



**CQASZ20260701600E FCC-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   | Emissions in Restricted Bands  | Pass    |
| 8   | Duty Cycle                     | Pass    |

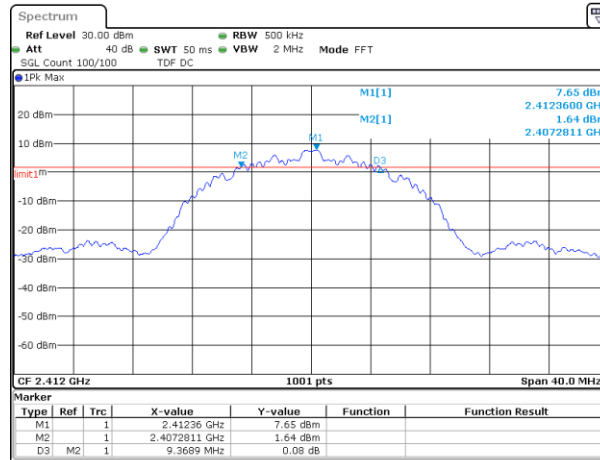
## Appendix A: DTS Bandwidth

### 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    | 9.37                       | 2407.00  | 2417.00  | $\geq 0.5$  | Pass    |
| 2   | NTNV           | 802.11b(20M) | 2437       | 1Mbps | ANT1    | 9.28                       | 2432.00  | 2442.00  | $\geq 0.5$  | Pass    |
| 3   | NTNV           | 802.11b(20M) | 2462       | 1Mbps | ANT1    | 9.32                       | 2457.00  | 2467.00  | $\geq 0.5$  | Pass    |
| 4   | NTNV           | 802.11g(20M) | 2412       | 6Mbps | ANT1    | 16.88                      | 2404.00  | 2420.00  | $\geq 0.5$  | Pass    |
| 5   | NTNV           | 802.11g(20M) | 2437       | 6Mbps | ANT1    | 16.43                      | 2429.00  | 2445.00  | $\geq 0.5$  | Pass    |
| 6   | NTNV           | 802.11g(20M) | 2462       | 6Mbps | ANT1    | 16.89                      | 2454.00  | 2470.00  | $\geq 0.5$  | Pass    |
| 7   | NTNV           | 802.11n(20M) | 2412       | MCS0  | ANT1    | 16.15                      | 2404.00  | 2420.00  | $\geq 0.5$  | Pass    |
| 8   | NTNV           | 802.11n(20M) | 2437       | MCS0  | ANT1    | 16.10                      | 2429.00  | 2445.00  | $\geq 0.5$  | Pass    |
| 9   | NTNV           | 802.11n(20M) | 2462       | MCS0  | ANT1    | 16.18                      | 2454.00  | 2470.00  | $\geq 0.5$  | Pass    |

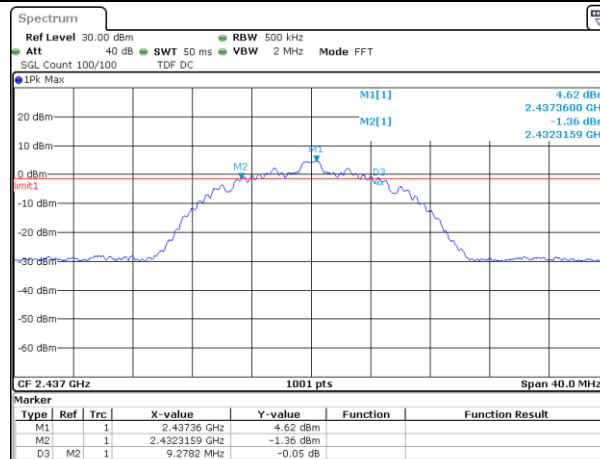
## Test Graphs

NTNV\_802.11b(20M)\_2412\_1Mbps\_ANT1



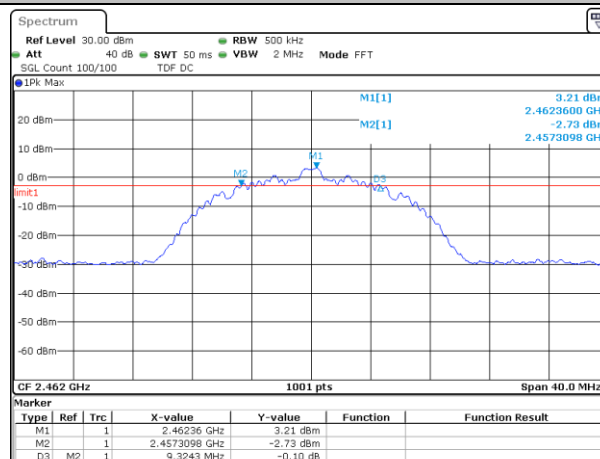
Date: 29 JUL 2026 10:48:39

NTNV\_802.11b(20M)\_2437\_1Mbps\_ANT1



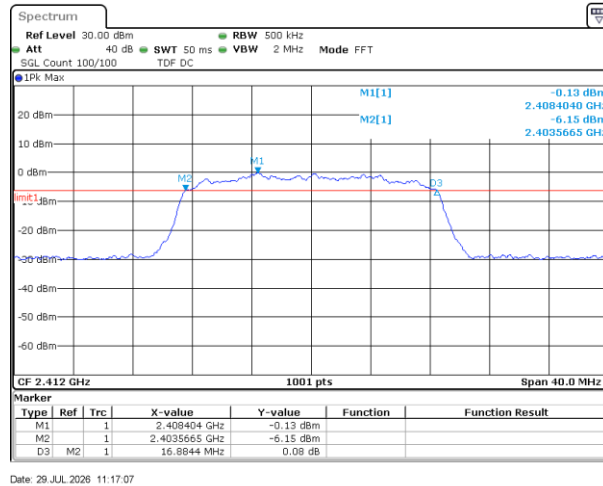
Date: 29 JUL 2026 11:03:13

NTNV\_802.11b(20M)\_2462\_1Mbps\_ANT1

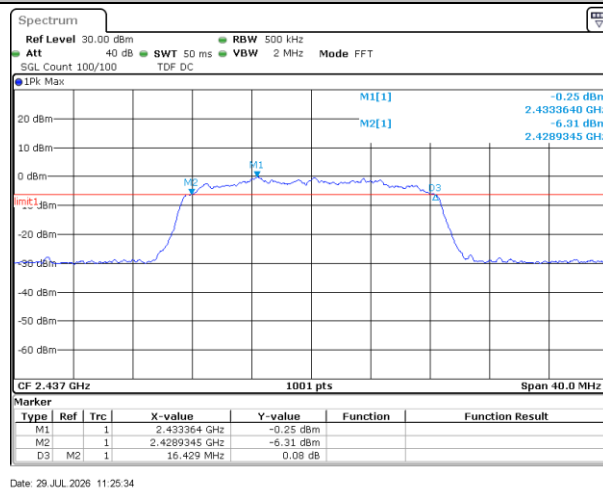


Date: 29 JUL 2026 11:07:35

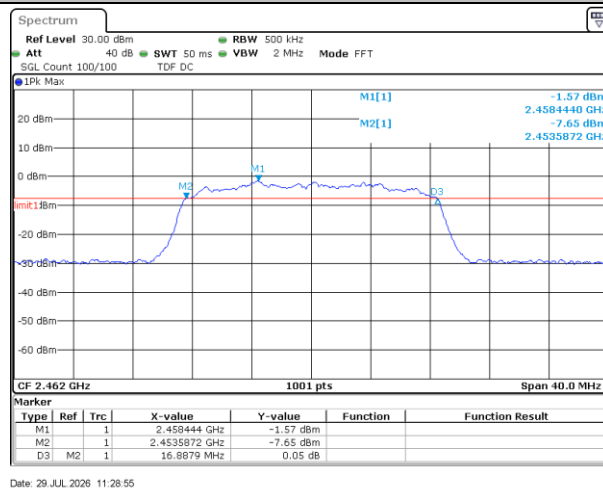
NTNV\_802.11g(20M)\_2412\_6Mbps\_ANT1



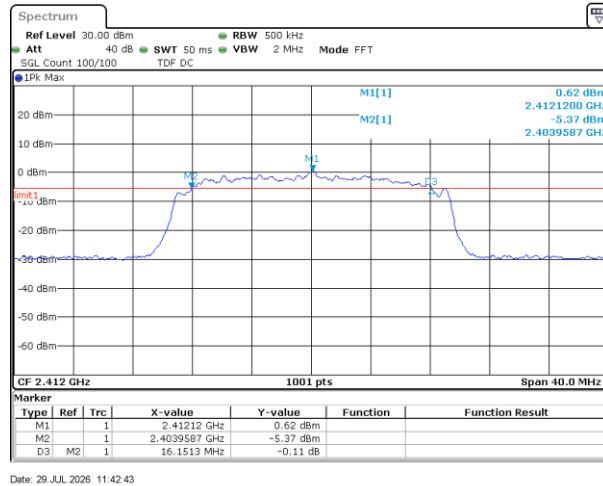
### NTNV\_802.11g(20M)\_2437\_6Mbps\_ANT1



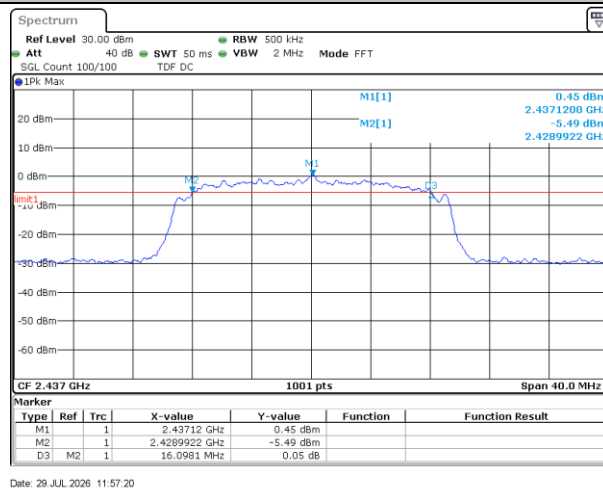
### NTNV\_802.11g(20M)\_2462\_6Mbps\_ANT1



