

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

General Description of EUT	
Product Name:	NVR
Test Model:	TZ-NVR10VP
Sample ID:	HC-C-202407-0307-01-01-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 12V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202407-0307-22	

Contents

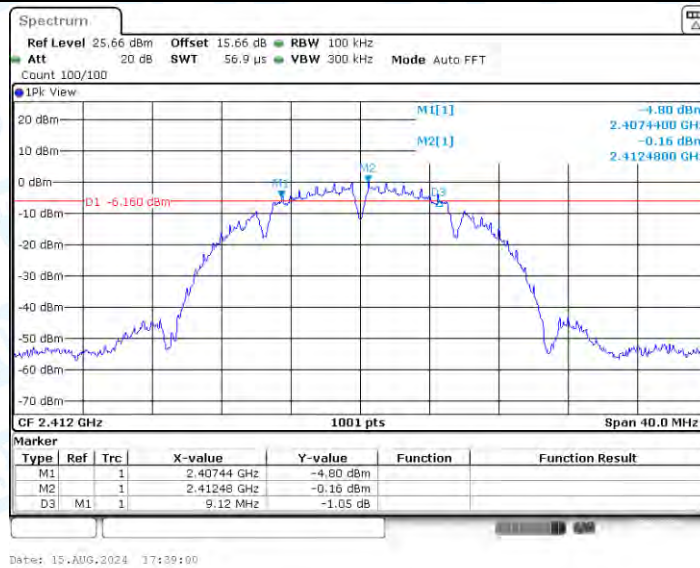
1. DTS Bandwidth.....	3
1.1. Test Result.....	3
1.2. Test Graphs	4
2. Occupied Channel Bandwidth.....	12
2.1. Test Result.....	12
2.2. Test Graphs	13
3. Maximum conducted output power.....	21
3.1. Test Result.....	21
4. Maximum power spectral density	22
4.1. Test Result.....	22
4.2. Test Graphs	23
5. Band edge measurements	31
5.1. Test Result.....	31
5.2. Test Graphs	32
6. Conducted Spurious Emission.....	38
6.1. Test Result.....	38
6.2. Test Graphs	40
7. Duty Cycle	64
7.1. Test Result.....	64
7.2. Test Graphs	65
8. Emissions in Restricted Bands.....	73
8.1. Test Result.....	73
8.2. Test Graphs	77

1. DTS Bandwidth

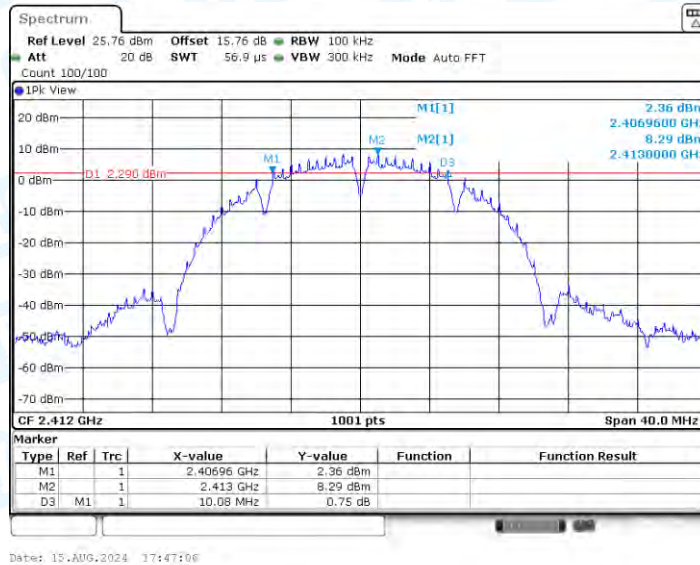
1.1. Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	9.12	2407.44	2416.56	0.5	PASS
	Ant2	2412	10.08	2406.96	2417.04	0.5	PASS
	Ant1	2437	10.08	2431.96	2442.04	0.5	PASS
	Ant2	2437	10.00	2432.00	2442.00	0.5	PASS
	Ant1	2462	10.08	2456.96	2467.04	0.5	PASS
	Ant2	2462	10.08	2456.96	2467.04	0.5	PASS
11G-CDD	Ant1	2412	16.32	2403.84	2420.16	0.5	PASS
	Ant2	2412	16.32	2403.84	2420.16	0.5	PASS
	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant2	2437	16.32	2428.84	2445.16	0.5	PASS
	Ant1	2462	16.32	2453.84	2470.16	0.5	PASS
	Ant2	2462	16.40	2453.80	2470.20	0.5	PASS
11N20MIMO	Ant1	2412	17.56	2403.24	2420.80	0.5	PASS
	Ant2	2412	17.20	2403.60	2420.80	0.5	PASS
	Ant1	2437	17.60	2428.20	2445.80	0.5	PASS
	Ant2	2437	17.16	2428.60	2445.76	0.5	PASS
	Ant1	2462	17.56	2453.24	2470.80	0.5	PASS
	Ant2	2462	17.60	2453.20	2470.80	0.5	PASS
11N40MIMO	Ant1	2422	35.12	2404.48	2439.60	0.5	PASS
	Ant2	2422	35.28	2404.48	2439.76	0.5	PASS
	Ant1	2437	35.28	2419.48	2454.76	0.5	PASS
	Ant2	2437	35.92	2419.24	2455.16	0.5	PASS
	Ant1	2452	36.32	2433.84	2470.16	0.5	PASS
	Ant2	2452	36.32	2433.84	2470.16	0.5	PASS

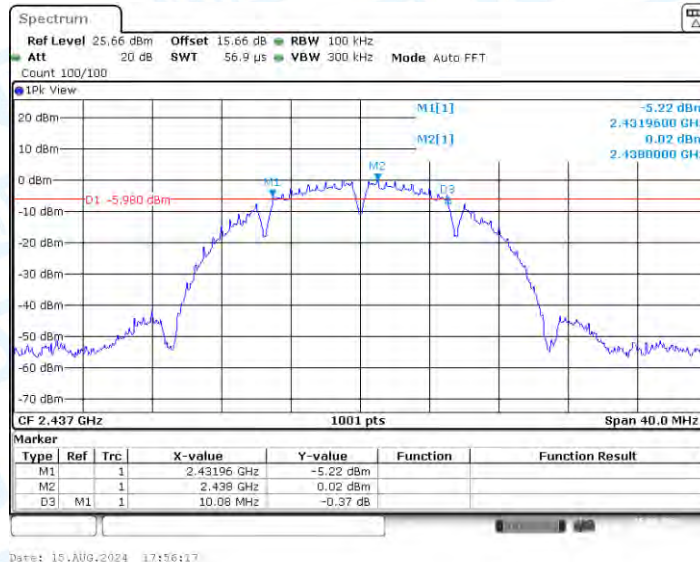
1.2. Test Graphs



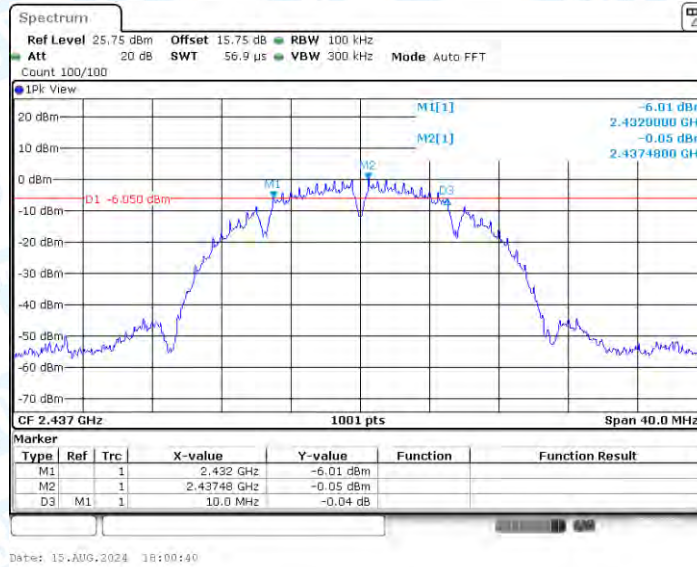
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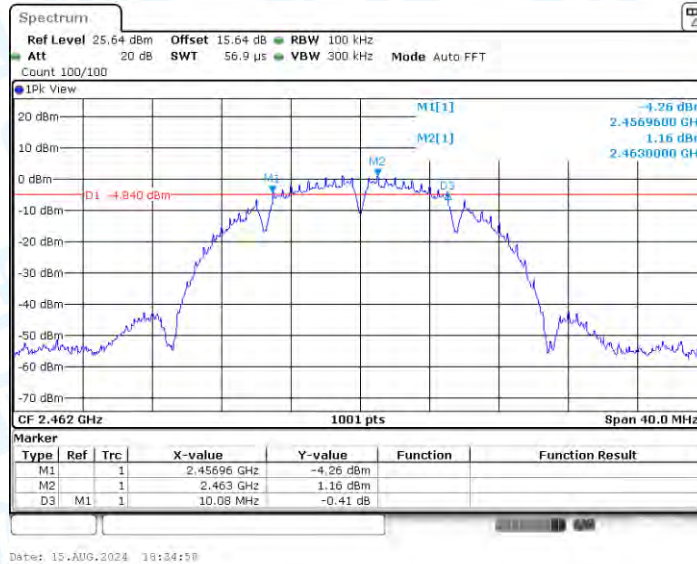
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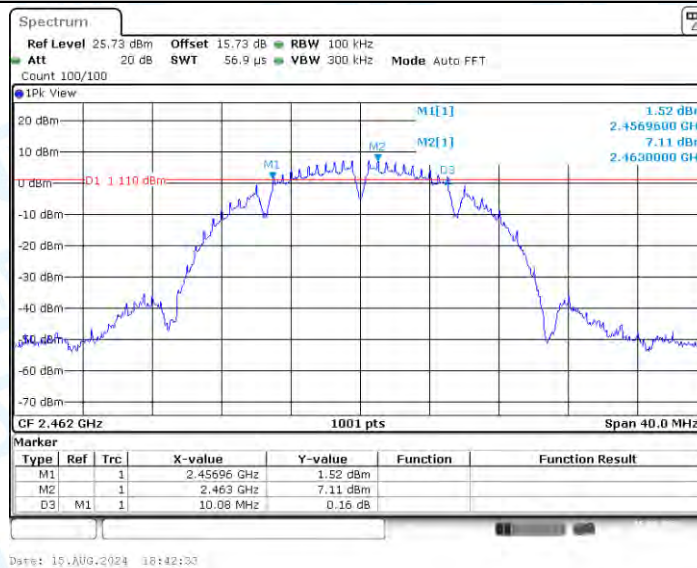
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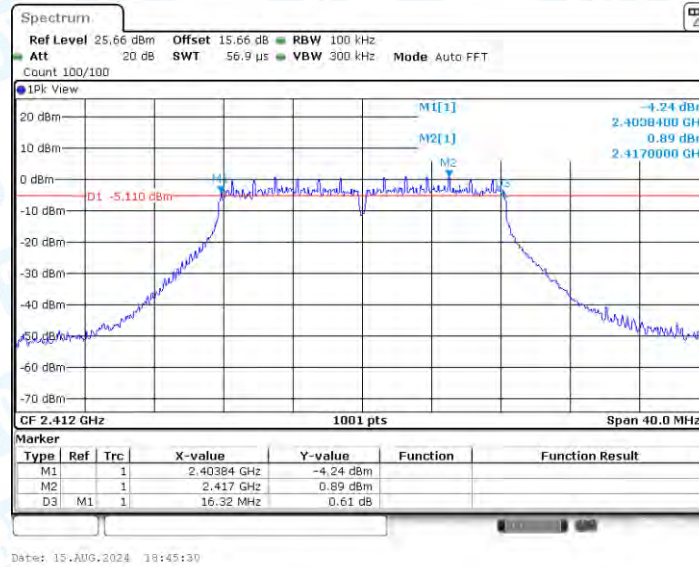
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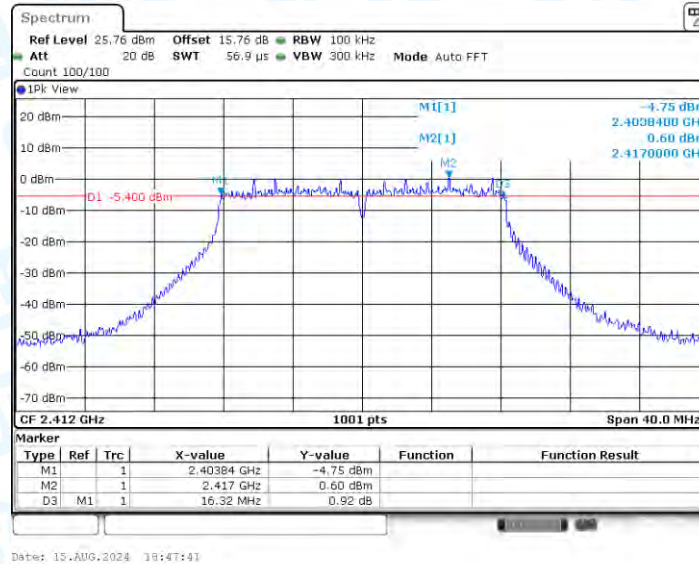
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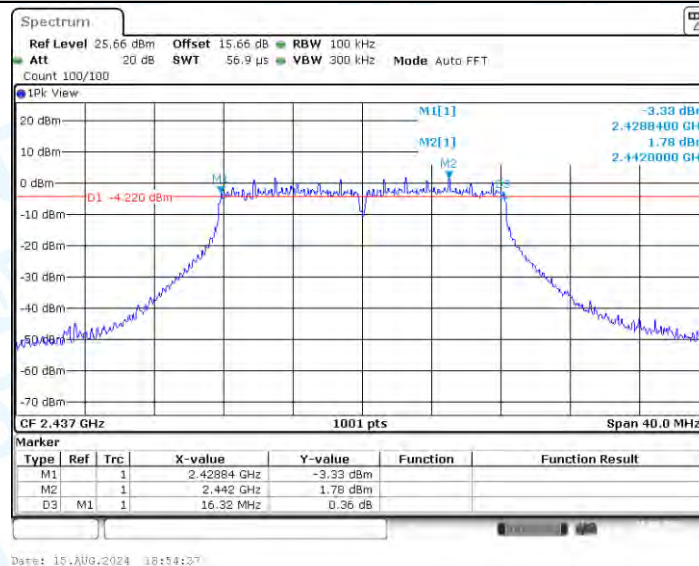
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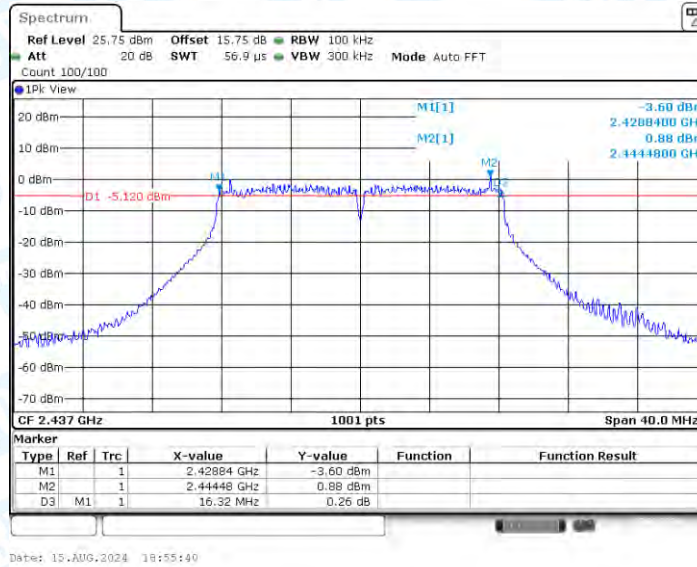
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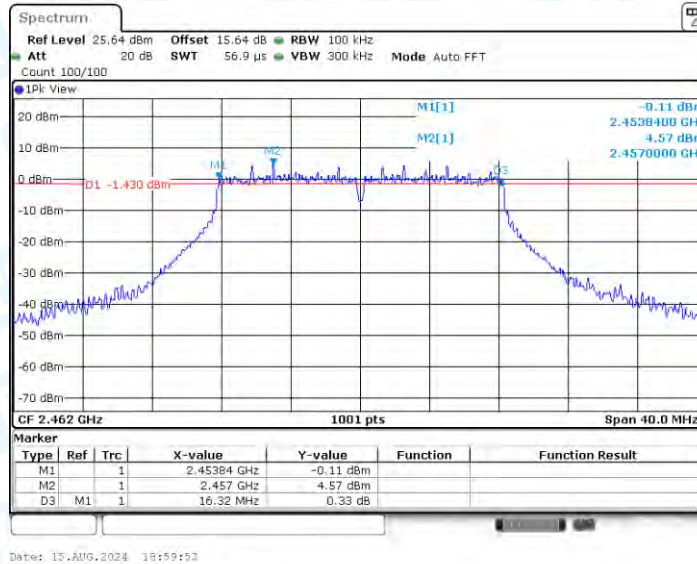
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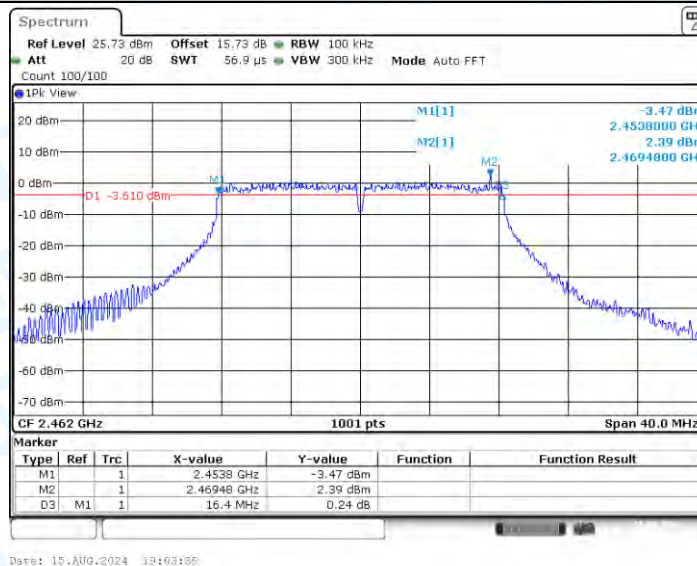
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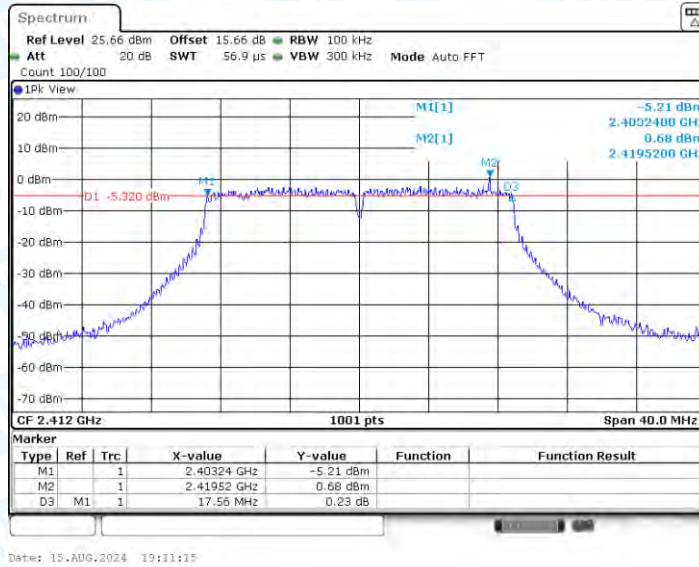
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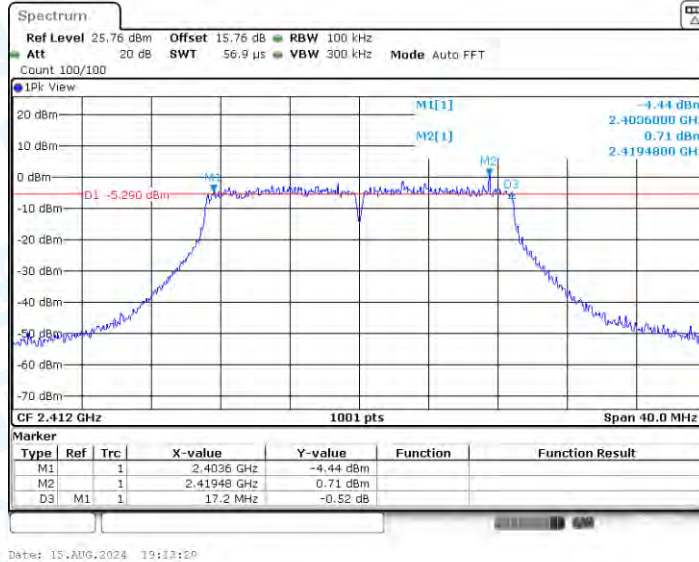
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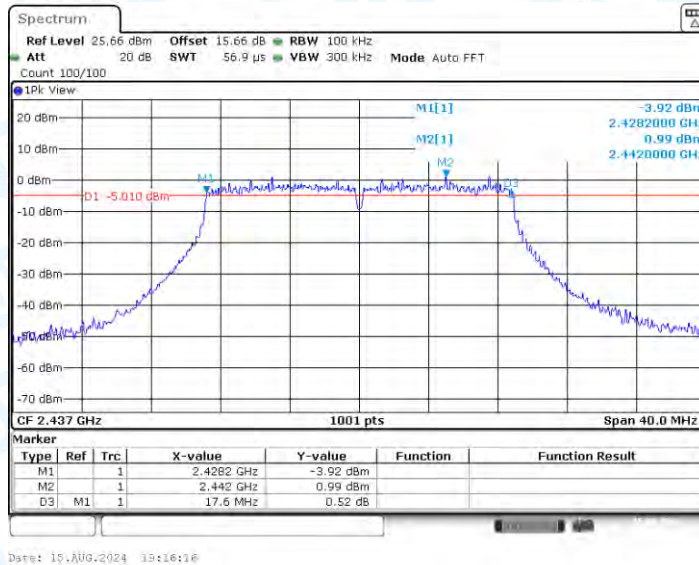
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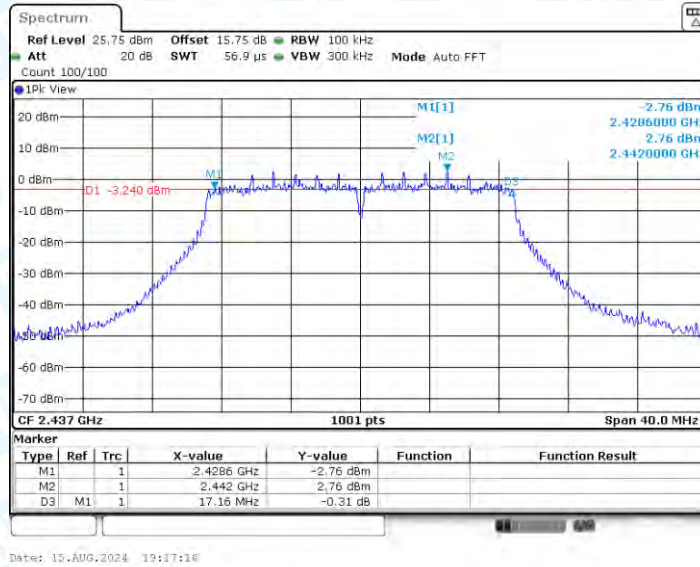
11N20MIMO_Ant1_2412



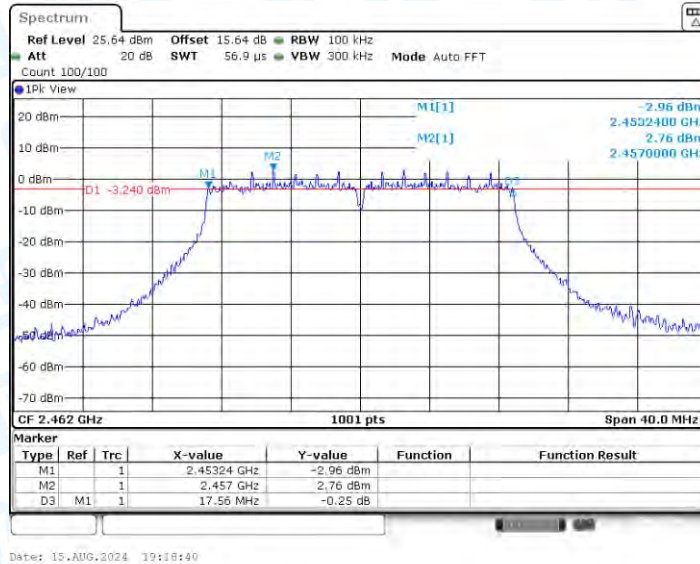
11N20MIMO_Ant2_2412



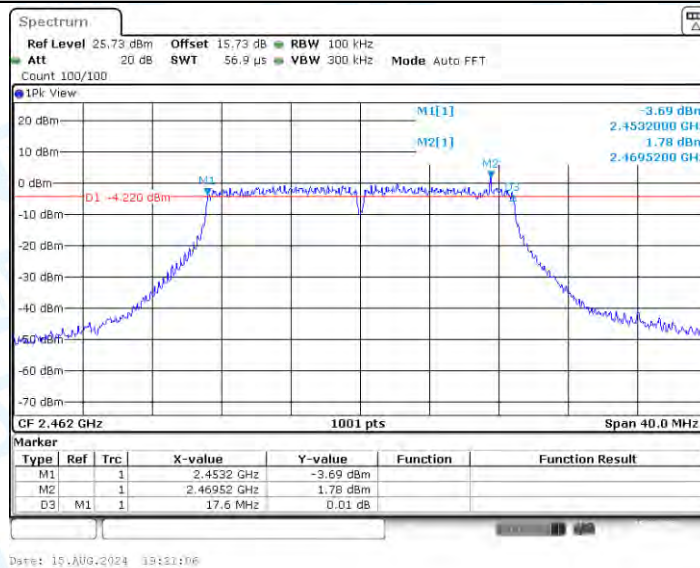
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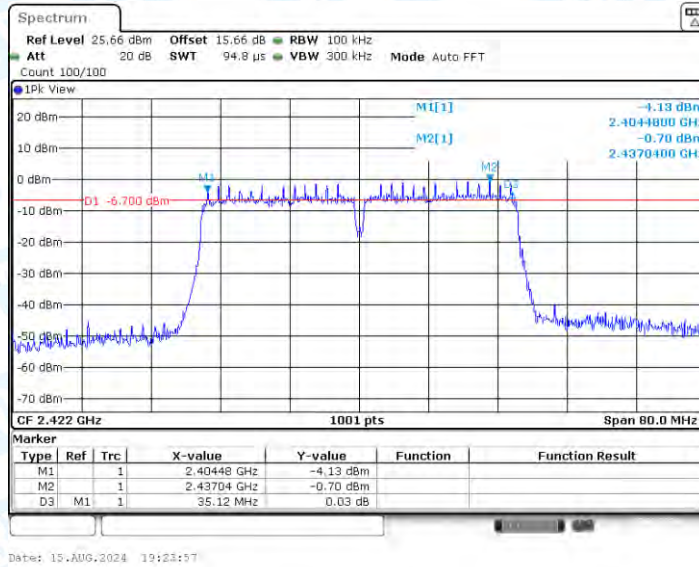
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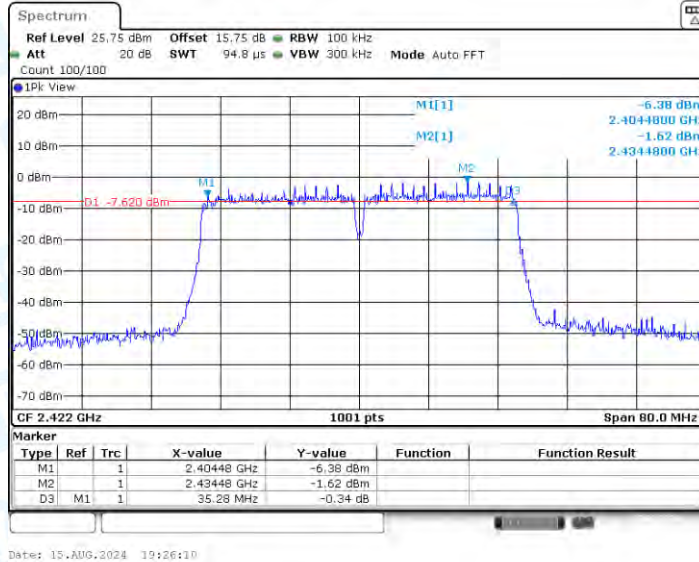
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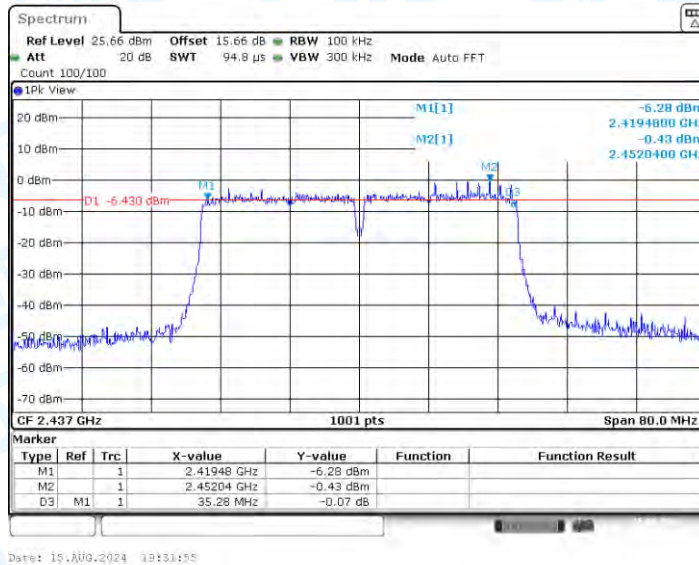
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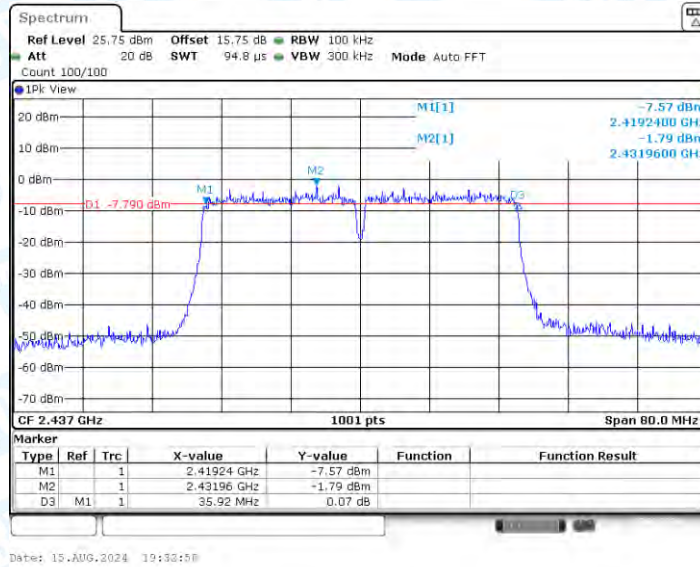
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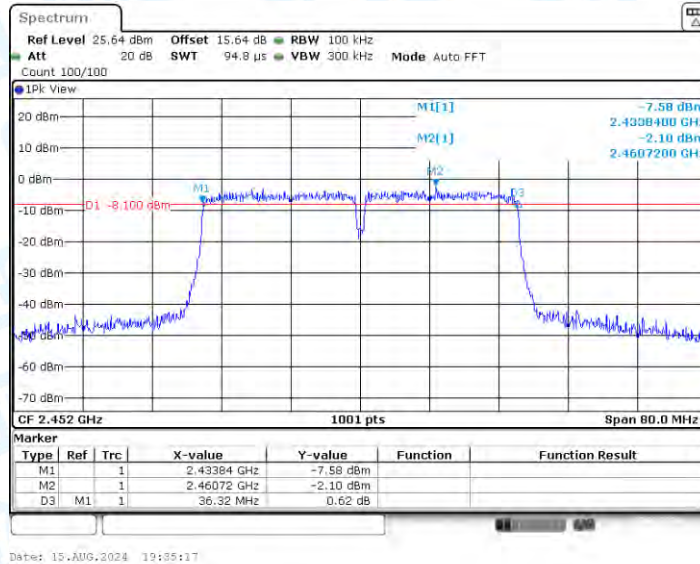
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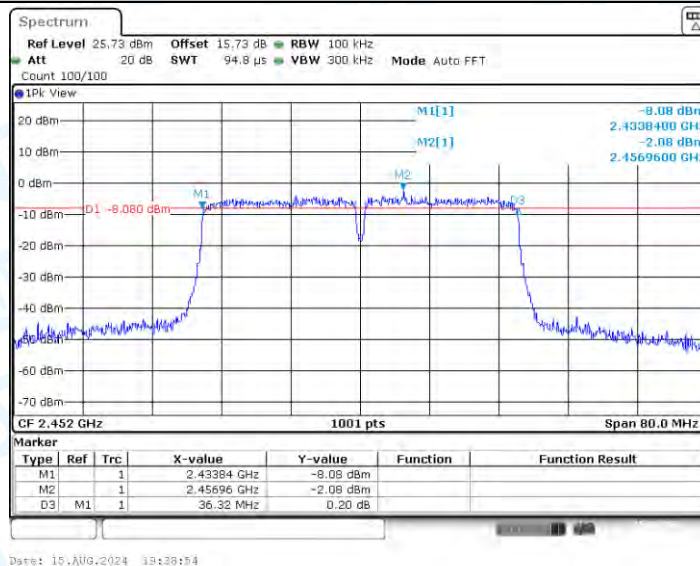
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11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



