



CQASZ20260801875E-02

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

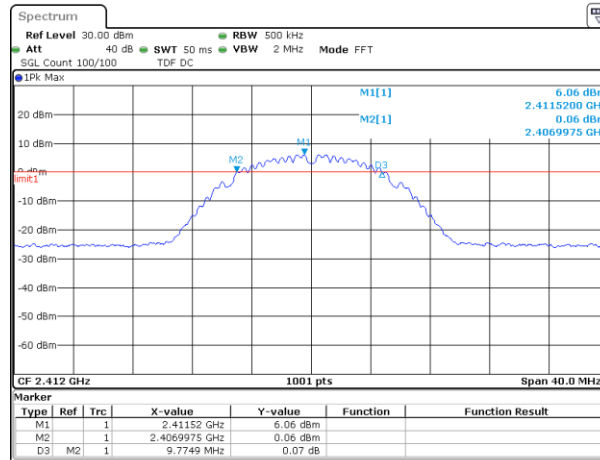
Appendix A: DTS Bandwidth

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	9.78	2407.00	2417.00	≥ 0.5	Pass
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	9.79	2432.00	2442.00	≥ 0.5	Pass
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	9.77	2457.00	2467.00	≥ 0.5	Pass
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	16.73	2404.00	2420.00	≥ 0.5	Pass
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	16.80	2429.00	2446.00	≥ 0.5	Pass
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	16.71	2454.00	2470.00	≥ 0.5	Pass
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	17.77	2403.00	2421.00	≥ 0.5	Pass
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	17.82	2428.00	2446.00	≥ 0.5	Pass
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	17.78	2453.00	2471.00	≥ 0.5	Pass

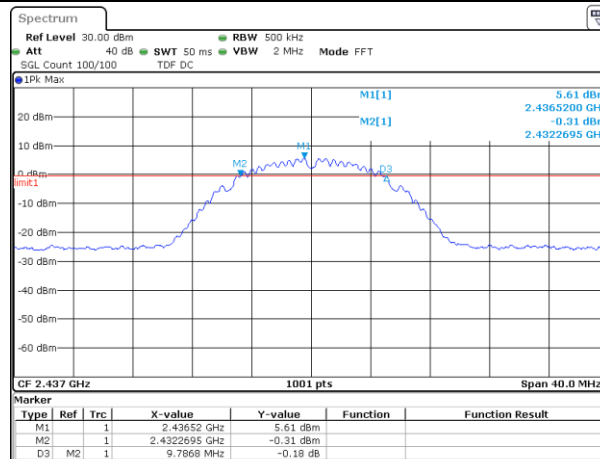
Test Graphs

NTNV_802.11b(20M)_2412_1Mbps_ANT1



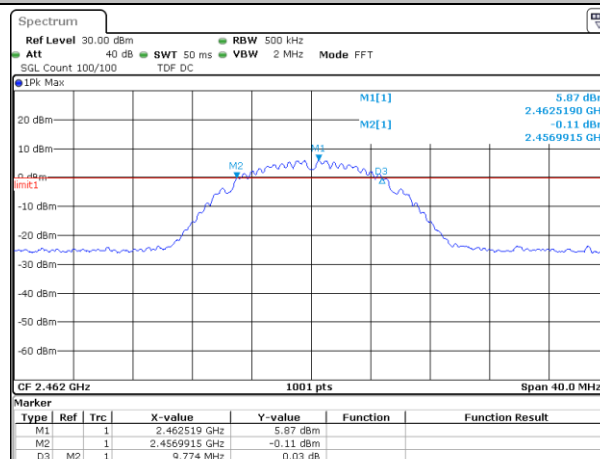
Date: 3 SEP.2026 16:30:38

NTNV_802.11b(20M)_2437_1Mbps_ANT1



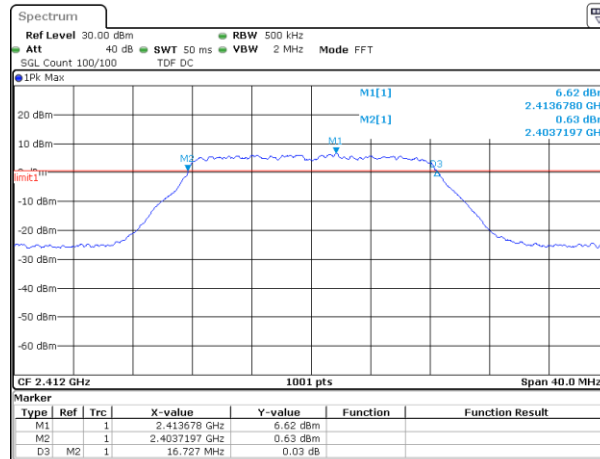
Date: 3 SEP.2026 16:34:16

NTNV_802.11b(20M)_2462_1Mbps_ANT1

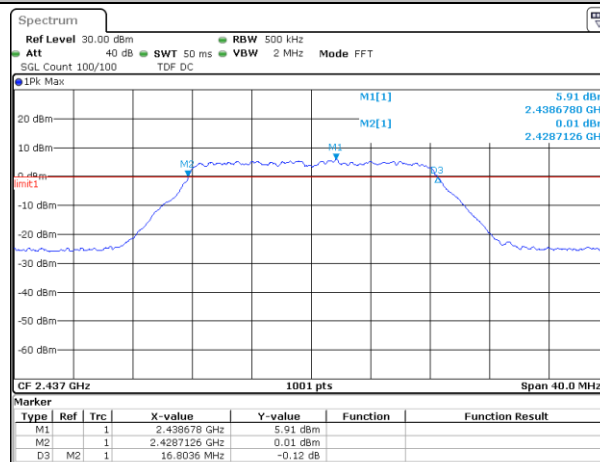


Date: 3 SEP.2026 16:36:34

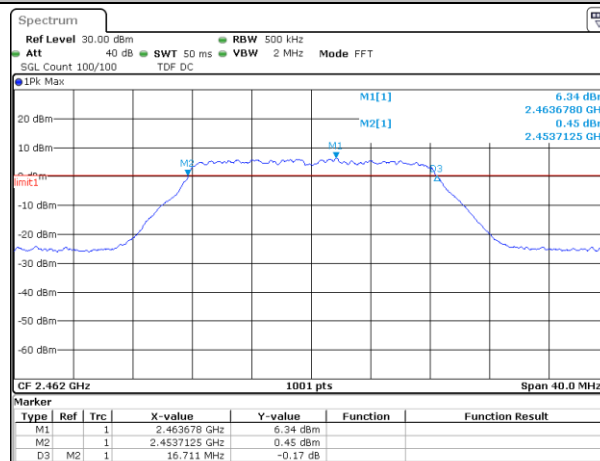
NTNV_802.11g(20M)_2412_6Mbps_ANT1



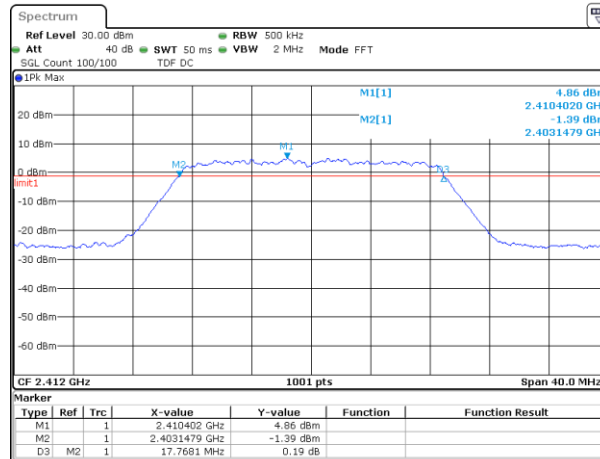
NTNV_802.11g(20M)_2437_6Mbps_ANT1



NTNV_802.11g(20M)_2462_6Mbps_ANT1

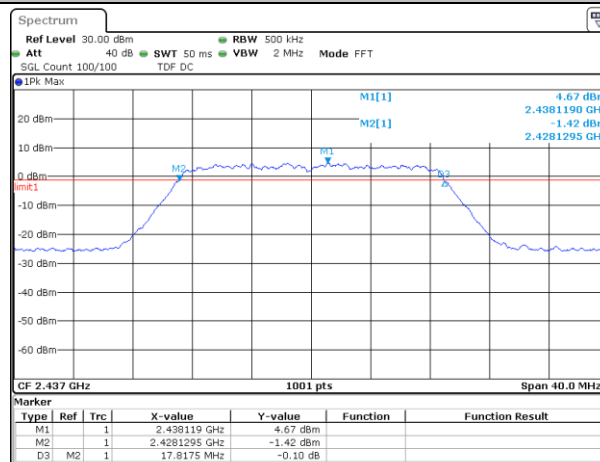


NTNV_802.11n(20M)_2412_MCS0_ANT1



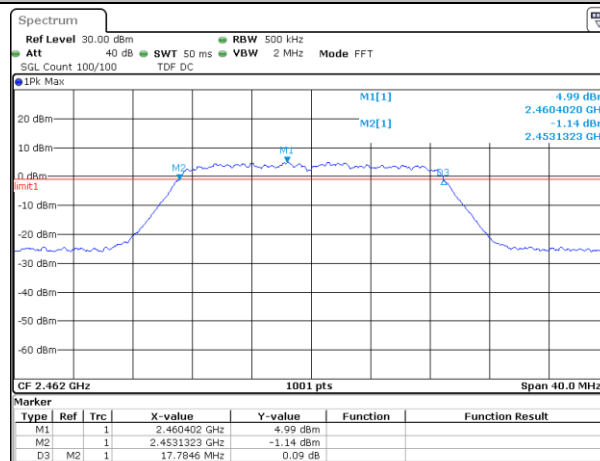
Date: 3 SEP.2026 16:48:22

NTNV_802.11n(20M)_2437_MCS0_ANT1



Date: 3 SEP.2026 16:51:38

NTNV_802.11n(20M)_2462_MCS0_ANT1



Date: 3 SEP.2026 16:54:03

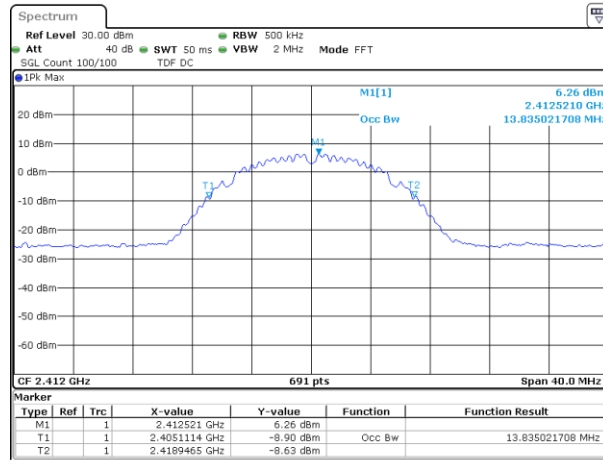
Appendix B: Occupied Channel Bandwidth

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(20 M)	2412	1Mbps	ANT1	13.84	≥ 0.5	2405.00	2419.00	Pass
2	NTNV	802.11b(20 M)	2437	1Mbps	ANT1	14.07	≥ 0.5	2430.00	2444.00	Pass
3	NTNV	802.11b(20 M)	2462	1Mbps	ANT1	13.95	≥ 0.5	2455.00	2469.00	Pass
4	NTNV	802.11g(20 M)	2412	6Mbps	ANT1	18.35	≥ 0.5	2403.00	2421.00	Pass
5	NTNV	802.11g(20 M)	2437	6Mbps	ANT1	18.52	≥ 0.5	2428.00	2446.00	Pass
6	NTNV	802.11g(20 M)	2462	6Mbps	ANT1	18.35	≥ 0.5	2453.00	2471.00	Pass
7	NTNV	802.11n(20 M)	2412	MCS0	ANT1	19.10	≥ 0.5	2402.00	2422.00	Pass
8	NTNV	802.11n(20 M)	2437	MCS0	ANT1	19.28	≥ 0.5	2427.00	2447.00	Pass
9	NTNV	802.11n(20 M)	2462	MCS0	ANT1	19.22	≥ 0.5	2452.00	2472.00	Pass