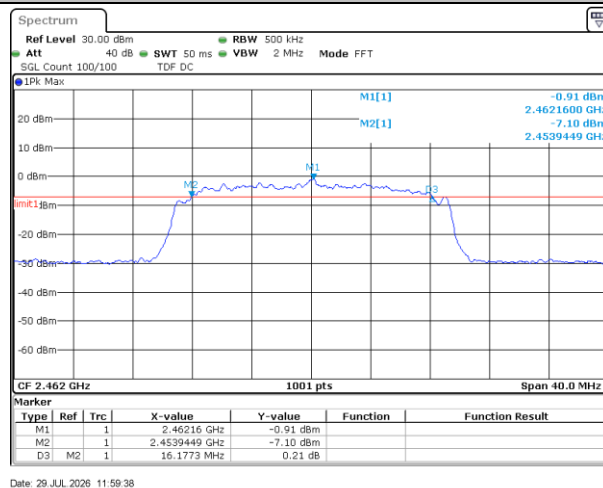
### NTNV\_802.11n(20M)\_2412\_MCS0\_ANT1



### NTNV\_802.11n(20M)\_2437\_MCS0\_ANT1



### NTNV\_802.11n(20M)\_2462\_MCS0\_ANT1



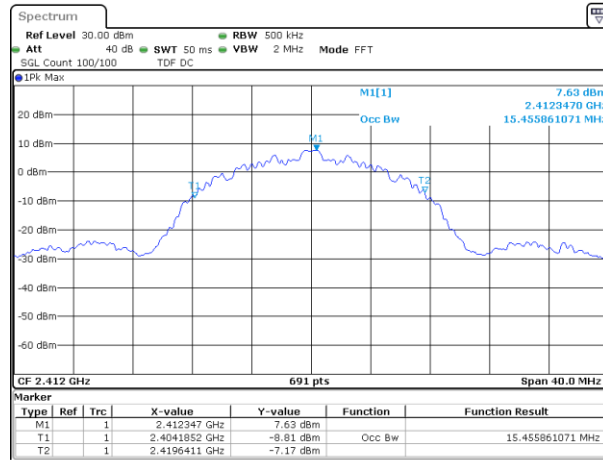
## Appendix B: Occupied Channel Bandwidth

### 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    | 15.46         | $\geq 0.5$  | 2404.00  | 2420.00  | Pass    |
| 2   | NTNV           | 802.11b(20 M) | 2437       | 1Mbps | ANT1    | 15.40         | $\geq 0.5$  | 2429.00  | 2445.00  | Pass    |
| 3   | NTNV           | 802.11b(20 M) | 2462       | 1Mbps | ANT1    | 15.69         | $\geq 0.5$  | 2454.00  | 2470.00  | Pass    |
| 4   | NTNV           | 802.11g(20 M) | 2412       | 6Mbps | ANT1    | 17.42         | $\geq 0.5$  | 2403.00  | 2421.00  | Pass    |
| 5   | NTNV           | 802.11g(20 M) | 2437       | 6Mbps | ANT1    | 17.42         | $\geq 0.5$  | 2428.00  | 2446.00  | Pass    |
| 6   | NTNV           | 802.11g(20 M) | 2462       | 6Mbps | ANT1    | 17.54         | $\geq 0.5$  | 2453.00  | 2471.00  | Pass    |
| 7   | NTNV           | 802.11n(20 M) | 2412       | MCS0  | ANT1    | 18.29         | $\geq 0.5$  | 2403.00  | 2421.00  | Pass    |
| 8   | NTNV           | 802.11n(20 M) | 2437       | MCS0  | ANT1    | 18.29         | $\geq 0.5$  | 2428.00  | 2446.00  | Pass    |
| 9   | NTNV           | 802.11n(20 M) | 2462       | MCS0  | ANT1    | 18.41         | $\geq 0.5$  | 2453.00  | 2471.00  | Pass    |

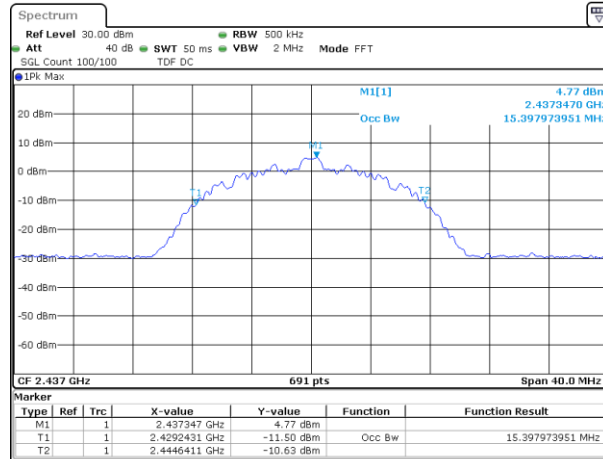
## Test Graphs

NTNV\_802.11b(20M)\_2412\_1Mbps\_ANT1



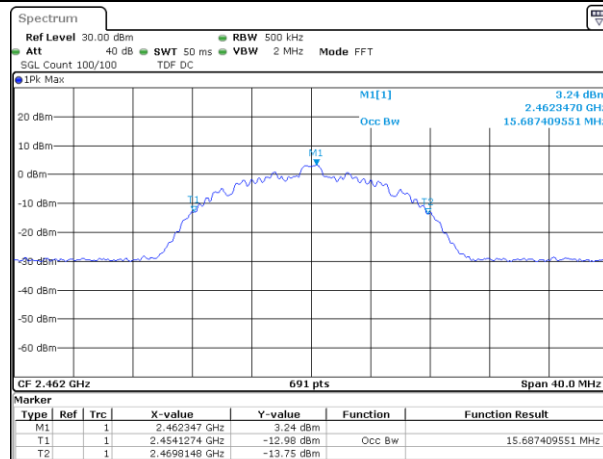
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NTNV\_802.11b(20M)\_2437\_1Mbps\_ANT1



Date: 29 JUL 2026 11:02:45

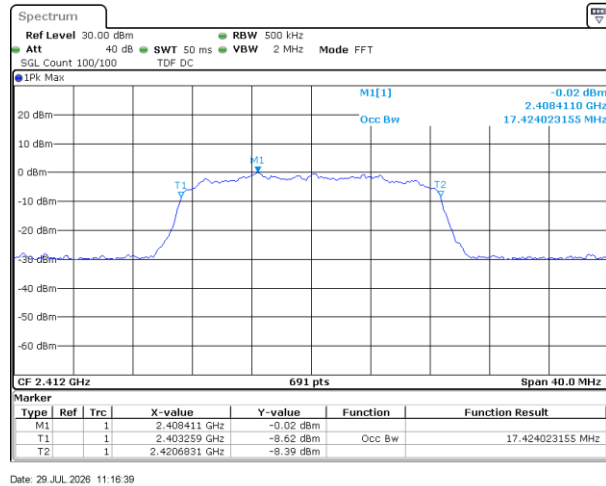
NTNV\_802.11b(20M)\_2462\_1Mbps\_ANT1



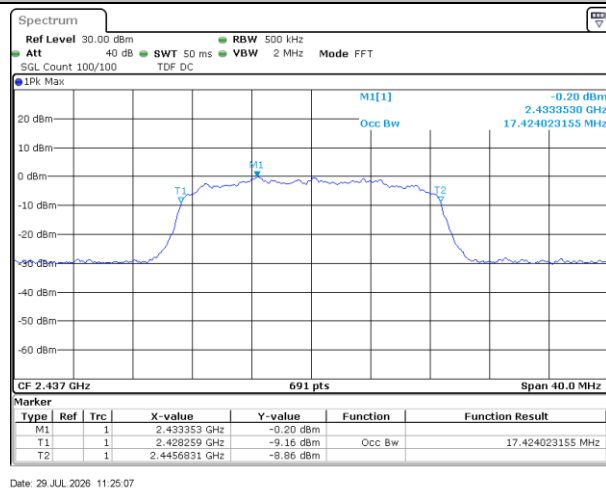
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NTNV\_802.11g(20M)\_2412\_6Mbps\_ANT1

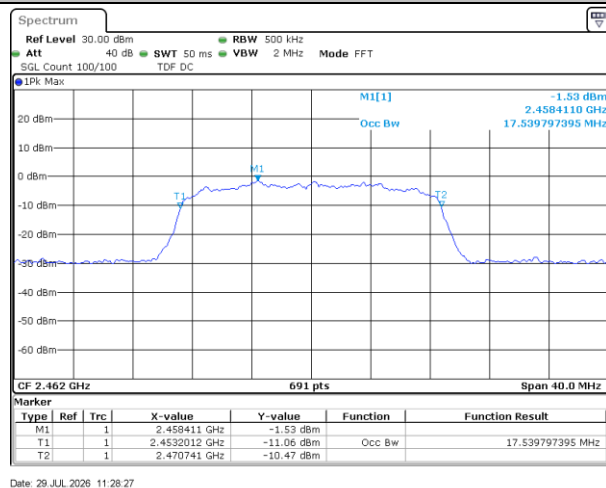




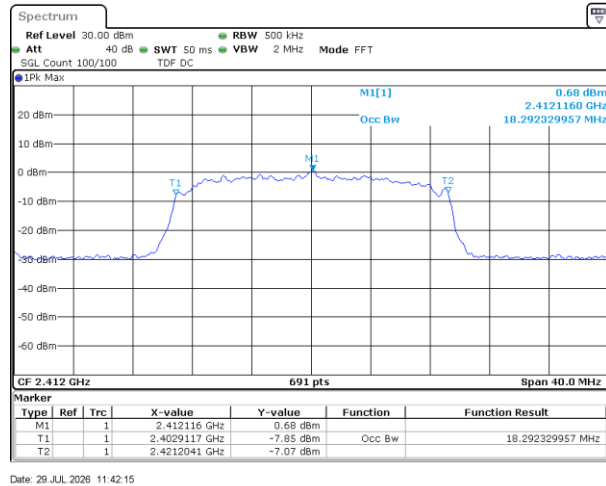
### NTNV\_802.11g(20M)\_2437\_6Mbps\_ANT1