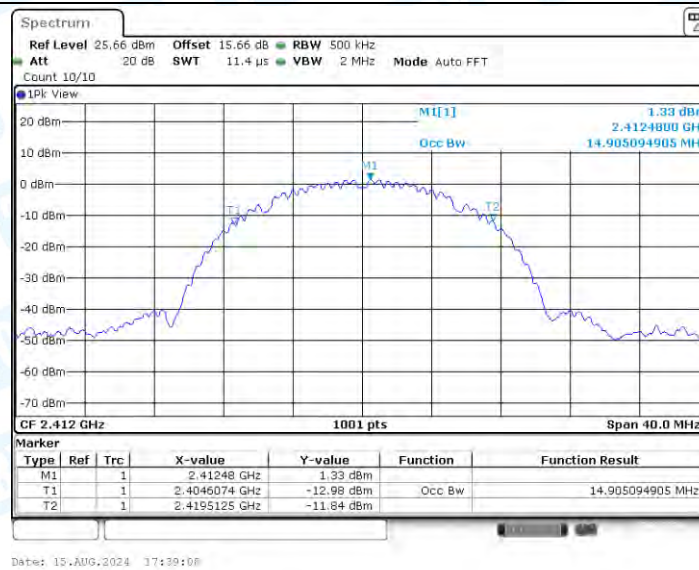
11N40MIMO_Ant2_2452

2. Occupied Channel Bandwidth

2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	14.905	2404.6074	2419.5125	---	---
	Ant2	2412	14.905	2404.6074	2419.5125	---	---
	Ant1	2437	14.865	2429.6074	2444.4725	---	---
	Ant2	2437	14.865	2429.6074	2444.4725	---	---
	Ant1	2462	14.945	2454.5275	2469.4725	---	---
	Ant2	2462	14.865	2454.5674	2469.4326	---	---
11G-CDD	Ant1	2412	17.183	2403.3686	2420.5514	---	---
	Ant2	2412	17.103	2403.4486	2420.5514	---	---
	Ant1	2437	17.343	2428.0889	2445.4316	---	---
	Ant2	2437	16.863	2428.6084	2445.4715	---	---
	Ant1	2462	17.662	2452.9690	2470.6314	---	---
	Ant2	2462	17.023	2453.4885	2470.5115	---	---
11N20MIMO	Ant1	2412	18.262	2402.8492	2421.1109	---	---
	Ant2	2412	18.182	2402.8492	2421.0310	---	---
	Ant1	2437	18.142	2427.8891	2446.0310	---	---
	Ant2	2437	18.182	2427.9690	2446.1508	---	---
	Ant1	2462	18.462	2452.8891	2471.3506	---	---
	Ant2	2462	18.382	2452.6893	2471.0709	---	---
11N40MIMO	Ant1	2422	36.044	2404.0180	2440.0619	---	---
	Ant2	2422	36.044	2404.0180	2440.0619	---	---
	Ant1	2437	36.044	2419.0180	2455.0619	---	---
	Ant2	2437	36.124	2418.9381	2455.0619	---	---
	Ant1	2452	36.124	2433.9381	2470.0619	---	---
	Ant2	2452	36.044	2434.0180	2470.0619	---	---

2.2. Test Graphs



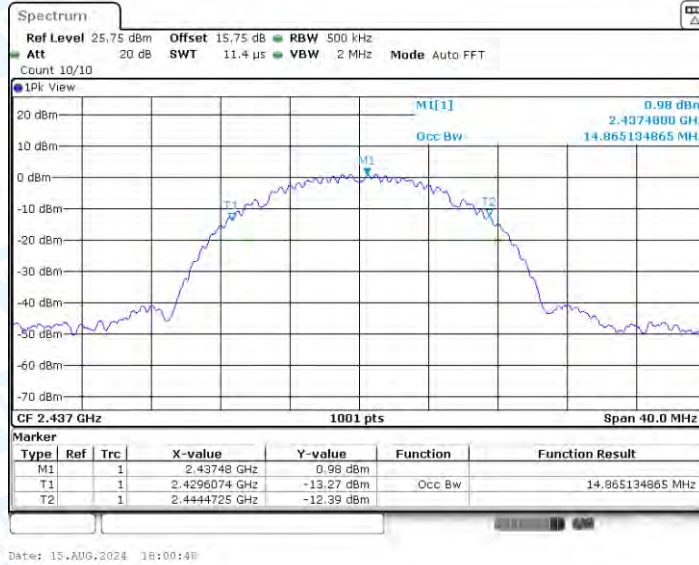
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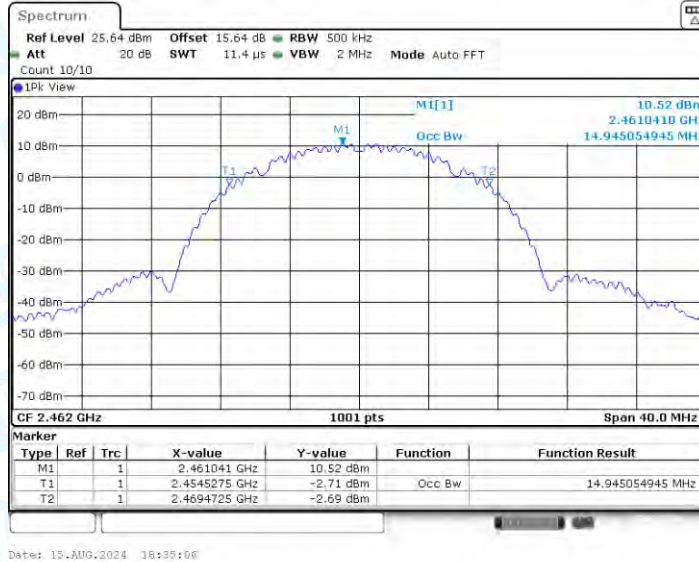
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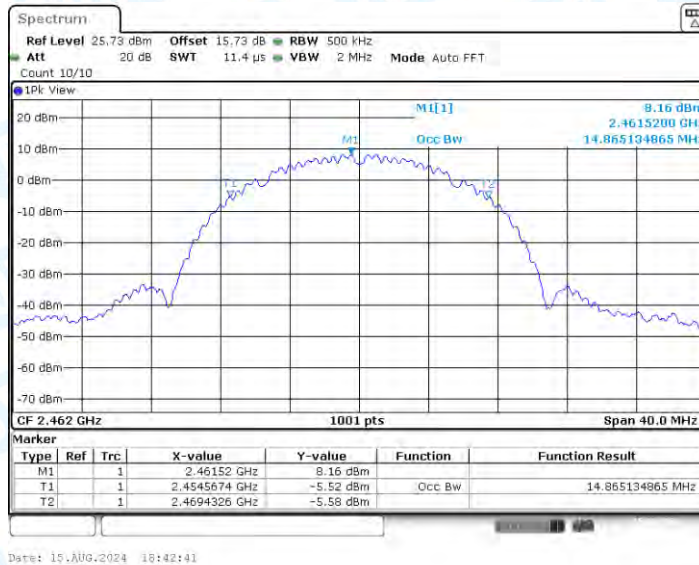
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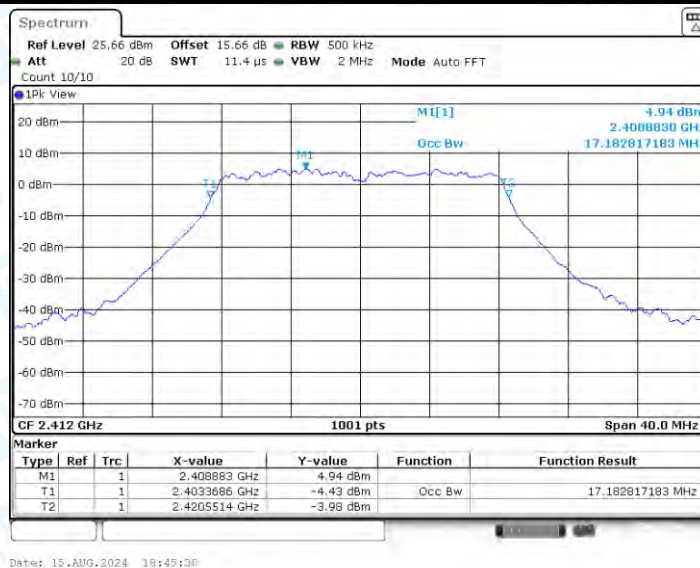
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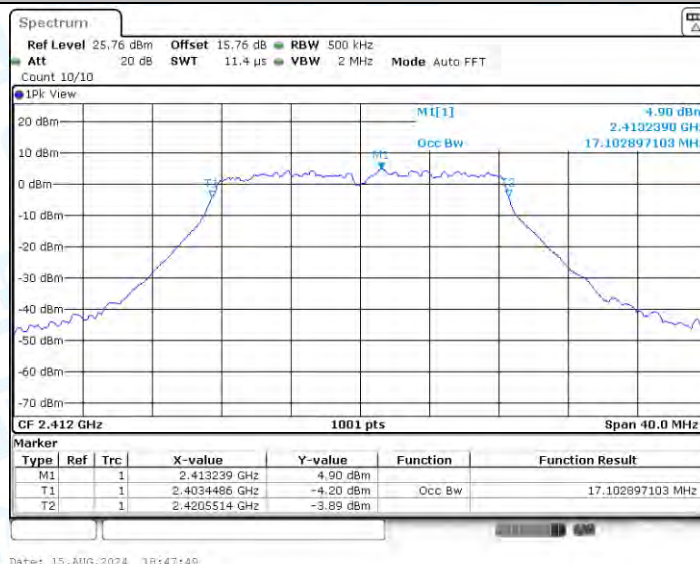
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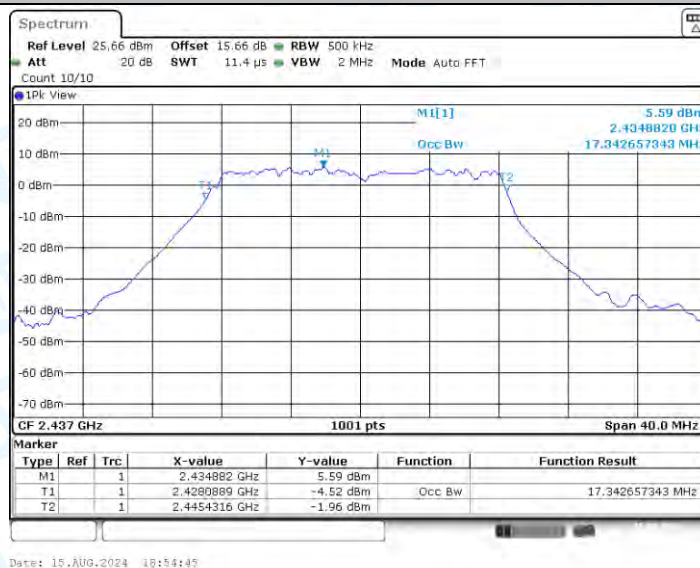
11B-CDD_Ant2_2462



11G-CDD_Ant1_2412



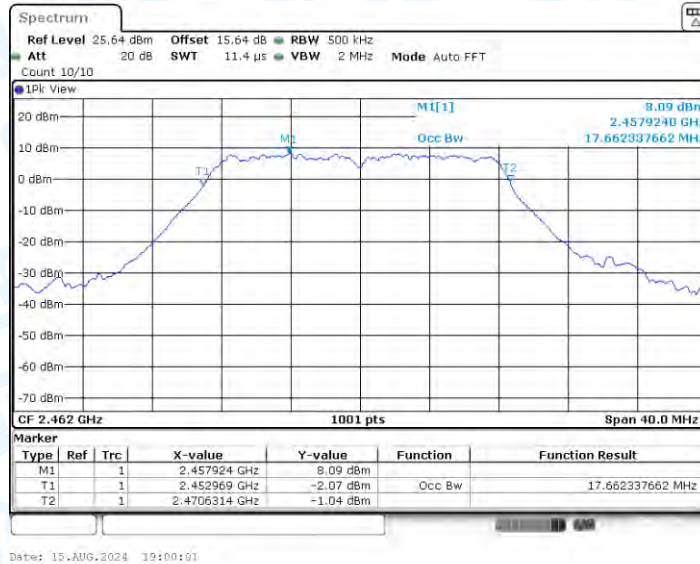
11G-CDD_Ant2_2412



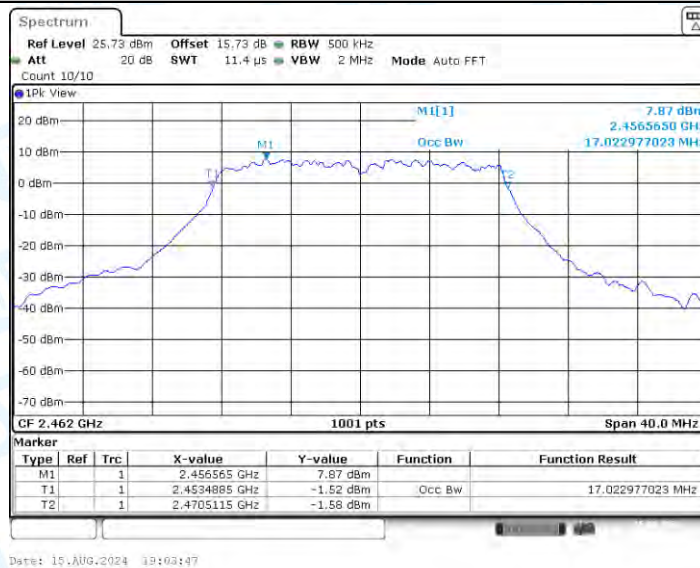
11G-CDD_Ant1_2437



11G-CDD_Ant2_2437



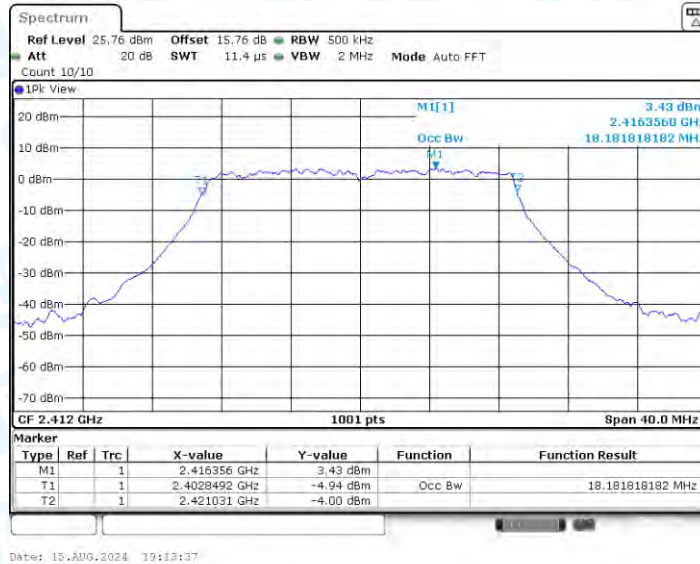
11G-CDD_Ant1_2462



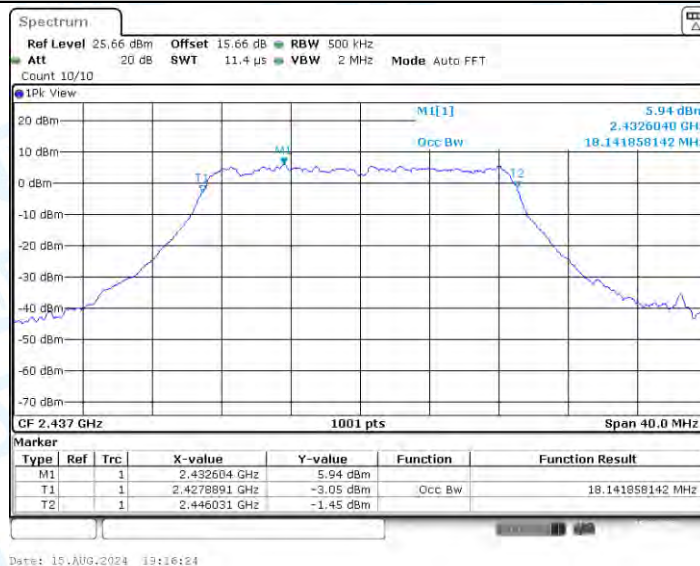
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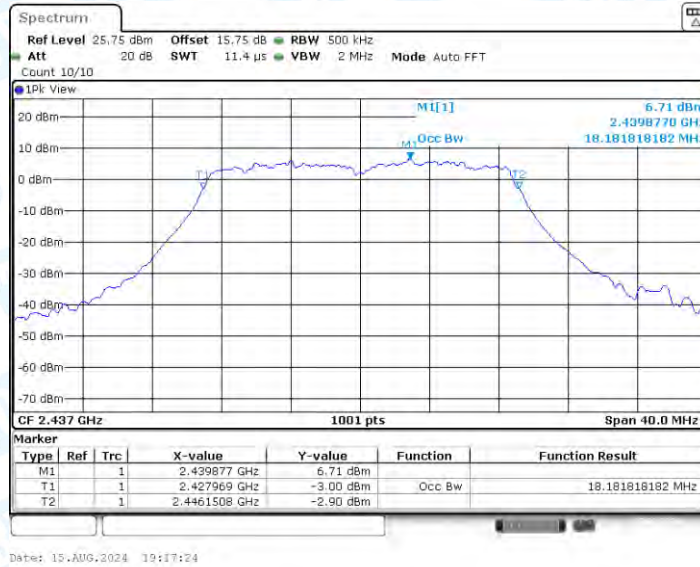
11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437



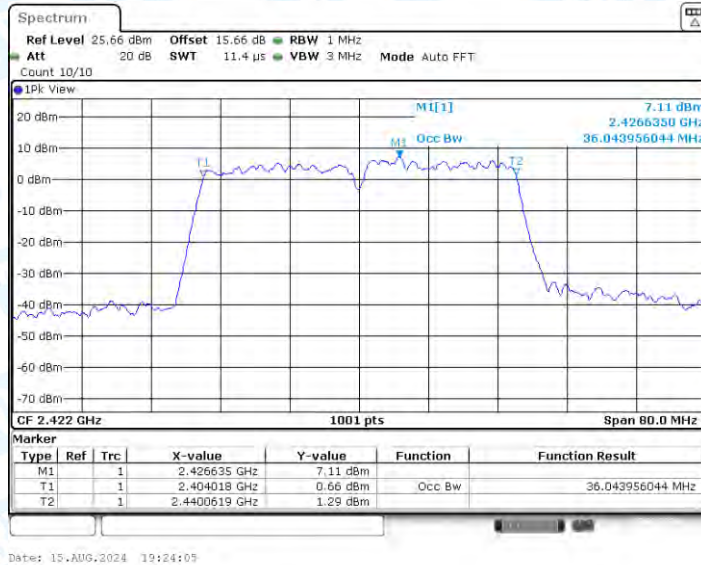
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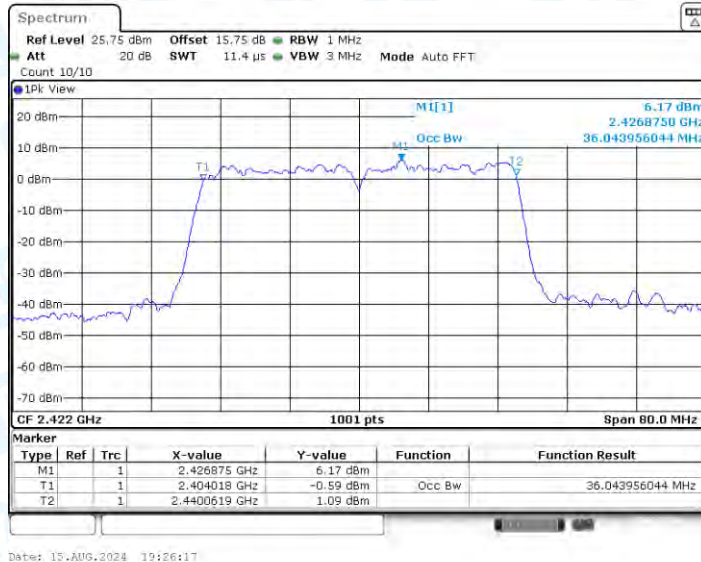
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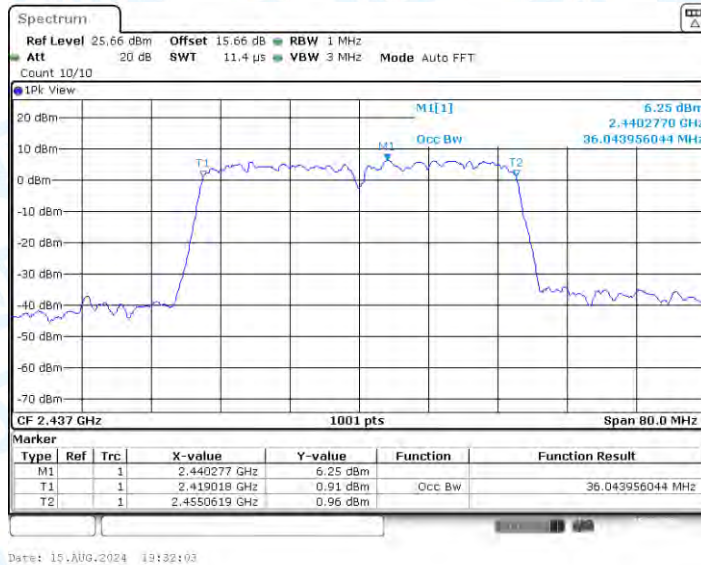
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11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



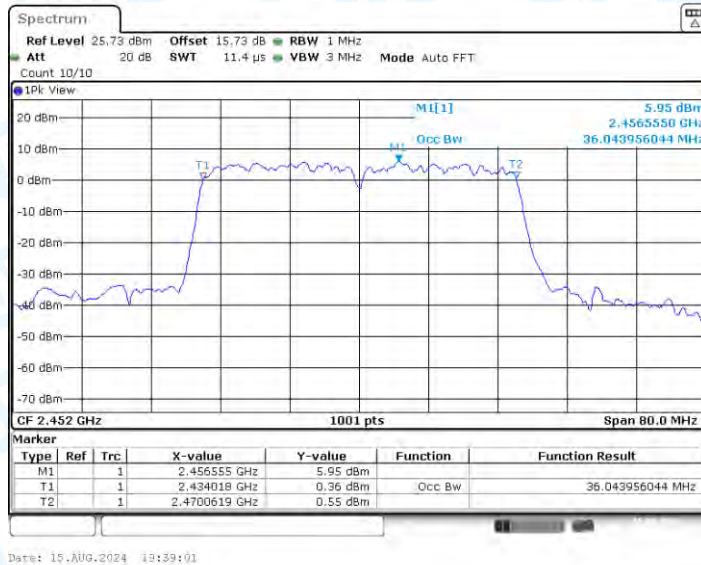
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

3. Maximum conducted output power

3.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	2412	16.89	≤30.00	PASS
	Ant2	2412	15.78	≤30.00	PASS
	total	2412	19.38	≤29.38	PASS
	Ant1	2437	16.65	≤30.00	PASS
	Ant2	2437	15.50	≤30.00	PASS
	total	2437	19.12	≤29.38	PASS
	Ant1	2462	17.08	≤30.00	PASS
	Ant2	2462	15.75	≤30.00	PASS
	total	2462	19.48	≤29.38	PASS
11G-CDD	Ant1	2412	12.55	≤30.00	PASS
	Ant2	2412	16.26	≤30.00	PASS
	total	2412	17.80	≤29.38	PASS
	Ant1	2437	16.84	≤30.00	PASS
	Ant2	2437	17.05	≤30.00	PASS
	total	2437	19.96	≤29.38	PASS
	Ant1	2462	15.56	≤30.00	PASS
	Ant2	2462	15.27	≤30.00	PASS
	total	2462	18.43	≤29.38	PASS
11N20MIMO	Ant1	2412	12.28	≤30.00	PASS
	Ant2	2412	12.09	≤30.00	PASS
	total	2412	15.20	≤29.38	PASS
	Ant1	2437	13.85	≤30.00	PASS
	Ant2	2437	14.14	≤30.00	PASS
	total	2437	17.01	≤29.38	PASS
	Ant1	2462	14.41	≤30.00	PASS
	Ant2	2462	14.51	≤30.00	PASS
	total	2462	17.47	≤29.38	PASS
11N40MIMO	Ant1	2422	13.33	≤30.00	PASS
	Ant2	2422	13.27	≤30.00	PASS
	total	2422	16.31	≤29.38	PASS
	Ant1	2437	13.94	≤30.00	PASS
	Ant2	2437	13.78	≤30.00	PASS
	total	2437	16.87	≤29.38	PASS
	Ant1	2452	15.56	≤30.00	PASS
	Ant2	2452	13.63	≤30.00	PASS
	total	2452	17.71	≤29.38	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.

When ANT.1(3.74dBi) and ANT. 2(3.46dBi) transmitting simultaneously, so the Directional Gain= 6.62dBi>6dBi.

So Pout = Plimit-(GTX-6)]=(30-0.62)dBm =29.38dBm

Directional Gain=10 log[(10^G1/20 + 10^G2/20 + ... + 10GN/20)^2/NANT]

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	-13.96	≤8.00	PASS
	Ant2	2412	-14.92	≤8.00	PASS
	total	2412	-11.40	≤7.38	PASS
	Ant1	2437	-13.84	≤8.00	PASS
	Ant2	2437	-15.54	≤8.00	PASS
	total	2437	-11.60	≤7.38	PASS
	Ant1	2462	-13.92	≤8.00	PASS
	Ant2	2462	-15.35	≤8.00	PASS
	total	2462	-11.57	≤7.38	PASS
11G-CDD	Ant1	2412	-18.95	≤8.00	PASS
	Ant2	2412	-15.14	≤8.00	PASS
	total	2412	-13.63	≤7.38	PASS
	Ant1	2437	-14.64	≤8.00	PASS
	Ant2	2437	-14.61	≤8.00	PASS
	total	2437	-11.61	≤7.38	PASS
	Ant1	2462	-16.10	≤8.00	PASS
	Ant2	2462	-15.99	≤8.00	PASS
	total	2462	-13.03	≤7.38	PASS
11N20MIMO	Ant1	2412	-19.30	≤8.00	PASS
	Ant2	2412	-19.20	≤8.00	PASS
	total	2412	-16.24	≤7.38	PASS
	Ant1	2437	-16.98	≤8.00	PASS
	Ant2	2437	-16.41	≤8.00	PASS
	total	2437	-13.68	≤7.38	PASS
	Ant1	2462	-17.54	≤8.00	PASS
	Ant2	2462	-18.15	≤8.00	PASS
	total	2462	-14.82	≤7.38	PASS
11N40MIMO	Ant1	2422	-19.13	≤8.00	PASS
	Ant2	2422	-20.46	≤8.00	PASS
	total	2422	-16.73	≤7.38	PASS
	Ant1	2437	-18.67	≤8.00	PASS
	Ant2	2437	-19.74	≤8.00	PASS
	total	2437	-16.16	≤7.38	PASS
	Ant1	2452	-17.49	≤8.00	PASS
	Ant2	2452	-20.20	≤8.00	PASS
	total	2452	-15.63	≤7.38	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two antennas for transmitting and receiving.

