

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

General Description of EUT	
EUT Name:	TV BOX
Model:	GD2
Sample ID:	HC-C-202408-0094-02-01
Test Standard:	FCC Part 15.247
Environmental Conditions	
Ambient Temperature:	25.2℃
Ambient Humidity:	47.1%RH
Test Power Supply:	DC 12V
Test Engineer:	Mike Yan
Note: For a more detailed features description, please refer to the report TBR-C-202408-0094-12	

Contents

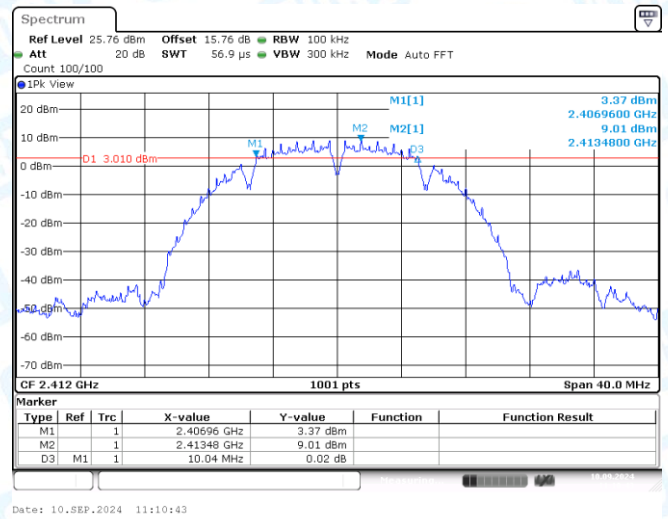
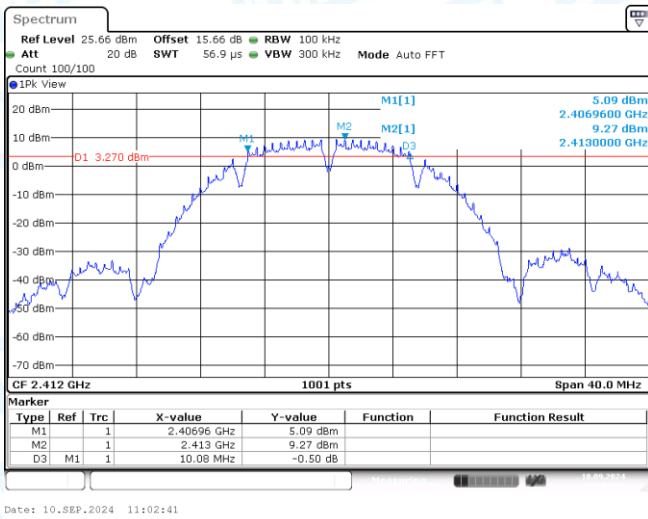
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1: DTS Bandwidth

1.1 Test Result

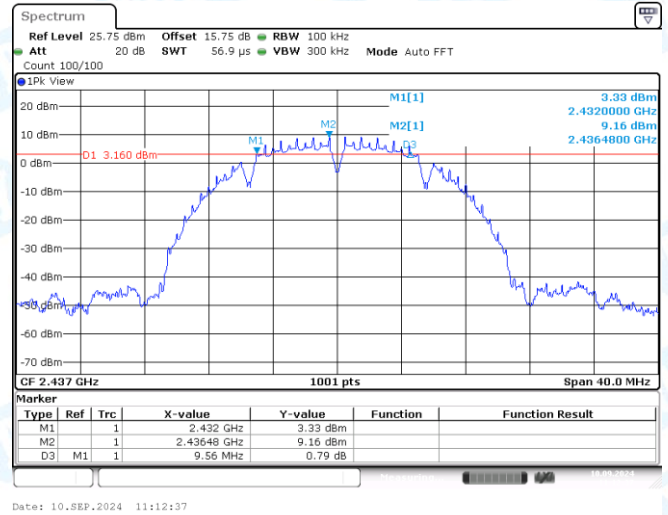
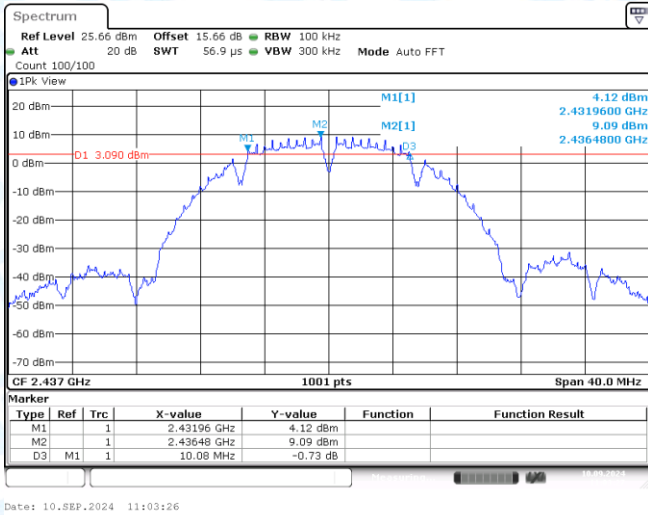
TestMode	Ant.	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.08	2406.96	2417.04	0.5	PASS
11B	Ant2	2412	10.04	2406.96	2417.00	0.5	PASS
11B	Ant1	2437	10.08	2431.96	2442.04	0.5	PASS
11B	Ant2	2437	9.56	2432.00	2441.56	0.5	PASS
11B	Ant1	2462	10.04	2456.96	2467.00	0.5	PASS
11B	Ant2	2462	10.08	2456.96	2467.04	0.5	PASS
11G	Ant1	2412	15.32	2404.24	2419.56	0.5	PASS
11G	Ant2	2412	15.08	2404.48	2419.56	0.5	PASS
11G	Ant1	2437	16.36	2428.80	2445.16	0.5	PASS
11G	Ant2	2437	16.36	2428.80	2445.16	0.5	PASS
11G	Ant1	2462	16.36	2453.80	2470.16	0.5	PASS
11G	Ant2	2462	15.56	2454.20	2469.76	0.5	PASS
11N20MIMO	Ant1	2412	15.92	2404.48	2420.40	0.5	PASS
11N20MIMO	Ant2	2412	17.60	2403.20	2420.80	0.5	PASS
11N20MIMO	Ant1	2437	15.40	2429.12	2444.52	0.5	PASS
11N20MIMO	Ant2	2437	17.60	2428.20	2445.80	0.5	PASS
11N20MIMO	Ant1	2462	17.56	2453.20	2470.76	0.5	PASS
11N20MIMO	Ant2	2462	17.04	2453.48	2470.52	0.5	PASS
11N40MIMO	Ant1	2422	36.32	2403.84	2440.16	0.5	PASS
11N40MIMO	Ant2	2422	36.32	2403.84	2440.16	0.5	PASS
11N40MIMO	Ant1	2437	35.52	2419.24	2454.76	0.5	PASS
11N40MIMO	Ant2	2437	35.76	2418.84	2454.60	0.5	PASS
11N40MIMO	Ant1	2452	35.52	2434.08	2469.60	0.5	PASS
11N40MIMO	Ant2	2452	36.32	2433.84	2470.16	0.5	PASS

1.2 Test Graphs



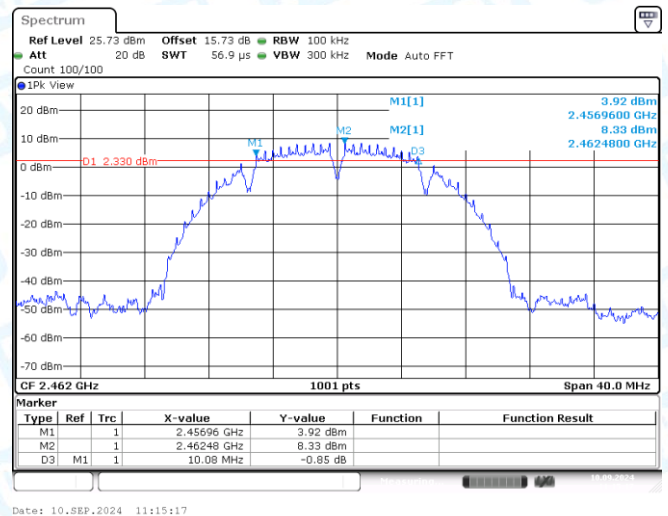
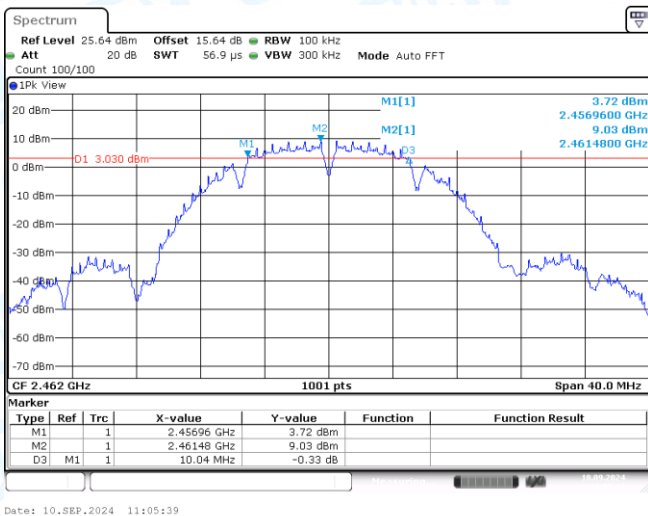
11B-Ant1-2412-PASS

11B-Ant2-2412-PASS



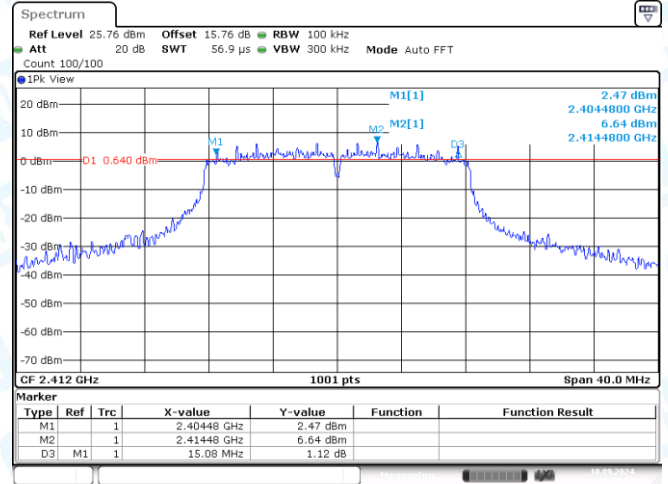
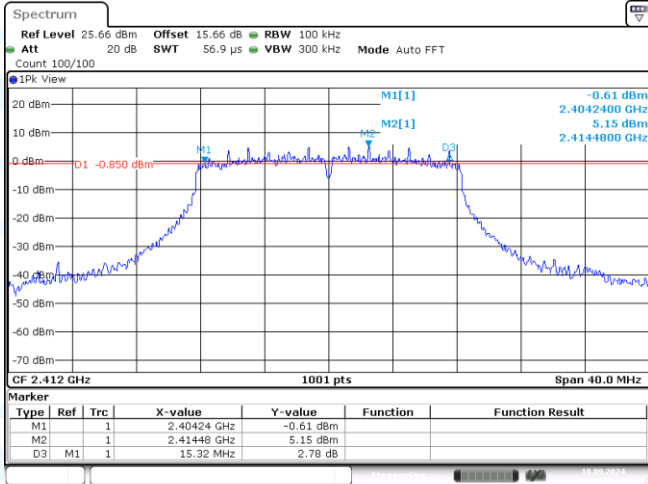
11B-Ant1-2437-PASS

11B-Ant2-2437-PASS



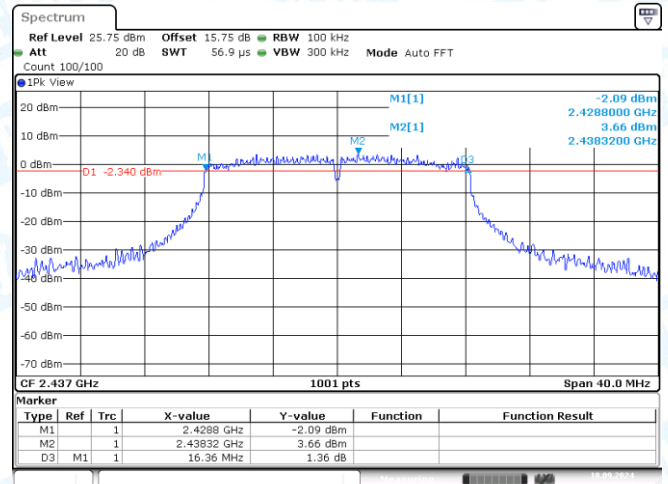
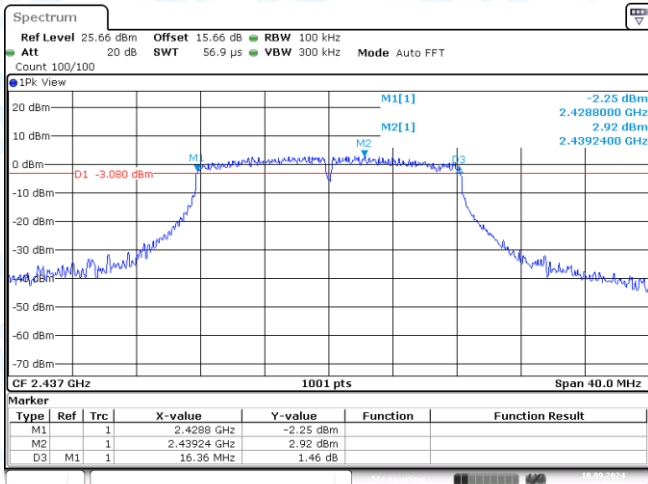
11B-Ant1-2462-PASS

