



CQASZ20260901920E-01

Summary

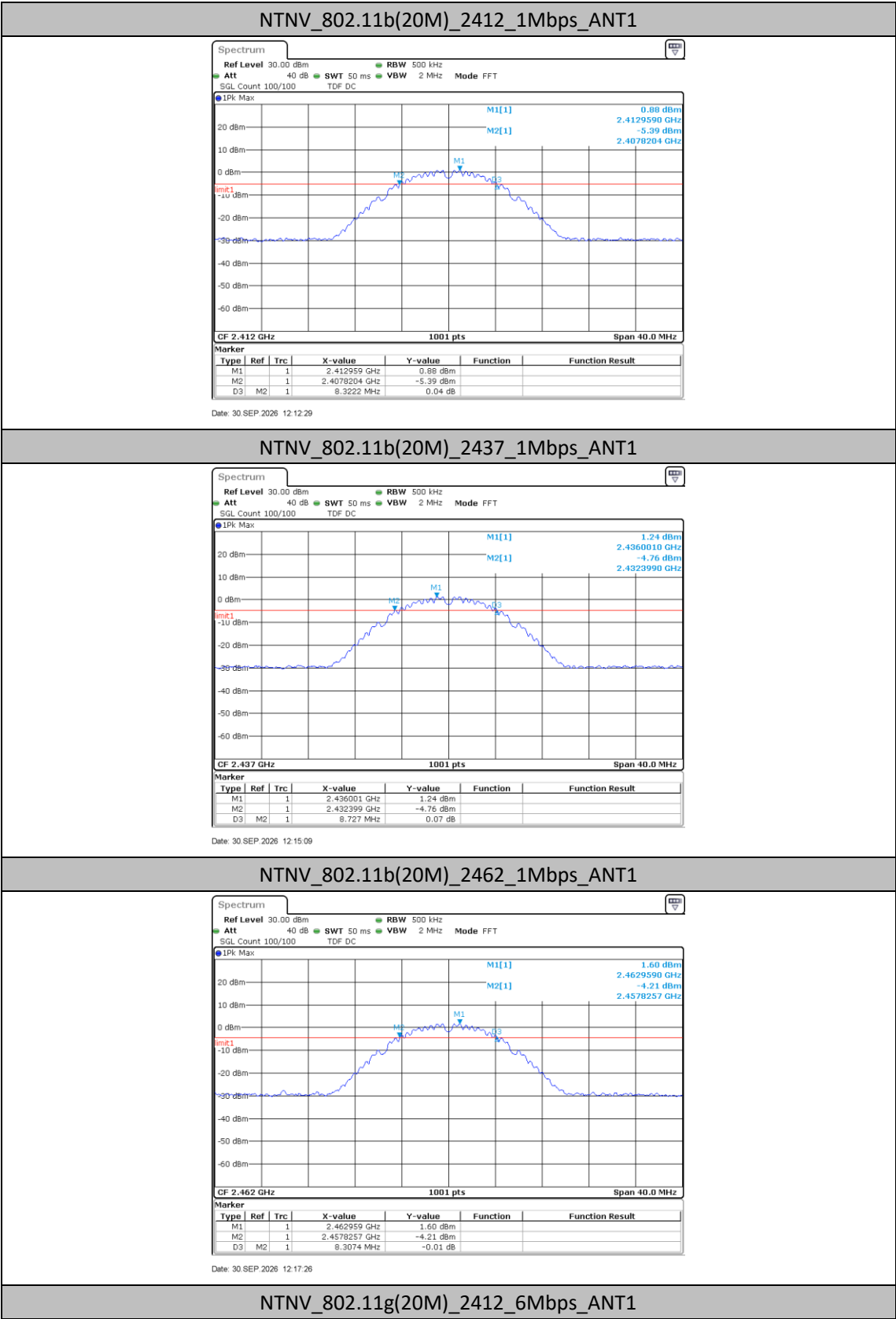
NO.	Item	Verdict
1	DTS Bandwidth	Pass
2	Occupied Channel Bandwidth	Pass
3	Maximum conducted output power	Pass
4	Maximum power spectral density	Pass
5	Band edge measurements	Pass
6	Conducted Spurious Emission	Pass
7	Duty Cycle	Pass

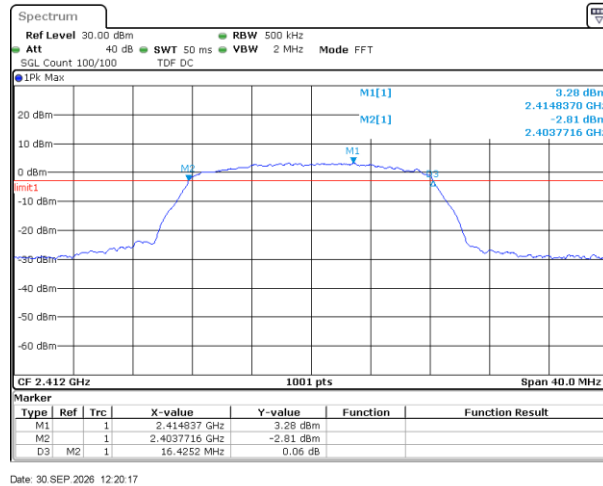
Appendix A: DTS Bandwidth

Test Result

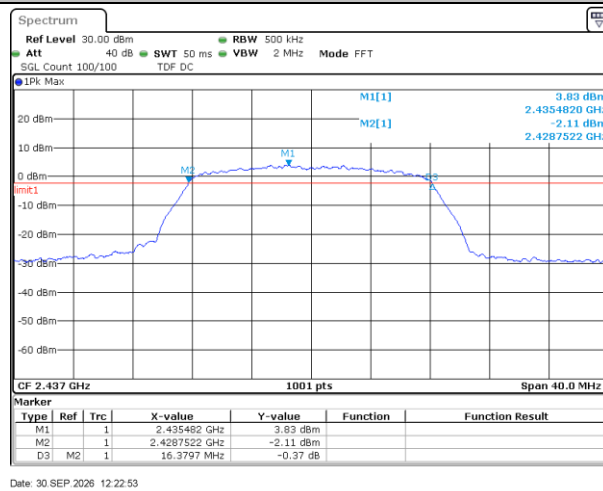
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	6dB Occupy Bandwidth (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
1	NTNV	802.11b(20M)	2412	1Mbps	ANT1	8.32	2408.00	2416.00	≥ 0.5	Pass
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	8.73	2432.00	2441.00	≥ 0.5	Pass
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	8.31	2458.00	2466.00	≥ 0.5	Pass
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	16.42	2404.00	2420.00	≥ 0.5	Pass
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	16.38	2429.00	2445.00	≥ 0.5	Pass
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	16.27	2454.00	2470.00	≥ 0.5	Pass
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	17.64	2403.00	2421.00	≥ 0.5	Pass
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	17.52	2428.00	2446.00	≥ 0.5	Pass
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	17.60	2453.00	2471.00	≥ 0.5	Pass
10	NTNV	802.11n(40M)	2422	MCS0	ANT1	35.76	2404.00	2440.00	≥ 0.5	Pass
11	NTNV	802.11n(40M)	2437	MCS0	ANT1	36.37	2419.00	2455.00	≥ 0.5	Pass
12	NTNV	802.11n(40M)	2452	MCS0	ANT1	36.35	2434.00	2470.00	≥ 0.5	Pass

Test Graphs

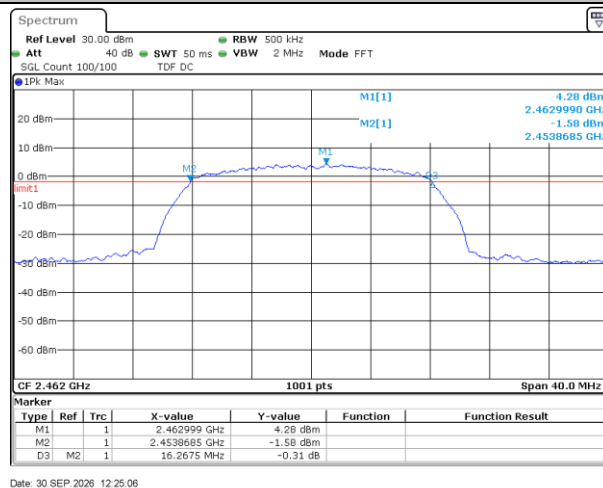




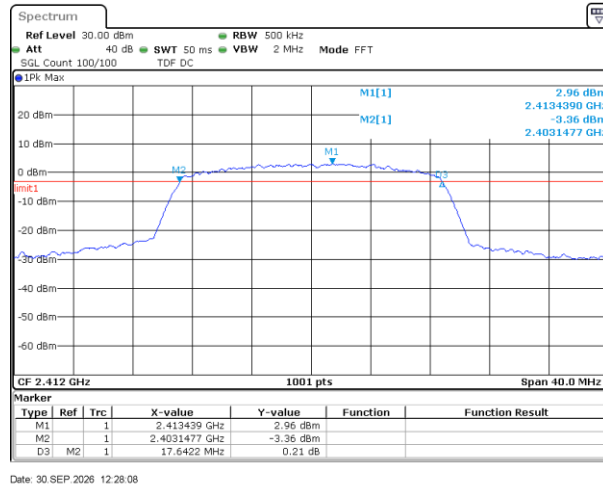
NTNV_802.11g(20M)_2437_6Mbps_ANT1



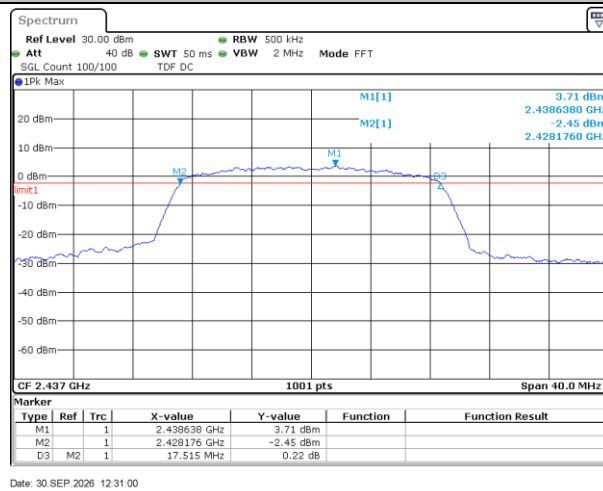
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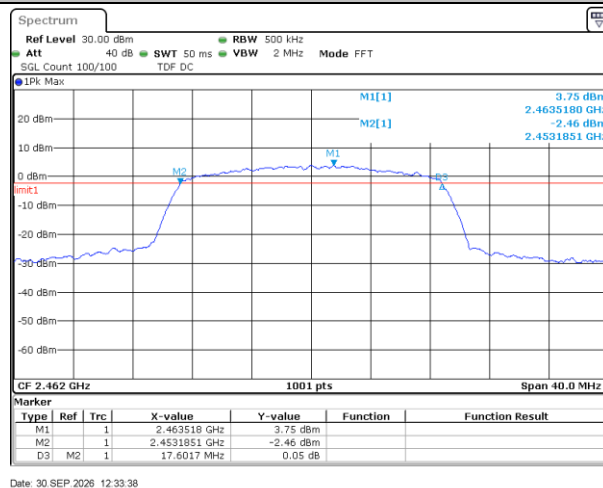
NTNV_802.11n(20M)_2412_MCS0_ANT1



