

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

General Description of EUT	
EUT Name:	AX3000 Dual Band Wi-Fi6 GPON Terminal
Model:	NP3081GC
Sample ID:	HC-C-202407-0114-03-01
Test Standard:	FCC Part 15.247
Environmental Conditions	
Ambient Temperature:	23.8℃
Ambient Humidity:	47%RH
Test Power Supply:	DC 12V
Test Engineer:	ZKN Zhou
Note: For a more detailed features description, please refer to the report TBR-C-202407-0114-3.	

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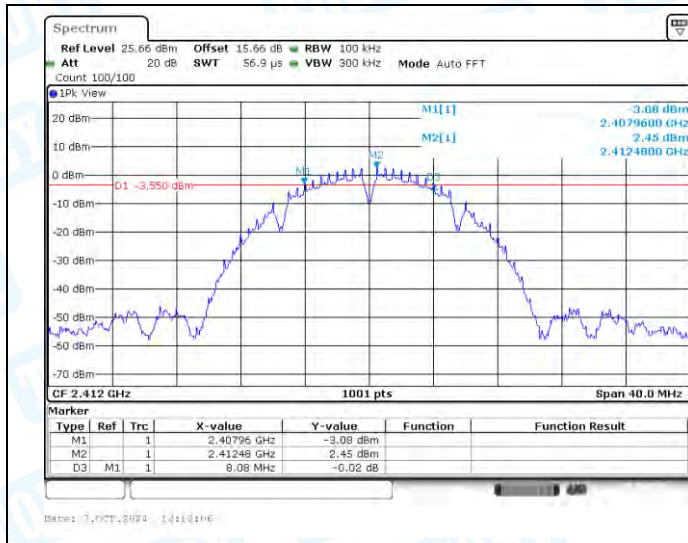
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1: DTS Bandwidth

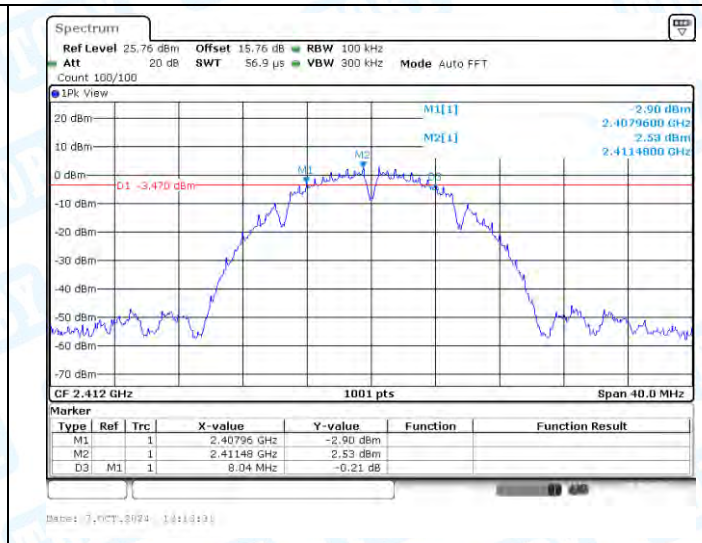
1.1 Test Result

TestMode	Ant.	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.08	2407.96	2416.04	0.5	PASS
11B	Ant2	2412	8.04	2407.96	2416.00	0.5	PASS
11B	Ant1	2437	7.56	2432.96	2440.52	0.5	PASS
11B	Ant2	2437	8.04	2432.96	2441.00	0.5	PASS
11B	Ant1	2462	7.56	2457.96	2465.52	0.5	PASS
11B	Ant2	2462	8.08	2457.96	2466.04	0.5	PASS
11B-CDD	Ant1	2412	8.08	2407.96	2416.04	0.5	PASS
11B-CDD	Ant2	2412	8.04	2407.96	2416.00	0.5	PASS
11B-CDD	Ant1	2437	7.28	2433.24	2440.52	0.5	PASS
11B-CDD	Ant2	2437	8.08	2432.96	2441.04	0.5	PASS
11B-CDD	Ant1	2462	8.04	2457.96	2466.00	0.5	PASS
11B-CDD	Ant2	2462	8.04	2457.96	2466.00	0.5	PASS
11G	Ant1	2412	16.04	2403.84	2419.88	0.5	PASS
11G	Ant2	2412	16.32	2403.80	2420.12	0.5	PASS
11G	Ant1	2437	16.36	2428.80	2445.16	0.5	PASS
11G	Ant2	2437	16.08	2429.08	2445.16	0.5	PASS
11G	Ant1	2462	16.36	2453.80	2470.16	0.5	PASS
11G	Ant2	2462	16.36	2453.80	2470.16	0.5	PASS
11G-CDD	Ant1	2412	16.28	2403.84	2420.12	0.5	PASS
11G-CDD	Ant2	2412	16.28	2403.84	2420.12	0.5	PASS
11G-CDD	Ant1	2437	15.48	2429.08	2444.56	0.5	PASS
11G-CDD	Ant2	2437	16.28	2428.84	2445.12	0.5	PASS
11G-CDD	Ant1	2462	15.32	2454.44	2469.76	0.5	PASS
11G-CDD	Ant2	2462	16.36	2453.80	2470.16	0.5	PASS
11N20-CDD	Ant1	2412	16.28	2403.24	2419.52	0.5	PASS
11N20-CDD	Ant2	2412	17.56	2403.20	2420.76	0.5	PASS
11N20-CDD	Ant1	2437	15.92	2428.84	2444.76	0.5	PASS
11N20-CDD	Ant2	2437	17.60	2428.20	2445.80	0.5	PASS
11N20-CDD	Ant1	2462	17.64	2453.16	2470.80	0.5	PASS
11N20-CDD	Ant2	2462	16.56	2453.60	2470.16	0.5	PASS
11N40-CDD	Ant1	2422	29.52	2410.00	2439.52	0.5	PASS
11N40-CDD	Ant2	2422	31.92	2407.60	2439.52	0.5	PASS
11N40-CDD	Ant1	2437	32.56	2421.96	2454.52	0.5	PASS
11N40-CDD	Ant2	2437	31.92	2422.60	2454.52	0.5	PASS
11N40-CDD	Ant1	2452	29.12	2434.40	2463.52	0.5	PASS
11N40-CDD	Ant2	2452	30.08	2436.88	2466.96	0.5	PASS
11AX20-CDD	Ant1	2412	18.32	2402.88	2421.20	0.5	PASS
11AX20-CDD	Ant2	2412	18.16	2402.60	2420.76	0.5	PASS
11AX20-CDD	Ant1	2437	17.28	2428.52	2445.80	0.5	PASS
11AX20-CDD	Ant2	2437	17.56	2428.20	2445.76	0.5	PASS
11AX20-CDD	Ant1	2462	17.96	2453.08	2471.04	0.5	PASS
11AX20-CDD	Ant2	2462	18.72	2452.48	2471.20	0.5	PASS
11AX40-CDD	Ant1	2422	31.68	2404.40	2436.08	0.5	PASS
11AX40-CDD	Ant2	2422	33.84	2405.68	2439.52	0.5	PASS
11AX40-CDD	Ant1	2437	37.68	2418.12	2455.80	0.5	PASS
11AX40-CDD	Ant2	2437	35.12	2419.40	2454.52	0.5	PASS
11AX40-CDD	Ant1	2452	37.60	2433.12	2470.72	0.5	PASS
11AX40-CDD	Ant2	2452	35.04	2434.48	2469.52	0.5	PASS