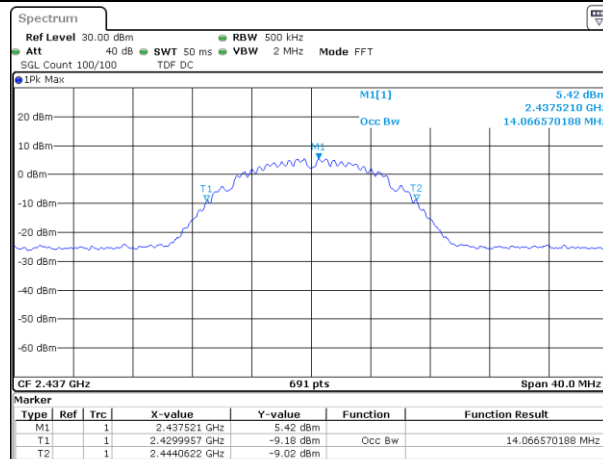
Test Graphs

NTNV_802.11b(20M)_2412_1Mbps_ANT1



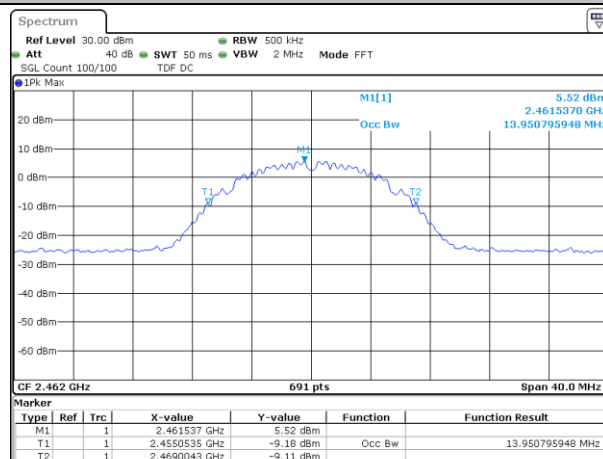
Date: 3 SEP.2026 16:30:10

NTNV_802.11b(20M)_2437_1Mbps_ANT1



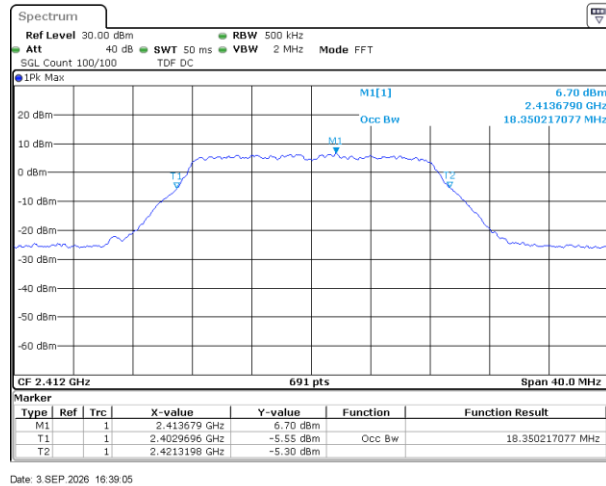
Date: 3 SEP.2026 16:33:48

NTNV_802.11b(20M)_2462_1Mbps_ANT1

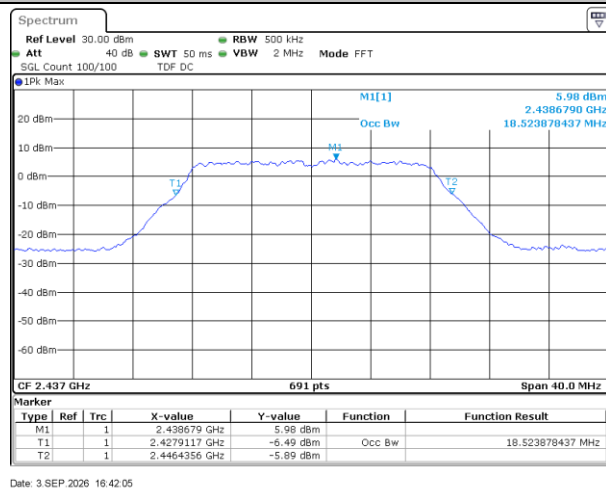


Date: 3 SEP.2026 16:36:06

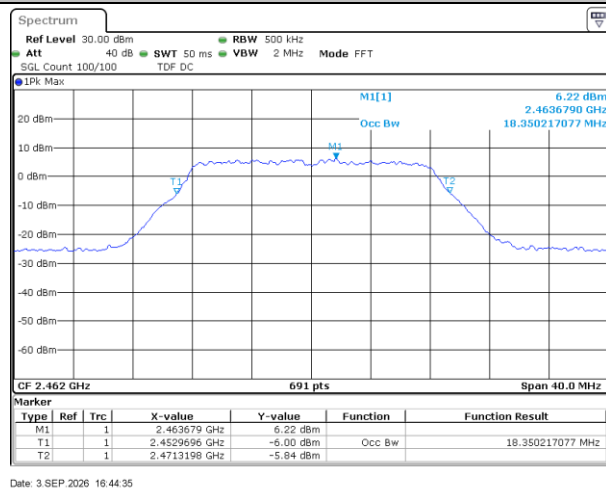
NTNV_802.11g(20M)_2412_6Mbps_ANT1



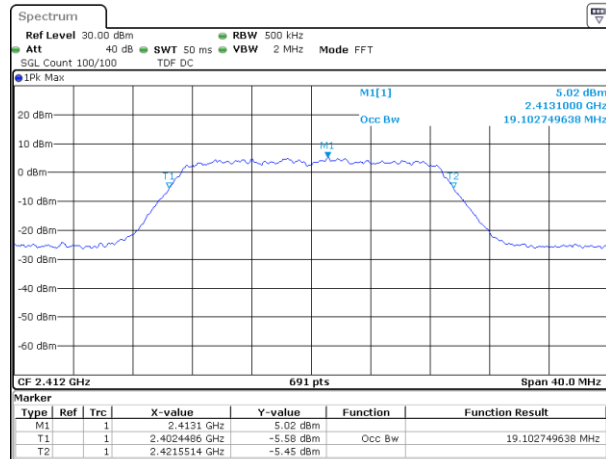
NTNV_802.11g(20M)_2437_6Mbps_ANT1



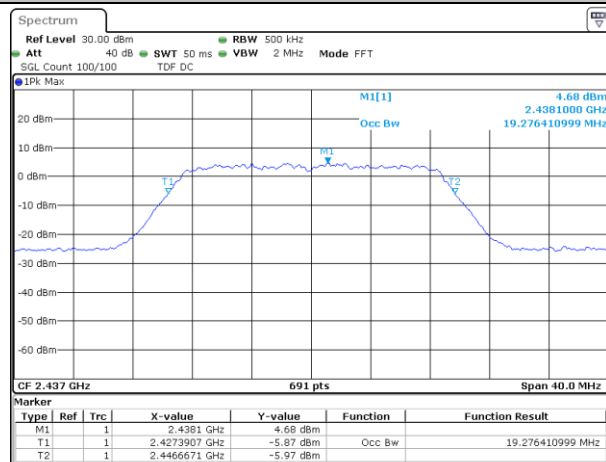
NTNV_802.11g(20M)_2462_6Mbps_ANT1



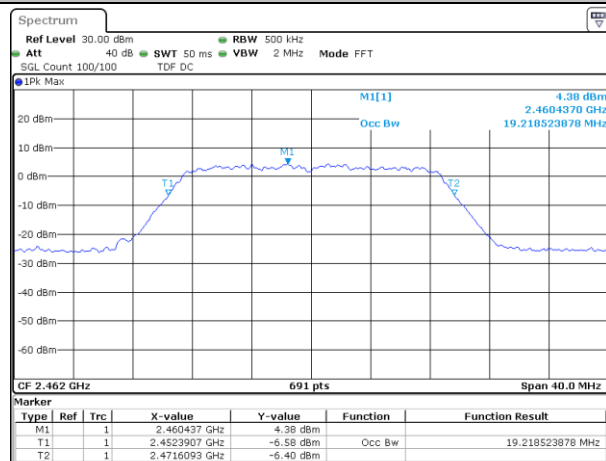
NTNV_802.11n(20M)_2412_MCS0_ANT1



NTNV_802.11n(20M)_2437_MCS0_ANT1



NTNV_802.11n(20M)_2462_MCS0_ANT1

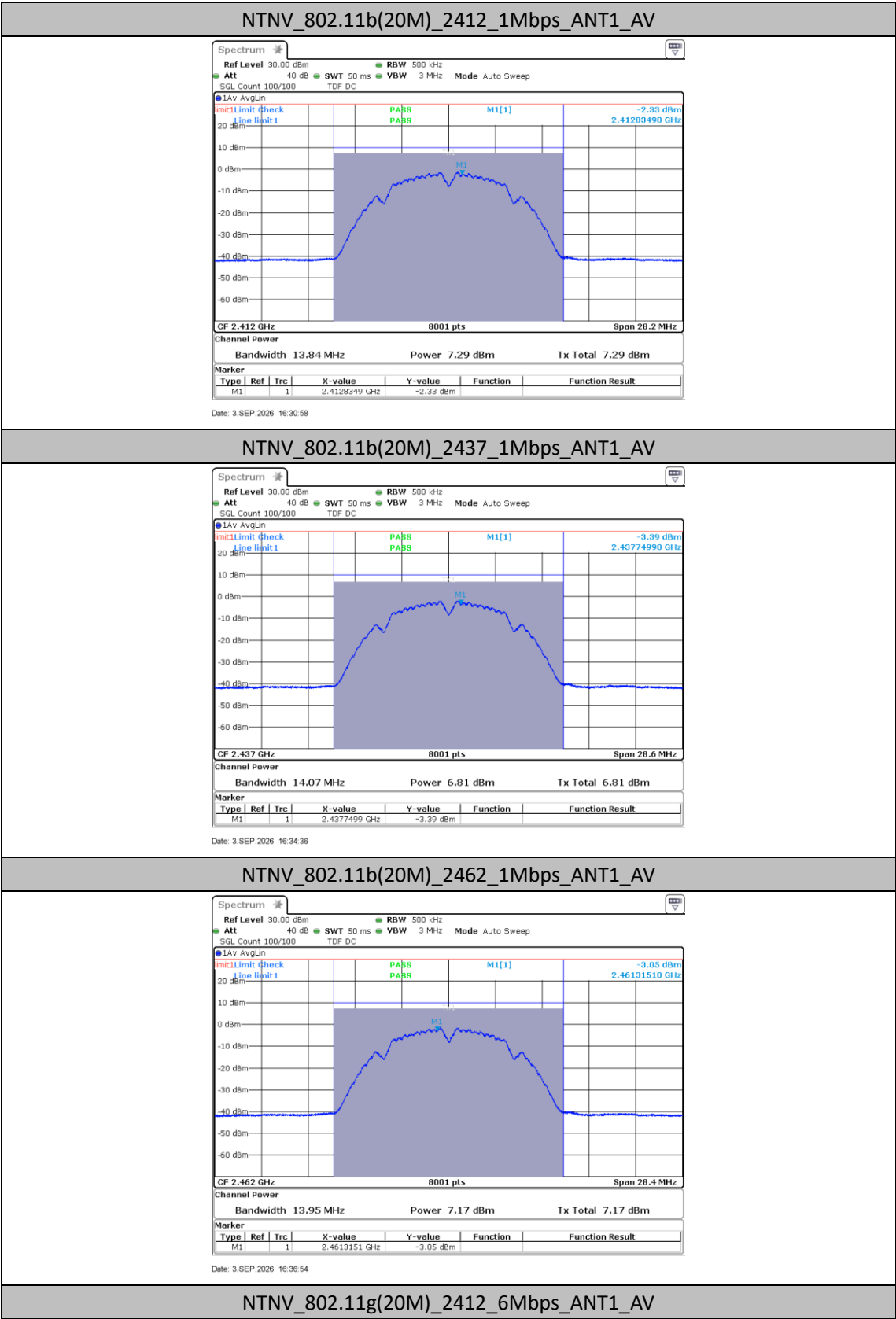


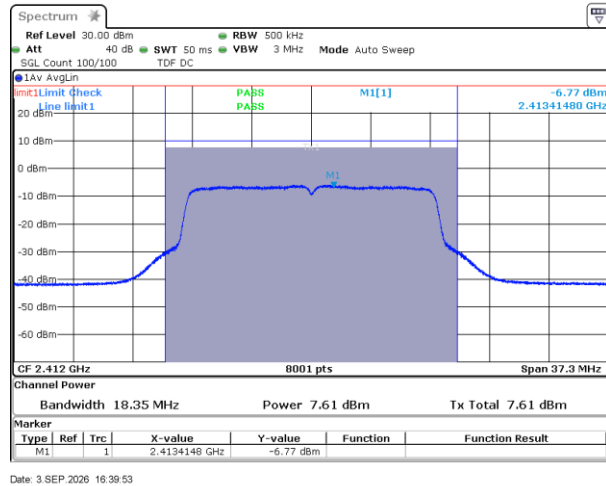
Appendix C: Maximum conducted output power

Test Result

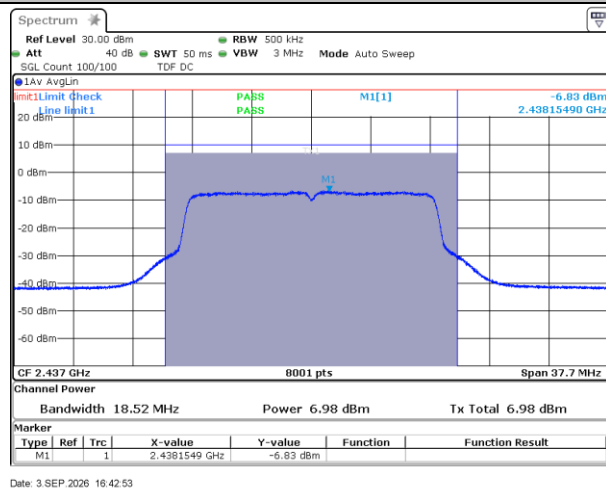
NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	802.11b(20 M)	2412	AVER	ANT1	7.29	≤30	Pass
2	NTNV	802.11b(20 M)	2437	AVER	ANT1	6.81	≤30	Pass
3	NTNV	802.11b(20 M)	2462	AVER	ANT1	7.17	≤30	Pass
4	NTNV	802.11g(20 M)	2412	AVER	ANT1	7.61	≤30	Pass
5	NTNV	802.11g(20 M)	2437	AVER	ANT1	6.98	≤30	Pass
6	NTNV	802.11g(20 M)	2462	AVER	ANT1	7.18	≤30	Pass
7	NTNV	802.11n(20 M)	2412	AVER	ANT1	6.14	≤30	Pass
8	NTNV	802.11n(20 M)	2437	AVER	ANT1	6.12	≤30	Pass
9	NTNV	802.11n(20 M)	2462	AVER	ANT1	6.34	≤30	Pass

Test Graphs

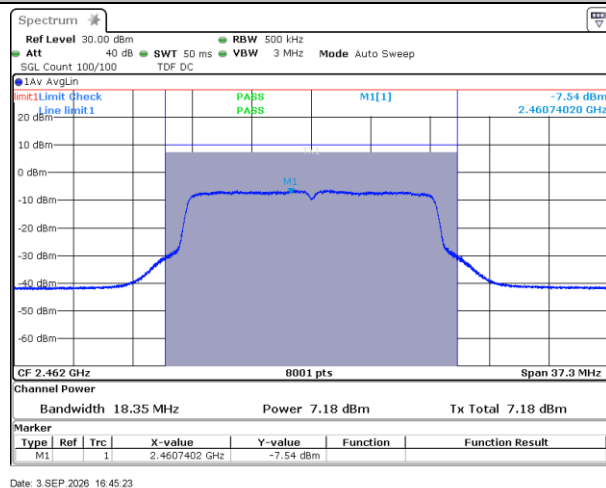




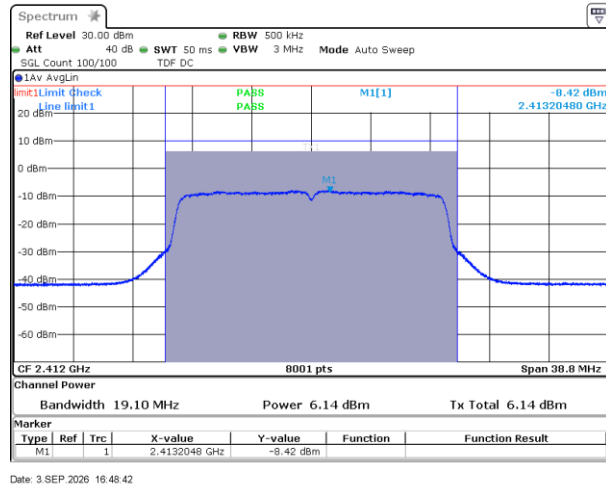
NTNV_802.11g(20M)_2437_6Mbps_ANT1_AV



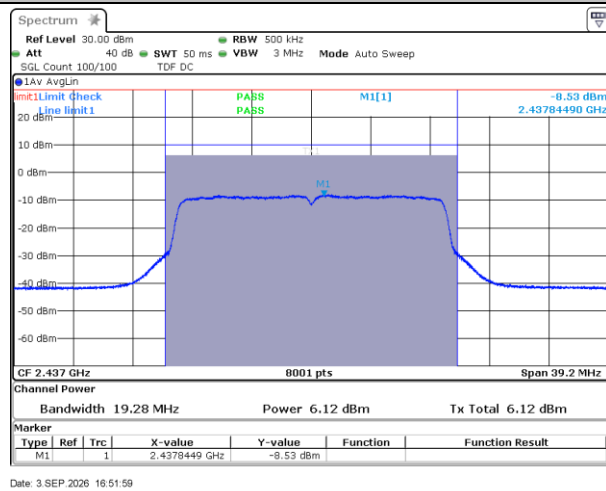
NTNV_802.11g(20M)_2462_6Mbps_ANT1_AV



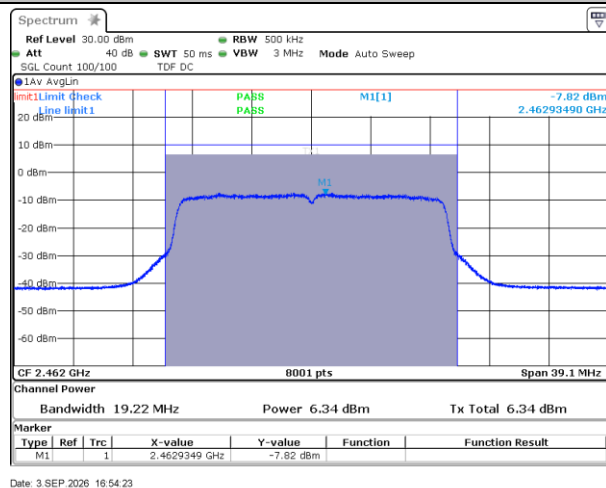
NTNV_802.11n(20M)_2412_MCS0_ANT1_AV



NTNV_802.11n(20M)_2437_MCS0_ANT1_AV



NTNV_802.11n(20M)_2462_MCS0_ANT1_AV

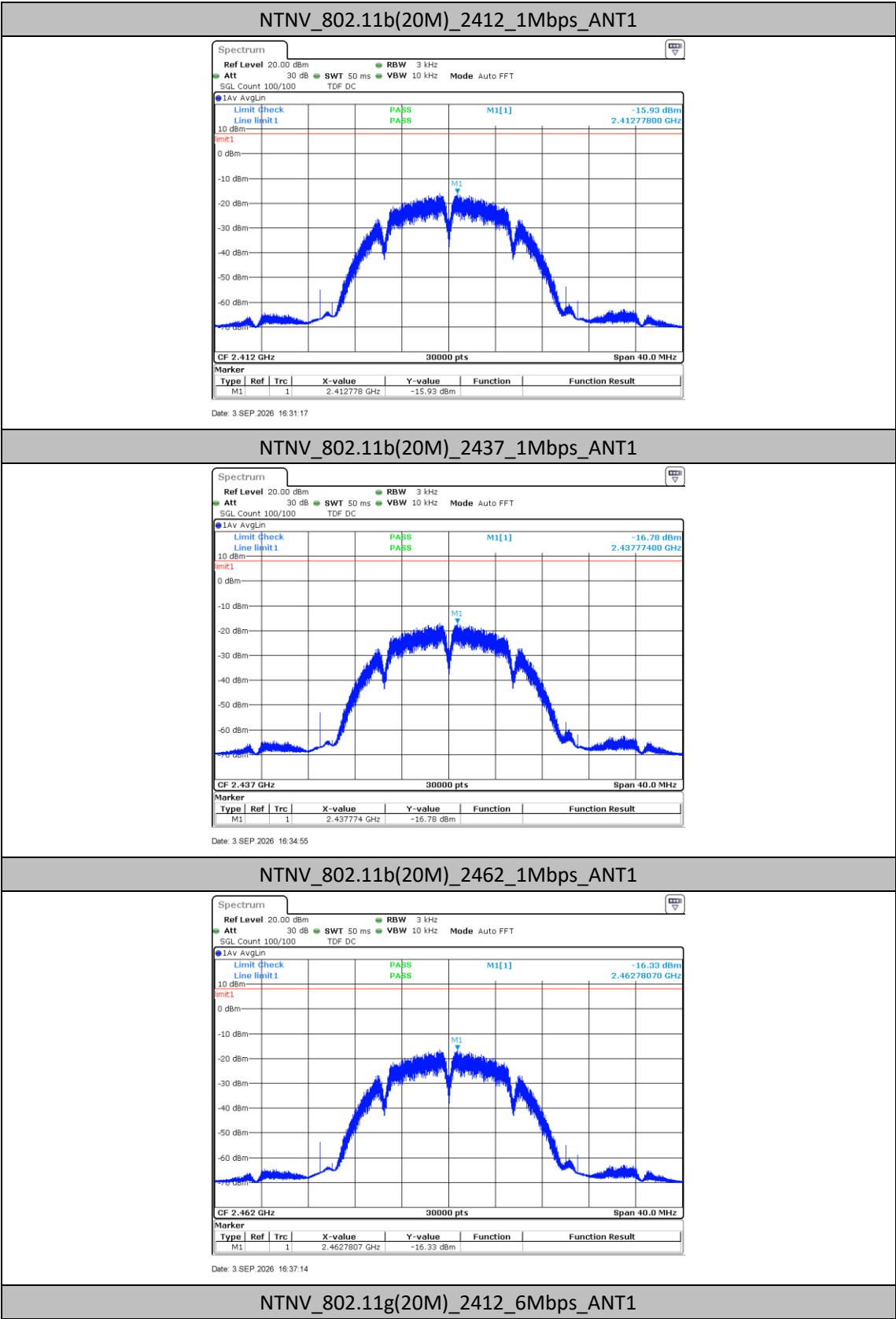


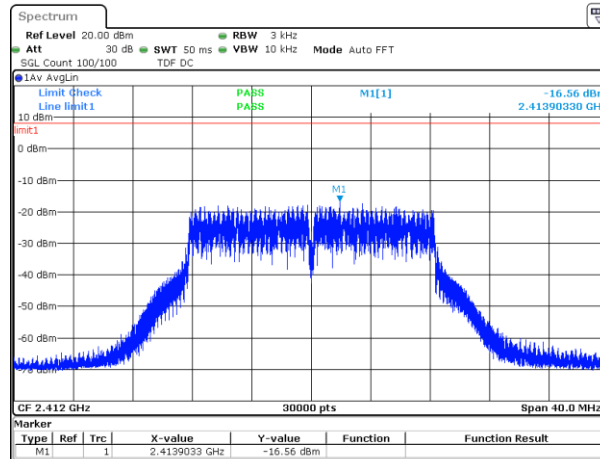
Appendix D: Maximum power spectral density