11B-Ant2-2462-PASS



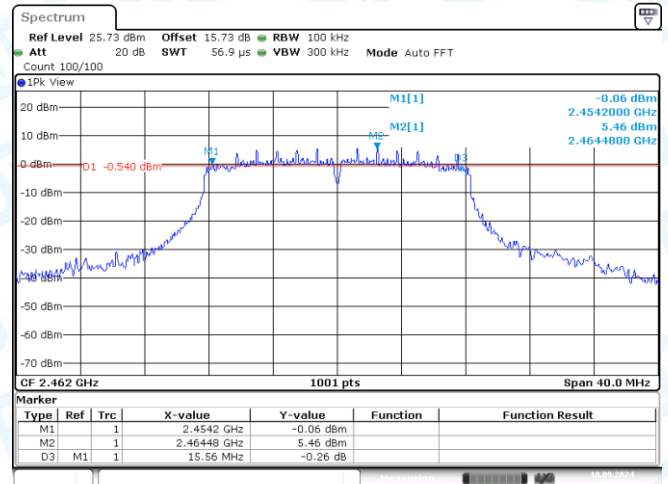
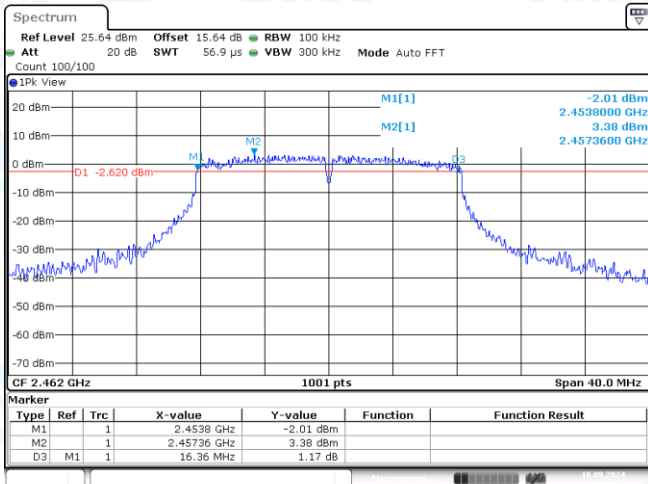
11G-Ant1-2412-PASS

11G-Ant2-2412-PASS



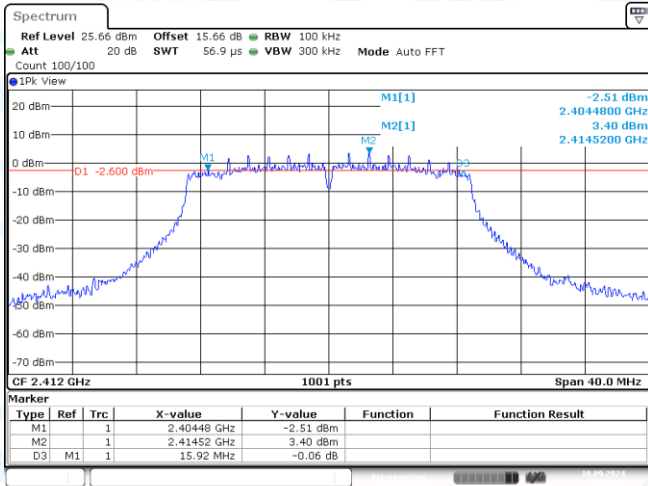
11G-Ant1-2437-PASS

11G-Ant2-2437-PASS

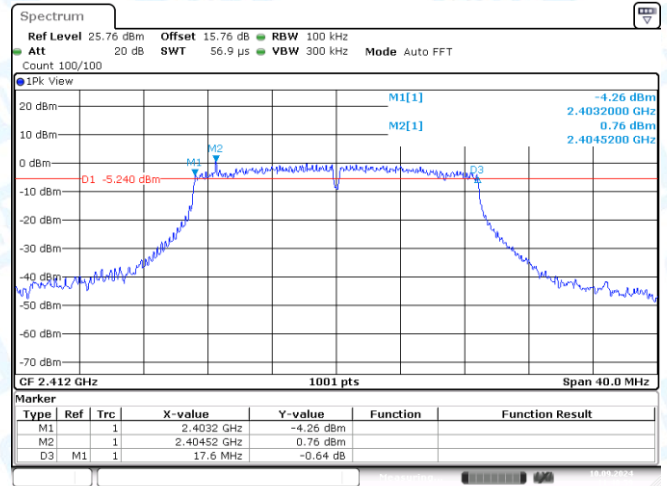


11G-Ant1-2462-PASS

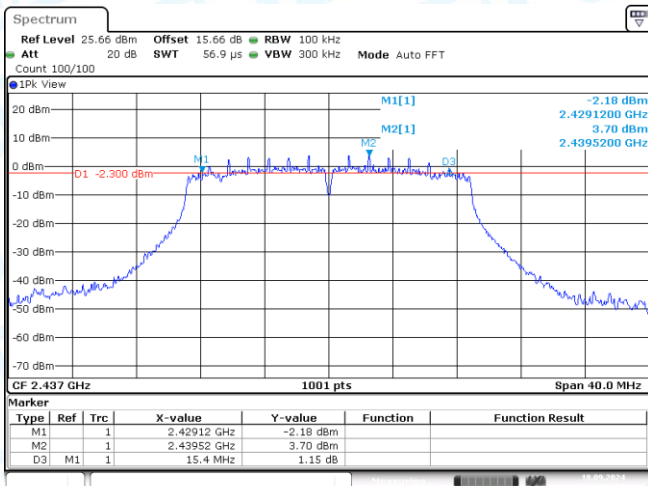
11G-Ant2-2462-PASS



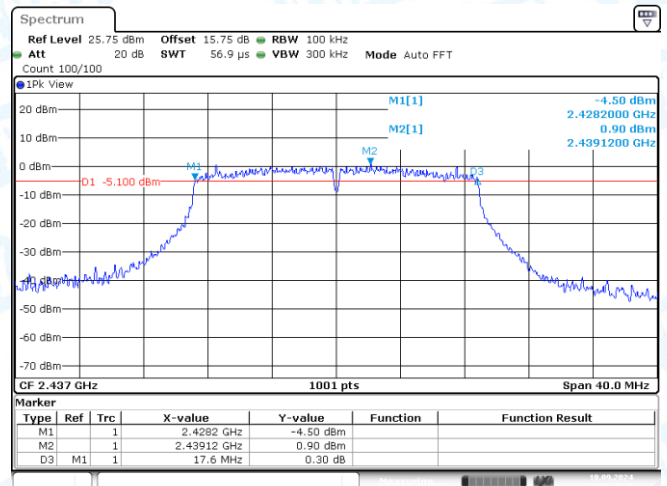
11N20MIMO-Ant1-2412-PASS



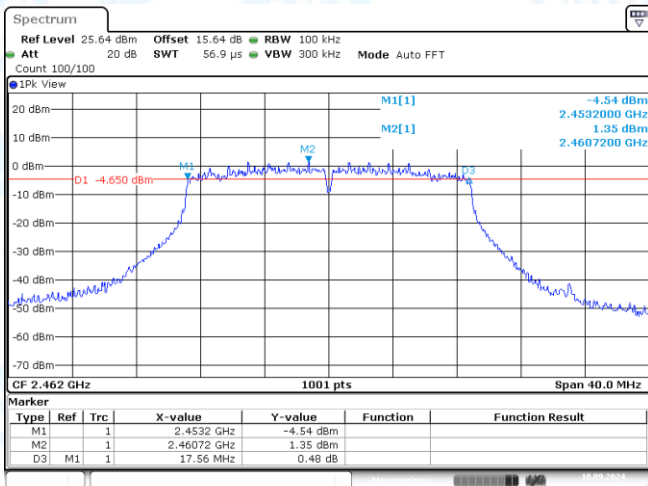
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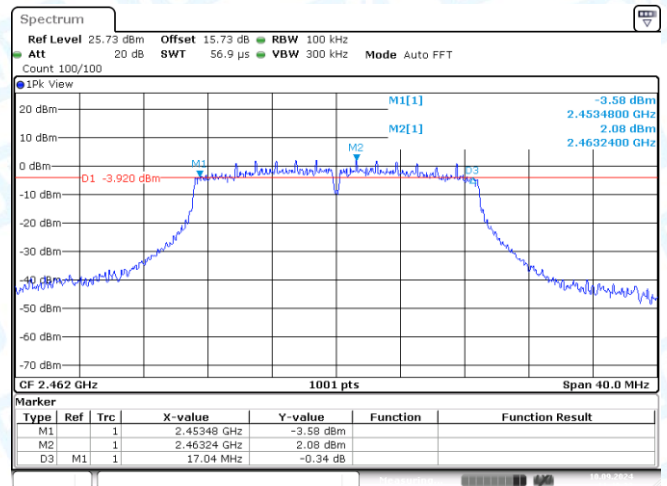
11N20MIMO-Ant1-2437-PASS



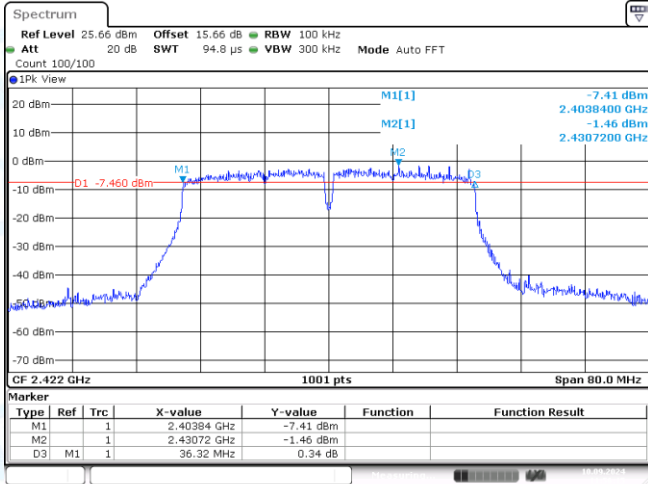
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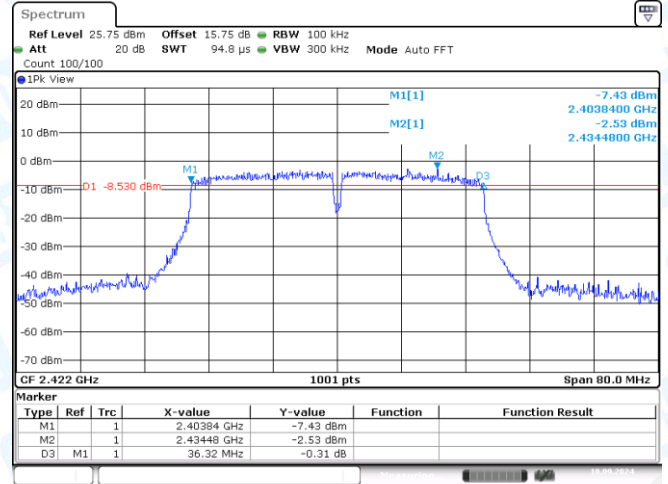
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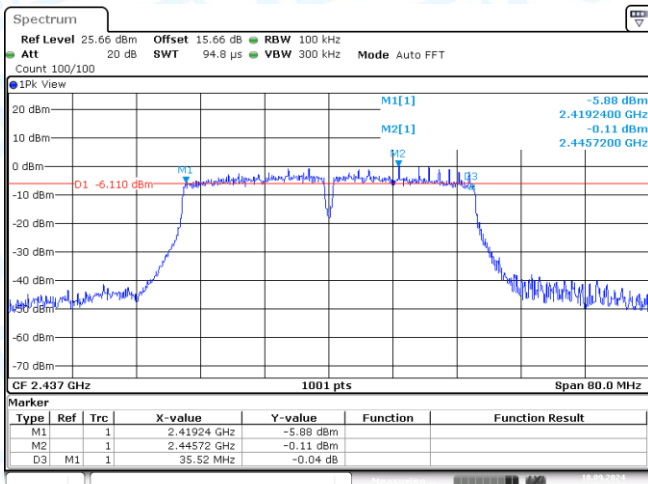
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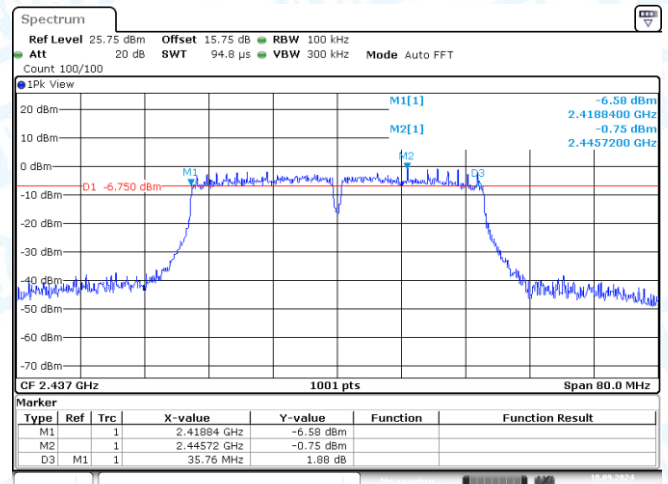
11N40MIMO-Ant1-2422-PASS



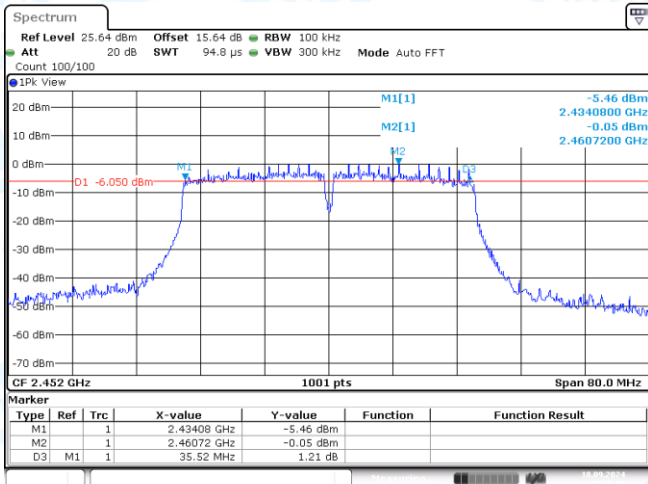
11N40MIMO-Ant2-2422-PASS



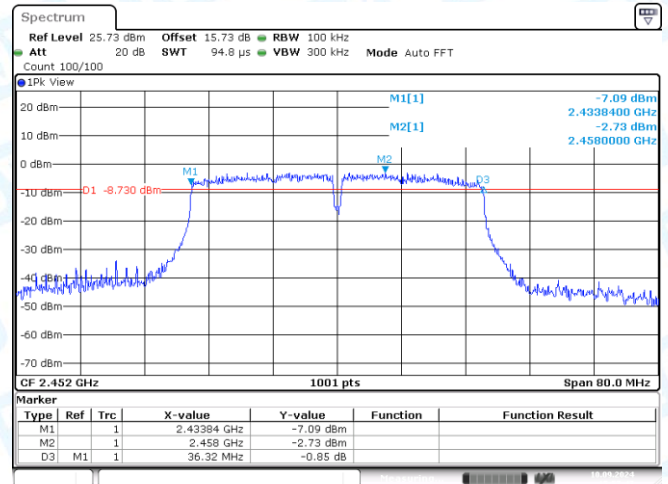
11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