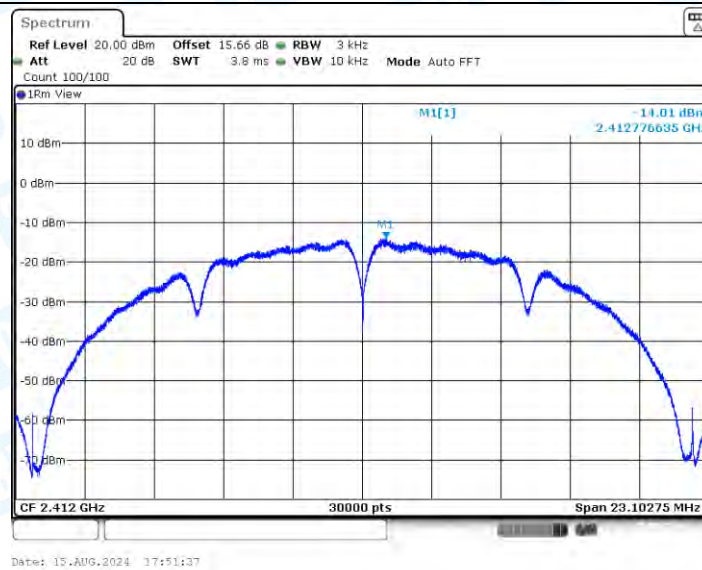
When ANT.1(3.74dBi) and ANT. 2(3.46dBi) transmitting simultaneously, so the Directional Gain= 6.62dBi>6dBi.

So PSDout = PSDlimit-(GTX-6)]=(8-0.62)dBm =7.38dBm

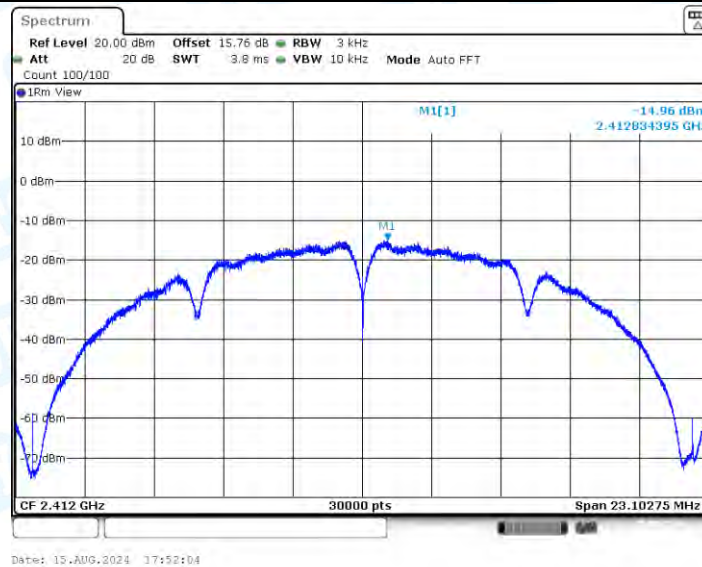
Directional Gain=10 log[(10^G1/20 + 10^G2/20 + ... + 10GN/20)^2/NANT]

The Duty Cycle Factor is compensated in the graph.

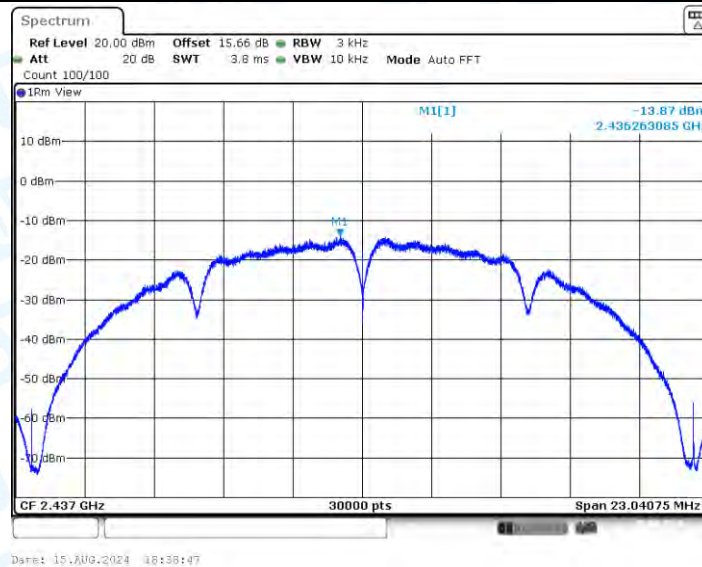
4.2. Test Graphs



11B-CDD_Ant1_2412



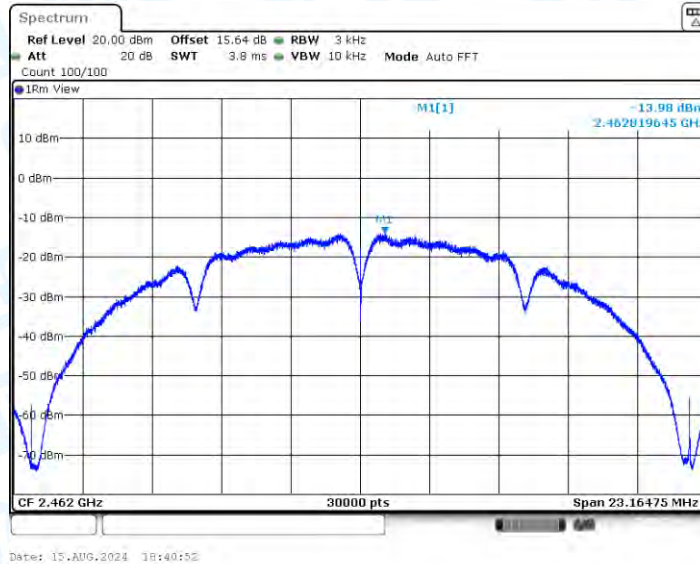
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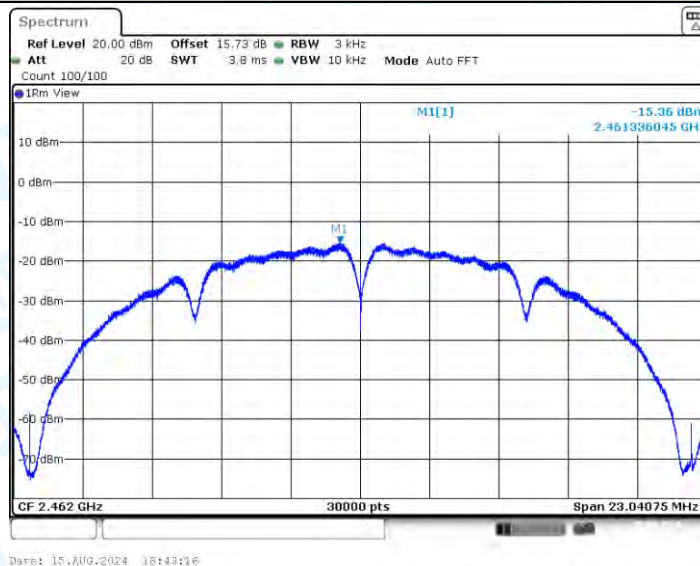
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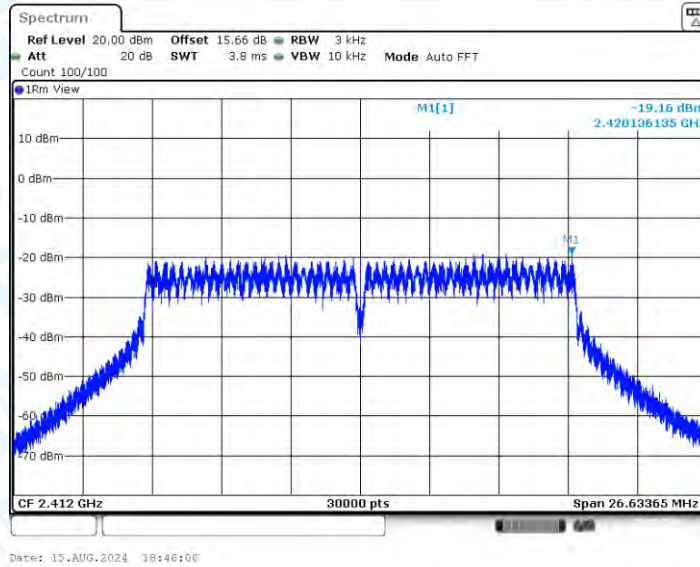
11B-CDD_Ant2_2437



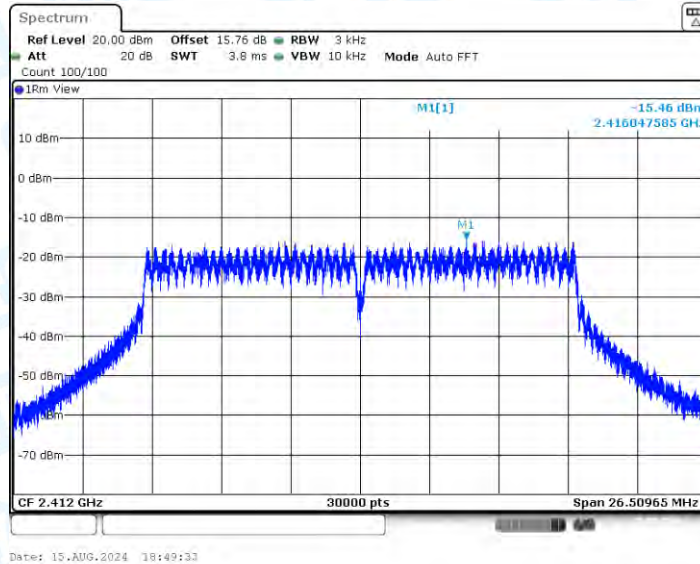
11B-CDD_Ant1_2462



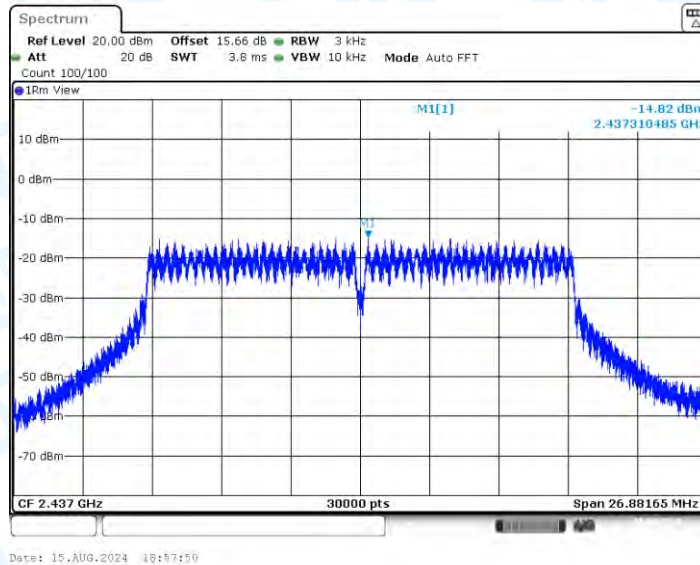
11B-CDD_Ant2_2462



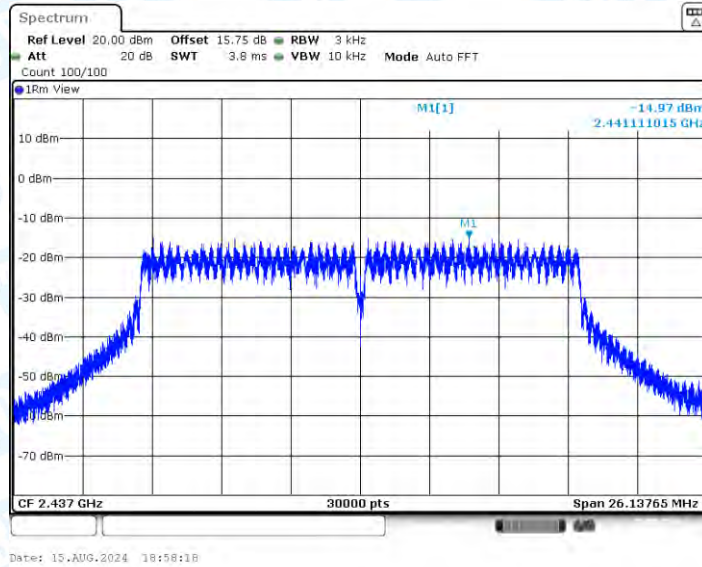
11G-CDD_Ant1_2412



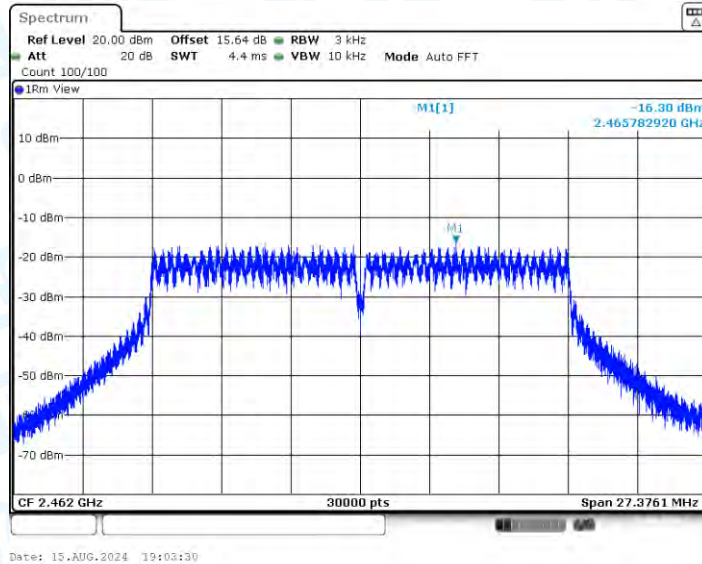
11G-CDD_Ant2_2412



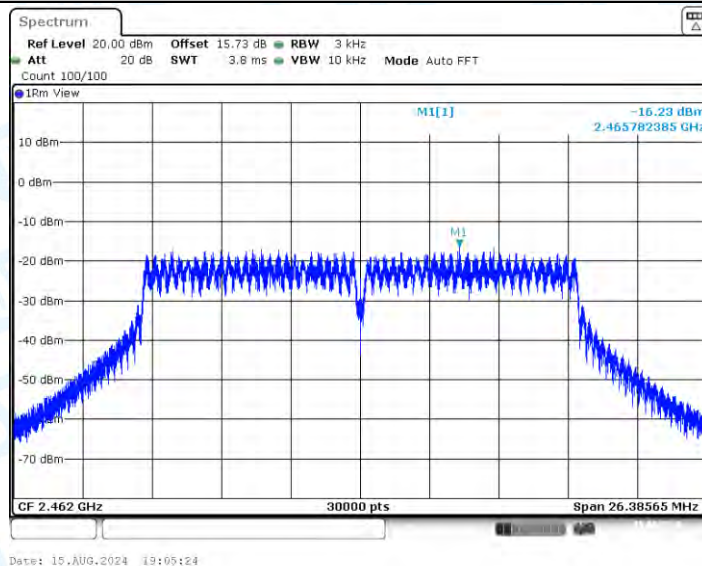
11G-CDD_Ant1_2437



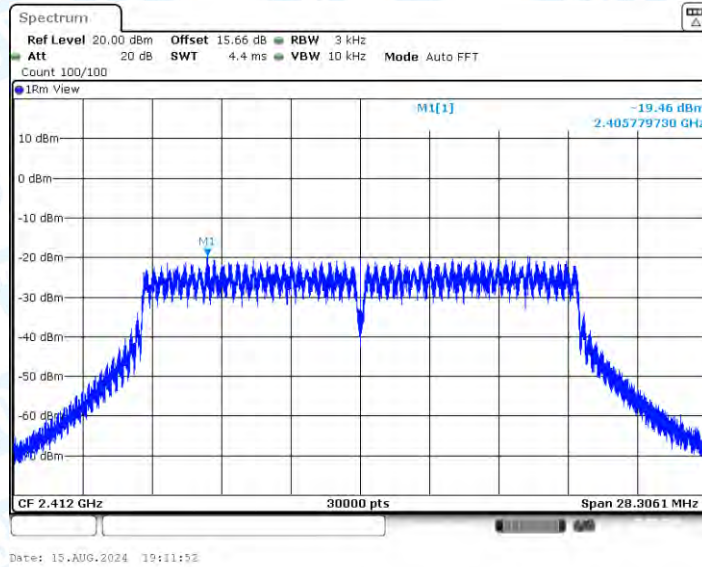
11G-CDD_Ant2_2437



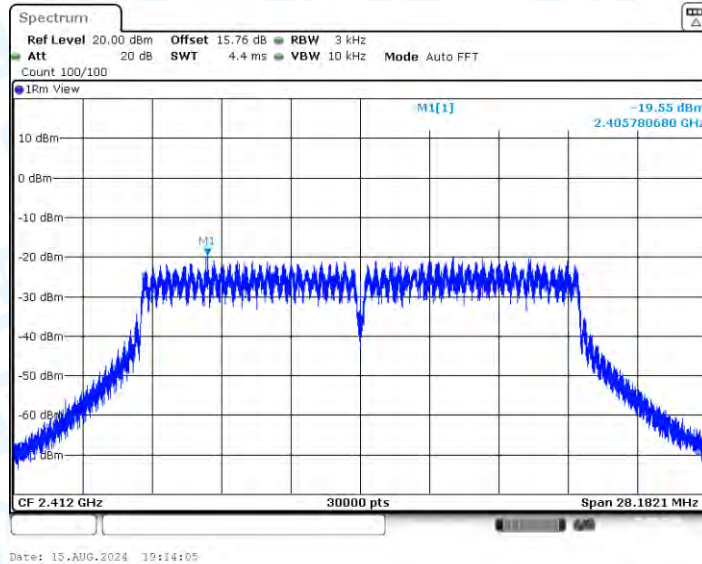
11G-CDD_Ant1_2462



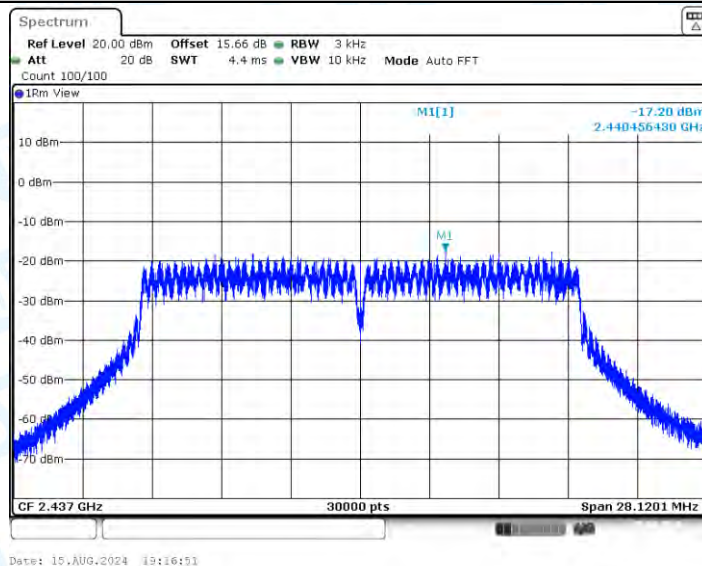
11G-CDD_Ant2_2462



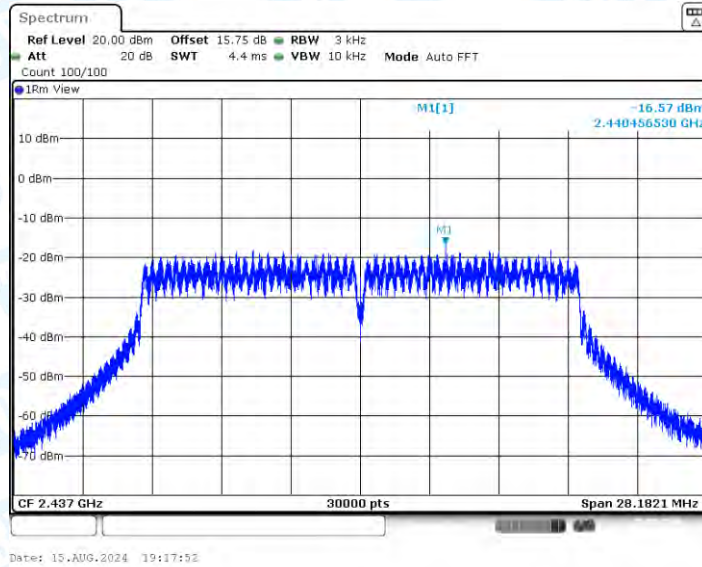
11N20MIMO_Ant1_2412



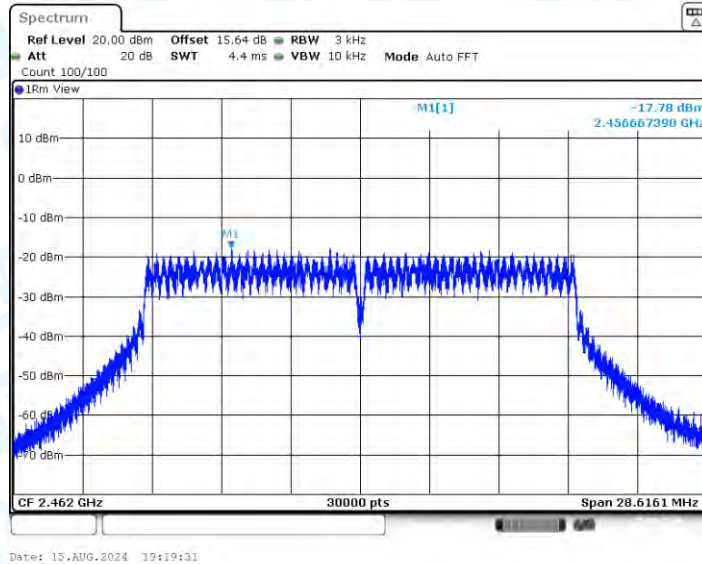
11N20MIMO_Ant2_2412



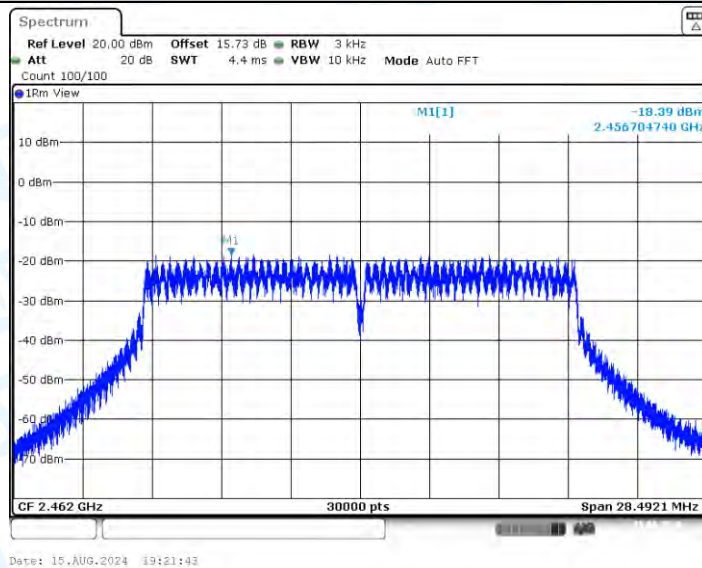
11N20MIMO_Ant1_2437



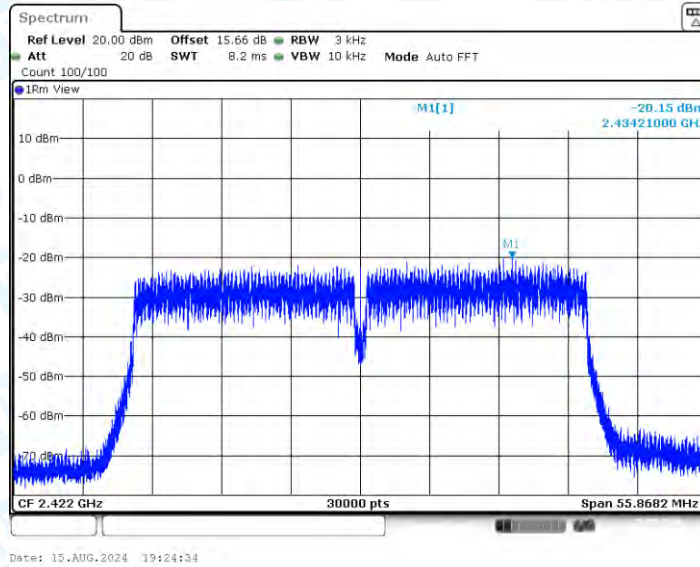
11N20MIMO_Ant2_2437



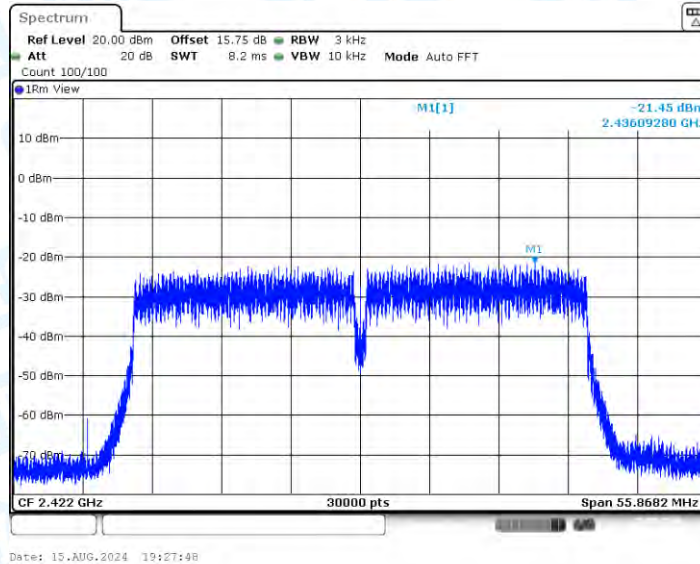
11N20MIMO_Ant1_2462



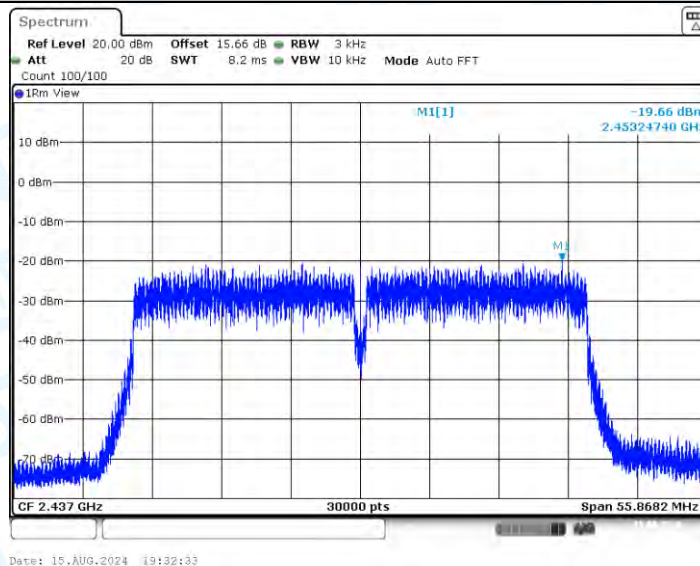
11N20MIMO_Ant2_2462



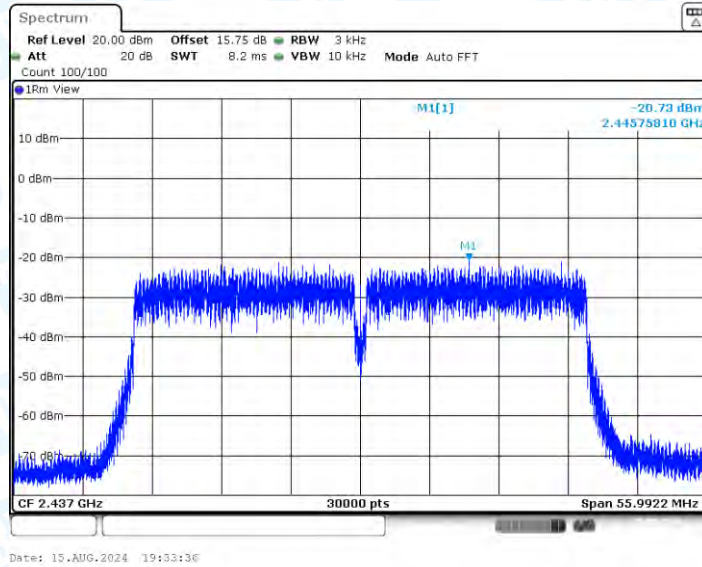
11N40MIMO_Ant1_2422



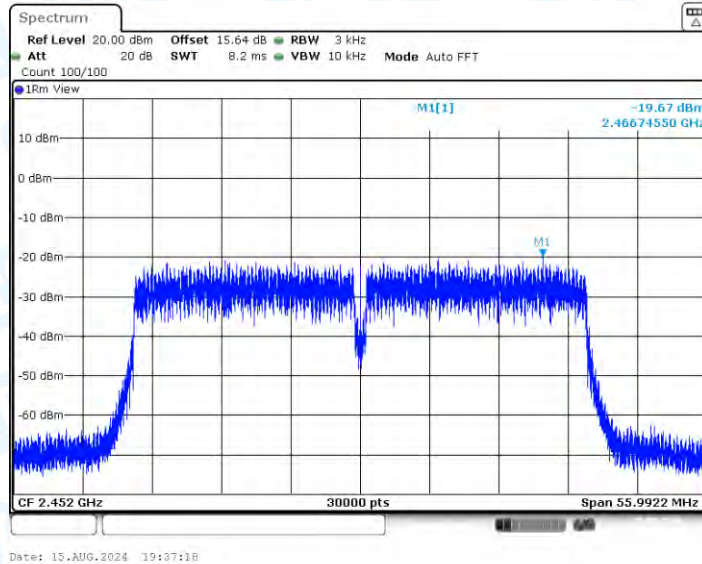
11N40MIMO_Ant2_2422



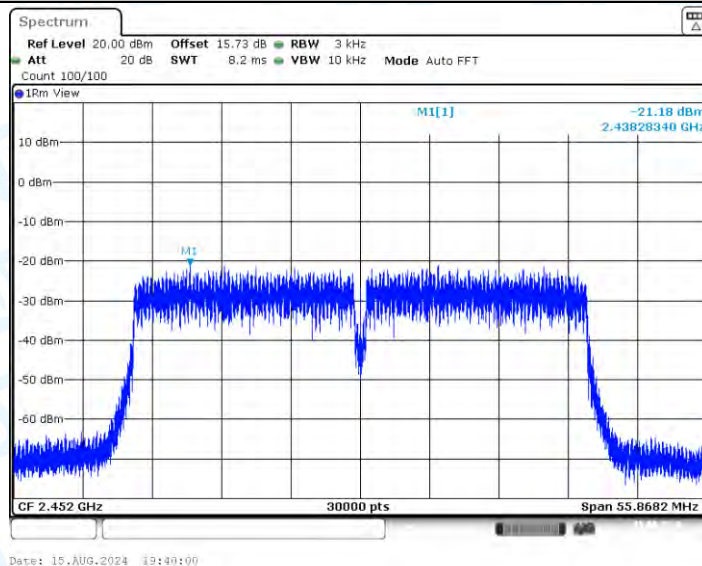
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