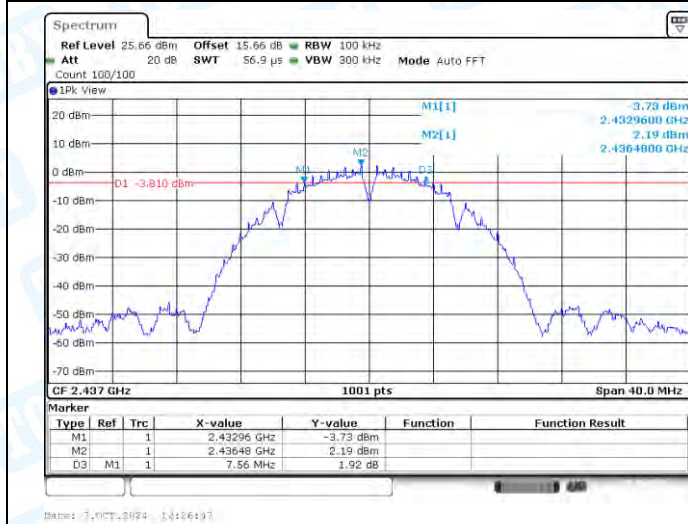
1.2 Test Graphs



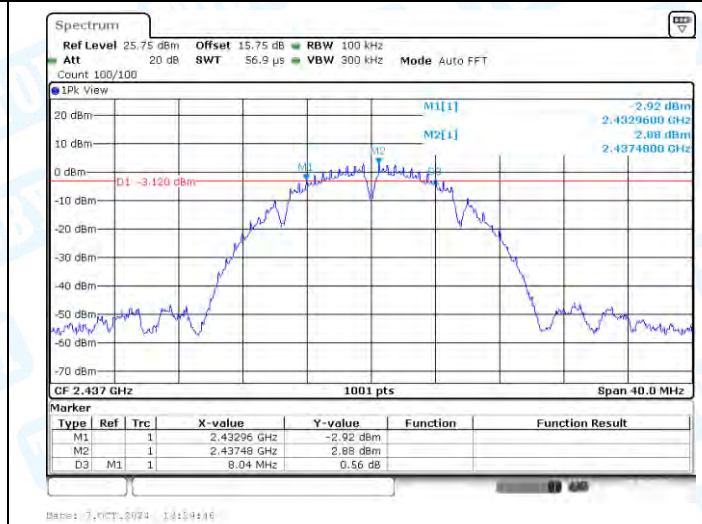
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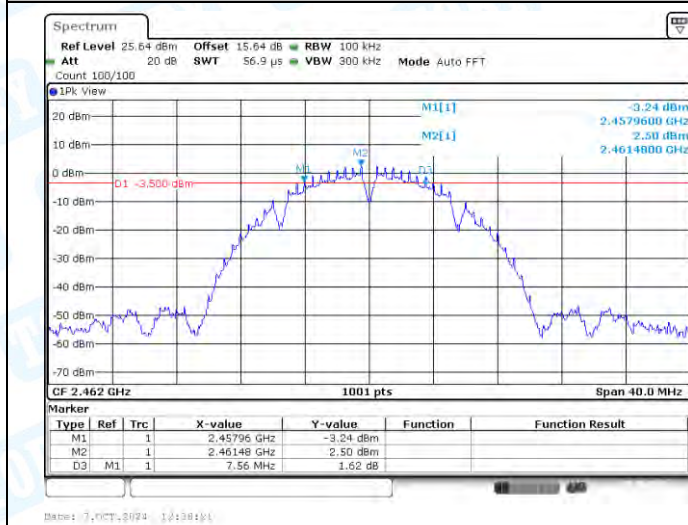
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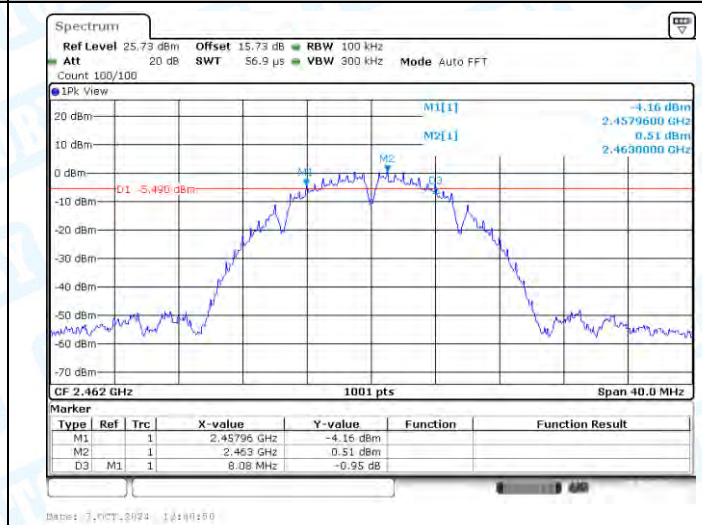
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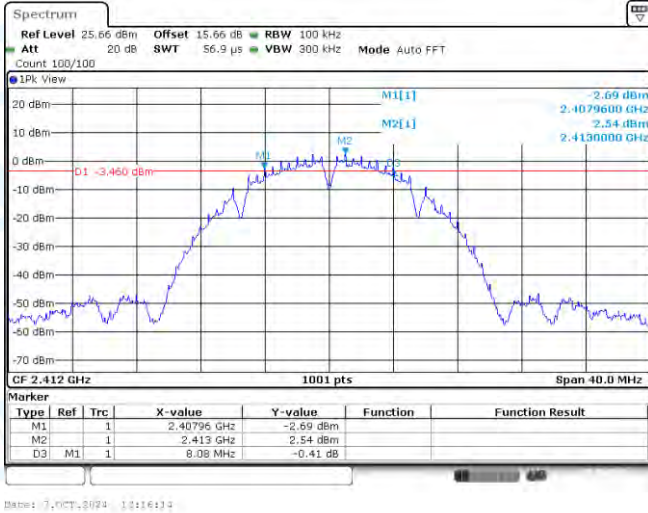
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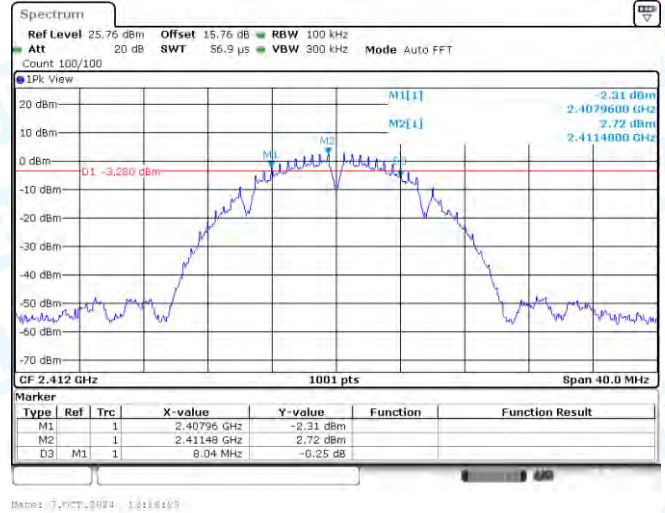
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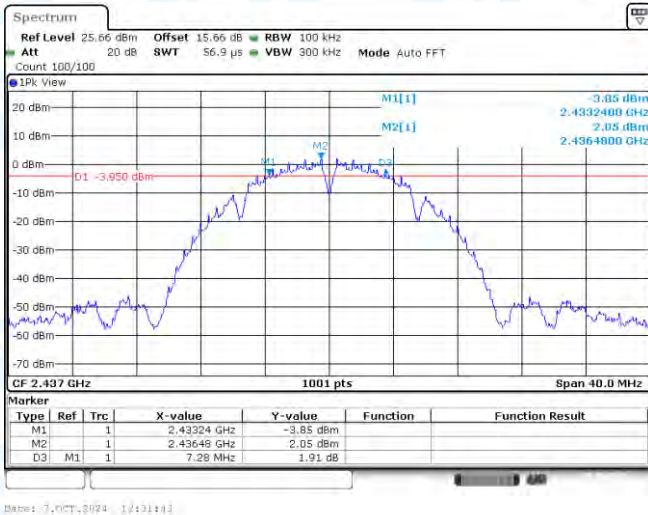
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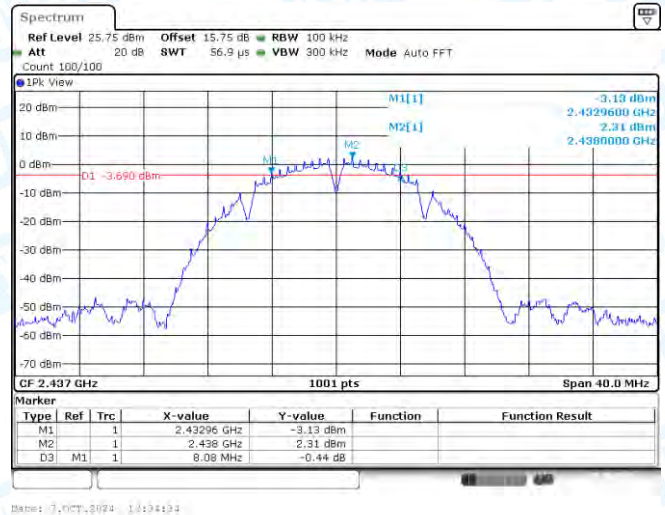
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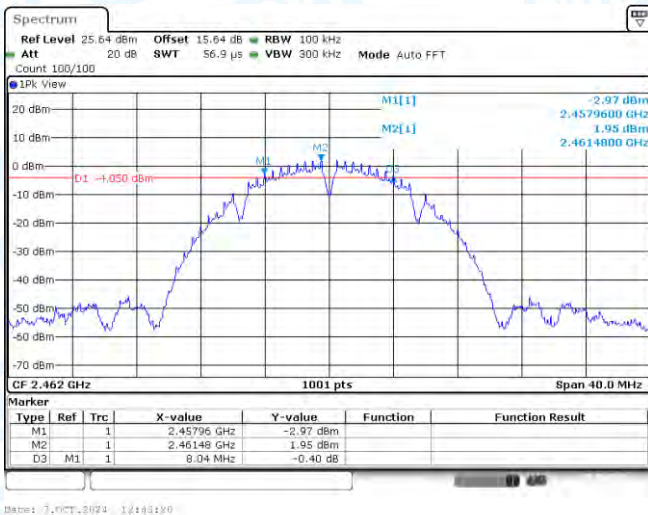
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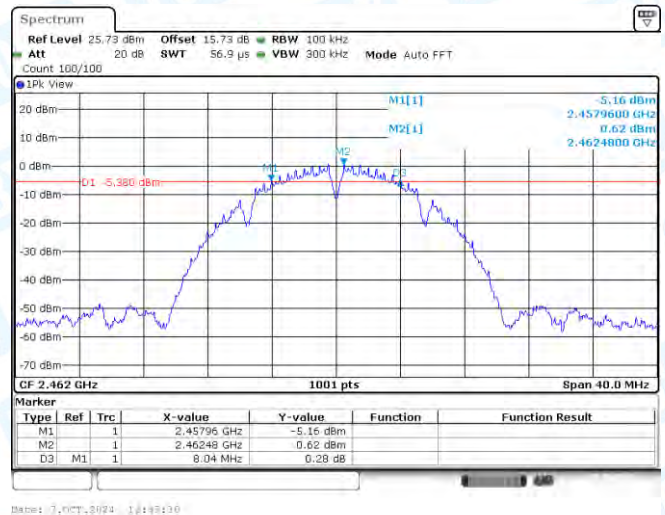
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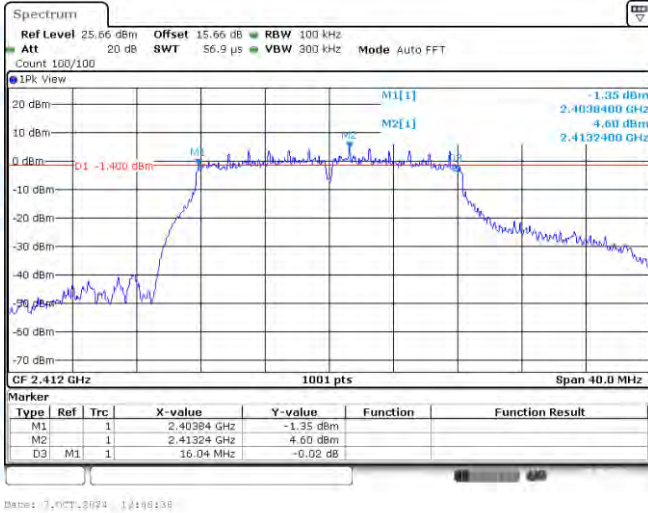
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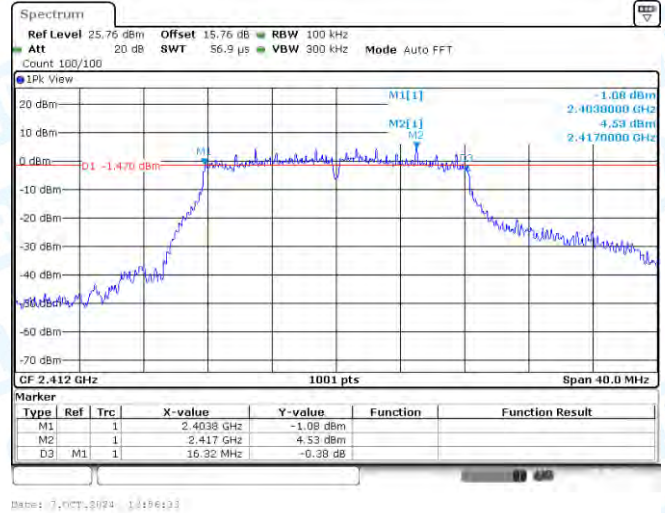
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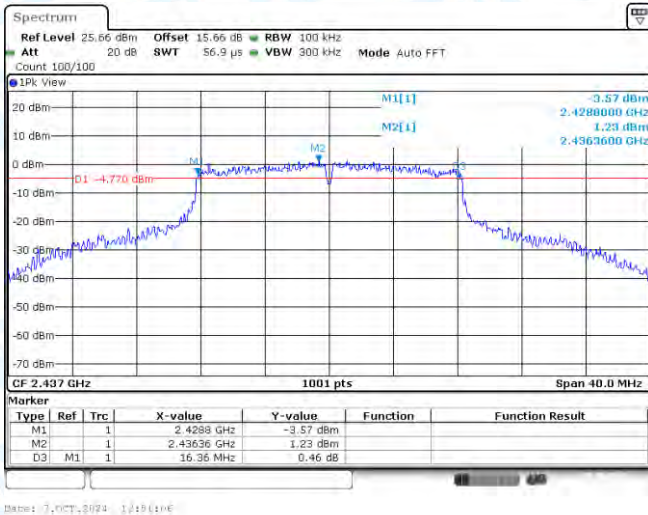
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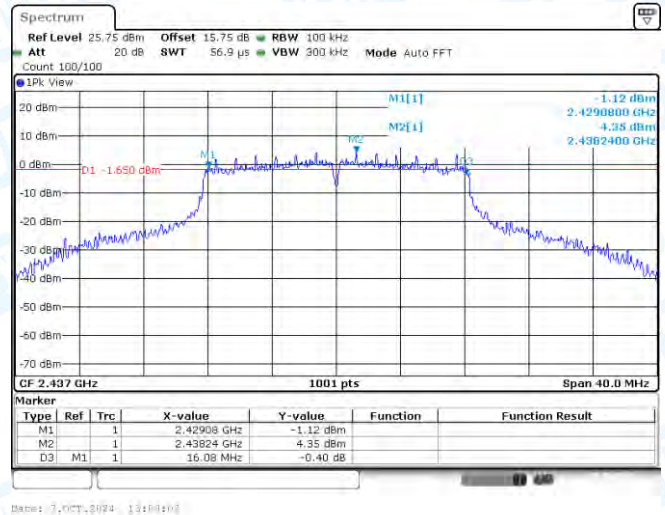
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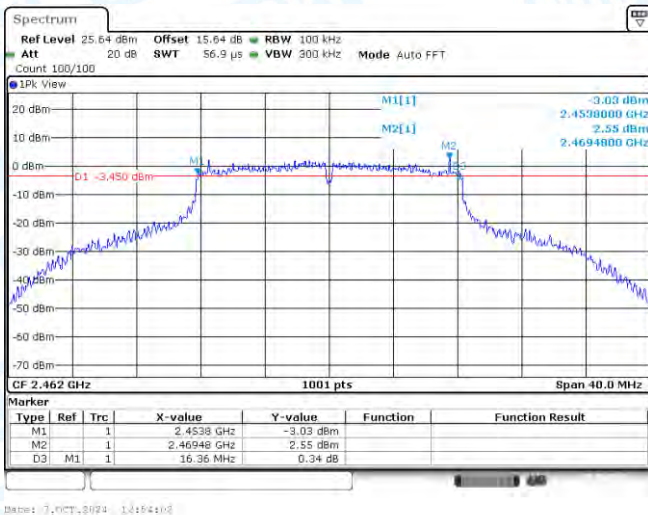
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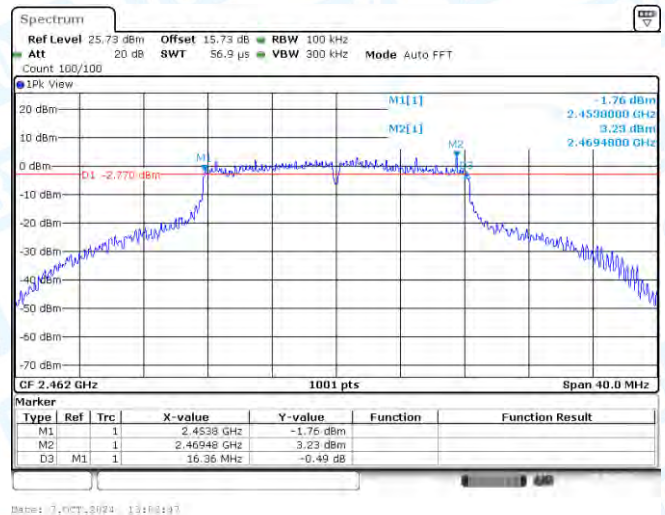
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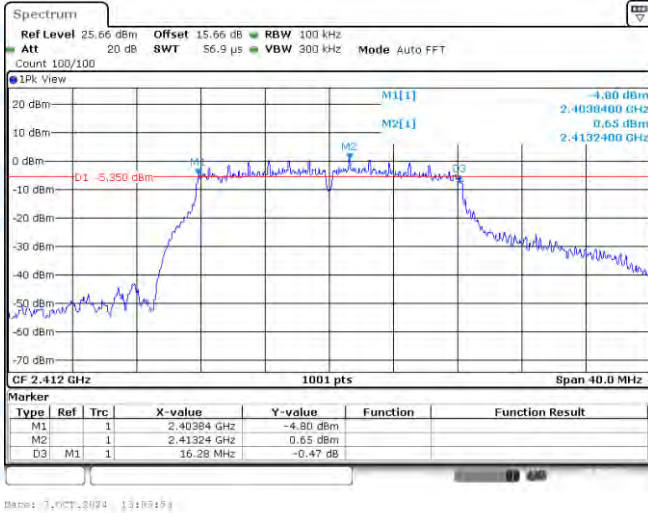
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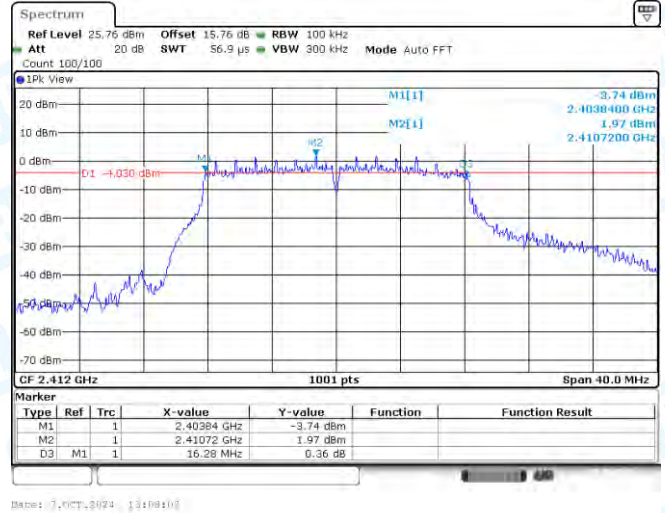
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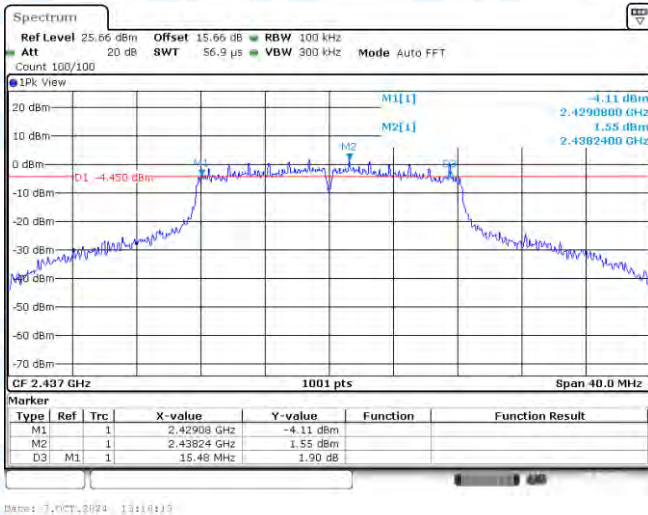
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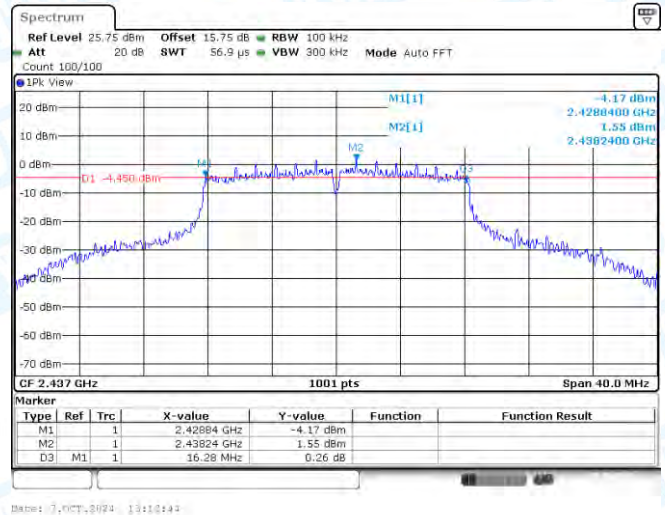
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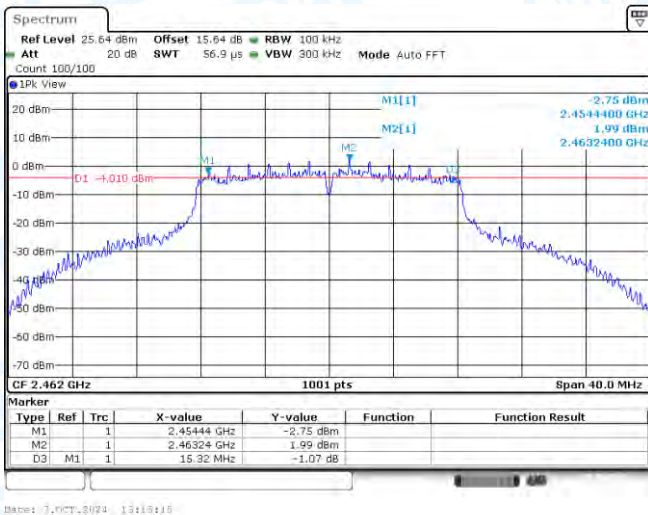
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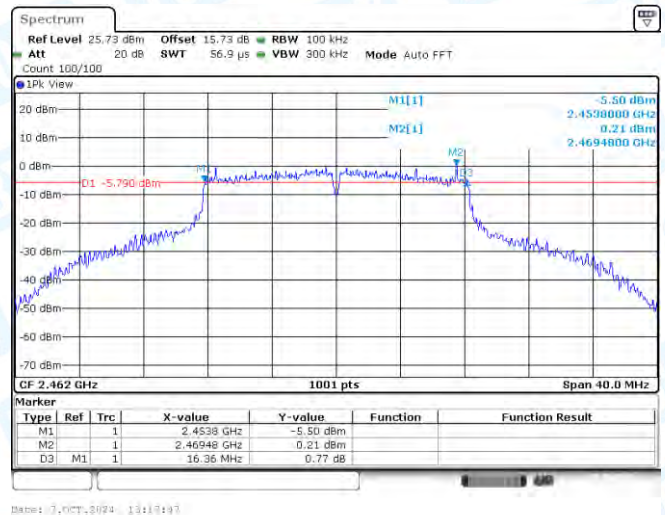
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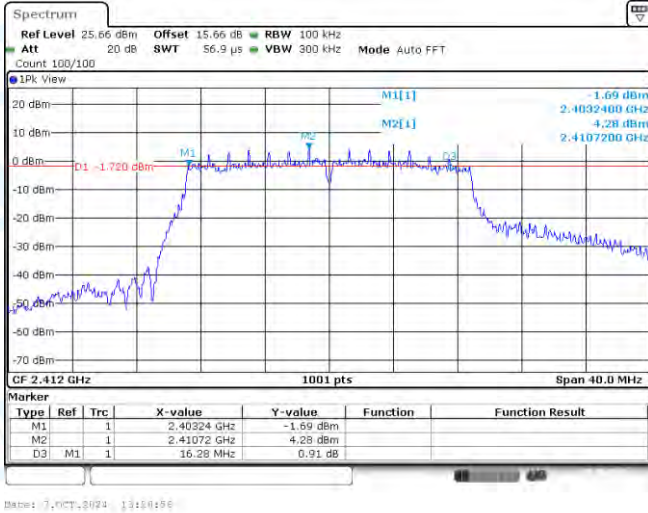
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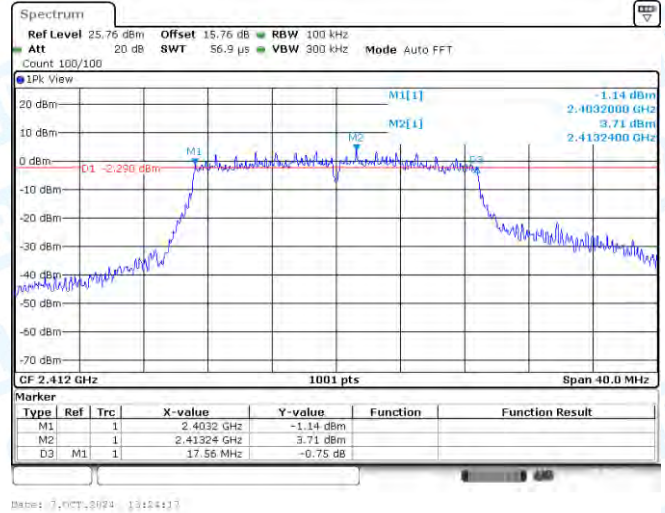
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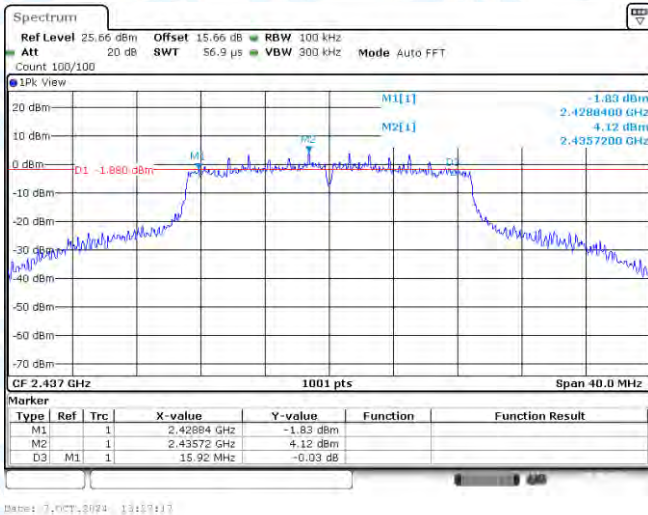
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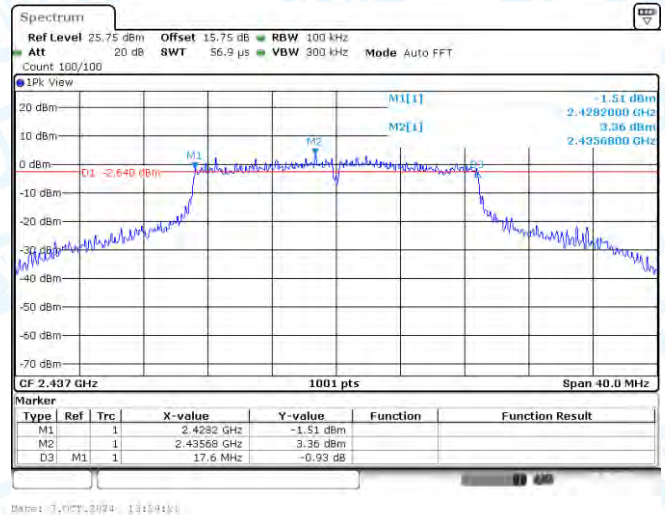
11N20-CDD-Ant1-2412-PASS