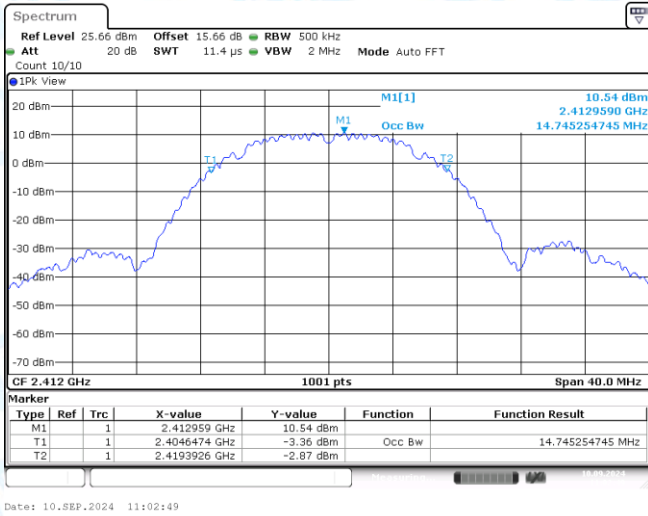
11N40MIMO-Ant2-2452-PASS

2: Occupied Channel Bandwidth

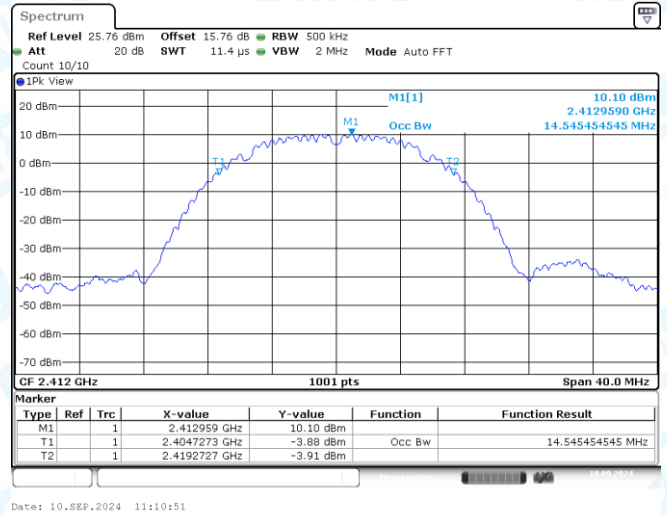
2.1 Test Result

TestMode	Ant.	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.745	2404.6474	2419.3926	---	---
11B	Ant2	2412	14.545	2404.7273	2419.2727	---	---
11B	Ant1	2437	14.705	2429.6474	2444.3526	---	---
11B	Ant2	2437	14.505	2429.7273	2444.2328	---	---
11B	Ant1	2462	14.705	2454.6074	2469.3127	---	---
11B	Ant2	2462	14.545	2454.6873	2469.2328	---	---
11G	Ant1	2412	16.943	2403.4086	2420.3516	---	---
11G	Ant2	2412	16.783	2403.6883	2420.4715	---	---
11G	Ant1	2437	16.783	2428.5684	2445.3516	---	---
11G	Ant2	2437	16.983	2428.5285	2445.5115	---	---
11G	Ant1	2462	16.743	2453.6883	2470.4316	---	---
11G	Ant2	2462	16.943	2453.5285	2470.4715	---	---
11N20MIMO	Ant1	2412	18.062	2403.0090	2421.0709	---	---
11N20MIMO	Ant2	2412	18.142	2402.8492	2420.9910	---	---
11N20MIMO	Ant1	2437	17.782	2428.0889	2445.8711	---	---
11N20MIMO	Ant2	2437	18.062	2428.0490	2446.1109	---	---
11N20MIMO	Ant1	2462	17.862	2453.1688	2471.0310	---	---
11N20MIMO	Ant2	2462	17.942	2452.9291	2470.8711	---	---
11N40MIMO	Ant1	2422	35.964	2403.9381	2439.9021	---	---
11N40MIMO	Ant2	2422	36.284	2403.8581	2440.1419	---	---
11N40MIMO	Ant1	2437	36.284	2418.7782	2455.0619	---	---
11N40MIMO	Ant2	2437	36.204	2419.0180	2455.2218	---	---
11N40MIMO	Ant1	2452	35.964	2434.0180	2469.9820	---	---
11N40MIMO	Ant2	2452	36.364	2433.6983	2470.0619	---	---

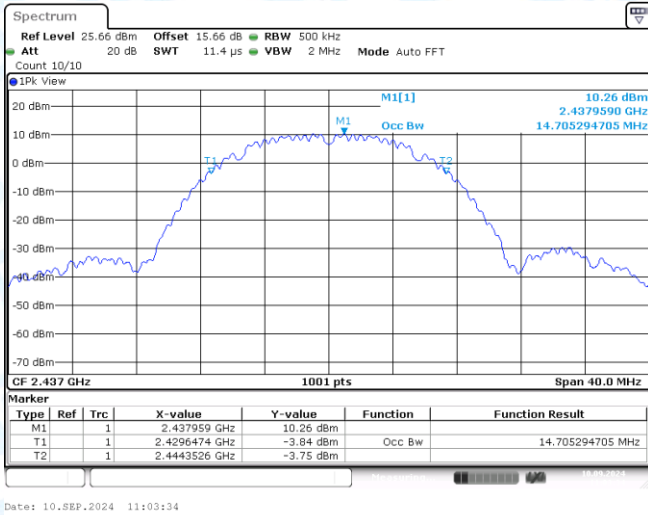
2.2 Test Graphs



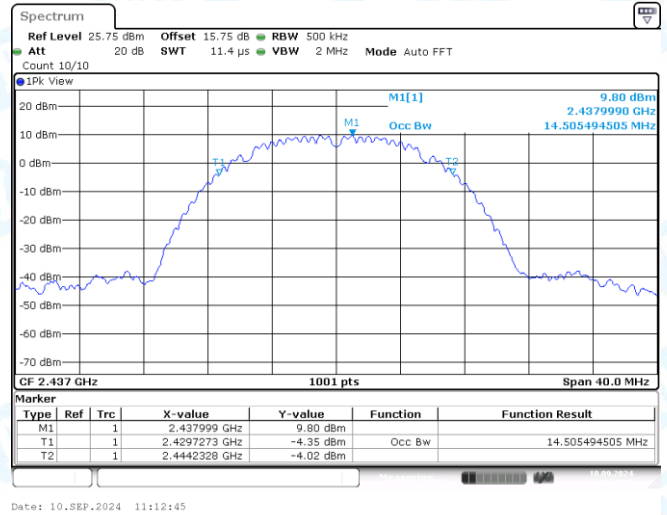
11B-Ant1-2412



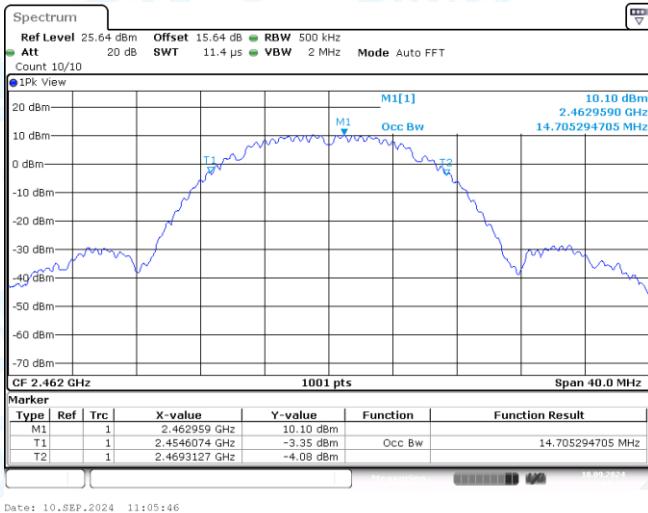
11B-Ant2-2412



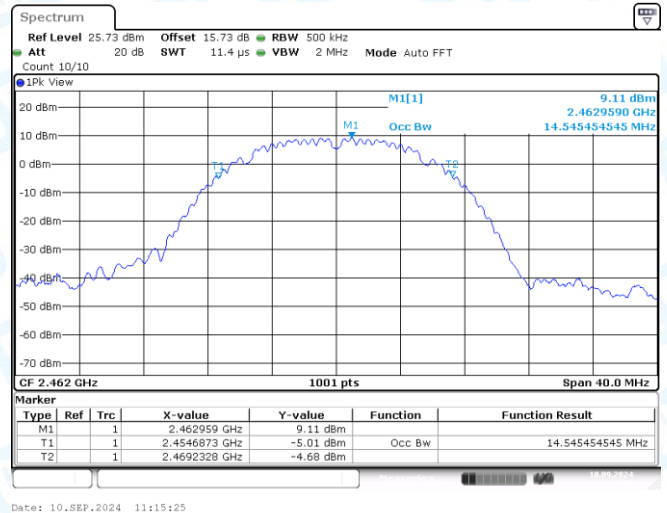
11B-Ant1-2437



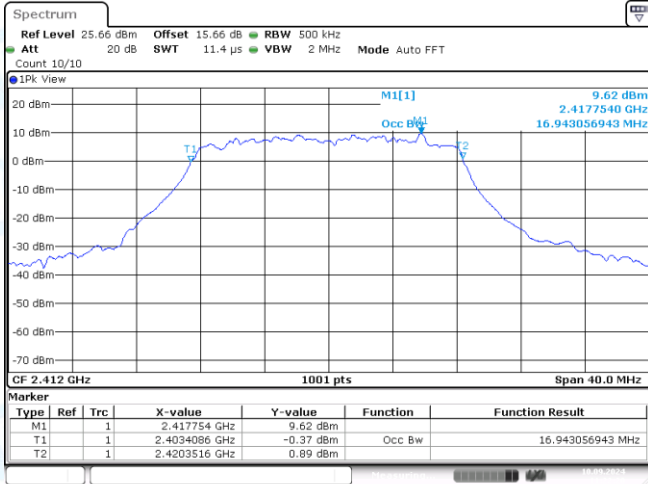
11B-Ant2-2437



11B-Ant1-2462

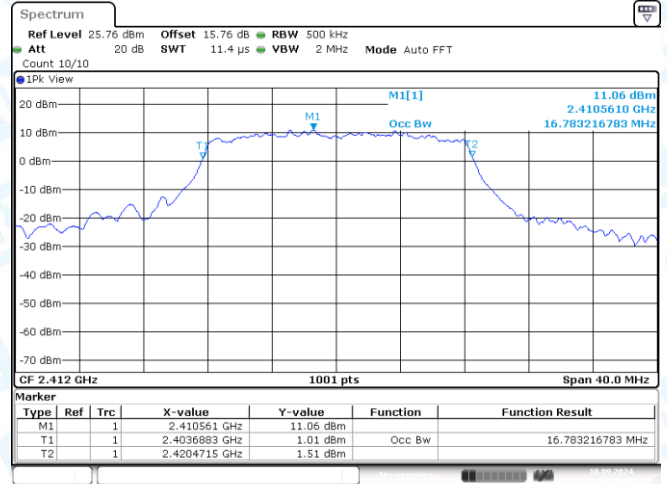


11B-Ant2-2462



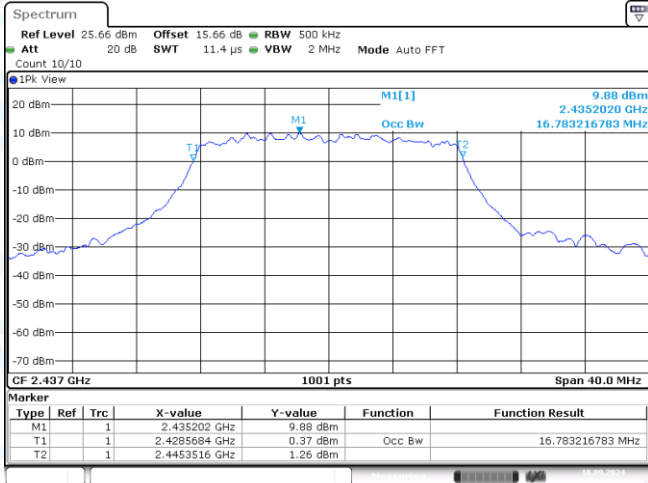
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11G-Ant1-2412



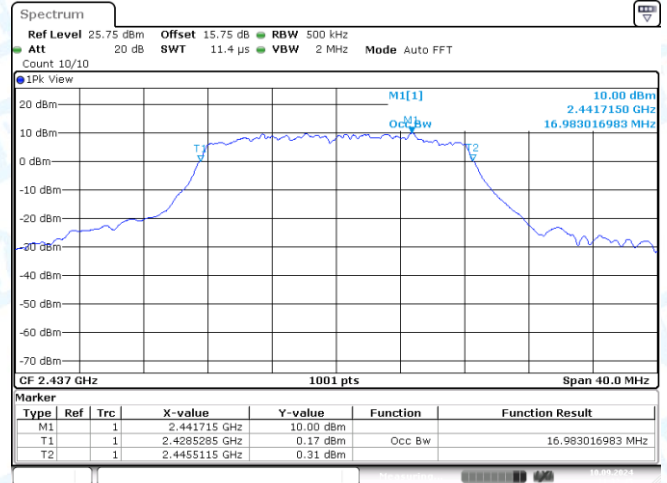
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11G-Ant2-2412



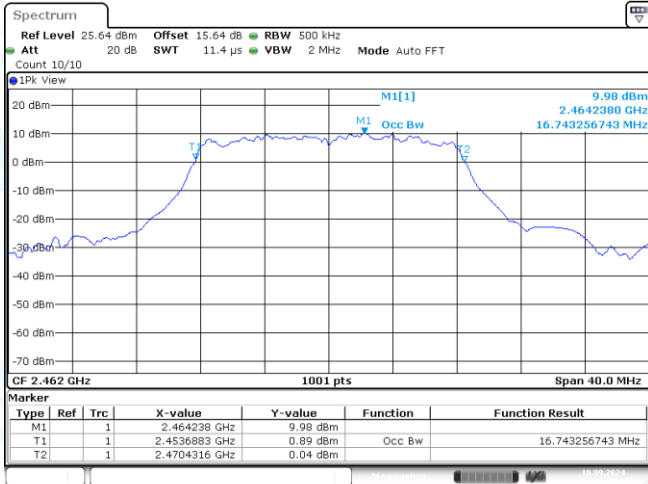
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11G-Ant1-2437