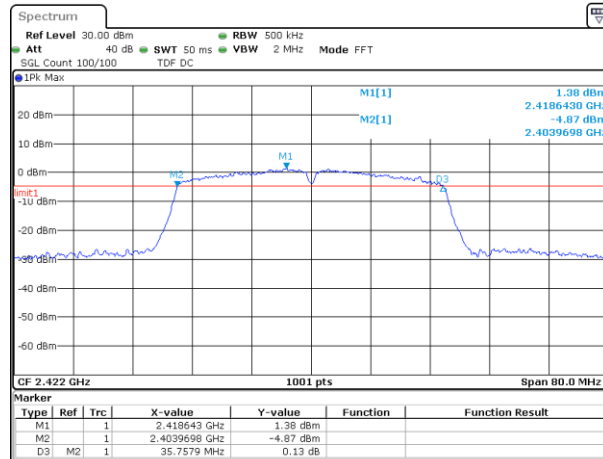
NTNV_802.11n(20M)_2437_MCS0_ANT1



NTNV_802.11n(20M)_2462_MCS0_ANT1

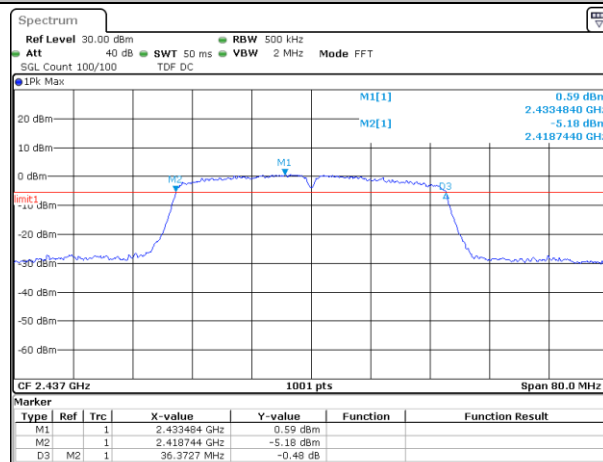


NTNV_802.11n(40M)_2422_MCS0_ANT1



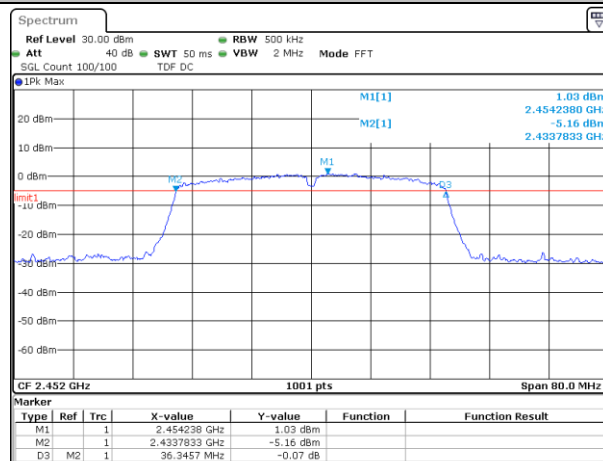
Date: 30 SEP 2026 12:36:22

NTNV_802.11n(40M)_2437_MCS0_ANT1



Date: 30 SEP 2026 12:46:54

NTNV_802.11n(40M)_2452_MCS0_ANT1



Date: 30 SEP 2026 12:56:12

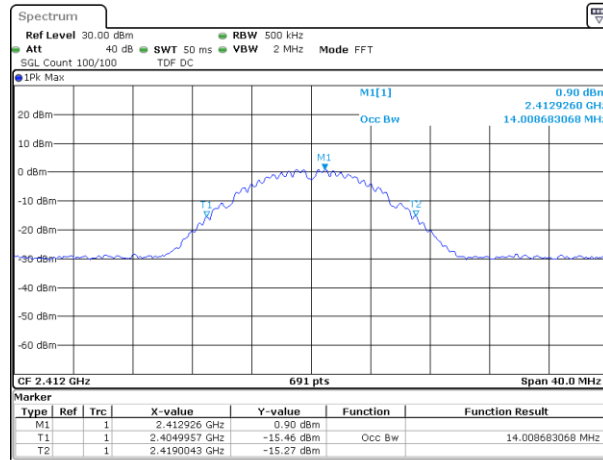
Appendix B: Occupied Channel Bandwidth

Test Result

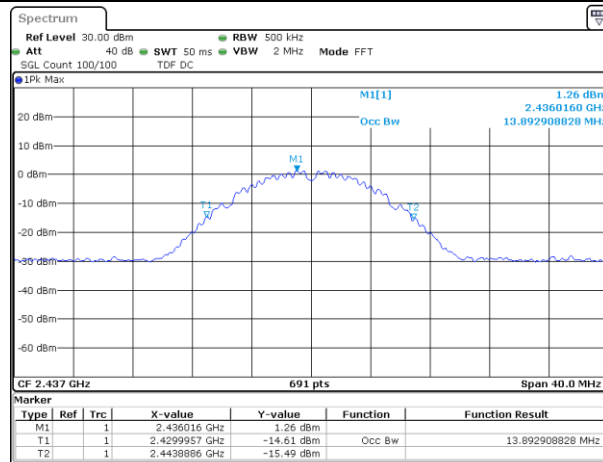
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	99% OBW (MHz)	Limit (MHz)	FL (MHz)	FH (MHz)	Verdict
1	NTNV	802.11b(20M)	2412	1Mbps	ANT1	14.01	≥ 0.5	2405.00	2419.00	Pass
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	13.89	≥ 0.5	2430.00	2444.00	Pass
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	13.84	≥ 0.5	2455.00	2469.00	Pass
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	17.42	≥ 0.5	2403.00	2421.00	Pass
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	17.42	≥ 0.5	2428.00	2446.00	Pass
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	17.37	≥ 0.5	2453.00	2471.00	Pass
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	18.29	≥ 0.5	2403.00	2421.00	Pass
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	18.29	≥ 0.5	2428.00	2446.00	Pass
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	18.23	≥ 0.5	2453.00	2471.00	Pass
10	NTNV	802.11n(40M)	2422	MCS0	ANT1	36.35	≥ 0.5	2404.00	2440.00	Pass
11	NTNV	802.11n(40M)	2437	MCS0	ANT1	36.47	≥ 0.5	2419.00	2455.00	Pass
12	NTNV	802.11n(40M)	2452	MCS0	ANT1	36.47	≥ 0.5	2434.00	2470.00	Pass

Test Graphs

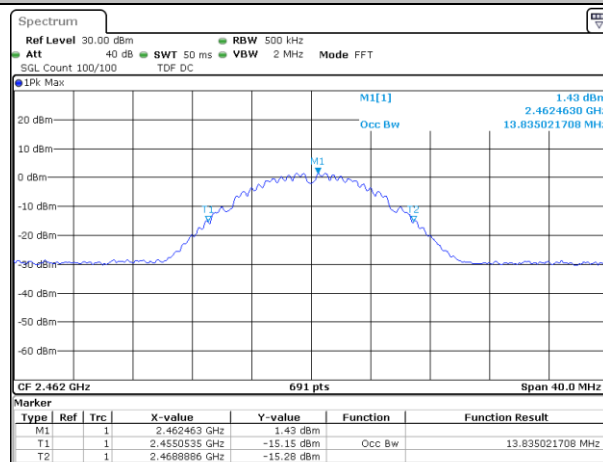
NTNV_802.11b(20M)_2412_1Mbps_ANT1



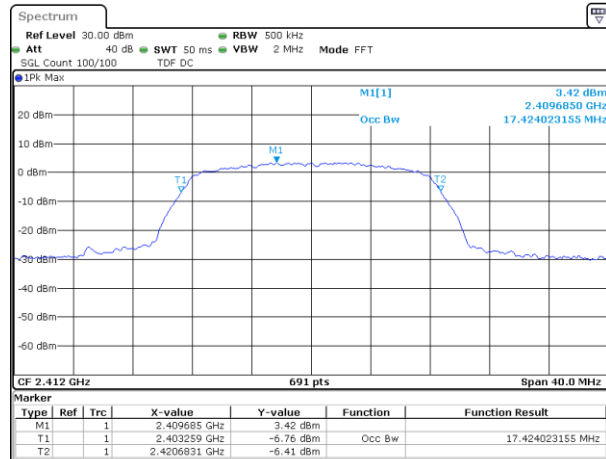
NTNV_802.11b(20M)_2437_1Mbps_ANT1



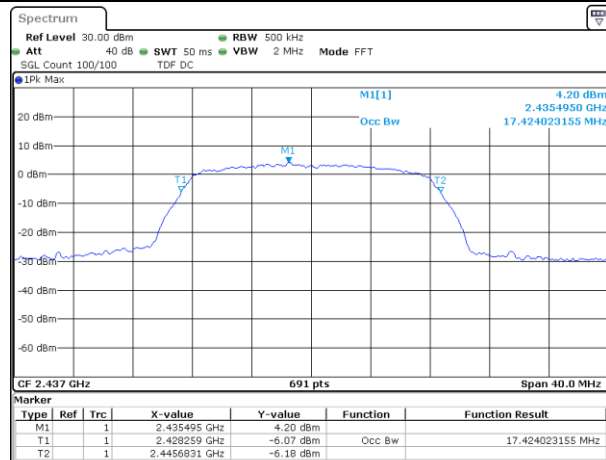
NTNV_802.11b(20M)_2462_1Mbps_ANT1



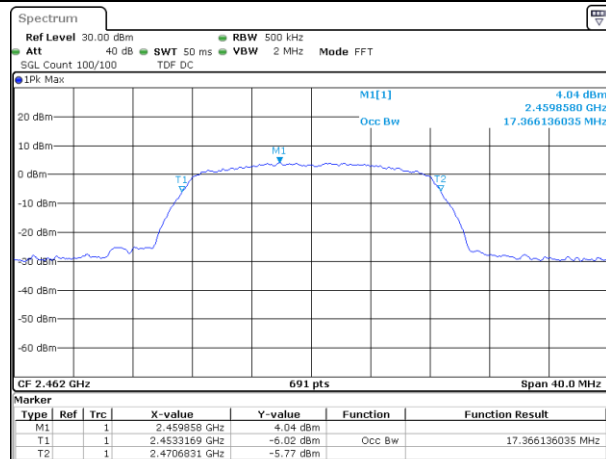
NTNV_802.11g(20M)_2412_6Mbps_ANT1



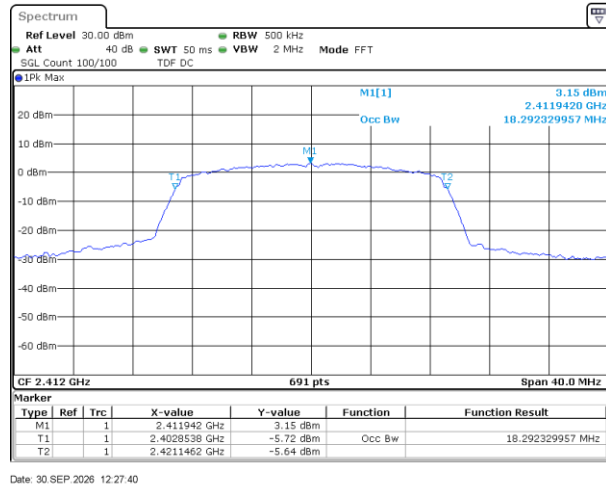
NTNV_802.11g(20M)_2437_6Mbps_ANT1



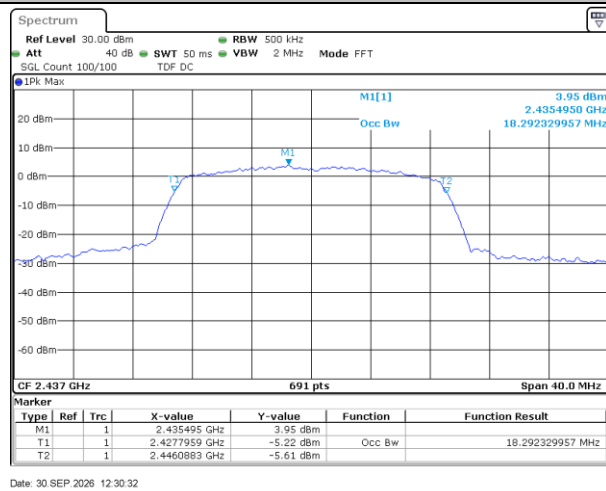
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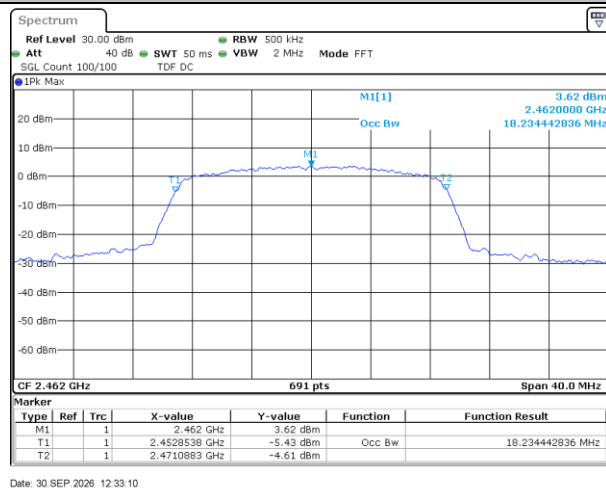
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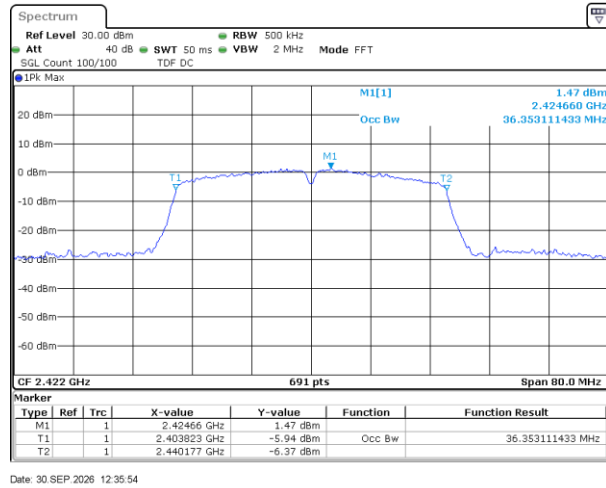
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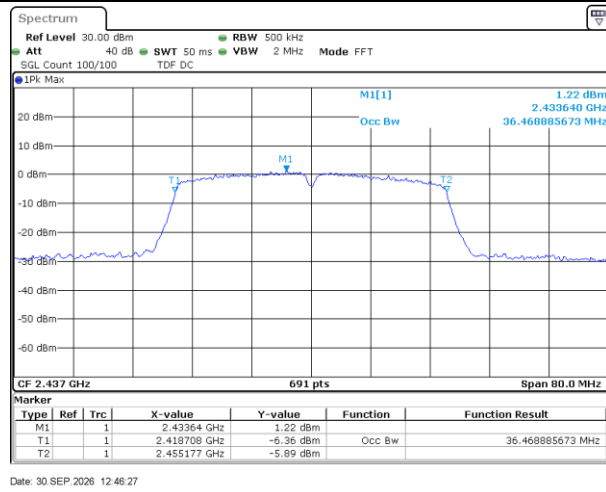
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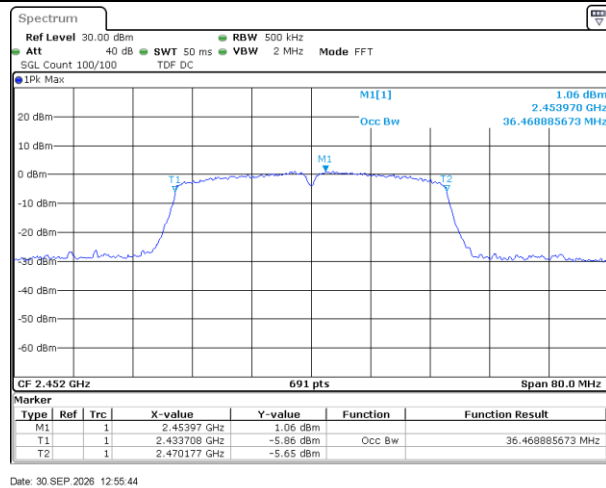
NTNV_802.11n(40M)_2422_MCS0_ANT1



NTNV_802.11n(40M)_2437_MCS0_ANT1



NTNV_802.11n(40M)_2452_MCS0_ANT1

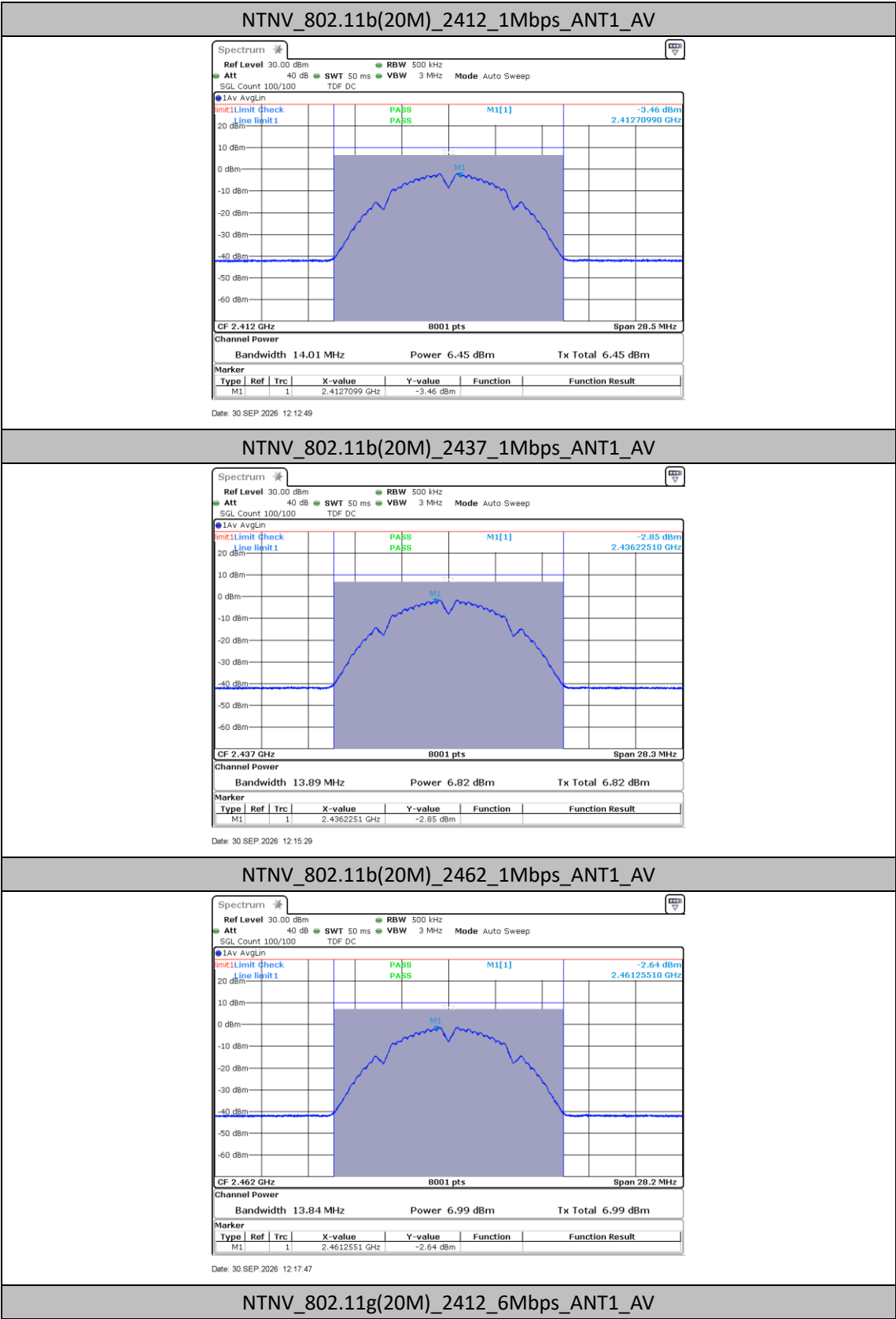


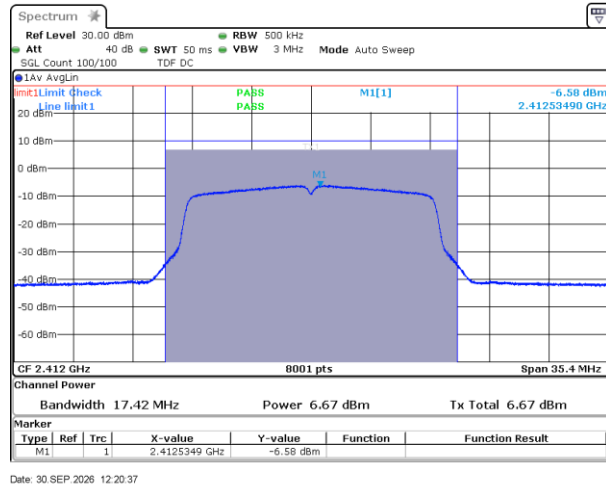
Appendix C: Maximum conducted output power