Test Result

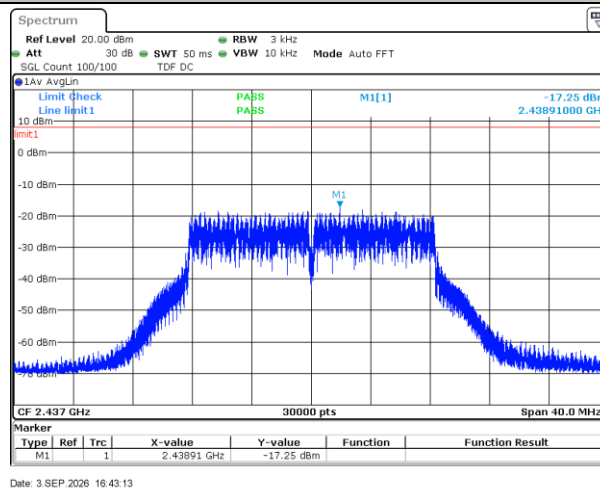
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
1	NTNV	802.11b(20M)	2412	1Mbps	ANT1	-15.93	≤ 8	Pass
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	-16.78	≤ 8	Pass
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	-16.33	≤ 8	Pass
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	-16.56	≤ 8	Pass
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	-17.25	≤ 8	Pass
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	-17.00	≤ 8	Pass
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	-17.90	≤ 8	Pass
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	-18.18	≤ 8	Pass
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	-18.16	≤ 8	Pass

Test Graphs

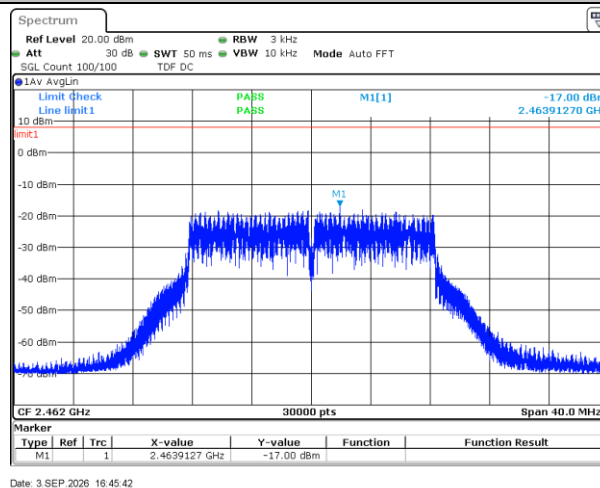




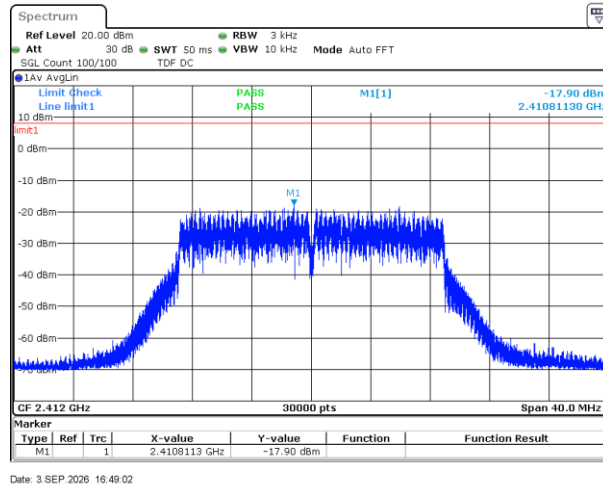
NTNV_802.11g(20M)_2437_6Mbps_ANT1



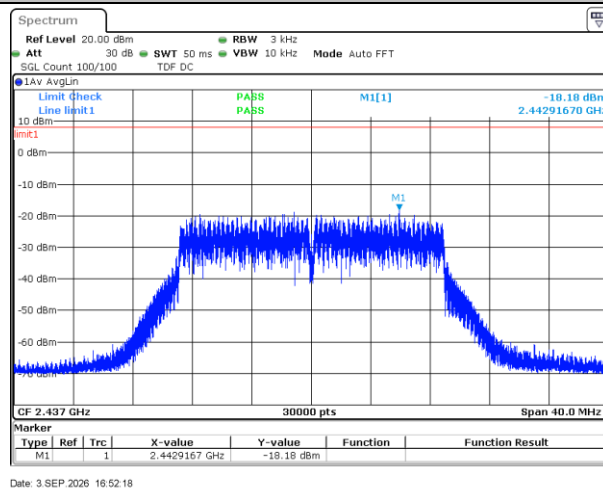
NTNV_802.11g(20M)_2462_6Mbps_ANT1



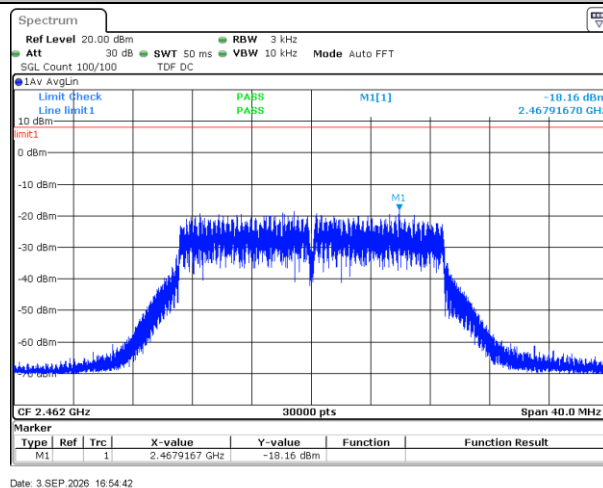
NTNV_802.11n(20M)_2412_MCS0_ANT1



NTNV_802.11n(20M)_2437_MCS0_ANT1



NTNV_802.11n(20M)_2462_MCS0_ANT1



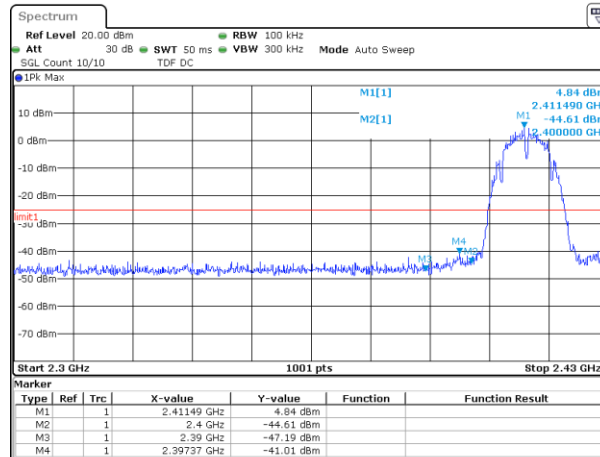
Appendix E: Band edge measurements

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	4.84	-41.02	≤ -25.16	Pass
2	NTNV	802.11b(20M)	2462	1Mbps	ANT1	4.18	-41.62	≤ -25.82	Pass
3	NTNV	802.11g(20M)	2412	6Mbps	ANT1	1.8	-36.64	≤ -28.2	Pass
4	NTNV	802.11g(20M)	2462	6Mbps	ANT1	1.34	-42.00	≤ -12.66	Pass
5	NTNV	802.11n(20M)	2412	MCS0	ANT1	-0.19	-37.24	≤ -30.19	Pass
6	NTNV	802.11n(20M)	2462	MCS0	ANT1	0.27	-42.89	≤ -29.73	Pass

