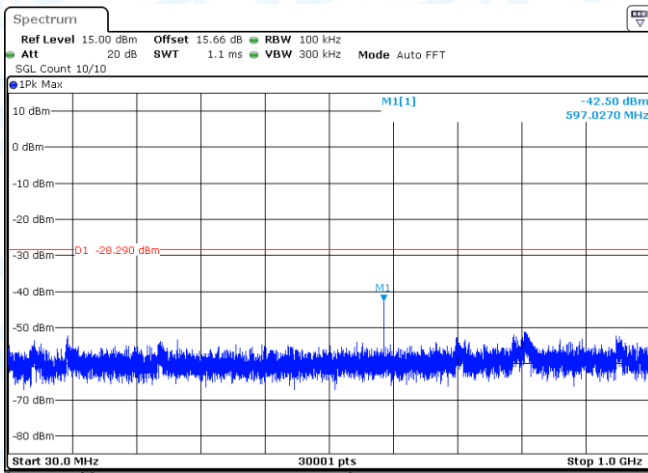
Date: 13.MAY.2025 09:43:37

11B-CDD-Ant1-2437-0~Reference-PASS



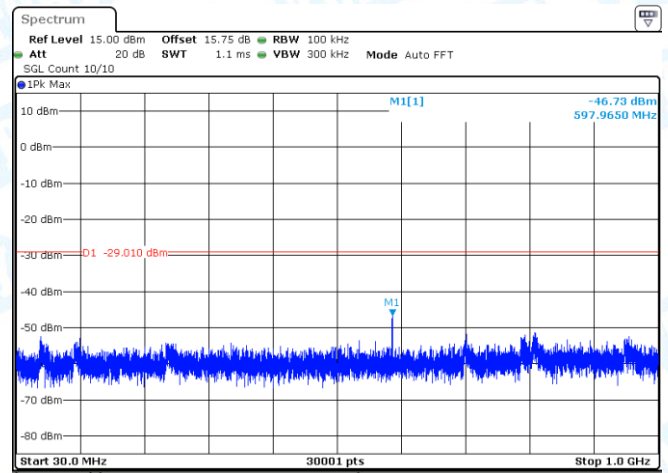
Date: 13.MAY.2025 09:45:04

11B-CDD-Ant2-2437-0~Reference-PASS



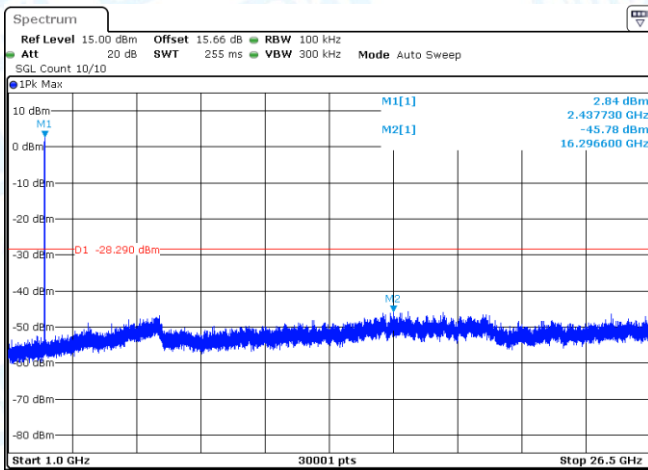
Date: 13.MAY.2025 09:43:45

11B-CDD-Ant1-2437-30~1000-PASS



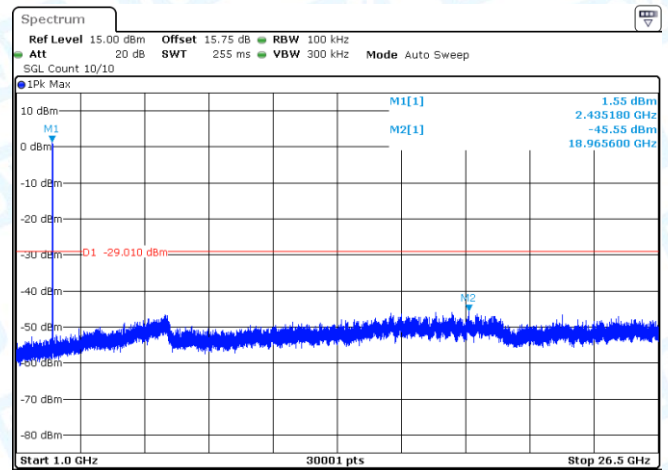
Date: 13.MAY.2025 09:45:12

11B-CDD-Ant2-2437-30~1000-PASS



Date: 13.MAY.2025 09:44:02

11B-CDD-Ant1-2437-1000~26500-PASS



Date: 13.MAY.2025 09:45:29

11B-CDD-Ant2-2437-1000~26500-PASS