Test Result

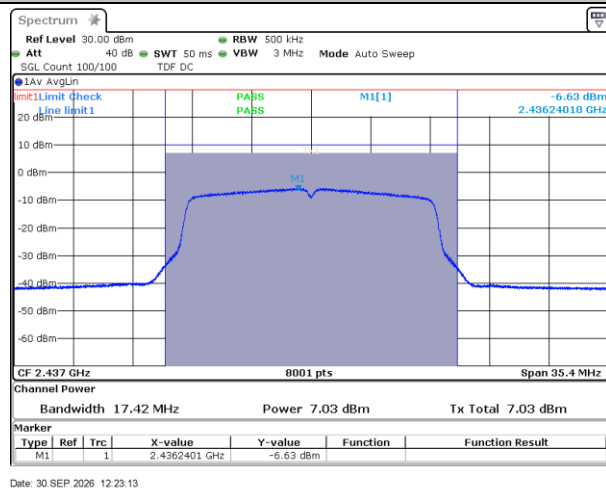
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	802.11b(20M)	2412	1Mbps	ANT1	6.45	≤30	Pass
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	6.82	≤30	Pass
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	6.99	≤30	Pass
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	6.67	≤30	Pass
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	7.03	≤30	Pass
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	7.20	≤30	Pass
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	6.71	≤30	Pass
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	7.09	≤30	Pass
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	7.25	≤30	Pass
10	NTNV	802.11n(40M)	2422	MCS0	ANT1	7.05	≤30	Pass
11	NTNV	802.11n(40M)	2437	MCS0	ANT1	7.04	≤30	Pass
12	NTNV	802.11n(40M)	2452	MCS0	ANT1	7.35	≤30	Pass

Test Graphs

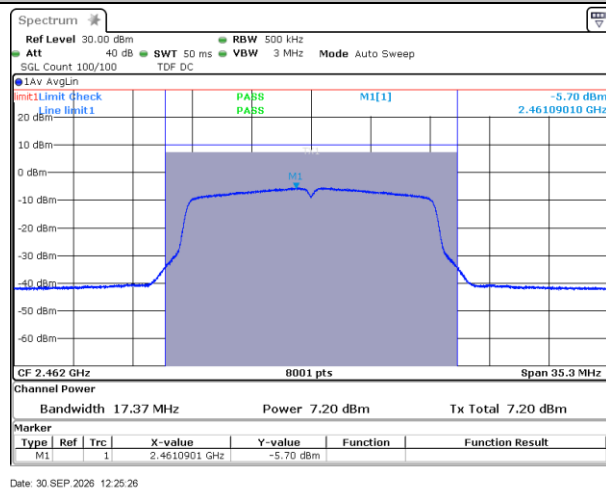




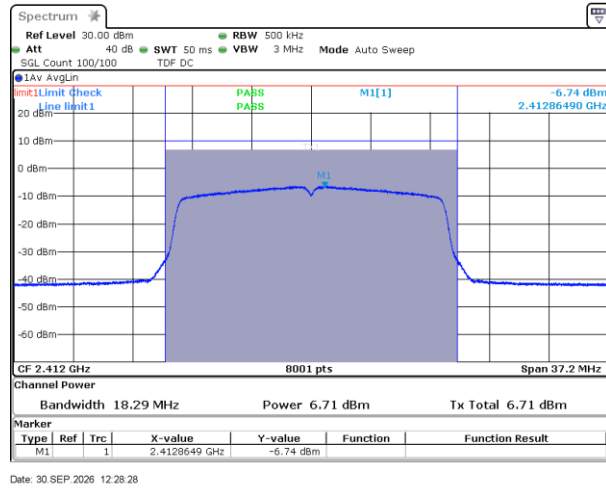
NTNV_802.11g(20M)_2437_6Mbps_ANT1_AV



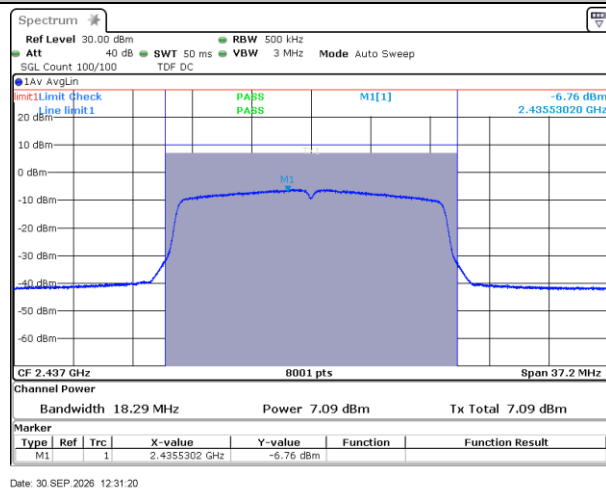
NTNV_802.11g(20M)_2462_6Mbps_ANT1_AV



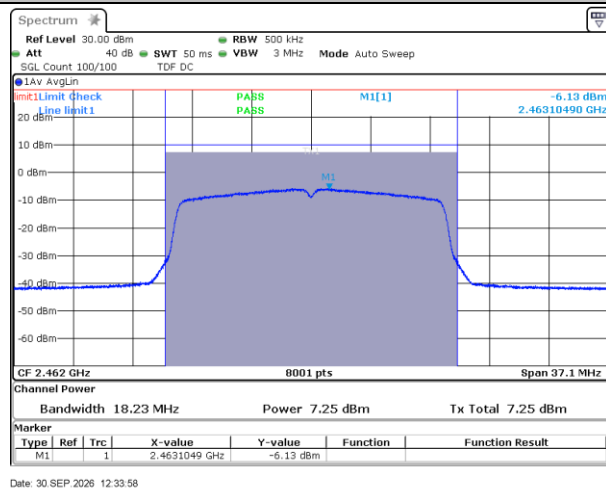
NTNV_802.11n(20M)_2412_MCS0_ANT1_AV



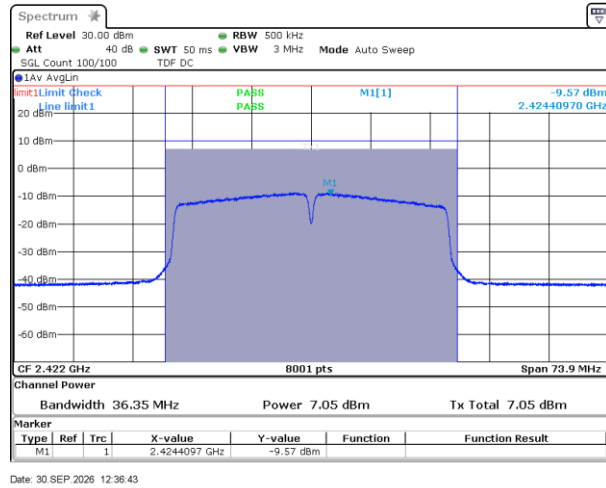
NTNV_802.11n(20M)_2437_MCS0_ANT1_AV



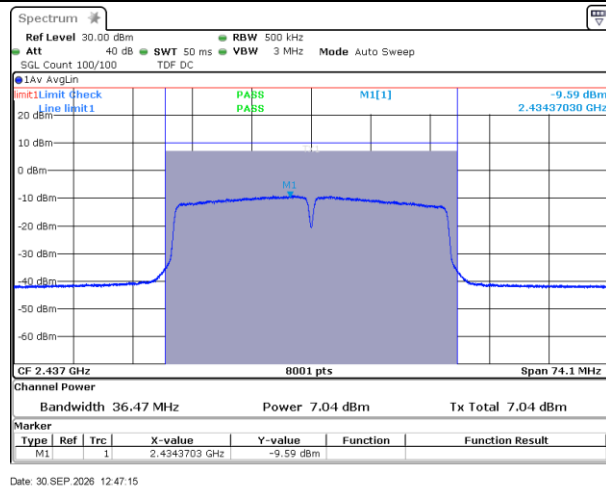
NTNV_802.11n(20M)_2462_MCS0_ANT1_AV



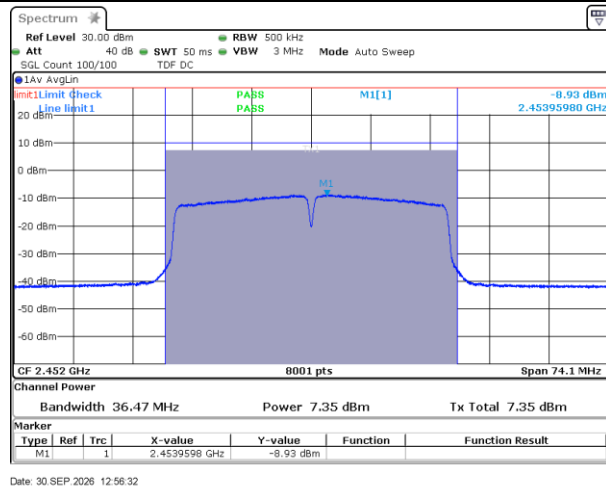
NTNV_802.11n(40M)_2422_MCS0_ANT1_AV



NTNV_802.11n(40M)_2437_MCS0_ANT1_AV



NTNV_802.11n(40M)_2452_MCS0_ANT1_AV



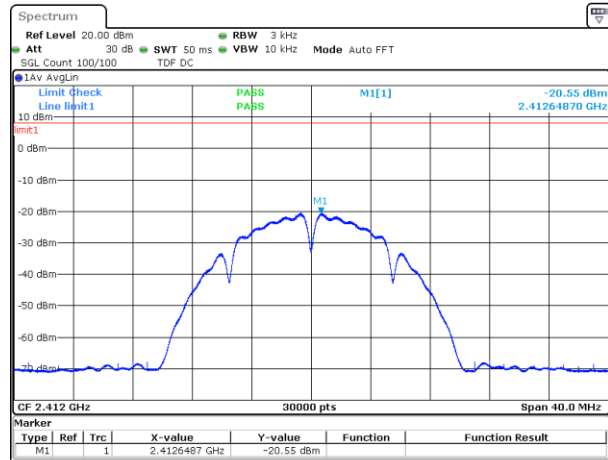
Appendix D: Maximum power spectral density

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
1	NTNV	802.11b(20M)	2412	1Mbps	ANT1	-20.55	≤ 8	Pass
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	-20.25	≤ 8	Pass
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	-20.12	≤ 8	Pass
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	-20.43	≤ 8	Pass
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	-21.92	≤ 8	Pass
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	-21.65	≤ 8	Pass
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	-20.93	≤ 8	Pass
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	-21.72	≤ 8	Pass
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	-21.45	≤ 8	Pass
10	NTNV	802.11n(40M)	2422	MCS0	ANT1	-22.17	≤ 8	Pass
11	NTNV	802.11n(40M)	2437	MCS0	ANT1	-22.20	≤ 8	Pass
12	NTNV	802.11n(40M)	2452	MCS0	ANT1	-22.04	≤ 8	Pass

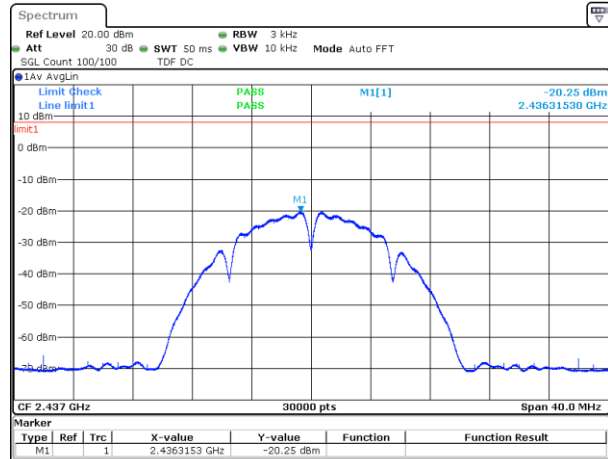
Test Graphs

NTNV_802.11b(20M)_2412_1Mbps_ANT1



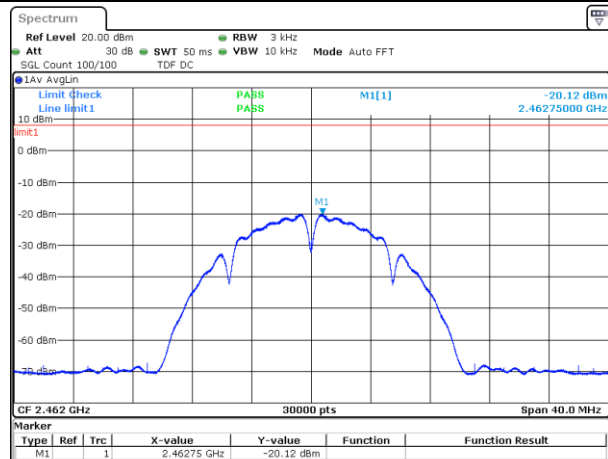
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NTNV_802.11b(20M)_2437_1Mbps_ANT1