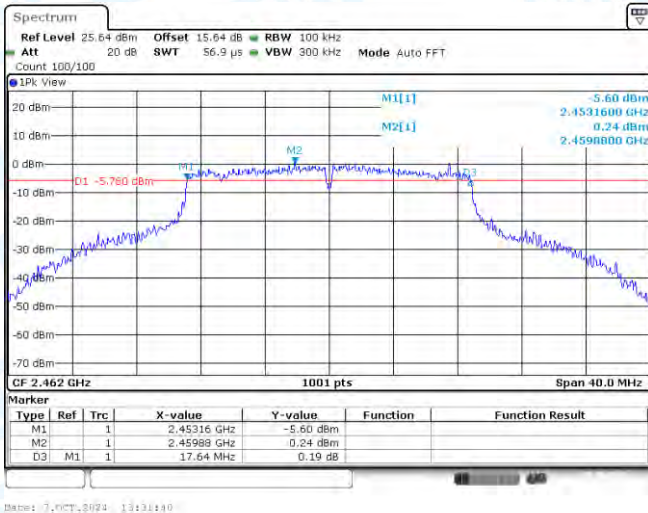
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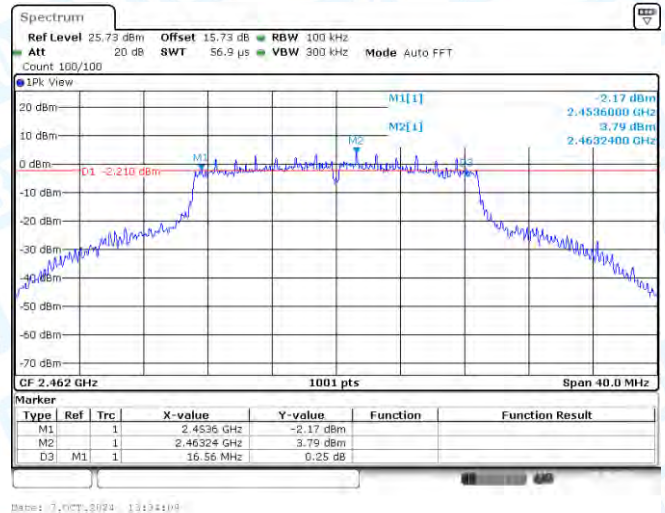
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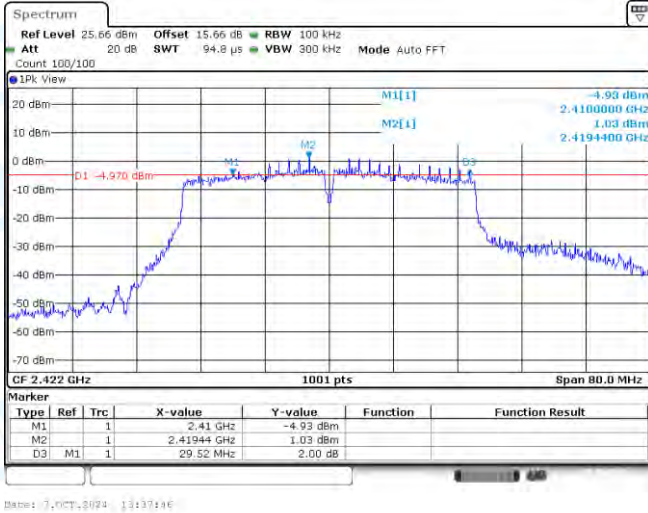
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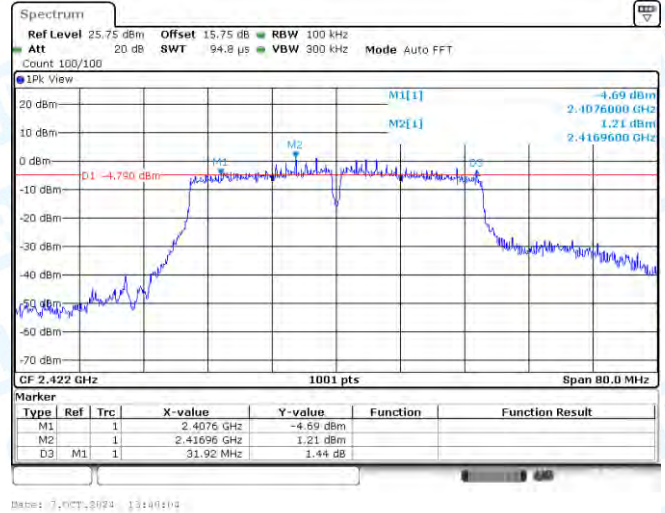
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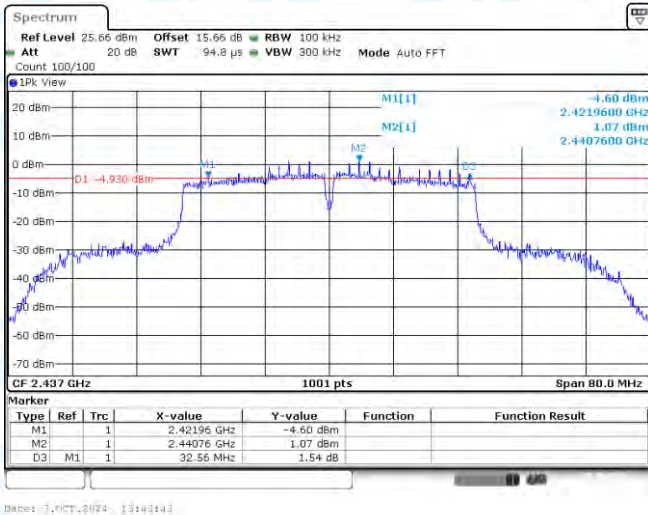
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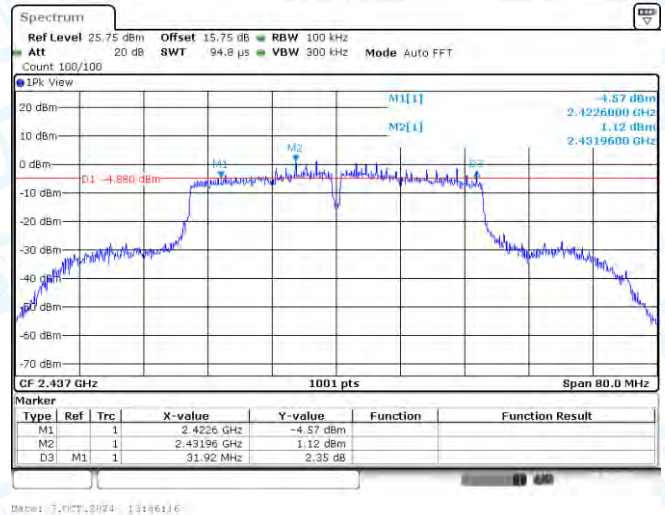
11N40-CDD-Ant1-2422-PASS



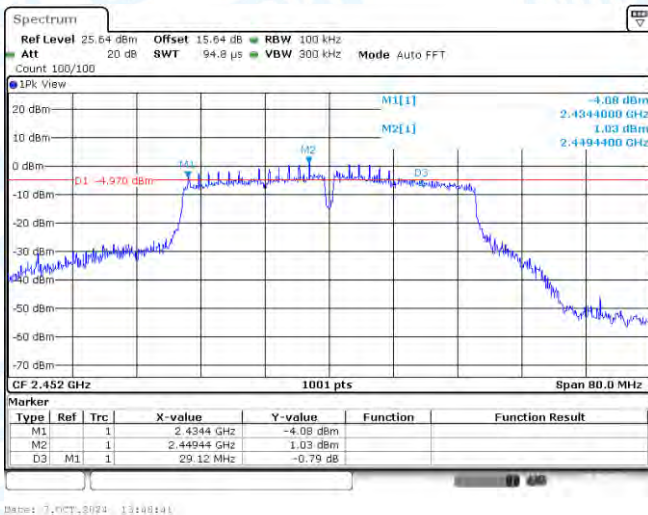
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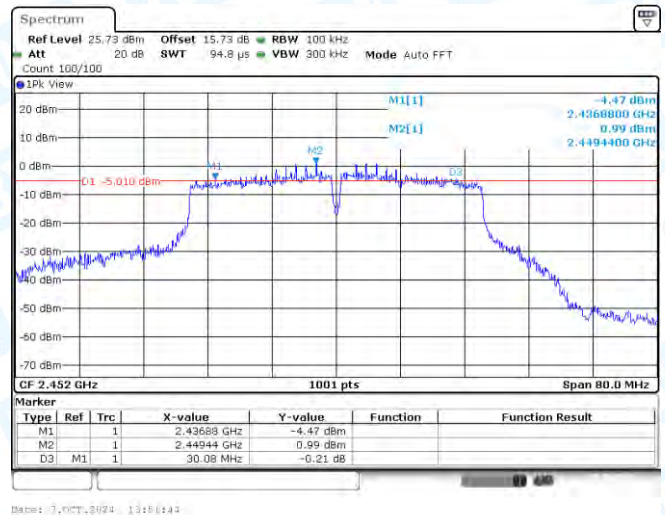
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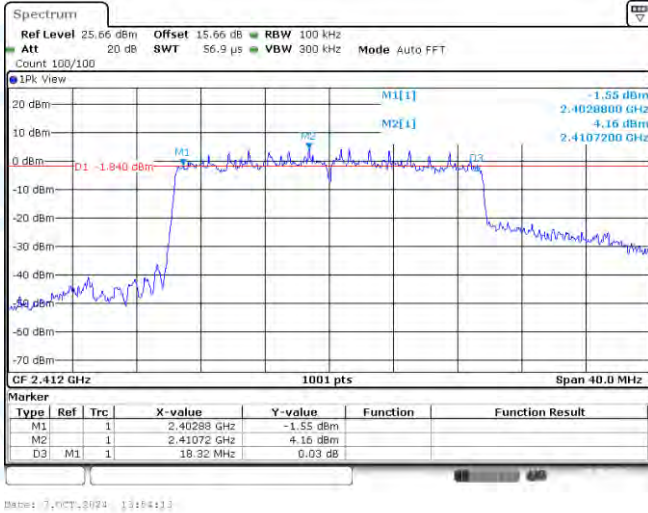
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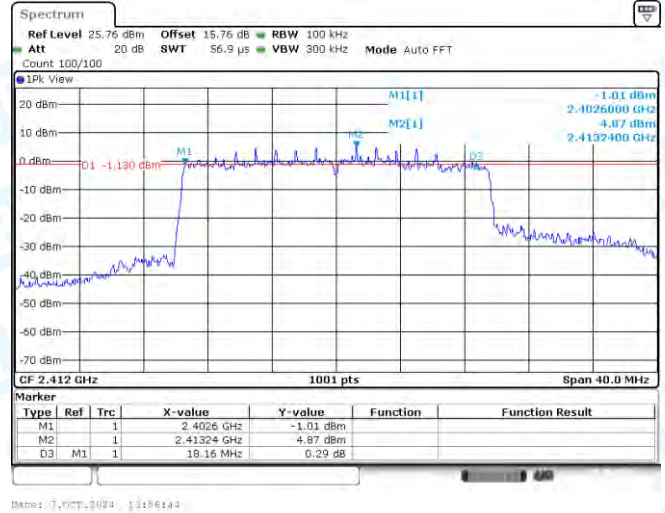
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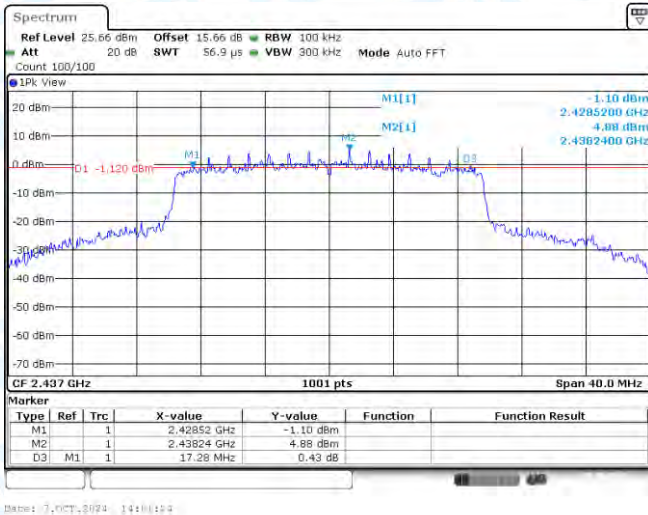
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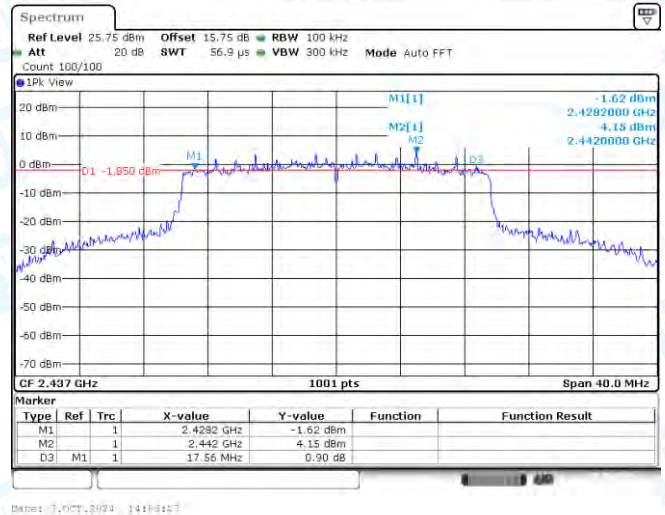
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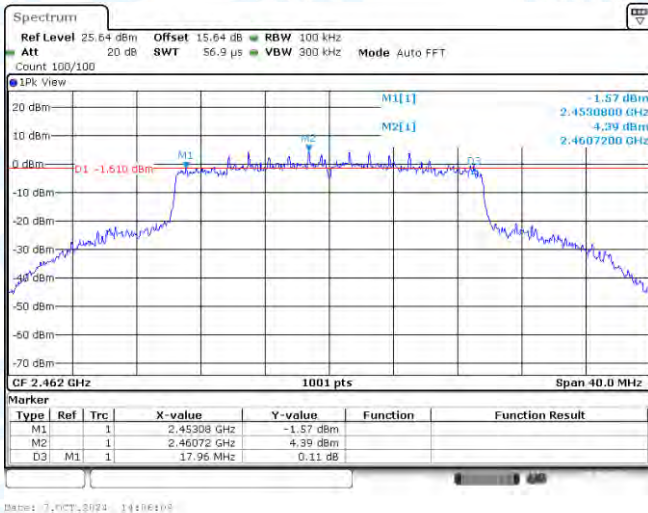
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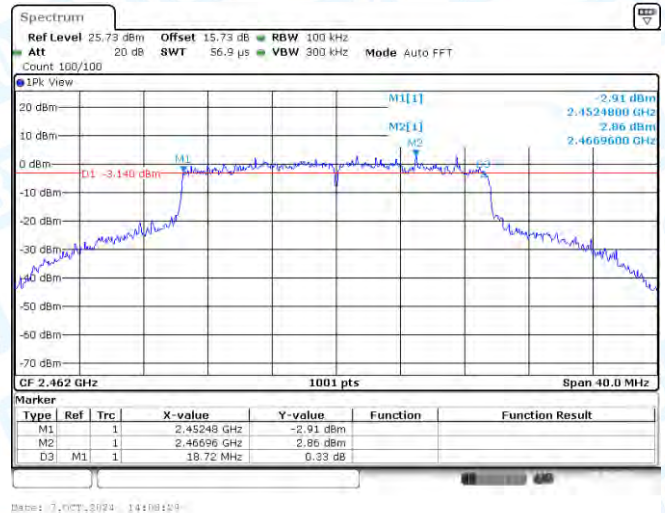
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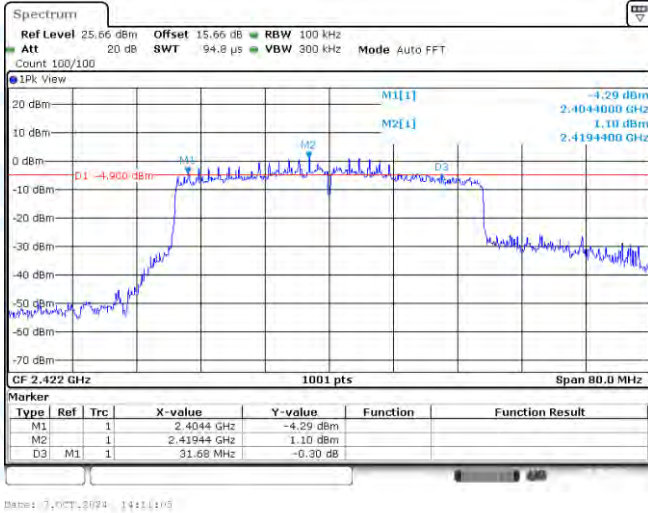
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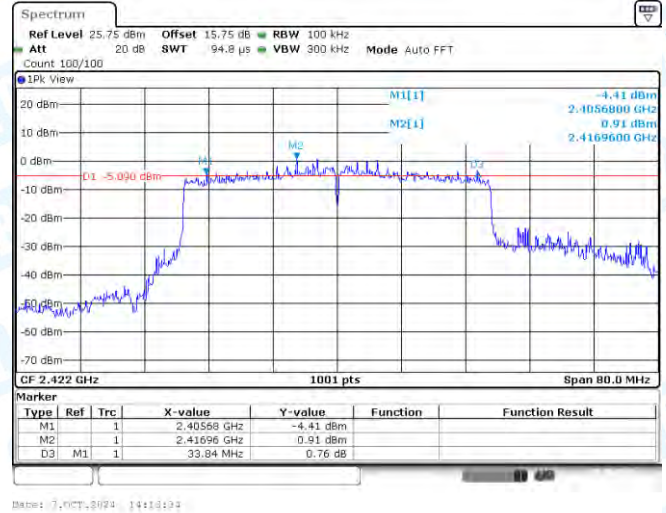
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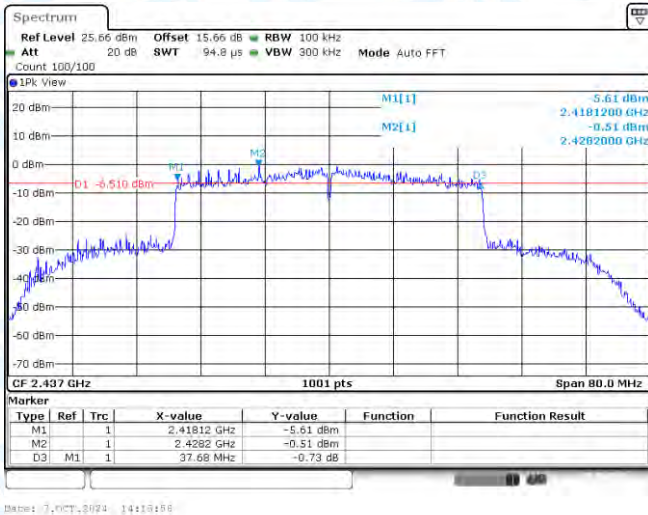
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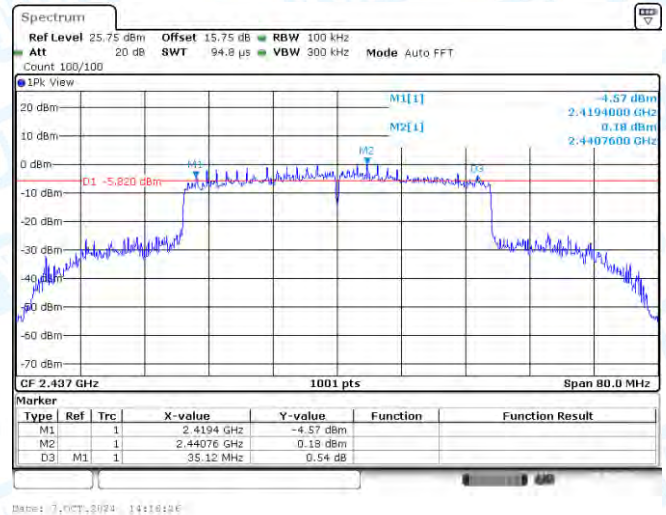
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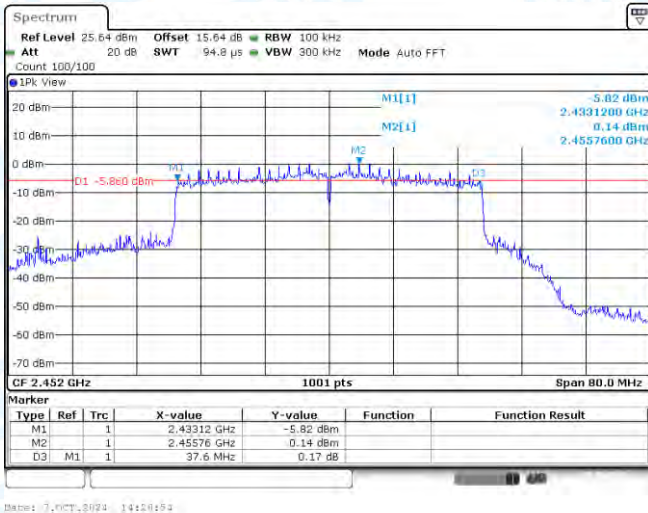
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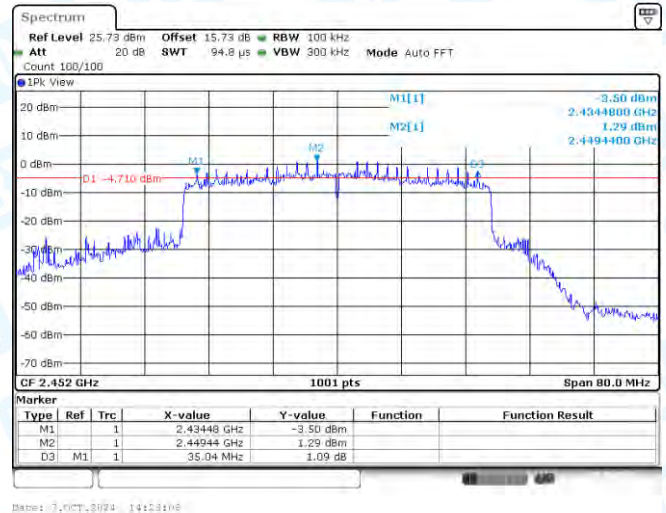
11AX40-CDD-Ant1-2437-PASS