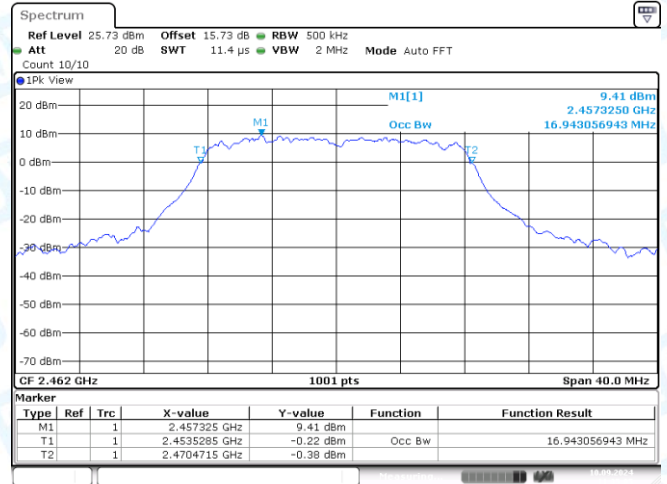
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11G-Ant2-2437



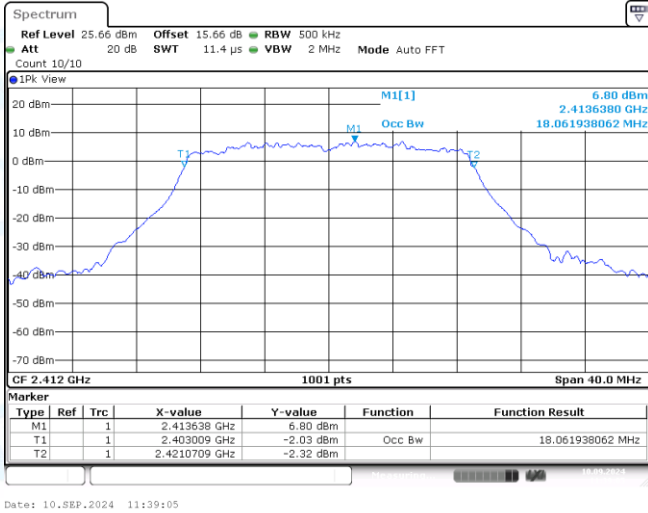
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11G-Ant1-2462

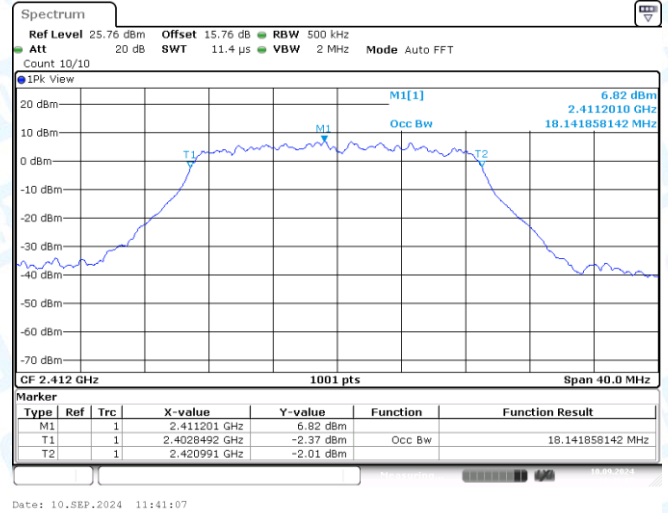


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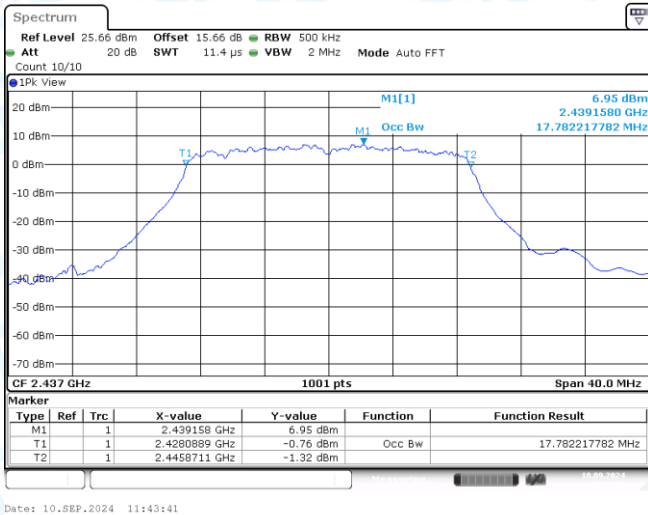
11G-Ant2-2462



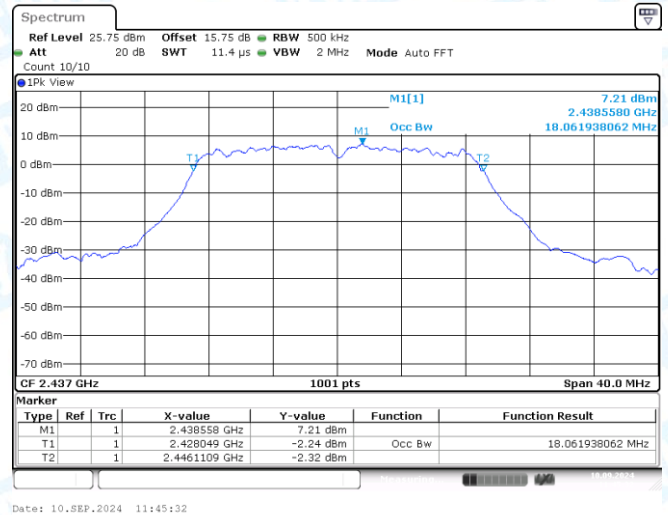
11N20MIMO-Ant1-2412



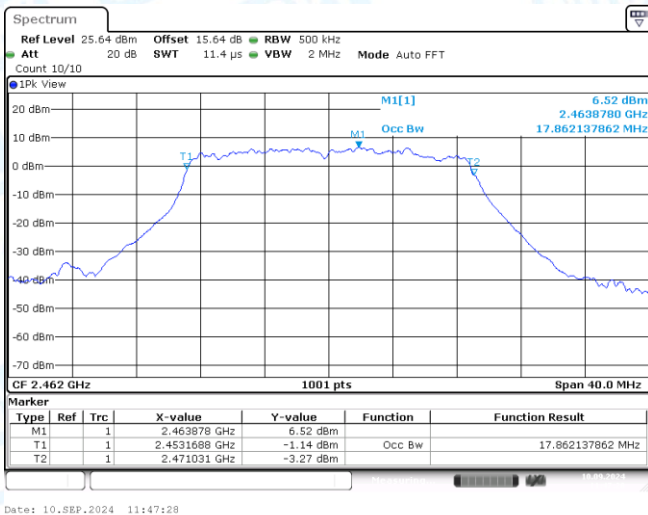
11N20MIMO-Ant2-2412



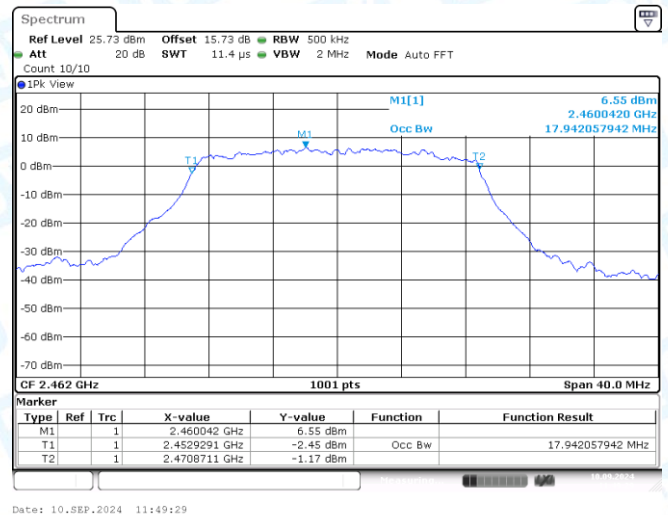
11N20MIMO-Ant1-2437



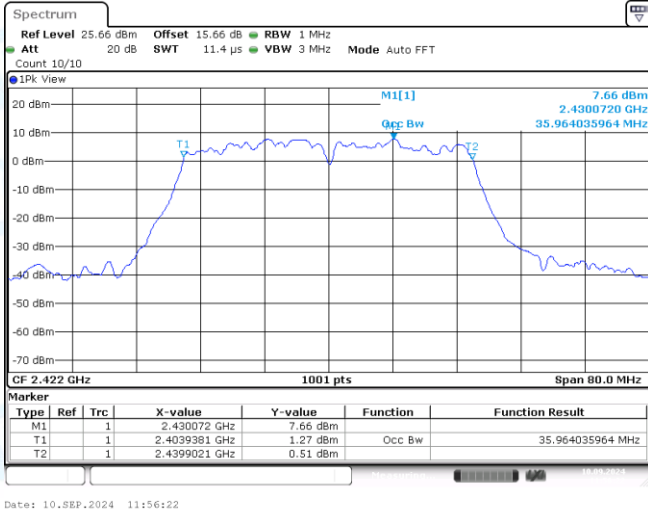
11N20MIMO-Ant2-2437



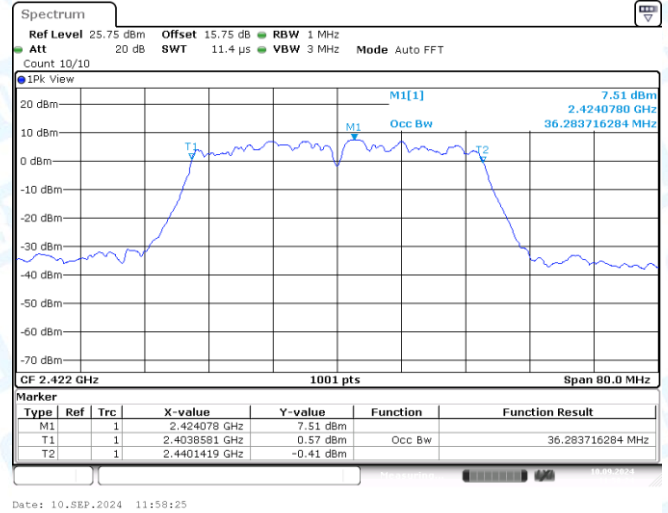
11N20MIMO-Ant1-2462



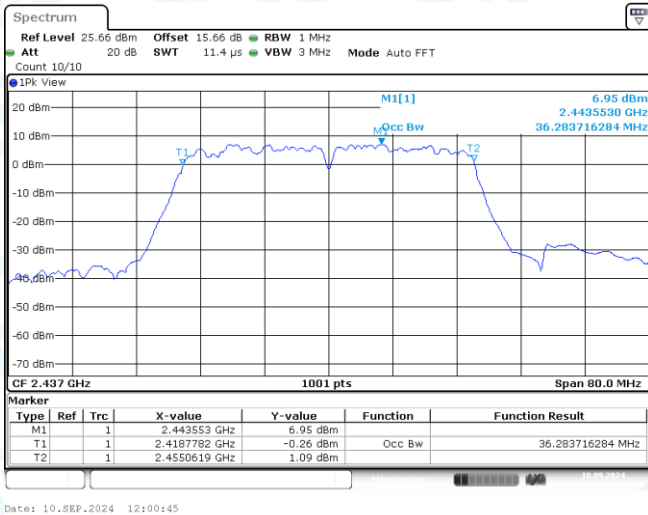
11N20MIMO-Ant2-2462



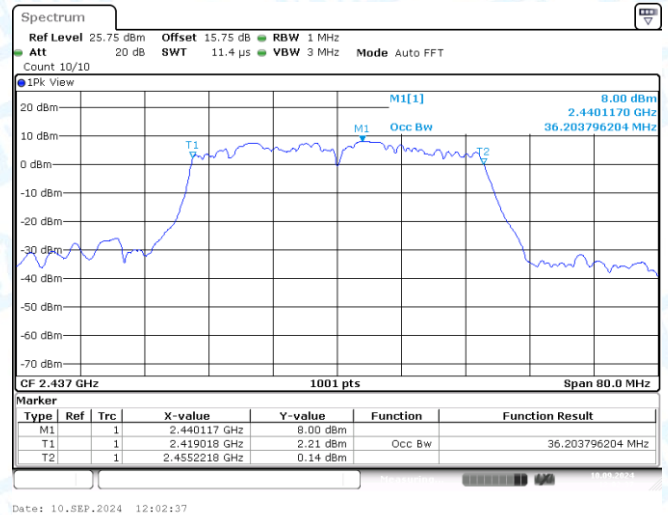
11N40MIMO-Ant1-2422



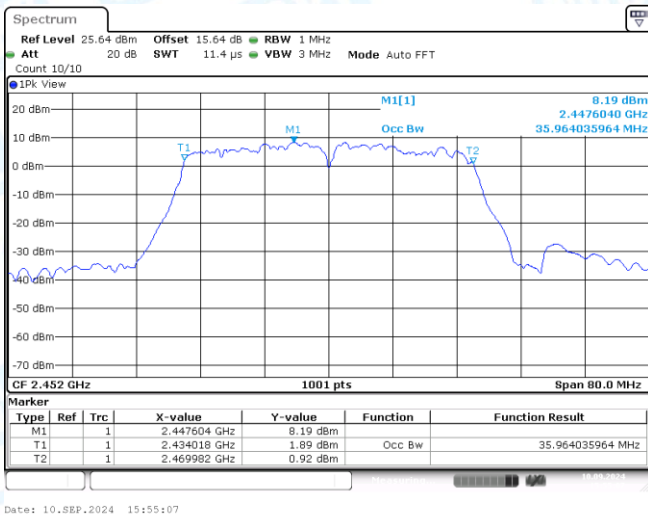
11N40MIMO-Ant2-2422



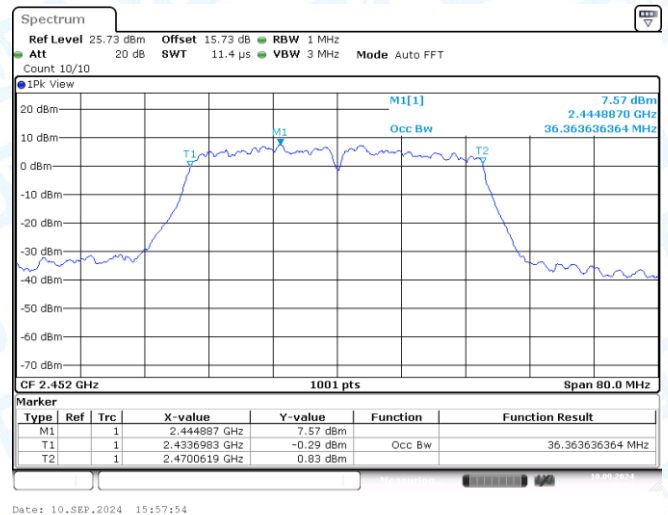
11N40MIMO-Ant1-2437



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	Ant1	2412	17.89	≤30.00	PASS
11B	Ant2	2412	16.60	≤30.00	PASS
11B	Ant1	2437	17.41	≤30.00	PASS
11B	Ant2	2437	17.88	≤30.00	PASS
11B	Ant1	2462	17.64	≤30.00	PASS
11B	Ant2	2462	17.48	≤30.00	PASS
11G	Ant1	2412	17.03	≤30.00	PASS
11G	Ant2	2412	17.58	≤30.00	PASS
11G	Ant1	2437	17.01	≤30.00	PASS
11G	Ant2	2437	17.10	≤30.00	PASS
11G	Ant1	2462	17.59	≤30.00	PASS
11G	Ant2	2462	16.80	≤30.00	PASS
11N20MIMO	Ant1	2412	14.23	≤30.00	PASS
11N20MIMO	Ant2	2412	14.09	≤30.00	PASS
11N20MIMO	total	2412	17.17	≤30.00	PASS
11N20MIMO	Ant1	2437	12.24	≤30.00	PASS
11N20MIMO	Ant2	2437	14.44	≤30.00	PASS
11N20MIMO	total	2437	16.49	≤30.00	PASS
11N20MIMO	Ant1	2462	14.37	≤30.00	PASS
11N20MIMO	Ant2	2462	14.27	≤30.00	PASS
11N20MIMO	total	2462	17.33	≤30.00	PASS
11N40MIMO	Ant1	2422	14.18	≤30.00	PASS
11N40MIMO	Ant2	2422	13.94	≤30.00	PASS
11N40MIMO	total	2422	17.07	≤30.00	PASS
11N40MIMO	Ant1	2437	15.59	≤30.00	PASS
11N40MIMO	Ant2	2437	15.39	≤30.00	PASS
11N40MIMO	total	2437	18.50	≤30.00	PASS
11N40MIMO	Ant1	2452	15.04	≤30.00	PASS
11N40MIMO	Ant2	2452	14.10	≤30.00	PASS
11N40MIMO	total	2452	17.61	≤30.00	PASS

Note: 1, This module will use two different WiFi antennas, and only the one with the larger antenna gain (**Antenna1: 2.04dBi; Antenna2: 2.71dBi**) will be used for conducted test.