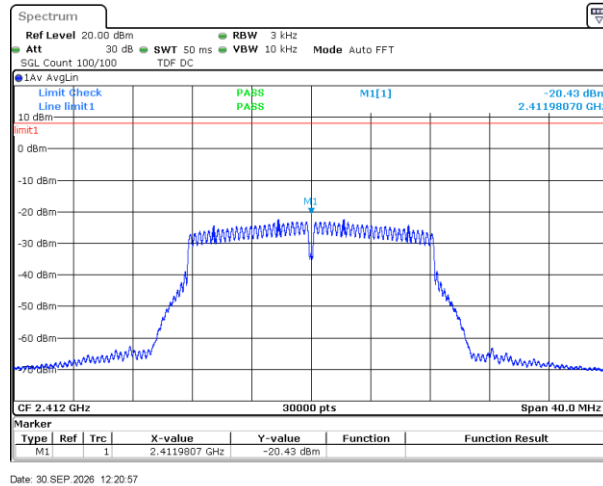
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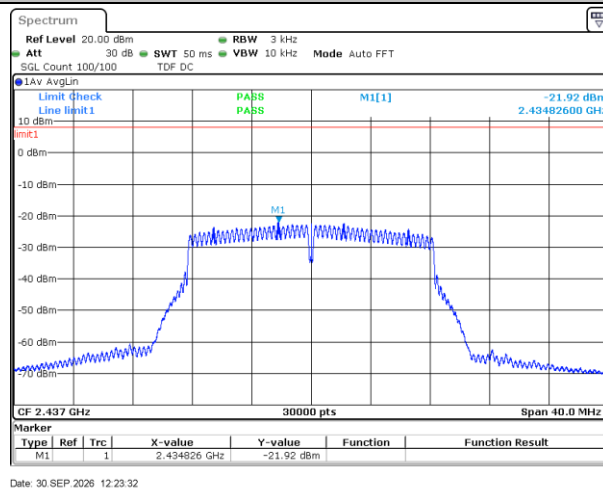


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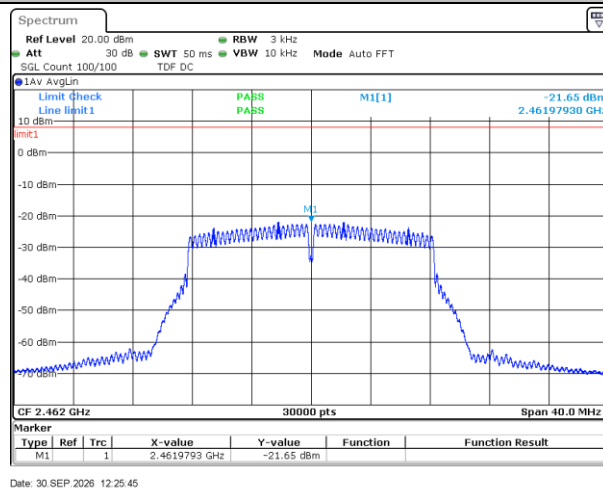
NTNV_802.11g(20M)_2412_6Mbps_ANT1



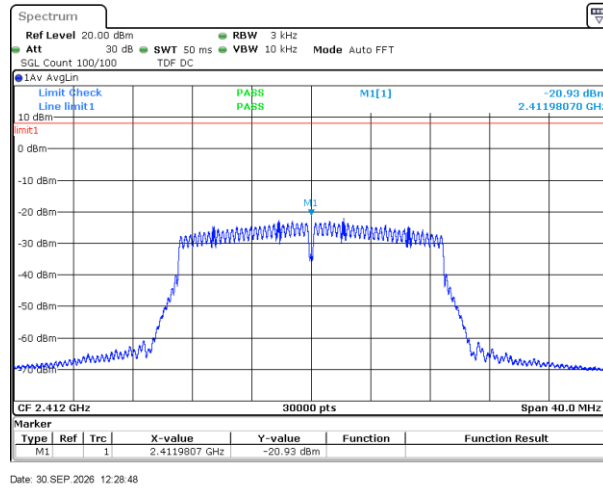
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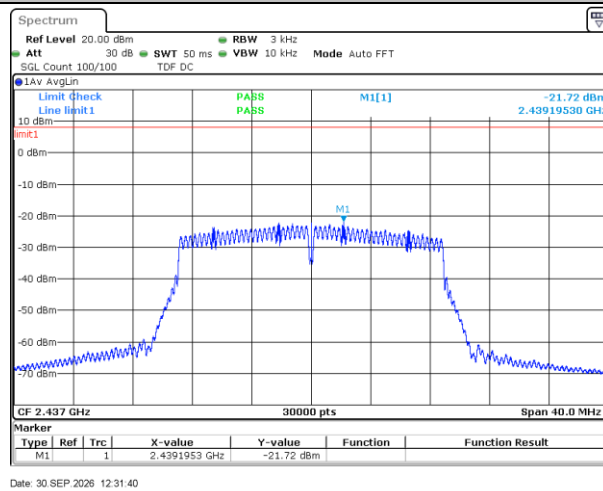
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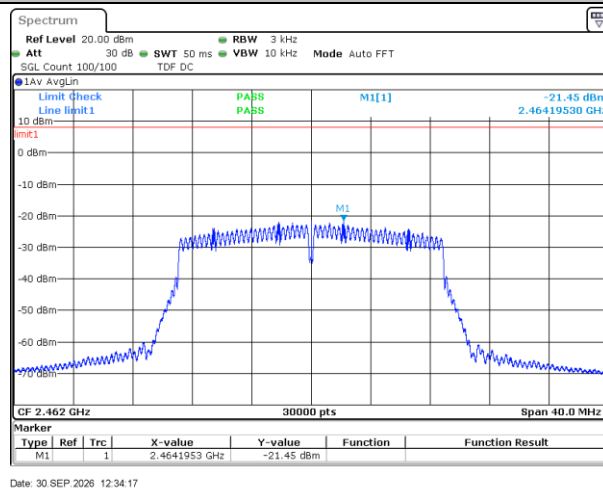
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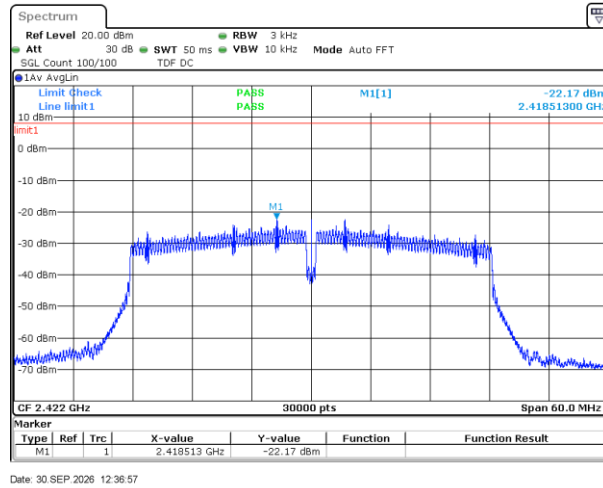
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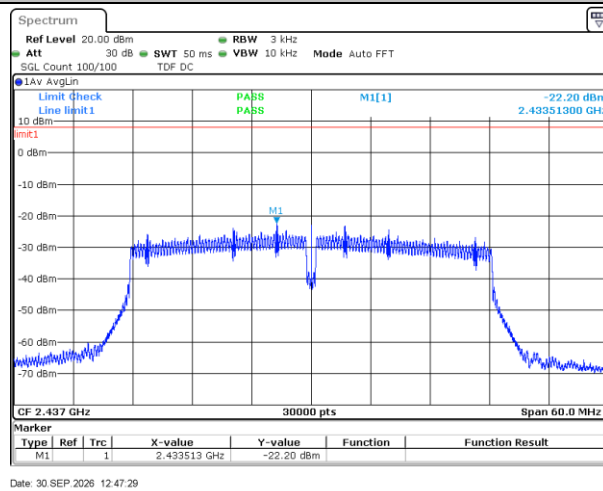
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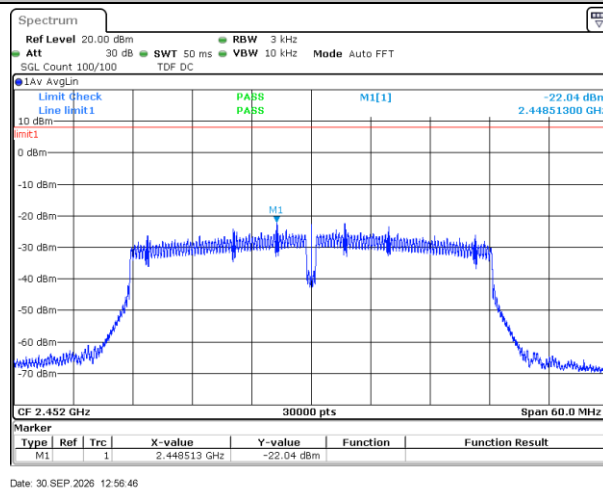
NTNV_802.11n(40M)_2422_MCS0_ANT1



NTNV_802.11n(40M)_2437_MCS0_ANT1



NTNV_802.11n(40M)_2452_MCS0_ANT1



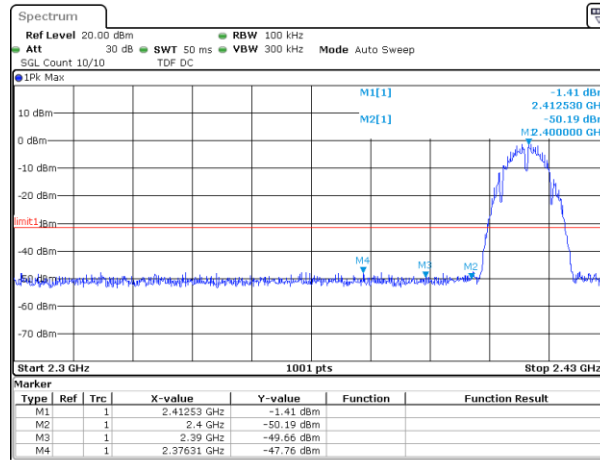
Appendix E: Band edge measurements

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Reference (dBm)	Emission Level (dBm)	Limit (dBm)	Verdict
1	NTNV	802.11b(20M)	2412	1Mbps	ANT1	-1.41	-47.76	≤ -31.41	Pass
2	NTNV	802.11b(20M)	2462	1Mbps	ANT1	0.8	-47.89	≤ -29.2	Pass
3	NTNV	802.11g(20M)	2412	6Mbps	ANT1	-3.49	-38.95	≤ -33.49	Pass
4	NTNV	802.11g(20M)	2462	6Mbps	ANT1	-1.69	-46.33	≤ -31.69	Pass
5	NTNV	802.11n(20M)	2412	MCS0	ANT1	-3.04	-41.18	≤ -33.04	Pass
6	NTNV	802.11n(20M)	2462	MCS0	ANT1	-3.05	-45.92	≤ -33.05	Pass
7	NTNV	802.11n(40M)	2422	MCS0	ANT1	-4.75	-40.80	≤ -34.75	Pass
8	NTNV	802.11n(40M)	2452	MCS0	ANT1	-4.44	-44.25	≤ -34.44	Pass

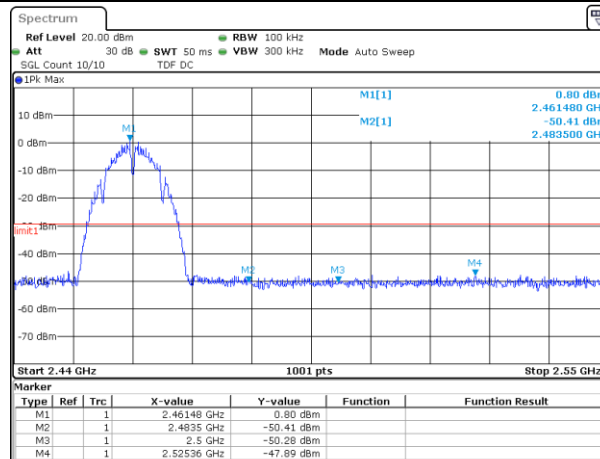
Test Graphs

NTNV_802.11b(20M)_2412_1Mbps_ANT1



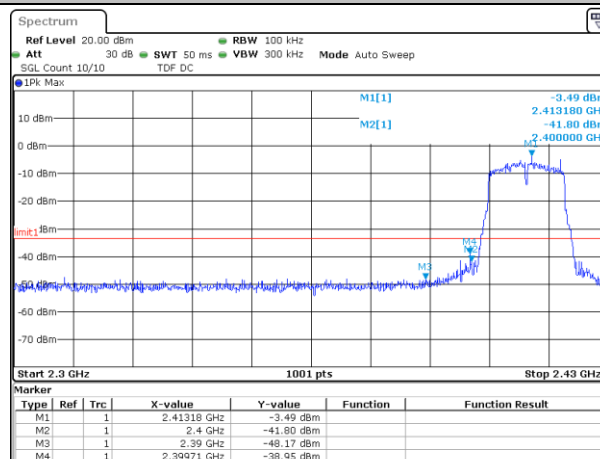
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NTNV_802.11b(20M)_2462_1Mbps_ANT1



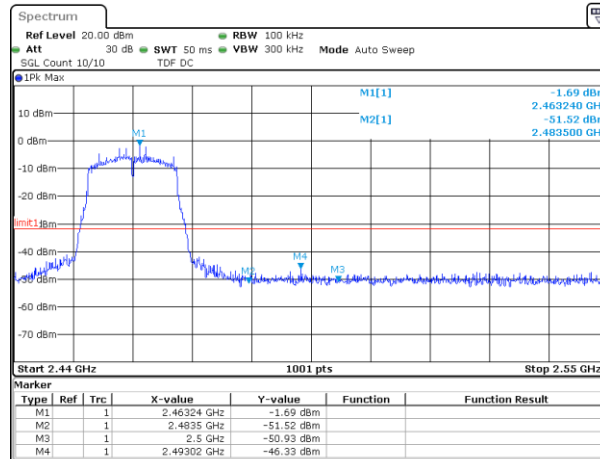
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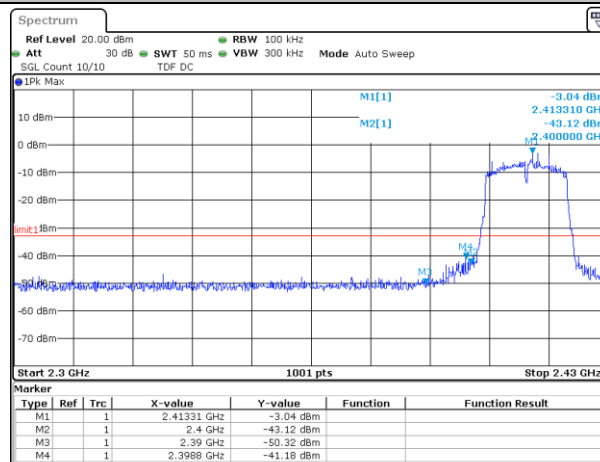
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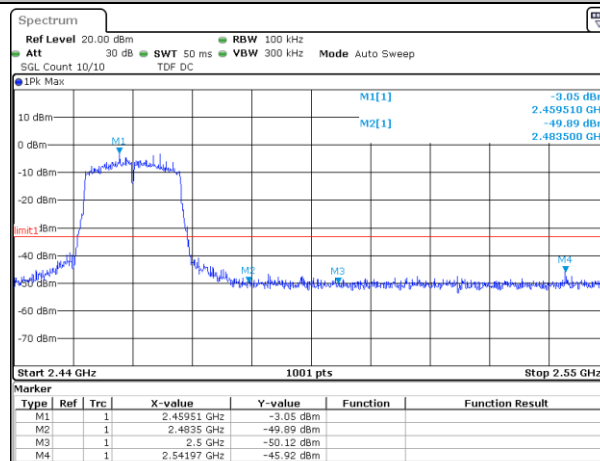
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NTNV_802.11n(20M)_2412_MCS0_ANT1