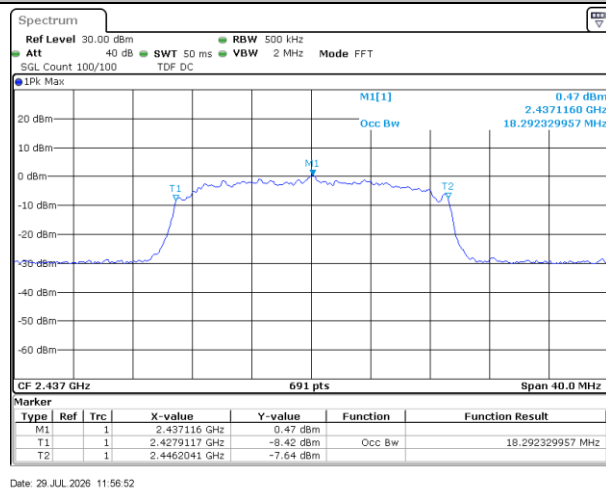
### NTNV\_802.11g(20M)\_2462\_6Mbps\_ANT1



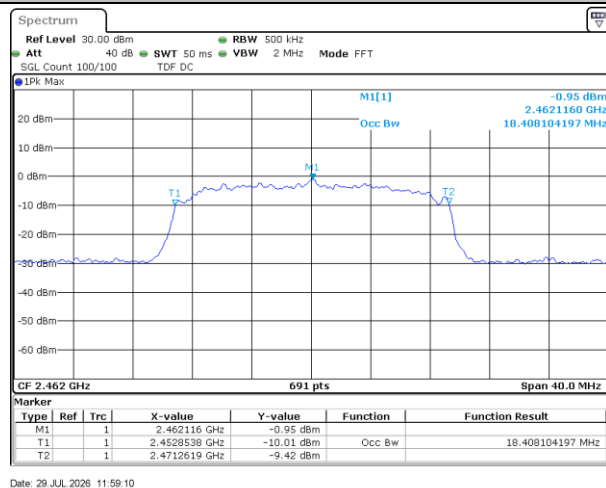
### NTNV\_802.11n(20M)\_2412\_MCS0\_ANT1



### NTNV\_802.11n(20M)\_2437\_MCS0\_ANT1



### NTNV\_802.11n(20M)\_2462\_MCS0\_ANT1



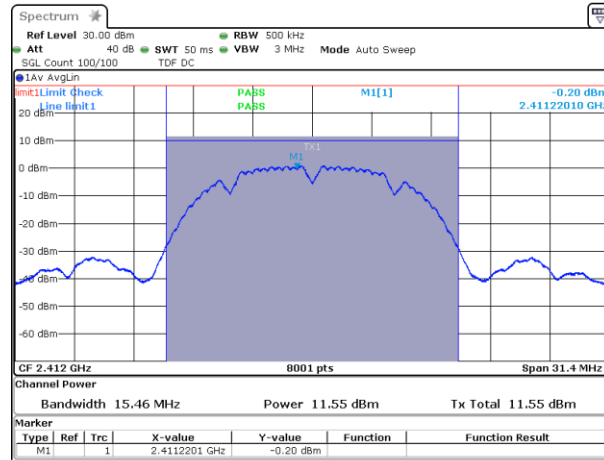
## Appendix C: Maximum conducted output power

### 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    | 11.55                      | ≤30                   | Pass    |
| 2   | NTNV           | 802.11b(20 M) | 2437       | AVER     | ANT1    | 8.51                       | ≤30                   | Pass    |
| 3   | NTNV           | 802.11b(20 M) | 2462       | AVER     | ANT1    | 7.27                       | ≤30                   | Pass    |
| 4   | NTNV           | 802.11g(20 M) | 2412       | AVER     | ANT1    | 3.91                       | ≤30                   | Pass    |
| 5   | NTNV           | 802.11g(20 M) | 2437       | AVER     | ANT1    | 3.77                       | ≤30                   | Pass    |
| 6   | NTNV           | 802.11g(20 M) | 2462       | AVER     | ANT1    | 2.49                       | ≤30                   | Pass    |
| 7   | NTNV           | 802.11n(20 M) | 2412       | AVER     | ANT1    | 3.95                       | ≤30                   | Pass    |
| 8   | NTNV           | 802.11n(20 M) | 2437       | AVER     | ANT1    | 3.76                       | ≤30                   | Pass    |
| 9   | NTNV           | 802.11n(20 M) | 2462       | AVER     | ANT1    | 2.50                       | ≤30                   | Pass    |

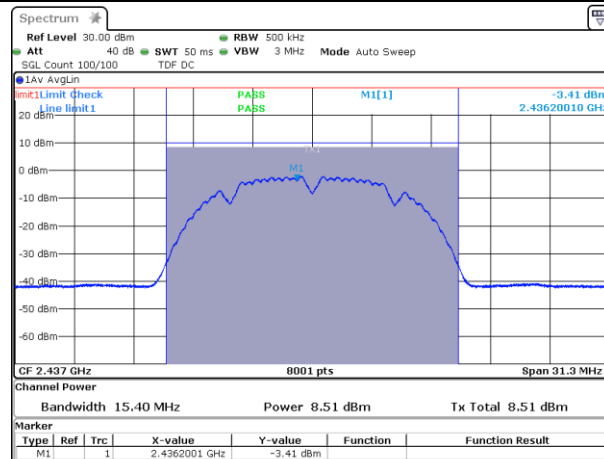
## Test Graphs

NTNV\_802.11b(20M)\_2412\_1Mbps\_ANT1\_AV



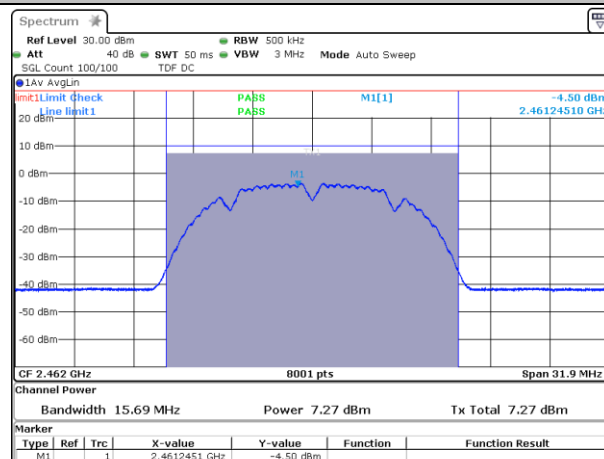
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NTNV\_802.11b(20M)\_2437\_1Mbps\_ANT1\_AV



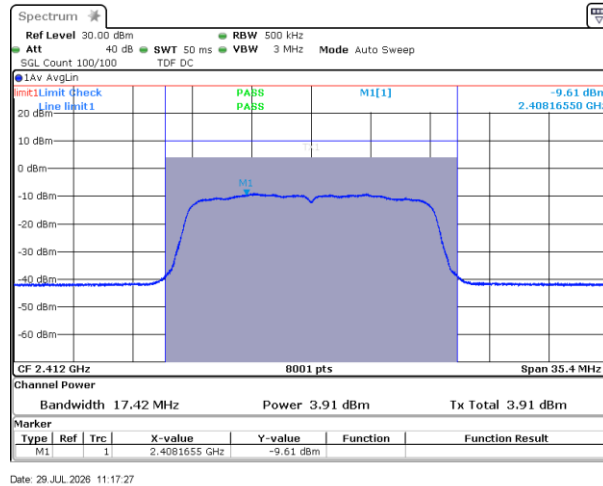
Date: 29 JUL 2026 11:03:33

NTNV\_802.11b(20M)\_2462\_1Mbps\_ANT1\_AV

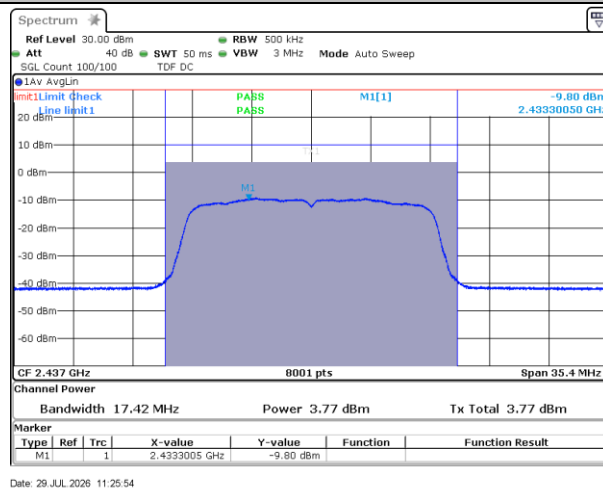


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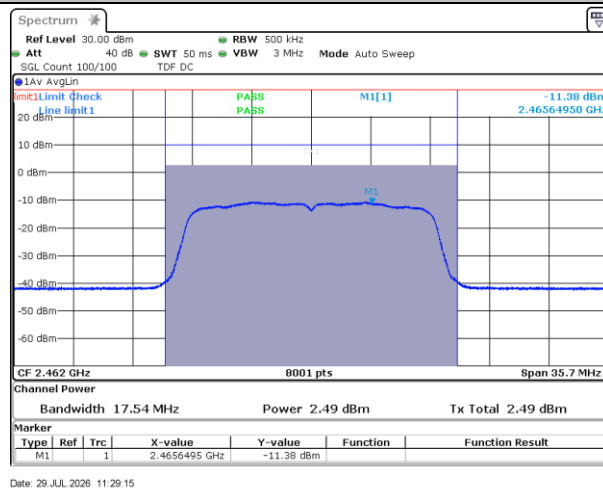
NTNV\_802.11g(20M)\_2412\_6Mbps\_ANT1\_AV



