

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

General Description of EUT	
Product Name:	tablet computer
Test Model:	AYANEO SLIDE
Sample ID:	202309-0095-4-2#
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 11.55V
Test Engineer:	Li ying jing
Note: For a more detailed features description, please refer to the report TBR-C-202309-0095-62 The report only show the worst case data.	

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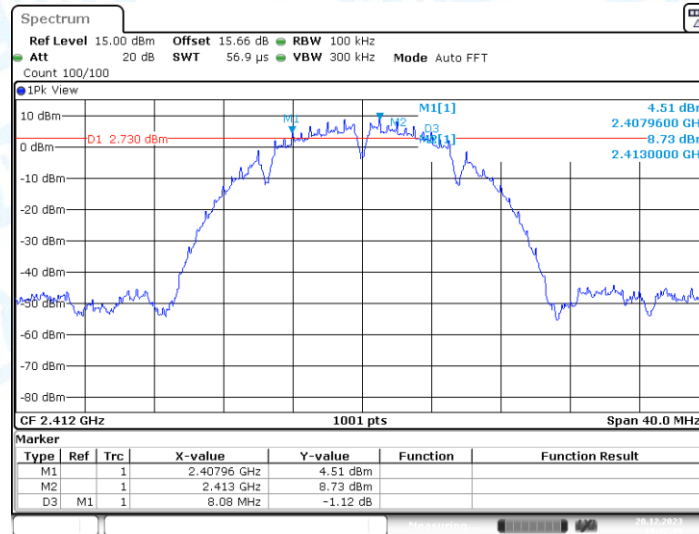
1. DTS Bandwidth

1.1. Test Result

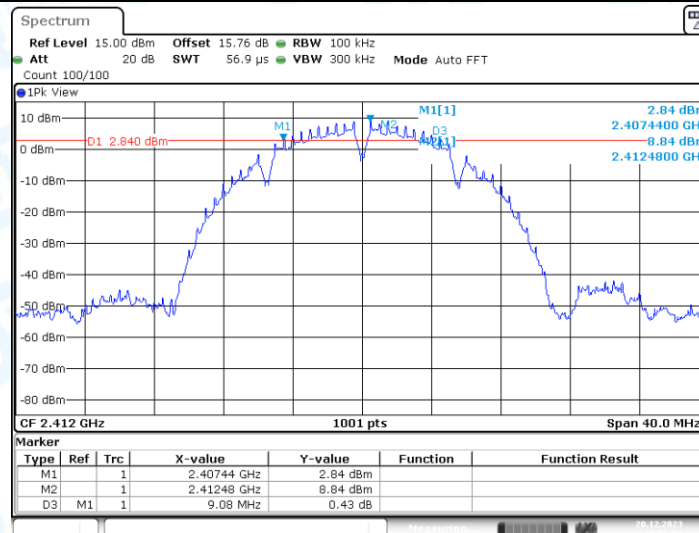
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	8.08	2407.96	2416.04	0.5	PASS
	Ant2	2412	9.08	2407.44	2416.52	0.5	PASS
	Ant1	2437	9.04	2432.48	2441.52	0.5	PASS
	Ant2	2437	9.04	2432.48	2441.52	0.5	PASS
	Ant1	2462	9.04	2457.48	2466.52	0.5	PASS
	Ant2	2462	9.04	2457.48	2466.52	0.5	PASS
11G-CDD	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant2	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant1	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant2	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant1	2462	15.12	2454.44	2469.56	0.5	PASS
	Ant2	2462	15.12	2454.44	2469.56	0.5	PASS
11N20MIMO	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant2	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant1	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant2	2437	15.08	2429.44	2444.52	0.5	PASS
	Ant1	2462	15.08	2454.48	2469.56	0.5	PASS
	Ant2	2462	15.08	2454.48	2469.56	0.5	PASS
11N40MIMO	Ant1	2422	35.04	2404.48	2439.52	0.5	PASS
	Ant2	2422	30.32	2409.20	2439.52	0.5	PASS
	Ant1	2437	35.12	2419.48	2454.60	0.5	PASS
	Ant2	2437	35.12	2419.48	2454.60	0.5	PASS
	Ant1	2452	35.04	2434.48	2469.52	0.5	PASS
	Ant2	2452	35.12	2434.48	2469.60	0.5	PASS
11AX20MIMO	Ant1	2412	15.12	2404.44	2419.56	0.5	PASS
	Ant2	2412	15.08	2404.48	2419.56	0.5	PASS
	Ant1	2437	15.12	2429.44	2444.56	0.5	PASS
	Ant2	2437	17.56	2428.24	2445.80	0.5	PASS
	Ant1	2462	15.08	2454.48	2469.56	0.5	PASS
	Ant2	2462	15.12	2454.44	2469.56	0.5	PASS
11AX40MIMO	Ant1	2422	35.12	2404.40	2439.52	0.5	PASS
	Ant2	2422	35.04	2404.48	2439.52	0.5	PASS
	Ant1	2437	35.12	2419.40	2454.52	0.5	PASS
	Ant2	2437	35.84	2419.16	2455.00	0.5	PASS
	Ant1	2452	35.12	2434.40	2469.52	0.5	PASS
	Ant2	2452	35.12	2434.40	2469.52	0.5	PASS

1.2. Test Graphs

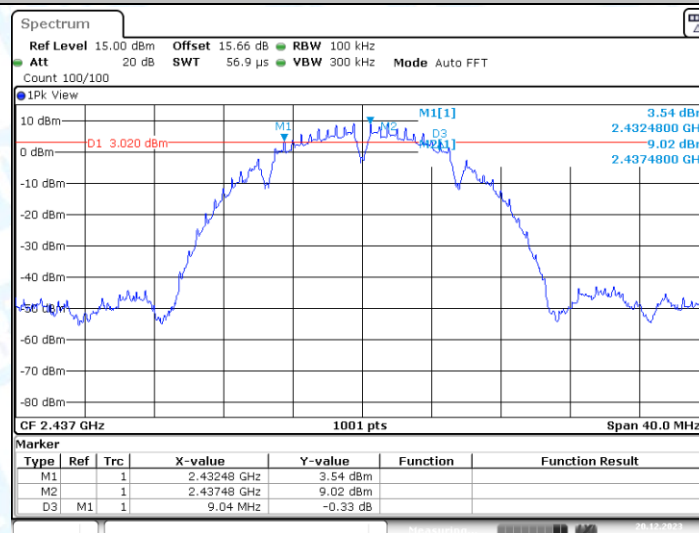
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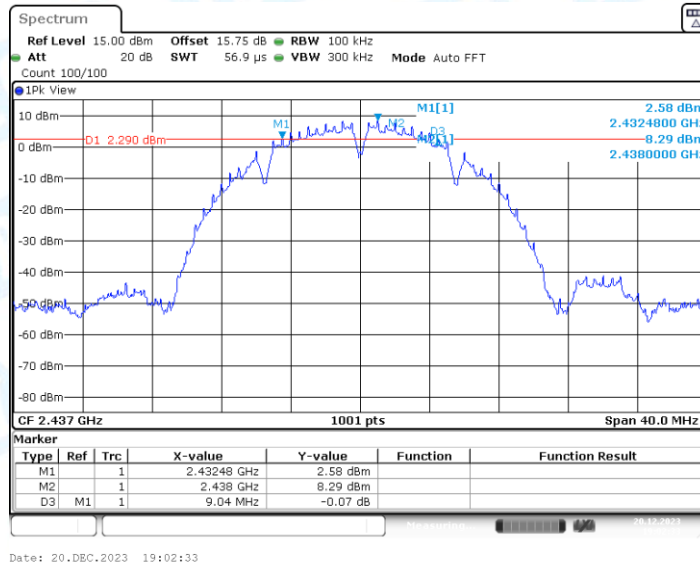
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11B-CDD_Ant1_2437



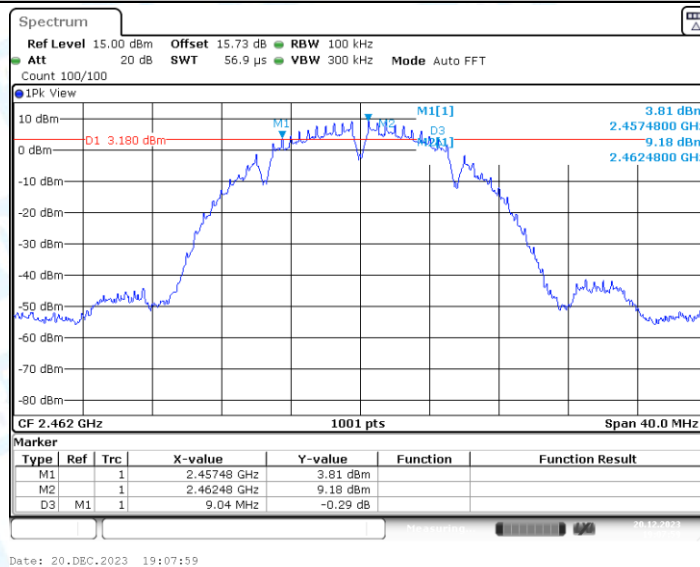
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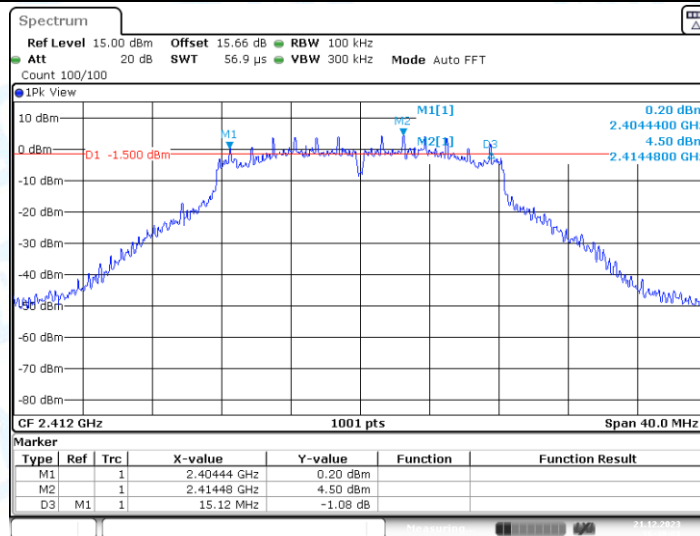
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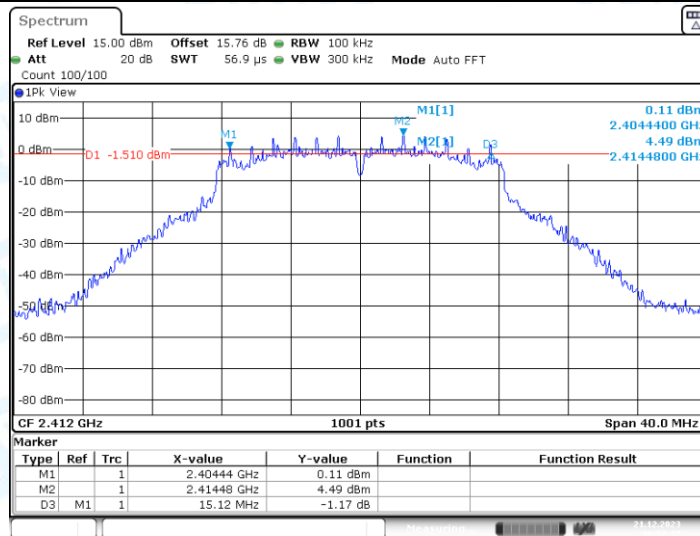