11AX40-CDD-Ant2-2437-PASS



11AX40-CDD-Ant1-2452-PASS



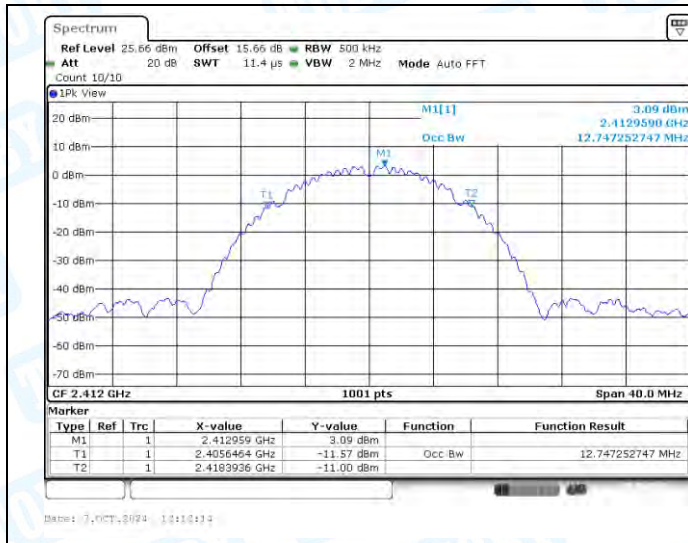
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2: Occupied Channel Bandwidth

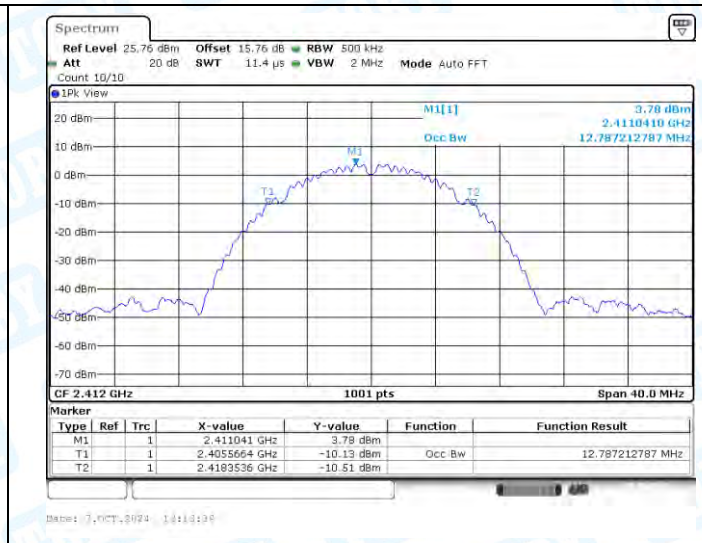
2.1 Test Result

TestMode	Ant.	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.747	2405.6464	2418.3936	---	---
11B	Ant2	2412	12.787	2405.5664	2418.3536	---	---
11B	Ant1	2437	12.867	2430.5265	2443.3936	---	---
11B	Ant2	2437	12.787	2430.6464	2443.4336	---	---
11B	Ant1	2462	12.867	2455.5265	2468.3936	---	---
11B	Ant2	2462	12.747	2455.6064	2468.3536	---	---
11B-CDD	Ant1	2412	12.747	2405.6464	2418.3936	---	---
11B-CDD	Ant2	2412	12.787	2405.5664	2418.3536	---	---
11B-CDD	Ant1	2437	12.867	2430.5265	2443.3936	---	---
11B-CDD	Ant2	2437	12.787	2430.6464	2443.4336	---	---
11B-CDD	Ant1	2462	12.867	2455.5265	2468.3936	---	---
11B-CDD	Ant2	2462	12.787	2455.6064	2468.3936	---	---
11G	Ant1	2412	17.063	2403.4885	2420.5514	---	---
11G	Ant2	2412	17.103	2403.5684	2420.6713	---	---
11G	Ant1	2437	17.183	2428.4086	2445.5914	---	---
11G	Ant2	2437	17.223	2428.2488	2445.4715	---	---
11G	Ant1	2462	17.263	2453.2887	2470.5514	---	---
11G	Ant2	2462	16.743	2453.6484	2470.3916	---	---
11G-CDD	Ant1	2412	17.183	2403.5285	2420.7113	---	---
11G-CDD	Ant2	2412	17.143	2403.4486	2420.5914	---	---
11G-CDD	Ant1	2437	17.463	2428.2887	2445.7512	---	---
11G-CDD	Ant2	2437	17.143	2428.4885	2445.6314	---	---
11G-CDD	Ant1	2462	17.183	2453.3287	2470.5115	---	---
11G-CDD	Ant2	2462	16.943	2453.5285	2470.4715	---	---
11N20-CDD	Ant1	2412	18.182	2402.8492	2421.0310	---	---
11N20-CDD	Ant2	2412	18.182	2402.9291	2421.1109	---	---
11N20-CDD	Ant1	2437	18.462	2427.8891	2446.3506	---	---
11N20-CDD	Ant2	2437	18.222	2427.9291	2446.1508	---	---
11N20-CDD	Ant1	2462	18.342	2452.8092	2471.1508	---	---
11N20-CDD	Ant2	2462	18.262	2452.8891	2471.1508	---	---
11N40-CDD	Ant1	2422	36.364	2403.9381	2440.3017	---	---
11N40-CDD	Ant2	2422	36.523	2403.6983	2440.2218	---	---
11N40-CDD	Ant1	2437	36.284	2418.7782	2455.0619	---	---
11N40-CDD	Ant2	2437	36.284	2418.8581	2455.1419	---	---
11N40-CDD	Ant1	2452	36.284	2433.7782	2470.0619	---	---
11N40-CDD	Ant2	2452	36.763	2433.6184	2470.3816	---	---
11AX20-CDD	Ant1	2412	19.061	2402.4895	2421.5504	---	---
11AX20-CDD	Ant2	2412	19.021	2402.4895	2421.5105	---	---
11AX20-CDD	Ant1	2437	19.301	2427.3297	2446.6304	---	---
11AX20-CDD	Ant2	2437	19.181	2427.4496	2446.6304	---	---
11AX20-CDD	Ant1	2462	19.261	2452.3696	2471.6304	---	---
11AX20-CDD	Ant2	2462	19.181	2452.3696	2471.5504	---	---
11AX40-CDD	Ant1	2422	37.882	2403.1389	2441.0210	---	---
11AX40-CDD	Ant2	2422	37.882	2403.1389	2441.0210	---	---
11AX40-CDD	Ant1	2437	38.042	2418.0589	2456.1009	---	---
11AX40-CDD	Ant2	2437	38.042	2417.9790	2456.0210	---	---
11AX40-CDD	Ant1	2452	38.122	2432.8192	2470.9411	---	---
11AX40-CDD	Ant2	2452	37.962	2432.8991	2470.8611	---	---