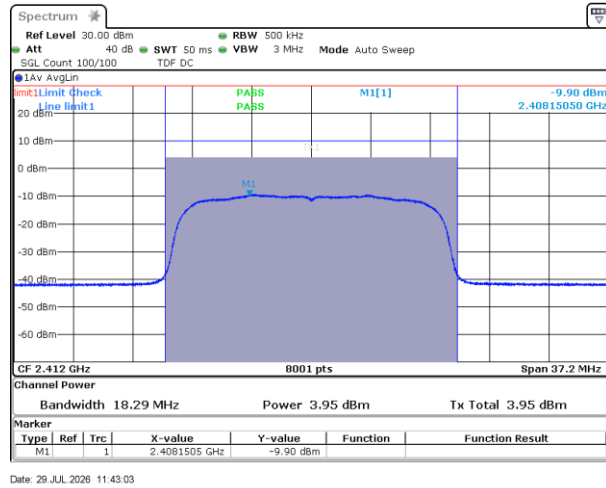
### NTNV\_802.11g(20M)\_2437\_6Mbps\_ANT1\_AV



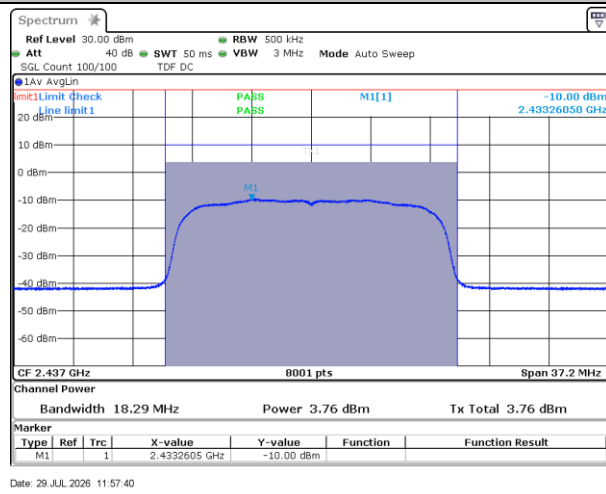
### NTNV\_802.11g(20M)\_2462\_6Mbps\_ANT1\_AV



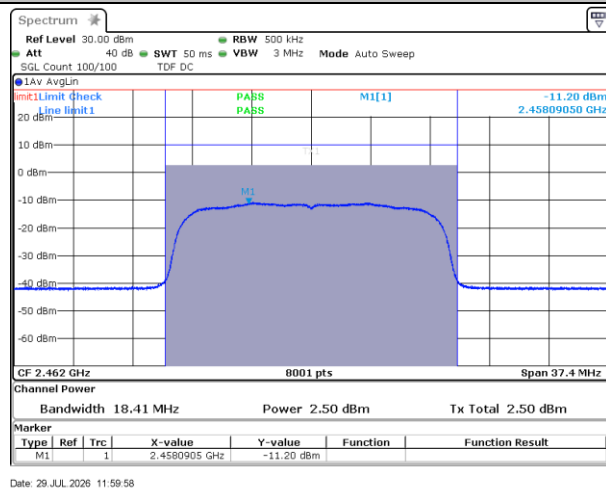
### NTNV\_802.11n(20M)\_2412\_MCS0\_ANT1\_AV



### NTNV\_802.11n(20M)\_2437\_MCS0\_ANT1\_AV



### NTNV\_802.11n(20M)\_2462\_MCS0\_ANT1\_AV



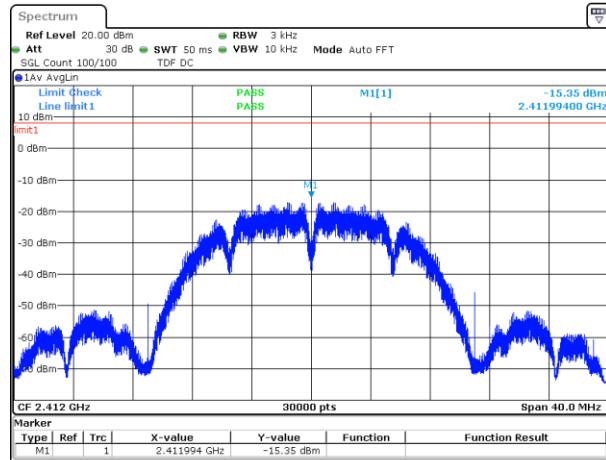
## Appendix D: Maximum power spectral density

### 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    | -15.35                            | $\leq 8$         | Pass    |
| 2   | NTNV           | 802.11b(20M) | 2437       | 1Mbps | ANT1    | -18.74                            | $\leq 8$         | Pass    |
| 3   | NTNV           | 802.11b(20M) | 2462       | 1Mbps | ANT1    | -20.23                            | $\leq 8$         | Pass    |
| 4   | NTNV           | 802.11g(20M) | 2412       | 6Mbps | ANT1    | -24.22                            | $\leq 8$         | Pass    |
| 5   | NTNV           | 802.11g(20M) | 2437       | 6Mbps | ANT1    | -24.06                            | $\leq 8$         | Pass    |
| 6   | NTNV           | 802.11g(20M) | 2462       | 6Mbps | ANT1    | -25.28                            | $\leq 8$         | Pass    |
| 7   | NTNV           | 802.11n(20M) | 2412       | MCS0  | ANT1    | -24.45                            | $\leq 8$         | Pass    |
| 8   | NTNV           | 802.11n(20M) | 2437       | MCS0  | ANT1    | -24.60                            | $\leq 8$         | Pass    |
| 9   | NTNV           | 802.11n(20M) | 2462       | MCS0  | ANT1    | -26.07                            | $\leq 8$         | Pass    |

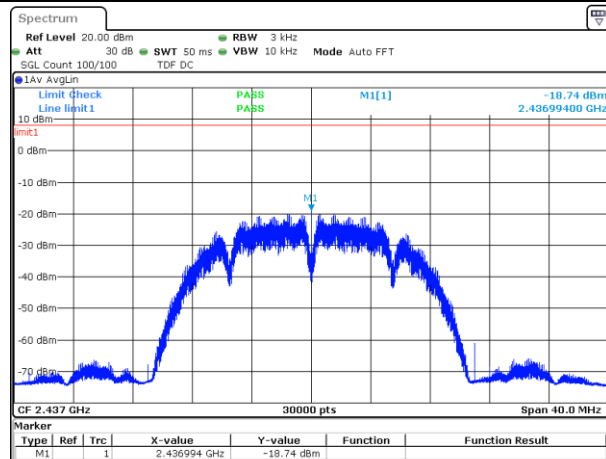
## Test Graphs

NTNV\_802.11b(20M)\_2412\_1Mbps\_ANT1



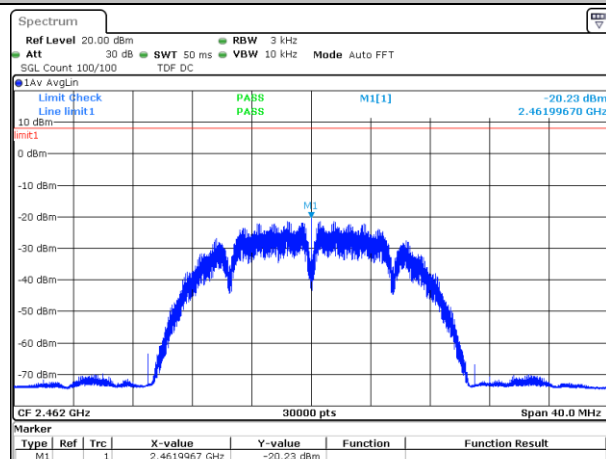
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NTNV\_802.11b(20M)\_2437\_1Mbps\_ANT1



Date: 29 JUL 2026 11:03:52

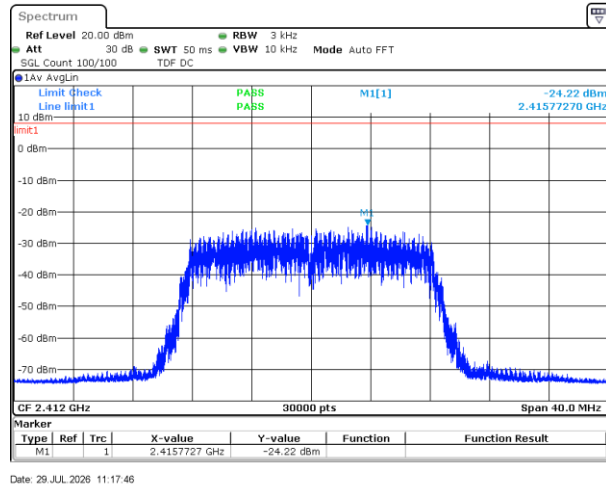
NTNV\_802.11b(20M)\_2462\_1Mbps\_ANT1



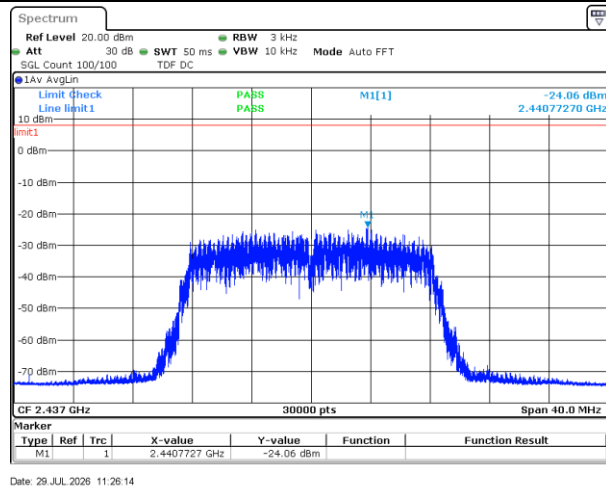
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NTNV\_802.11g(20M)\_2412\_6Mbps\_ANT1