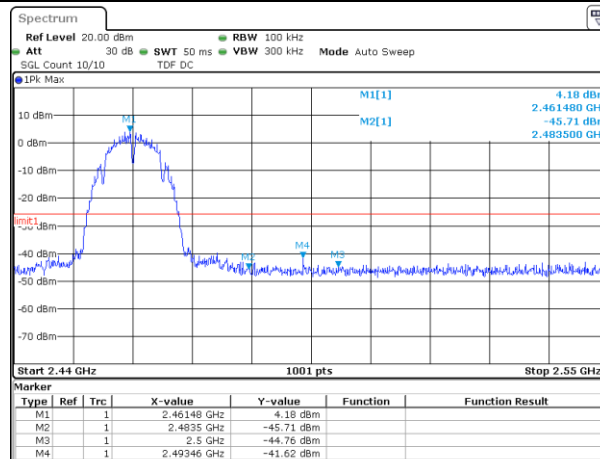
Test Graphs

NTNV_802.11b(20M)_2412_1Mbps_ANT1



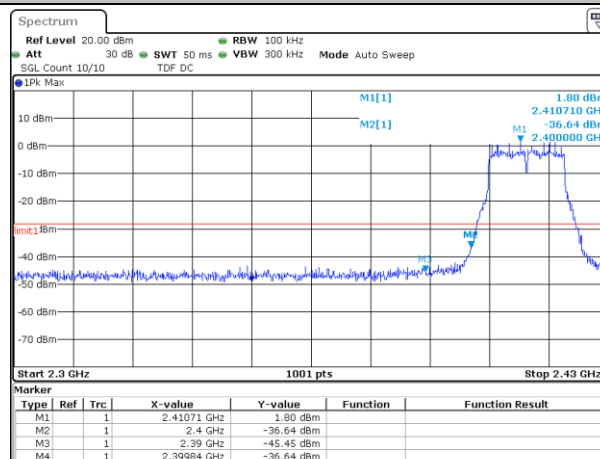
Date: 3 SEP.2026 16:31:21

NTNV_802.11b(20M)_2462_1Mbps_ANT1



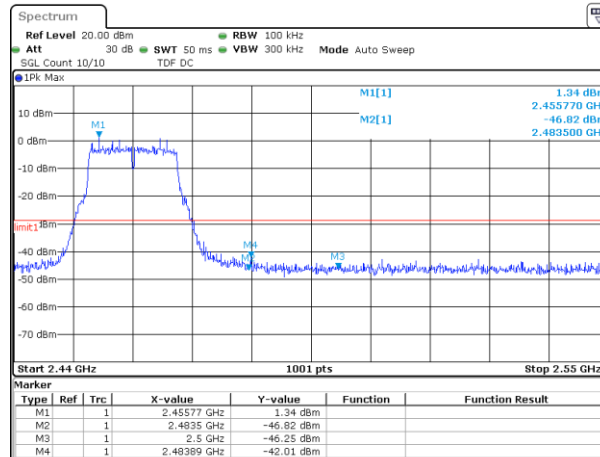
Date: 3 SEP.2026 16:37:18

NTNV_802.11g(20M)_2412_6Mbps_ANT1



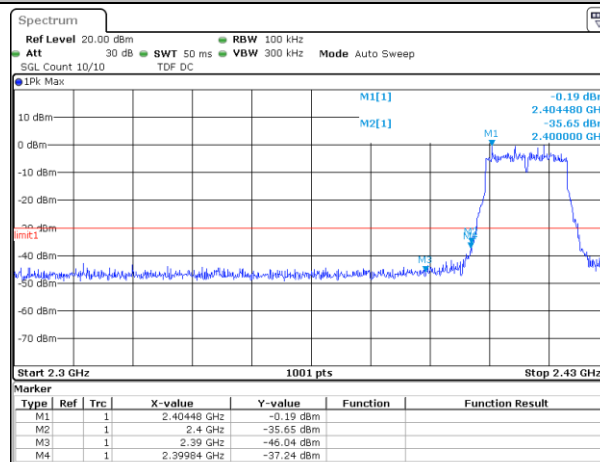
Date: 3 SEP.2026 16:40:16

NTNV_802.11g(20M)_2462_6Mbps_ANT1



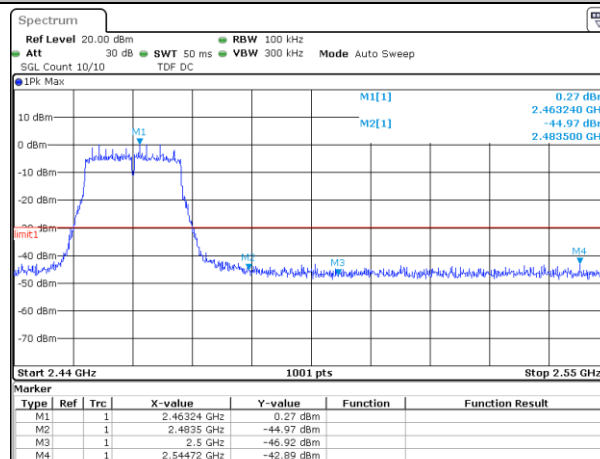
Date: 3 SEP.2026 16:45:46

NTNV_802.11n(20M)_2412_MCS0_ANT1



Date: 3 SEP.2026 16:49:06

NTNV_802.11n(20M)_2462_MCS0_ANT1



Date: 3 SEP.2026 16:54:46

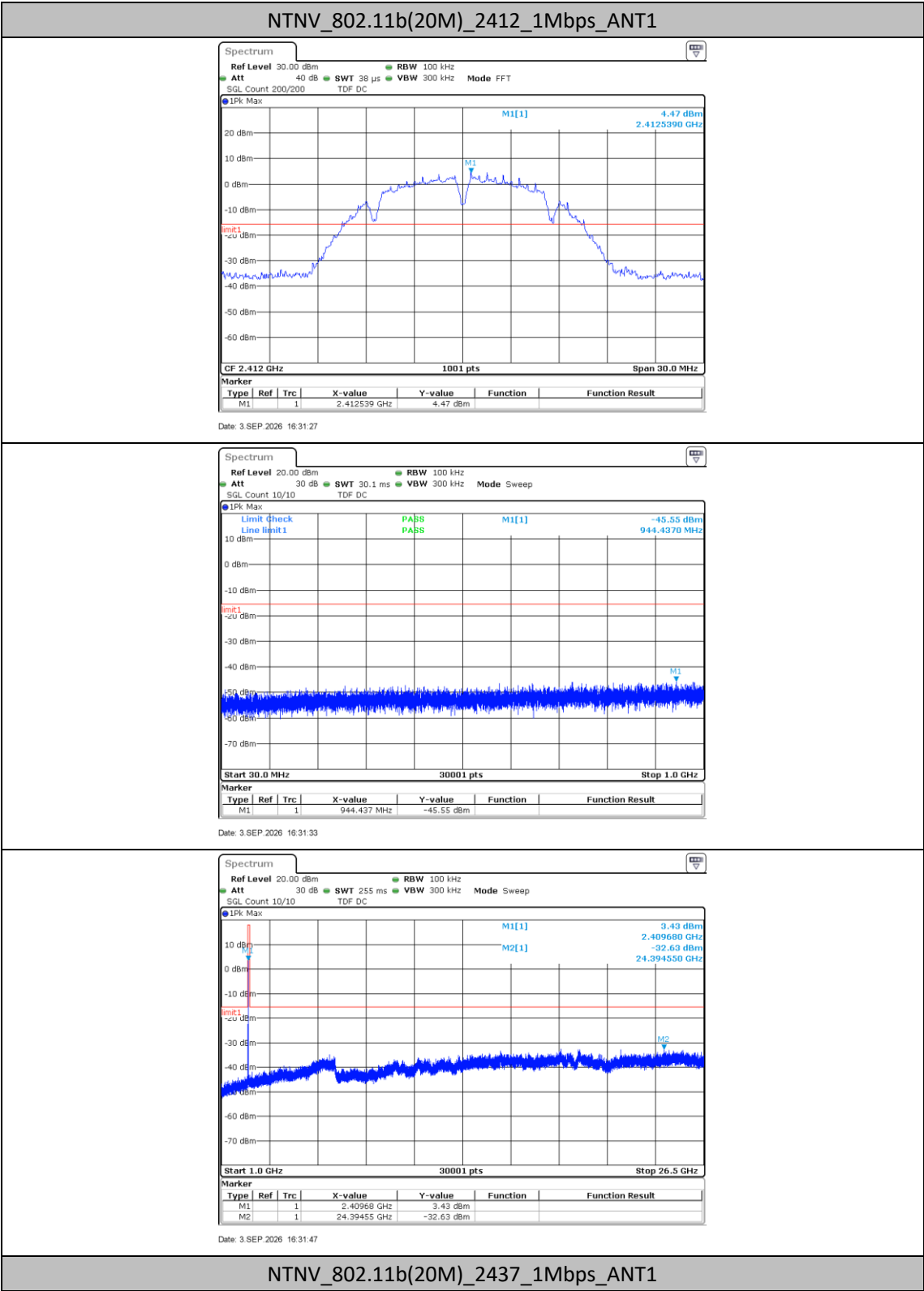
Appendix F: Conducted Spurious Emission

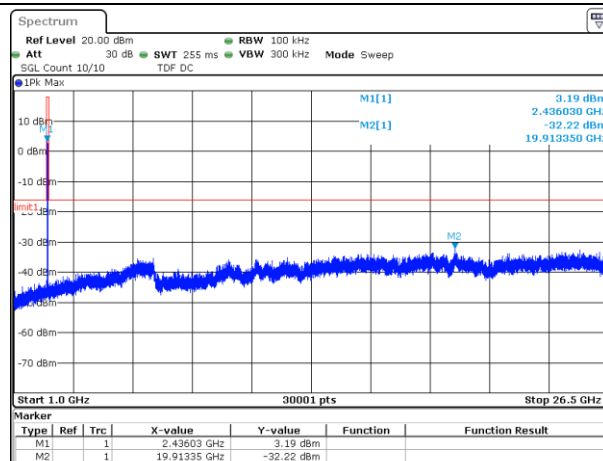
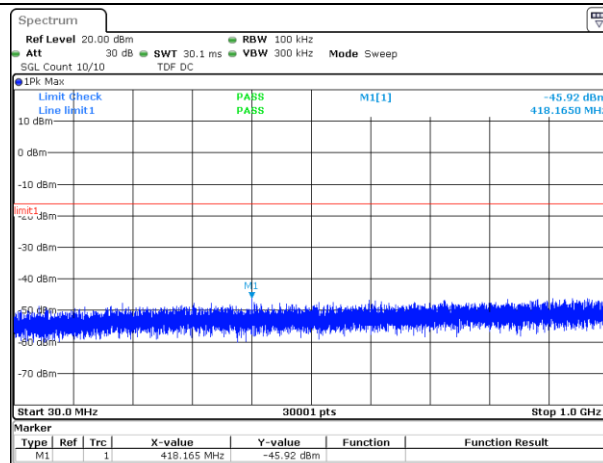
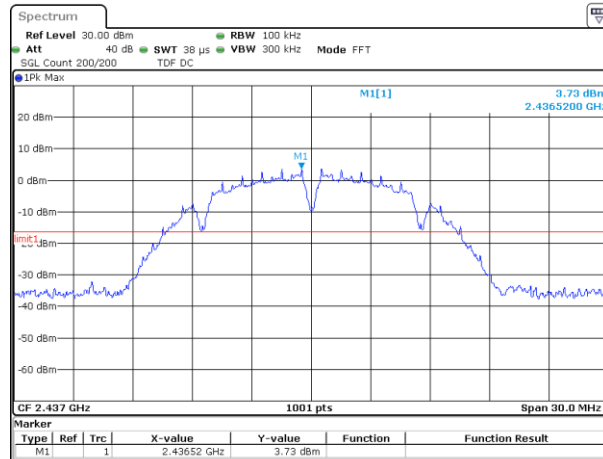
Test Result

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	4.47	/	PASS
						30~1000	0.1	-45.55	≤-25.53	Pass
						1000~26500	0.1	-32.63	≤-25.53	Pass
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	Reference	0.1	3.73	/	PASS
						30~1000	0.1	-45.92	≤-26.27	Pass
						1000~26500	0.1	-32.22	≤-26.27	Pass
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	Reference	0.1	4.34	/	PASS
						30~1000	0.1	-45.83	≤-25.66	Pass
						1000~26500	0.1	-32.41	≤-25.66	Pass
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	Reference	0.1	1.89	/	PASS
						30~1000	0.1	-46.03	≤-28.11	Pass
						1000~26500	0.1	-32.46	≤-28.11	Pass
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	Reference	0.1	1.24	/	PASS
						30~1000	0.1	-45.35	≤-28.76	Pass
						1000~26500	0.1	-32.91	≤-28.76	Pass
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	Reference	0.1	1.42	/	PASS
						30~1000	0.1	-45.21	≤-28.58	Pass
						1000~26500	0.1	-32.75	≤-28.58	Pass
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	Reference	0.1	0.81	/	PASS
						30~1000	0.1	-45.49	≤-29.19	Pass
						1000~26500	0.1	-32.65	≤-29.19	Pass
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	Reference	0.1	-0.04	/	PASS
						30~1000	0.1	-46.09	≤-30.04	Pass
						1000~26500	0.1	-32.24	≤-30.04	Pass
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	Reference	0.1	0.33	/	PASS

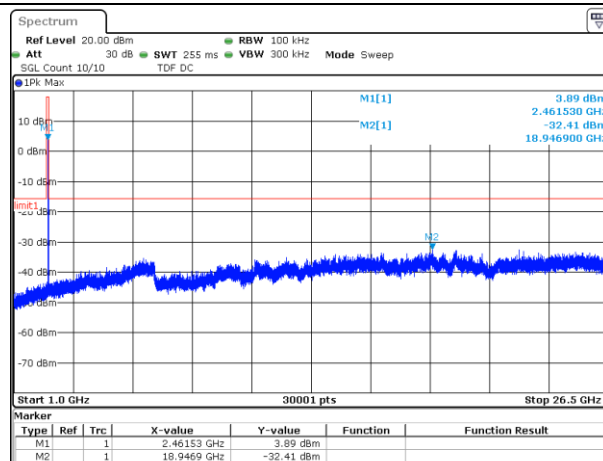
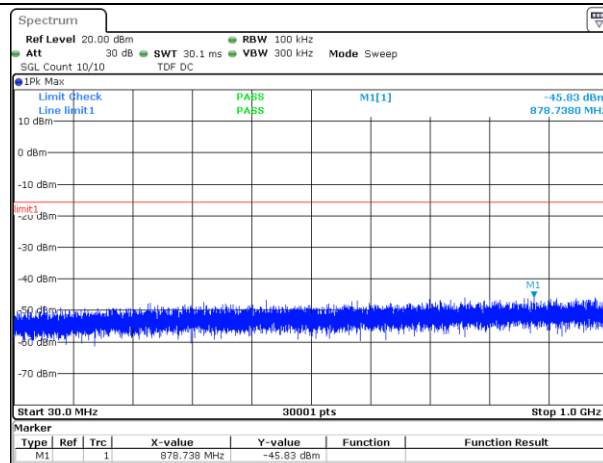
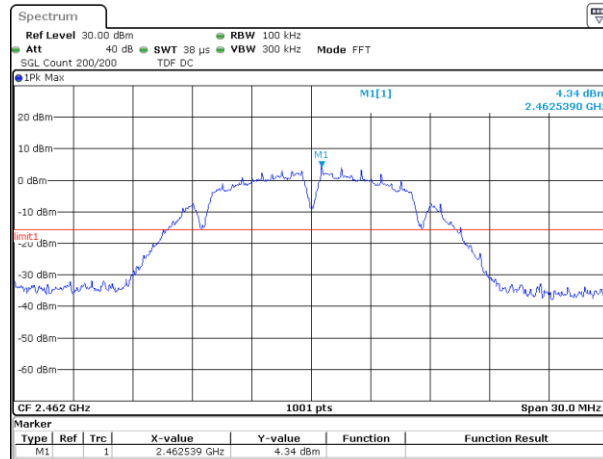
						30~1000	0.1	-45.47	≤ -29.67	Pass
						1000~26500	0.1	-31.53	≤ -29.67	Pass