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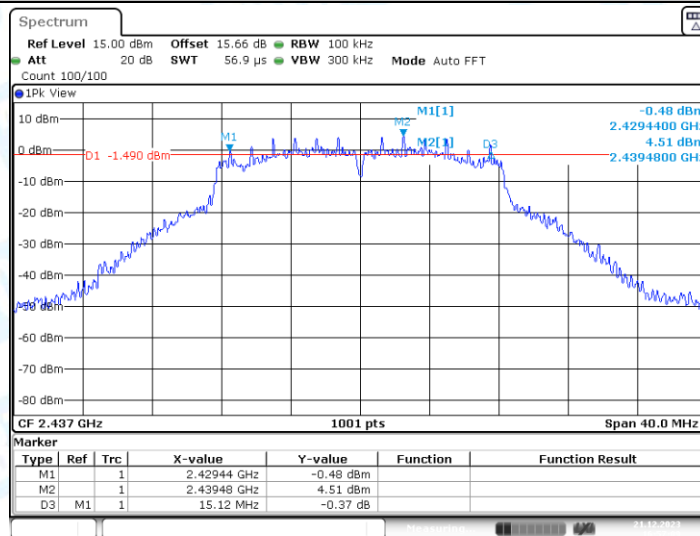
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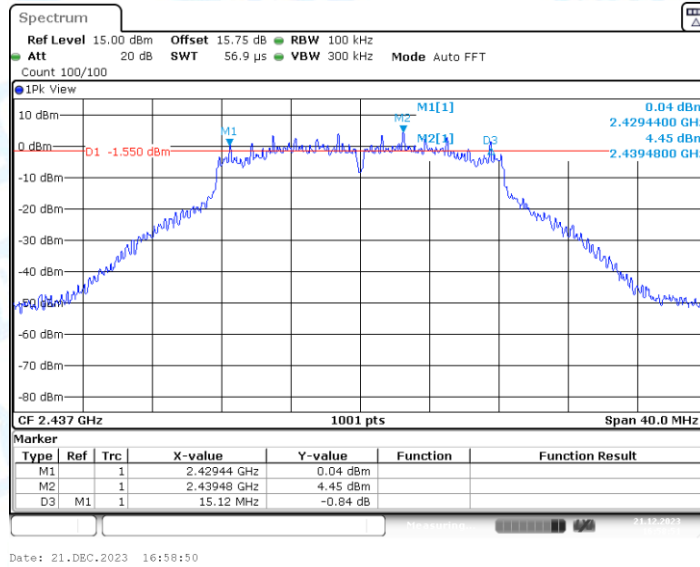
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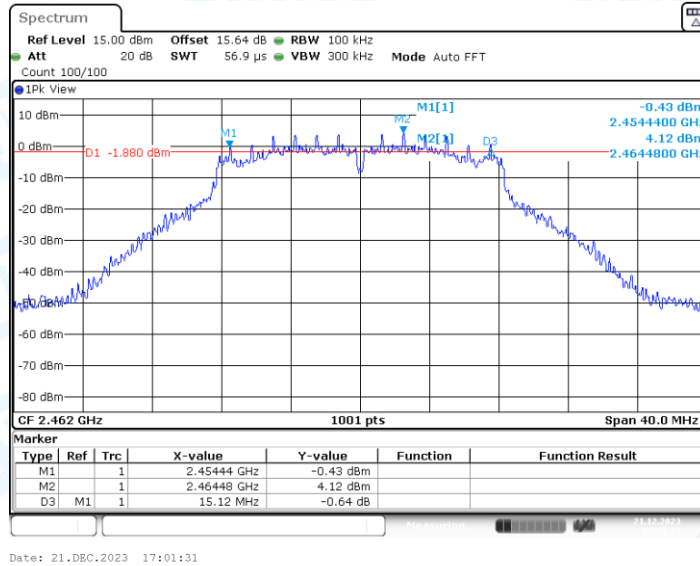


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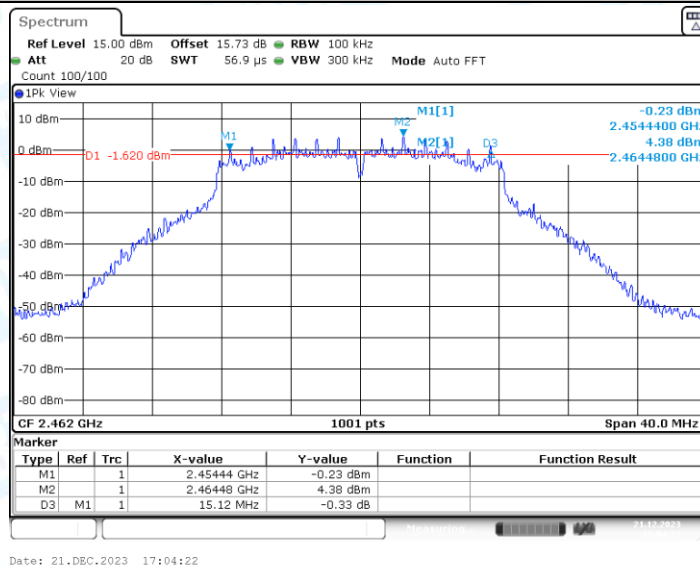
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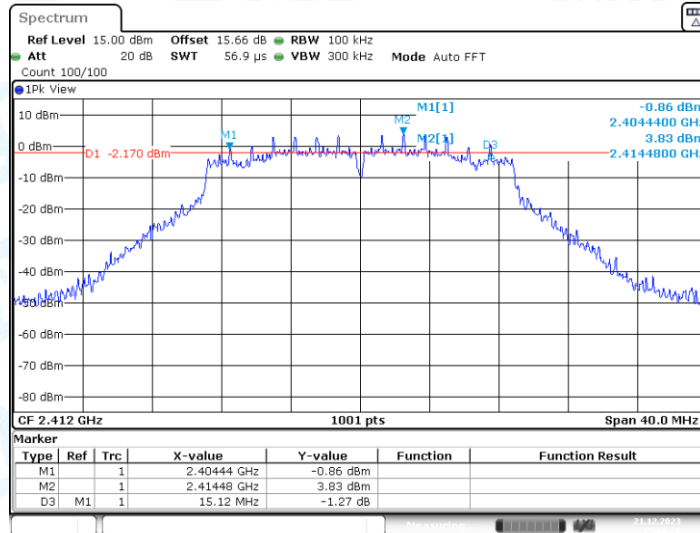
11G-CDD_Ant1_2462



11G-CDD_Ant2_2462

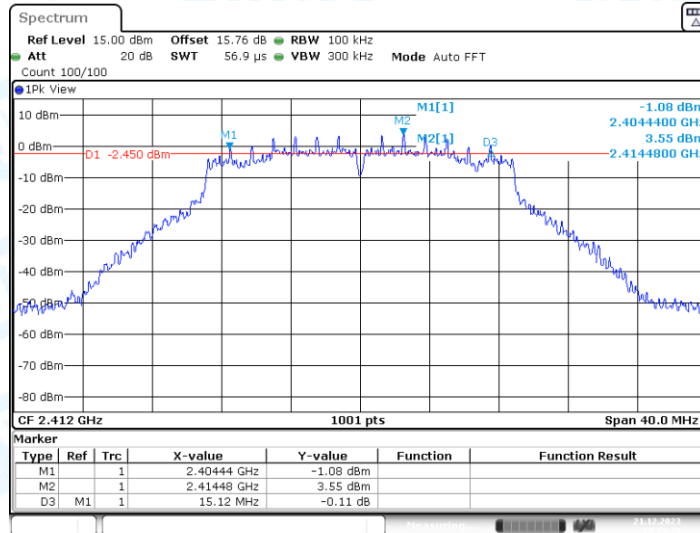


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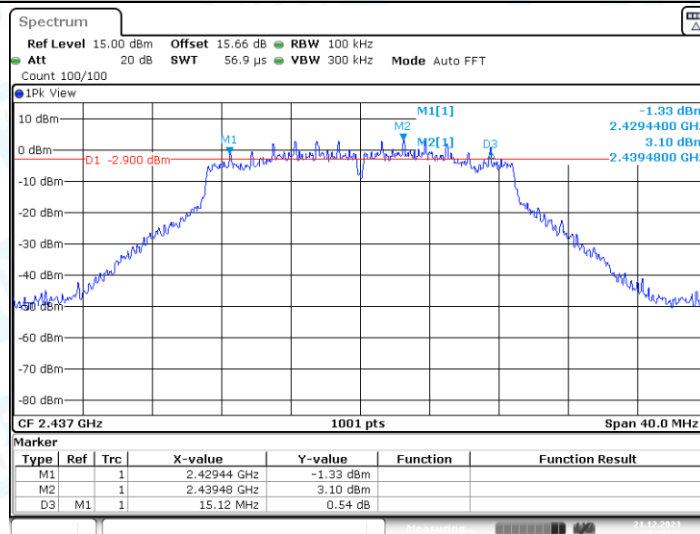
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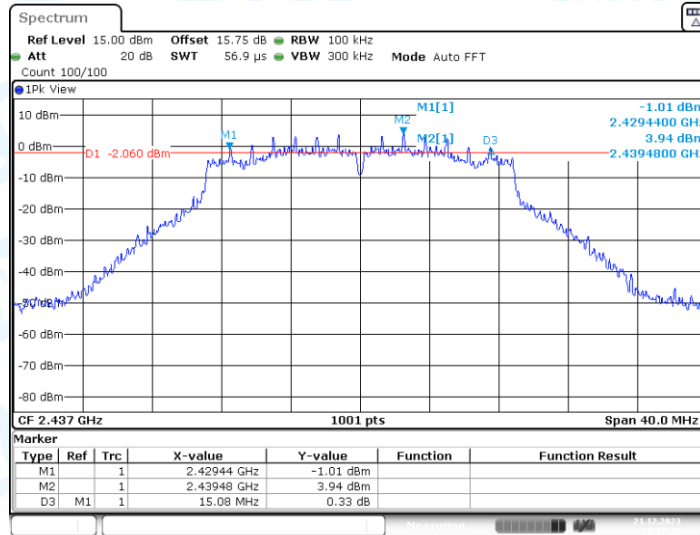
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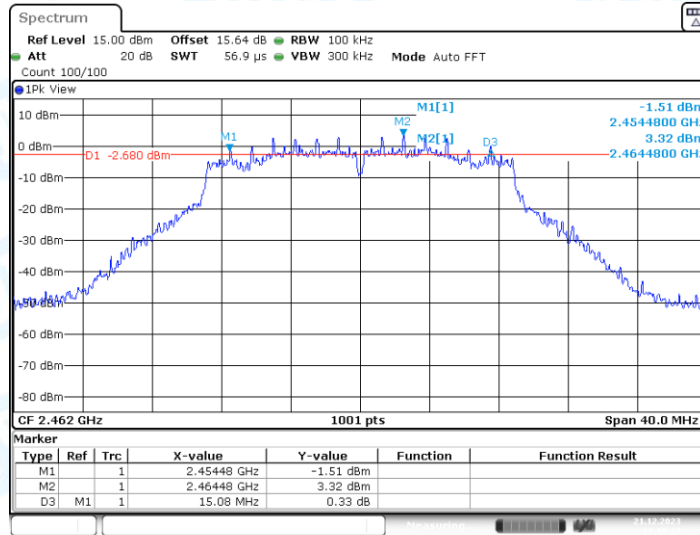


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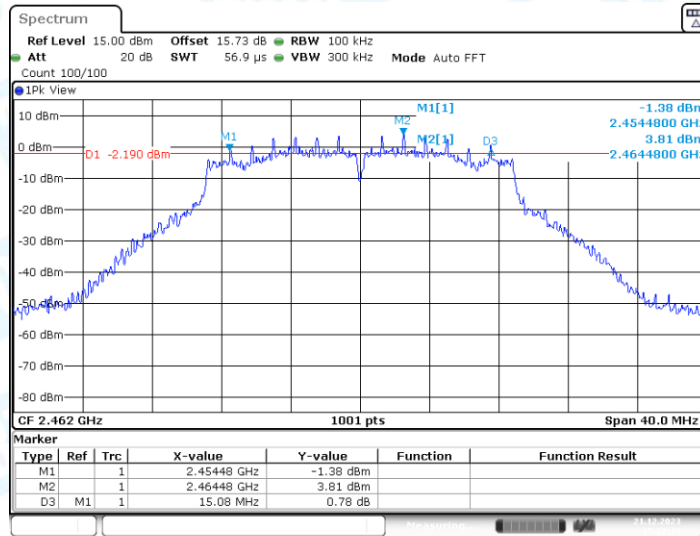
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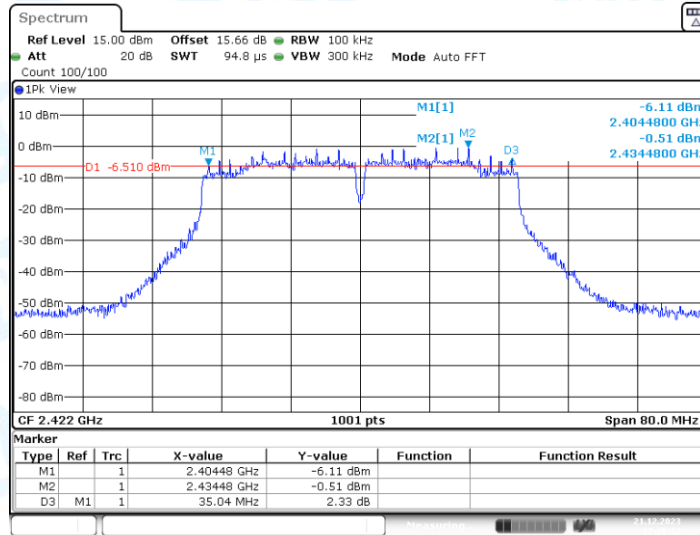
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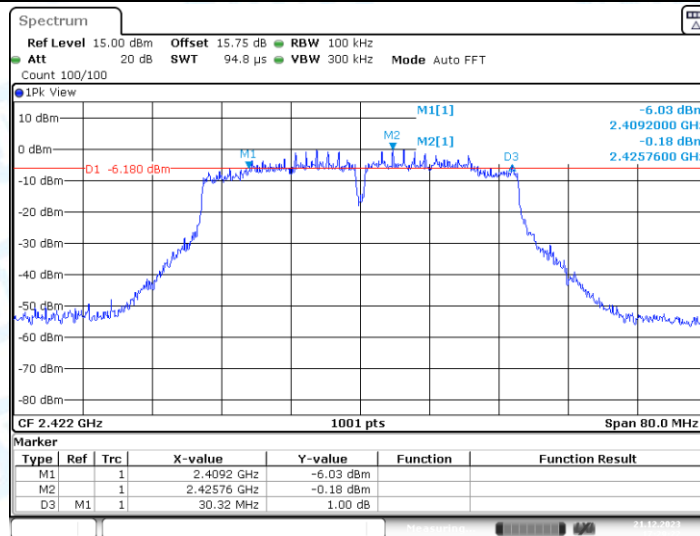