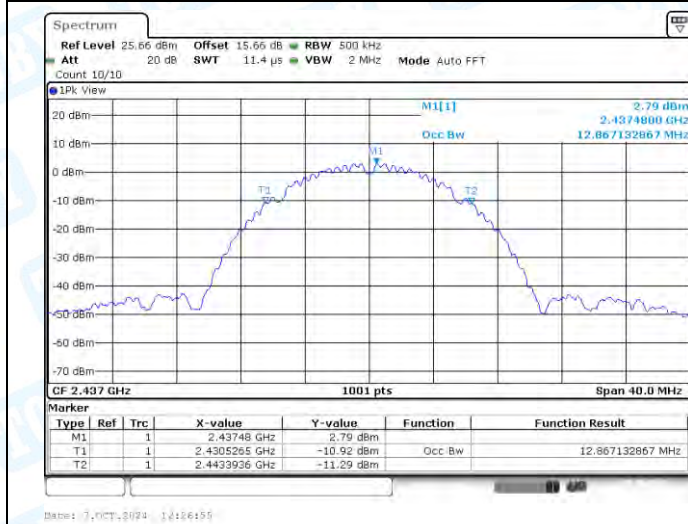
2.2 Test Graphs



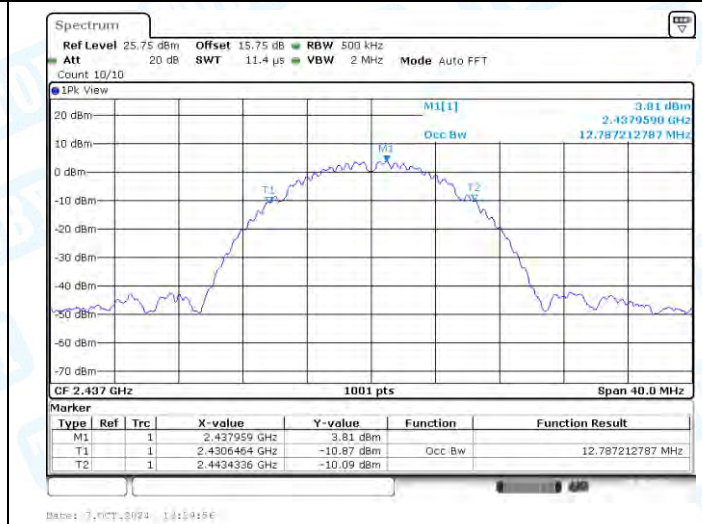
11B-Ant1-2412



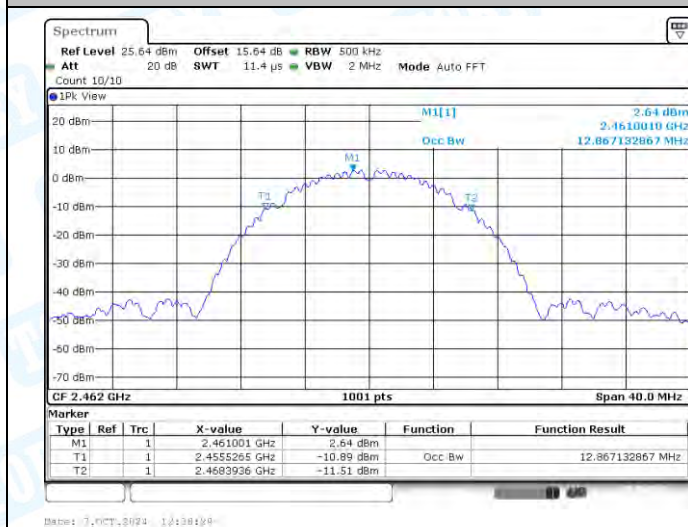
11B-Ant2-2412



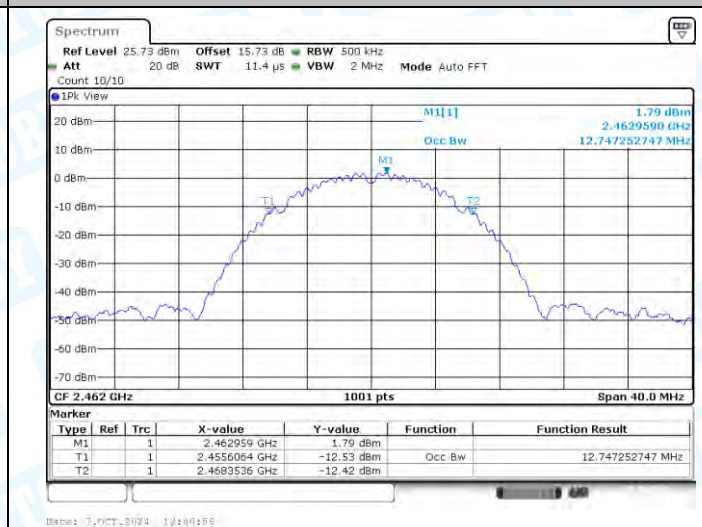
11B-Ant1-2437



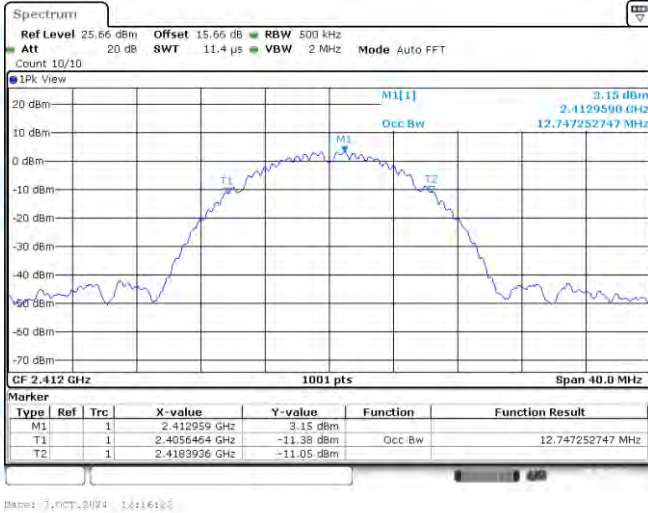
11B-Ant2-2437



11B-Ant1-2462



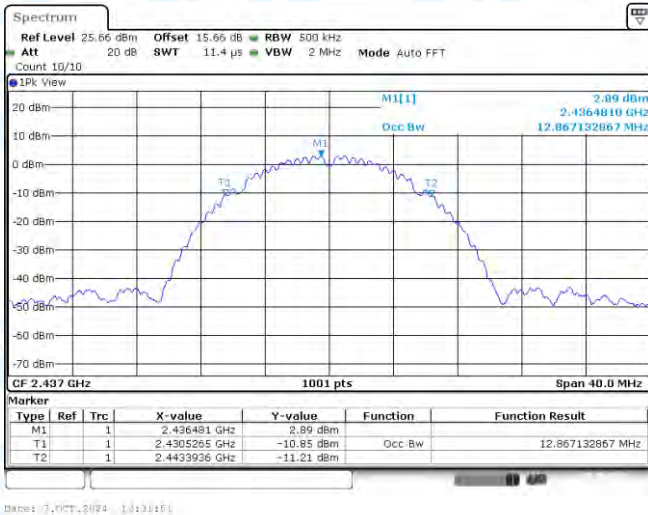
11B-Ant2-2462



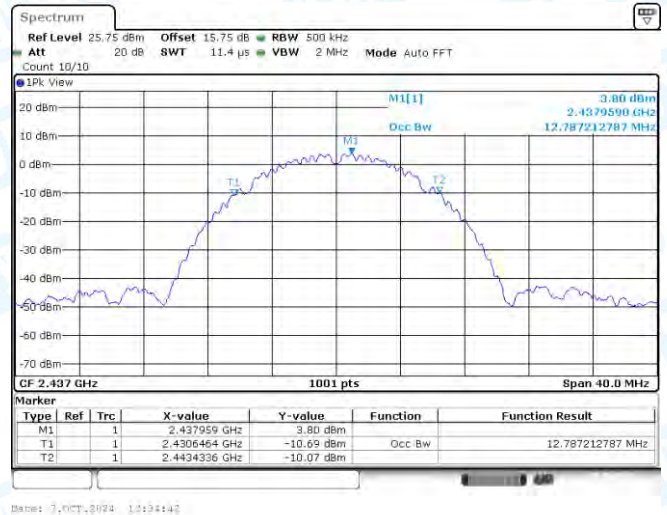
11B-CDD-Ant1-2412



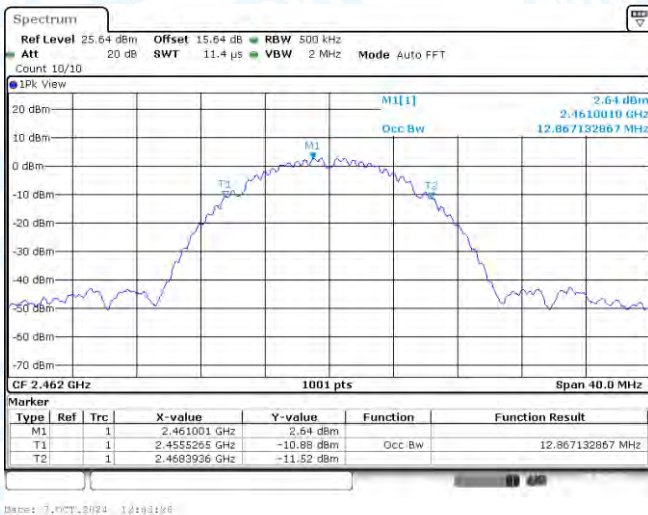
11B-CDD-Ant2-2412



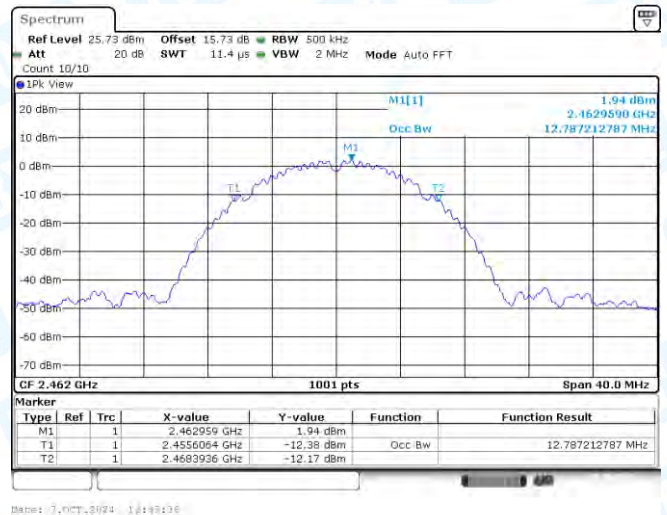
11B-CDD-Ant1-2437



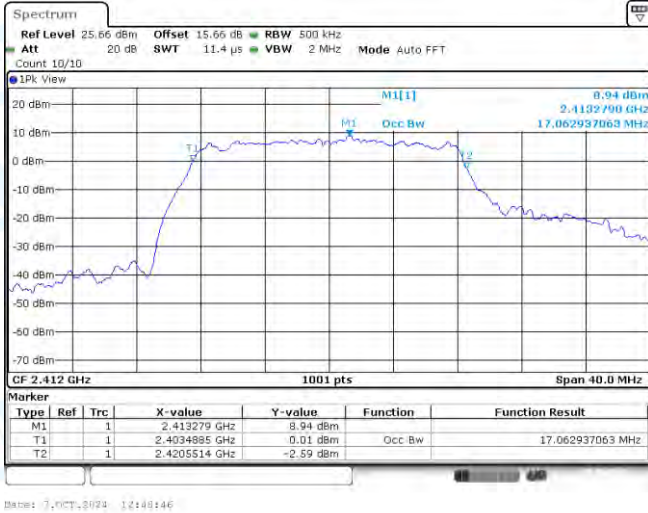
11B-CDD-Ant2-2437



11B-CDD-Ant1-2462



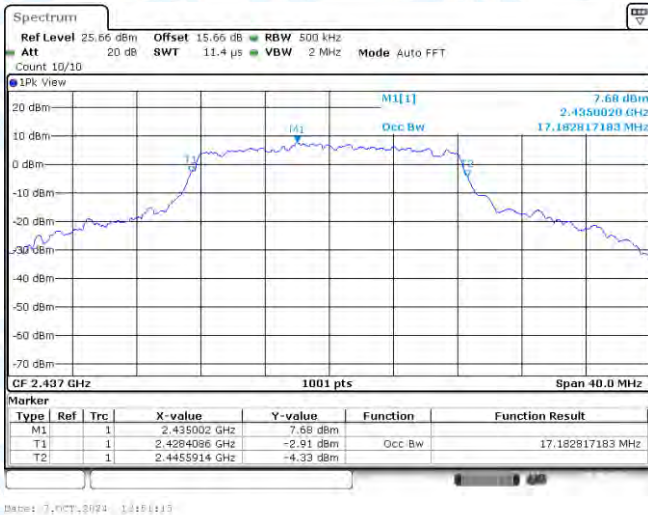
11B-CDD-Ant2-2462



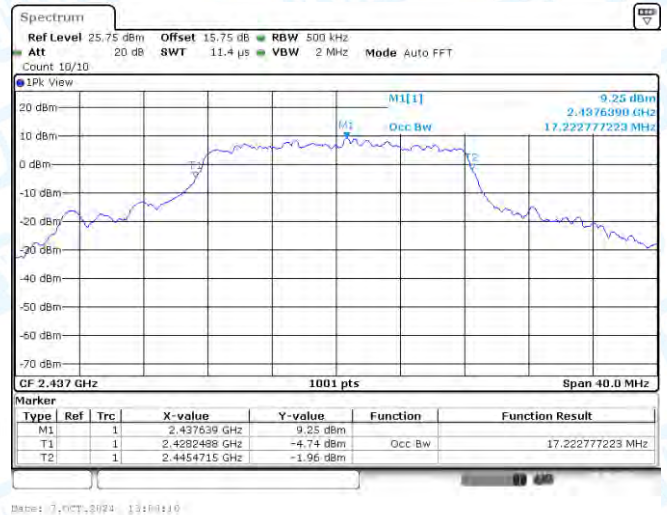
11G-Ant1-2412



11G-Ant2-2412



11G-Ant1-2437



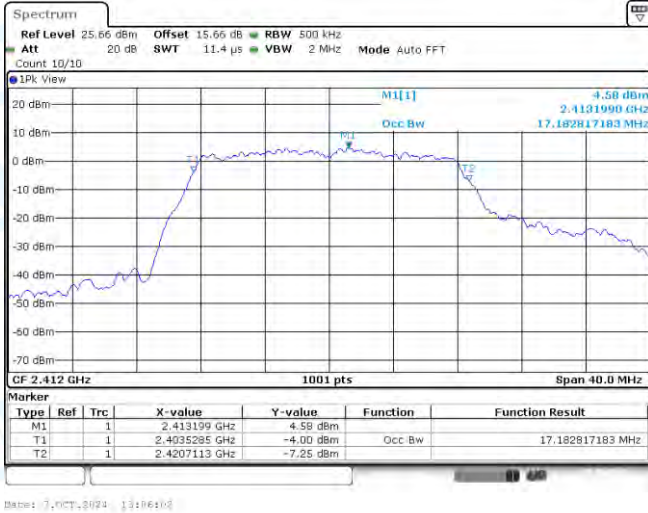
11G-Ant2-2437



11G-Ant1-2462



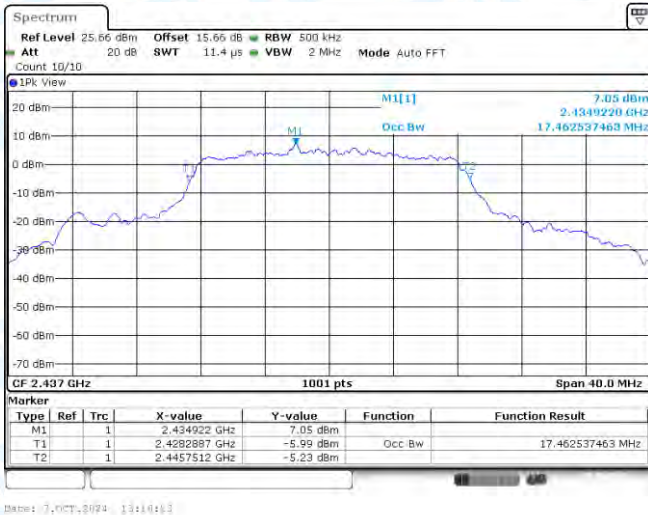
11G-Ant2-2462



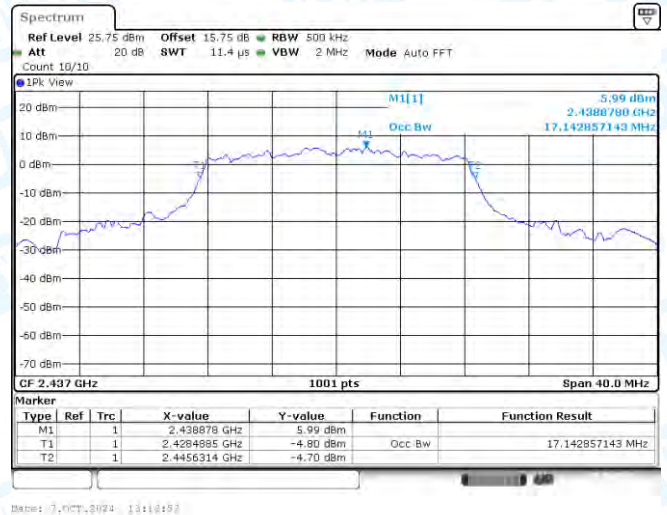
11G-CDD-Ant1-2412



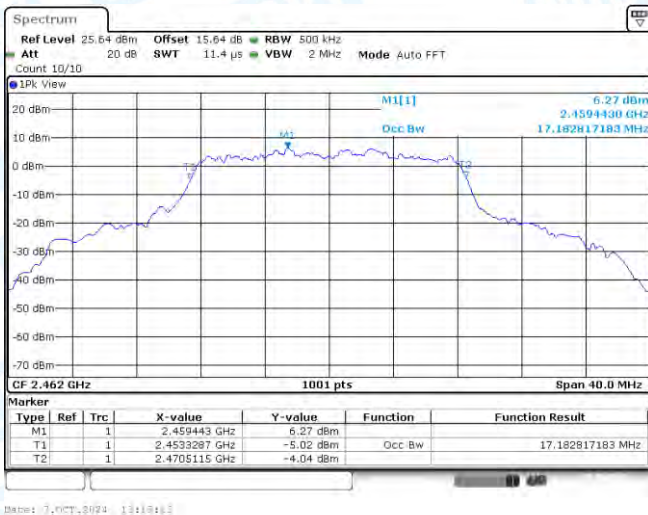
11G-CDD-Ant2-2412



11G-CDD-Ant1-2437



11G-CDD-Ant2-2437



11G-CDD-Ant1-2462



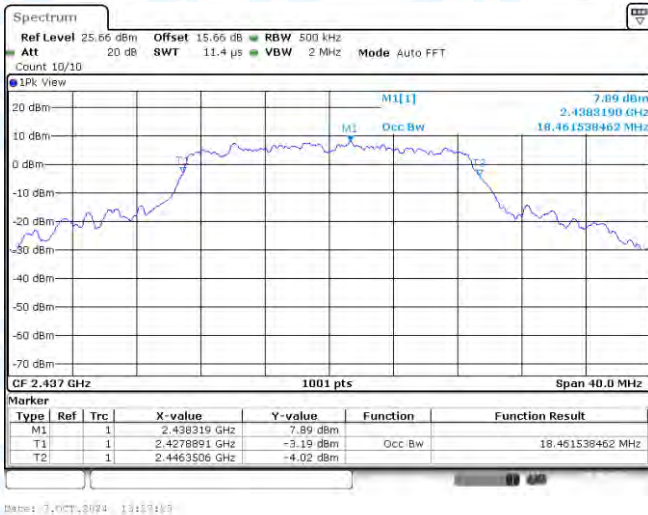
11G-CDD-Ant2-2462



11N20-CDD-Ant1-2412



11N20-CDD-Ant2-2412



11N20-CDD-Ant1-2437



11N20-CDD-Ant2-2437



11N20-CDD-Ant1-2462



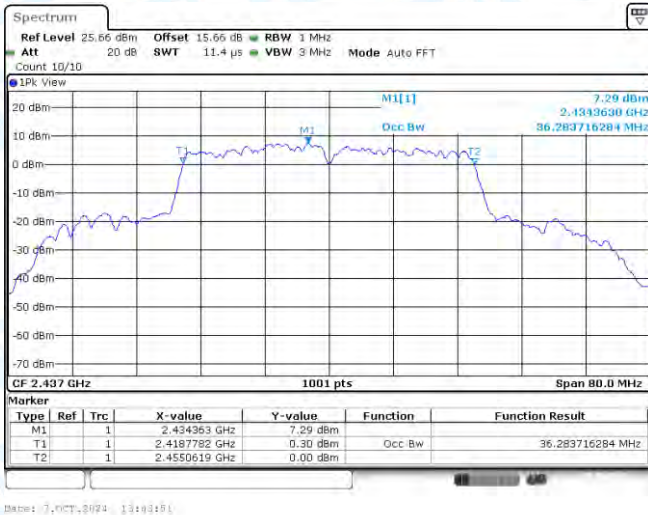
11N20-CDD-Ant2-2462



11N40-CDD-Ant1-2422



11N40-CDD-Ant2-2422



11N40-CDD-Ant1-2437



11N40-CDD-Ant2-2437



11N40-CDD-Ant1-2452



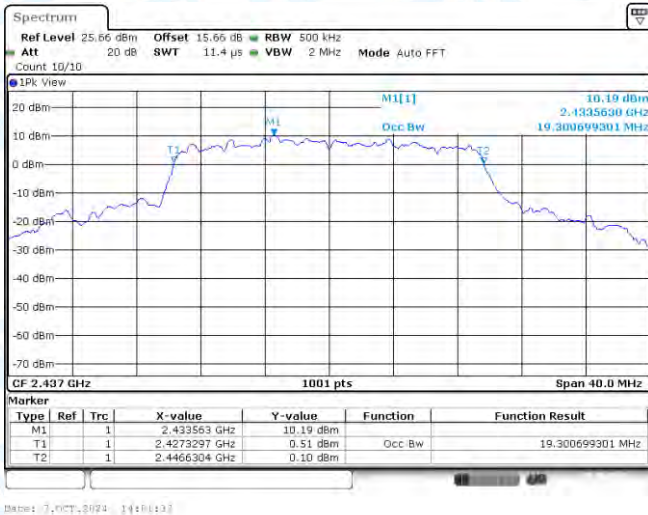
11N40-CDD-Ant2-2452



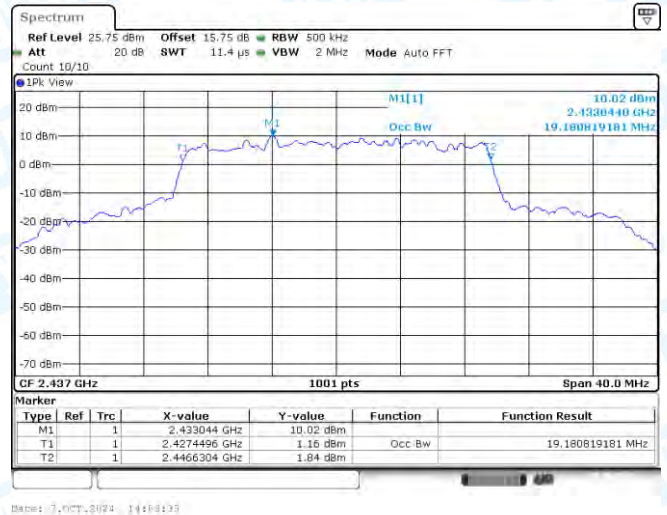
11AX20-CDD-Ant1-2412



11AX20-CDD-Ant2-2412



11AX20-CDD-Ant1-2437



11AX20-CDD-Ant2-2437



11AX20-CDD-Ant1-2462



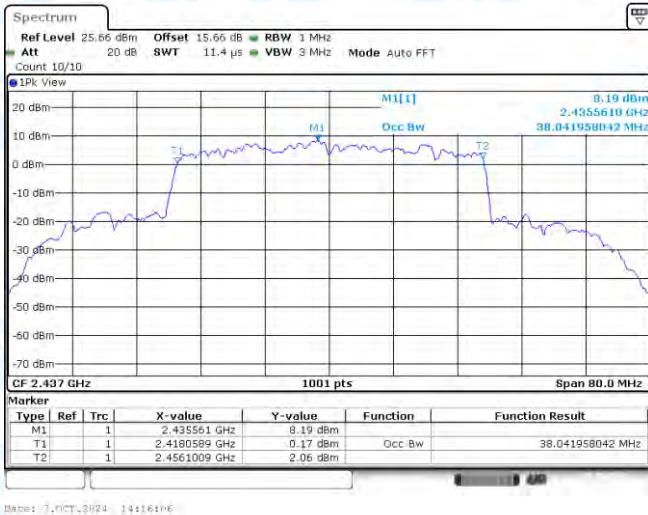
11AX20-CDD-Ant2-2462



11AX40-CDD-Ant1-2422



11AX40-CDD-Ant2-2422



11AX40-CDD-Ant1-2437



11AX40-CDD-Ant2-2437



11AX40-CDD-Ant1-2452



11AX40-CDD-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	11.12	≤30.00	PASS
11B	Ant2	2412	11.05	≤30.00	PASS
11B	Ant1	2437	11.06	≤30.00	PASS
11B	Ant2	2437	10.89	≤30.00	PASS
11B	Ant1	2462	10.77	≤30.00	PASS
11B	Ant2	2462	11.22	≤30.00	PASS
11B-CDD	Ant1	2412	11.10	≤30.00	PASS
11B-CDD	Ant2	2412	12.04	≤30.00	PASS
11B-CDD	total	2412	14.61	≤30.00	PASS
11B-CDD	Ant1	2437	11.14	≤30.00	PASS
11B-CDD	Ant2	2437	11.90	≤30.00	PASS
11B-CDD	total	2437	14.55	≤30.00	PASS
11B-CDD	Ant1	2462	10.90	≤30.00	PASS
11B-CDD	Ant2	2462	11.20	≤30.00	PASS
11B-CDD	total	2462	14.06	≤30.00	PASS
11G	Ant1	2412	16.32	≤30.00	PASS
11G	Ant2	2412	16.74	≤30.00	PASS
11G	Ant1	2437	16.35	≤30.00	PASS
11G	Ant2	2437	16.56	≤30.00	PASS
11G	Ant1	2462	16.22	≤30.00	PASS
11G	Ant2	2462	16.45	≤30.00	PASS
11G-CDD	Ant1	2412	13.36	≤30.00	PASS
11G-CDD	Ant2	2412	13.70	≤30.00	PASS
11G-CDD	total	2412	16.54	≤30.00	PASS
11G-CDD	Ant1	2437	13.48	≤30.00	PASS
11G-CDD	Ant2	2437	13.71	≤30.00	PASS
11G-CDD	total	2437	16.61	≤30.00	PASS
11G-CDD	Ant1	2462	13.33	≤30.00	PASS
11G-CDD	Ant2	2462	13.52	≤30.00	PASS
11G-CDD	total	2462	16.44	≤30.00	PASS
11N20-CDD	Ant1	2412	15.75	≤30.00	PASS
11N20-CDD	Ant2	2412	16.19	≤30.00	PASS
11N20-CDD	total	2412	18.99	≤30.00	PASS
11N20-CDD	Ant1	2437	15.80	≤30.00	PASS
11N20-CDD	Ant2	2437	16.03	≤30.00	PASS
11N20-CDD	total	2437	18.93	≤30.00	PASS
11N20-CDD	Ant1	2462	15.68	≤30.00	PASS
11N20-CDD	Ant2	2462	15.99	≤30.00	PASS
11N20-CDD	total	2462	18.85	≤30.00	PASS
11N40-CDD	Ant1	2422	14.75	≤30.00	PASS
11N40-CDD	Ant2	2422	15.00	≤30.00	PASS
11N40-CDD	total	2422	17.89	≤30.00	PASS
11N40-CDD	Ant1	2437	14.73	≤30.00	PASS
11N40-CDD	Ant2	2437	14.99	≤30.00	PASS
11N40-CDD	total	2437	17.87	≤30.00	PASS
11N40-CDD	Ant1	2452	14.72	≤30.00	PASS
11N40-CDD	Ant2	2452	14.93	≤30.00	PASS
11N40-CDD	total	2452	17.84	≤30.00	PASS
11AX20-CDD	Ant1	2412	16.00	≤30.00	PASS
11AX20-CDD	Ant2	2412	16.53	≤30.00	PASS
11AX20-CDD	total	2412	19.28	≤30.00	PASS
11AX20-CDD	Ant1	2437	16.06	≤30.00	PASS
11AX20-CDD	Ant2	2437	16.29	≤30.00	PASS