5. Band edge measurements

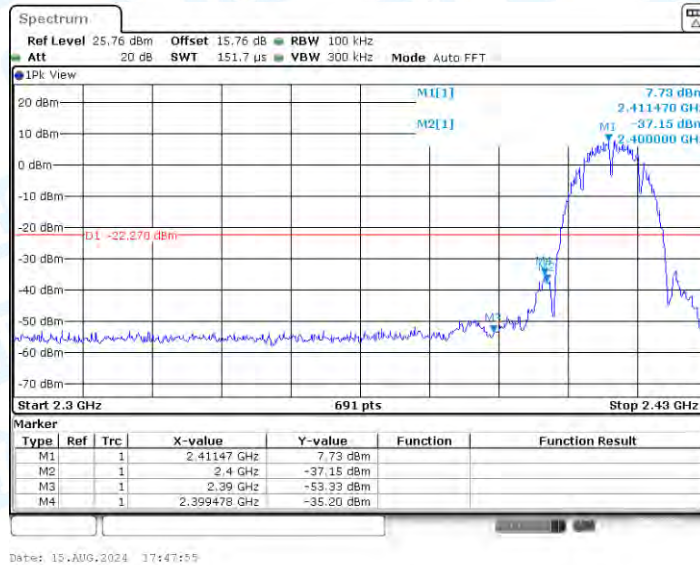
5.1. Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	9.53	-33.55	≤ -20.47	PASS
	Ant2	Low	2412	7.73	-35.2	≤ -22.27	PASS
	Ant1	High	2462	8.39	-47.58	≤ -21.61	PASS
	Ant2	High	2462	6.94	-49.62	≤ -23.06	PASS
11G-CDD	Ant1	Low	2412	-1.27	-36.95	≤ -31.27	PASS
	Ant2	Low	2412	3.90	-31.28	≤ -26.1	PASS
	Ant1	High	2462	3.93	-45.64	≤ -26.07	PASS
	Ant2	High	2462	2.65	-49.48	≤ -27.35	PASS
11N20MIMO	Ant1	Low	2412	-0.46	-37.78	≤ -30.46	PASS
	Ant2	Low	2412	-1.02	-37.22	≤ -31.02	PASS
	Ant1	High	2462	2.81	-46.4	≤ -27.19	PASS
	Ant2	High	2462	0.95	-48.02	≤ -29.05	PASS
11N40MIMO	Ant1	Low	2422	-2.03	-45.33	≤ -32.03	PASS
	Ant2	Low	2422	-2.99	-45.9	≤ -32.99	PASS
	Ant1	High	2452	-0.66	-44.66	≤ -30.66	PASS
	Ant2	High	2452	-0.99	-44.37	≤ -30.99	PASS

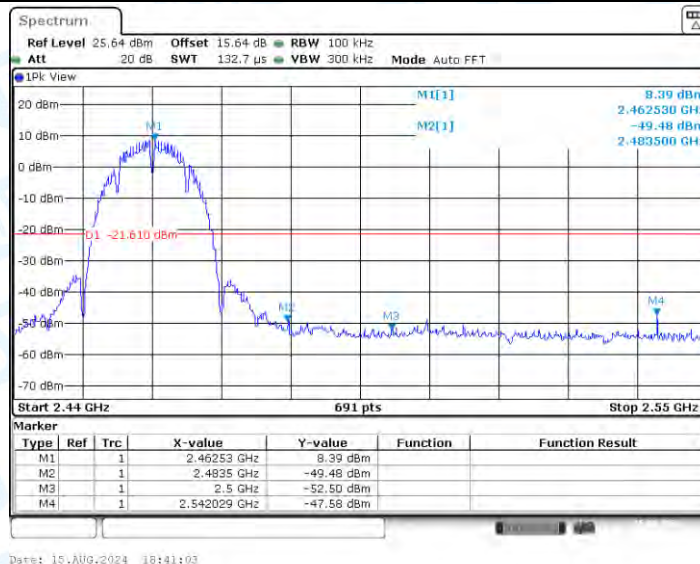
5.2. Test Graphs



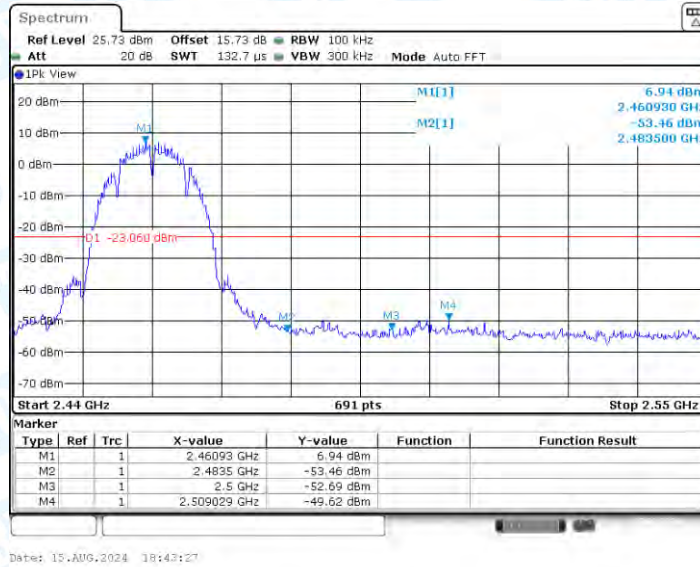
11B-CDD_Ant1_Low_2412



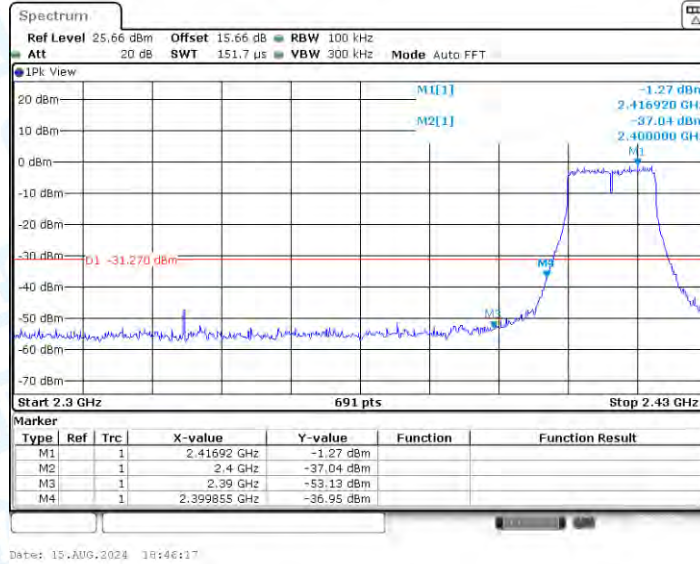
11B-CDD_Ant2_Low_2412



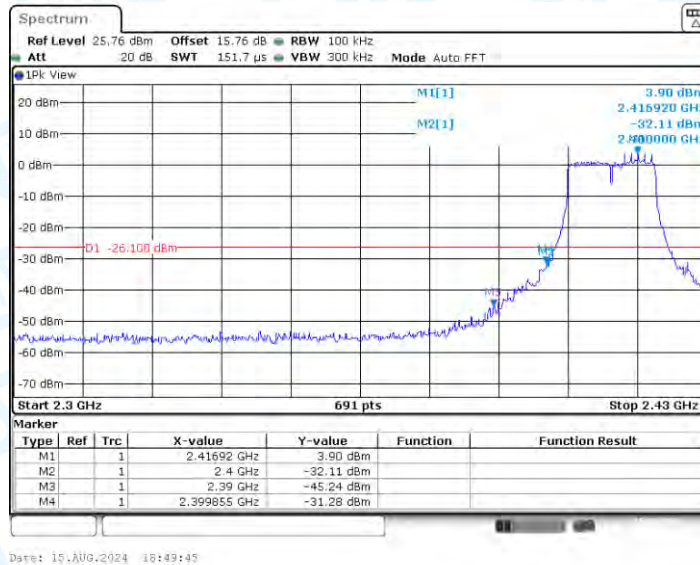
11B-CDD_Ant1_High_2462



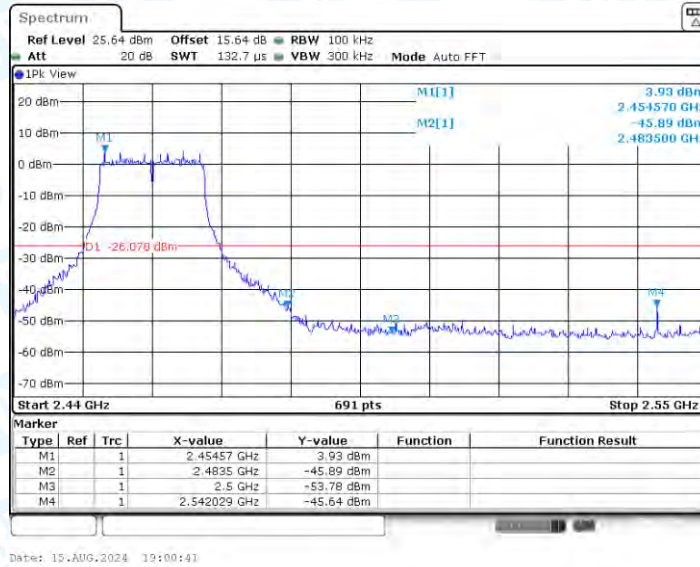
11B-CDD_Ant2_High_2462



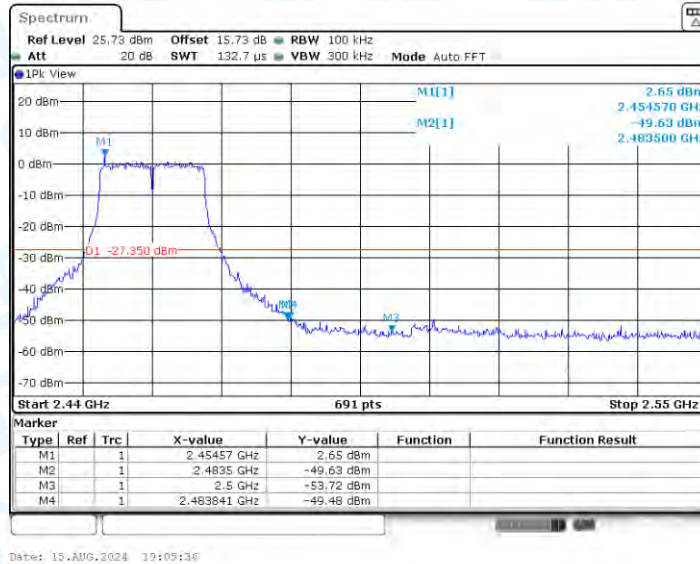
11G-CDD_Ant1_Low_2412



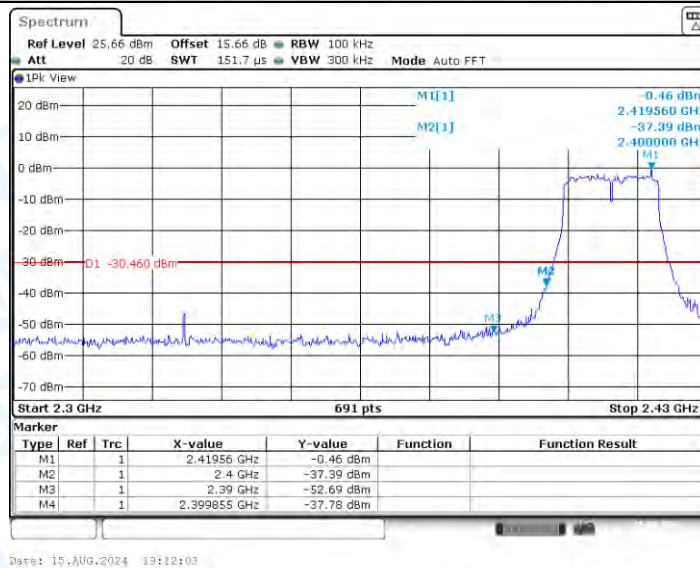
11G-CDD_Ant2_Low_2412



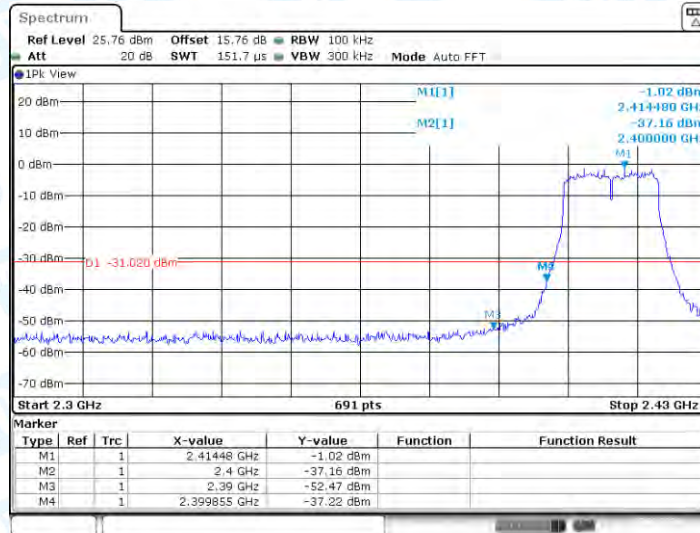
11G-CDD_Ant1_High_2462



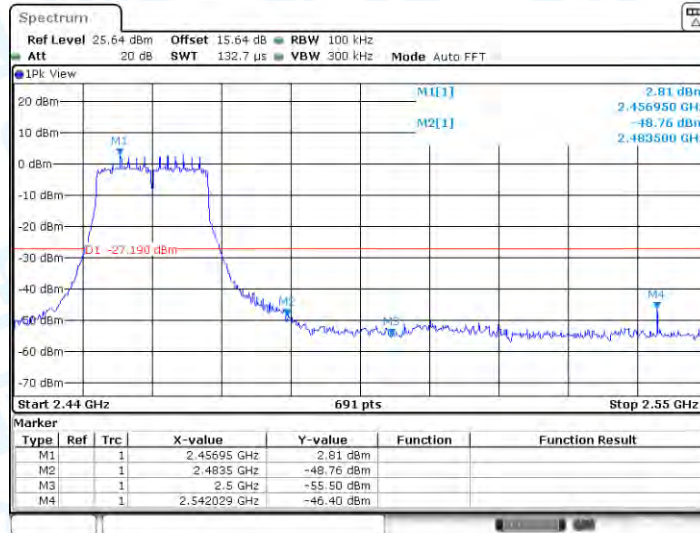
11G-CDD_Ant2_High_2462



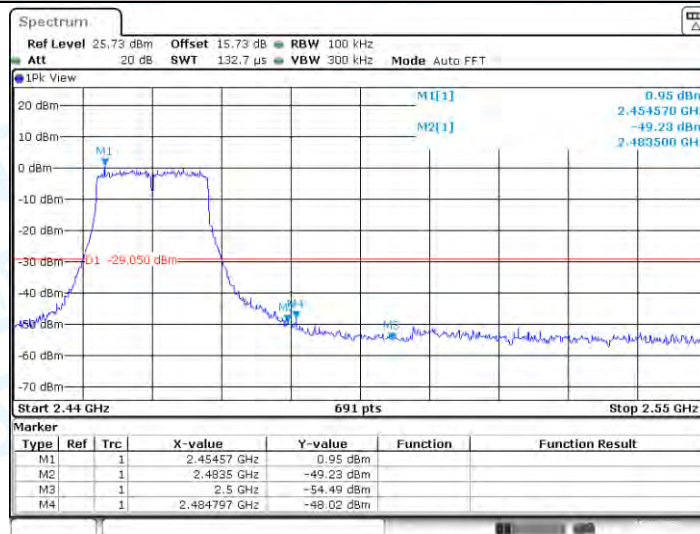
11N20MIMO_Ant1_Low_2412



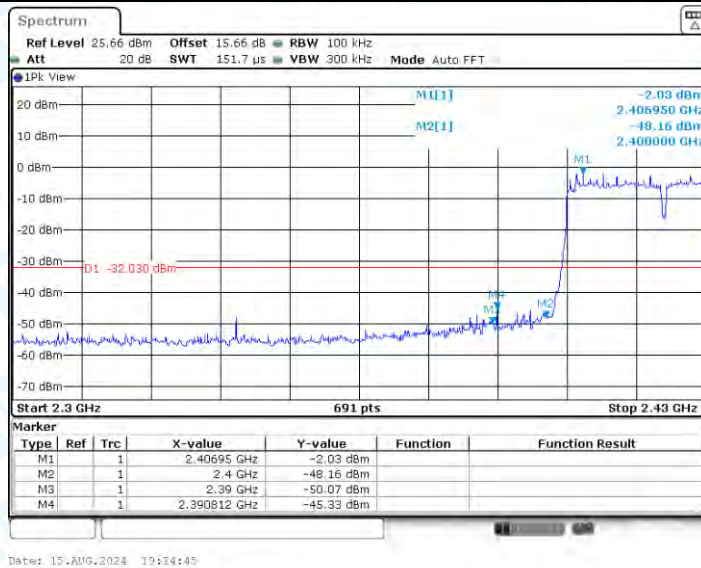
11N20MIMO_Ant2_Low_2412



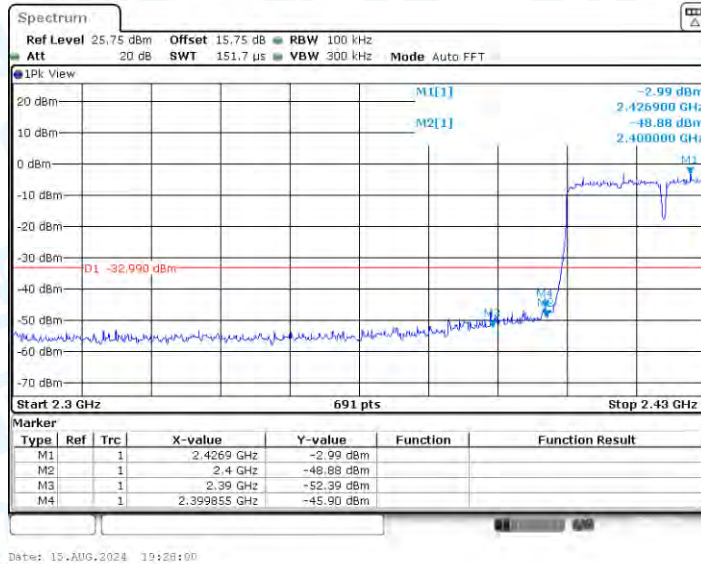
11N20MIMO_Ant1_High_2462



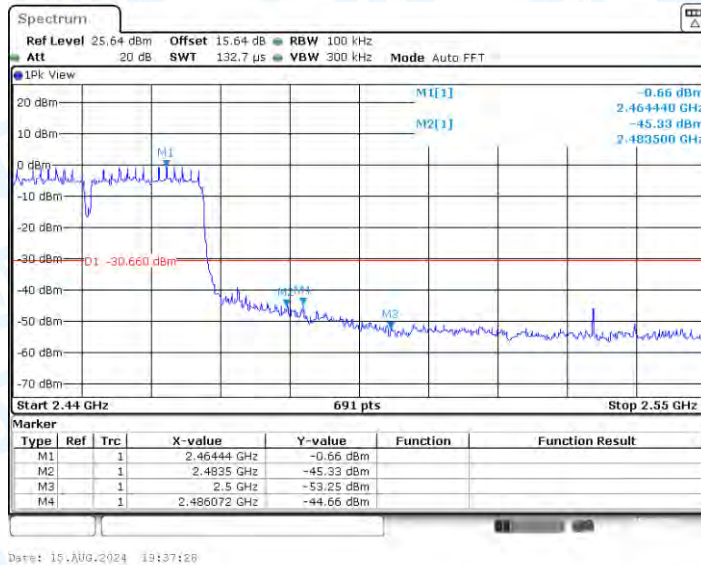
11N20MIMO_Ant2_High_2462



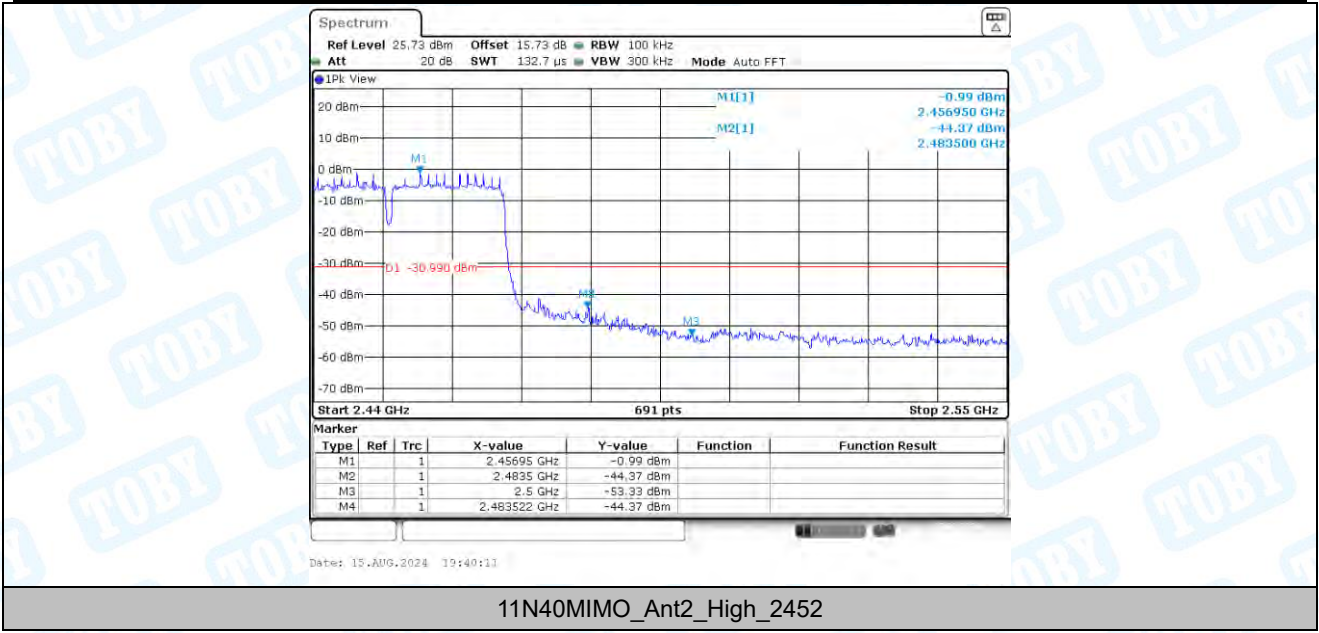
11N40MIMO_Ant1_Low_2422



11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



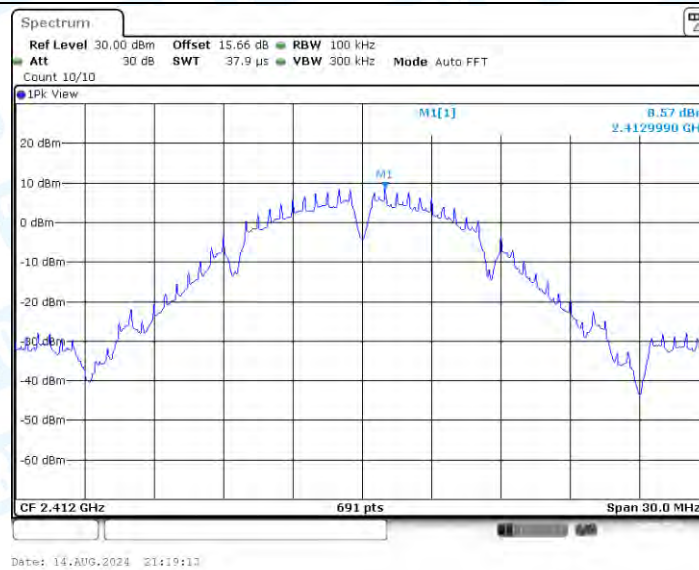
6. Conducted Spurious Emission

6.1. Test Result

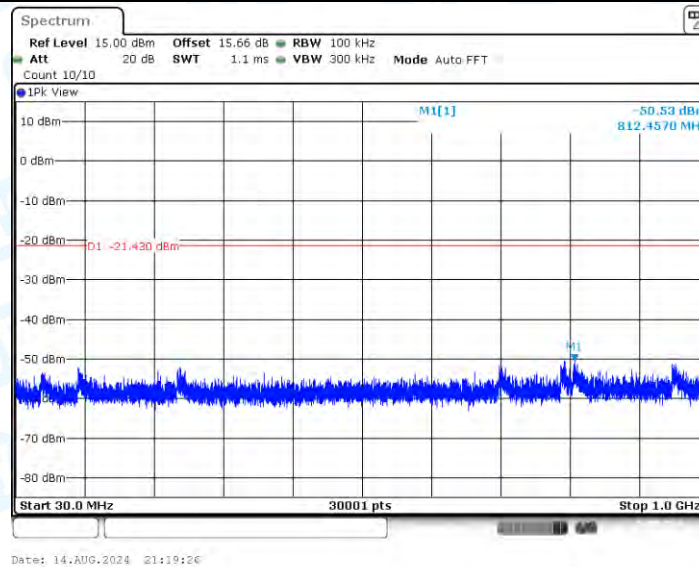
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	Reference	8.57	8.57	---	PASS
			30~1000	8.57	-50.53	≤-21.43	PASS
			1000~26500	8.57	-43.74	≤-21.43	PASS
	Ant2	2412	Reference	5.30	5.30	---	PASS
			30~1000	5.30	-50.98	≤-24.7	PASS
			1000~26500	4.94	-44.12	≤-25.06	PASS
	Ant1	2437	Reference	8.58	8.58	---	PASS
			30~1000	8.58	-51.36	≤-21.42	PASS
			1000~26500	8.58	-41.65	≤-21.42	PASS
	Ant2	2437	Reference	5.43	5.43	---	PASS
			30~1000	5.43	-51.15	≤-24.57	PASS
			1000~26500	5.43	-41.98	≤-24.57	PASS
	Ant1	2462	Reference	7.66	7.66	---	PASS
			30~1000	7.66	-50.48	≤-22.34	PASS
			1000~26500	7.66	-42.3	≤-22.34	PASS
	Ant2	2462	Reference	4.05	4.05	---	PASS
			30~1000	4.05	-50.51	≤-25.95	PASS
			1000~26500	4.05	-43.48	≤-25.95	PASS
11G-CDD	Ant1	2412	Reference	6.53	6.53	---	PASS
			30~1000	6.53	-50.5	≤-23.47	PASS
			1000~26500	6.53	-44.02	≤-23.47	PASS
	Ant2	2412	Reference	2.83	2.83	---	PASS
			30~1000	2.83	-50.51	≤-27.17	PASS
			1000~26500	2.83	-45.1	≤-27.17	PASS
	Ant1	2437	Reference	6.03	6.03	---	PASS
			30~1000	6.03	-51.33	≤-23.97	PASS
			1000~26500	6.03	-44.37	≤-23.97	PASS
	Ant2	2437	Reference	2.13	2.13	---	PASS
			30~1000	2.13	-51.01	≤-27.87	PASS
			1000~26500	2.13	-45.2	≤-27.87	PASS
	Ant1	2462	Reference	5.33	5.33	---	PASS
			30~1000	5.33	-50.37	≤-24.67	PASS
			1000~26500	5.33	-45.22	≤-24.67	PASS
	Ant2	2462	Reference	1.69	1.69	---	PASS
			30~1000	1.69	-50.92	≤-28.31	PASS
			1000~26500	1.69	-45.14	≤-28.31	PASS
11N20MIMO	Ant1	2412	Reference	4.62	4.62	---	PASS
			30~1000	4.62	-51.01	≤-25.38	PASS
			1000~26500	4.62	-45.93	≤-25.38	PASS
	Ant2	2412	Reference	1.54	1.54	---	PASS