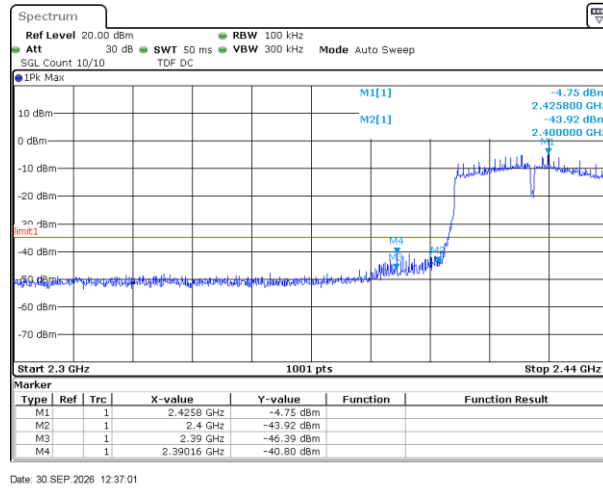
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NTNV_802.11n(20M)_2462_MCS0_ANT1

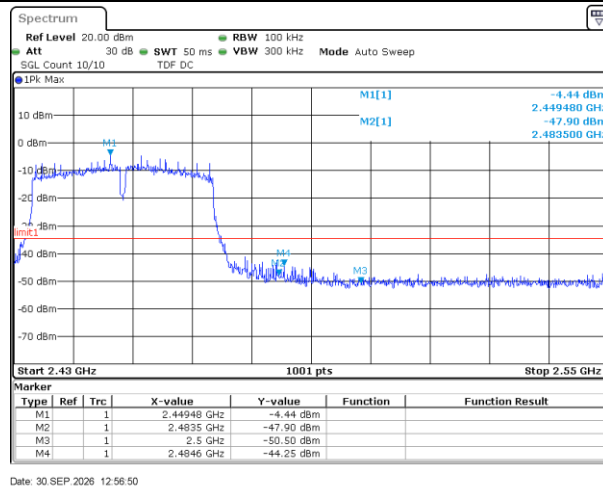


Date: 30 SEP 2026 12:34:21

NTNV_802.11n(40M)_2422_MCS0_ANT1



NTNV_802.11n(40M)_2452_MCS0_ANT1



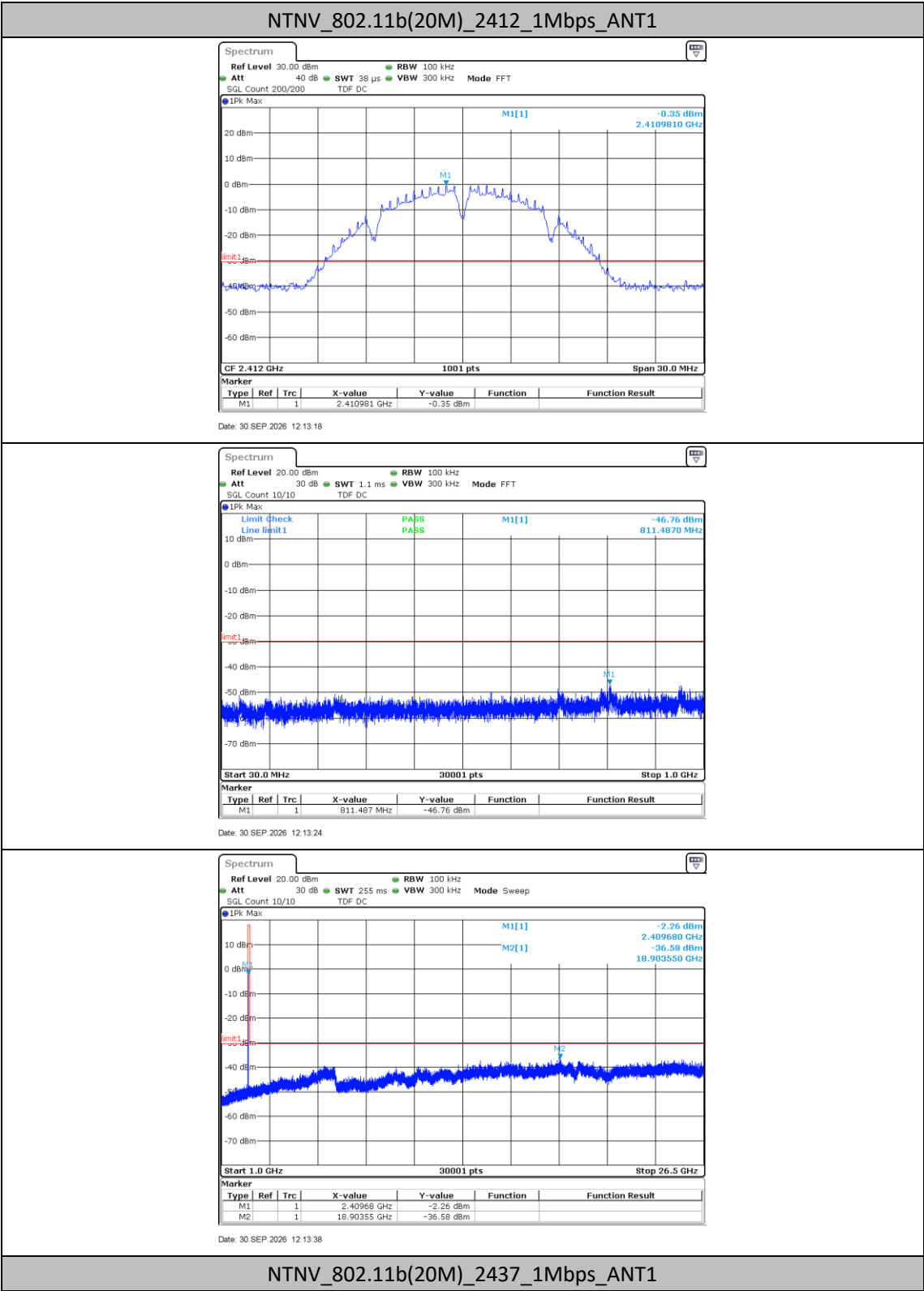
Appendix F: Conducted Spurious Emission

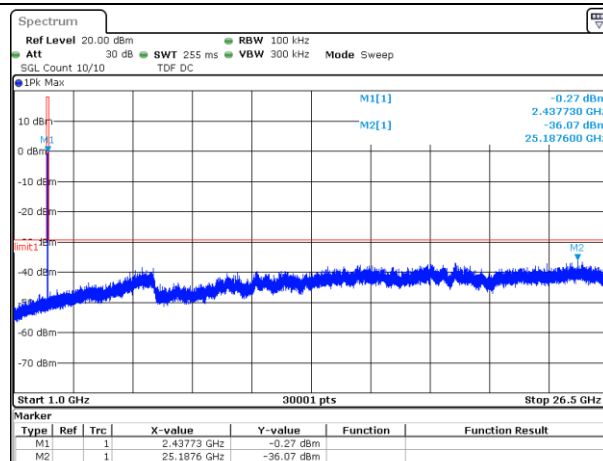
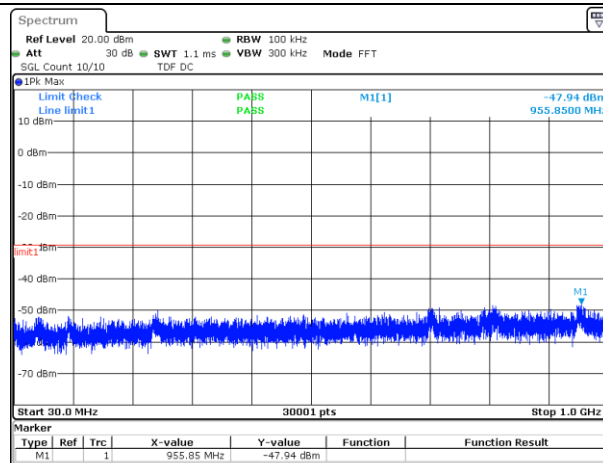
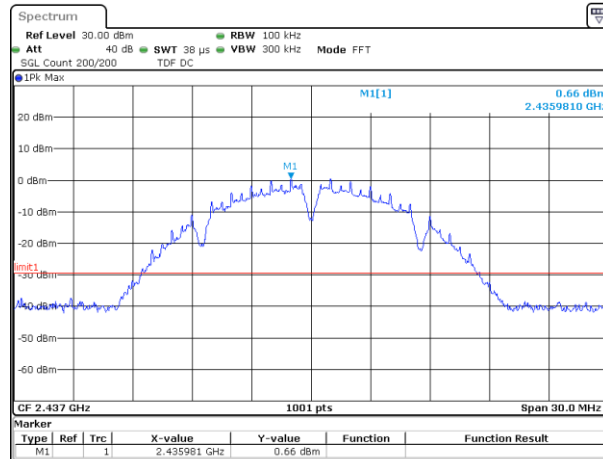
Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	802.11b(20M)	2412	1Mbps	ANT1	Reference	0.1	-0.35	/	PASS
						30~1000	0.1	-46.76	≤-30.35	Pass
						1000~26500	0.1	-36.58	≤-30.35	Pass
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	Reference	0.1	0.66	/	PASS
						30~1000	0.1	-47.94	≤-29.34	Pass
						1000~26500	0.1	-36.07	≤-29.34	Pass
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	Reference	0.1	-0.15	/	PASS
						30~1000	0.1	-47.89	≤-30.15	Pass
						1000~26500	0.1	-36.28	≤-30.15	Pass
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	Reference	0.1	-4.78	/	PASS
						30~1000	0.1	-47.37	≤-34.78	Pass
						1000~26500	0.1	-37.08	≤-34.78	Pass
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	Reference	0.1	-4.53	/	PASS
						30~1000	0.1	-47.88	≤-34.53	Pass
						1000~26500	0.1	-36.66	≤-34.53	Pass
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	Reference	0.1	-4.02	/	PASS
						30~1000	0.1	-47.18	≤-34.02	Pass
						1000~26500	0.1	-36.47	≤-34.02	Pass
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	Reference	0.1	-2.6	/	PASS
						30~1000	0.1	-47.59	≤-32.60	Pass
						1000~26500	0.1	-36.45	≤-32.60	Pass
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	Reference	0.1	-4.58	/	PASS
						30~1000	0.1	-48.04	≤-34.58	Pass
						1000~26500	0.1	-36.87	≤-34.58	Pass
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	Reference	0.1	-2.24	/	PASS

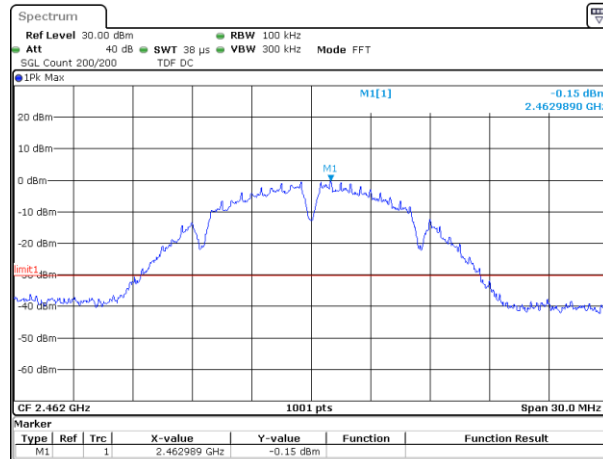
						30~1000	0.1	-47.15	≤ -32.24	Pass
						1000~26500	0.1	-36.10	≤ -32.24	Pass
10	NTNV	802.11n(40M)	2422	MCS0	ANT1	Reference	0.1	-3.91	/	PASS
						30~1000	0.1	-45.49	≤ -33.91	Pass
						1000~26500	0.1	-37.15	≤ -33.91	Pass
11	NTNV	802.11n(40M)	2437	MCS0	ANT1	Reference	0.1	-4.34	/	PASS
						30~1000	0.1	-48.27	≤ -34.34	Pass
						1000~26500	0.1	-36.90	≤ -34.34	Pass
12	NTNV	802.11n(40M)	2452	MCS0	ANT1	Reference	0.1	-4.29	/	PASS
						30~1000	0.1	-45.95	≤ -34.29	Pass
						1000~26500	0.1	-36.97	≤ -34.29	Pass