2, For MIMO Mode, Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2] = 5.39\text{dBi}$; $G_{ANT1} = 2.04\text{dBi}$; $G_{ANT2} = 2.71\text{dBi}$; and the Directional gain < 6dBi, So the $P_{\text{limit}} = 30\text{dBm}$.

3. The Duty Cycle Factor is compensated in the graph.

4: Maximum power spectral density

4.1 Test Result

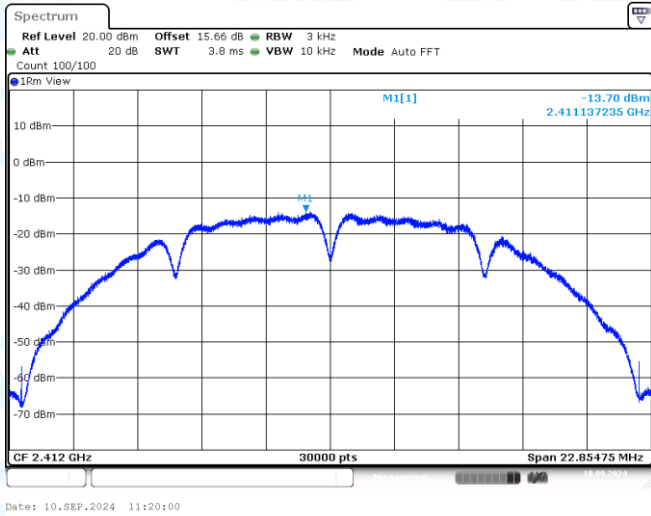
TestMode	Ant.	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.55	≤8.00	PASS
11B	Ant2	2412	-13.38	≤8.00	PASS
11B	Ant1	2437	-14.30	≤8.00	PASS
11B	Ant2	2437	-13.96	≤8.00	PASS
11B	Ant1	2462	-14.14	≤8.00	PASS
11B	Ant2	2462	-14.29	≤8.00	PASS
11G	Ant1	2412	-14.62	≤8.00	PASS
11G	Ant2	2412	-13.31	≤8.00	PASS
11G	Ant1	2437	-15.09	≤8.00	PASS
11G	Ant2	2437	-13.64	≤8.00	PASS
11G	Ant1	2462	-12.67	≤8.00	PASS
11G	Ant2	2462	-14.01	≤8.00	PASS
11N20MIMO	Ant1	2412	-16.76	≤8.00	PASS
11N20MIMO	Ant2	2412	-17.47	≤8.00	PASS
11N20MIMO	total	2412	-14.09	≤8.00	PASS
11N20MIMO	Ant1	2437	-15.95	≤8.00	PASS
11N20MIMO	Ant2	2437	-16.16	≤8.00	PASS
11N20MIMO	total	2437	-13.04	≤8.00	PASS
11N20MIMO	Ant1	2462	-16.65	≤8.00	PASS
11N20MIMO	Ant2	2462	-17.02	≤8.00	PASS
11N20MIMO	total	2462	-13.82	≤8.00	PASS
11N40MIMO	Ant1	2422	-19.03	≤8.00	PASS
11N40MIMO	Ant2	2422	-18.98	≤8.00	PASS
11N40MIMO	total	2422	-15.99	≤8.00	PASS
11N40MIMO	Ant1	2437	-18.01	≤8.00	PASS
11N40MIMO	Ant2	2437	-18.08	≤8.00	PASS
11N40MIMO	total	2437	-15.03	≤8.00	PASS
11N40MIMO	Ant1	2452	-18.23	≤8.00	PASS
11N40MIMO	Ant2	2452	-18.42	≤8.00	PASS
11N40MIMO	total	2452	-15.31	≤8.00	PASS

Note: 1. This module will use two different WiFi antennas, and only the one with the larger antenna gain(**Antenna1: 2.04dBi; Antenna2: 2.71dBi**) will be used for conducted test.

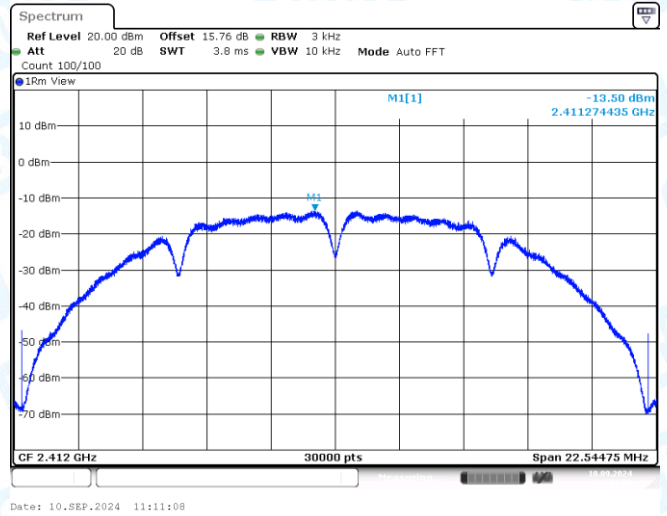
2. For MIMO Mode, Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2] = 5.39\text{dBi}$; $G_{ANT1} = 2.04\text{dBi}$; $G_{ANT2} = 2.71\text{dBi}$; and the Directional gain < 6dBi, So the $PSD_{limit} = 8\text{dBm/3kHz}$.