11AX20-CDD	total	2437	19.19	≤30.00	PASS
11AX20-CDD	Ant1	2462	15.84	≤30.00	PASS
11AX20-CDD	Ant2	2462	16.05	≤30.00	PASS
11AX20-CDD	total	2462	18.96	≤30.00	PASS
11AX40-CDD	Ant1	2422	14.95	≤30.00	PASS
11AX40-CDD	Ant2	2422	15.30	≤30.00	PASS
11AX40-CDD	total	2422	18.14	≤30.00	PASS
11AX40-CDD	Ant1	2437	14.93	≤30.00	PASS
11AX40-CDD	Ant2	2437	15.24	≤30.00	PASS
11AX40-CDD	total	2437	18.10	≤30.00	PASS
11AX40-CDD	Ant1	2452	14.97	≤30.00	PASS
11AX40-CDD	Ant2	2452	15.19	≤30.00	PASS
11AX40-CDD	total	2452	18.09	≤30.00	PASS

Note: For CDD Mode, Directional gain = $G_{ANT} + \text{Array Gain}$, Array Gain = 0 dB (i.e., no array gain) for $NANT \leq 4$;
 $G_{ANT1}=5.08\text{dBi}$; $G_{ANT2}=5.05\text{dBi}$; **CDD Mode** use max. antenna Gain, So the Directional gain < 6dBi, So the $P_{\text{limit}}=30\text{dBm}$.
 The Duty Cycle Factor is compensated in the data.

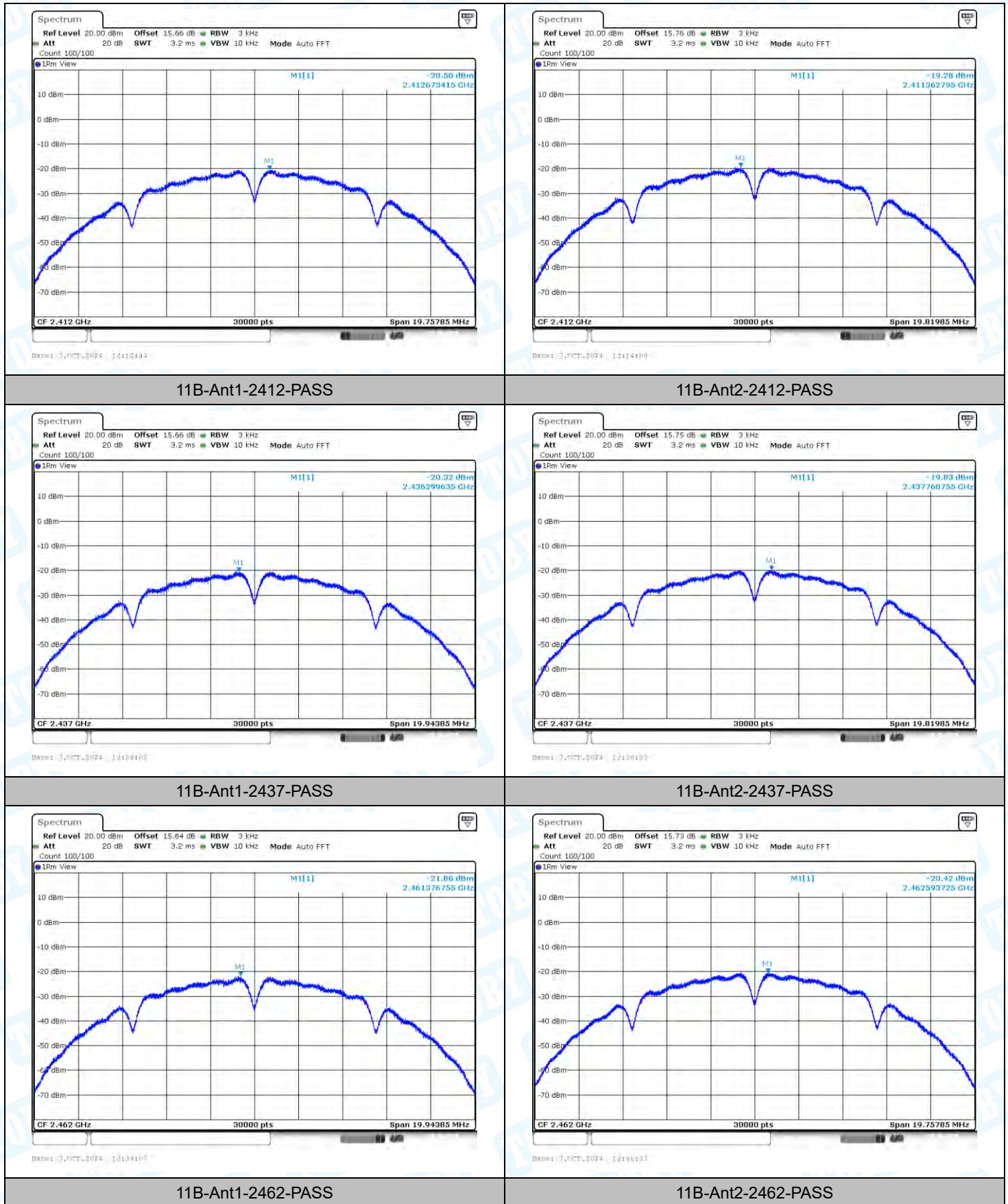
4: Maximum power spectral density

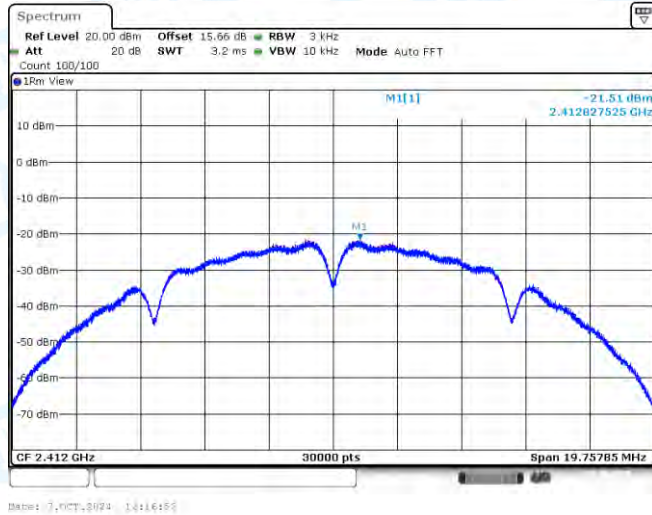
4.1 Test Result

TestMode	Ant.	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-20.47	≤8.00	PASS
11B	Ant2	2412	-19.26	≤8.00	PASS
11B	Ant1	2437	-20.30	≤8.00	PASS
11B	Ant2	2437	-19.80	≤8.00	PASS
11B	Ant1	2462	-21.84	≤8.00	PASS
11B	Ant2	2462	-20.39	≤8.00	PASS
11B-CDD	Ant1	2412	-21.49	≤8.00	PASS
11B-CDD	Ant2	2412	-19.95	≤8.00	PASS
11B-CDD	total	2412	-17.64	≤5.92	PASS
11B-CDD	Ant1	2437	-20.40	≤8.00	PASS
11B-CDD	Ant2	2437	-19.46	≤8.00	PASS
11B-CDD	total	2437	-16.89	≤5.92	PASS
11B-CDD	Ant1	2462	-21.91	≤8.00	PASS
11B-CDD	Ant2	2462	-20.20	≤8.00	PASS
11B-CDD	total	2462	-17.96	≤5.92	PASS
11G	Ant1	2412	-18.81	≤8.00	PASS
11G	Ant2	2412	-18.09	≤8.00	PASS
11G	Ant1	2437	-17.51	≤8.00	PASS
11G	Ant2	2437	-17.66	≤8.00	PASS
11G	Ant1	2462	-18.17	≤8.00	PASS
11G	Ant2	2462	-19.96	≤8.00	PASS
11G-CDD	Ant1	2412	-20.57	≤8.00	PASS
11G-CDD	Ant2	2412	-21.15	≤8.00	PASS
11G-CDD	total	2412	-17.84	≤5.92	PASS
11G-CDD	Ant1	2437	-20.79	≤8.00	PASS
11G-CDD	Ant2	2437	-20.65	≤8.00	PASS
11G-CDD	total	2437	-17.71	≤5.92	PASS
11G-CDD	Ant1	2462	-20.68	≤8.00	PASS
11G-CDD	Ant2	2462	-20.71	≤8.00	PASS
11G-CDD	total	2462	-17.68	≤5.92	PASS
11N20-CDD	Ant1	2412	-19.93	≤8.00	PASS
11N20-CDD	Ant2	2412	-19.07	≤8.00	PASS
11N20-CDD	total	2412	-16.47	≤5.92	PASS
11N20-CDD	Ant1	2437	-17.86	≤8.00	PASS
11N20-CDD	Ant2	2437	-19.56	≤8.00	PASS
11N20-CDD	total	2437	-15.62	≤5.92	PASS
11N20-CDD	Ant1	2462	-19.11	≤8.00	PASS
11N20-CDD	Ant2	2462	-18.18	≤8.00	PASS
11N20-CDD	total	2462	-15.61	≤5.92	PASS
11N40-CDD	Ant1	2422	-20.00	≤8.00	PASS
11N40-CDD	Ant2	2422	-20.30	≤8.00	PASS
11N40-CDD	total	2422	-17.14	≤5.92	PASS
11N40-CDD	Ant1	2437	-20.74	≤8.00	PASS
11N40-CDD	Ant2	2437	-19.94	≤8.00	PASS
11N40-CDD	total	2437	-17.31	≤5.92	PASS
11N40-CDD	Ant1	2452	-20.43	≤8.00	PASS
11N40-CDD	Ant2	2452	-21.80	≤8.00	PASS
11N40-CDD	total	2452	-18.05	≤5.92	PASS
11AX20-CDD	Ant1	2412	-16.57	≤8.00	PASS
11AX20-CDD	Ant2	2412	-16.72	≤8.00	PASS
11AX20-CDD	total	2412	-13.63	≤5.92	PASS
11AX20-CDD	Ant1	2437	-16.26	≤8.00	PASS
11AX20-CDD	Ant2	2437	-17.30	≤8.00	PASS
11AX20-CDD	total	2437	-13.74	≤5.92	PASS
11AX20-CDD	Ant1	2462	-16.91	≤8.00	PASS
11AX20-CDD	Ant2	2462	-16.81	≤8.00	PASS
11AX20-CDD	total	2462	-13.85	≤5.92	PASS
11AX40-CDD	Ant1	2422	-20.85	≤8.00	PASS
11AX40-CDD	Ant2	2422	-20.33	≤8.00	PASS
11AX40-CDD	total	2422	-17.57	≤5.92	PASS
11AX40-CDD	Ant1	2437	-21.18	≤8.00	PASS
11AX40-CDD	Ant2	2437	-20.10	≤8.00	PASS

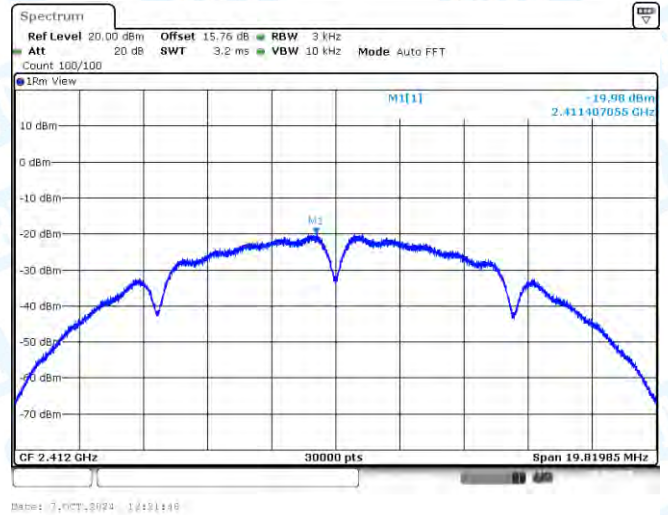
11AX40-CDD	total	2437	-17.60	≤5.92	PASS
11AX40-CDD	Ant1	2452	-20.78	≤8.00	PASS
11AX40-CDD	Ant2	2452	-20.62	≤8.00	PASS
11AX40-CDD	total	2452	-17.69	≤5.92	PASS
Note: For CDD Mode, Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2] = 8.08\text{dBi}$; $G_{ANT1} = 5.08\text{dBi}$; $G_{ANT2} = 5.05\text{dBi}$ and the Directional gain > 6dBi, So the $PSD_{\text{limit}} = PSD_{\text{limit}} - (8.08 - 6) = 5.92\text{dBm}/3\text{kHz}$. The Duty Cycle Factor is compensated in the graph.					