Test Graphs

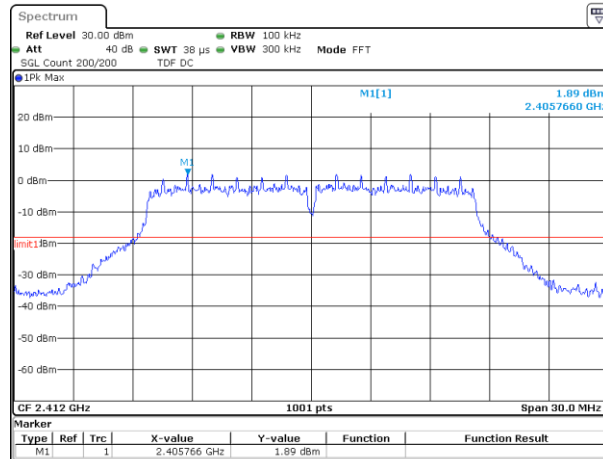




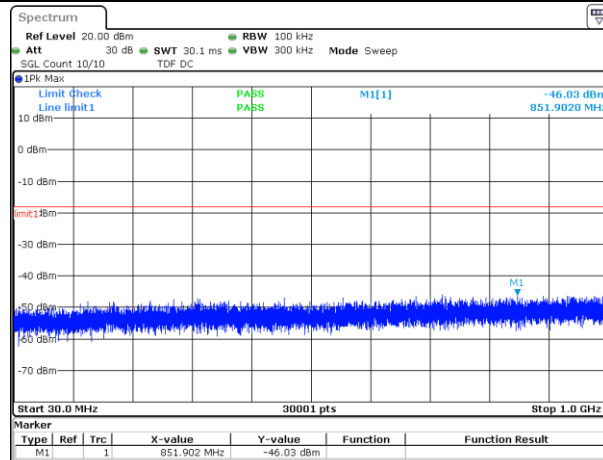
NTNV_802.11b(20M)_2462_1Mbps_ANT1



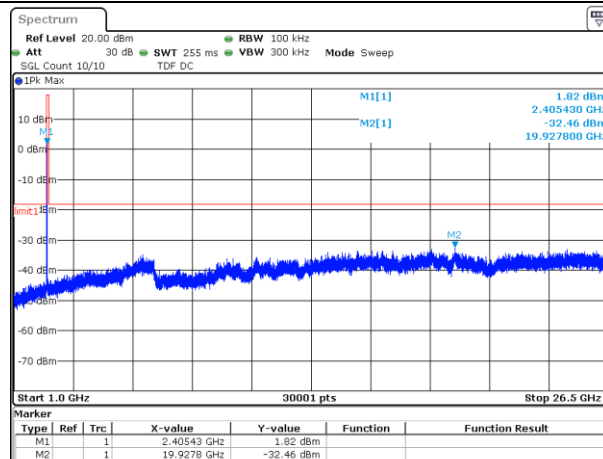
NTNV_802.11g(20M)_2412_6Mbps_ANT1



Date: 3 SEP.2026 16:40:22

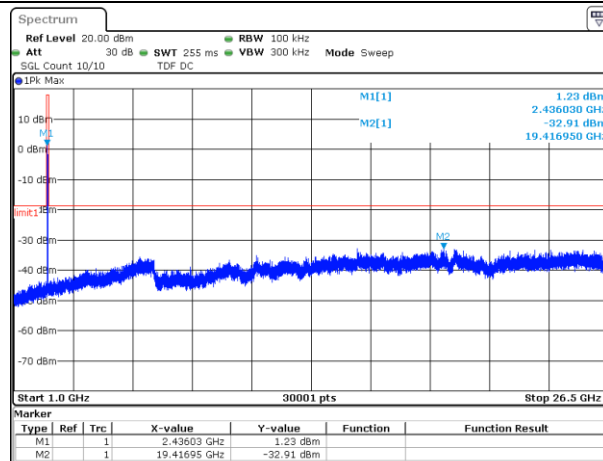
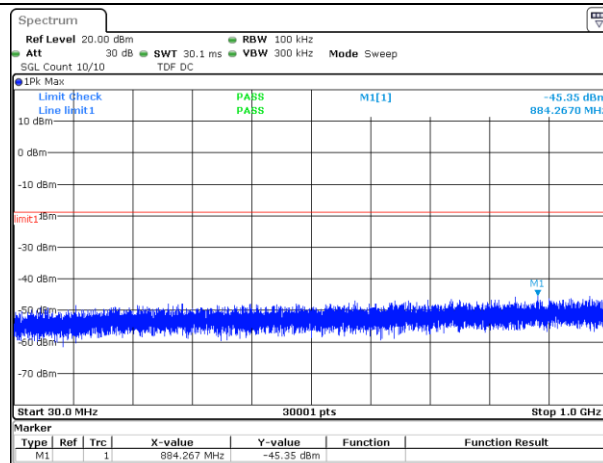
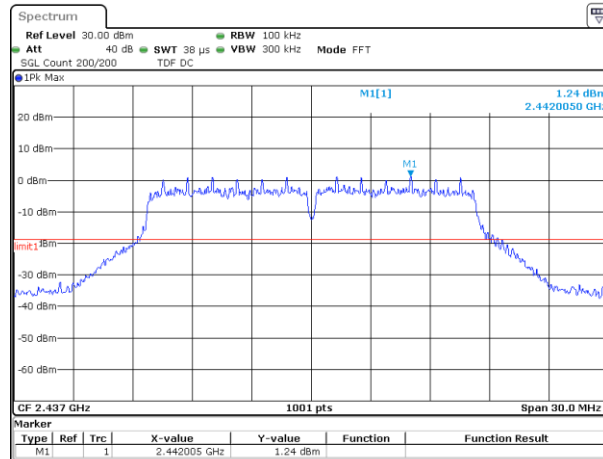


Date: 3 SEP.2026 16:40:28

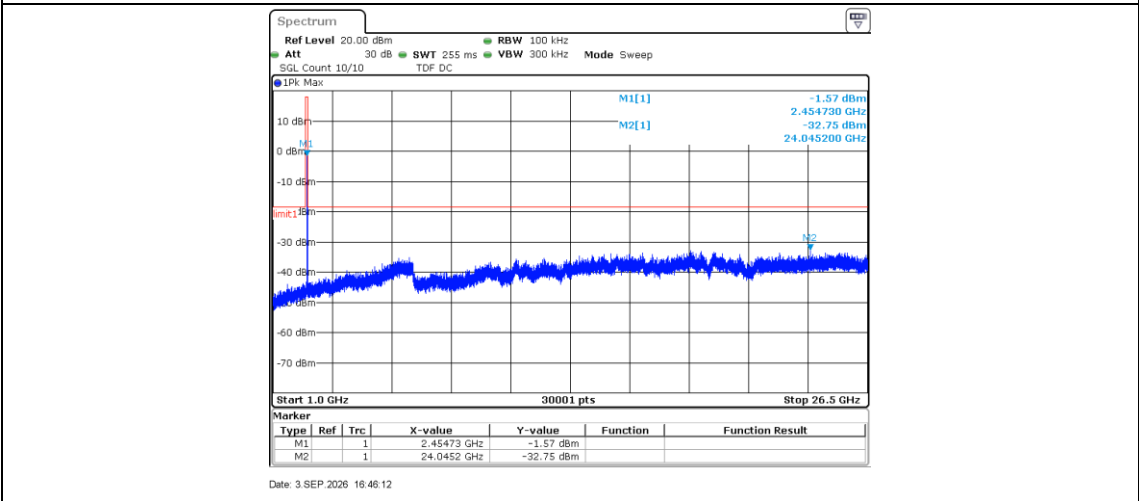
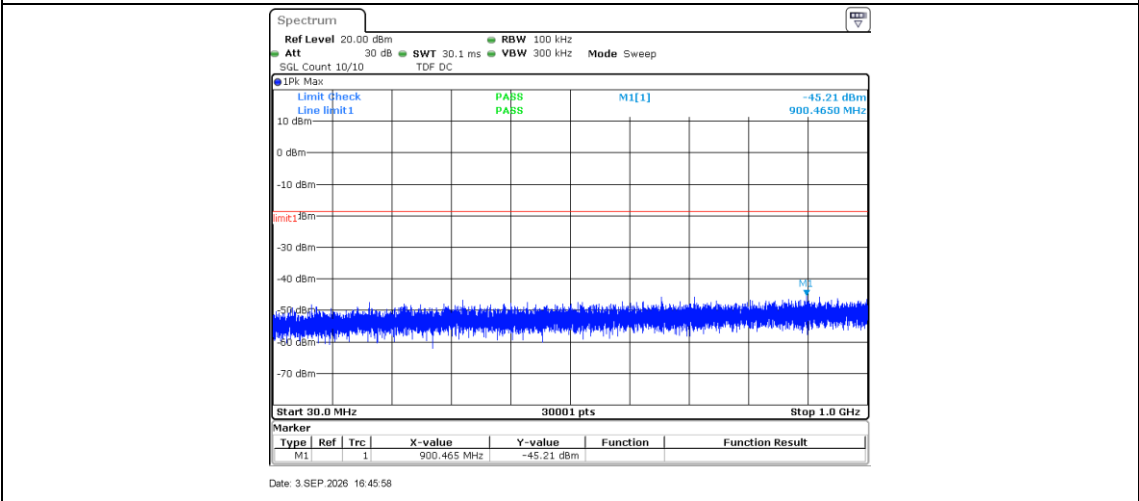
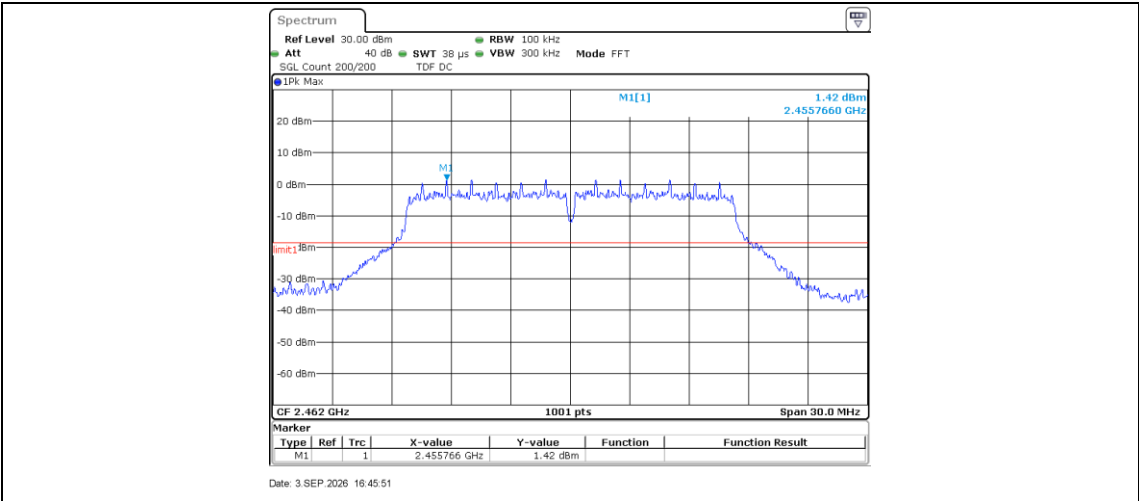