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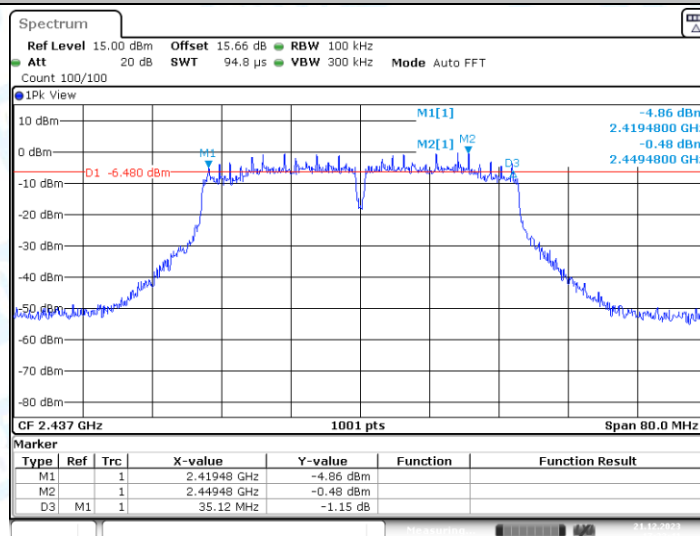
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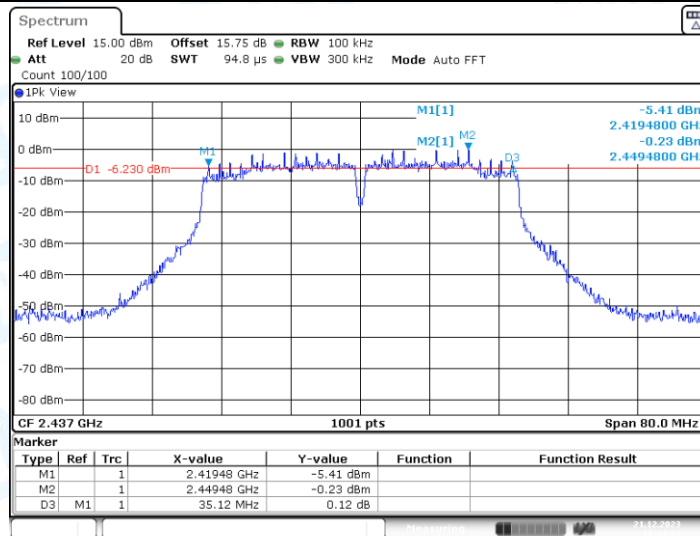
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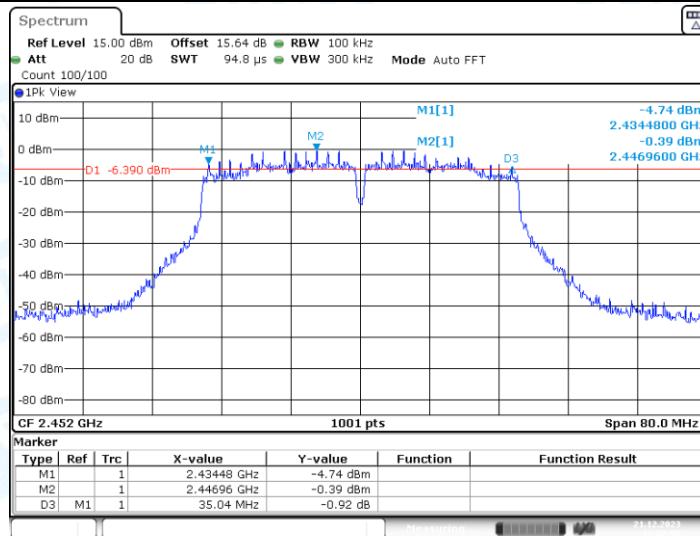


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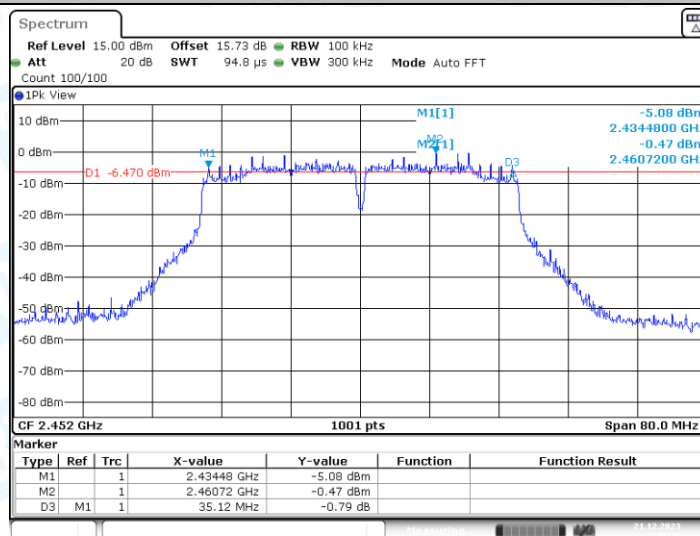
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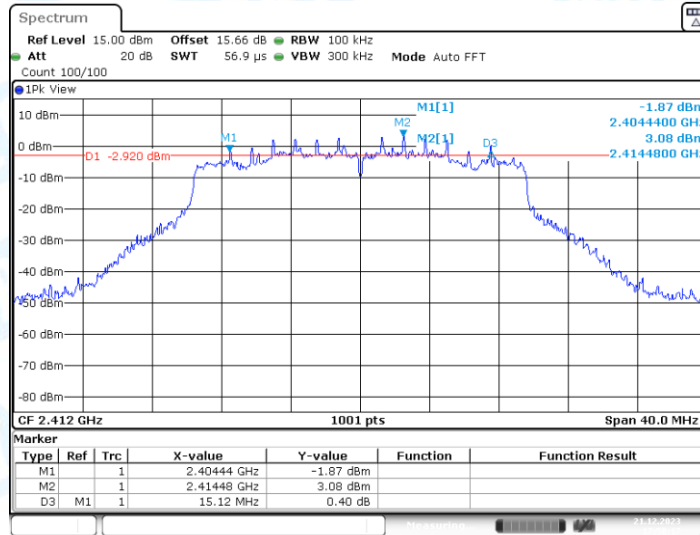
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11N40MIMO_Ant2_2452

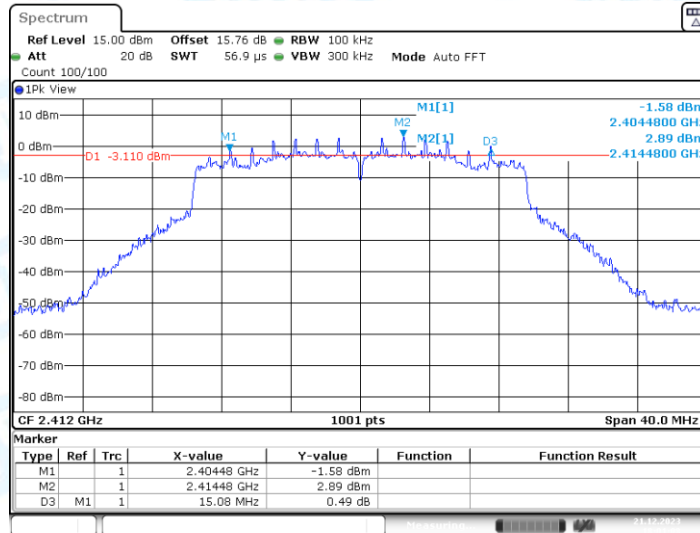


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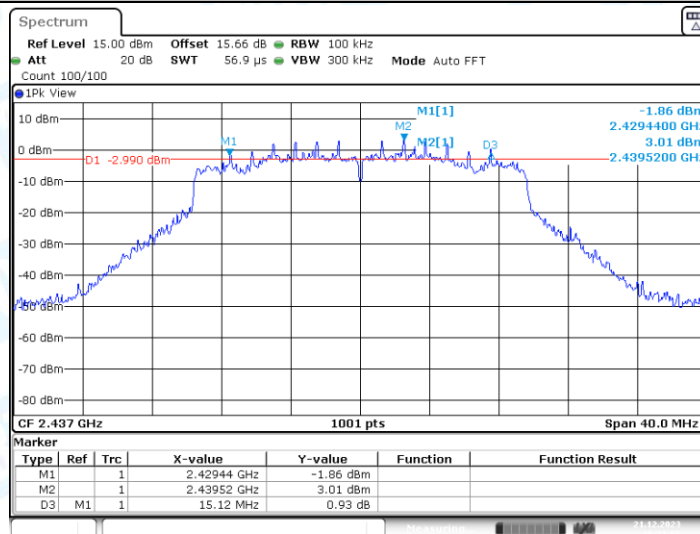
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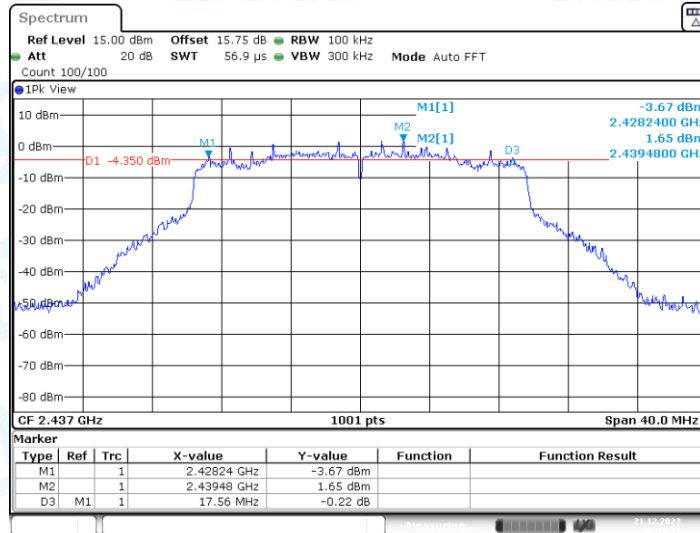
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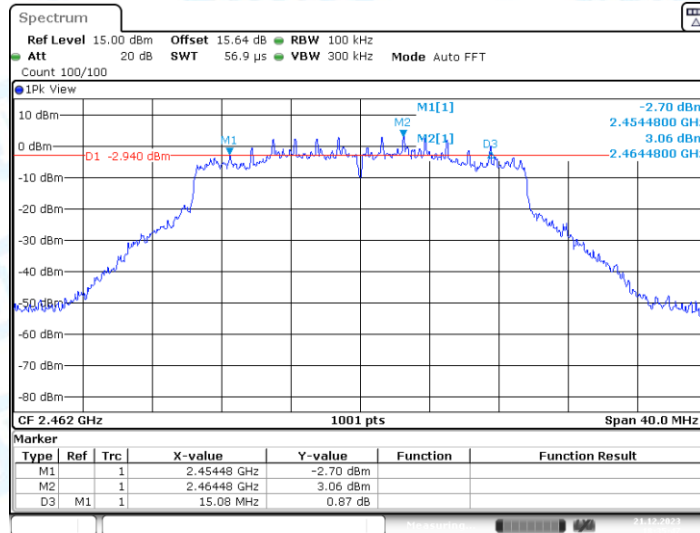
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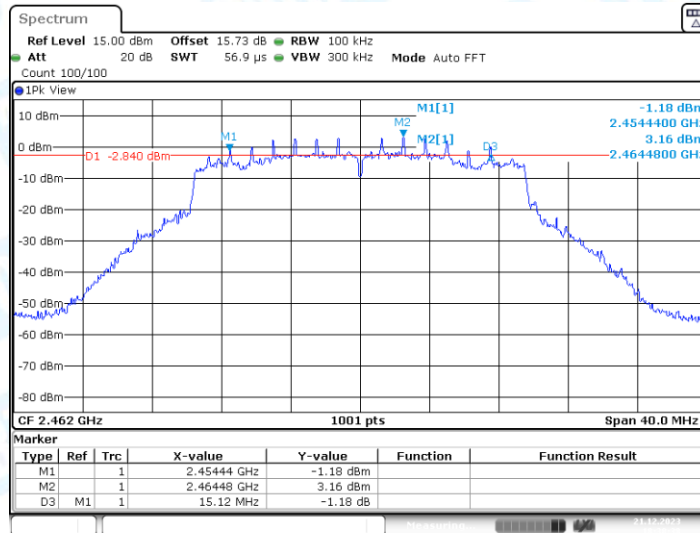
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11AX20MIMO_Ant1_2462