			30~1000	1.54	-50.73	≤ -28.46	PASS
			1000~26500	1.54	-45.6	≤ -28.46	PASS
			Reference	4.43	4.43	---	PASS
	Ant1	2437	30~1000	4.43	-49.94	≤ -25.57	PASS
			1000~26500	4.43	-45.65	≤ -25.57	PASS
			Reference	-0.64	-0.64	---	PASS
	Ant2	2437	30~1000	-0.64	-51.26	≤ -30.64	PASS
			1000~26500	-0.64	-45.7	≤ -30.64	PASS
			Reference	2.86	2.86	---	PASS
	Ant1	2462	30~1000	2.86	-50.21	≤ -27.14	PASS
			1000~26500	2.86	-45.35	≤ -27.14	PASS
			Reference	1.78	1.78	---	PASS
	Ant2	2462	30~1000	1.78	-50.95	≤ -28.22	PASS
			1000~26500	1.78	-45.2	≤ -28.22	PASS
			Reference	1.36	1.36	---	PASS
11N40MIMO	Ant1	2422	30~1000	1.36	-51.12	≤ -28.64	PASS
			1000~26500	1.36	-45.22	≤ -28.64	PASS
			Reference	-0.10	-0.10	---	PASS
	Ant2	2422	30~1000	-0.10	-50.8	≤ -30.1	PASS
			1000~26500	-0.10	-45.48	≤ -30.1	PASS
			Reference	-1.86	-1.86	---	PASS
	Ant1	2437	30~1000	-1.86	-51.33	≤ -31.86	PASS
			1000~26500	-1.86	-45.6	≤ -31.86	PASS
			Reference	-1.34	-1.34	---	PASS
	Ant2	2437	30~1000	-1.34	-50.99	≤ -31.34	PASS
			1000~26500	-1.34	-45.69	≤ -31.34	PASS
			Reference	-2.42	-2.42	---	PASS
	Ant1	2452	30~1000	-2.42	-51.34	≤ -32.42	PASS
			1000~26500	-2.42	-45.33	≤ -32.42	PASS
			Reference	-0.69	-0.69	---	PASS
	Ant2	2452	30~1000	-0.69	-50.1	≤ -30.69	PASS
			1000~26500	-0.69	-45.62	≤ -30.69	PASS
			Reference	-0.69	-50.1	≤ -30.69	PASS