4.2 Test Graphs





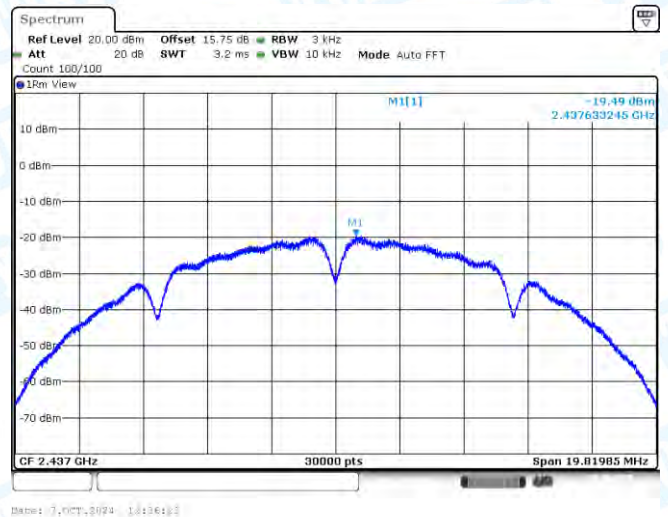
11B-CDD-Ant1-2412-PASS



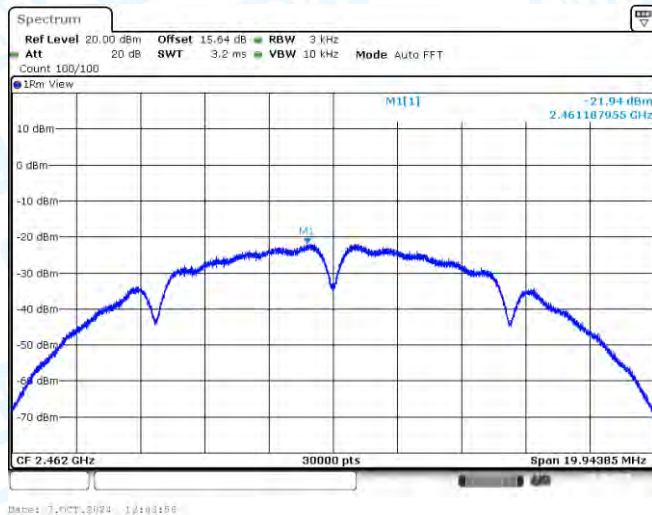
11B-CDD-Ant2-2412-PASS



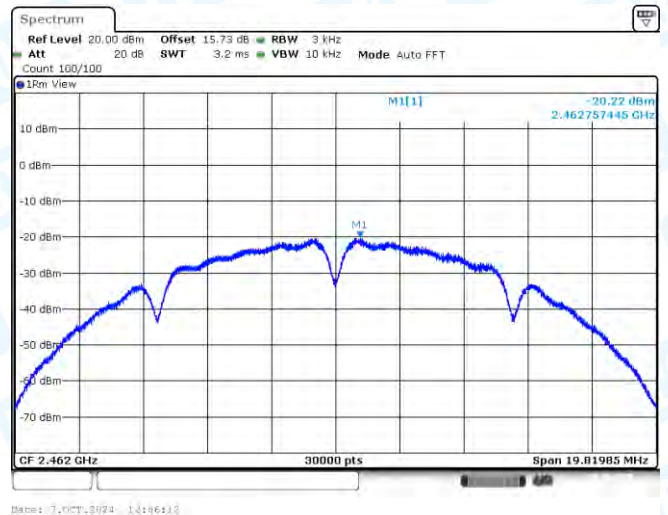
11B-CDD-Ant1-2437-PASS



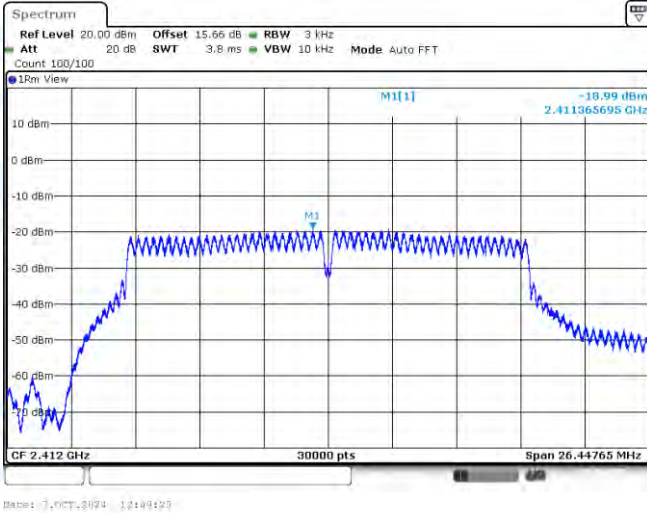
11B-CDD-Ant2-2437-PASS



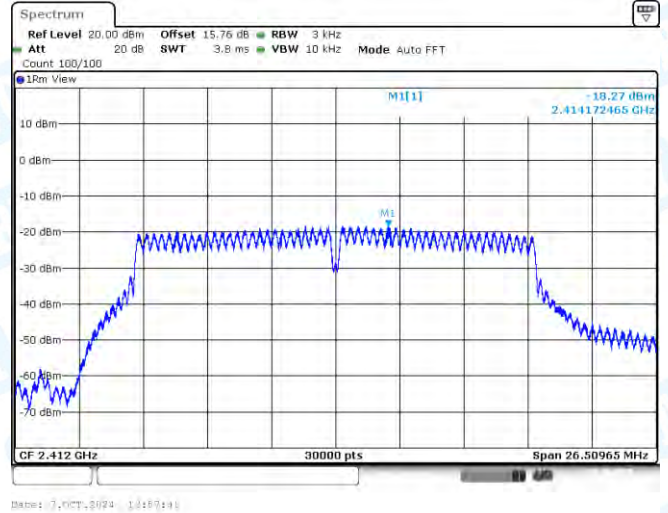
11B-CDD-Ant1-2462-PASS



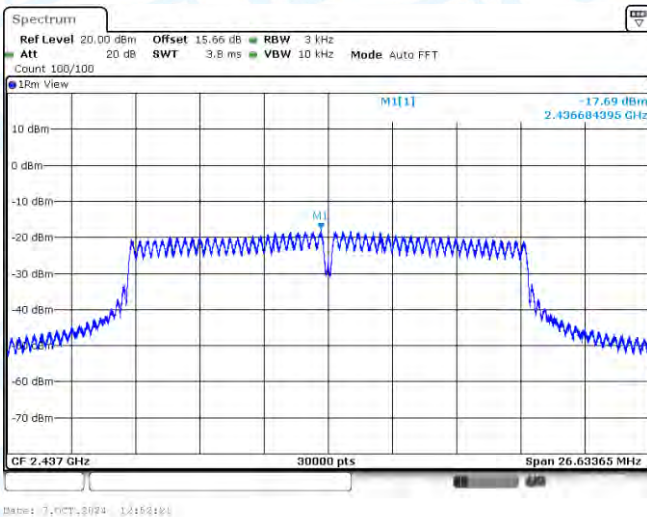
11B-CDD-Ant2-2462-PASS



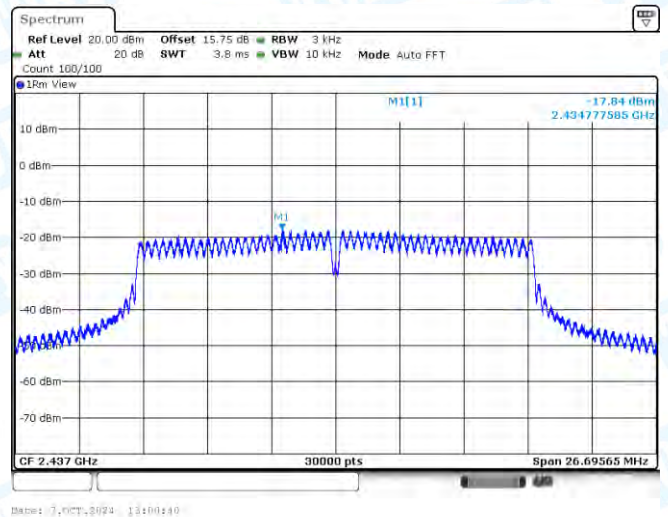
11G-Ant1-2412-PASS



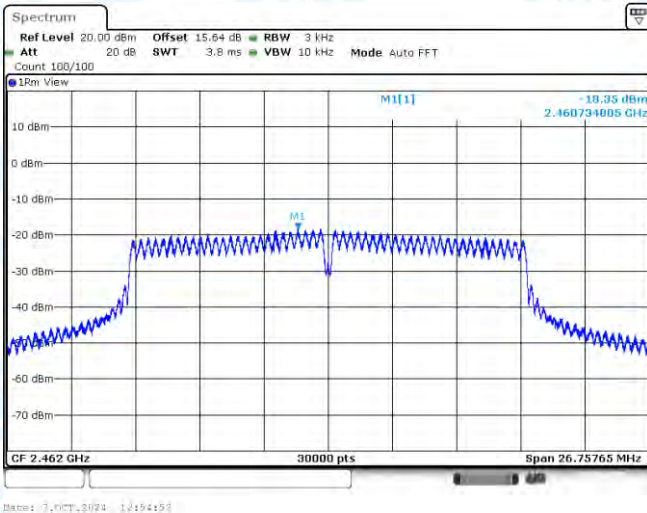
11G-Ant2-2412-PASS



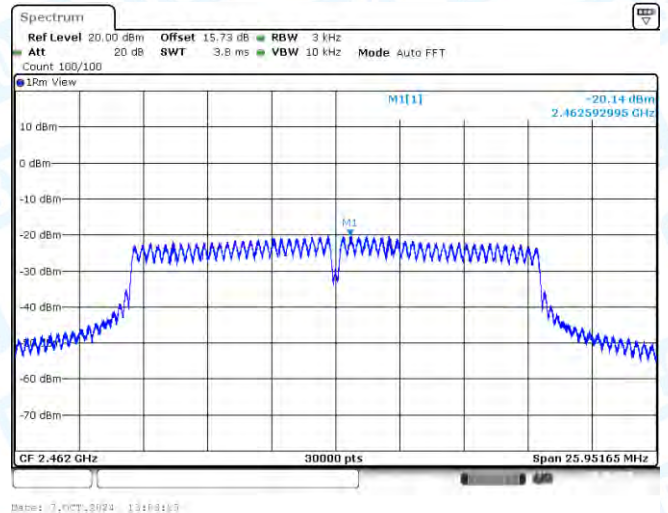
11G-Ant1-2437-PASS



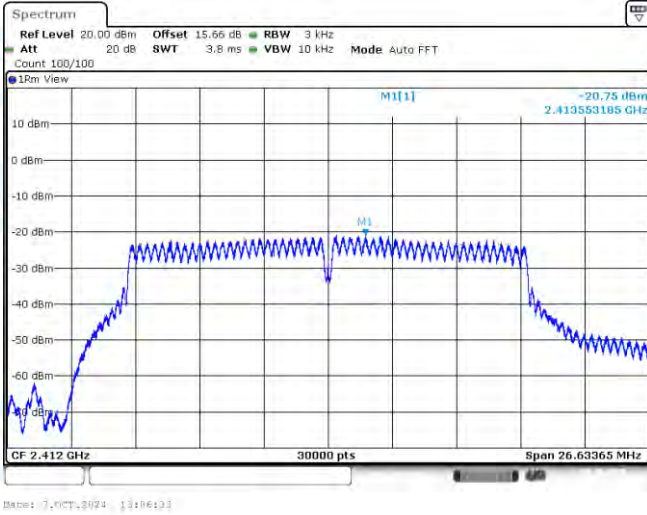
11G-Ant2-2437-PASS



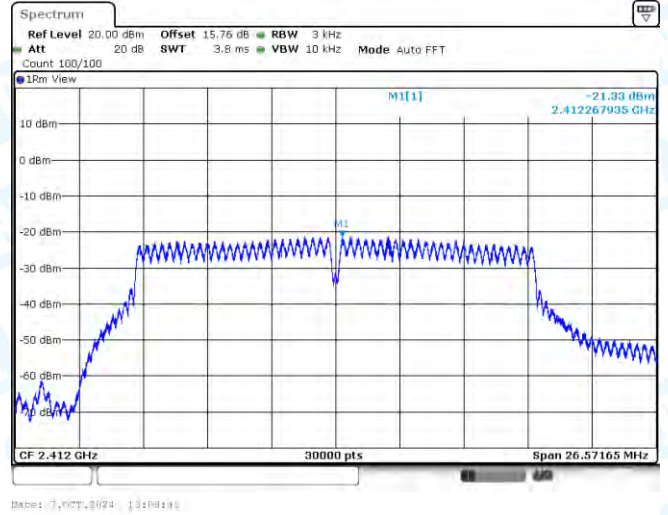
11G-Ant1-2462-PASS



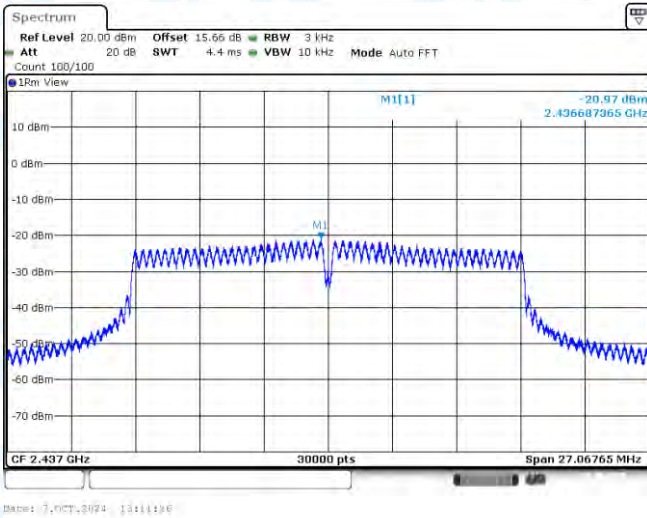
11G-Ant2-2462-PASS



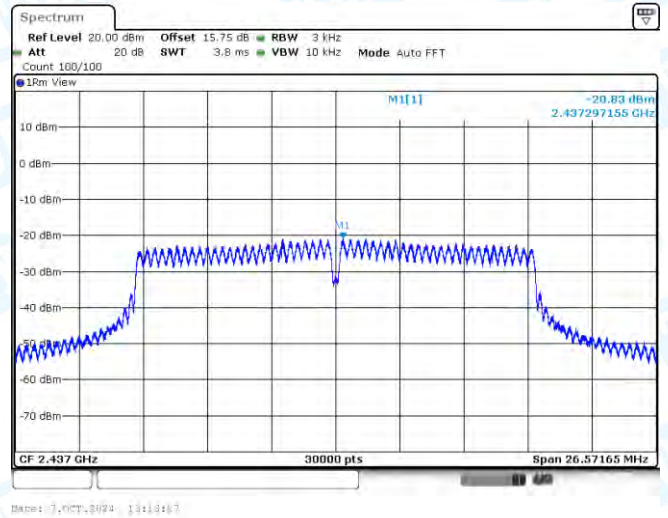
11G-CDD-Ant1-2412-PASS



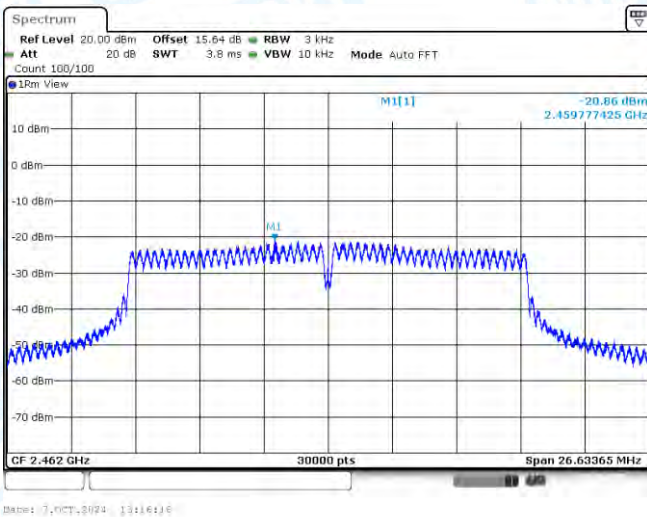
11G-CDD-Ant2-2412-PASS



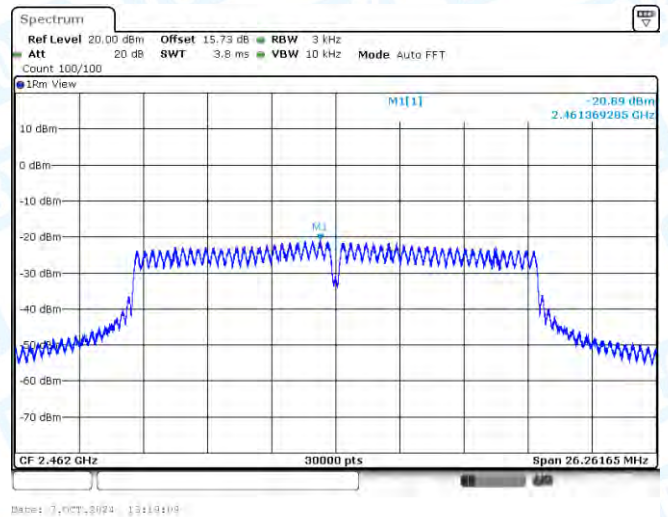
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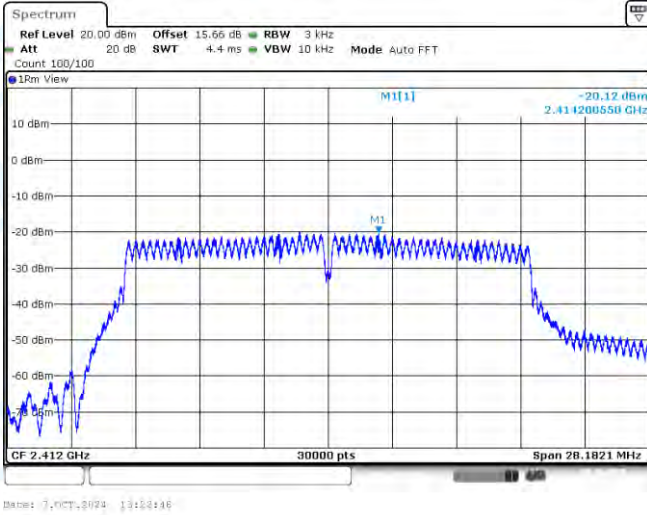
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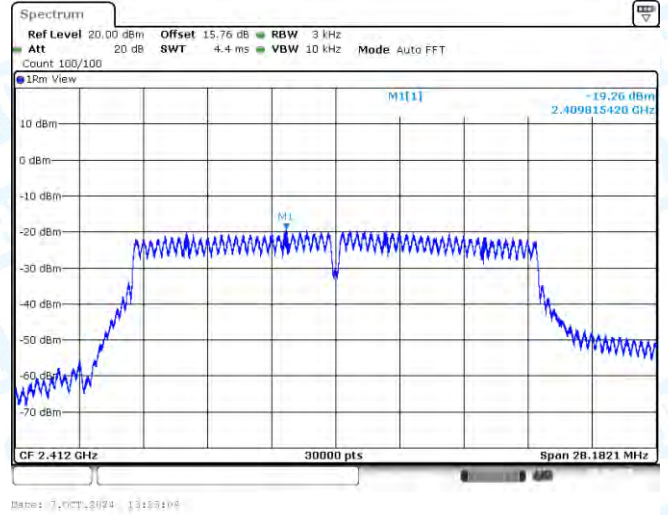
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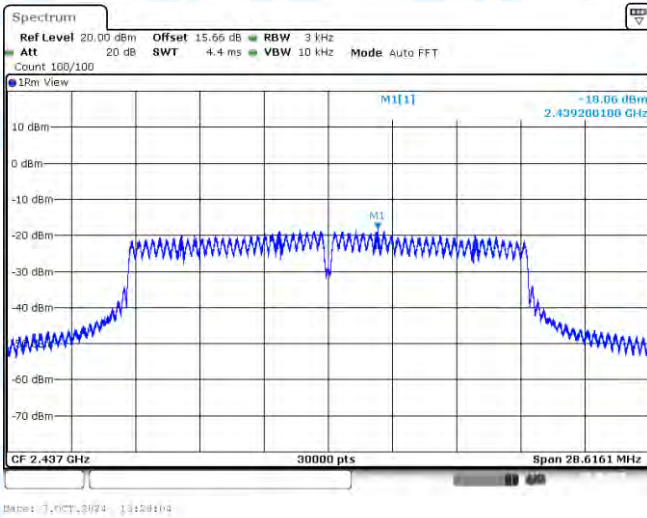
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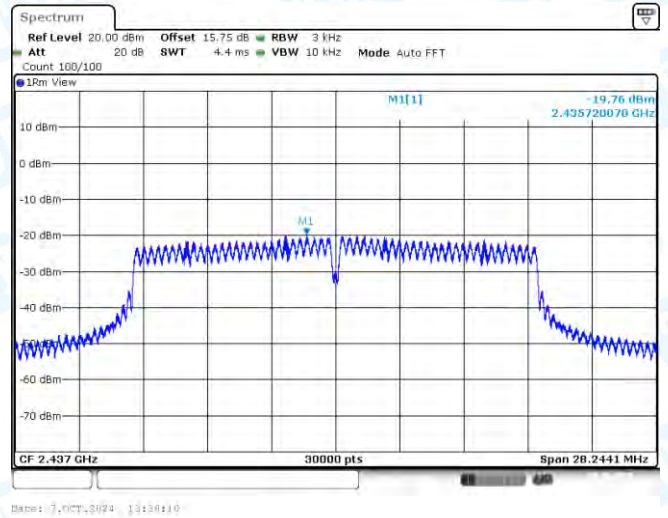