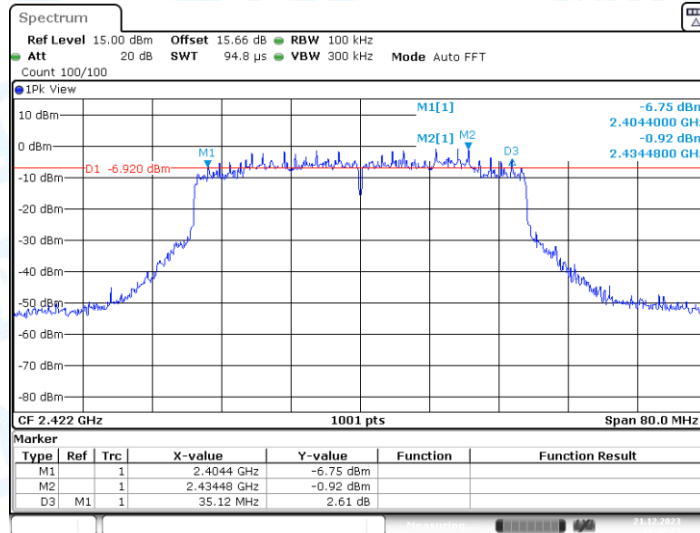
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11AX20MIMO_Ant2_2462



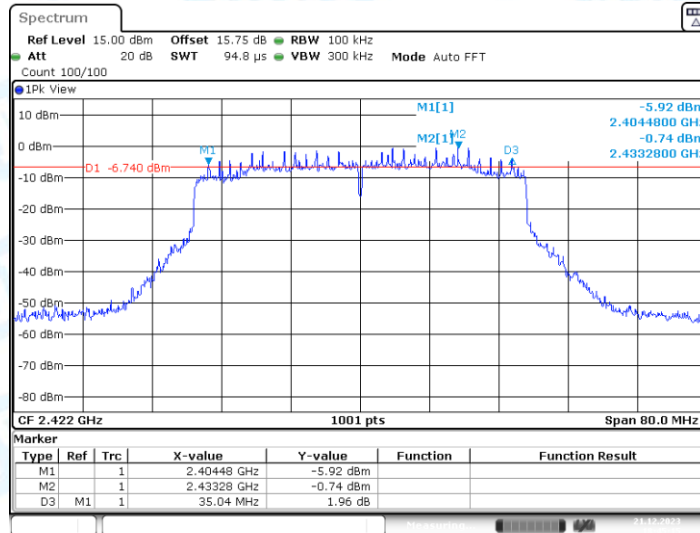
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11AX40MIMO_Ant1_2422



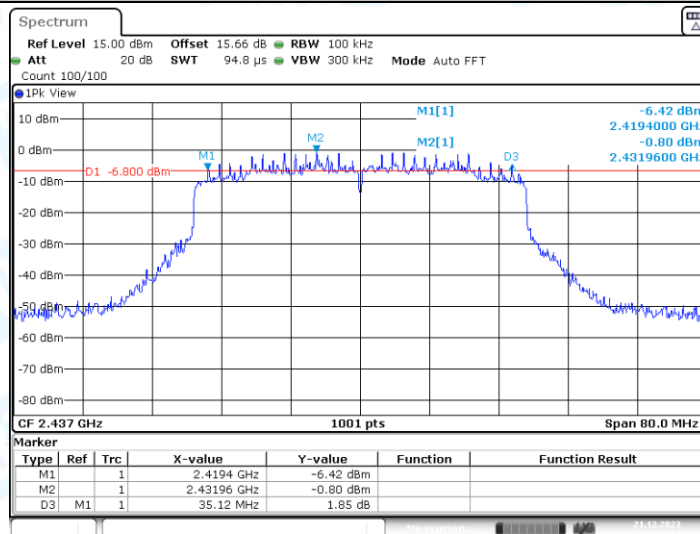
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11AX40MIMO_Ant2_2422



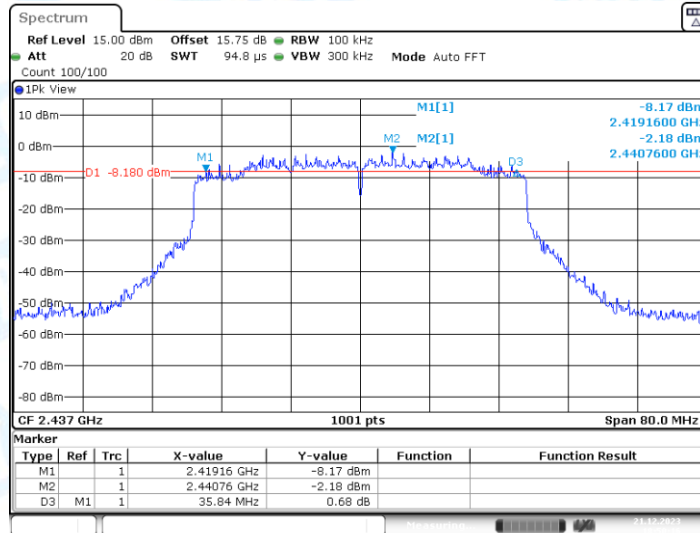
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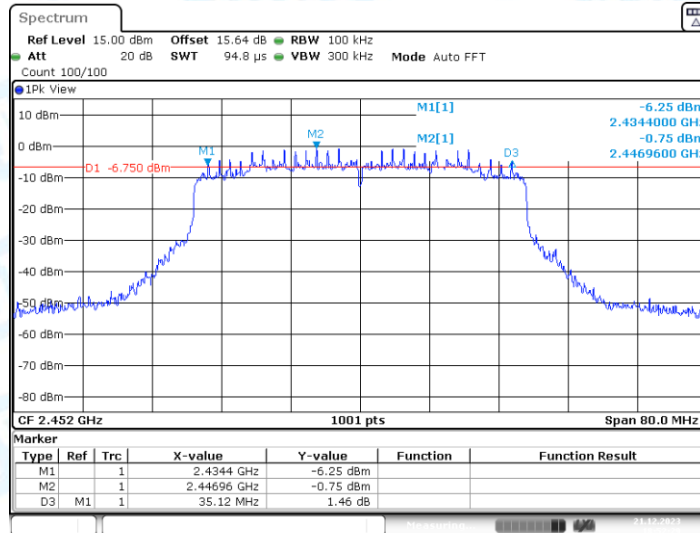
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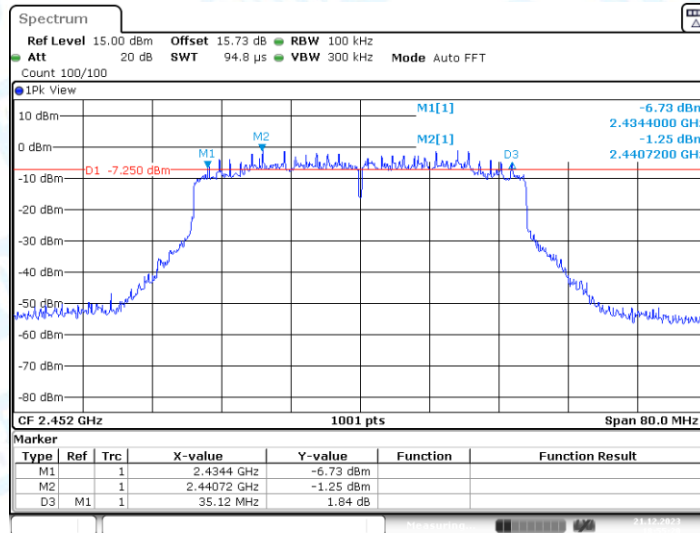
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11AX40MIMO_Ant1_2452



Date: 21.DEC.2023 18:52:29

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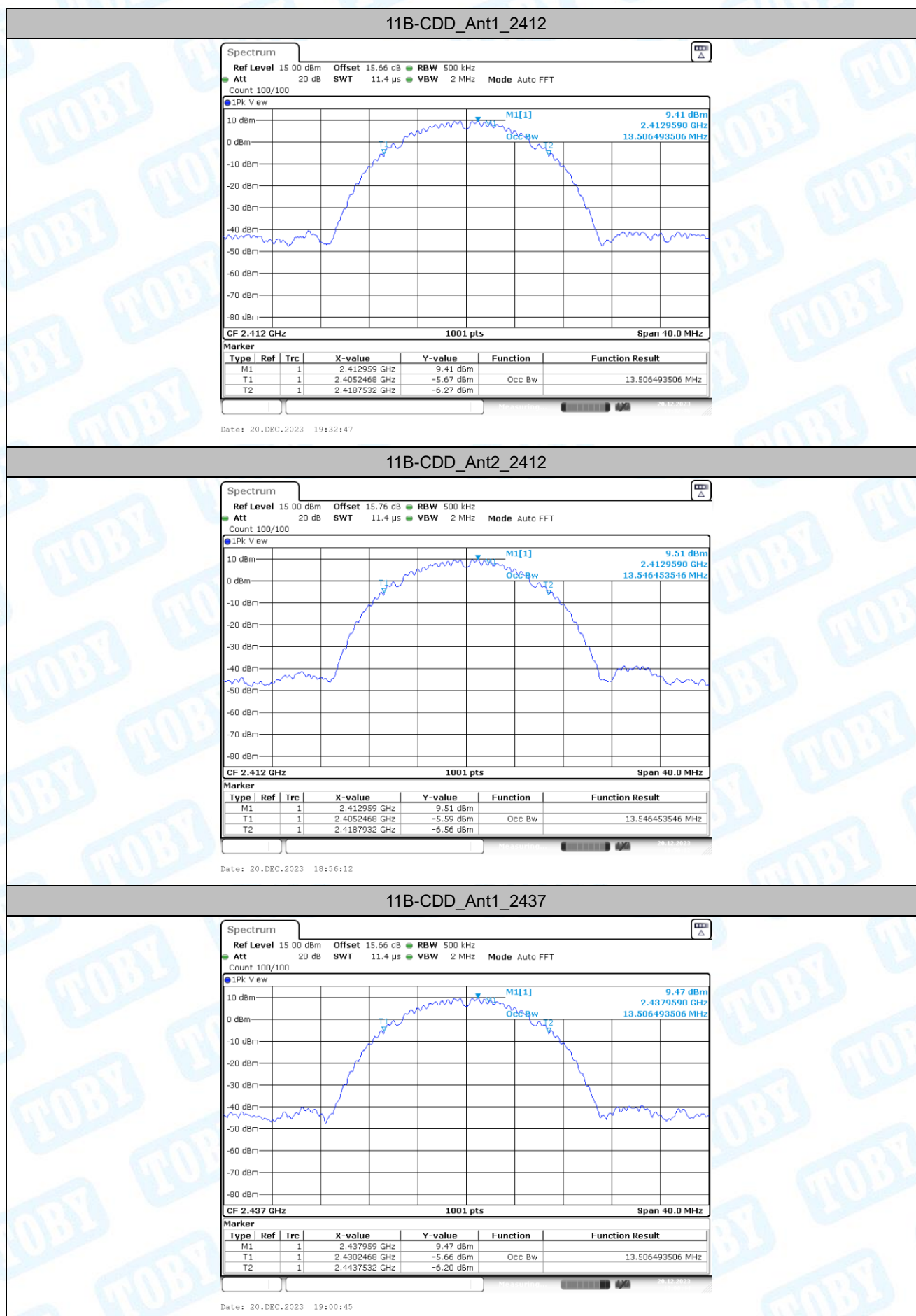
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2. Occupied Channel Bandwidth