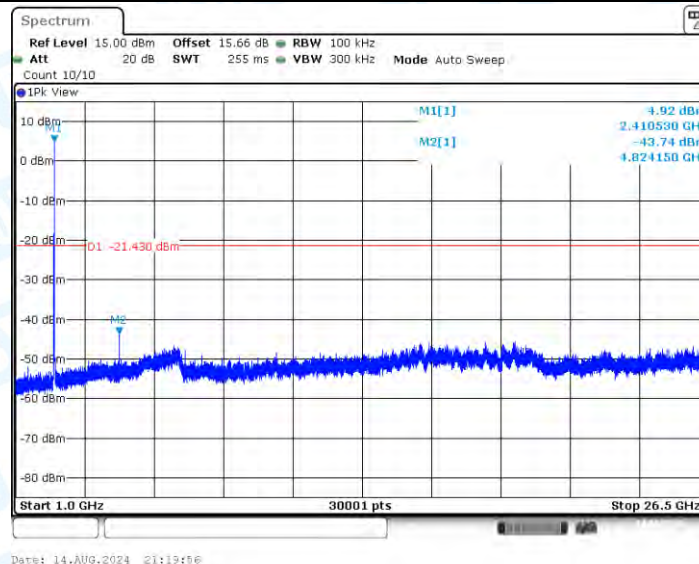
6.2. Test Graphs



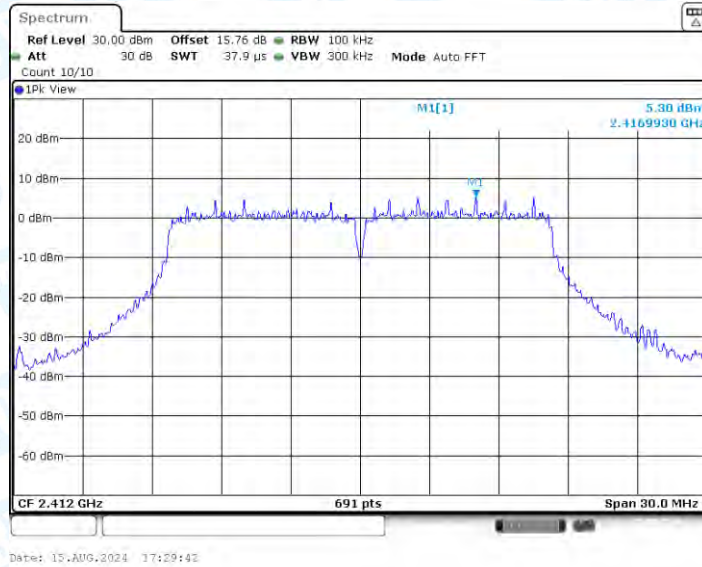
11B-CDD_Ant1_2412_0~Reference



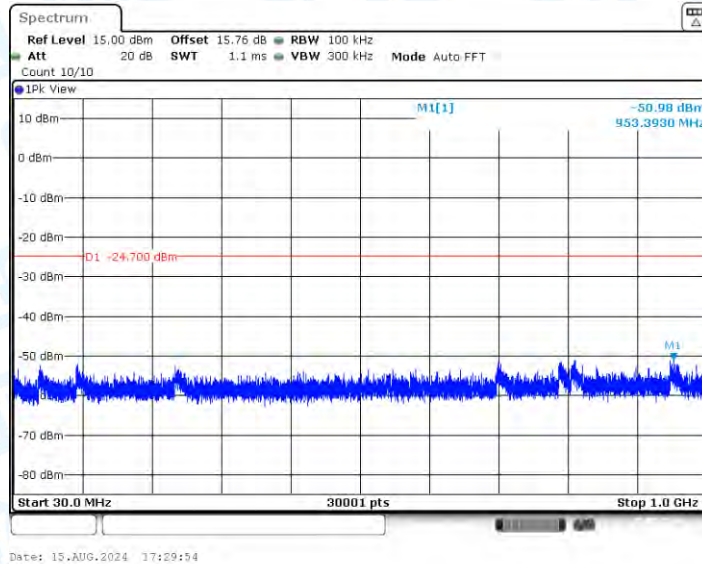
11B-CDD_Ant1_2412_30~1000



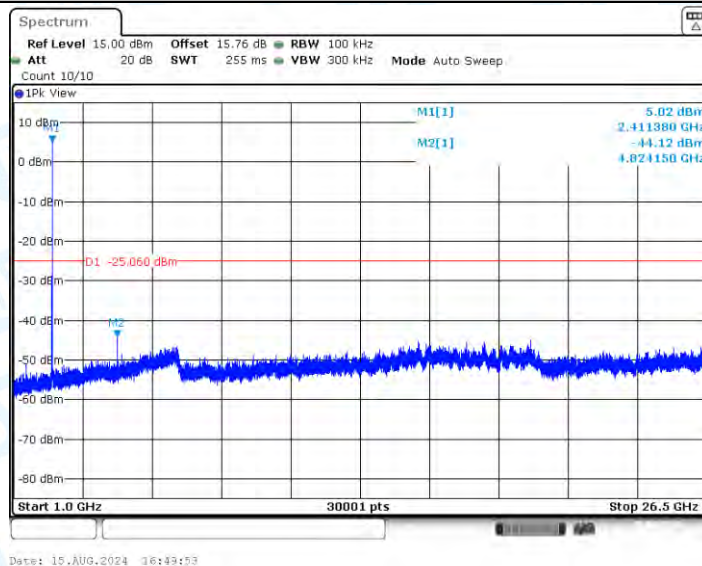
11B-CDD_Ant1_2412_1000~26500



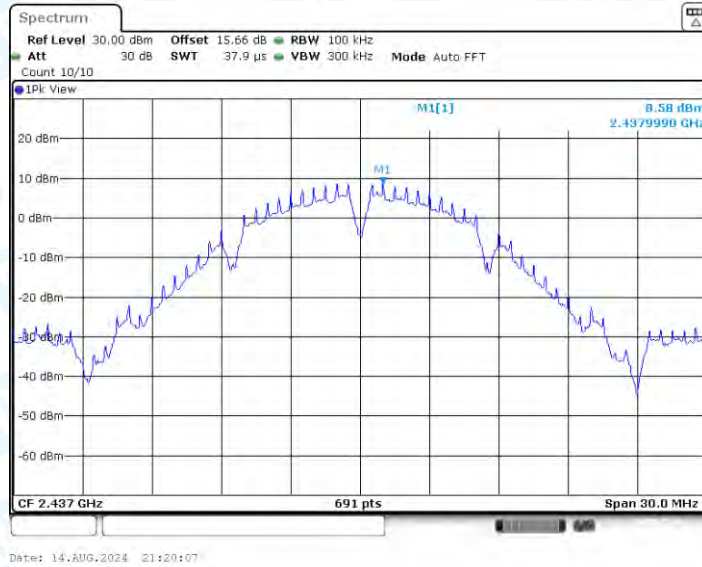
11B-CDD_Ant2_2412_0~Reference



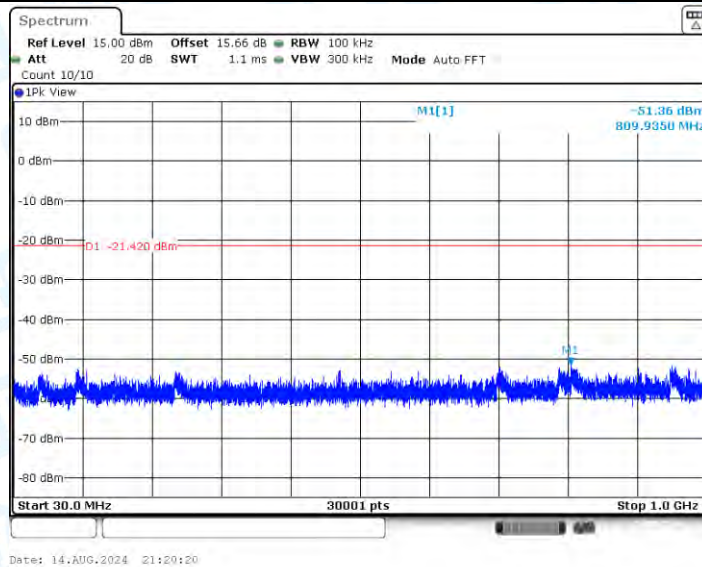
11B-CDD_Ant2_2412_30~1000



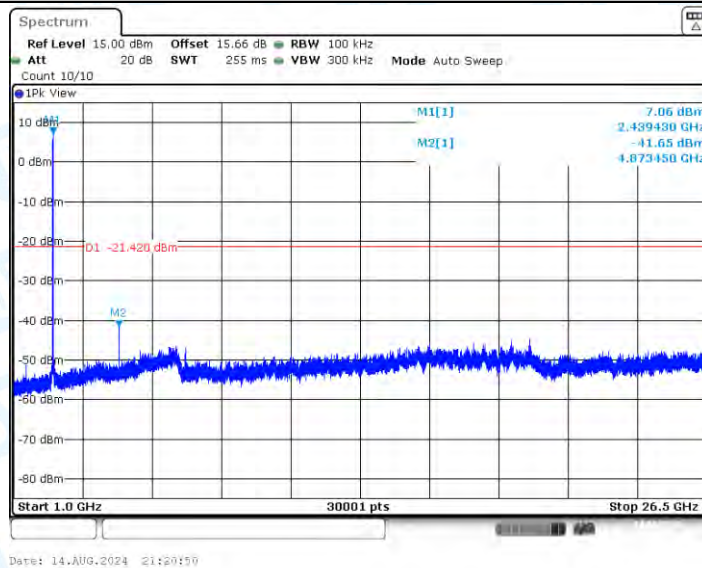
11B-CDD_Ant2_2412_1000~26500



11B-CDD_Ant1_2437_0~Reference



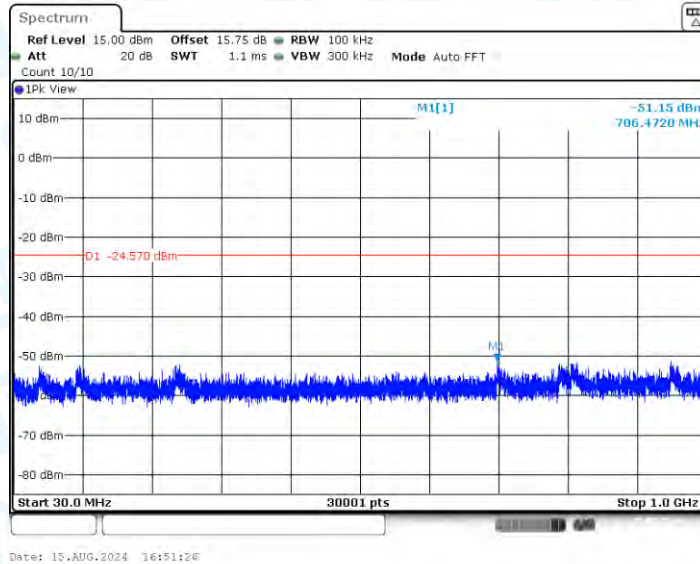
11B-CDD_Ant1_2437_30~1000



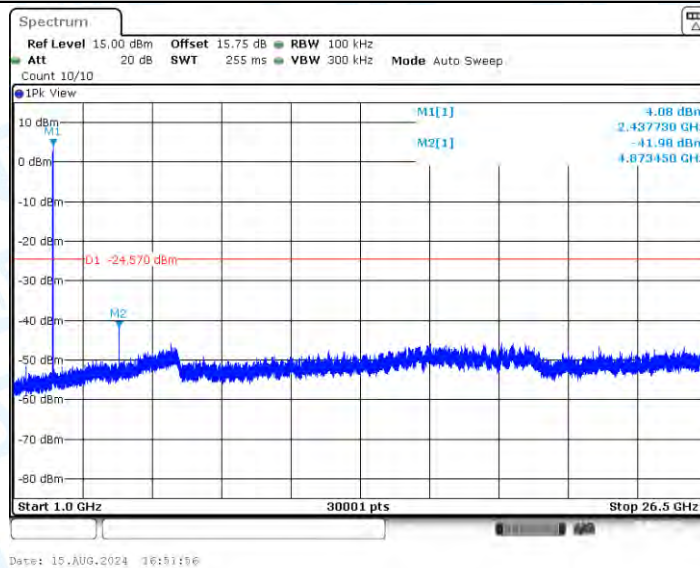
11B-CDD_Ant1_2437_1000~26500



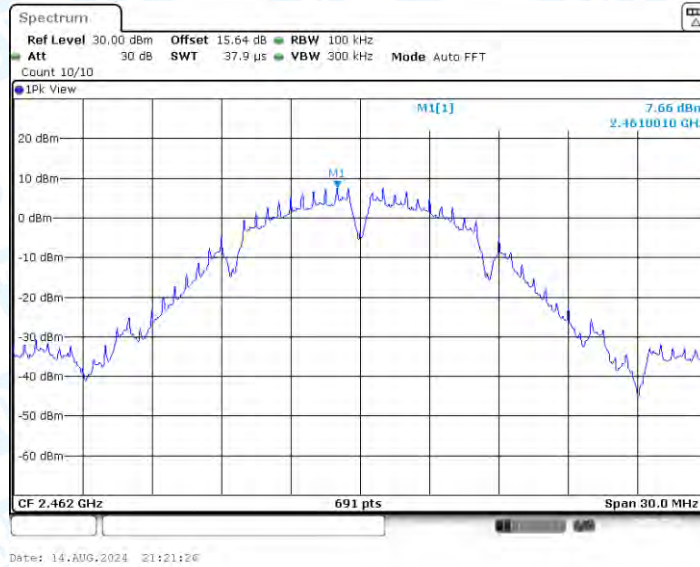
11B-CDD_Ant2_2437_0~Reference



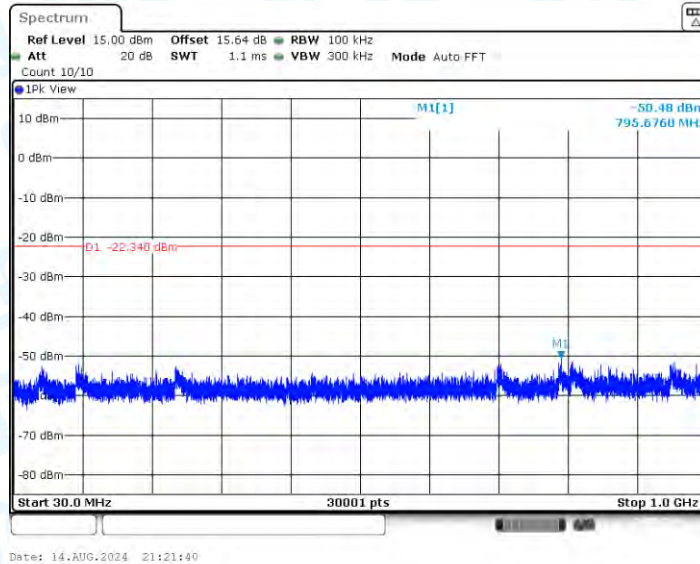
11B-CDD_Ant2_2437_30~1000



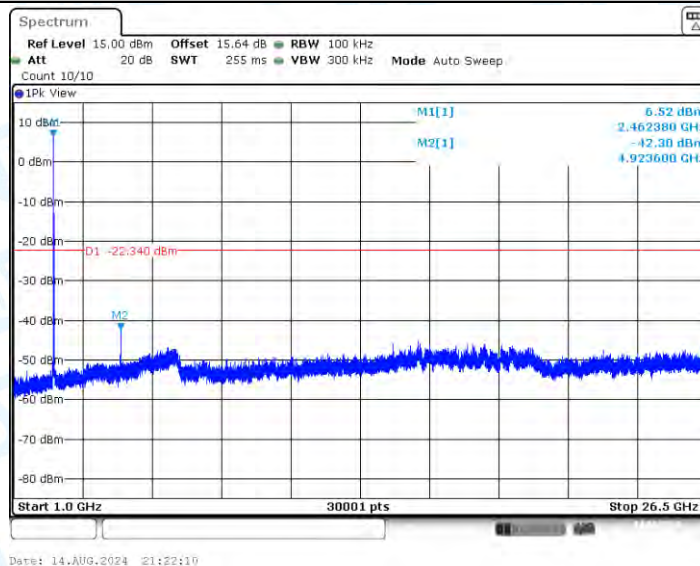
11B-CDD_Ant2_2437_1000~26500



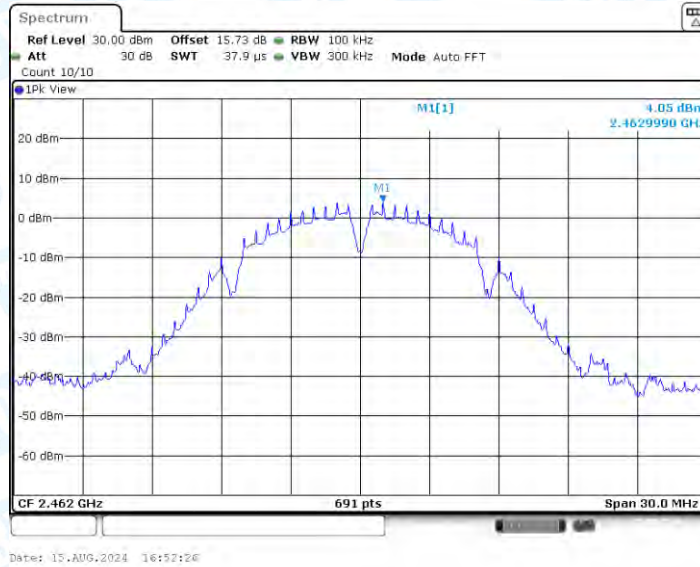
11B-CDD_Ant1_2462_0~Reference



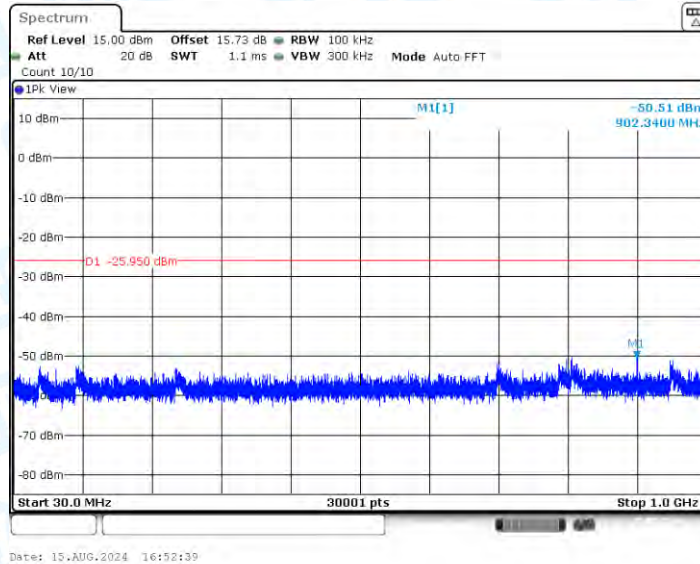
11B-CDD_Ant1_2462_30~1000



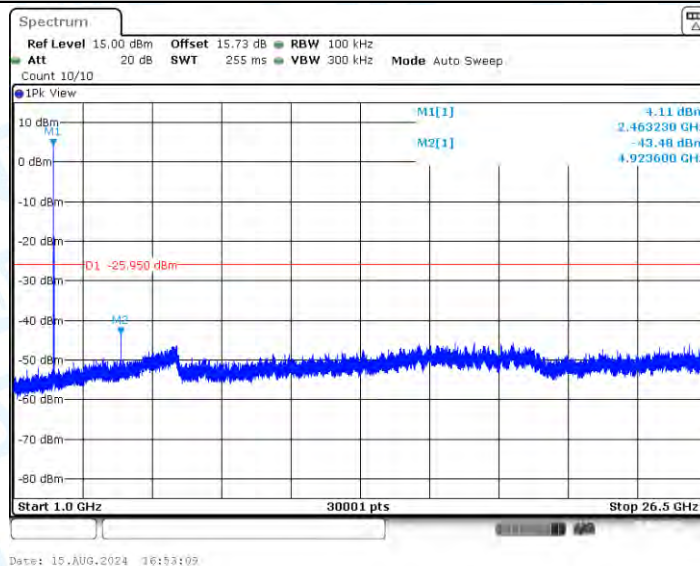
11B-CDD_Ant1_2462_1000~26500



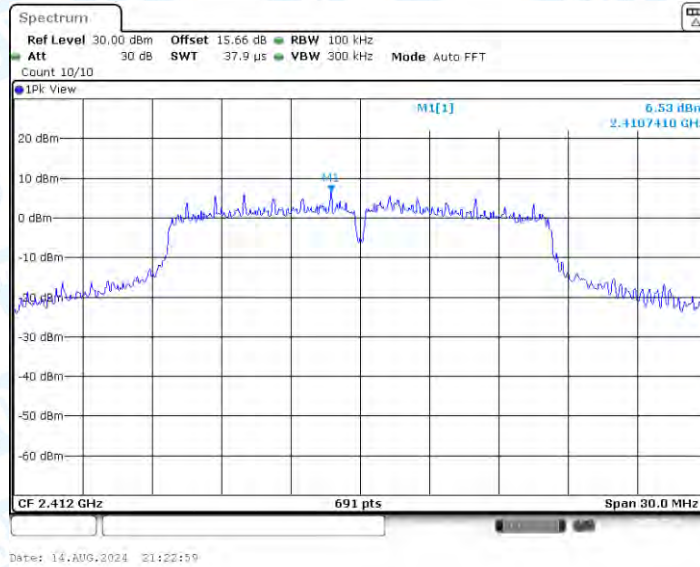
11B-CDD_Ant2_2462_0~Reference



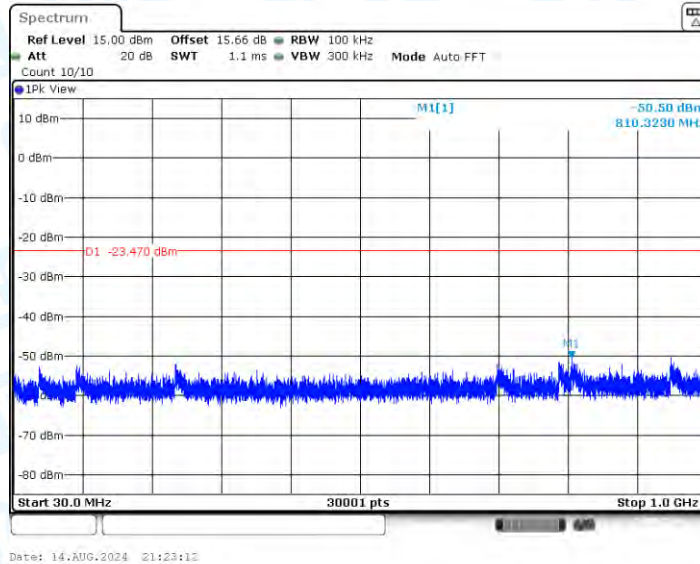
11B-CDD_Ant2_2462_30~1000



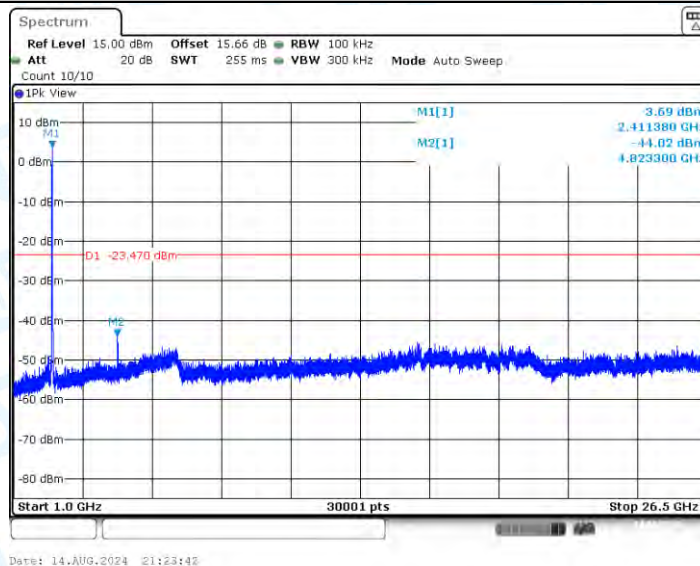
11B-CDD_Ant2_2462_1000~26500



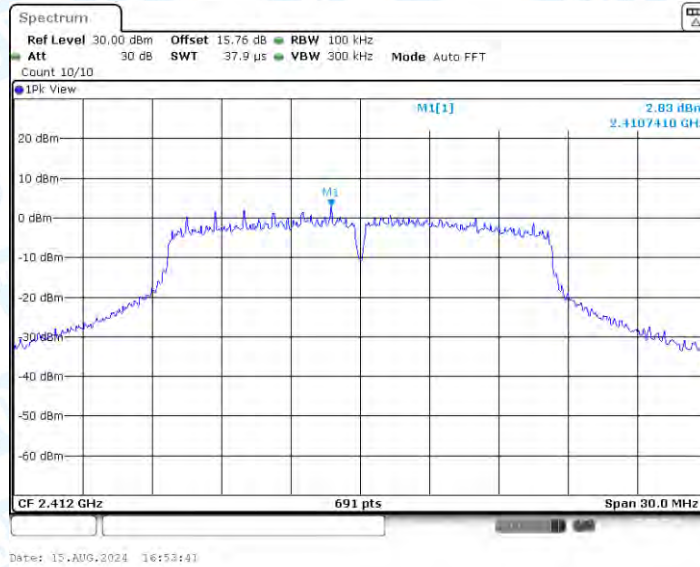
11G-CDD_Ant1_2412_0~Reference



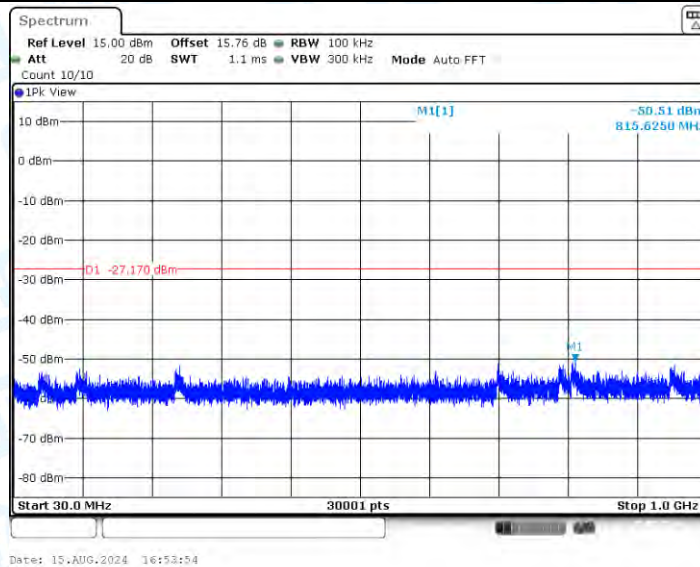
11G-CDD_Ant1_2412_30~1000



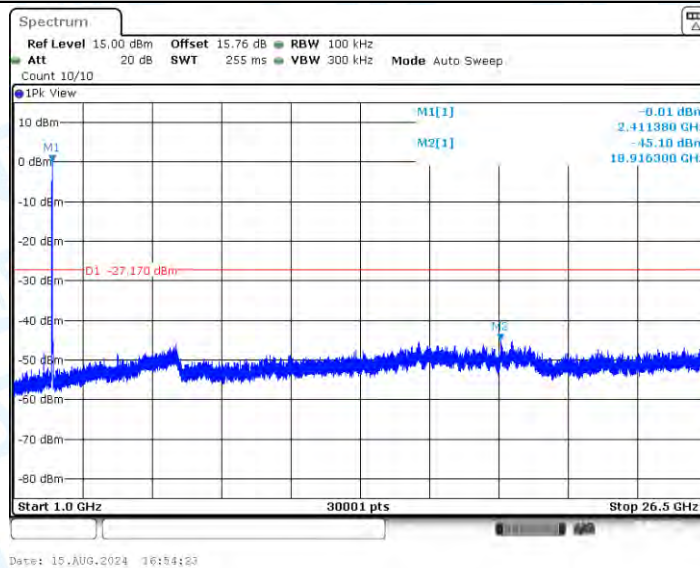
11G-CDD_Ant1_2412_1000~26500



11G-CDD_Ant2_2412_0~Reference



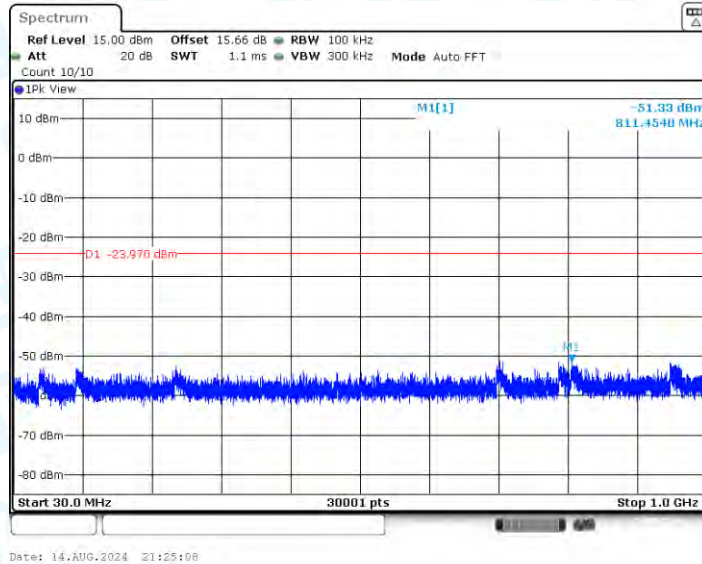
11G-CDD_Ant2_2412_30~1000



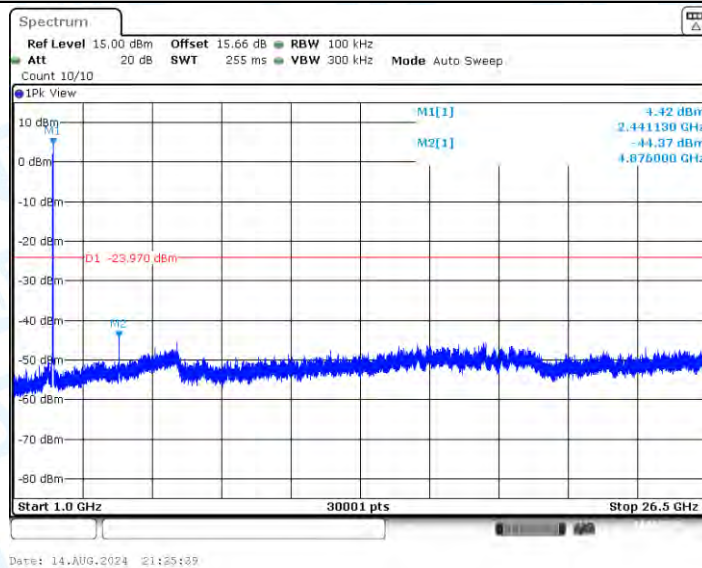
11G-CDD_Ant2_2412_1000~26500



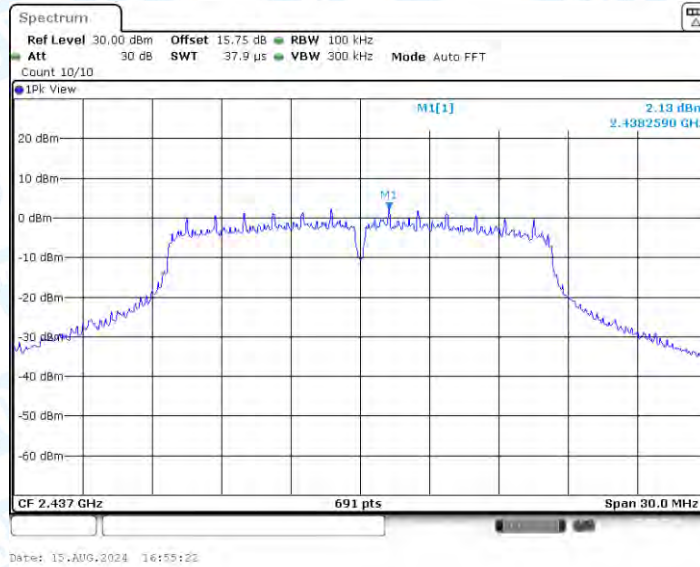
11G-CDD_Ant1_2437_0~Reference



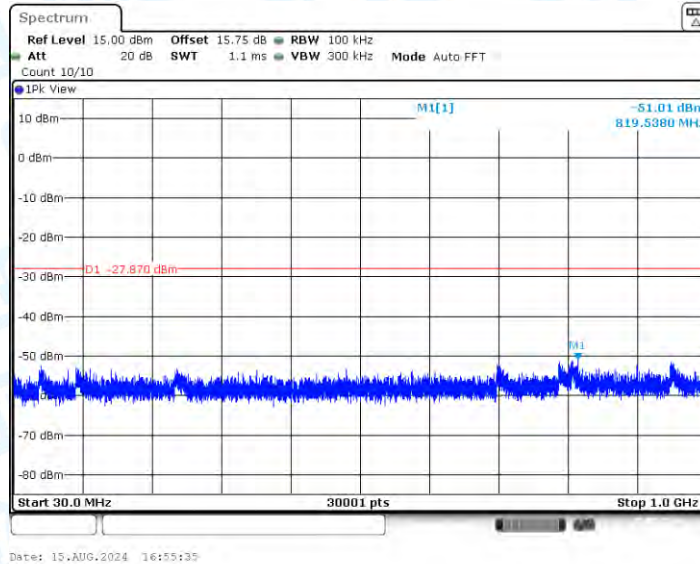
11G-CDD_Ant1_2437_30~1000



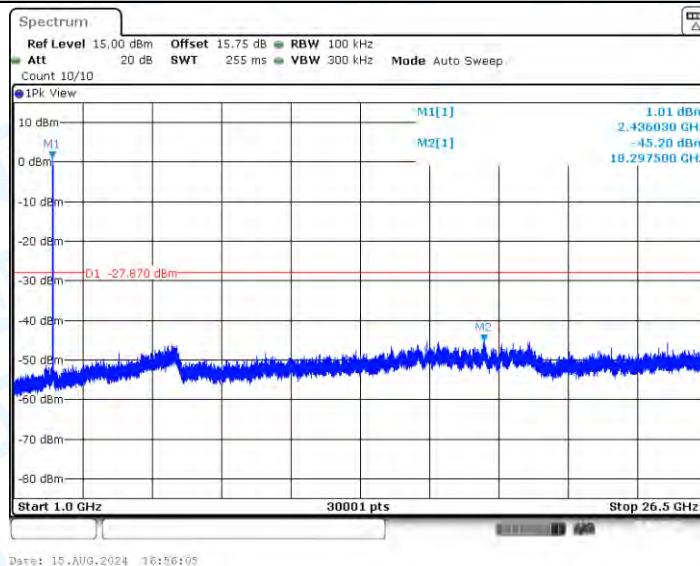
11G-CDD_Ant1_2437_1000~26500



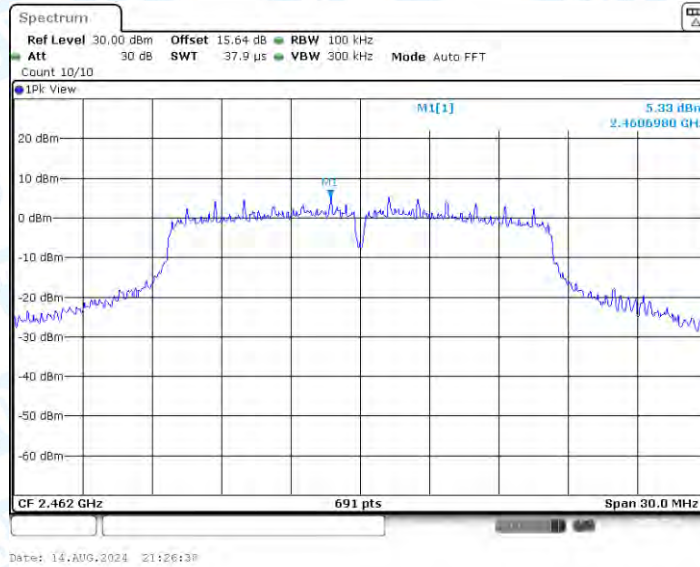
11G-CDD_Ant2_2437_0~Reference



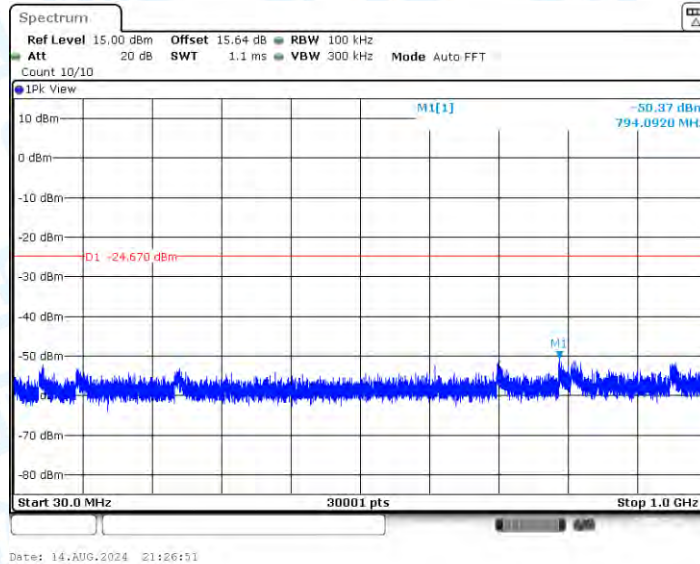
11G-CDD_Ant2_2437_30~1000



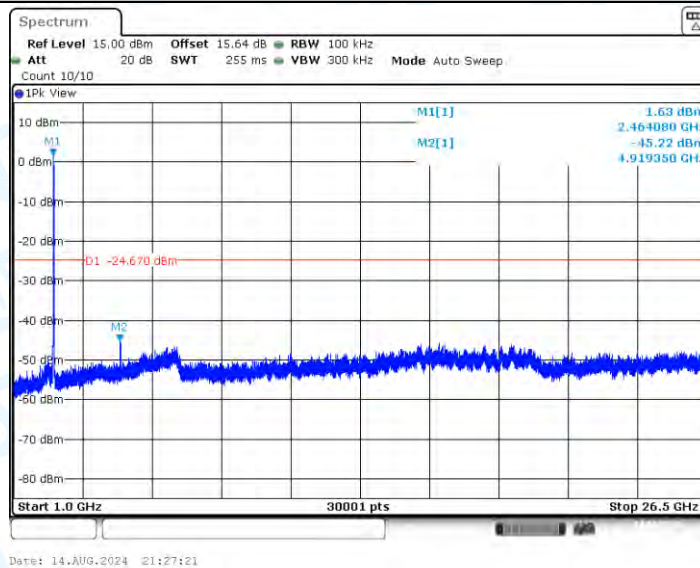
11G-CDD_Ant2_2437_1000~26500



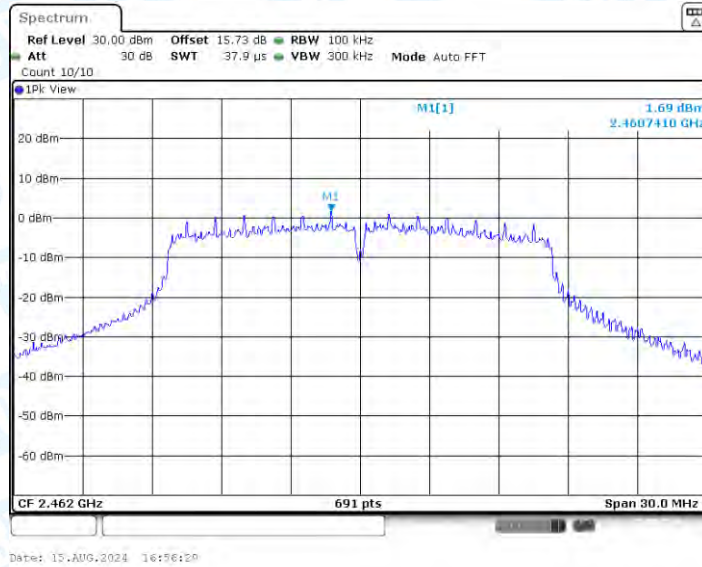
11G-CDD_Ant1_2462_0~Reference



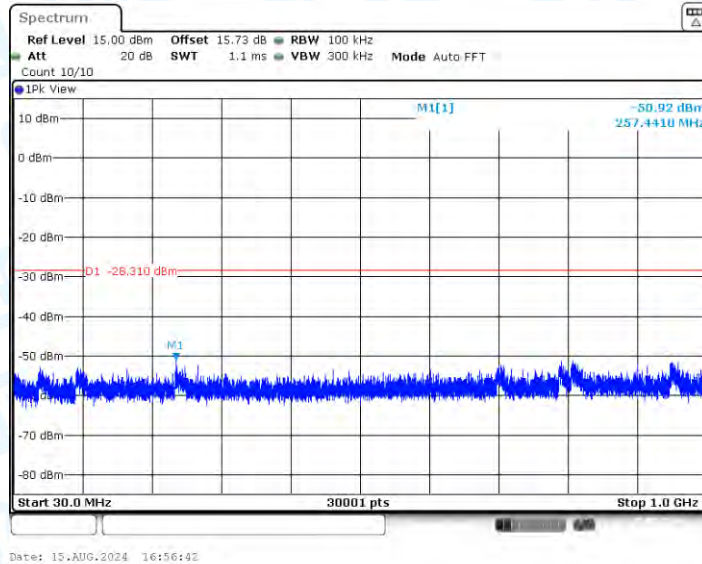
11G-CDD_Ant1_2462_30~1000



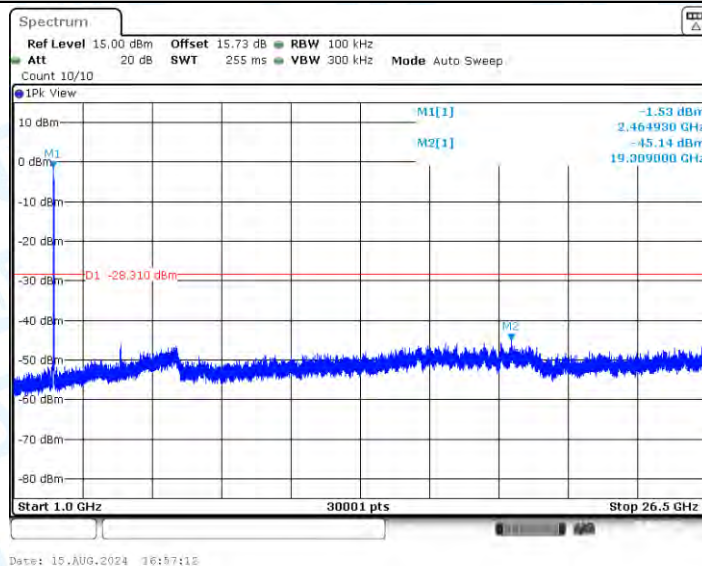
11G-CDD_Ant1_2462_1000~26500