3. The Duty Cycle Factor is compensated in the graph.

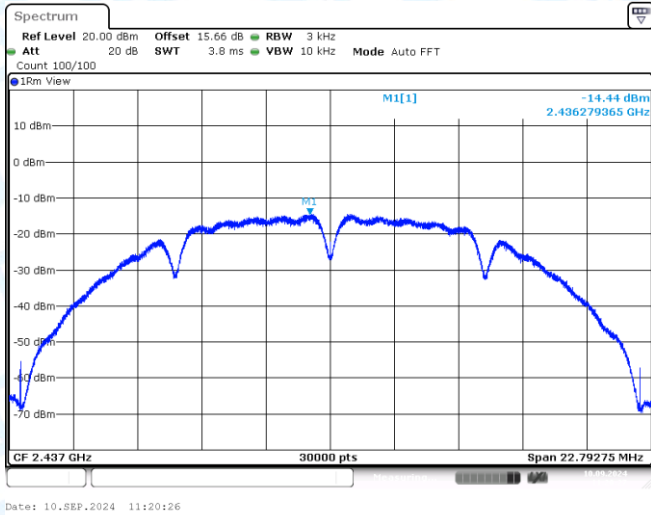
4.2 Test Graphs



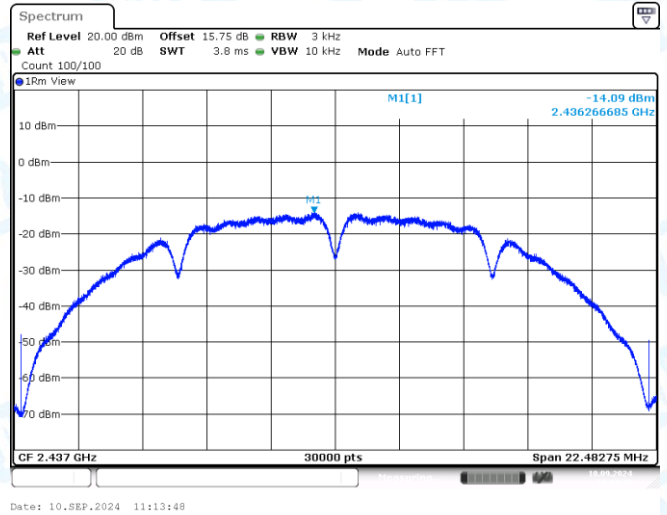
11B-Ant1-2412-PASS



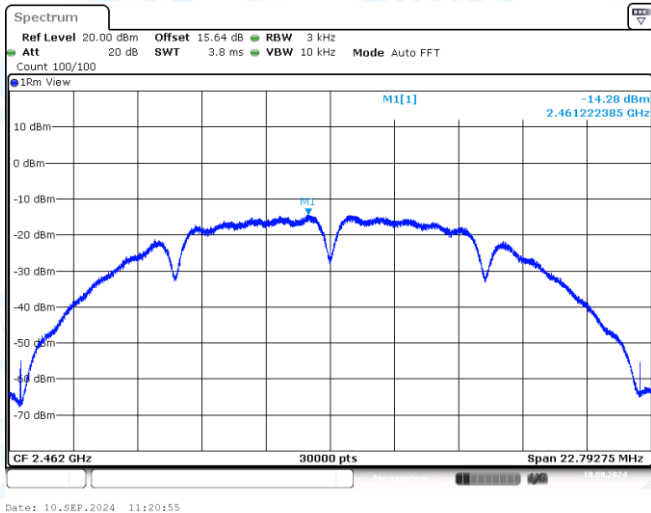
11B-Ant2-2412-PASS



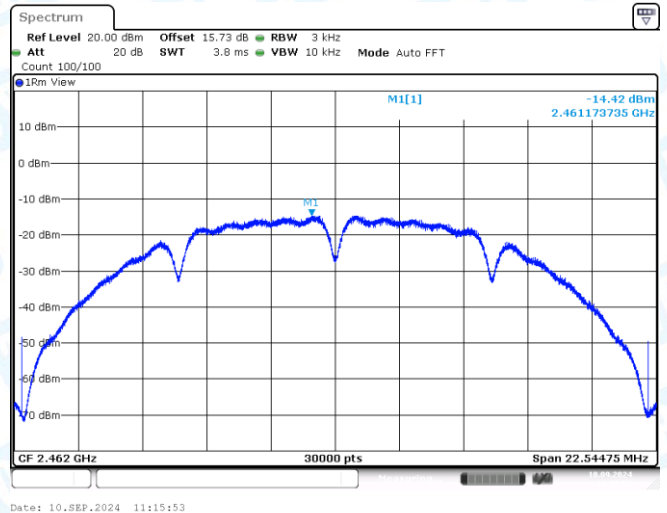
11B-Ant1-2437-PASS



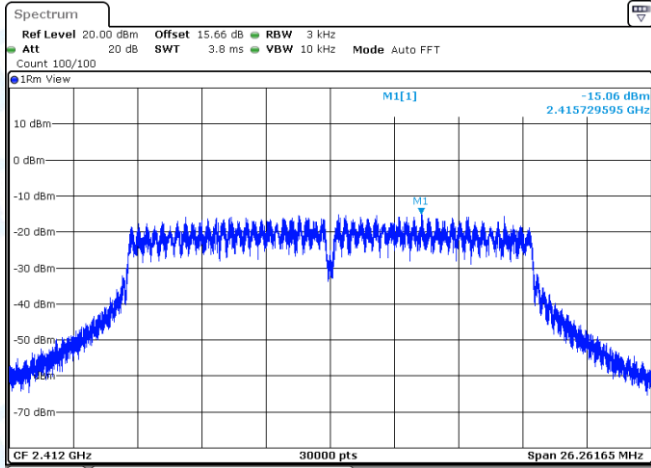
11B-Ant2-2437-PASS



11B-Ant1-2462-PASS

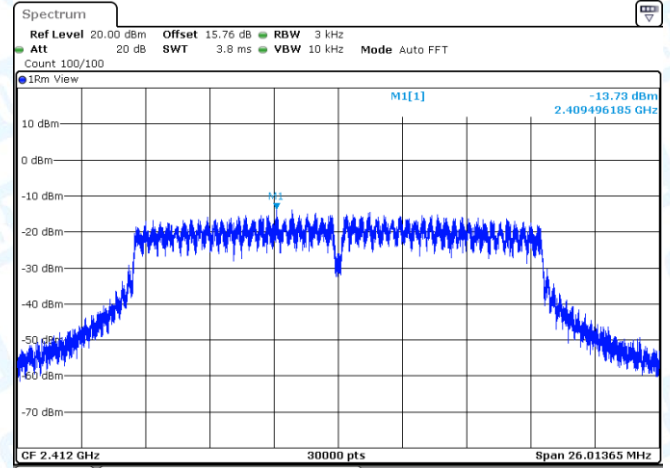


11B-Ant2-2462-PASS



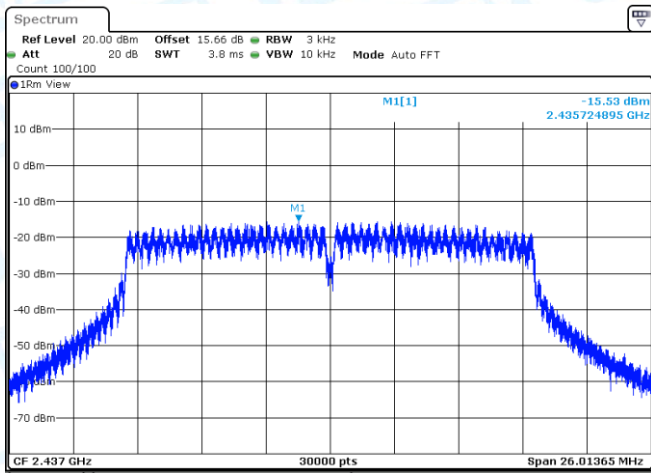
Date: 10.SEP.2024 11:23:29

11G-Ant1-2412-PASS



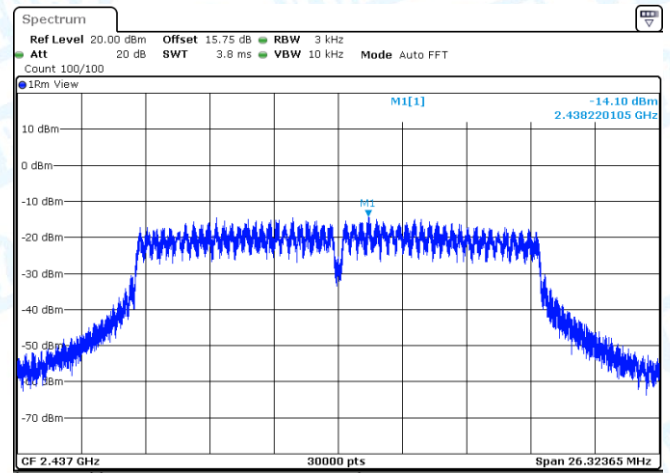
Date: 10.SEP.2024 11:31:59

11G-Ant2-2412-PASS



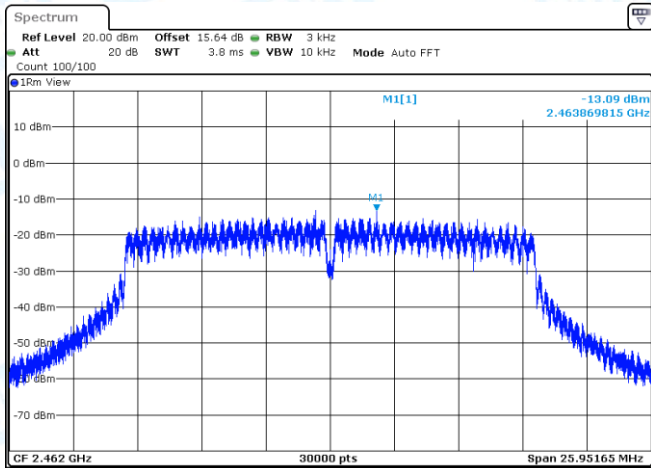
Date: 10.SEP.2024 11:25:30

11G-Ant1-2437-PASS



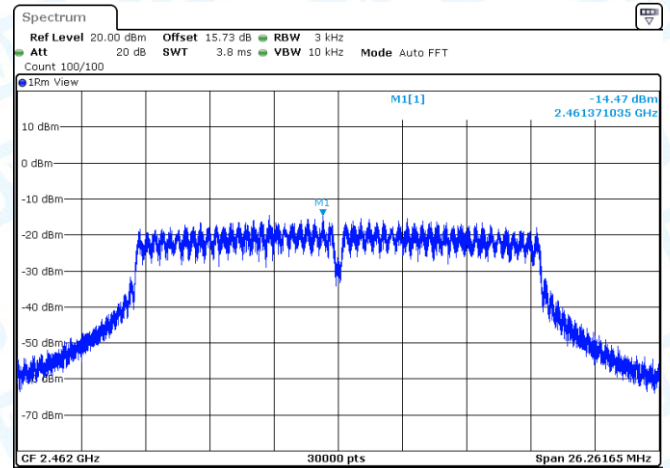
Date: 10.SEP.2024 11:33:42

11G-Ant2-2437-PASS



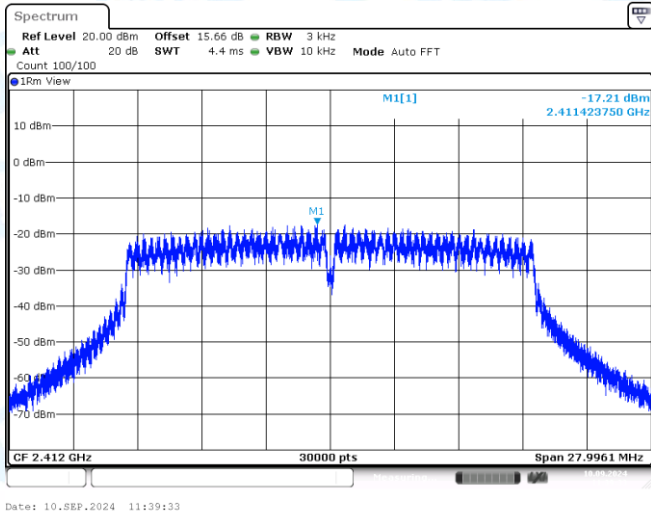
Date: 10.SEP.2024 11:27:39

11G-Ant1-2462-PASS

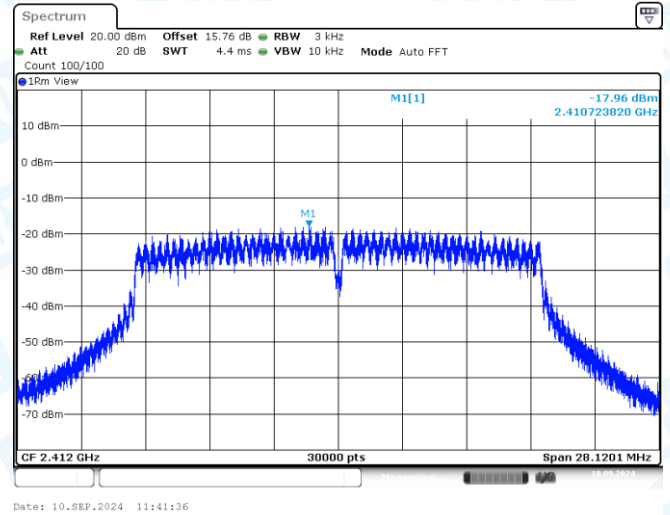


Date: 10.SEP.2024 11:35:41

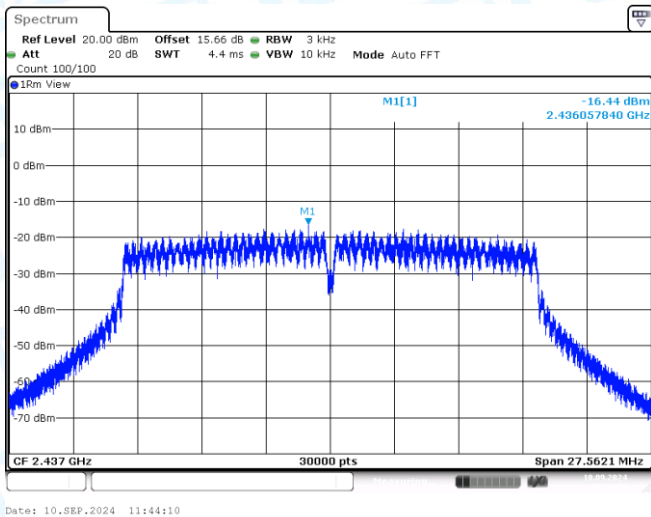
11G-Ant2-2462-PASS



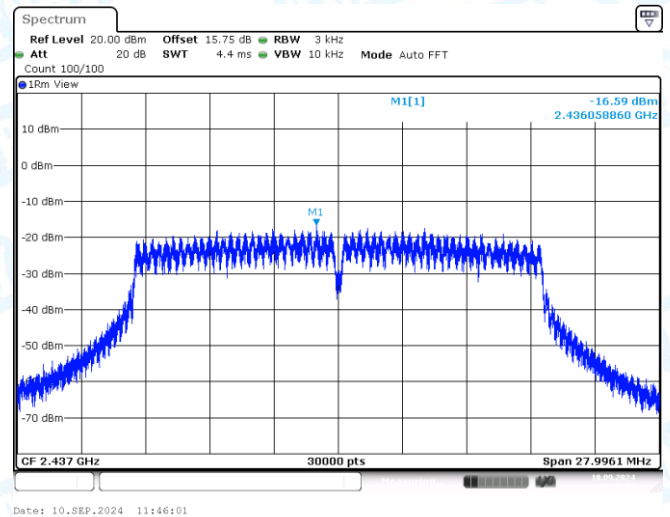
11N20MIMO-Ant1-2412-PASS



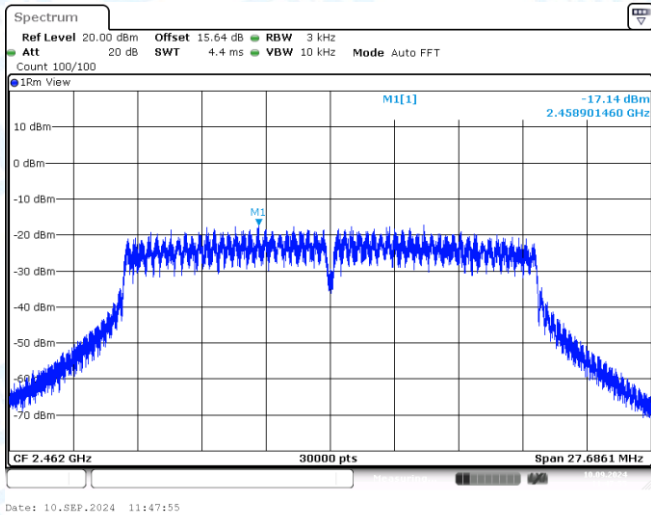
11N20MIMO-Ant2-2412-PASS



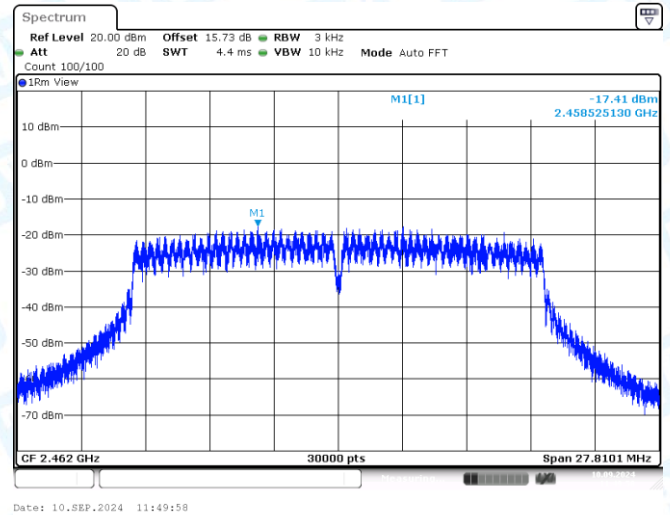
11N20MIMO-Ant1-2437-PASS



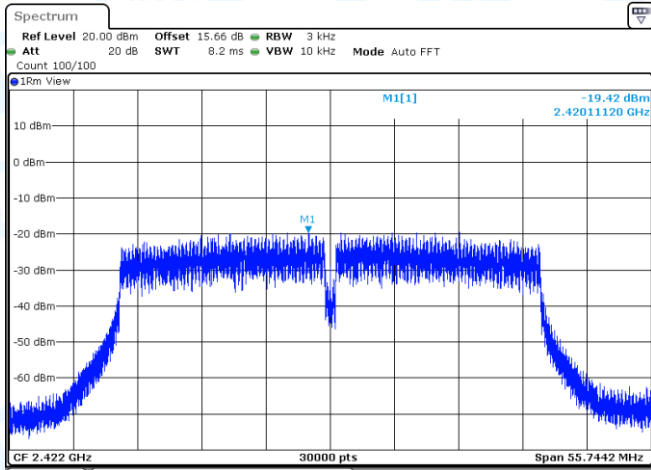
11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS

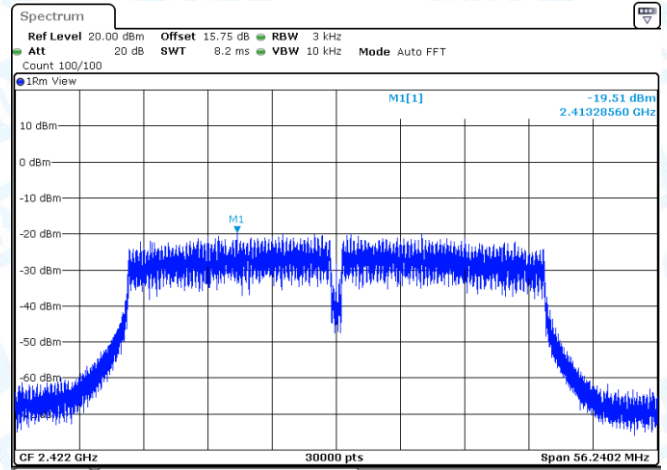


11N20MIMO-Ant2-2462-PASS



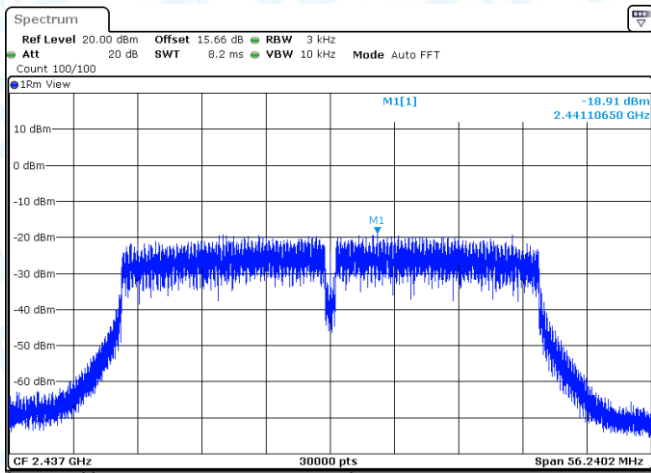
Date: 10.SEP.2024 11:57:05

11N40MIMO-Ant1-2422-PASS



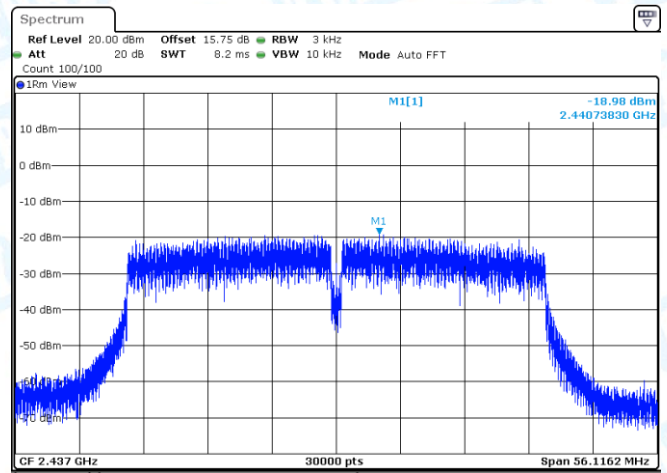
Date: 10.SEP.2024 11:59:08

11N40MIMO-Ant2-2422-PASS



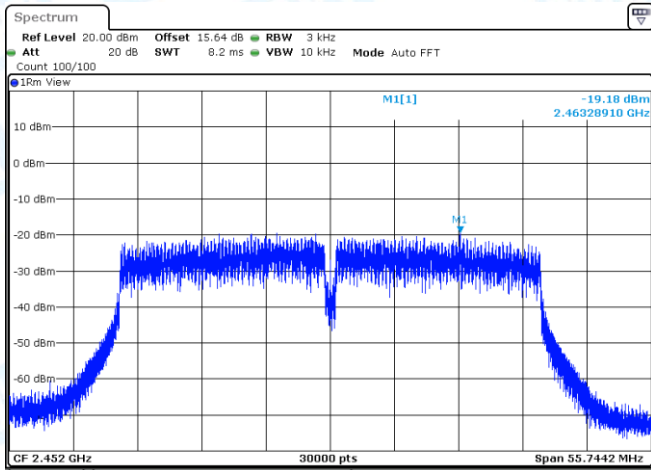
Date: 10.SEP.2024 15:53:13

11N40MIMO-Ant1-2437-PASS



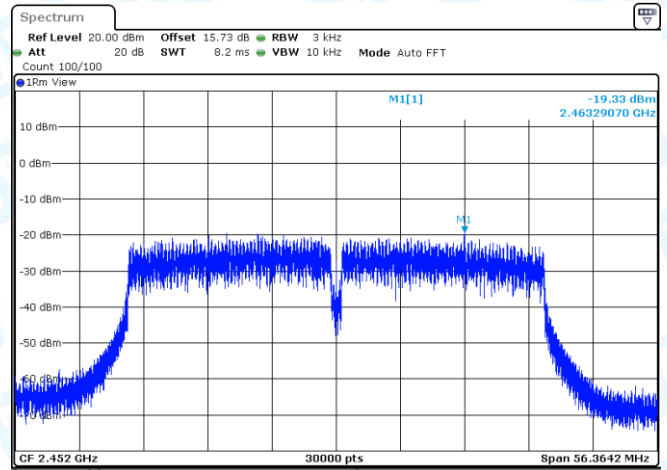
Date: 10.SEP.2024 15:53:40

11N40MIMO-Ant2-2437-PASS



Date: 10.SEP.2024 15:56:21

11N40MIMO-Ant1-2452-PASS



Date: 10.SEP.2024 15:58:24

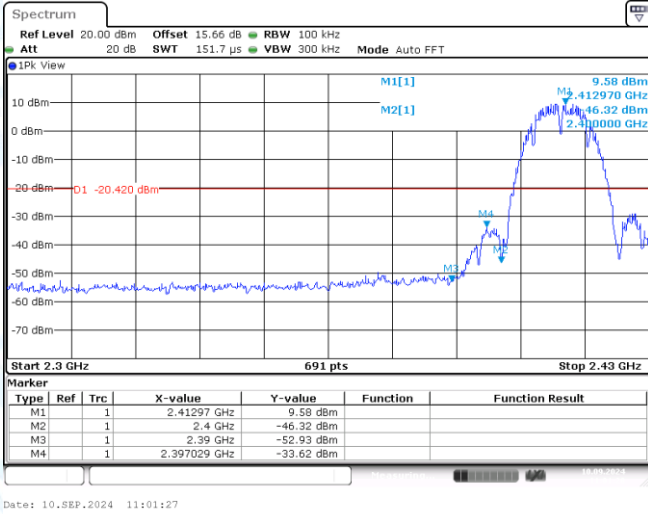
11N40MIMO-Ant2-2452-PASS

5: Band edge measurements

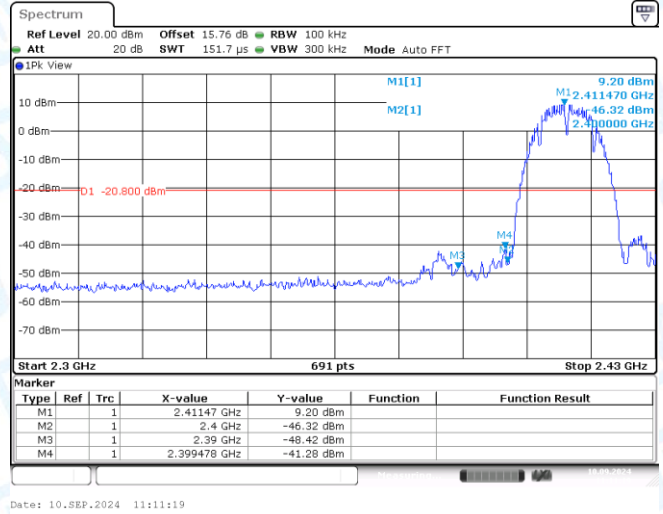
5.1 Test Result

TestMode	Ant.	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.58	-33.62	≤-20.42	PASS
11B	Ant2	Low	2412	9.20	-41.28	≤-20.8	PASS
11B	Ant1	High	2462	8.93	-49.72	≤-21.07	PASS
11B	Ant2	High	2462	8.24	-47.19	≤-21.76	PASS
11G	Ant1	Low	2412	3.17	-32.58	≤-26.83	PASS
11G	Ant2	Low	2412	4.02	-28.36	≤-25.98	PASS
11G	Ant1	High	2462	3.37	-38.66	≤-26.63	PASS
11G	Ant2	High	2462	3.33	-39.96	≤-26.67	PASS
11N20MIMO	Ant1	Low	2412	3.28	-33.36	≤-26.72	PASS
11N20MIMO	Ant2	Low	2412	2.73	-33.76	≤-27.27	PASS
11N20MIMO	Ant1	High	2462	1.53	-50.38	≤-28.47	PASS
11N20MIMO	Ant2	High	2462	-0.49	-42.59	≤-30.49	PASS
11N40MIMO	Ant1	Low	2422	0.41	-40.12	≤-29.59	PASS
11N40MIMO	Ant2	Low	2422	-1.09	-37.42	≤-31.09	PASS
11N40MIMO	Ant1	High	2452	0.54	-44.74	≤-29.46	PASS
11N40MIMO	Ant2	High	2452	-1.01	-42	≤-31.01	PASS