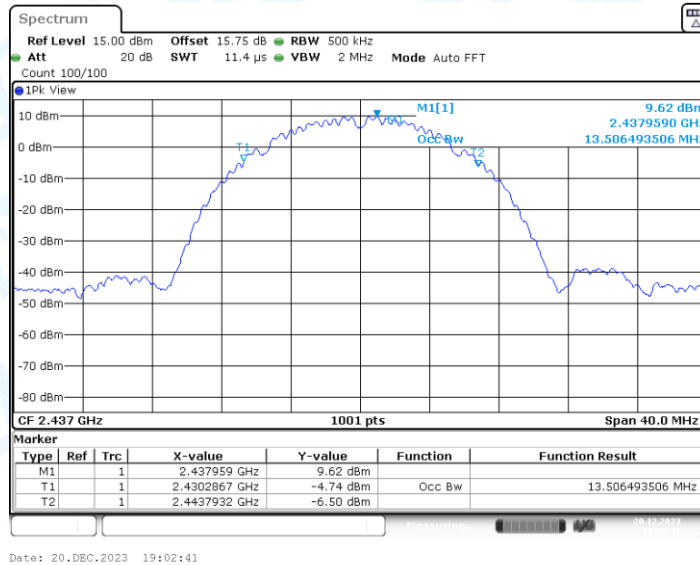
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	13.506	2405.2468	2418.7532	---	---
	Ant2	2412	13.546	2405.2468	2418.7932	---	---
	Ant1	2437	13.506	2430.2468	2443.7532	---	---
	Ant2	2437	13.506	2430.2867	2443.7932	---	---
	Ant1	2462	13.427	2455.2867	2468.7133	---	---
	Ant2	2462	13.506	2455.2468	2468.7532	---	---
11G-CDD	Ant1	2412	17.143	2403.4086	2420.5514	---	---
	Ant2	2412	16.783	2403.5285	2420.3117	---	---
	Ant1	2437	16.983	2428.6084	2445.5914	---	---
	Ant2	2437	16.823	2428.6084	2445.4316	---	---
	Ant1	2462	17.223	2453.4885	2470.7113	---	---
	Ant2	2462	17.063	2453.3686	2470.4316	---	---
11N20MIMO	Ant1	2412	18.182	2402.9291	2421.1109	---	---
	Ant2	2412	17.822	2403.0889	2420.9111	---	---
	Ant1	2437	18.062	2427.9690	2446.0310	---	---
	Ant2	2437	18.302	2427.8092	2446.1109	---	---
	Ant1	2462	18.062	2452.8492	2470.9111	---	---
	Ant2	2462	18.062	2453.0090	2471.0709	---	---
11N40MIMO	Ant1	2422	36.124	2403.9381	2440.0619	---	---
	Ant2	2422	36.124	2403.9381	2440.0619	---	---
	Ant1	2437	36.284	2419.0180	2455.3017	---	---
	Ant2	2437	36.044	2419.0180	2455.0619	---	---
	Ant1	2452	36.124	2434.0979	2470.2218	---	---
	Ant2	2452	36.124	2434.0180	2470.1419	---	---
11AX20MIMO	Ant1	2412	18.981	2402.5295	2421.5105	---	---
	Ant2	2412	18.901	2402.5295	2421.4306	---	---
	Ant1	2437	19.101	2427.4496	2446.5504	---	---
	Ant2	2437	18.861	2427.6094	2446.4705	---	---
	Ant1	2462	18.941	2452.4895	2471.4306	---	---
	Ant2	2462	18.901	2452.4895	2471.3906	---	---
11AX40MIMO	Ant1	2422	37.483	2403.2188	2440.7013	---	---
	Ant2	2422	37.403	2403.3786	2440.7812	---	---
	Ant1	2437	37.403	2418.2188	2455.6214	---	---
	Ant2	2437	37.243	2418.3786	2455.6214	---	---
	Ant1	2452	37.722	2433.1389	2470.8611	---	---
	Ant2	2452	37.642	2432.9790	2470.6214	---	---

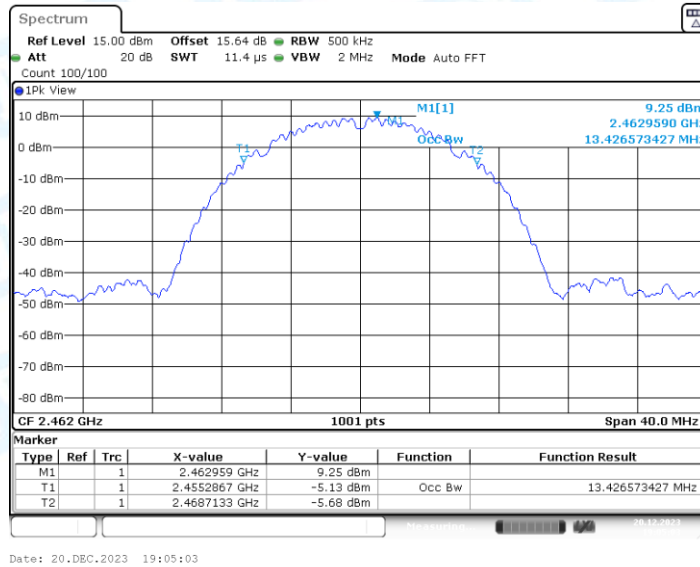
2.2. Test Graphs



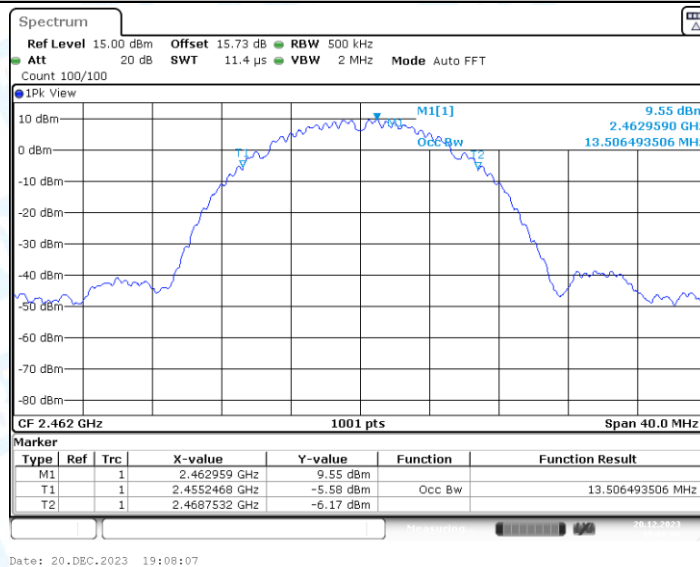
11B-CDD_Ant2_2437



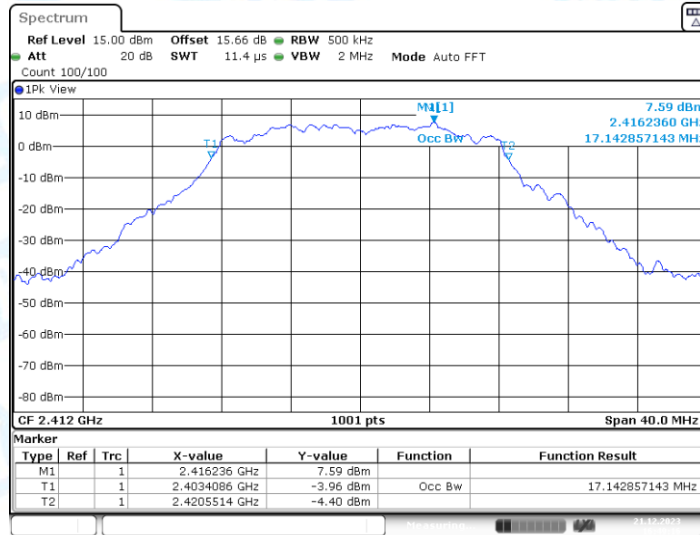
11B-CDD_Ant1_2462



11B-CDD_Ant2_2462

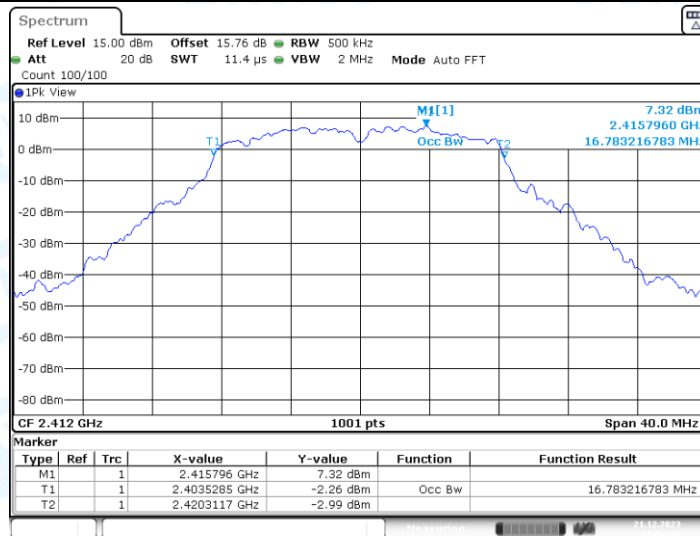


11G-CDD_Ant1_2412



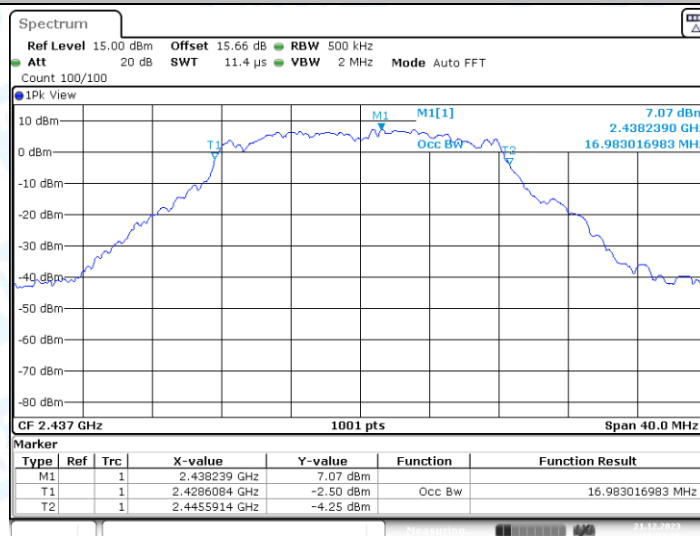
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11G-CDD_Ant2_2412