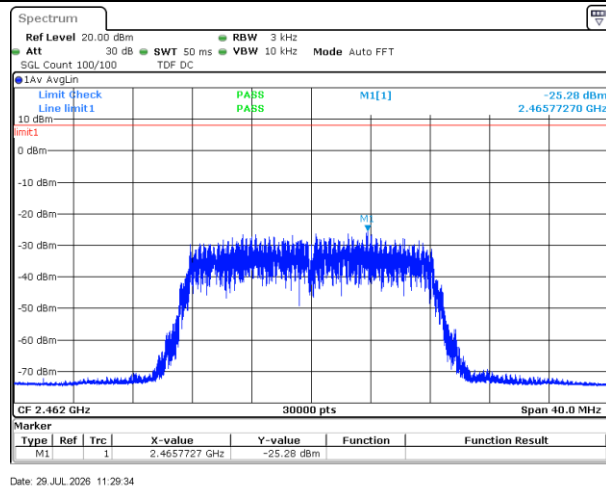




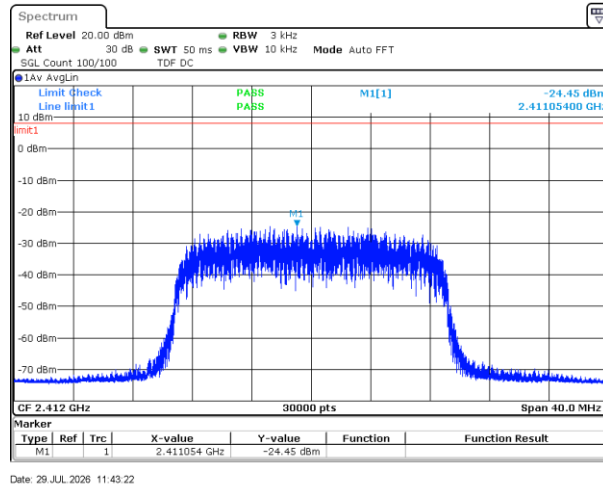
### NTNV\_802.11g(20M)\_2437\_6Mbps\_ANT1



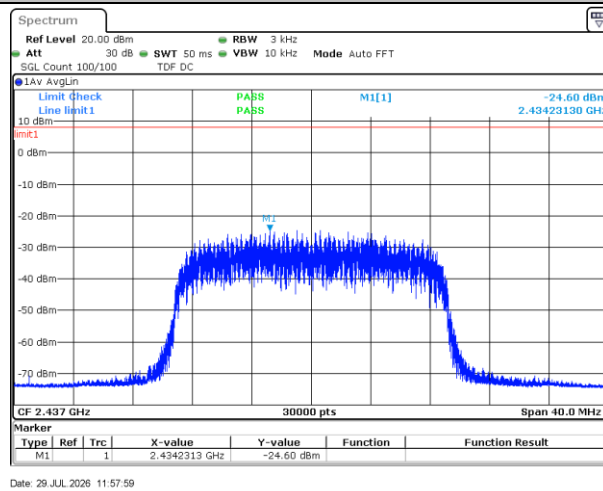
### NTNV\_802.11g(20M)\_2462\_6Mbps\_ANT1



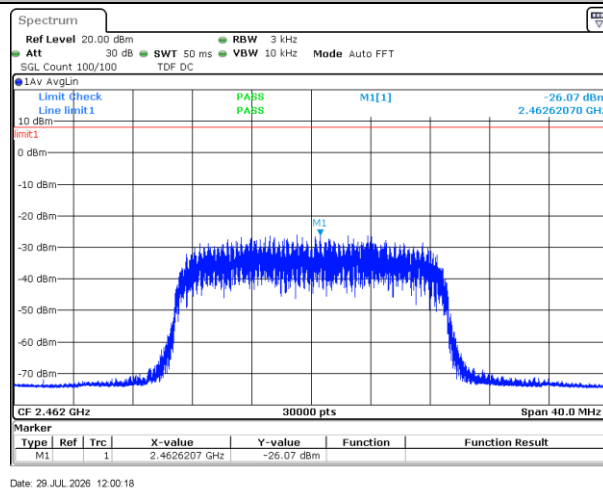
### NTNV\_802.11n(20M)\_2412\_MCS0\_ANT1



### NTNV\_802.11n(20M)\_2437\_MCS0\_ANT1



### NTNV\_802.11n(20M)\_2462\_MCS0\_ANT1



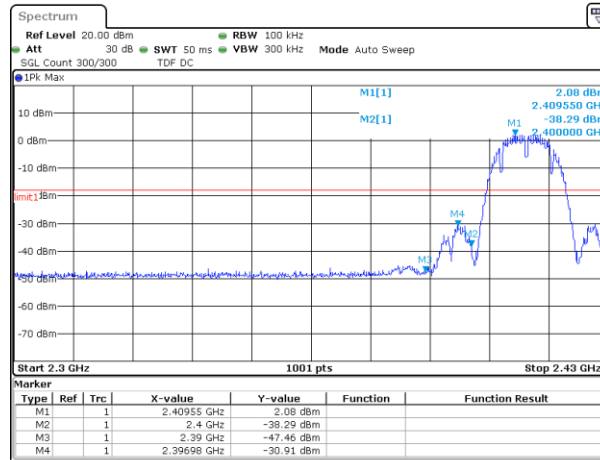
## Appendix E: Band edge measurements

### 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    | 2.08            | -30.91               | $\leq -17.92$ | Pass    |
| 2   | NTNV           | 802.11b(20M) | 2462       | 1Mbps | ANT1    | -2.42           | -45.98               | $\leq -22.42$ | Pass    |
| 3   | NTNV           | 802.11g(20M) | 2412       | 6Mbps | ANT1    | -5.91           | -44.37               | $\leq -25.91$ | Pass    |
| 4   | NTNV           | 802.11g(20M) | 2462       | 6Mbps | ANT1    | -7.32           | -46.58               | $\leq -27.32$ | Pass    |
| 5   | NTNV           | 802.11n(20M) | 2412       | MCS0  | ANT1    | -5.88           | -46.01               | $\leq -25.88$ | Pass    |
| 6   | NTNV           | 802.11n(20M) | 2462       | MCS0  | ANT1    | -7.29           | -45.69               | $\leq -27.29$ | Pass    |

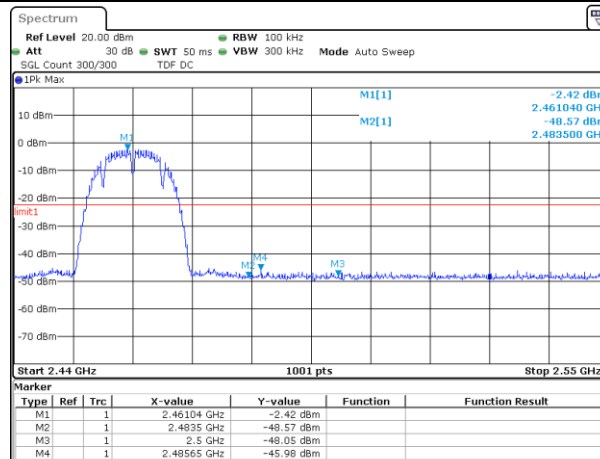
## Test Graphs

NTNV\_802.11b(20M)\_2412\_1Mbps\_ANT1



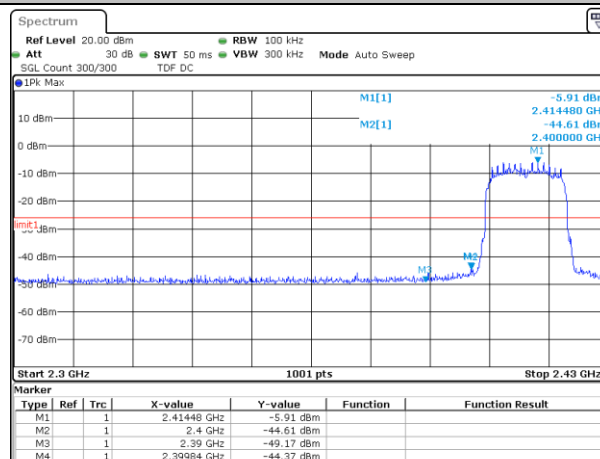
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NTNV\_802.11b(20M)\_2462\_1Mbps\_ANT1



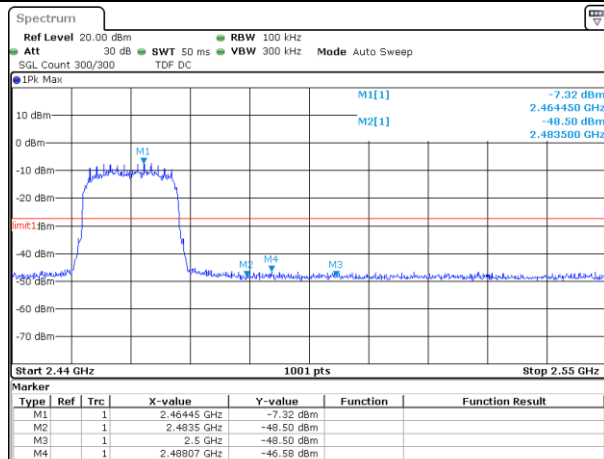
Date: 29 JUL 2026 11:08:33

NTNV\_802.11g(20M)\_2412\_6Mbps\_ANT1



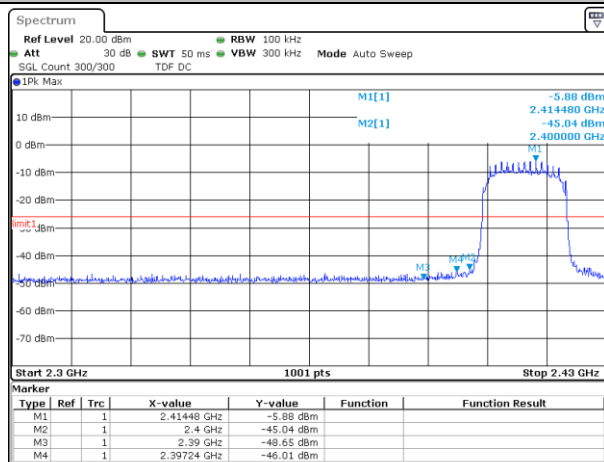
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NTNV\_802.11g(20M)\_2462\_6Mbps\_ANT1