11G-CDD_Ant2_2462_0~Reference



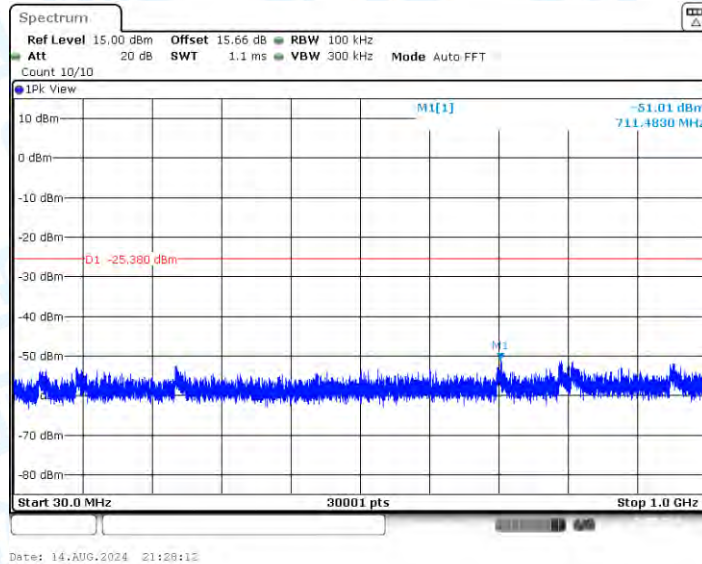
11G-CDD_Ant2_2462_30~1000



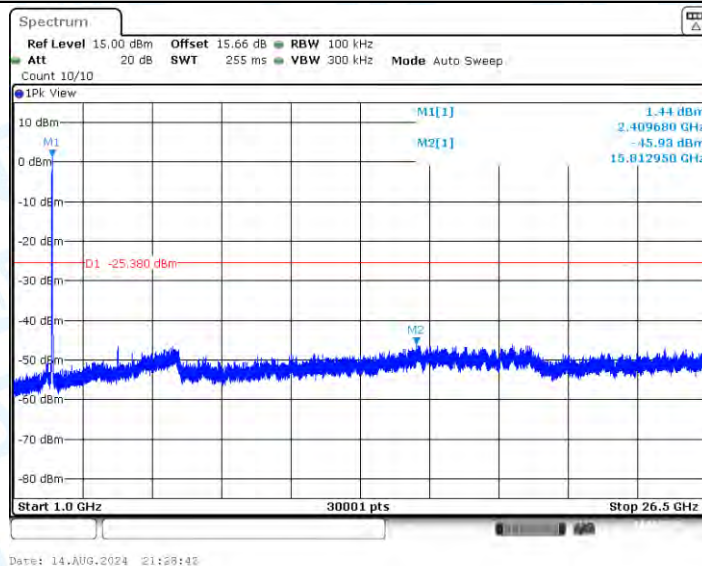
11G-CDD_Ant2_2462_1000~26500



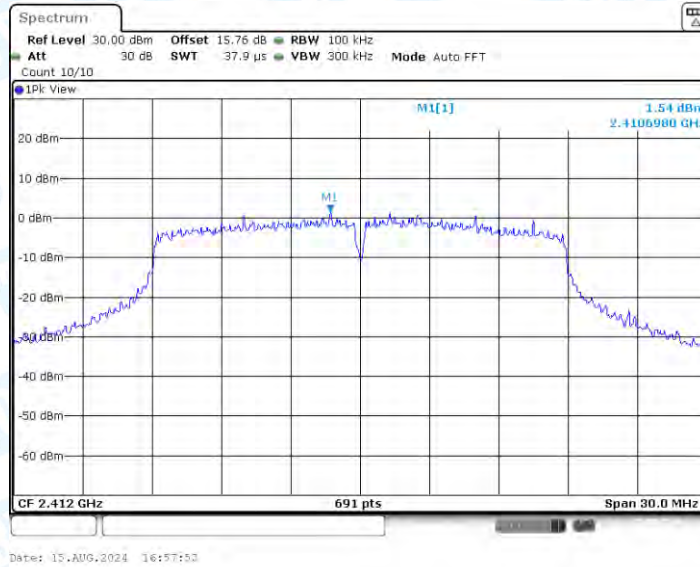
11N20MIMO_Ant1_2412_0~Reference



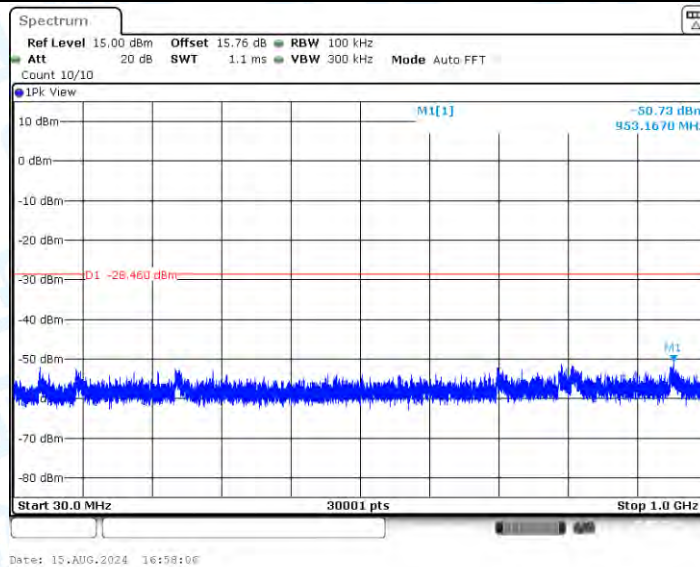
11N20MIMO_Ant1_2412_30~1000



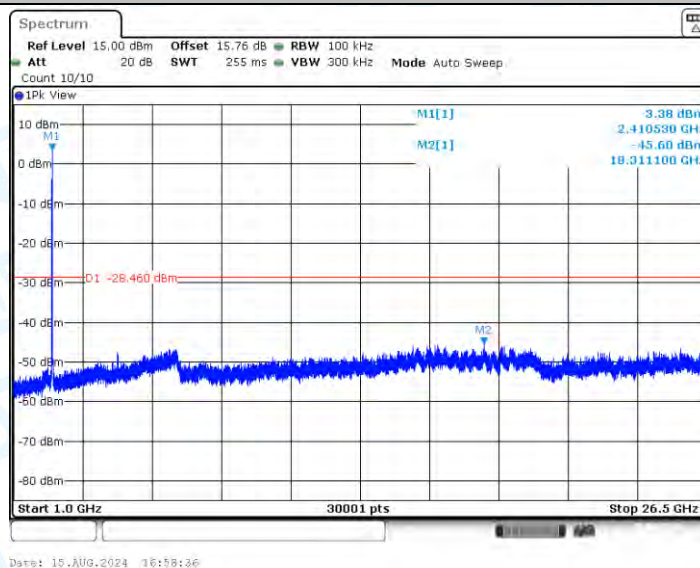
11N20MIMO_Ant1_2412_1000~26500



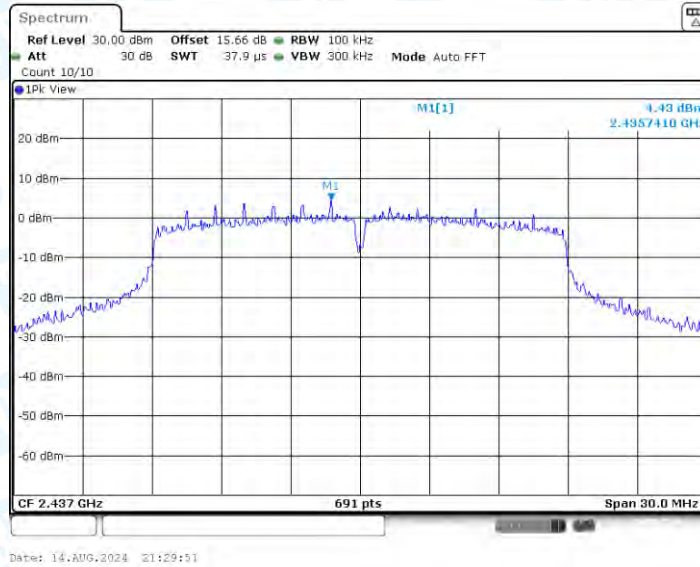
11N20MIMO_Ant2_2412_0~Reference



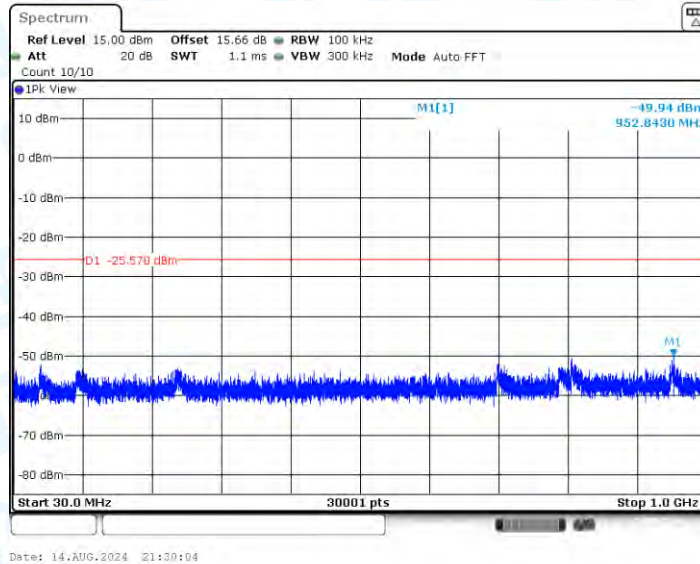
11N20MIMO_Ant2_2412_30~1000



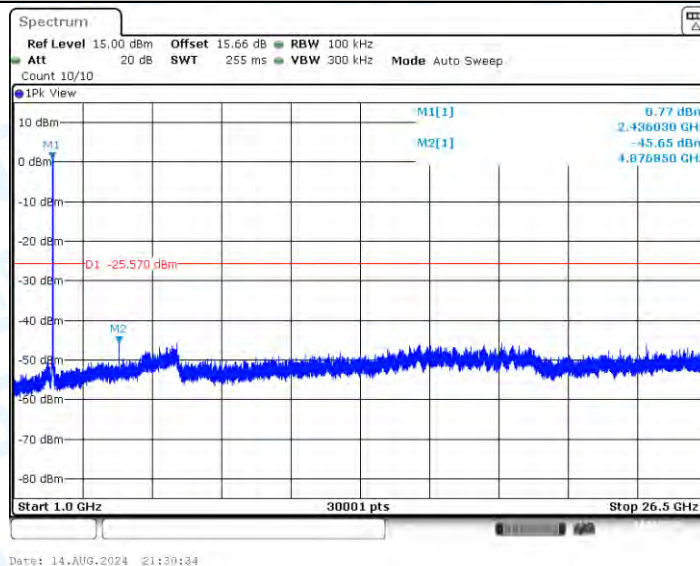
11N20MIMO_Ant2_2412_1000~26500



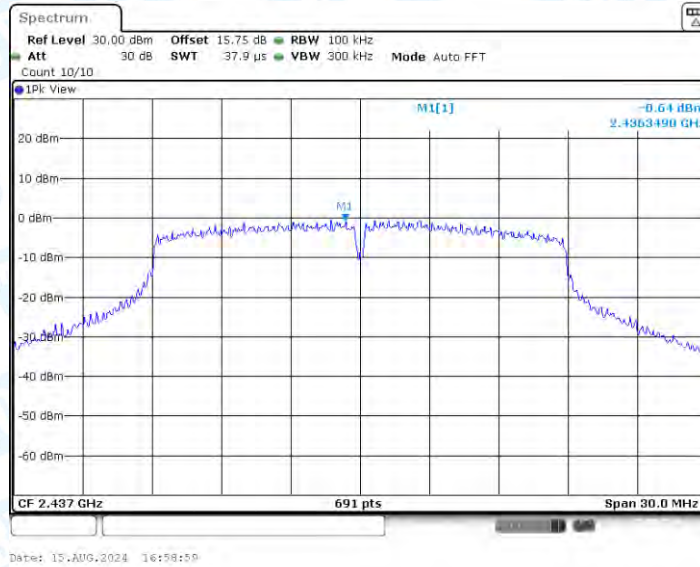
11N20MIMO_Ant1_2437_0~Reference



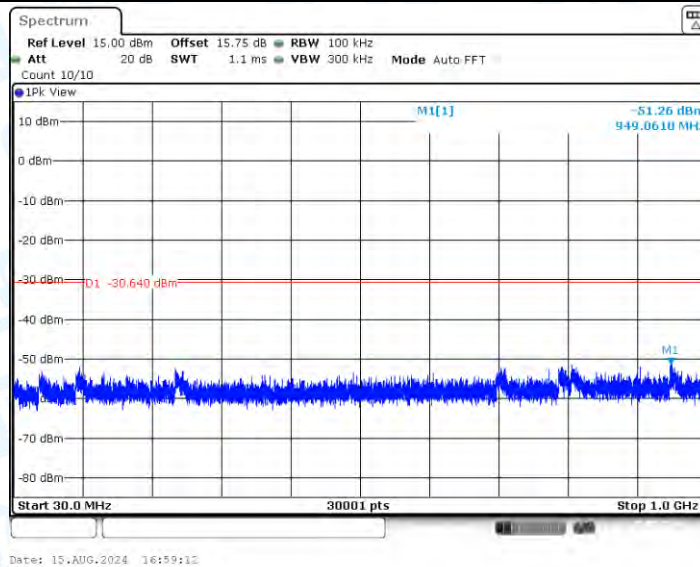
11N20MIMO_Ant1_2437_30~1000



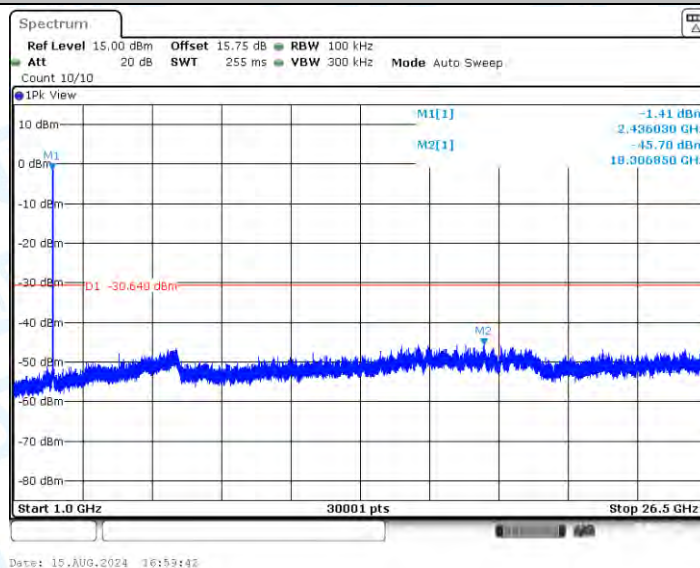
11N20MIMO_Ant1_2437_1000~26500



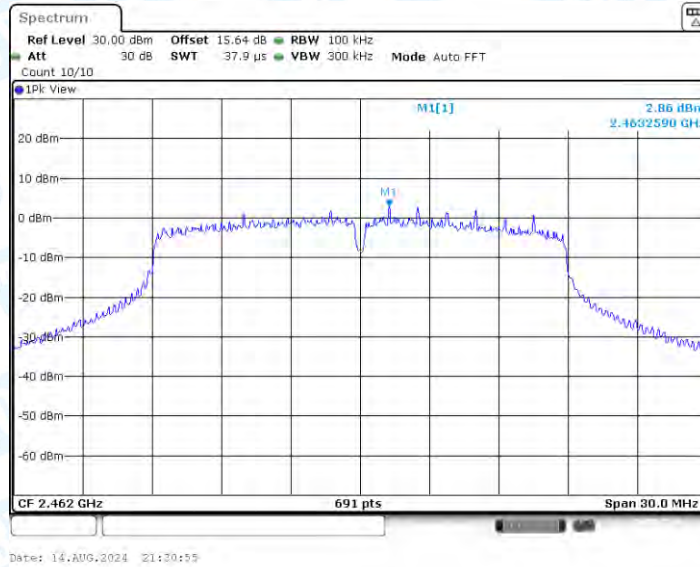
11N20MIMO_Ant2_2437_0~Reference



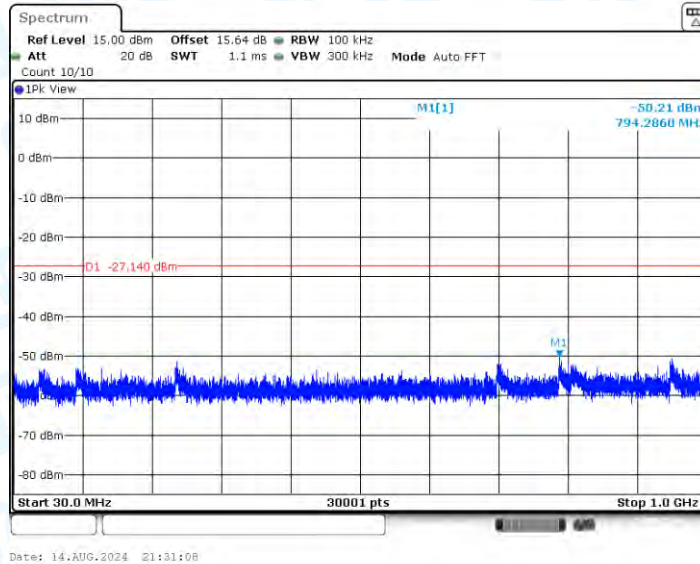
11N20MIMO_Ant2_2437_30~1000



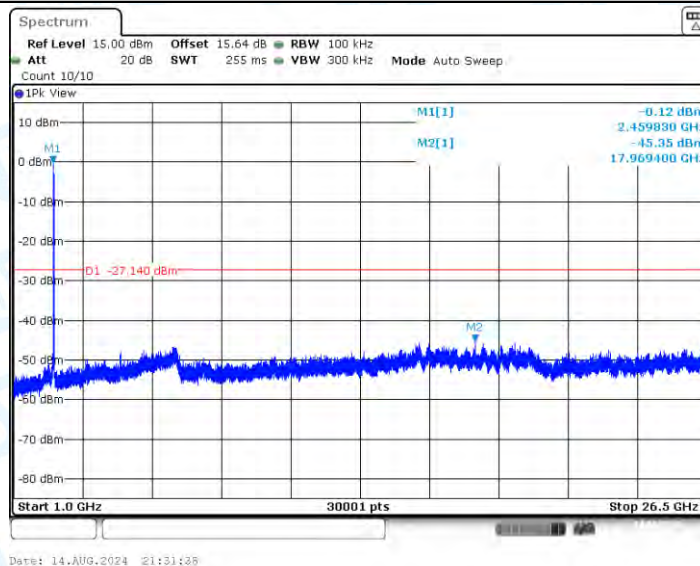
11N20MIMO_Ant2_2437_1000~26500



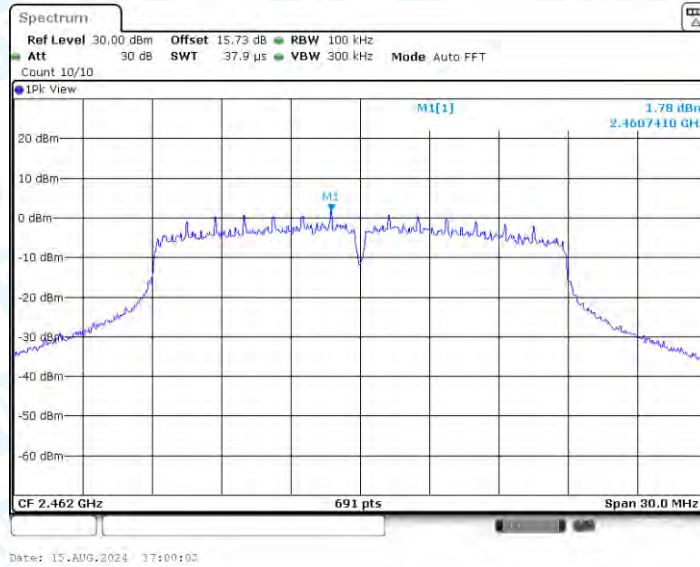
11N20MIMO_Ant1_2462_0~Reference



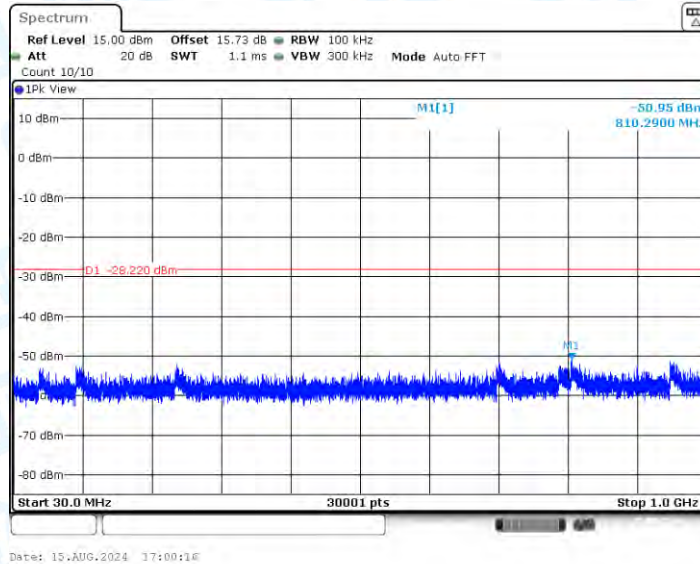
11N20MIMO_Ant1_2462_30~1000



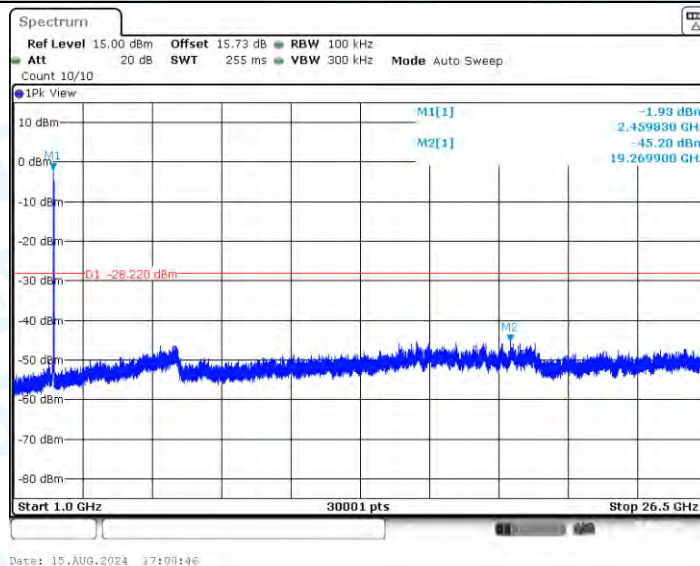
11N20MIMO_Ant1_2462_1000~26500



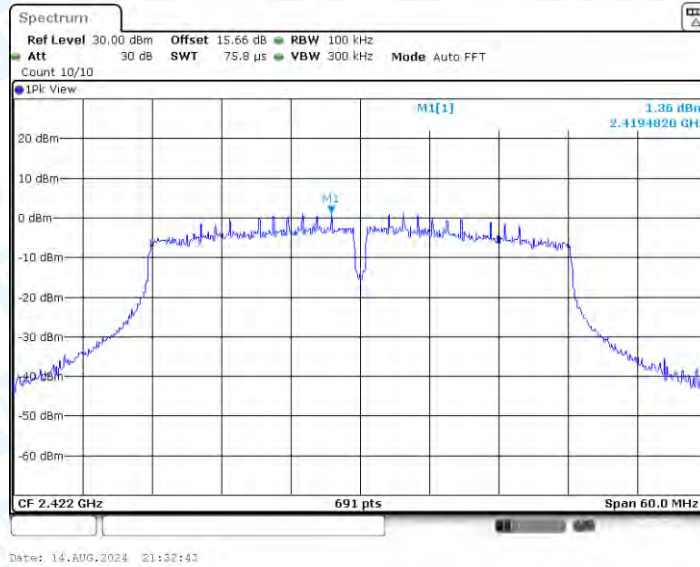
11N20MIMO_Ant2_2462_0~Reference



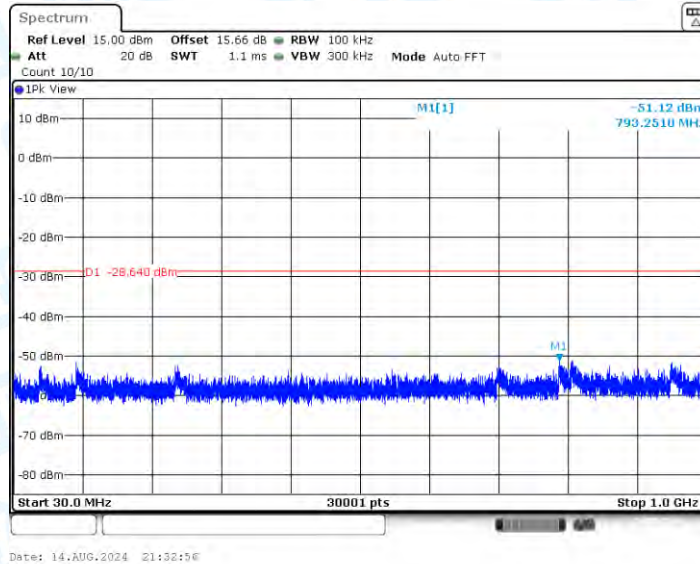
11N20MIMO_Ant2_2462_30~1000



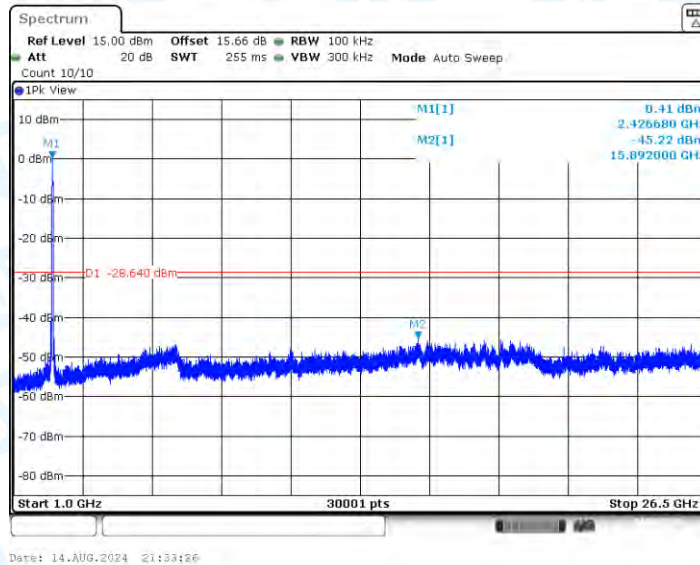
11N20MIMO_Ant2_2462_1000~26500



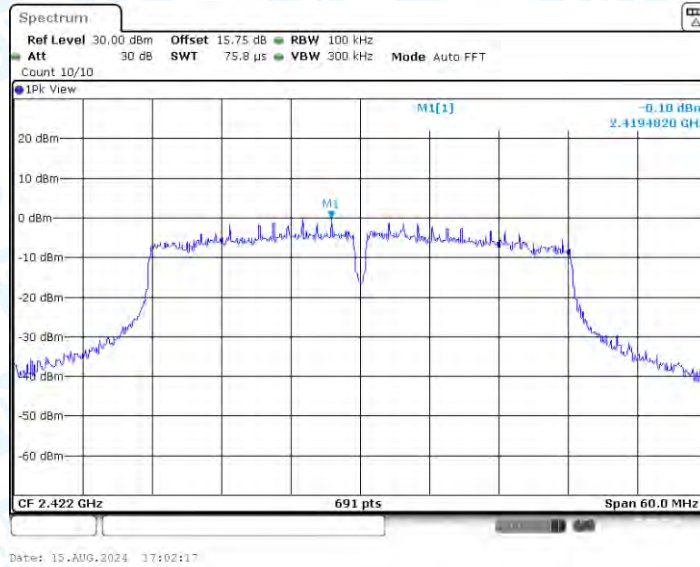
11N40MIMO_Ant1_2422_0~Reference



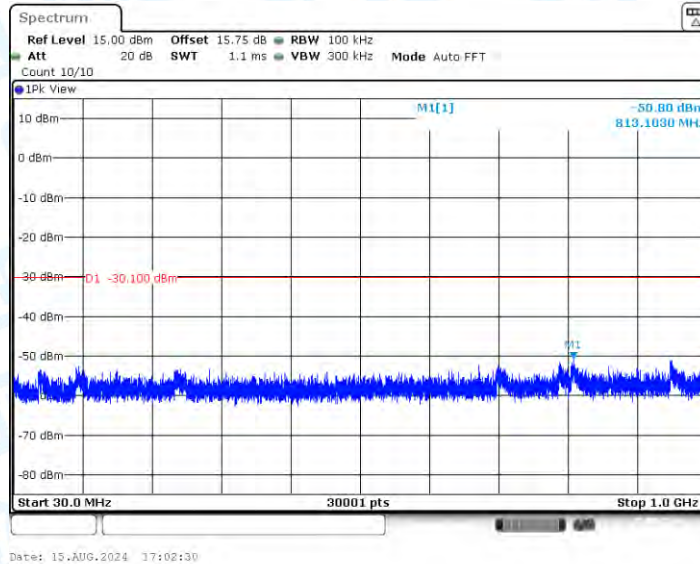
11N40MIMO_Ant1_2422_30~1000



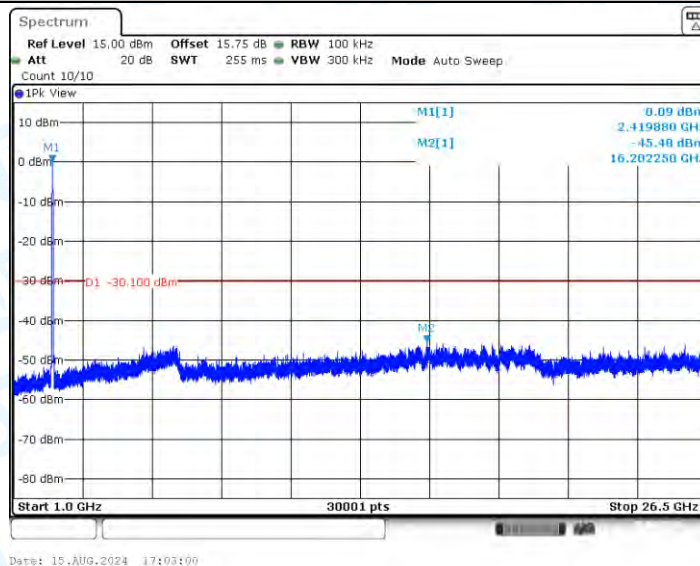
11N40MIMO_Ant1_2422_1000~26500



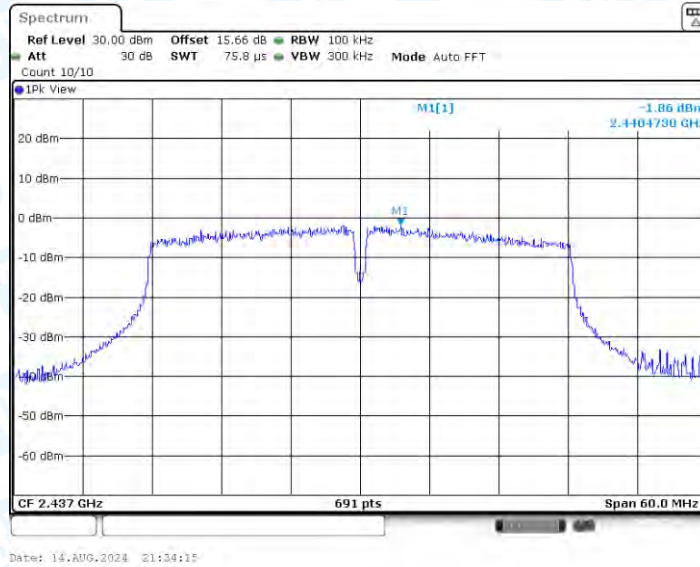
11N40MIMO_Ant2_2422_0~Reference



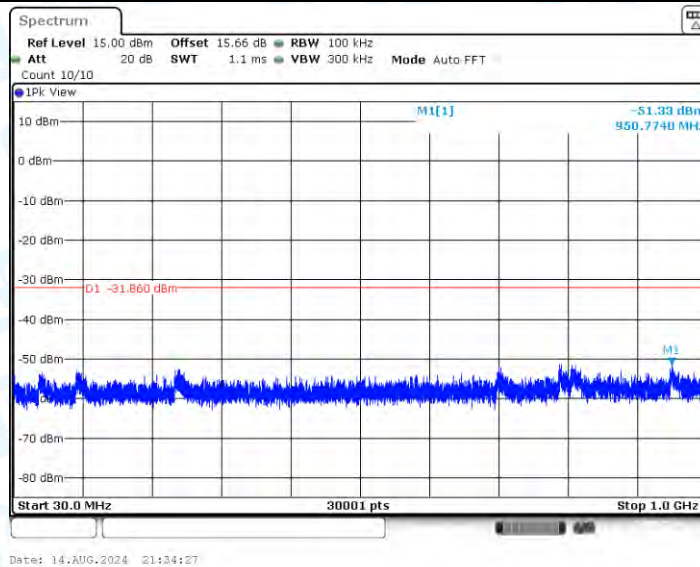
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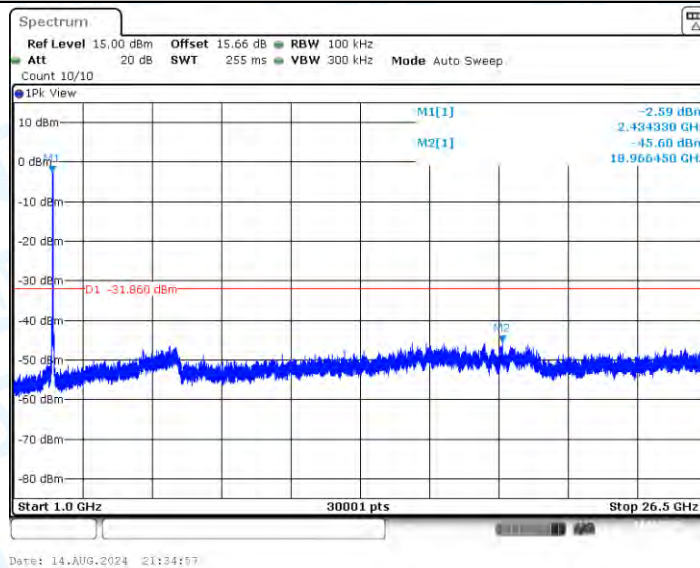
11N40MIMO_Ant2_2422_1000~26500



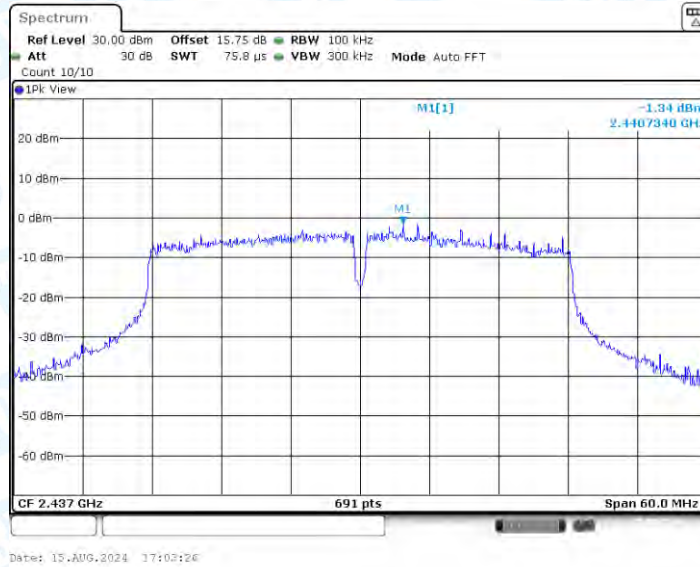
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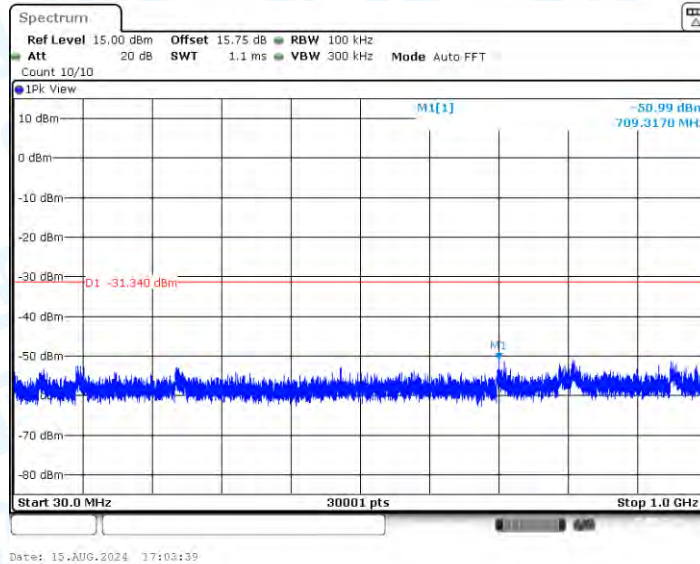
11N40MIMO_Ant1_2437_30~1000



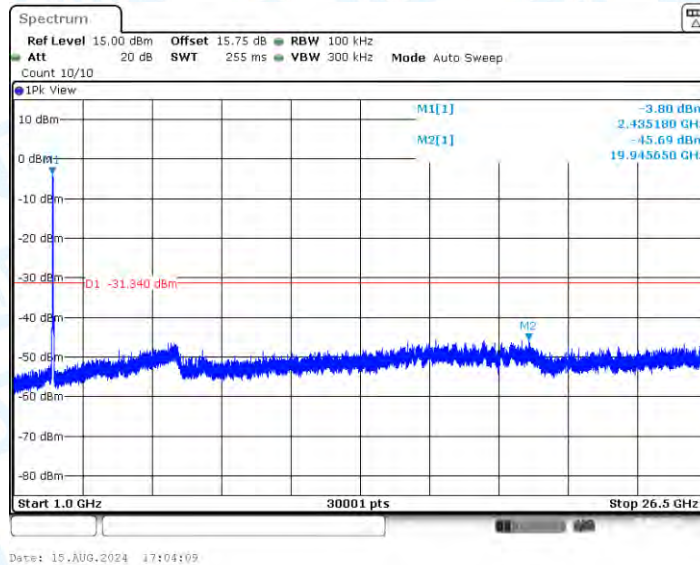
11N40MIMO_Ant1_2437_1000~26500



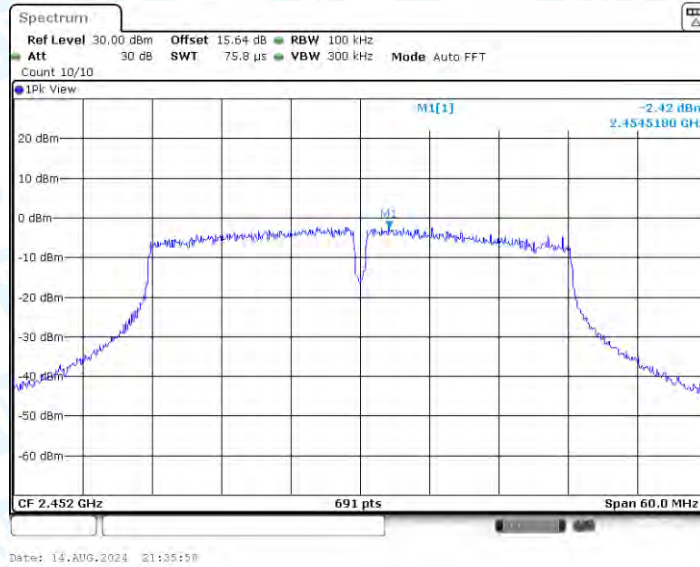
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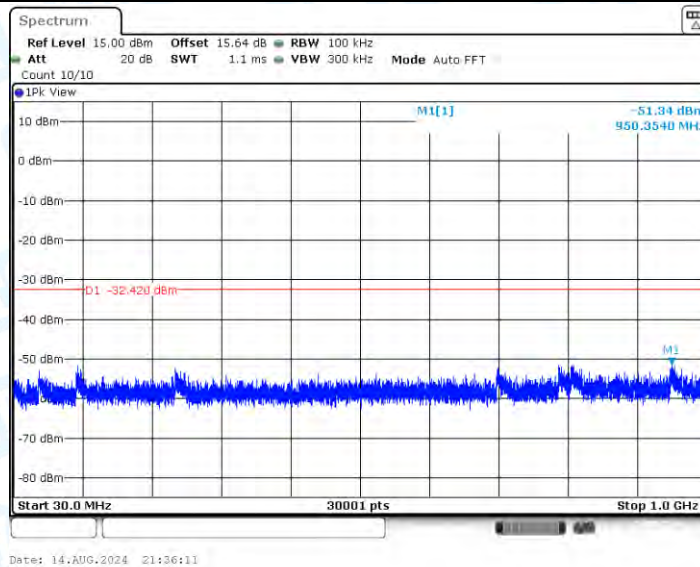
11N40MIMO_Ant2_2437_30~1000