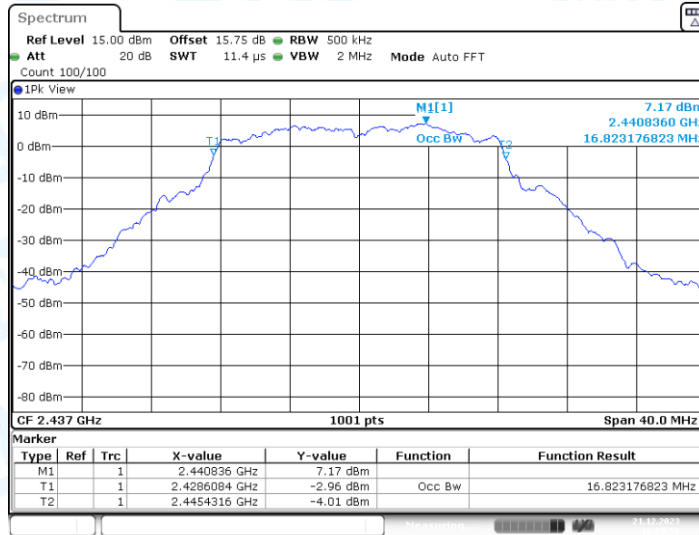
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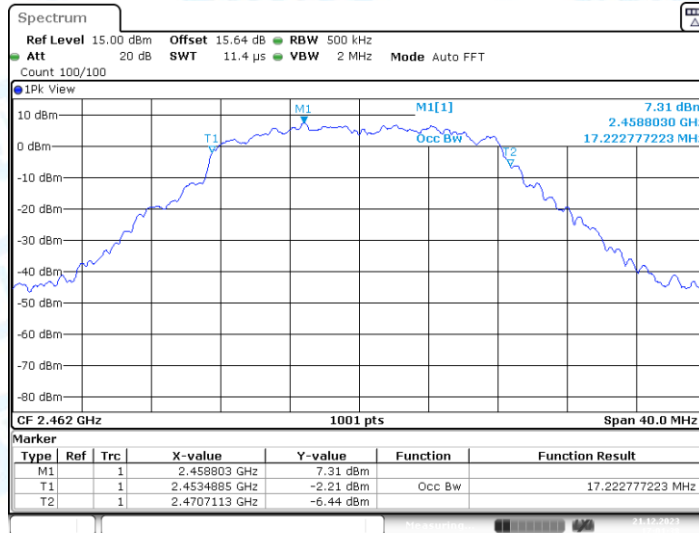
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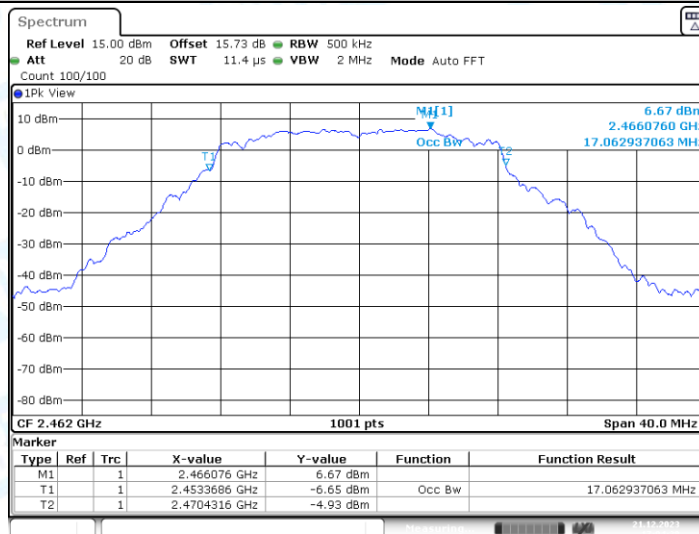
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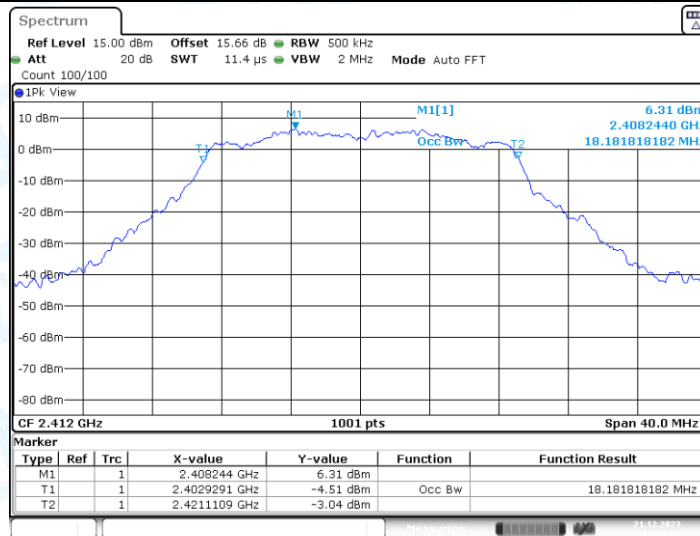
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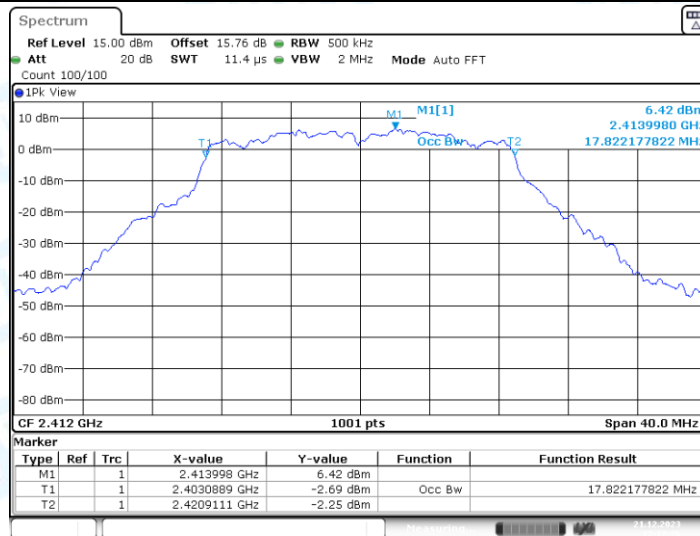
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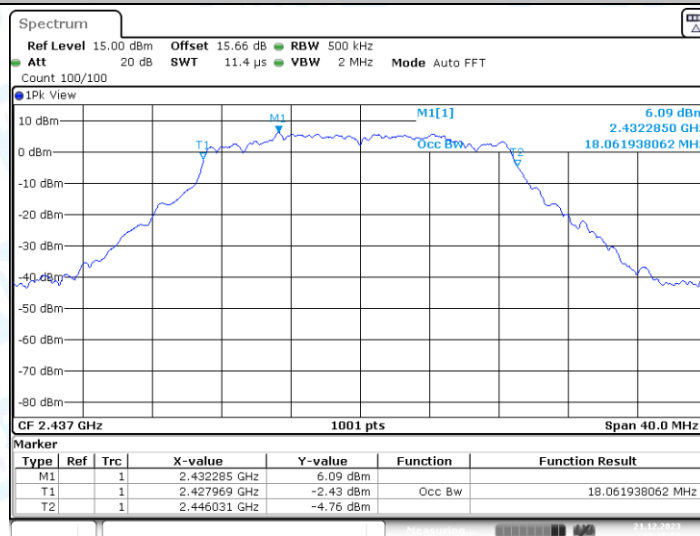
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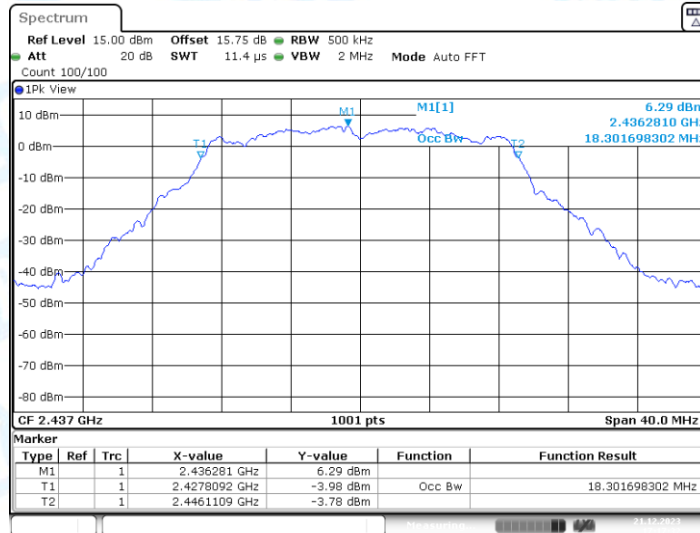
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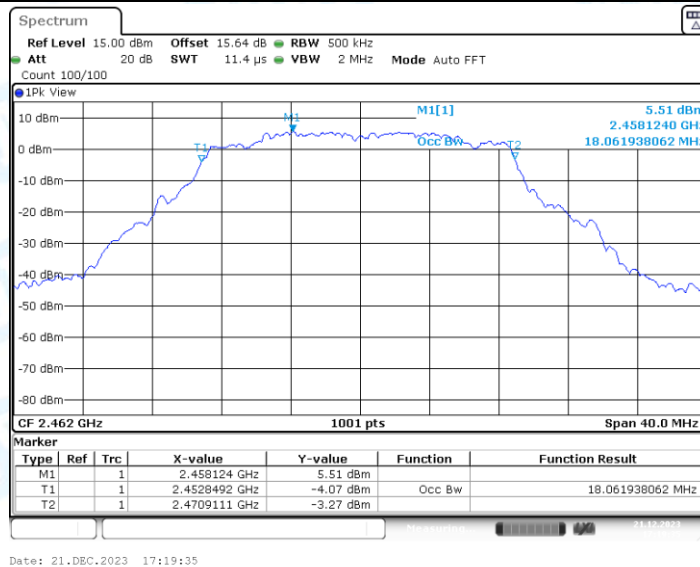


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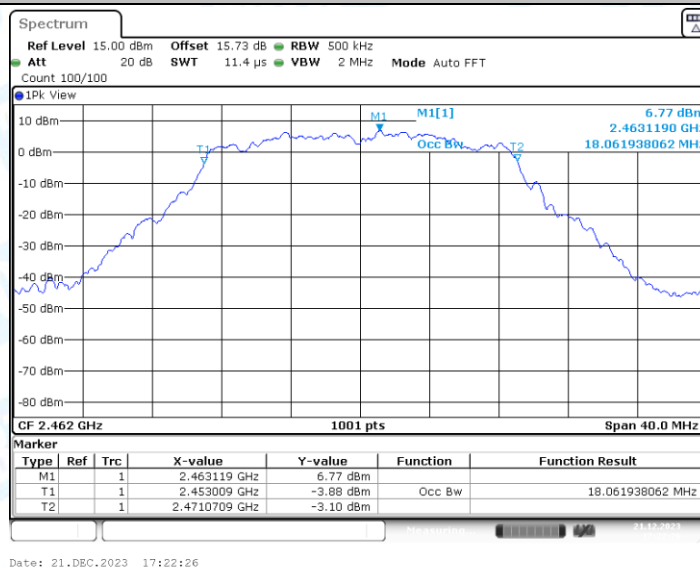
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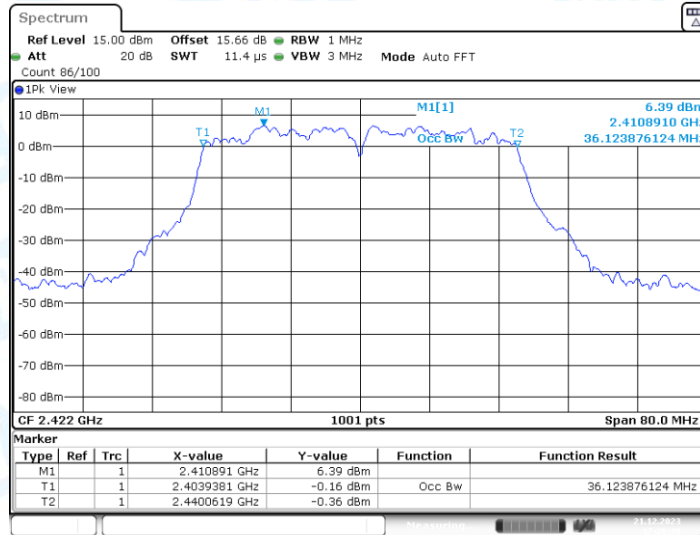
11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462