Test Graphs

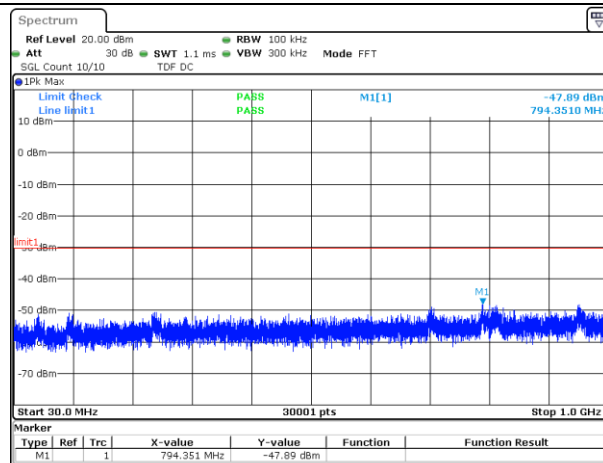




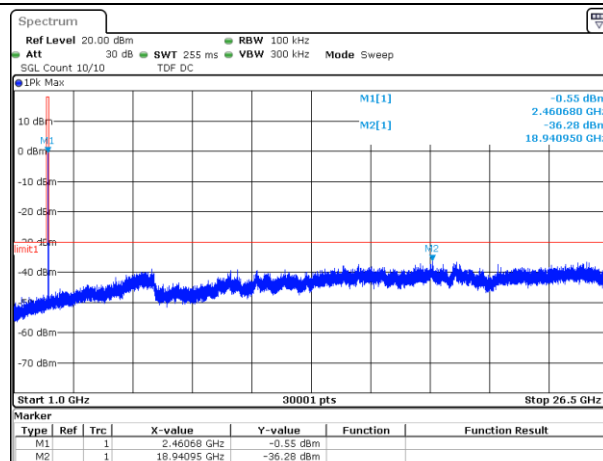
NTNV_802.11b(20M)_2462_1Mbps_ANT1



Date: 30 SEP 2026 12:18:15

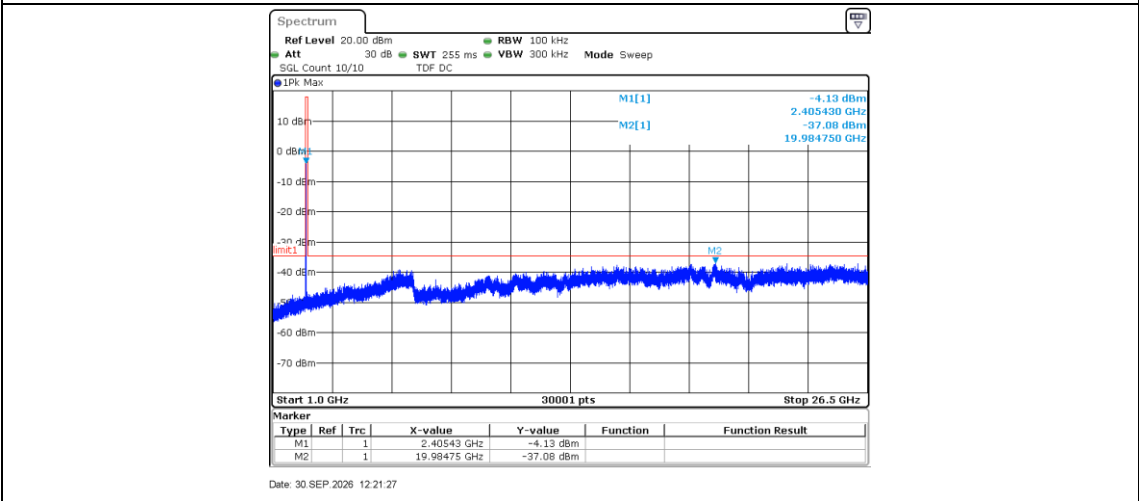
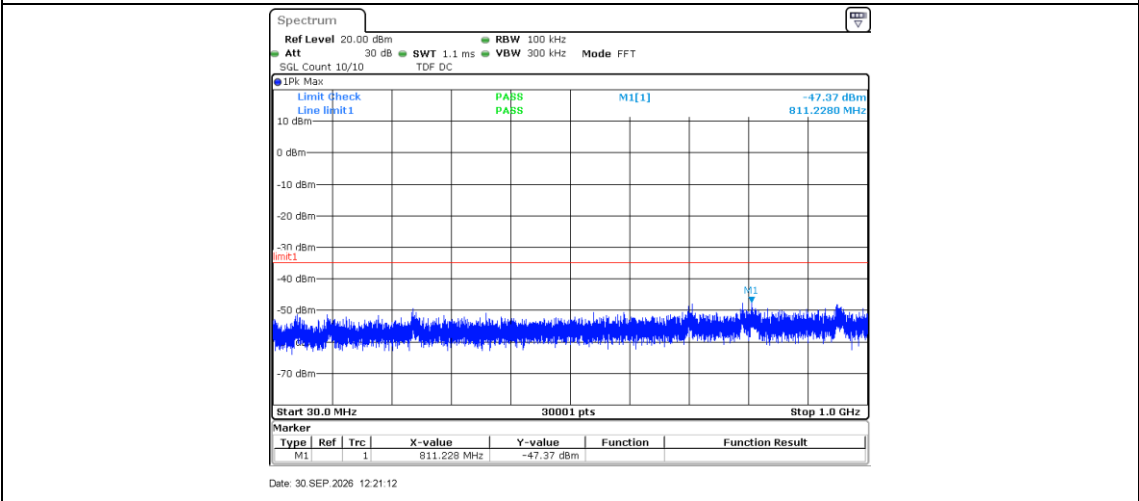
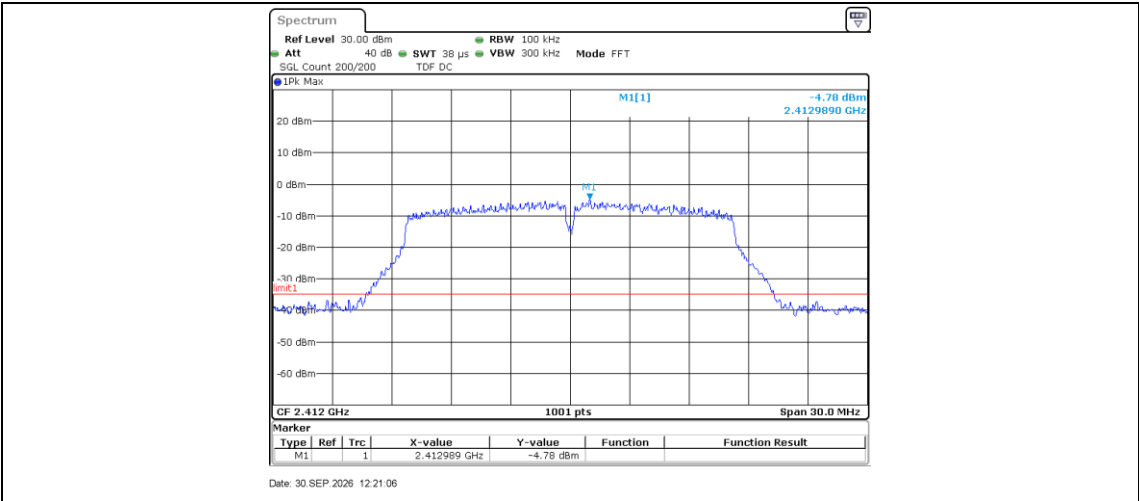


Date: 30 SEP 2026 12:18:22

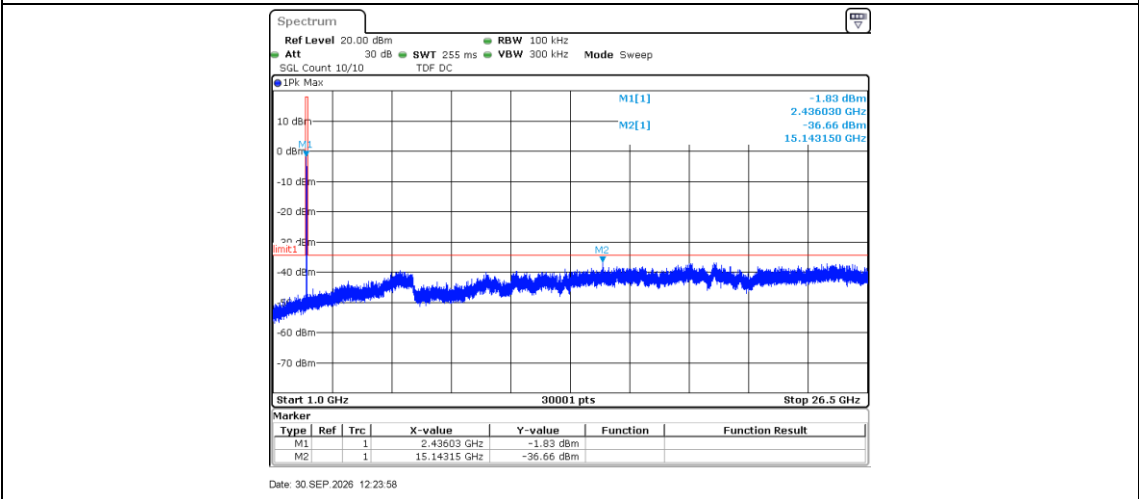
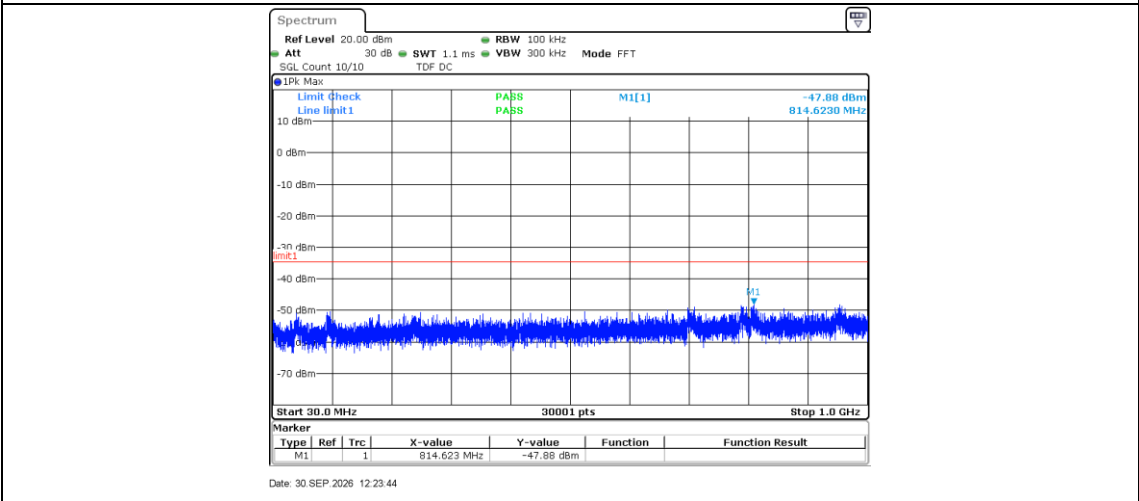
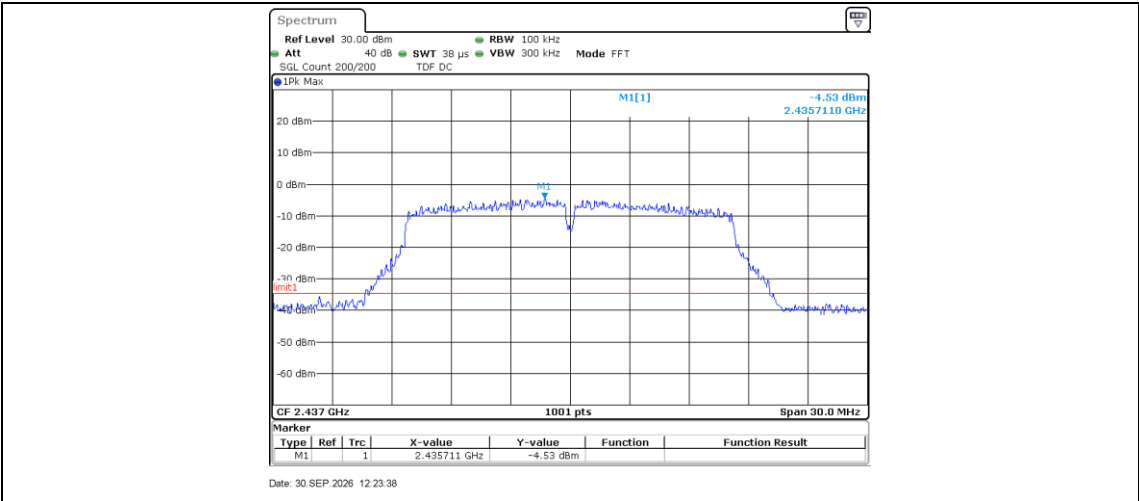


Date: 30 SEP 2026 12:18:36

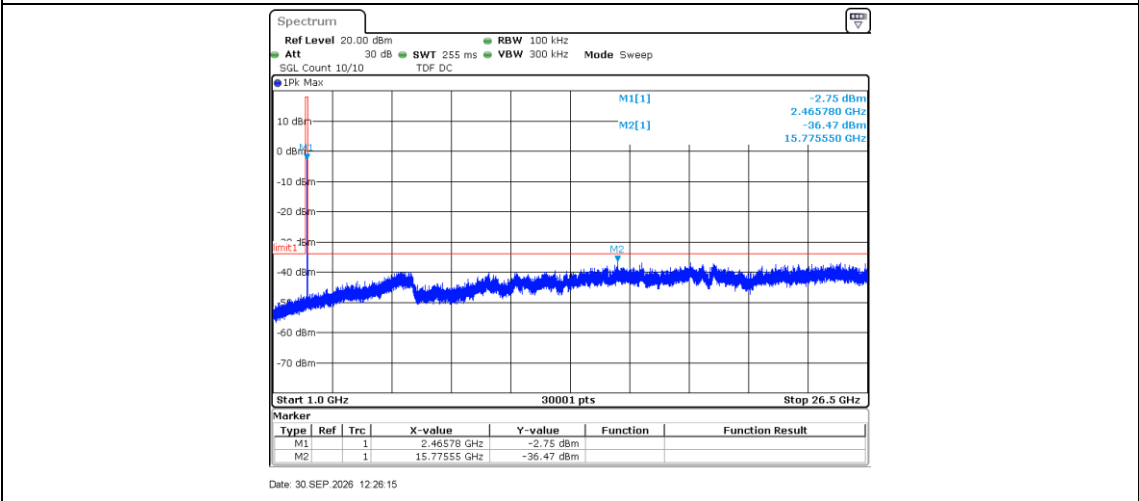
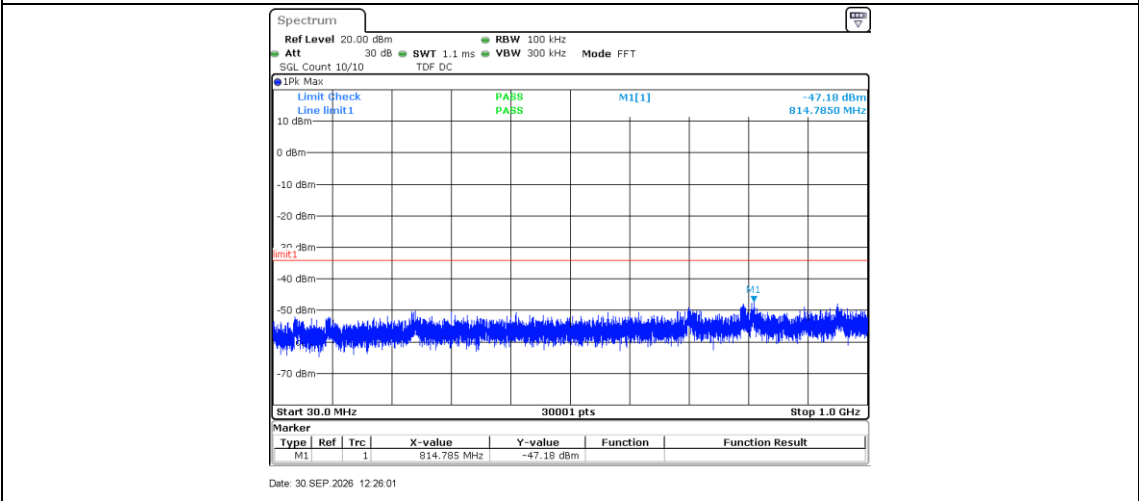
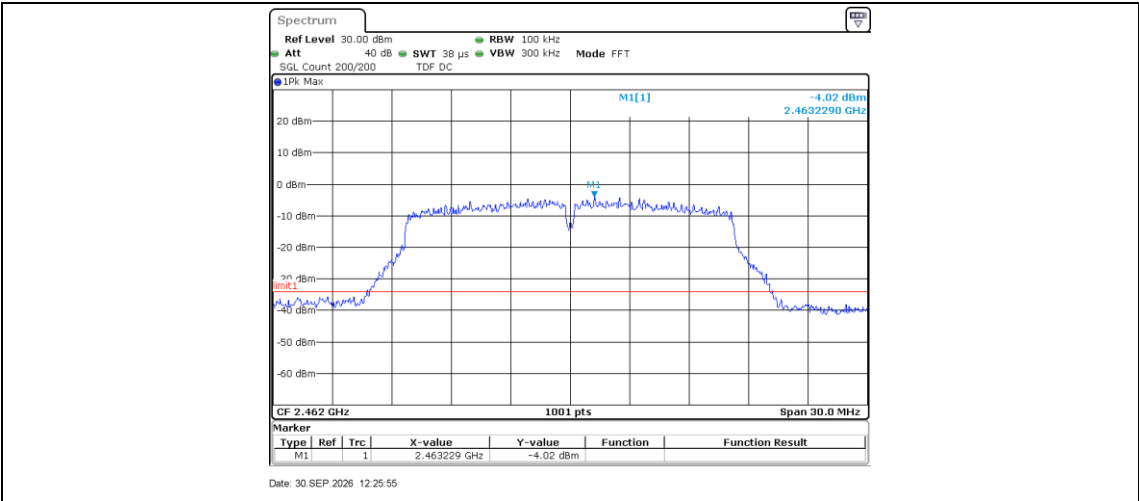
NTNV_802.11g(20M)_2412_6Mbps_ANT1