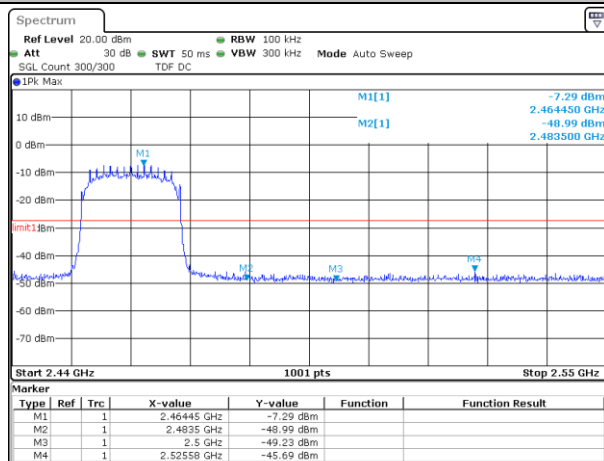
Date: 29 JUL 2026 11:29:53

### NTNV\_802.11n(20M)\_2412\_MCS0\_ANT1



Date: 29 JUL 2026 11:43:46

### NTNV\_802.11n(20M)\_2462\_MCS0\_ANT1



Date: 29 JUL 2026 12:00:36

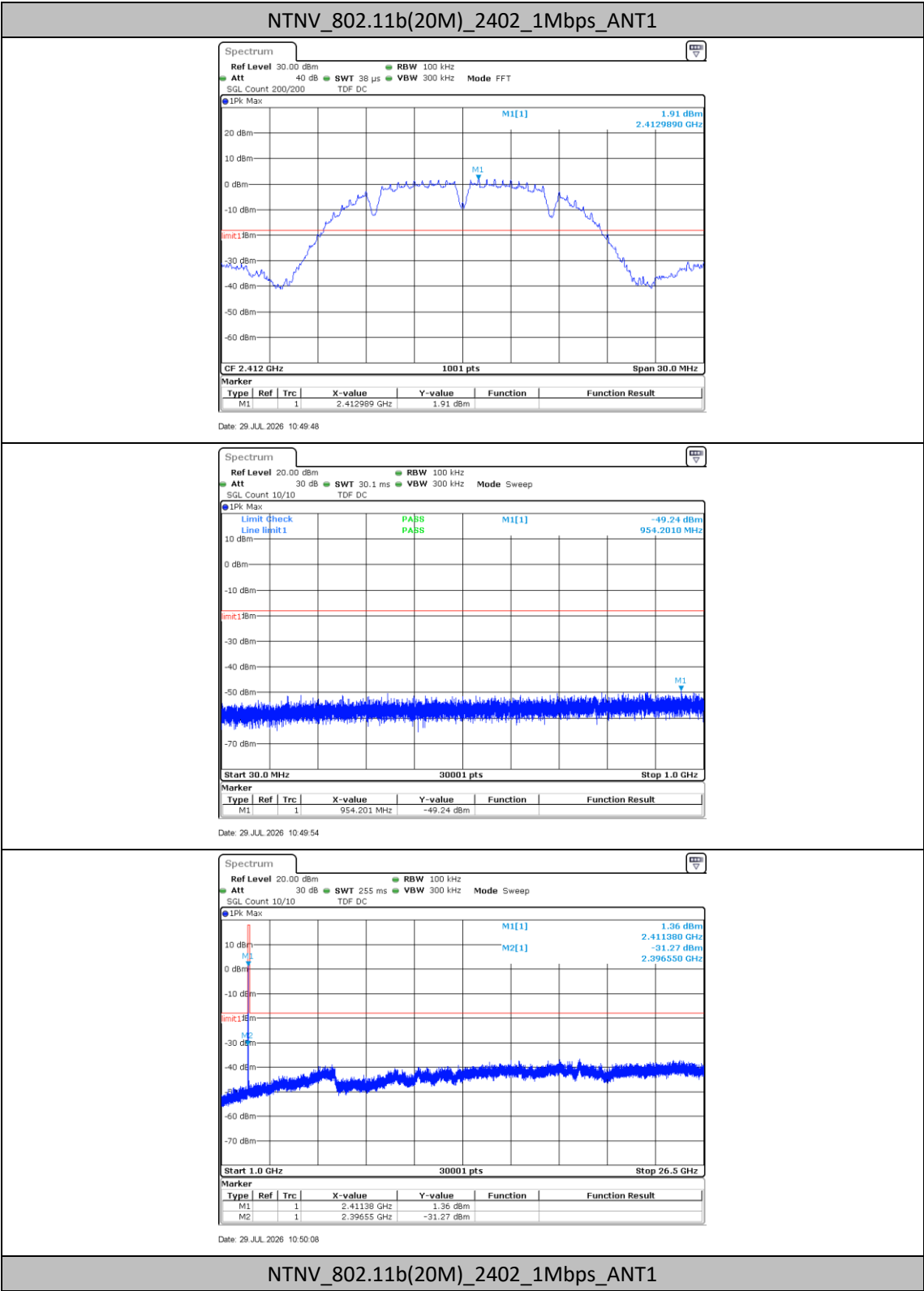
## Appendix F: Conducted Spurious Emission

### Test Result

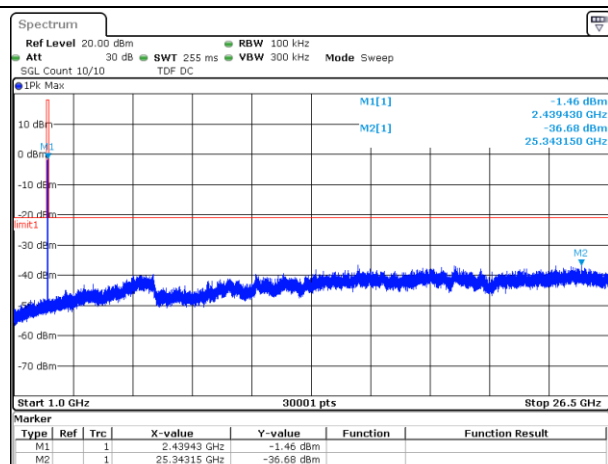
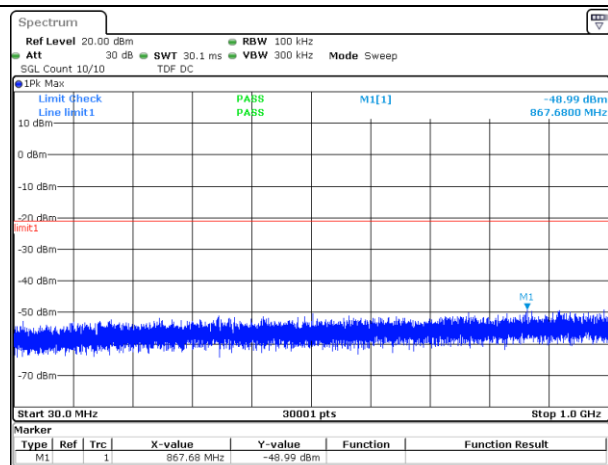
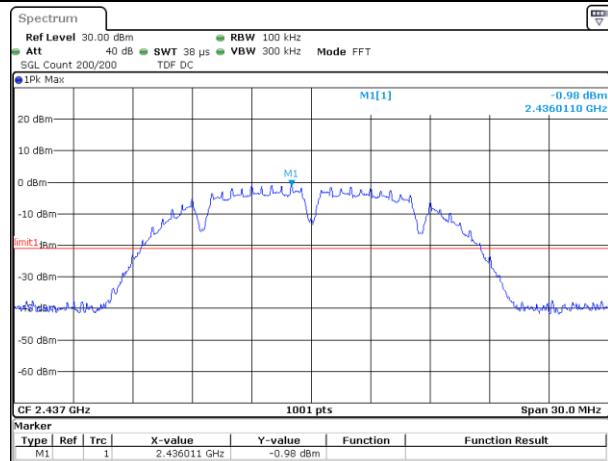
| NO. | Test Condition | Test Mode    | Freq (MHz) | Rate  | Antenna | Frequency Range (MHz) | Ref Level (MHz) | Max Power (dBm) | Limit (dBm) | Verdict |
|-----|----------------|--------------|------------|-------|---------|-----------------------|-----------------|-----------------|-------------|---------|
| 1   | NTNV           | 802.11b(20M) | 2402       | 1Mbps | ANT1    | Reference             | 0.1             | 1.91            | /           | PASS    |
|     |                |              |            |       |         | 30~1000               | 0.1             | -49.24          | ≤-18.09     | Pass    |
|     |                |              |            |       |         | 1000~26500            | 0.1             | -31.26          | ≤-18.09     | Pass    |
| 2   | NTNV           | 802.11b(20M) | 2402       | 1Mbps | ANT1    | Reference             | 0.1             | -0.98           | /           | PASS    |
|     |                |              |            |       |         | 30~1000               | 0.1             | -48.99          | ≤-20.98     | Pass    |
|     |                |              |            |       |         | 1000~26500            | 0.1             | -36.68          | ≤-20.98     | Pass    |
| 3   | NTNV           | 802.11b(20M) | 2402       | 1Mbps | ANT1    | Reference             | 0.1             | -2.89           | /           | PASS    |
|     |                |              |            |       |         | 30~1000               | 0.1             | -48.68          | ≤-22.89     | Pass    |
|     |                |              |            |       |         | 1000~26500            | 0.1             | -36.17          | ≤-22.89     | Pass    |
| 4   | NTNV           | 802.11g(20M) | 2402       | 6Mbps | ANT1    | Reference             | 0.1             | -5.94           | /           | PASS    |
|     |                |              |            |       |         | 30~1000               | 0.1             | -48.80          | ≤-25.94     | Pass    |
|     |                |              |            |       |         | 1000~26500            | 0.1             | -36.41          | ≤-25.94     | Pass    |
| 5   | NTNV           | 802.11g(20M) | 2402       | 6Mbps | ANT1    | Reference             | 0.1             | -6.26           | /           | PASS    |
|     |                |              |            |       |         | 30~1000               | 0.1             | -49.13          | ≤-26.26     | Pass    |
|     |                |              |            |       |         | 1000~26500            | 0.1             | -36.27          | ≤-26.26     | Pass    |
| 6   | NTNV           | 802.11g(20M) | 2402       | 6Mbps | ANT1    | Reference             | 0.1             | -7.45           | /           | PASS    |
|     |                |              |            |       |         | 30~1000               | 0.1             | -49.22          | ≤-27.45     | Pass    |
|     |                |              |            |       |         | 1000~26500            | 0.1             | -36.17          | ≤-27.45     | Pass    |
| 7   | NTNV           | 802.11n(20M) | 2402       | MCS0  | ANT1    | Reference             | 0.1             | -5.85           | /           | PASS    |
|     |                |              |            |       |         | 30~1000               | 0.1             | -49.65          | ≤-25.85     | Pass    |
|     |                |              |            |       |         | 1000~26500            | 0.1             | -36.01          | ≤-25.85     | Pass    |
| 8   | NTNV           | 802.11n(20M) | 2402       | MCS0  | ANT1    | Reference             | 0.1             | -6.15           | /           | PASS    |
|     |                |              |            |       |         | 30~1000               | 0.1             | -49.18          | ≤-26.15     | Pass    |
|     |                |              |            |       |         | 1000~26500            | 0.1             | -36.35          | ≤-26.15     | Pass    |
| 9   | NTNV           | 802.11n(20M) | 2402       | MCS0  | ANT1    | Reference             | 0.1             | -7.2            | /           | PASS    |