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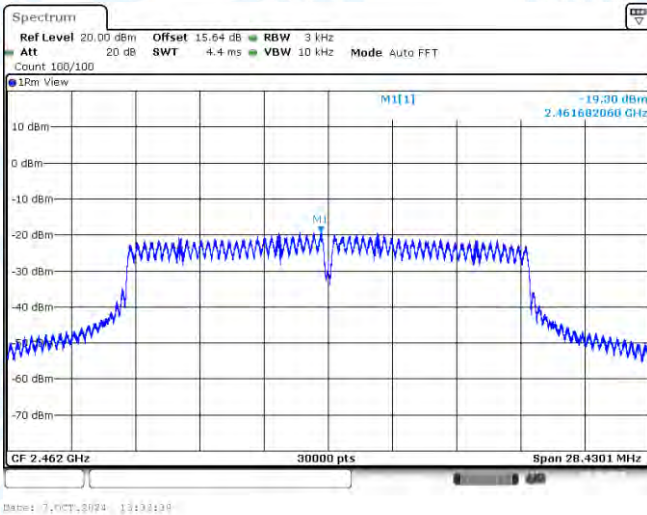
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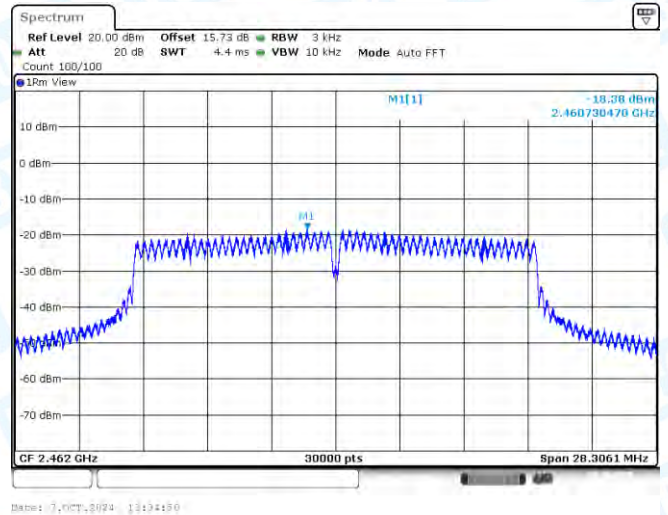
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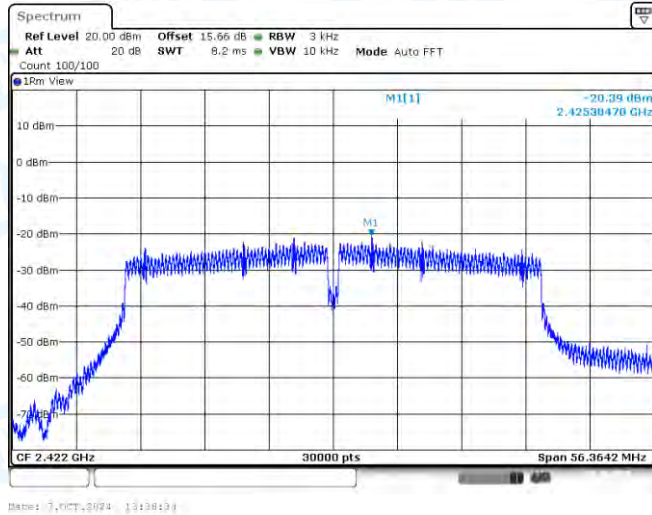
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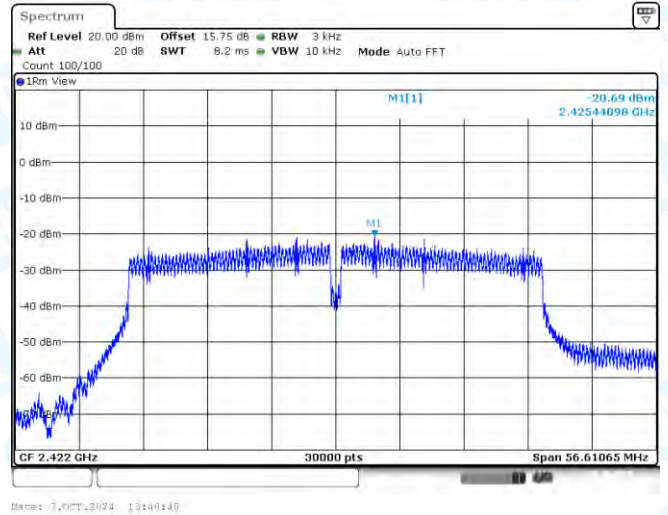
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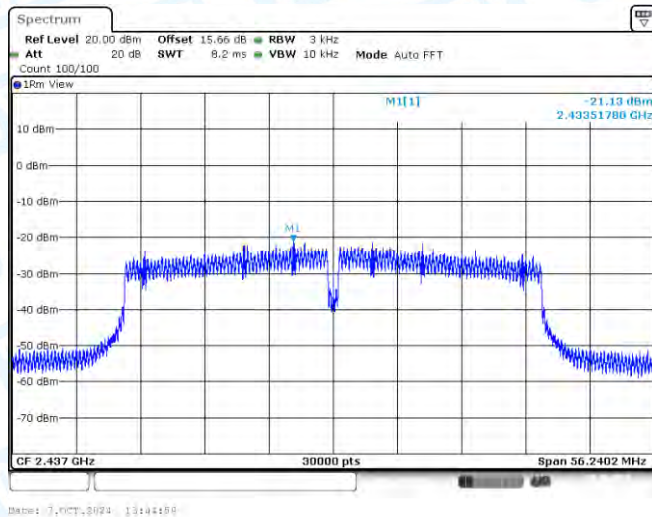
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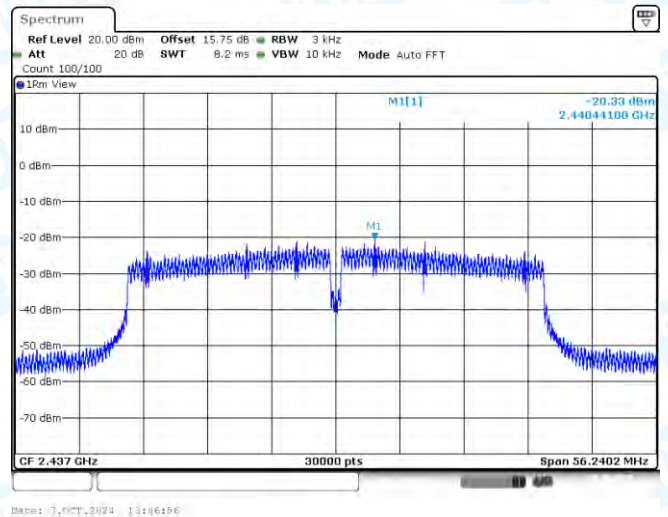
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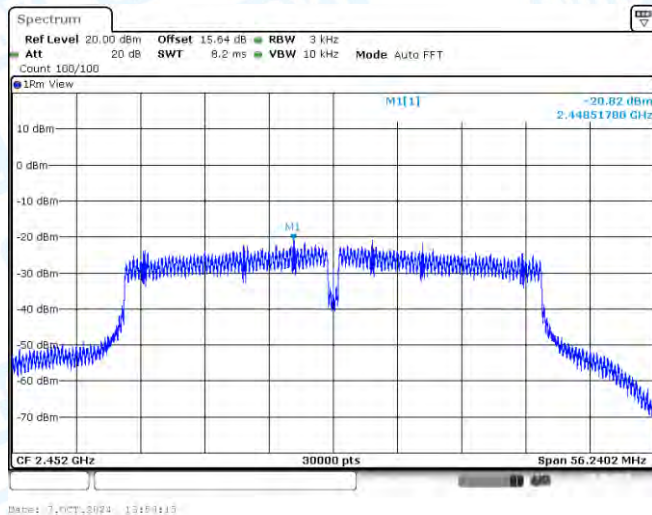
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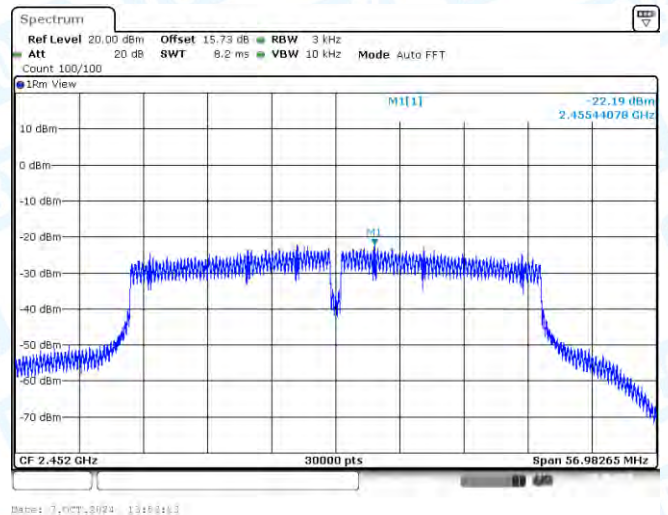
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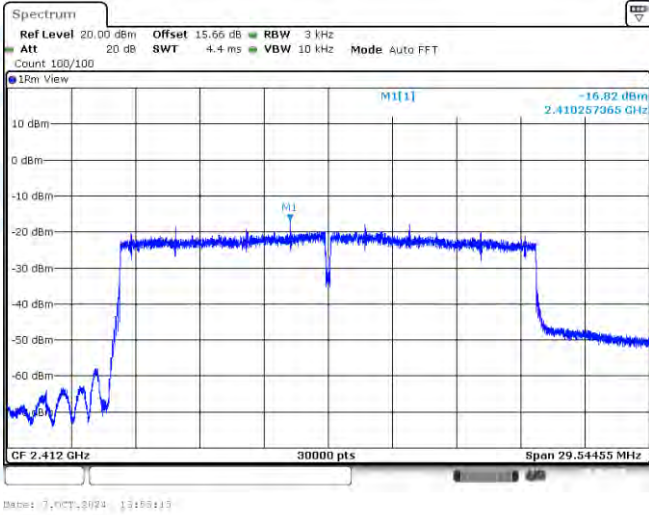
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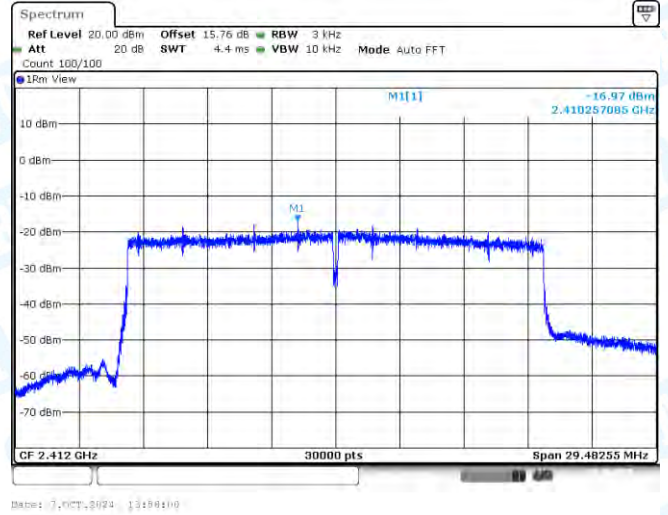
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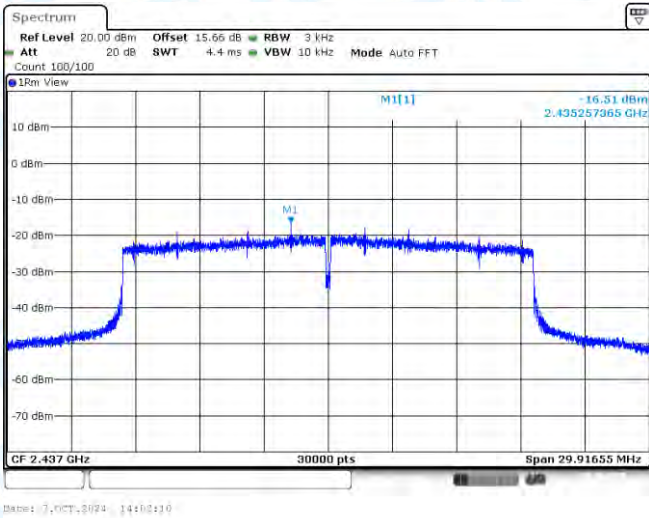
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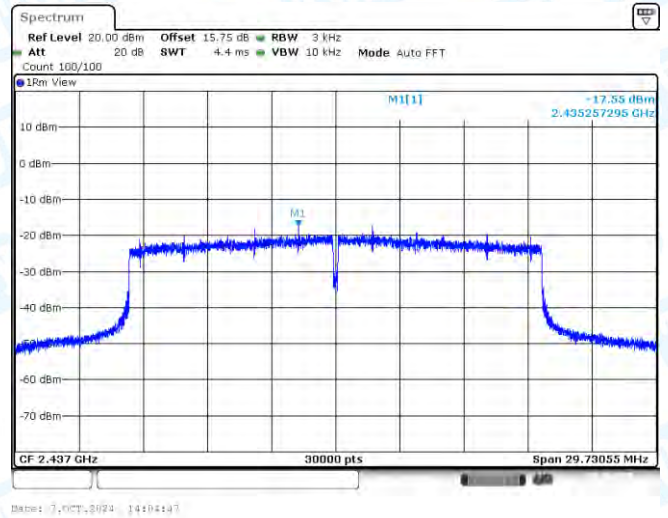
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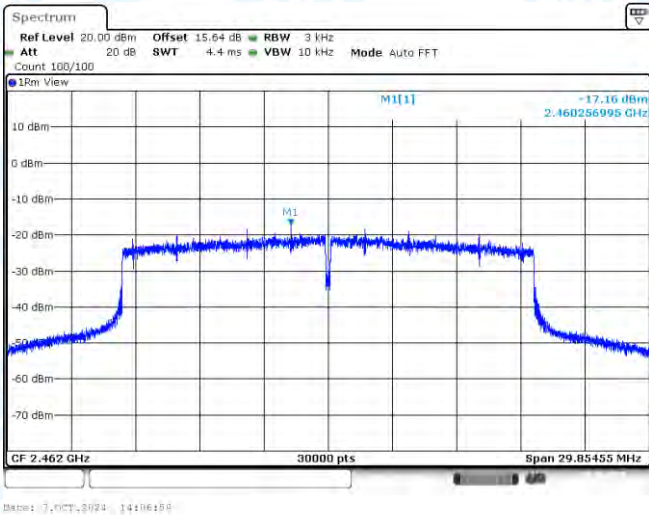
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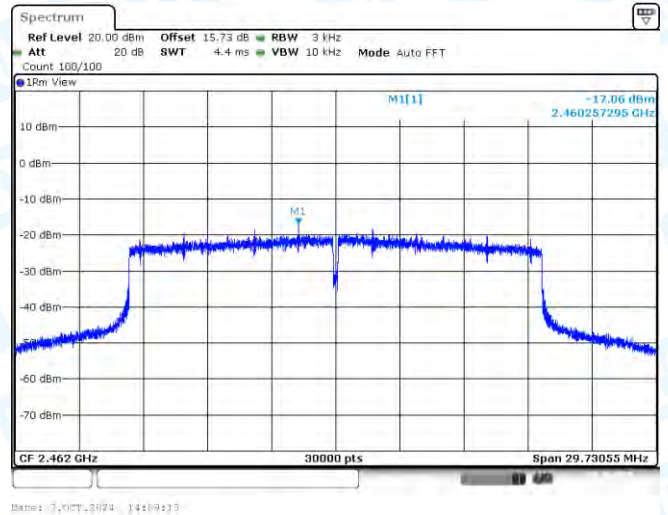
11AX20-CDD-Ant1-2437-PASS



11AX20-CDD-Ant2-2437-PASS



11AX20-CDD-Ant1-2462-PASS



11AX20-CDD-Ant2-2462-PASS