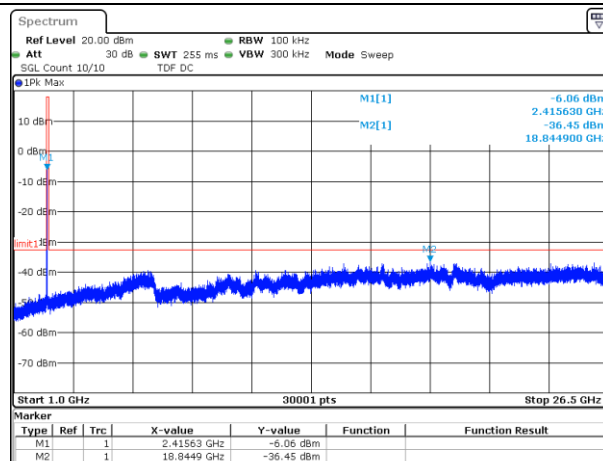
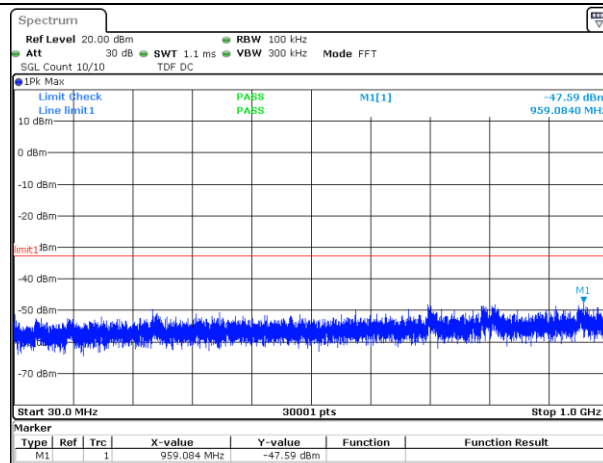
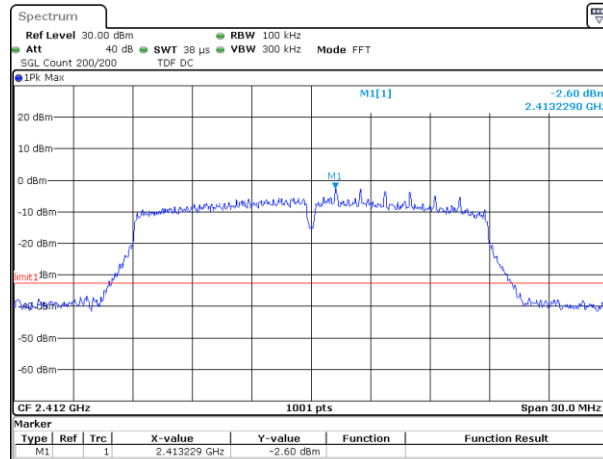
NTNV_802.11g(20M)_2437_6Mbps_ANT1