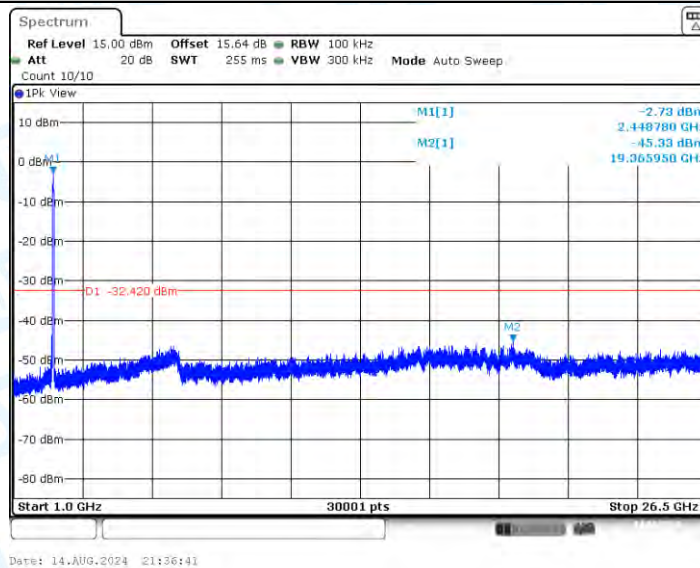
11N40MIMO_Ant2_2437_1000~26500



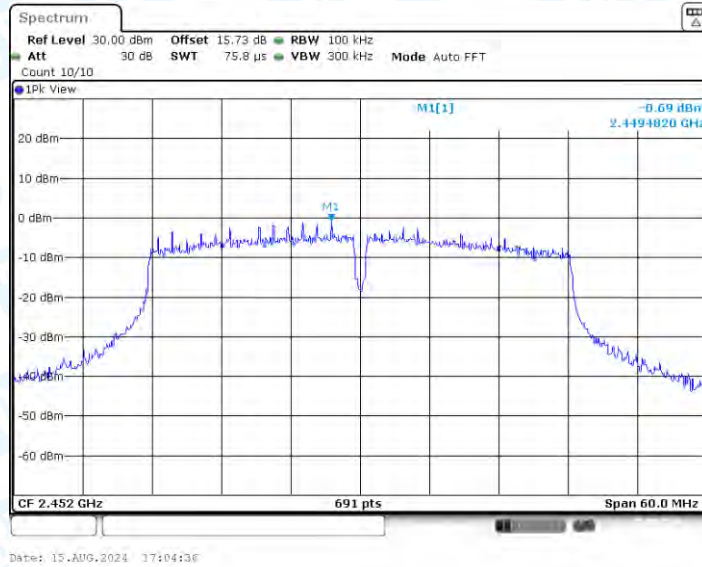
11N40MIMO_Ant1_2452_0~Reference



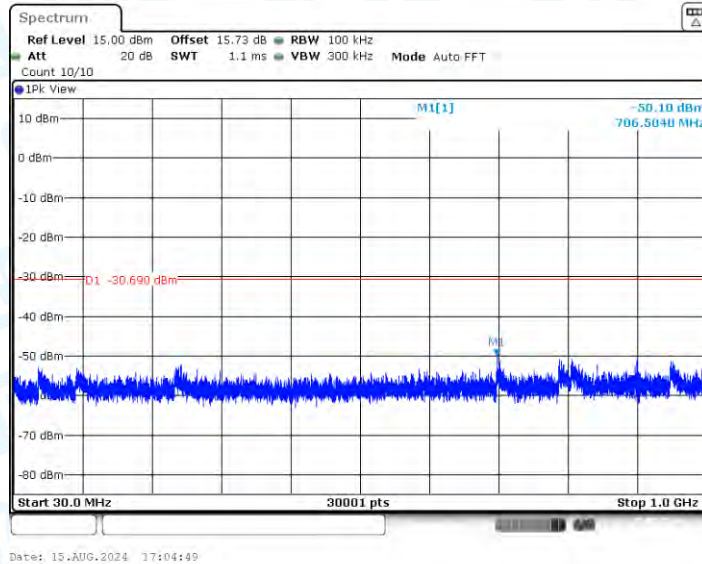
11N40MIMO_Ant1_2452_30~1000



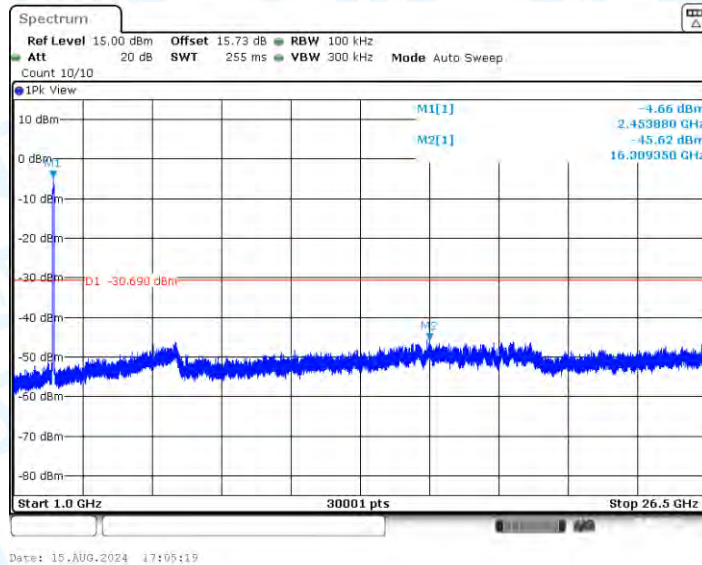
11N40MIMO_Ant1_2452_1000~26500



11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000



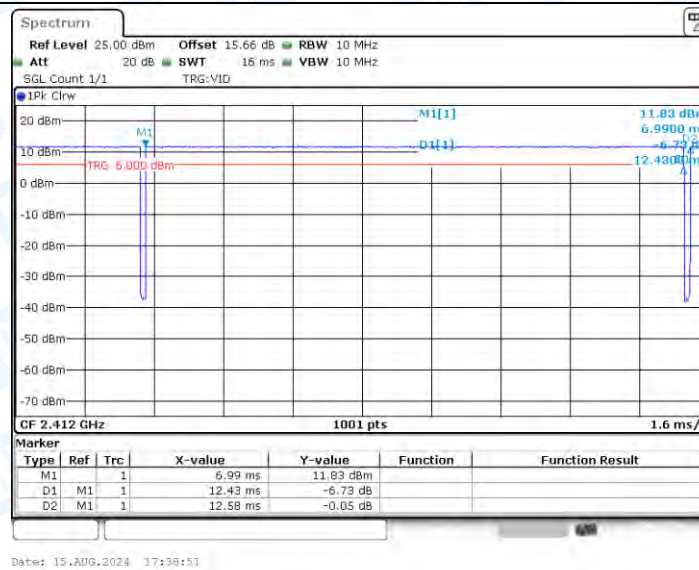
11N40MIMO_Ant2_2452_1000~26500

7. Duty Cycle

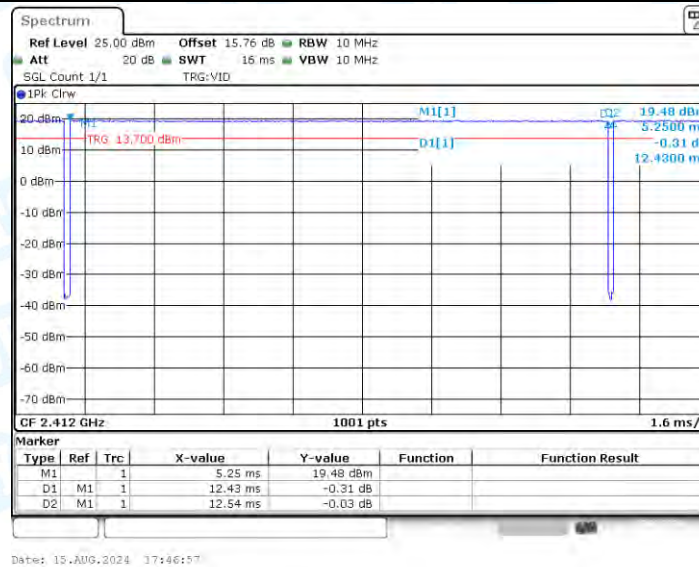
7.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B-CDD	Ant1	2412	12.43	12.58	98.81	---	---
	Ant2	2412	12.43	12.54	99.12	---	---
	Ant1	2437	12.43	12.53	99.20	---	---
	Ant2	2437	12.43	12.56	98.96	---	---
	Ant1	2462	12.42	12.60	98.57	---	---
	Ant2	2462	12.44	12.48	99.68	---	---
11G-CDD	Ant1	2412	2.06	2.16	95.37	---	---
	Ant2	2412	2.06	2.22	92.79	---	---
	Ant1	2437	2.07	2.16	95.83	---	---
	Ant2	2437	2.06	2.24	91.96	---	---
	Ant1	2462	2.07	2.17	95.39	---	---
	Ant2	2462	2.07	2.19	94.52	---	---
11N20MIMO	Ant1	2412	1.92	1.99	96.48	---	---
	Ant2	2412	1.92	2.08	92.31	---	---
	Ant1	2437	1.92	2.02	95.05	---	---
	Ant2	2437	1.92	1.99	96.48	---	---
	Ant1	2462	1.92	2.03	94.58	---	---
	Ant2	2462	1.92	2.03	94.58	---	---
11N40MIMO	Ant1	2422	0.94	1.19	78.99	---	---
	Ant2	2422	0.94	1.18	79.66	---	---
	Ant1	2437	0.94	1.18	79.66	---	---
	Ant2	2437	0.94	1.18	79.66	---	---
	Ant1	2452	0.95	1.57	60.51	---	---
	Ant2	2452	0.95	1.19	79.83	---	---

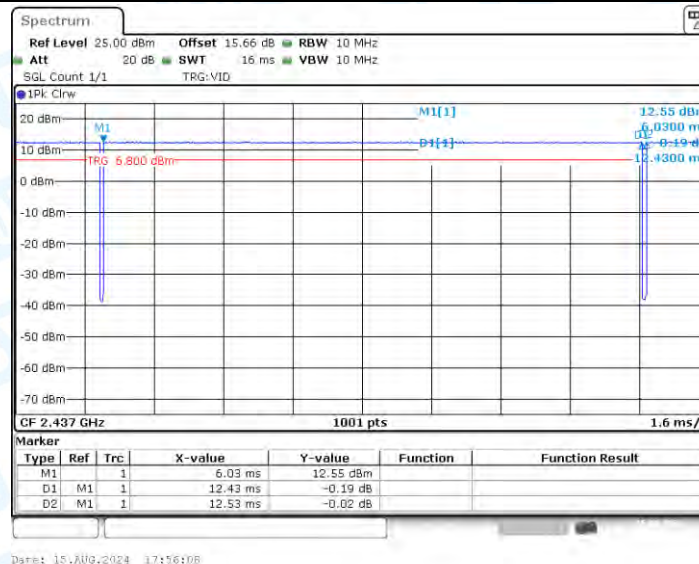
7.2. Test Graphs



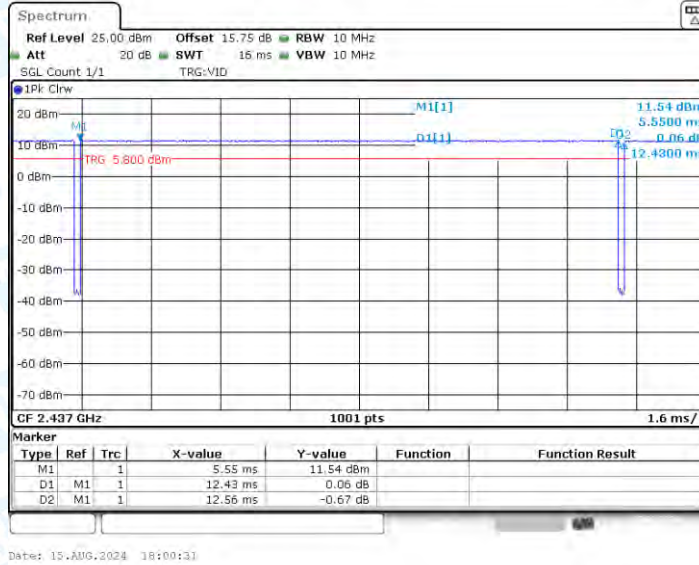
11B-CDD_Ant1_2412



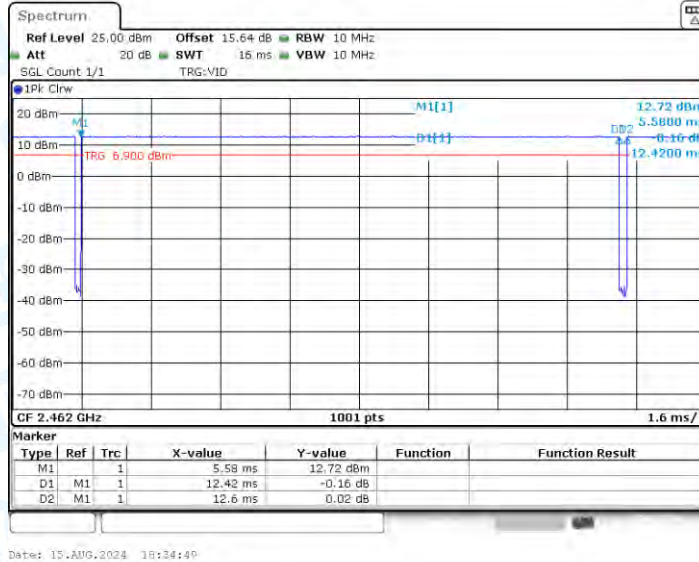
11B-CDD_Ant2_2412



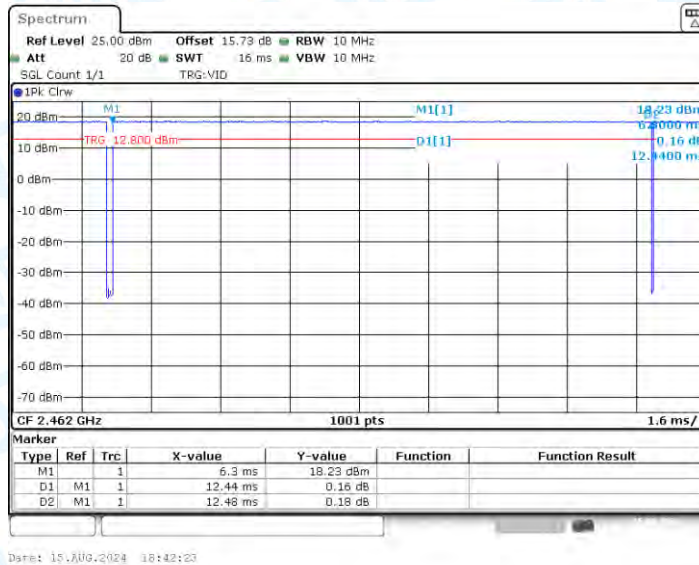
11B-CDD_Ant1_2437



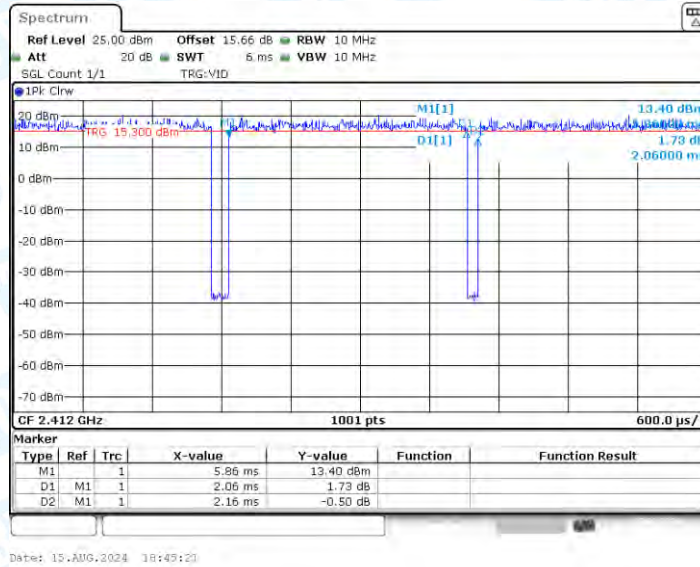
11B-CDD_Ant2_2437



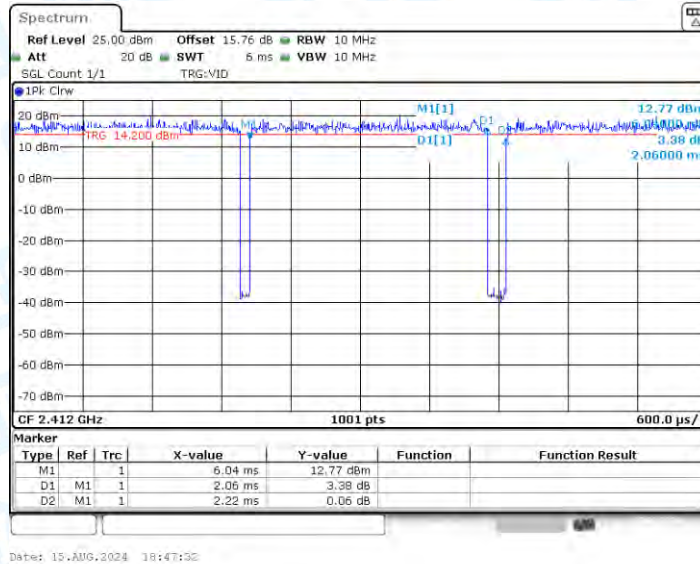
11B-CDD_Ant1_2462



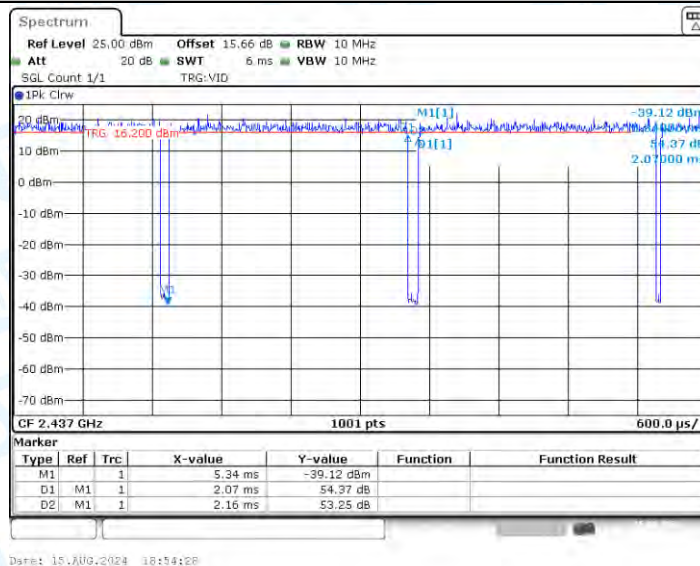
11B-CDD_Ant2_2462



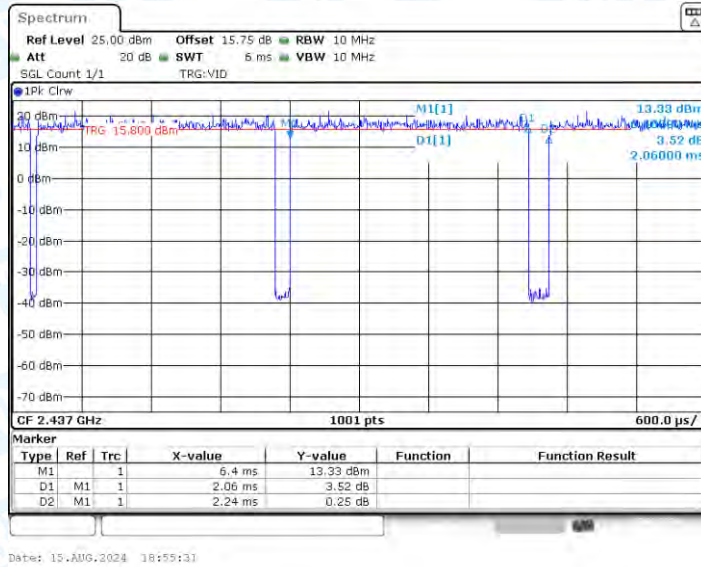
11G-CDD_Ant1_2412



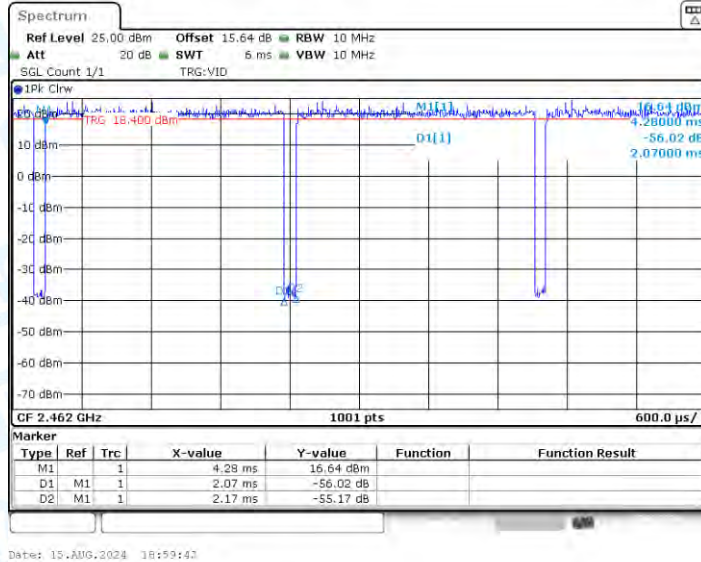
11G-CDD_Ant2_2412



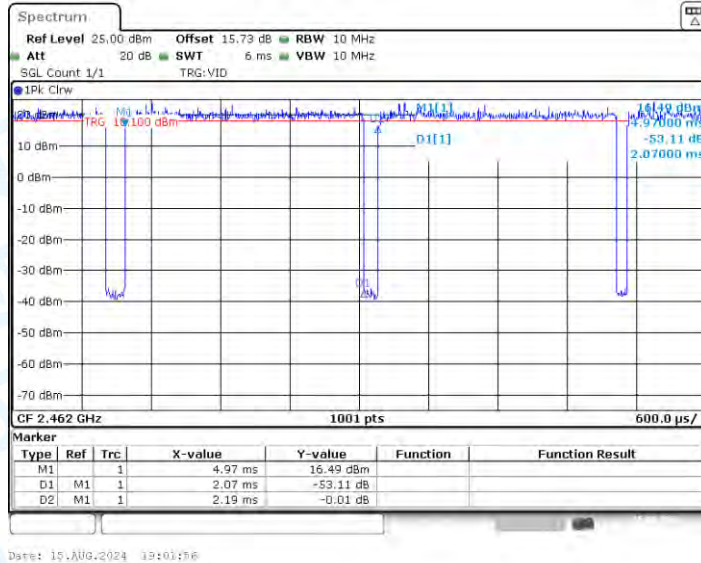
11G-CDD_Ant1_2437



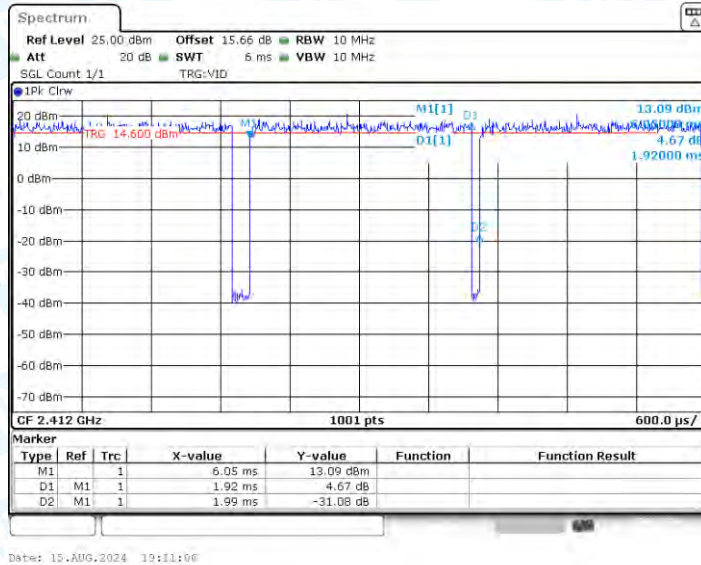
11G-CDD_Ant2_2437



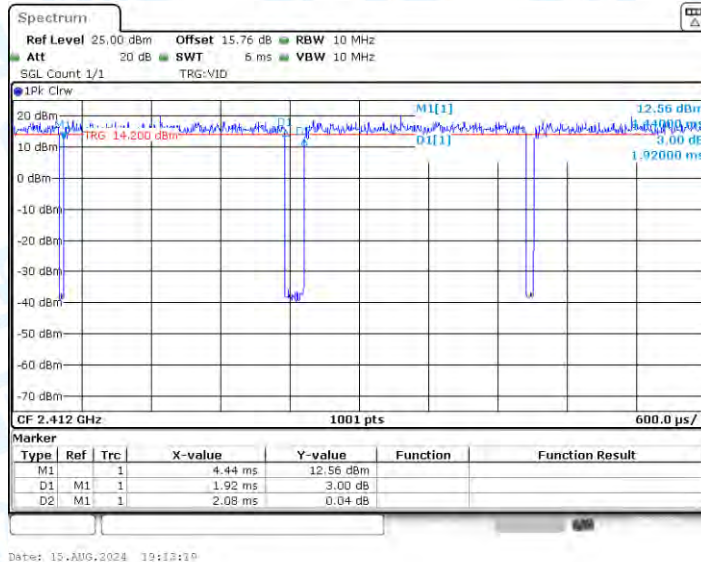
11G-CDD_Ant1_2462



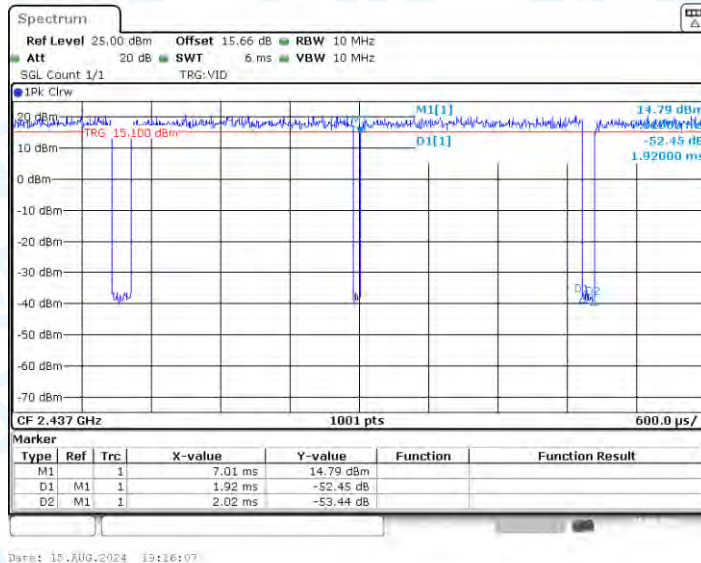
11G-CDD_Ant2_2462



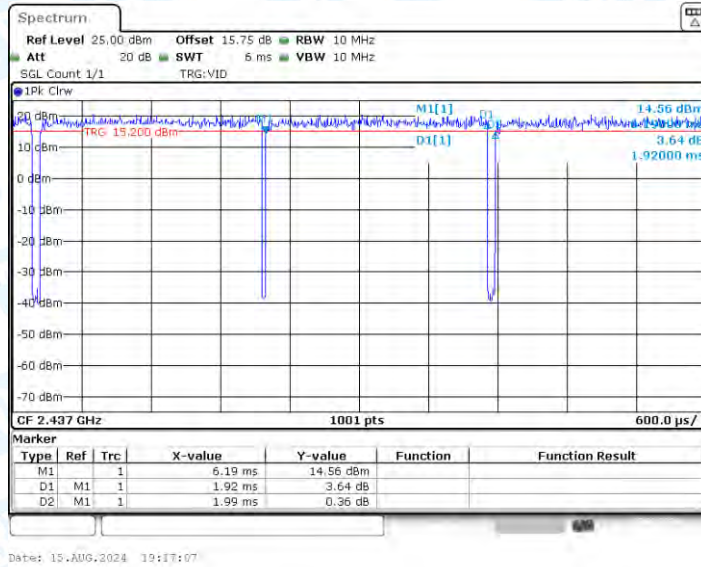
11N20MIMO_Ant1_2412



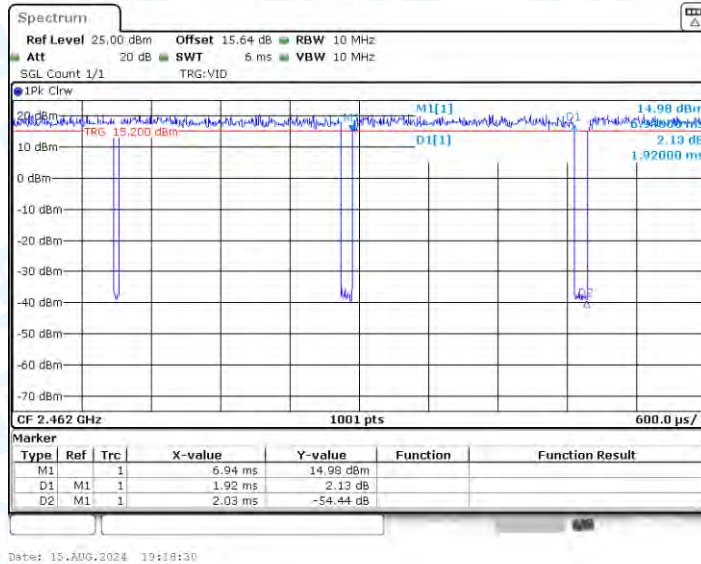
11N20MIMO_Ant2_2412



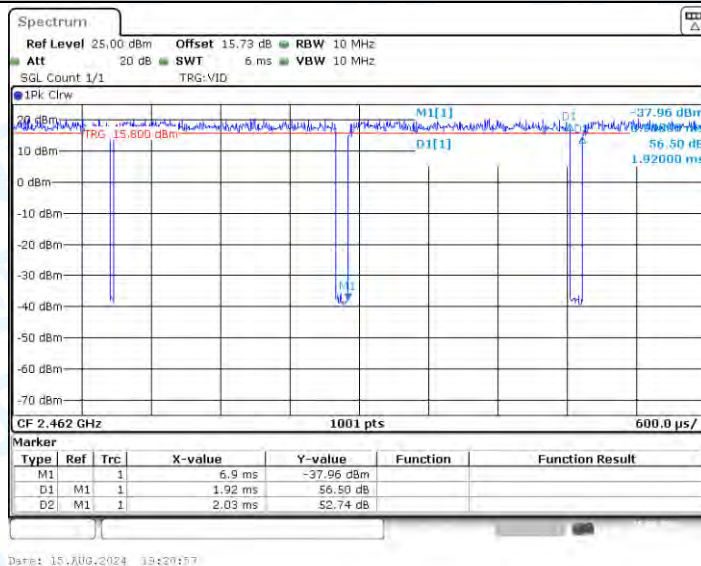
11N20MIMO_Ant1_2437



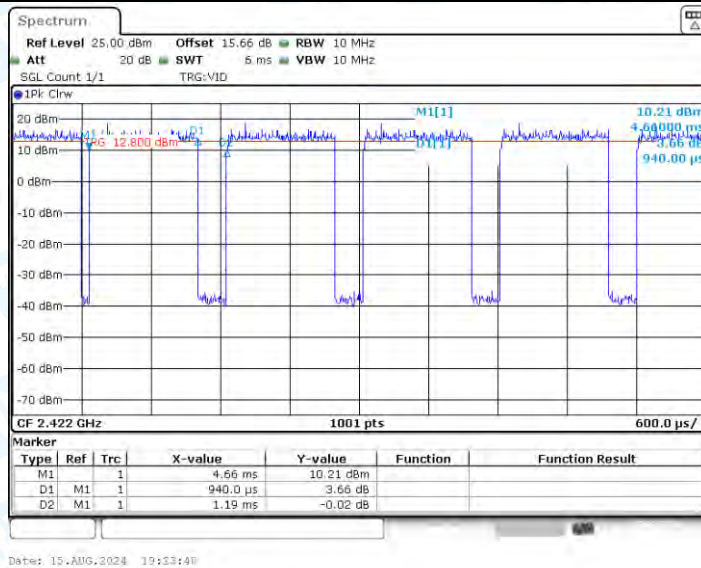
11N20MIMO_Ant2_2437



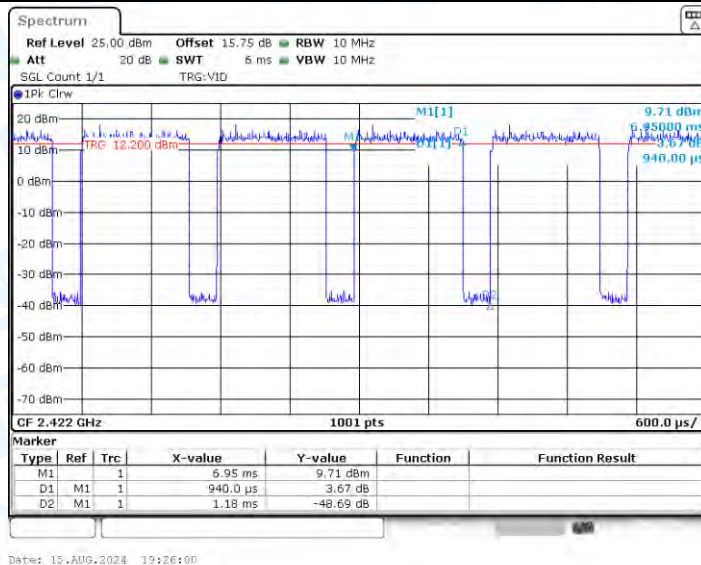
11N20MIMO_Ant1_2462



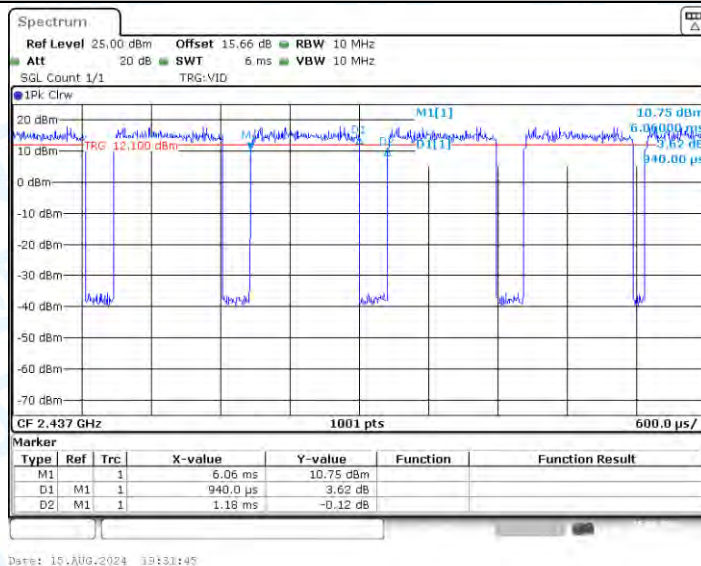
11N20MIMO_Ant2_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437