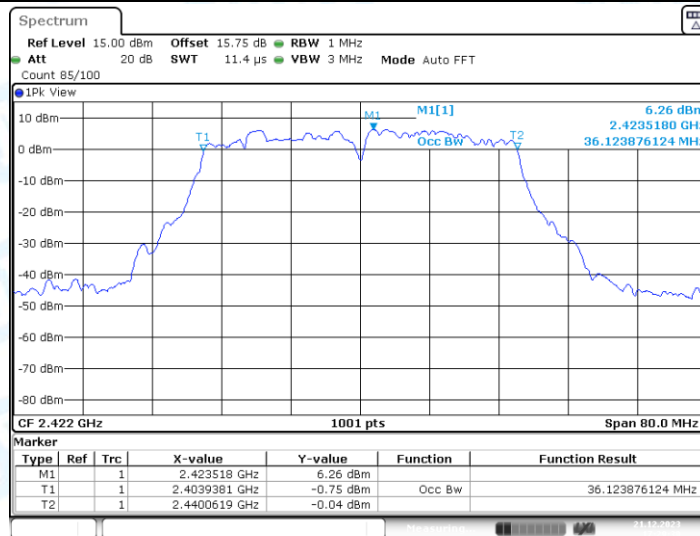


11N40MIMO_Ant1_2422



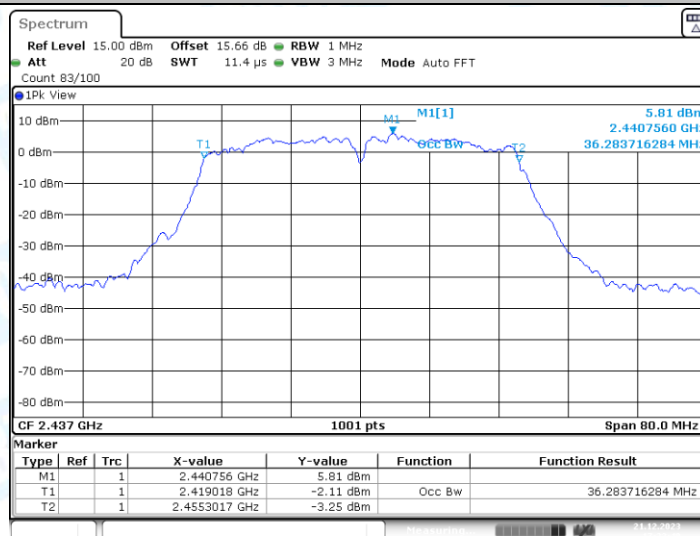
Date: 21.DEC.2023 17:26:39

11N40MIMO_Ant2_2422



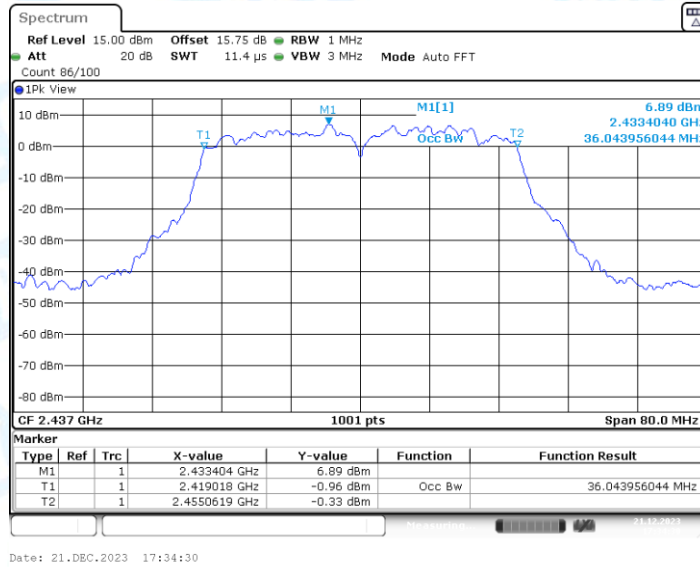
Date: 21.DEC.2023 17:29:30

11N40MIMO_Ant1_2437

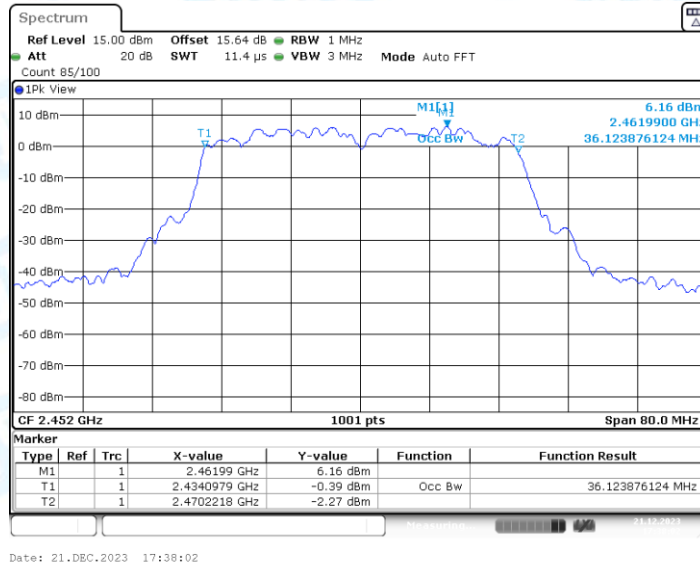


Date: 21.DEC.2023 17:32:49

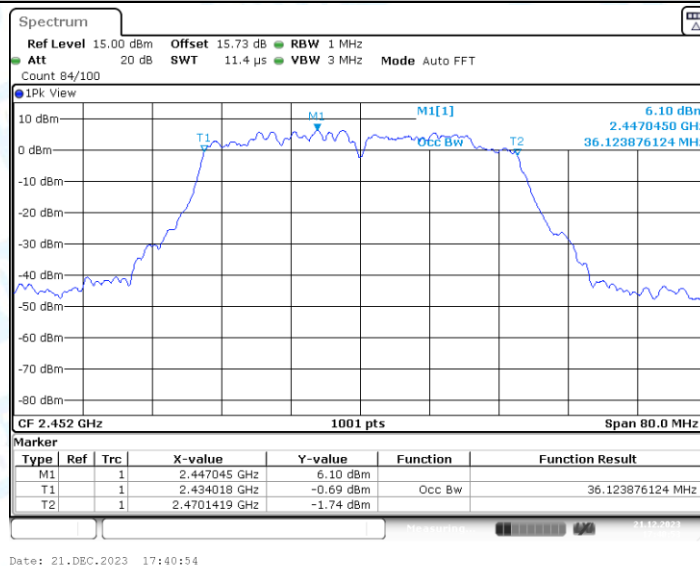
11N40MIMO_Ant2_2437



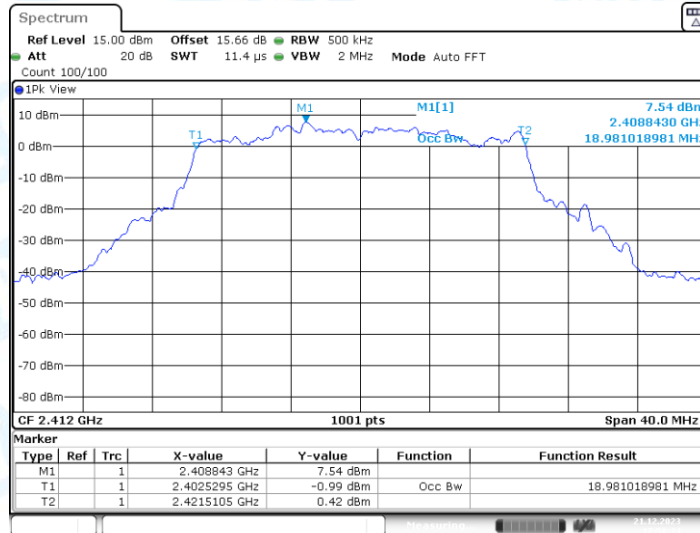
11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

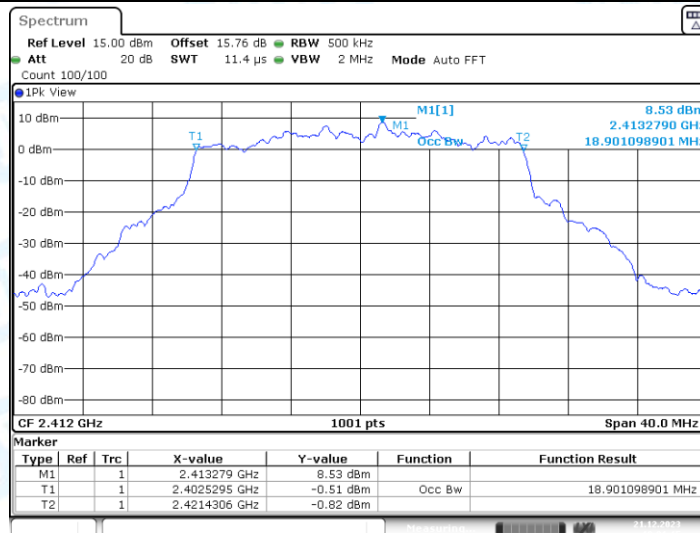


11AX20MIMO_Ant1_2412



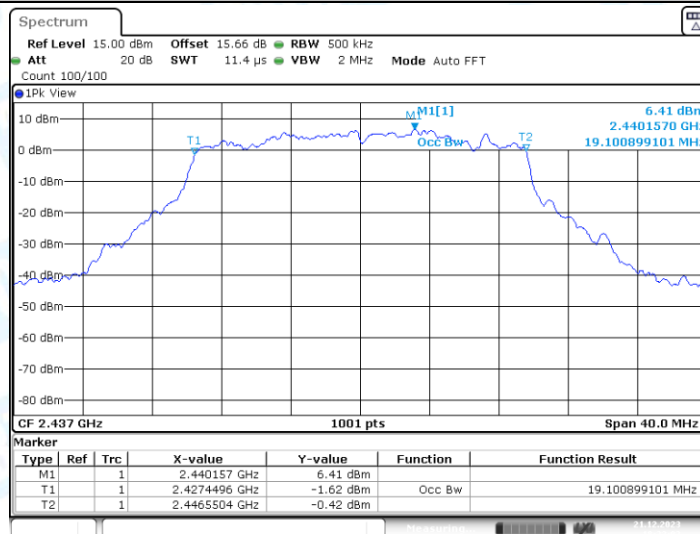
Date: 21.DEC.2023 17:58:25

11AX20MIMO_Ant2_2412



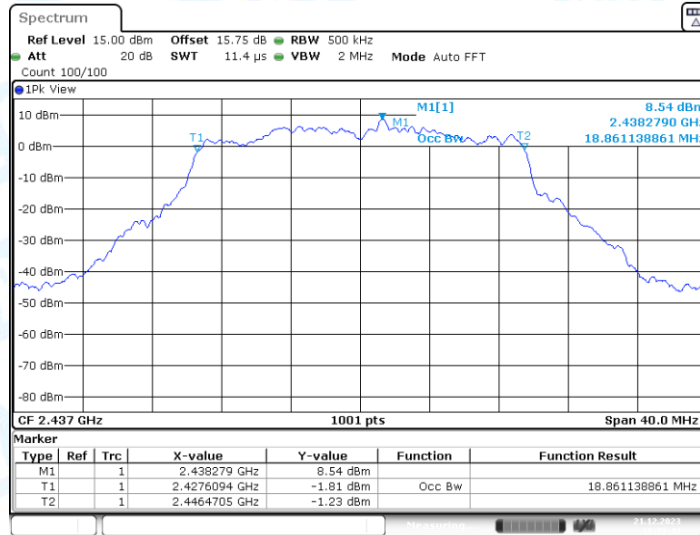
Date: 21.DEC.2023 18:01:15

11AX20MIMO_Ant1_2437

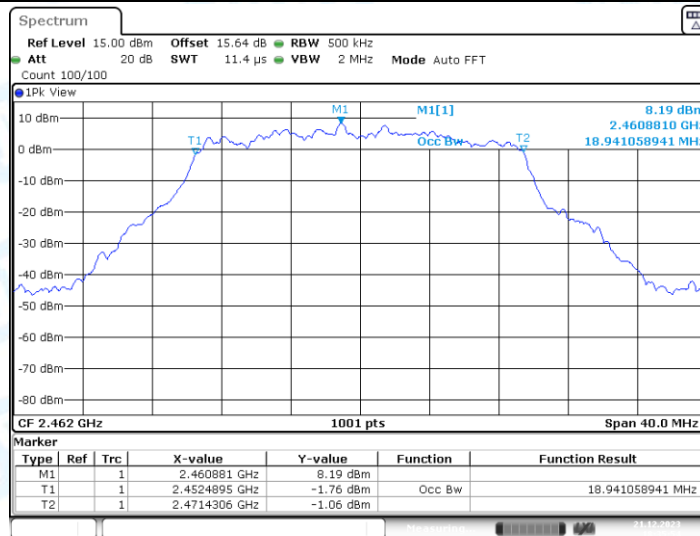


Date: 21.DEC.2023 18:32:03

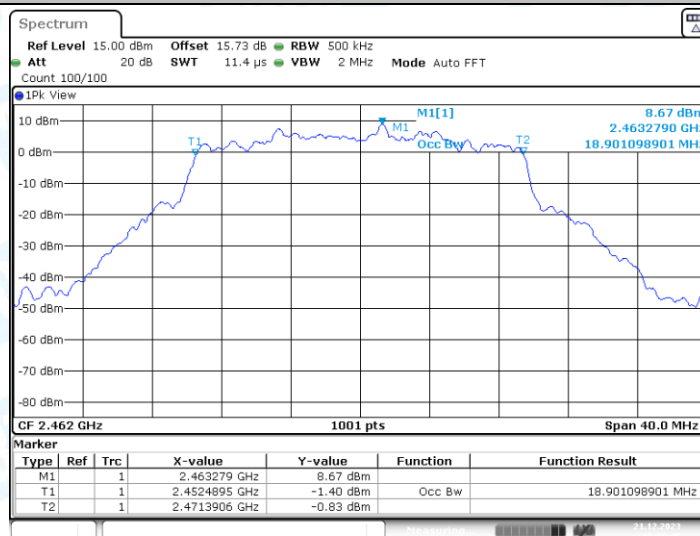
11AX20MIMO_Ant2_2437



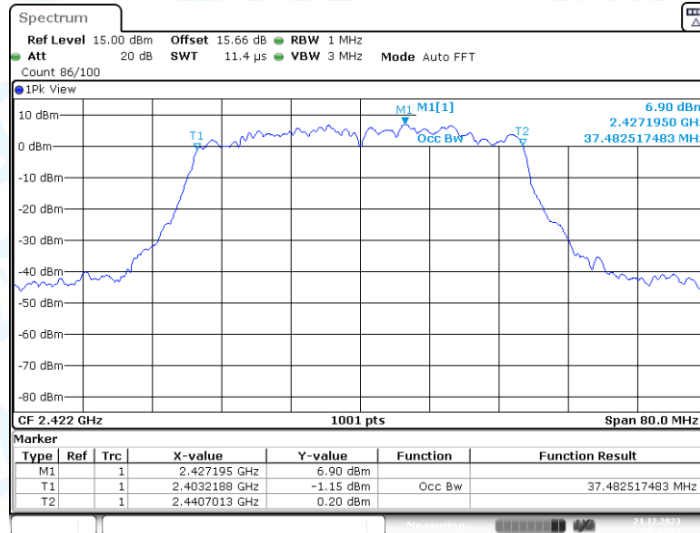
11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462