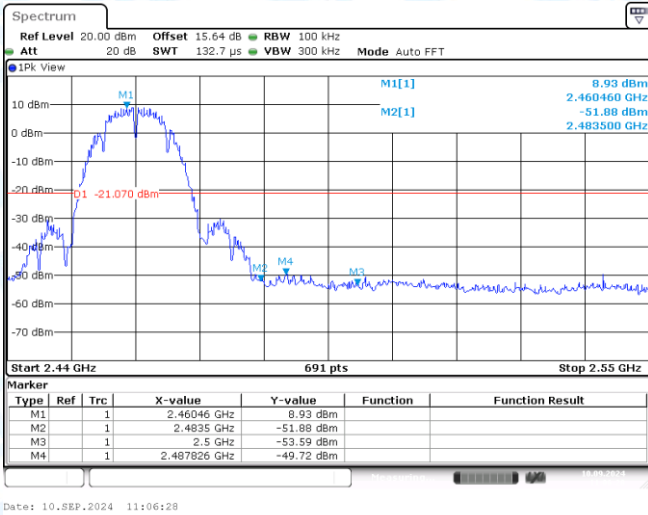
5.2 Test Graphs



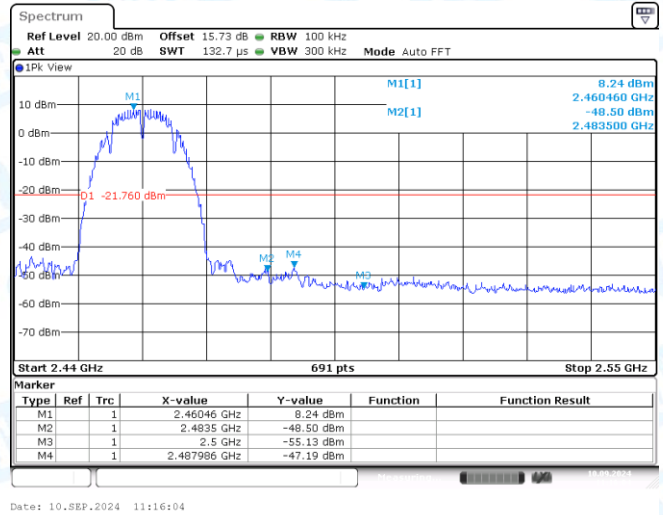
11B-Ant1-2412-PASS



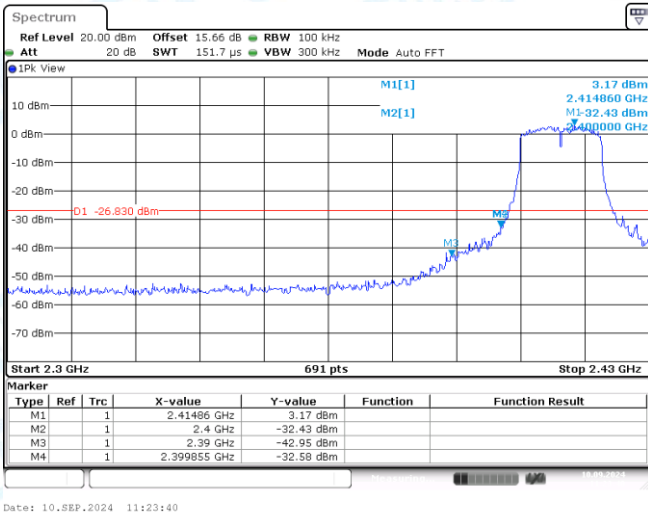
11B-Ant2-2412-PASS



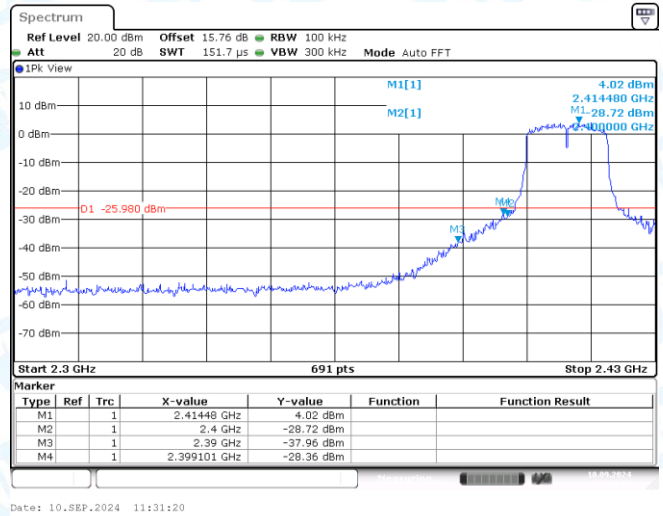
11B-Ant1-2462-PASS



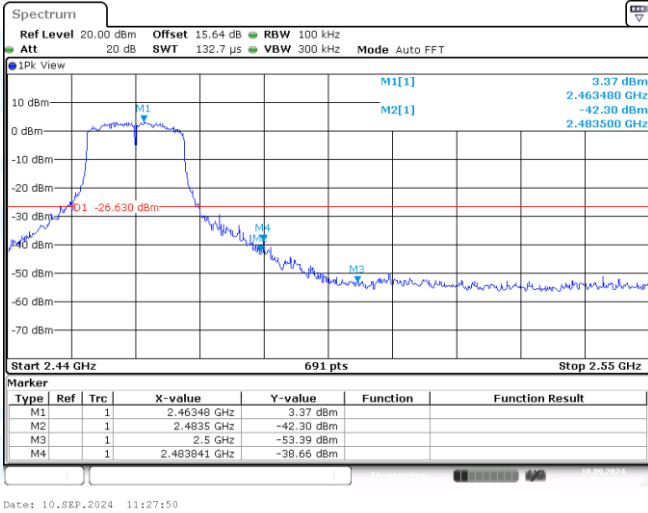
11B-Ant2-2462-PASS



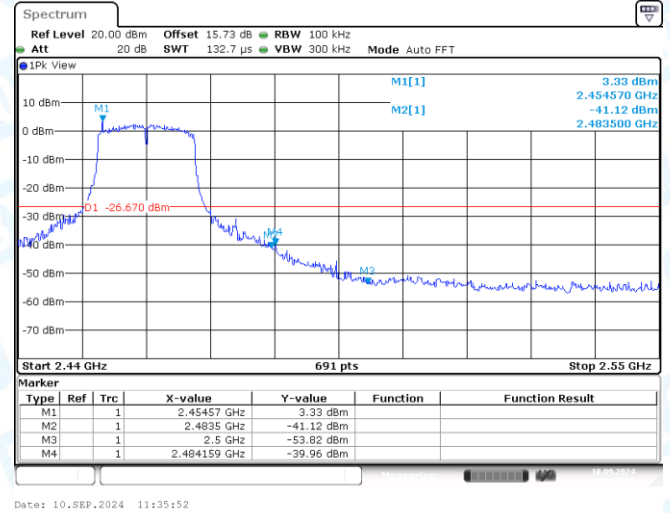
11G-Ant1-2412-PASS



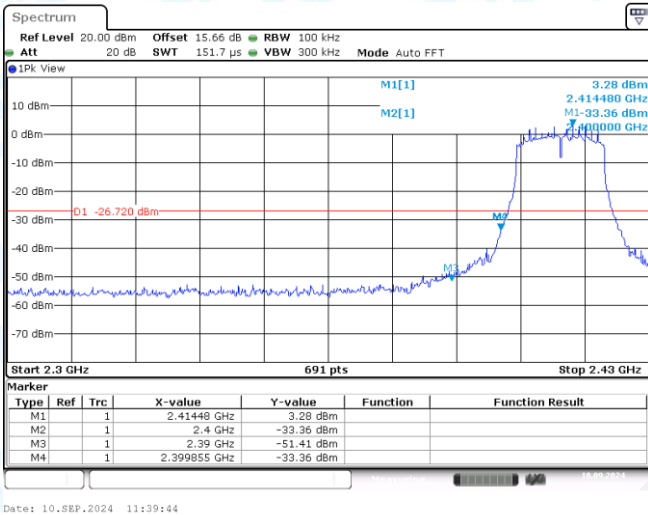
11G-Ant2-2412-PASS



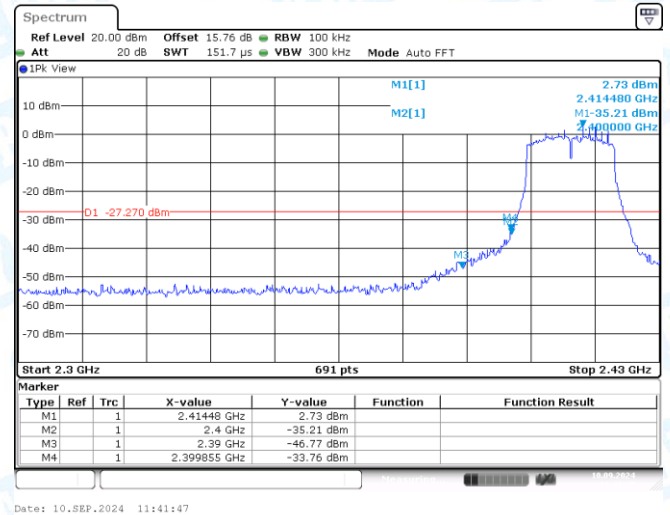
11G-Ant1-2462-PASS



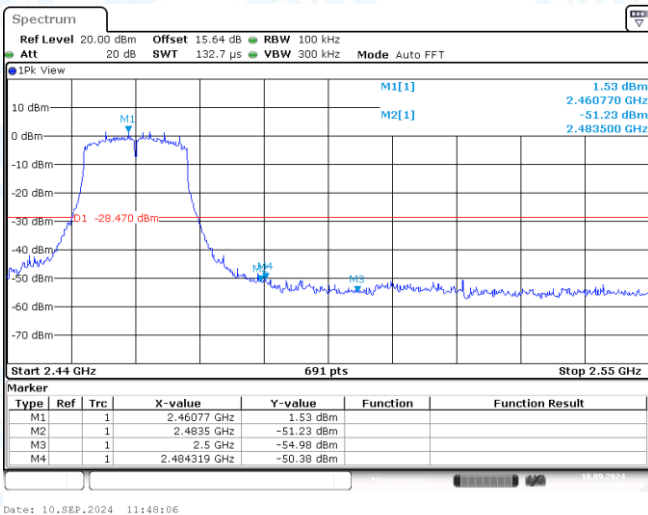
11G-Ant2-2462-PASS



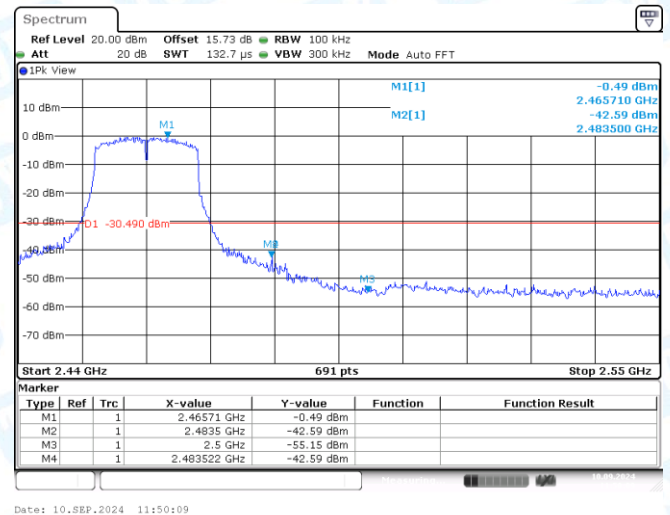
11N20MIMO-Ant1-2412-PASS



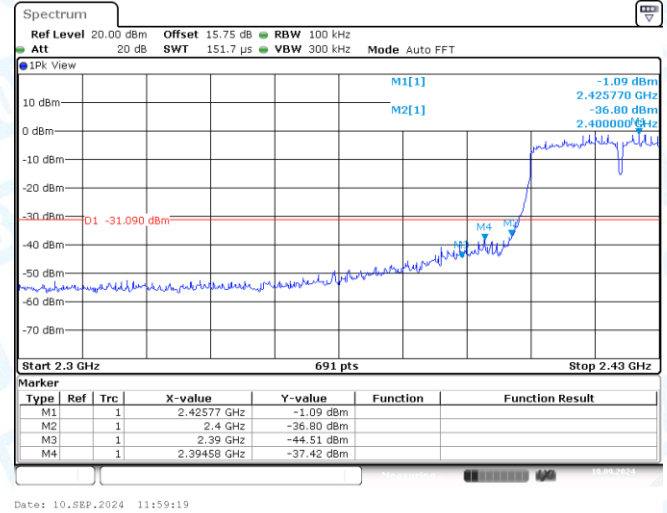
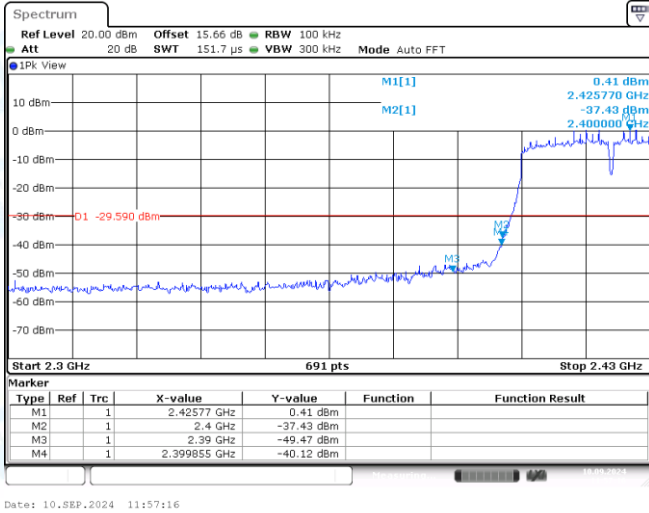
11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2462-PASS

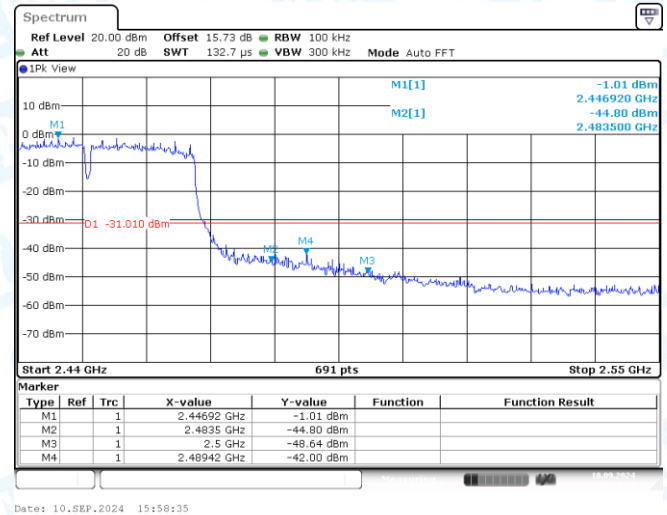
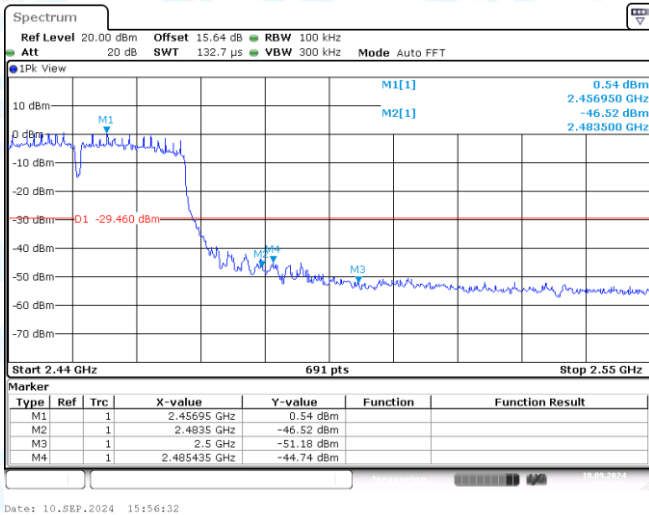


11N20MIMO-Ant2-2462-PASS



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	Ant1	2412	0~Reference	10.12	10.12	---	PASS
11B	Ant1	2412	30~1000	10.12	-50.62	≤-19.88	PASS
11B	Ant1	2412	1000~26500	10.12	-45.99	≤-19.88	PASS
11B	Ant2	2412	0~Reference	9.55	9.55	---	PASS
11B	Ant2	2412	30~1000	9.55	-51.2	≤-20.45	PASS
11B	Ant2	2412	1000~26500	9.55	-45.05	≤-20.45	PASS
11B	Ant1	2437	0~Reference	9.54	9.54	---	PASS
11B	Ant1	2437	30~1000	9.54	-51.09	≤-20.46	PASS
11B	Ant1	2437	1000~26500	9.54	-45.55	≤-20.46	PASS
11B	Ant2	2437	0~Reference	9.27	9.27	---	PASS
11B	Ant2	2437	30~1000	9.27	-51.15	≤-20.73	PASS
11B	Ant2	2437	1000~26500	9.27	-45.58	≤-20.73	PASS
11B	Ant1	2462	0~Reference	9.74	9.74	---	PASS
11B	Ant1	2462	30~1000	9.74	-51.01	≤-20.26	PASS
11B	Ant1	2462	1000~26500	9.74	-45.22	≤-20.26	PASS
11B	Ant2	2462	0~Reference	8.55	8.55	---	PASS
11B	Ant2	2462	30~1000	8.55	-50.95	≤-21.45	PASS
11B	Ant2	2462	1000~26500	8.55	-45.56	≤-21.45	PASS
11G	Ant1	2412	0~Reference	5.53	5.53	---	PASS
11G	Ant1	2412	30~1000	5.53	-50.34	≤-24.47	PASS
11G	Ant1	2412	1000~26500	5.53	-45.73	≤-24.47	PASS
11G	Ant2	2412	0~Reference	7.05	7.05	---	PASS
11G	Ant2	2412	30~1000	7.05	-49.6	≤-22.95	PASS
11G	Ant2	2412	1000~26500	7.05	-45.97	≤-22.95	PASS
11G	Ant1	2437	0~Reference	5.52	5.52	---	PASS
11G	Ant1	2437	30~1000	5.52	-51.26	≤-24.48	PASS
11G	Ant1	2437	1000~26500	5.52	-45.72	≤-24.48	PASS
11G	Ant2	2437	0~Reference	4.50	4.50	---	PASS
11G	Ant2	2437	30~1000	4.50	-50.85	≤-25.5	PASS
11G	Ant2	2437	1000~26500	4.50	-45.2	≤-25.5	PASS
11G	Ant1	2462	0~Reference	6.25	6.25	---	PASS
11G	Ant1	2462	30~1000	6.25	-49.93	≤-23.75	PASS
11G	Ant1	2462	1000~26500	6.25	-45.7	≤-23.75	PASS
11G	Ant2	2462	0~Reference	5.54	5.54	---	PASS
11G	Ant2	2462	30~1000	5.54	-51.15	≤-24.46	PASS
11G	Ant2	2462	1000~26500	5.54	-45.39	≤-24.46	PASS
11N20MIMO	Ant1	2412	0~Reference	3.48	3.48	---	PASS
11N20MIMO	Ant1	2412	30~1000	3.48	-49.54	≤-26.52	PASS
11N20MIMO	Ant1	2412	1000~26500	3.48	-45.4	≤-26.52	PASS
11N20MIMO	Ant2	2412	0~Reference	2.83	2.83	---	PASS

11N20MIMO	Ant2	2412	30~1000	2.83	-50.75	≤-27.17	PASS
11N20MIMO	Ant2	2412	1000~26500	2.83	-45.75	≤-27.17	PASS
11N20MIMO	Ant1	2437	0~Reference	3.41	3.41	---	PASS
11N20MIMO	Ant1	2437	30~1000	3.41	-50.16	≤-26.59	PASS
11N20MIMO	Ant1	2437	1000~26500	3.41	-45.18	≤-26.59	PASS
11N20MIMO	Ant2	2437	0~Reference	3.34	3.34	---	PASS
11N20MIMO	Ant2	2437	30~1000	3.34	-50.58	≤-26.66	PASS
11N20MIMO	Ant2	2437	1000~26500	3.34	-45.44	≤-26.66	PASS
11N20MIMO	Ant1	2462	0~Reference	3.29	3.29	---	PASS
11N20MIMO	Ant1	2462	30~1000	3.29	-50.87	≤-26.71	PASS
11N20MIMO	Ant1	2462	1000~26500	3.29	-44.56	≤-26.71	PASS
11N20MIMO	Ant2	2462	0~Reference	2.90	2.90	---	PASS
11N20MIMO	Ant2	2462	30~1000	2.90	-51.03	≤-27.1	PASS
11N20MIMO	Ant2	2462	1000~26500	2.90	-45.62	≤-27.1	PASS
11N40MIMO	Ant1	2422	0~Reference	0.50	0.50	---	PASS
11N40MIMO	Ant1	2422	30~1000	0.50	-51.39	≤-29.5	PASS
11N40MIMO	Ant1	2422	1000~26500	0.50	-44.52	≤-29.5	PASS
11N40MIMO	Ant2	2422	0~Reference	0.46	0.46	---	PASS
11N40MIMO	Ant2	2422	30~1000	0.46	-50.97	≤-29.54	PASS
11N40MIMO	Ant2	2422	1000~26500	0.46	-45.8	≤-29.54	PASS
11N40MIMO	Ant1	2437	0~Reference	0.72	0.72	---	PASS
11N40MIMO	Ant1	2437	30~1000	0.72	-50.85	≤-29.28	PASS
11N40MIMO	Ant1	2437	1000~26500	0.72	-45.9	≤-29.28	PASS
11N40MIMO	Ant2	2437	0~Reference	0.76	0.76	---	PASS
11N40MIMO	Ant2	2437	30~1000	0.76	-45.31	≤-29.24	PASS
11N40MIMO	Ant2	2437	1000~26500	0.76	-45.18	≤-29.24	PASS
11N40MIMO	Ant1	2452	0~Reference	-0.08	-0.08	---	PASS
11N40MIMO	Ant1	2452	30~1000	-0.08	-50.51	≤-30.08	PASS
11N40MIMO	Ant1	2452	1000~26500	-0.08	-46.04	≤-30.08	PASS
11N40MIMO	Ant2	2452	0~Reference	0.57	0.57	---	PASS
11N40MIMO	Ant2	2452	30~1000	0.57	-43.85	≤-29.43	PASS
11N40MIMO	Ant2	2452	1000~26500	0.57	-44.93	≤-29.43	PASS