Date: 3 SEP.2026 16:40:42

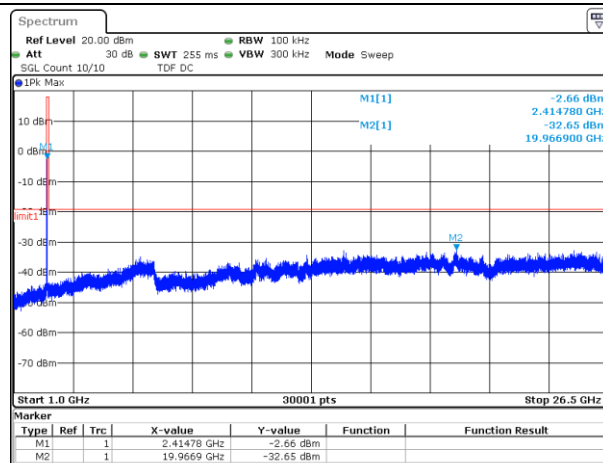
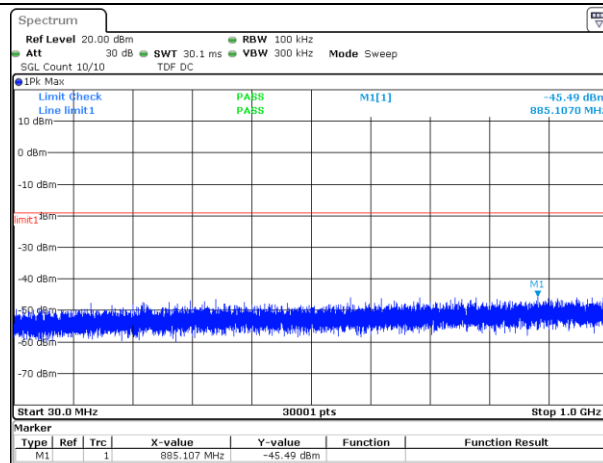
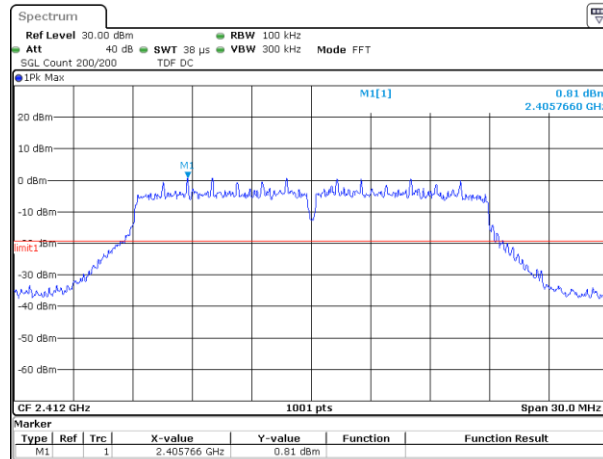
NTNV_802.11g(20M)_2437_6Mbps_ANT1



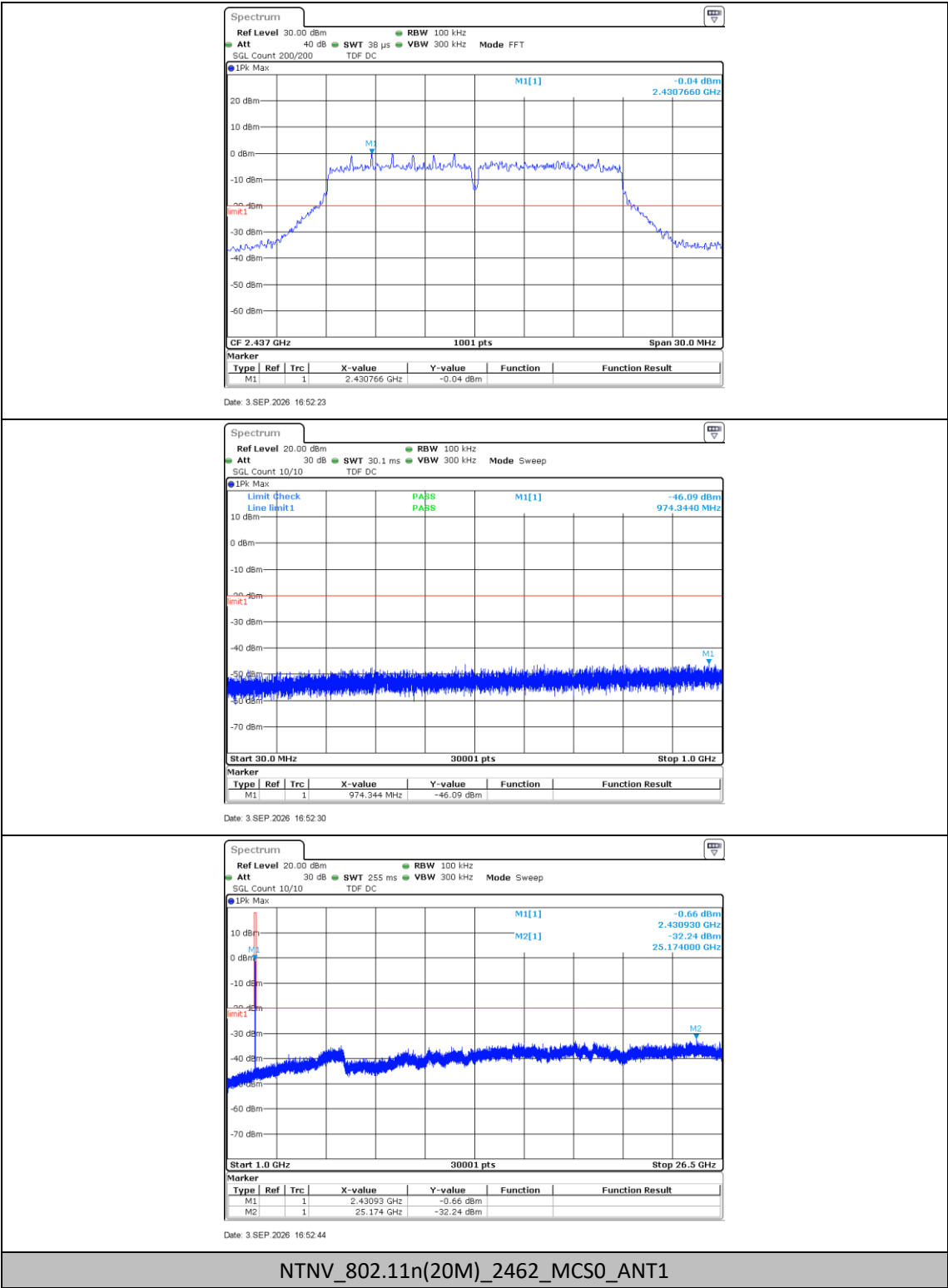
NTNV_802.11g(20M)_2462_6Mbps_ANT1

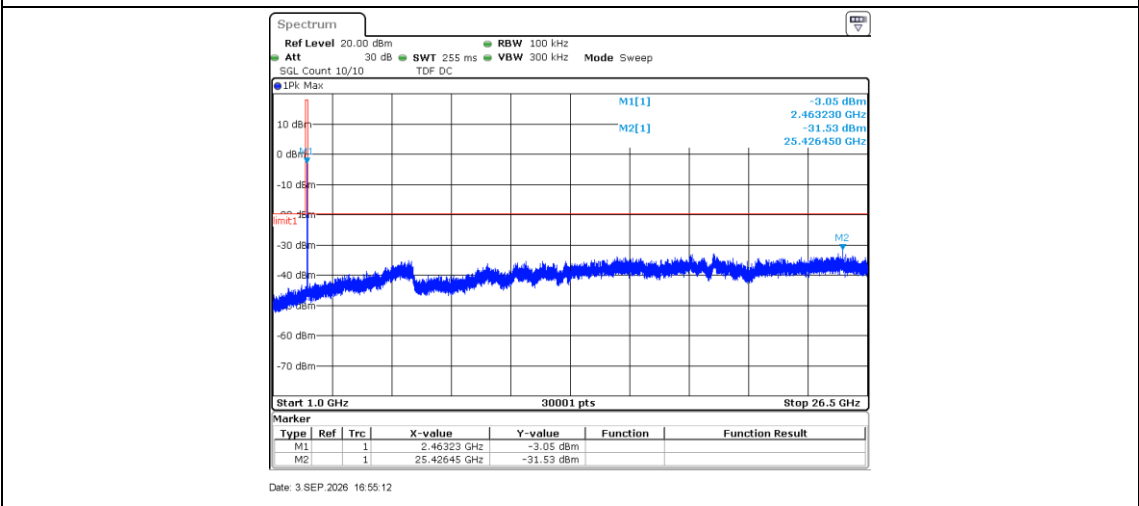
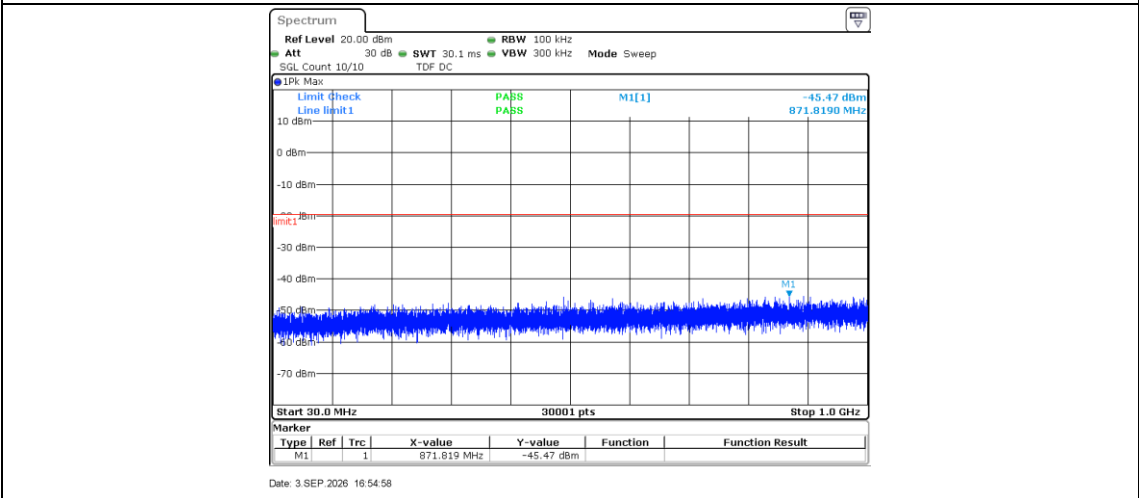
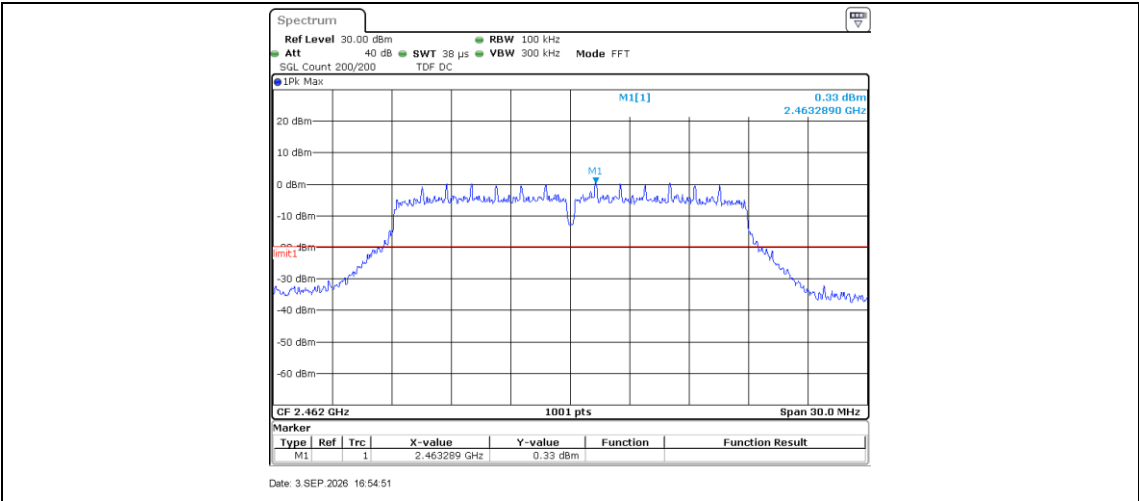