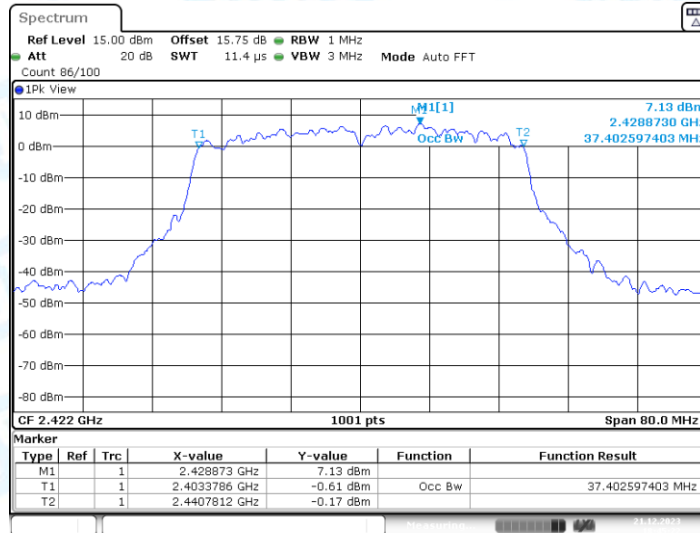


11AX40MIMO_Ant1_2422



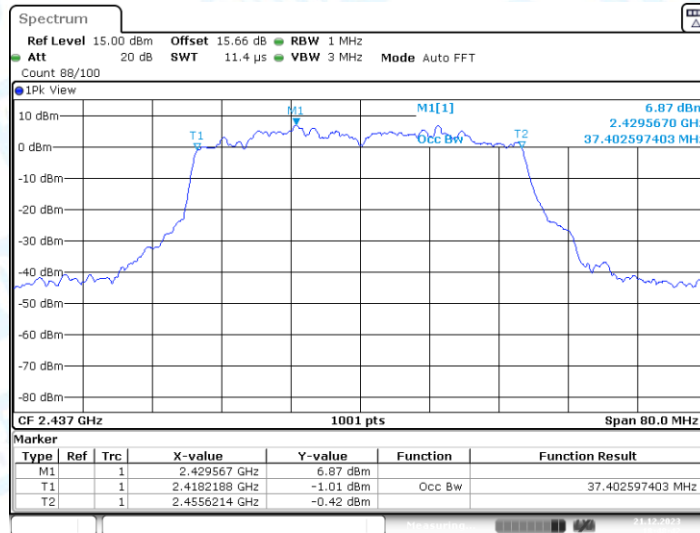
Date: 21.DEC.2023 18:42:31

11AX40MIMO_Ant2_2422



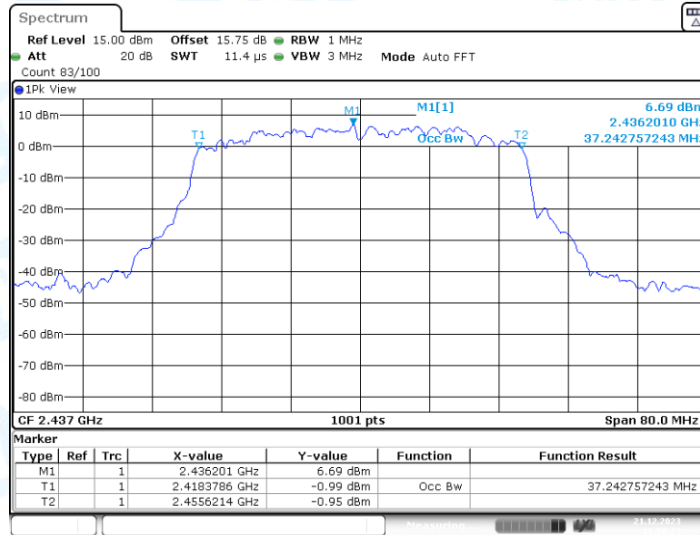
Date: 21.DEC.2023 18:45:22

11AX40MIMO_Ant1_2437



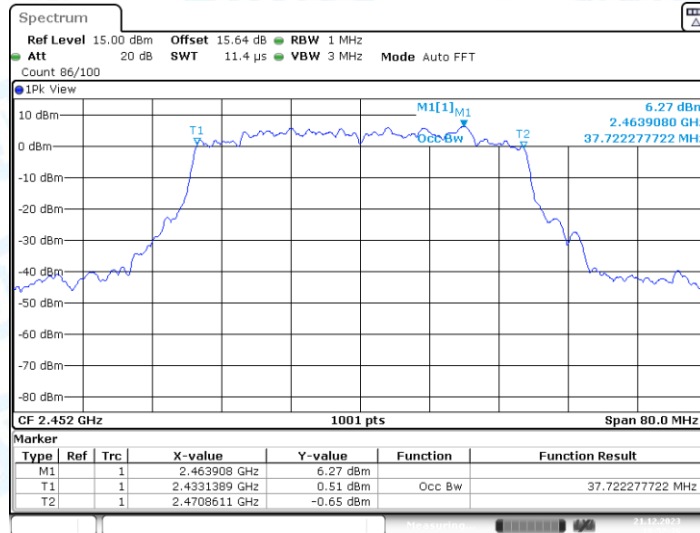
Date: 21.DEC.2023 18:48:42

11AX40MIMO_Ant2_2437



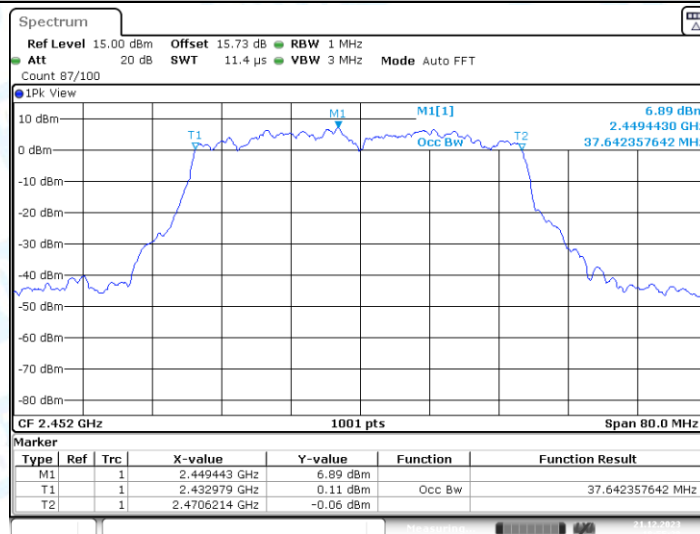
Date: 21.DEC.2023 18:50:24

11AX40MIMO_Ant1_2452



Date: 21.DEC.2023 18:52:37

11AX40MIMO_Ant2_2452



Date: 21.DEC.2023 18:55:28

3. Maximum conducted output power

3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]
11B-CDD	Ant1	2412	17.48	≤30.00
	Ant2	2412	17.57	≤30.00
	total	2412	20.54	≤29.80
	Ant1	2437	17.51	≤30.00
	Ant2	2437	17.64	≤30.00
	total	2437	20.59	≤29.80
	Ant1	2462	17.39	≤30.00
	Ant2	2462	17.60	≤30.00
	total	2462	20.51	≤29.80
11G-CDD	Ant1	2412	14.33	≤30.00
	Ant2	2412	14.35	≤30.00
	total	2412	17.35	≤29.80
	Ant1	2437	14.21	≤30.00
	Ant2	2437	14.22	≤30.00
	total	2437	17.23	≤29.80
	Ant1	2462	13.89	≤30.00
	Ant2	2462	14.04	≤30.00
	total	2462	16.98	≤29.80
11N20MIMO	Ant1	2412	13.37	≤30.00
	Ant2	2412	13.24	≤30.00
	total	2412	16.32	≤29.80
	Ant1	2437	13.38	≤30.00
	Ant2	2437	13.43	≤30.00
	total	2437	16.42	≤29.80
	Ant1	2462	13.12	≤30.00
	Ant2	2462	13.30	≤30.00
	total	2462	16.22	≤29.80
11N40MIMO	Ant1	2422	13.13	≤30.00
	Ant2	2422	13.32	≤30.00
	total	2422	16.24	≤29.80
	Ant1	2437	13.09	≤30.00
	Ant2	2437	13.26	≤30.00
	total	2437	16.19	≤29.80
	Ant1	2452	13.01	≤30.00
	Ant2	2452	13.17	≤30.00
	total	2452	16.10	≤29.80
11AX20MIMO	Ant1	2412	12.97	≤30.00
	Ant2	2412	12.73	≤30.00
	total	2412	15.86	≤29.80
	Ant1	2437	12.95	≤30.00
	Ant2	2437	12.81	≤30.00
	total	2437	15.89	≤29.80
	Ant1	2462	12.89	≤30.00
	Ant2	2462	12.92	≤30.00
	total	2462	15.92	≤29.80
11AX40MIMO	Ant1	2422	12.83	≤30.00
	Ant2	2422	12.99	≤30.00
	total	2422	15.92	≤29.80
	Ant1	2437	12.83	≤30.00
	Ant2	2437	12.88	≤30.00

	total	2437	15.87	≤29.80
	Ant1	2452	12.64	≤30.00
	Ant2	2452	12.85	≤30.00
	total	2452	15.76	≤29.80

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	-11.29	≤8.00	PASS
	Ant2	2412	-11.43	≤8.00	PASS
	total	2412	-8.35	≤7.80	PASS
	Ant1	2437	-10.28	≤8.00	PASS
	Ant2	2437	-11.65	≤8.00	PASS
	total	2437	-7.90	≤7.80	PASS
	Ant1	2462	-12.09	≤8.00	PASS
	Ant2	2462	-11.91	≤8.00	PASS
	total	2462	-8.99	≤7.80	PASS
11G-CDD	Ant1	2412	-15.59	≤8.00	PASS
	Ant2	2412	-15.53	≤8.00	PASS
	total	2412	-12.55	≤7.80	PASS
	Ant1	2437	-15.39	≤8.00	PASS
	Ant2	2437	-15.44	≤8.00	PASS
	total	2437	-12.40	≤7.80	PASS
	Ant1	2462	-15.77	≤8.00	PASS
	Ant2	2462	-16.21	≤8.00	PASS
	total	2462	-12.97	≤7.80	PASS
11N20MIMO	Ant1	2412	-16.29	≤8.00	PASS
	Ant2	2412	-16.88	≤8.00	PASS
	total	2412	-13.56	≤7.80	PASS
	Ant1	2437	-16.16	≤8.00	PASS
	Ant2	2437	-17.20	≤8.00	PASS
	total	2437	-13.64	≤7.80	PASS
	Ant1	2462	-17.58	≤8.00	PASS
	Ant2	2462	-17.67	≤8.00	PASS
	total	2462	-14.61	≤7.80	PASS
11N40MIMO	Ant1	2422	-20.17	≤8.00	PASS
	Ant2	2422	-19.89	≤8.00	PASS
	total	2422	-17.02	≤7.80	PASS
	Ant1	2437	-19.59	≤8.00	PASS
	Ant2	2437	-20.31	≤8.00	PASS
	total	2437	-16.92	≤7.80	PASS
	Ant1	2452	-20.05	≤8.00	PASS
	Ant2	2452	-20.04	≤8.00	PASS
	total	2452	-17.03	≤7.80	PASS
11AX20MIMO	Ant1	2412	-17.24	≤8.00	PASS
	Ant2	2412	-17.45	≤8.00	PASS
	total	2412	-14.33	≤7.80	PASS