|  |  |  |  |  |  |            |     |        |               |      |
|--|--|--|--|--|--|------------|-----|--------|---------------|------|
|  |  |  |  |  |  | 30~1000    | 0.1 | -49.31 | $\leq -27.20$ | Pass |
|  |  |  |  |  |  | 1000~26500 | 0.1 | -36.42 | $\leq -27.20$ | Pass |

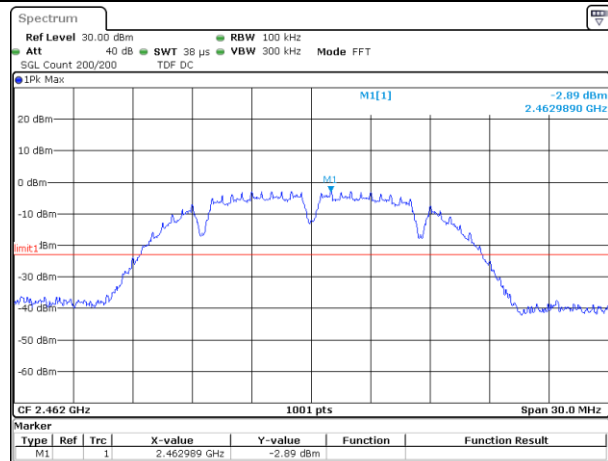
Test Graphs



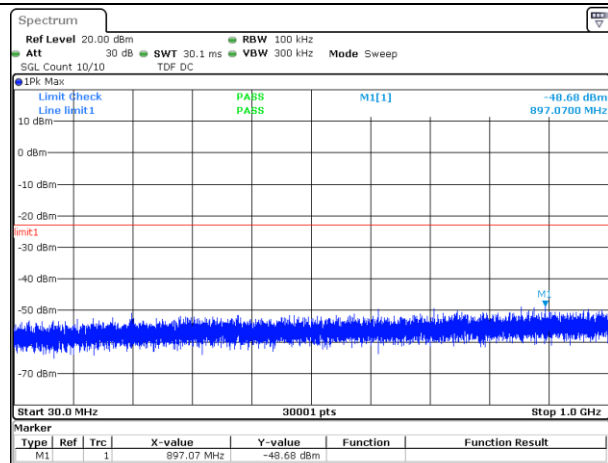




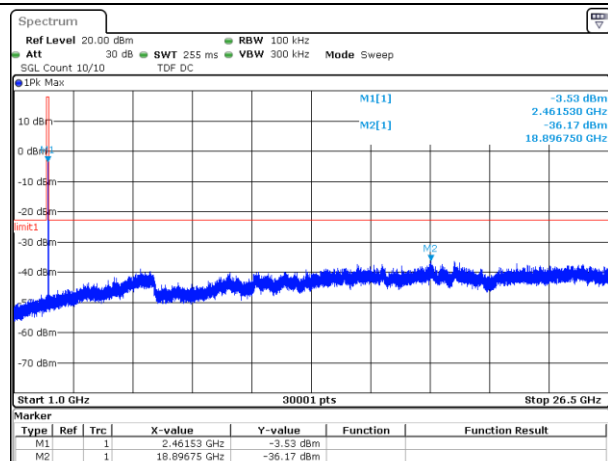
NTNV\_802.11b(20M)\_2402\_1Mbps\_ANT1



Date: 29 JUL 2026 11:08:38

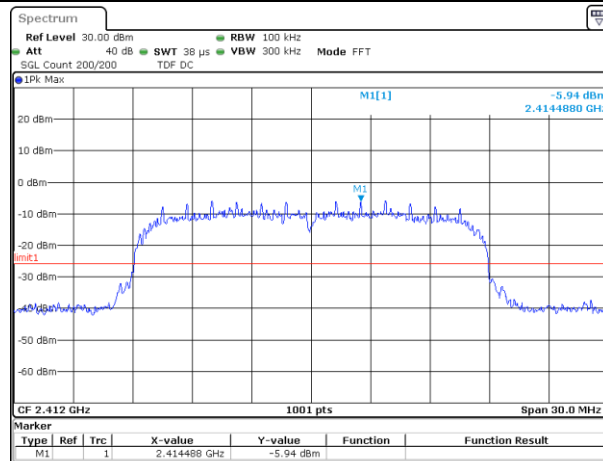


Date: 29 JUL 2026 11:08:44

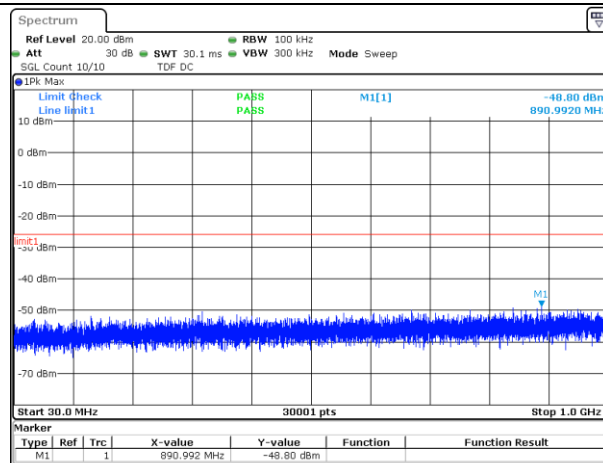


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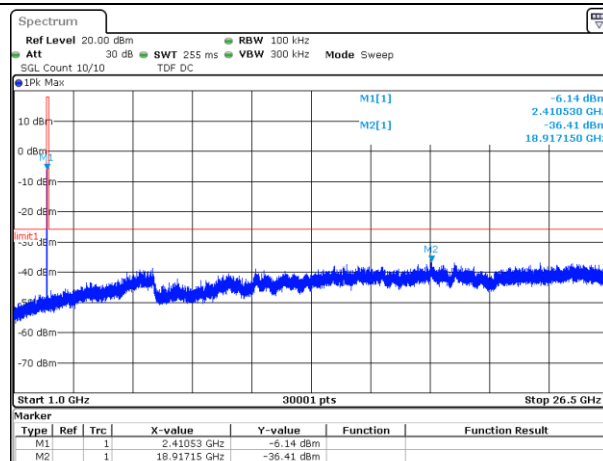
NTNV\_802.11g(20M)\_2402\_6Mbps\_ANT1