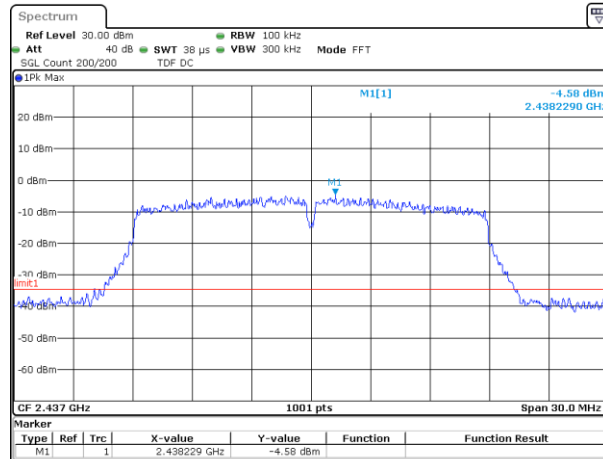
NTNV_802.11g(20M)_2462_6Mbps_ANT1



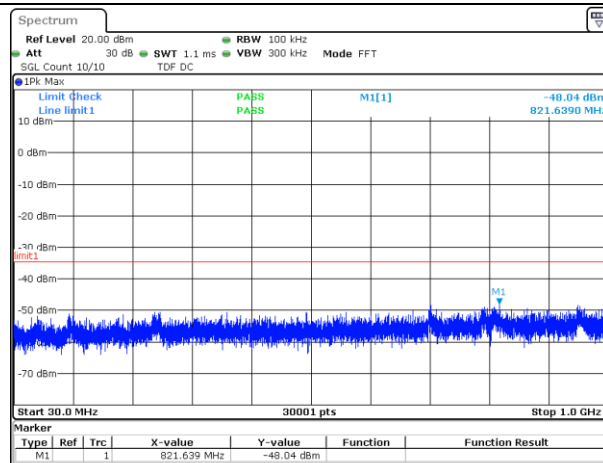
NTNV_802.11n(20M)_2412_MCS0_ANT1



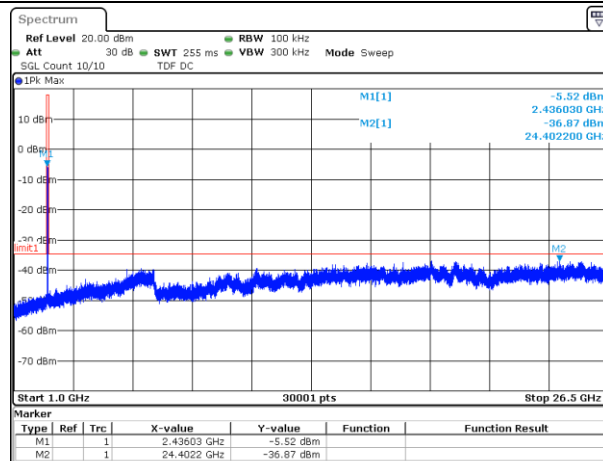
NTNV_802.11n(20M)_2437_MCS0_ANT1



Date: 30 SEP 2026 12:31:45

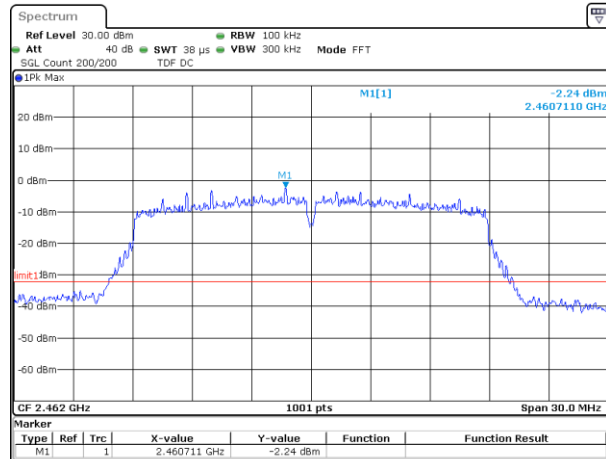


Date: 30 SEP 2026 12:31:52

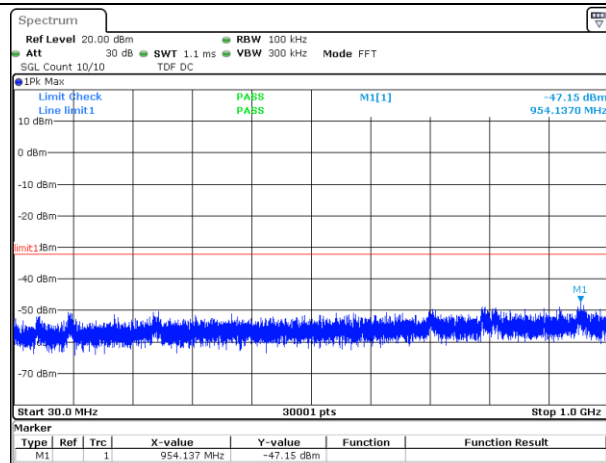


Date: 30 SEP 2026 12:32:06

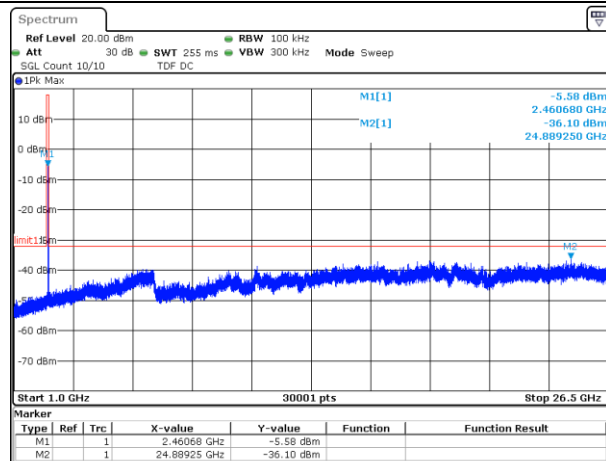
NTNV_802.11n(20M)_2462_MCS0_ANT1



Date: 30 SEP 2026 12:34:27

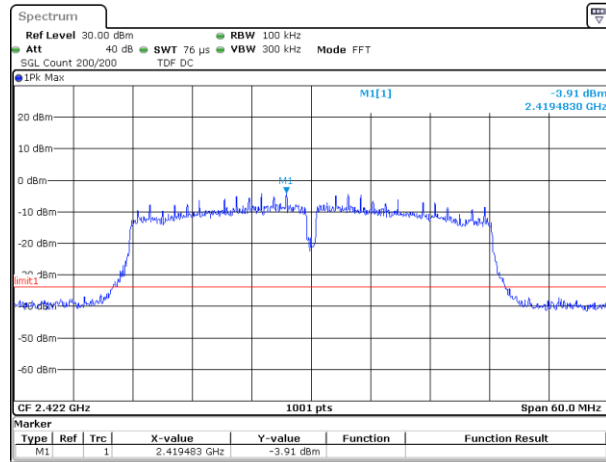


Date: 30 SEP 2026 12:34:33

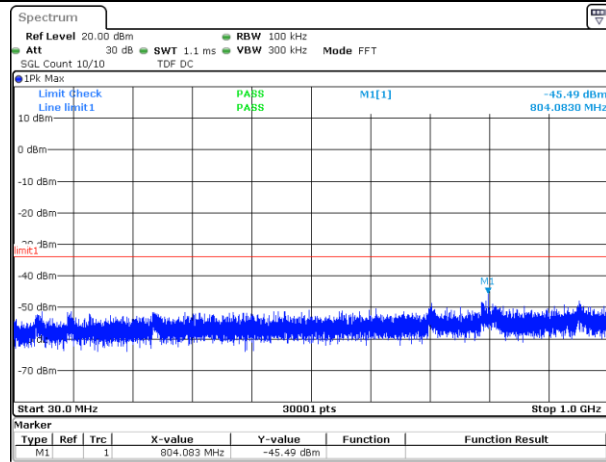


Date: 30 SEP 2026 12:34:47

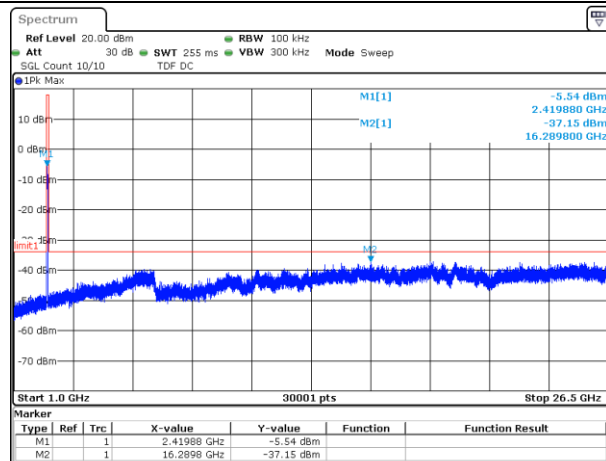
NTNV_802.11n(40M)_2422_MCS0_ANT1



Date: 30 SEP 2026 12:37:11

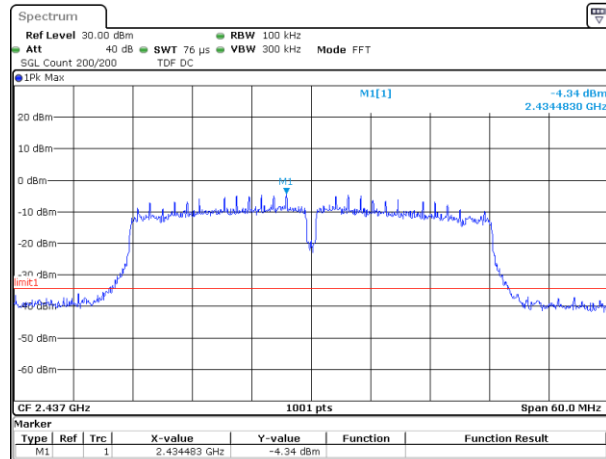


Date: 30 SEP 2026 12:37:18

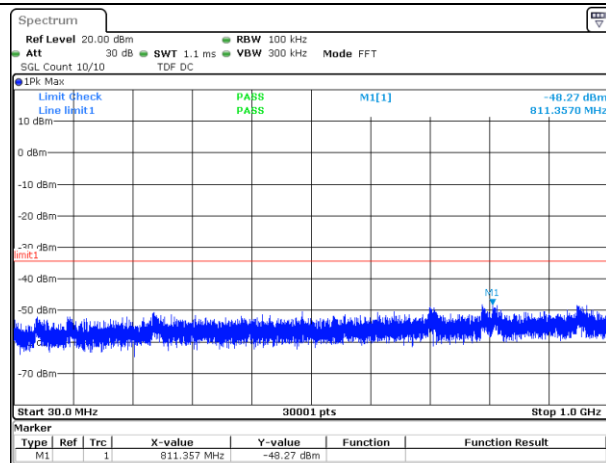


Date: 30 SEP 2026 12:37:32

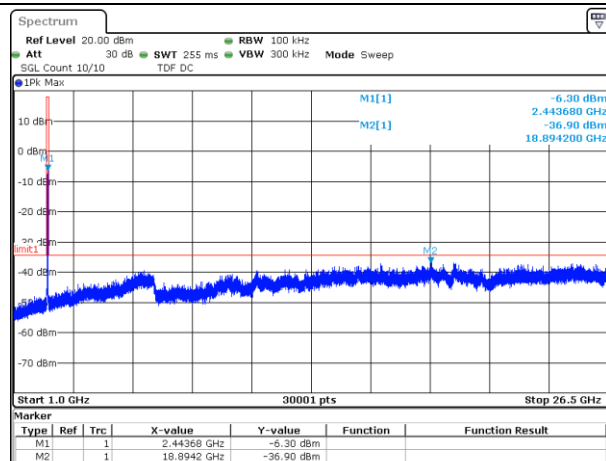
NTNV_802.11n(40M)_2437_MCS0_ANT1



Date: 30 SEP 2026 12:47:40

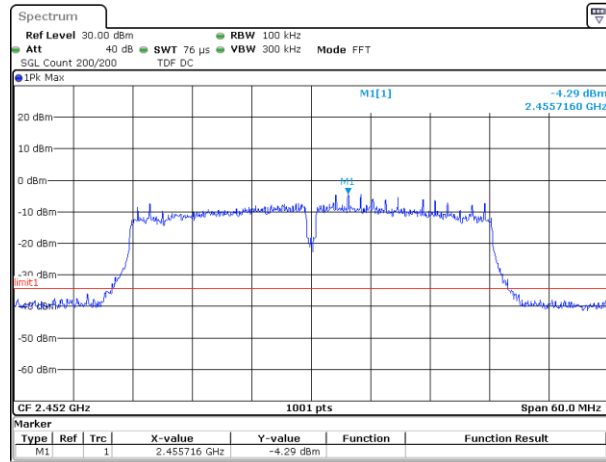


Date: 30 SEP 2026 12:47:46

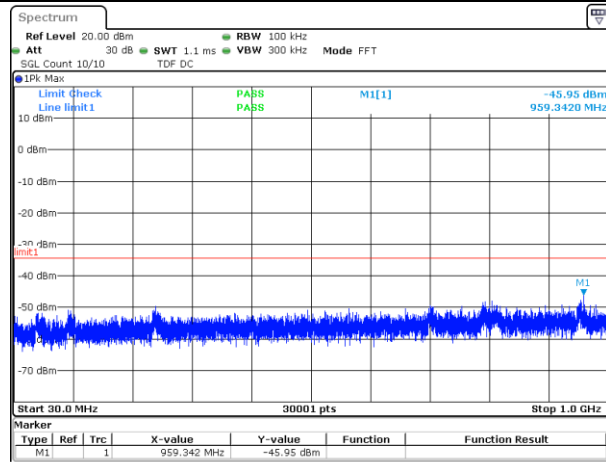


Date: 30 SEP 2026 12:48:00

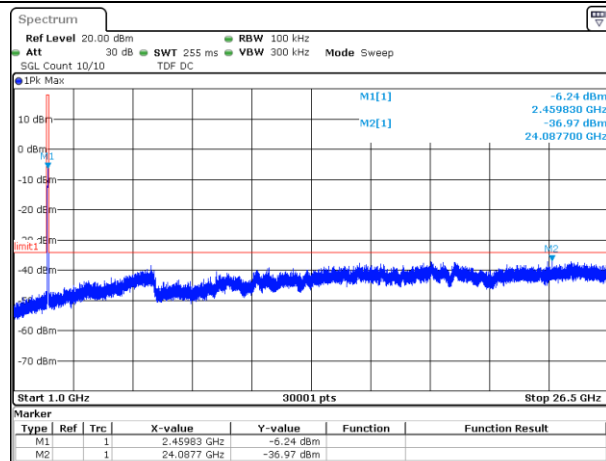
NTNV_802.11n(40M)_2452_MCS0_ANT1



Date: 30 SEP 2026 12:57:01



Date: 30 SEP 2026 12:57:07



Date: 30 SEP 2026 12:57:21

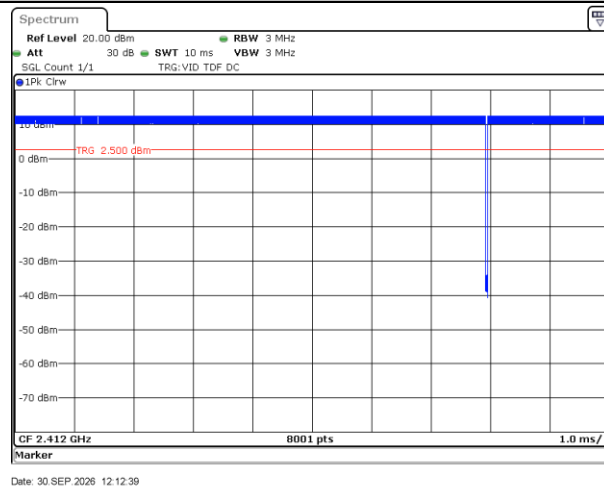
Appendix G: Duty Cycle

Test Result

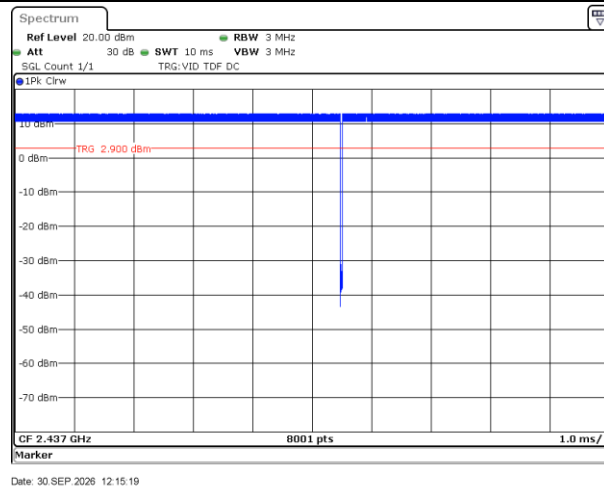
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	T_On (ms)	Period (ms)	Duty Cycle Correction Factor (dB)	Max DC Variation (%)
1	NTNV	802.11b(20M)	2412	1Mbps	ANT1	0.00	2.05	1.00	100.00
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	0.00	4.49	1.00	100.00
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	0.00	6.21	1.00	100.00
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	1.39	1.44	0.97	97.04
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	1.39	1.44	0.97	97.04
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	1.39	1.44	0.97	97.04
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	1.30	1.34	0.97	96.84
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	1.30	1.35	0.97	96.84
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	1.30	1.34	0.97	96.84
10	NTNV	802.11n(40M)	2422	MCS0	ANT1	0.65	0.69	0.94	93.86
11	NTNV	802.11n(40M)	2437	MCS0	ANT1	0.65	0.69	0.94	93.86
12	NTNV	802.11n(40M)	2452	MCS0	ANT1	0.65	0.69	0.94	93.86

Test Graphs

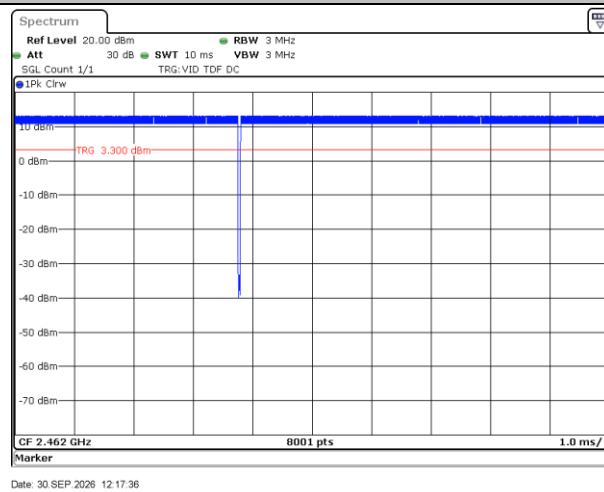
NTNV_802.11b(20M)_2412_1Mbps_ANT1



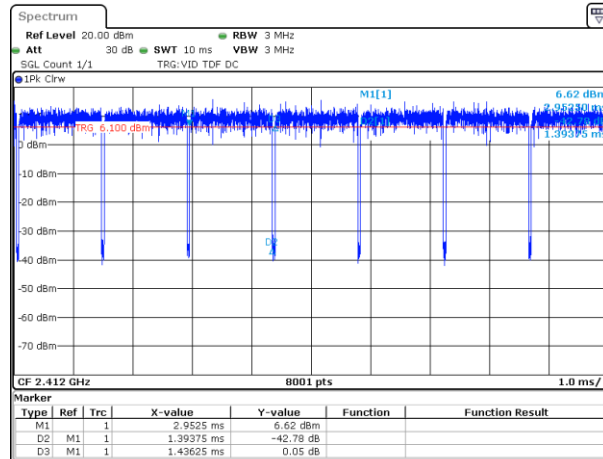
NTNV_802.11b(20M)_2437_1Mbps_ANT1



NTNV_802.11b(20M)_2462_1Mbps_ANT1

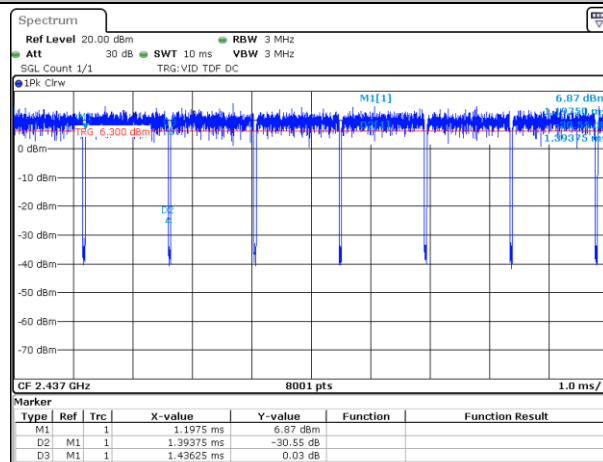


NTNV_802.11g(20M)_2412_6Mbps_ANT1



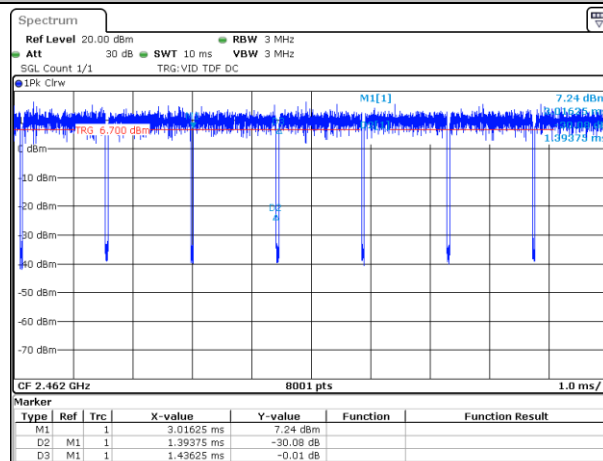
Date: 30 SEP 2026 12:20:27

NTNV_802.11g(20M)_2437_6Mbps_ANT1



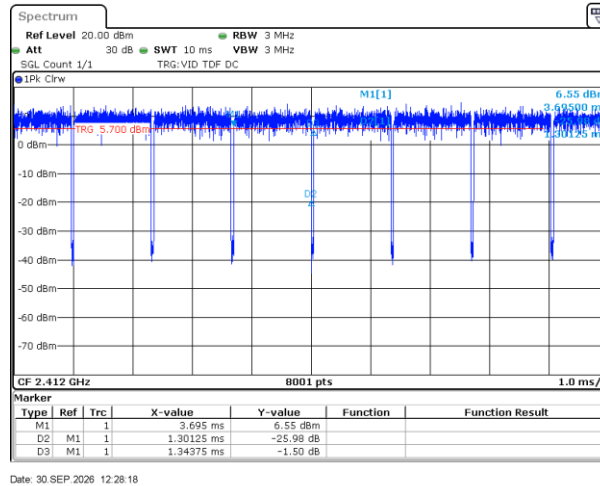
Date: 30 SEP 2026 12:23:03

NTNV_802.11g(20M)_2462_6Mbps_ANT1

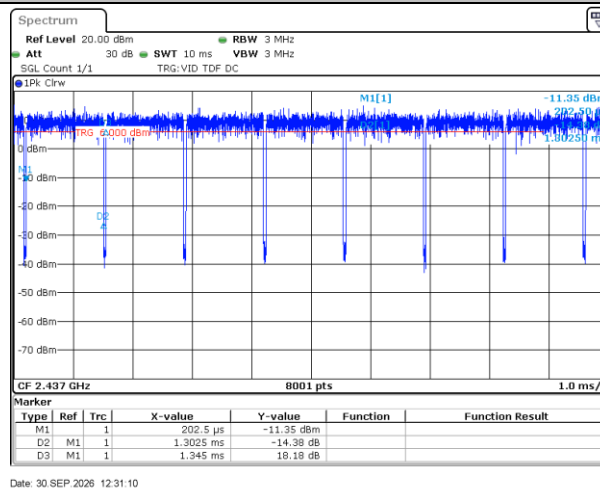


Date: 30 SEP 2026 12:25:16

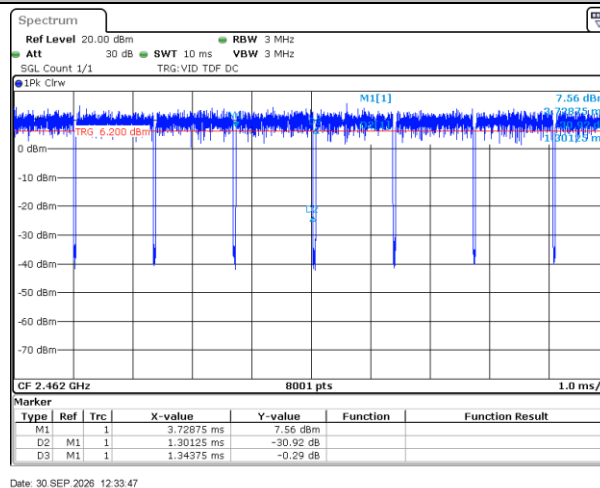
NTNV_802.11n(20M)_2412_MCS0_ANT1



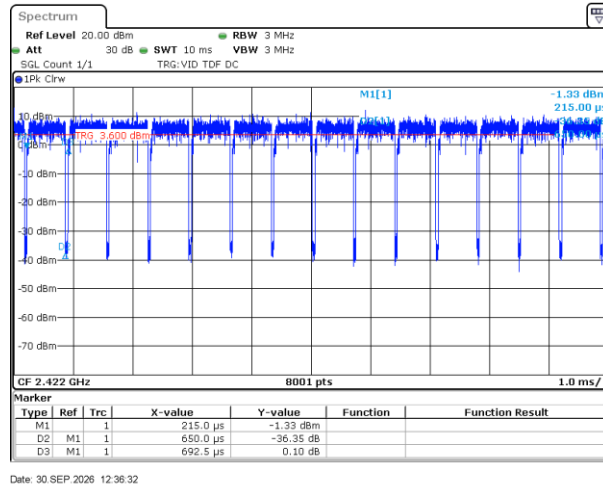
NTNV_802.11n(20M)_2437_MCS0_ANT1



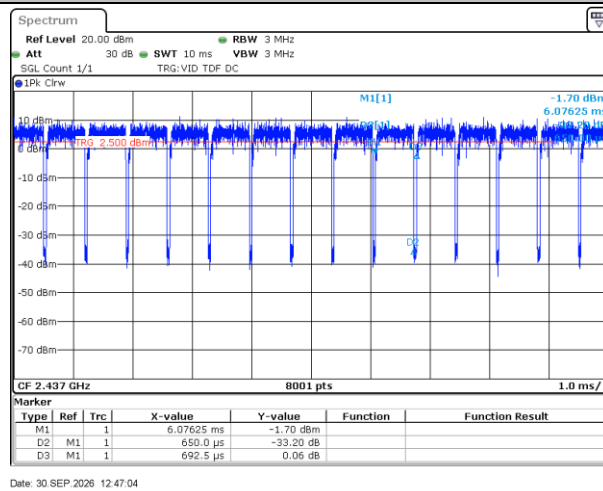
NTNV_802.11n(20M)_2462_MCS0_ANT1



NTNV_802.11n(40M)_2422_MCS0_ANT1



NTNV_802.11n(40M)_2437_MCS0_ANT1



NTNV_802.11n(40M)_2452_MCS0_ANT1