NTNV_802.11n(20M)_2412_MCS0_ANT1



NTNV_802.11n(20M)_2437_MCS0_ANT1





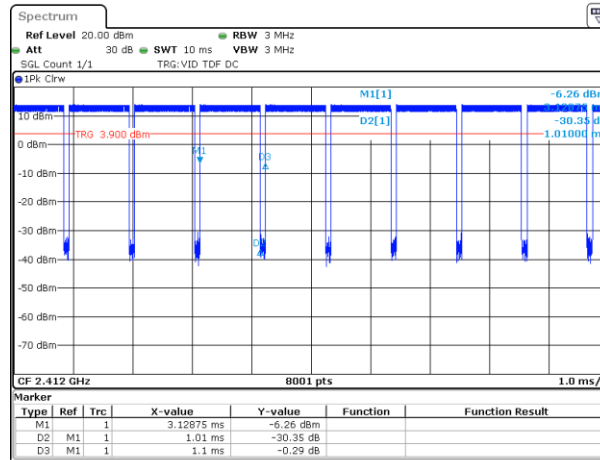
Appendix G: Duty Cycle

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	1.01	1.10	0.92	91.82
2	NTNV	802.11b(20M)	2437	1Mbps	ANT1	1.01	1.10	0.92	91.82
3	NTNV	802.11b(20M)	2462	1Mbps	ANT1	1.01	1.10	0.92	91.82
4	NTNV	802.11g(20M)	2412	6Mbps	ANT1	0.62	0.66	0.94	93.56
5	NTNV	802.11g(20M)	2437	6Mbps	ANT1	0.62	0.66	0.94	93.56
6	NTNV	802.11g(20M)	2462	6Mbps	ANT1	0.62	0.66	0.94	93.56
7	NTNV	802.11n(20M)	2412	MCS0	ANT1	0.61	0.66	0.94	93.52
8	NTNV	802.11n(20M)	2437	MCS0	ANT1	0.61	0.66	0.94	93.52
9	NTNV	802.11n(20M)	2462	MCS0	ANT1	0.61	0.66	0.94	93.52

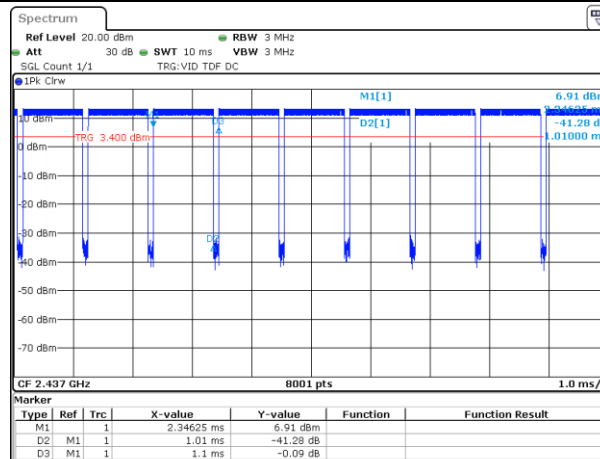
Test Graphs

NTNV_802.11b(20M)_2412_1Mbps_ANT1



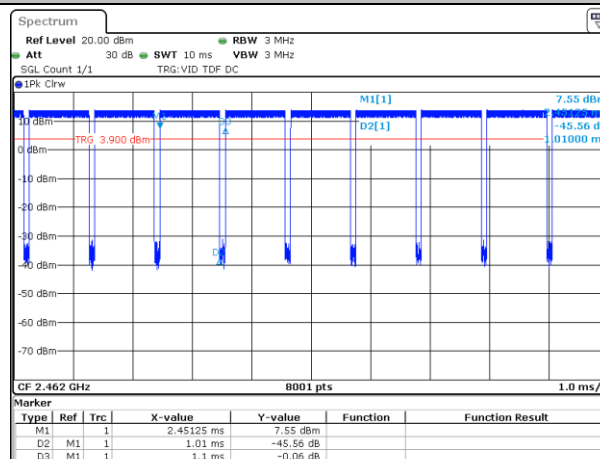
Date: 3 SEP.2026 16:30:48

NTNV_802.11b(20M)_2437_1Mbps_ANT1



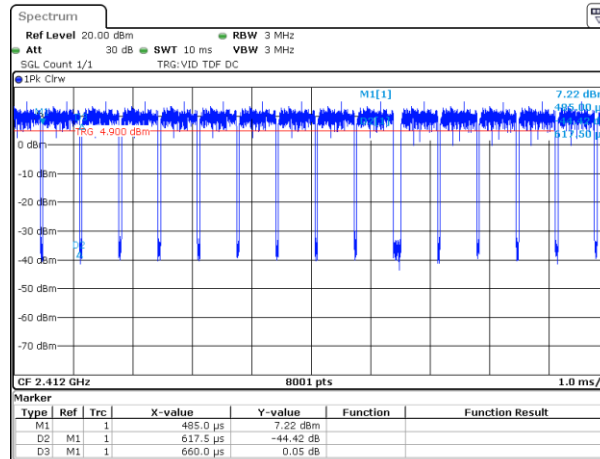
Date: 3 SEP.2026 16:34:26

NTNV_802.11b(20M)_2462_1Mbps_ANT1



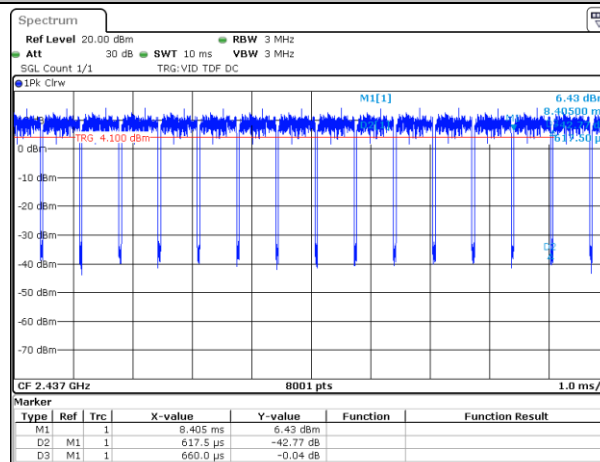
Date: 3 SEP.2026 16:36:44

NTNV_802.11g(20M)_2412_6Mbps_ANT1



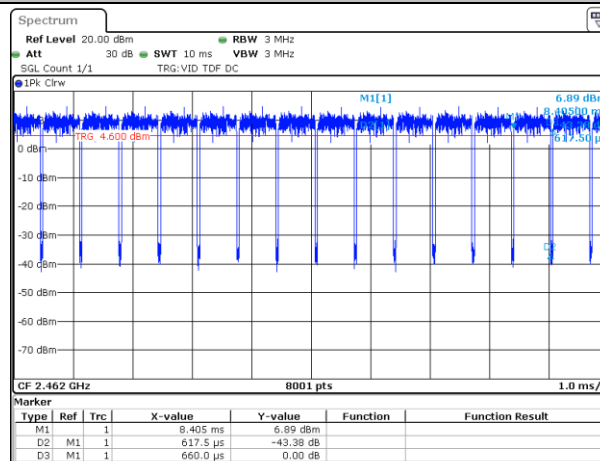
Date: 3.SEP.2026 16:39:43

NTNV_802.11g(20M)_2437_6Mbps_ANT1



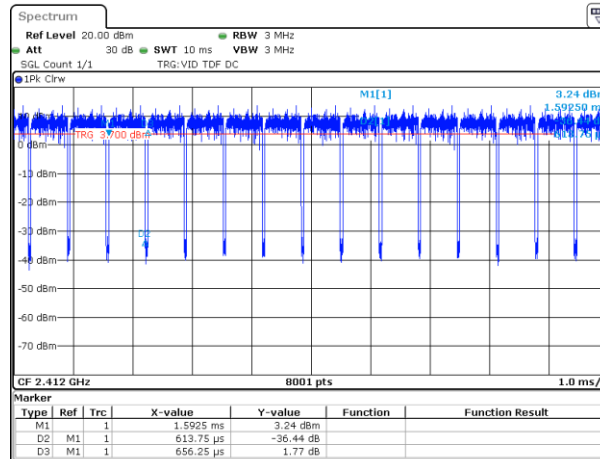
Date: 3.SEP.2026 16:42:43

NTNV_802.11g(20M)_2462_6Mbps_ANT1



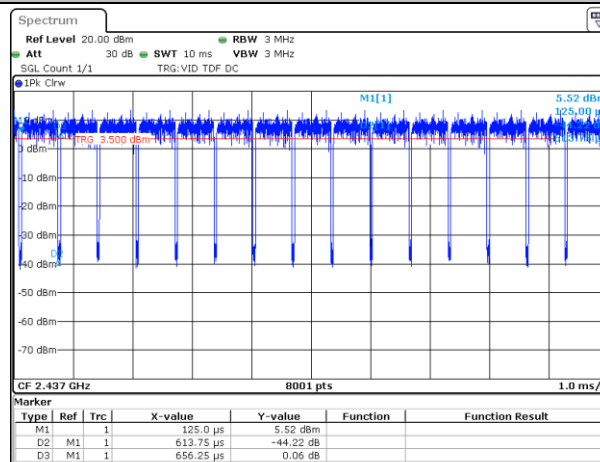
Date: 3.SEP.2026 16:45:12

NTNV_802.11n(20M)_2412_MCS0_ANT1



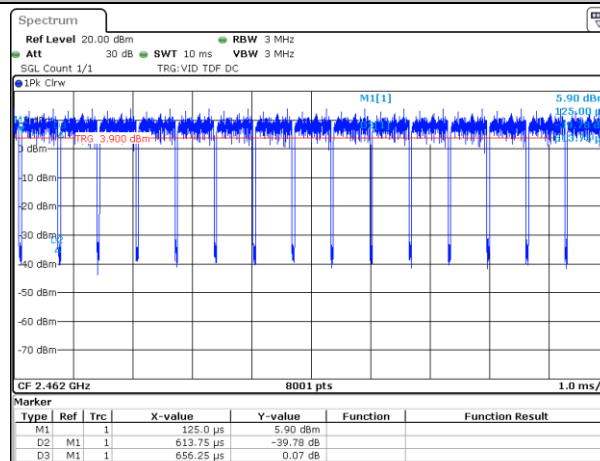
Date: 3.SEP.2026 16:48:32

NTNV_802.11n(20M)_2437_MCS0_ANT1



Date: 3.SEP.2026 16:51:48

NTNV_802.11n(20M)_2462_MCS0_ANT1



Date: 3.SEP.2026 16:54:12