Date: 29 JUL 2026 11:18:15

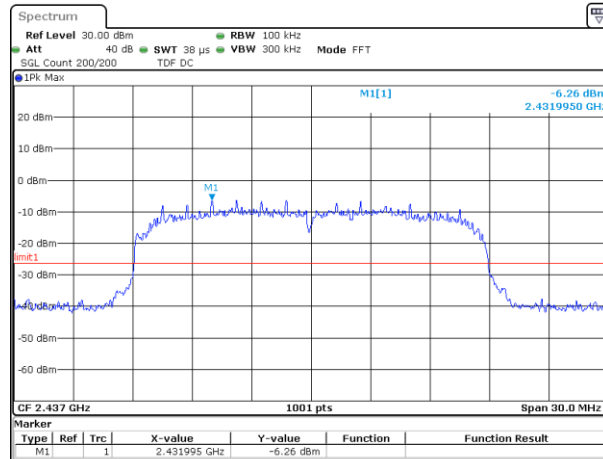


Date: 29 JUL 2026 11:18:21

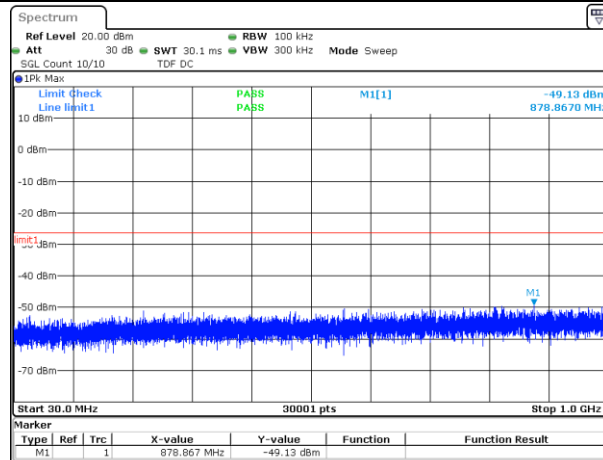


Date: 29 JUL 2026 11:18:35

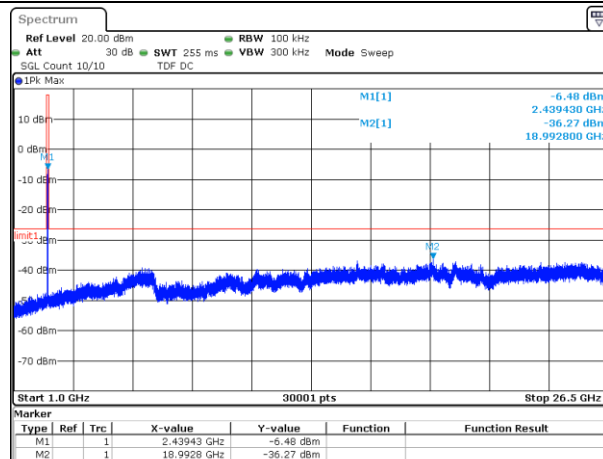
NTNV\_802.11g(20M)\_2402\_6Mbps\_ANT1



Date: 29 JUL 2026 11:26:19

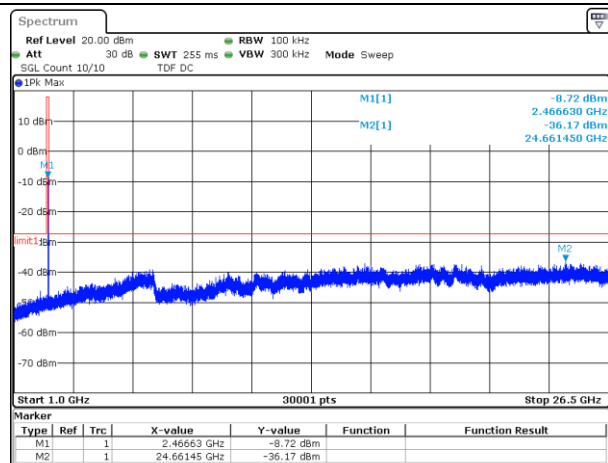
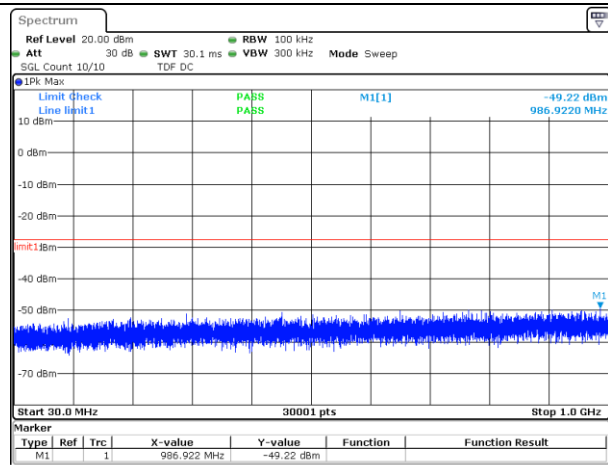
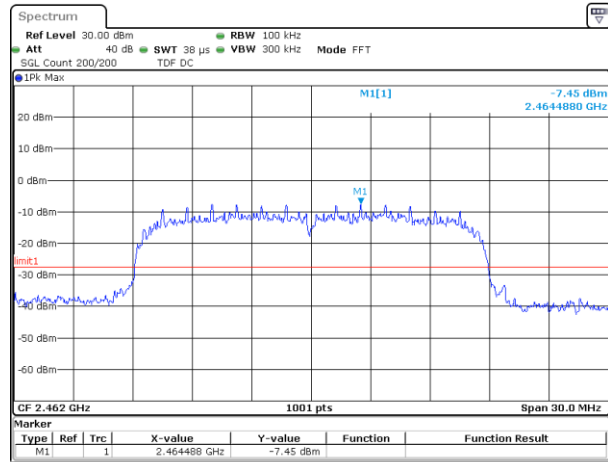


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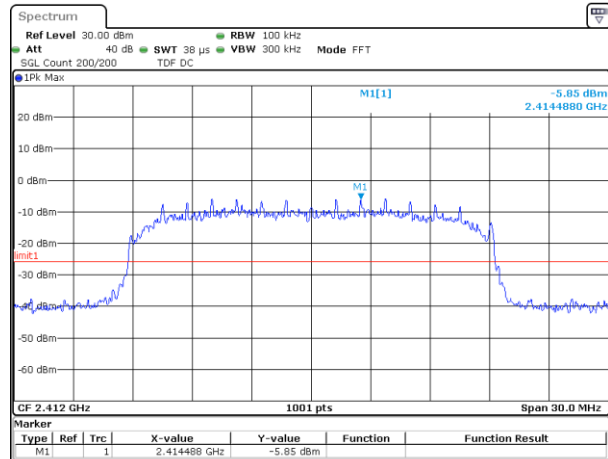


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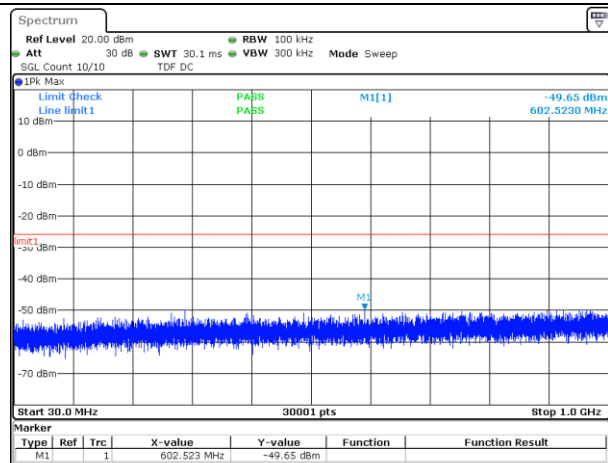
NTNV\_802.11g(20M)\_2402\_6Mbps\_ANT1



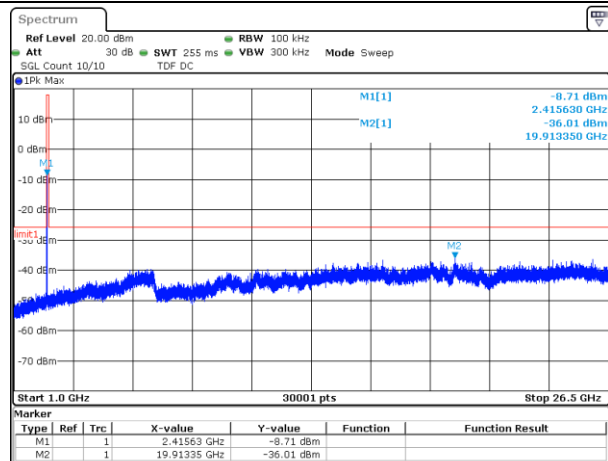
NTNV\_802.11n(20M)\_2402\_MCS0\_ANT1



Date: 29 JUL 2026 11:43:51

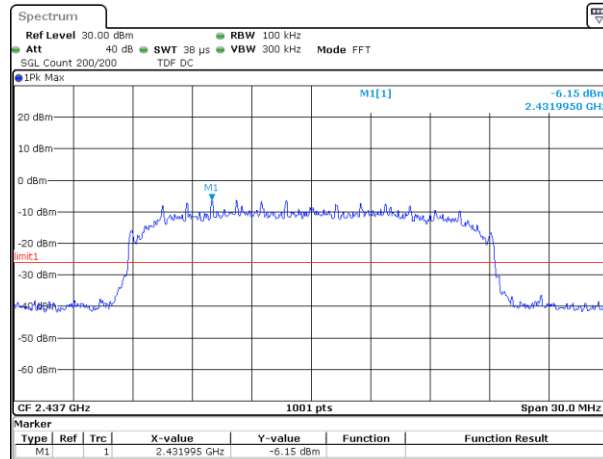


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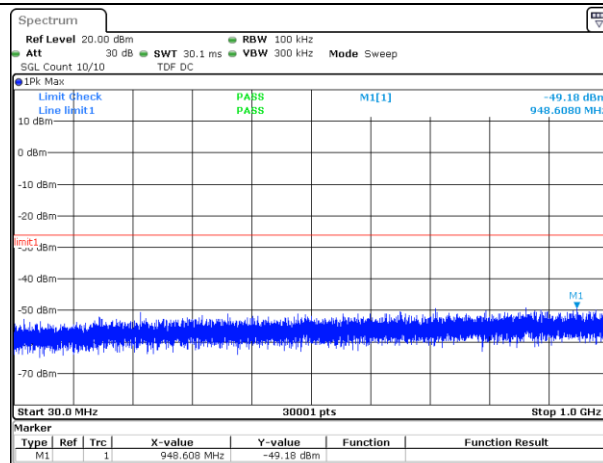


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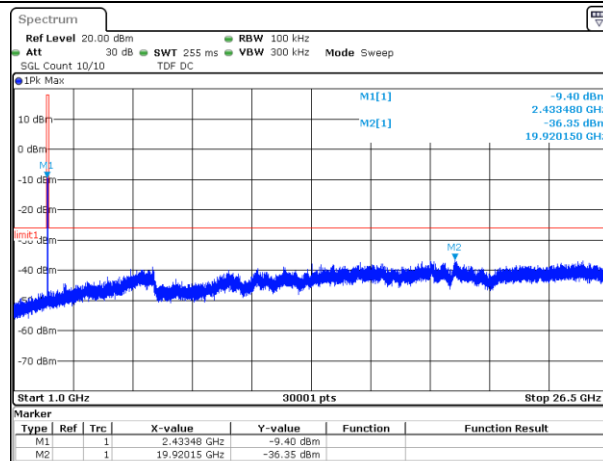
NTNV\_802.11n(20M)\_2402\_MCS0\_ANT1



Date: 29 JUL 2026 11:58:05



Date: 29 JUL 2026 11:58:11



Date: 29 JUL 2026 11:58:25

NTNV\_802.11n(20M)\_2402\_MCS0\_ANT1

