



**CQASZ20260701489E-02**

### Summary

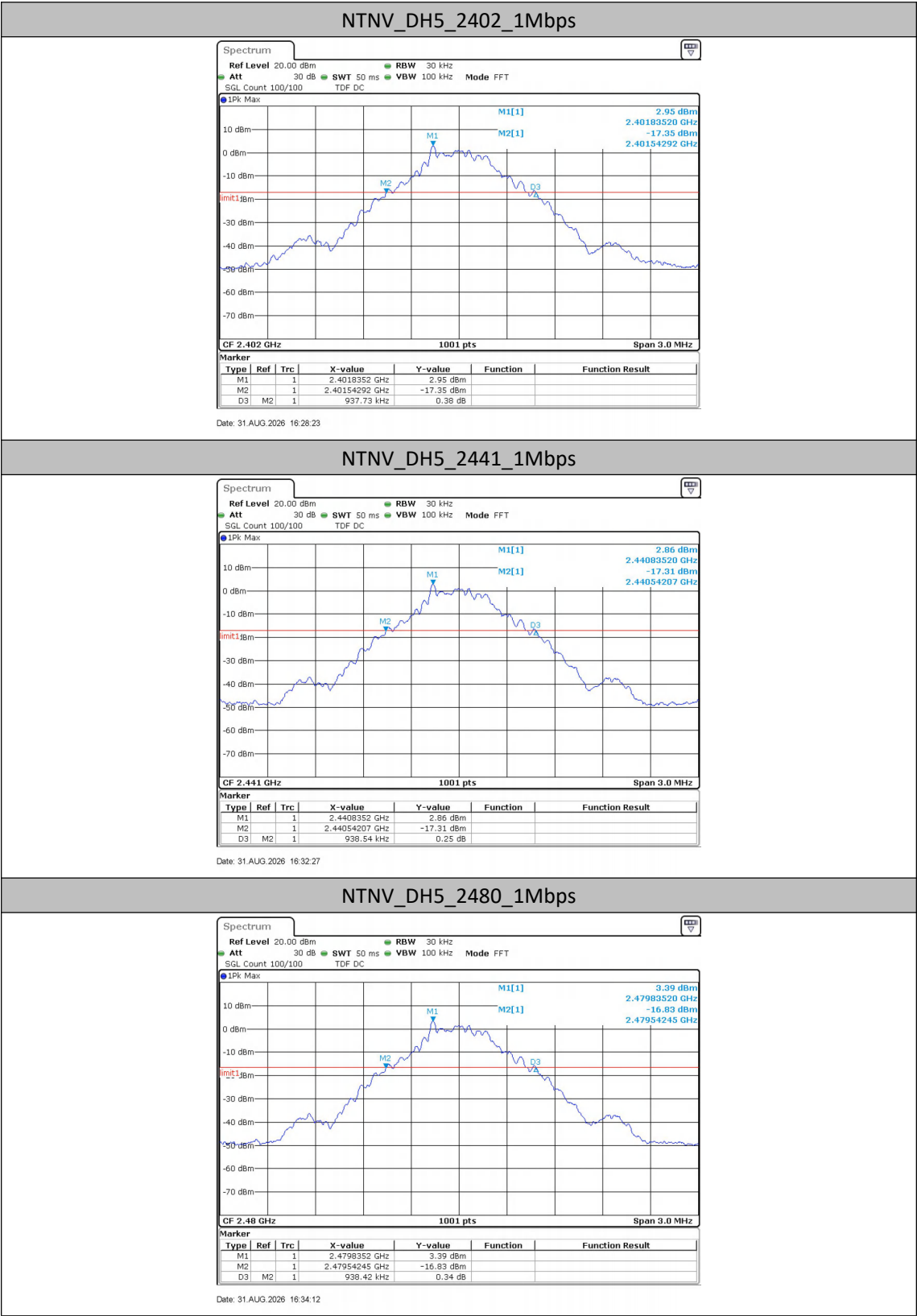
| NO. | Item                           | Verdict |
|-----|--------------------------------|---------|
| 1   | 20dB Emission Bandwidth        | Pass    |
| 2   | Occupied Channel Bandwidth     | Pass    |
| 3   | Maximum conducted output power | Pass    |
| 4   | Carrier frequency separation   | Pass    |
| 5   | Time of occupancy              | Pass    |
| 6   | Number of hopping channels     | Pass    |
| 7   | Band edge measurements         | Pass    |
| 8   | Conducted Spurious Emission    | Pass    |
| 9   | Emissions in Restricted Bands  | Pass    |
| 10  | Duty Cycle                     | Pass    |

## Appendix A: 20dB Emission Bandwidth

### Test Result

| NO. | Test Condition | Test Mode | Freq (MHz) | Rate  | Antenna | BW (MHz) | FL (MHz) | FH (MHz) | Limit (MHz) | Verdict |
|-----|----------------|-----------|------------|-------|---------|----------|----------|----------|-------------|---------|
| 1   | NTNV           | DH5       | 2402       | 1Mbps | ANT1    | 0.94     | 2401.54  | 2402.48  | -           | -       |
| 2   | NTNV           | DH5       | 2441       | 1Mbps | ANT1    | 0.94     | 2440.54  | 2441.48  | -           | -       |
| 3   | NTNV           | DH5       | 2480       | 1Mbps | ANT1    | 0.94     | 2479.54  | 2480.48  | -           | -       |

Test Graphs

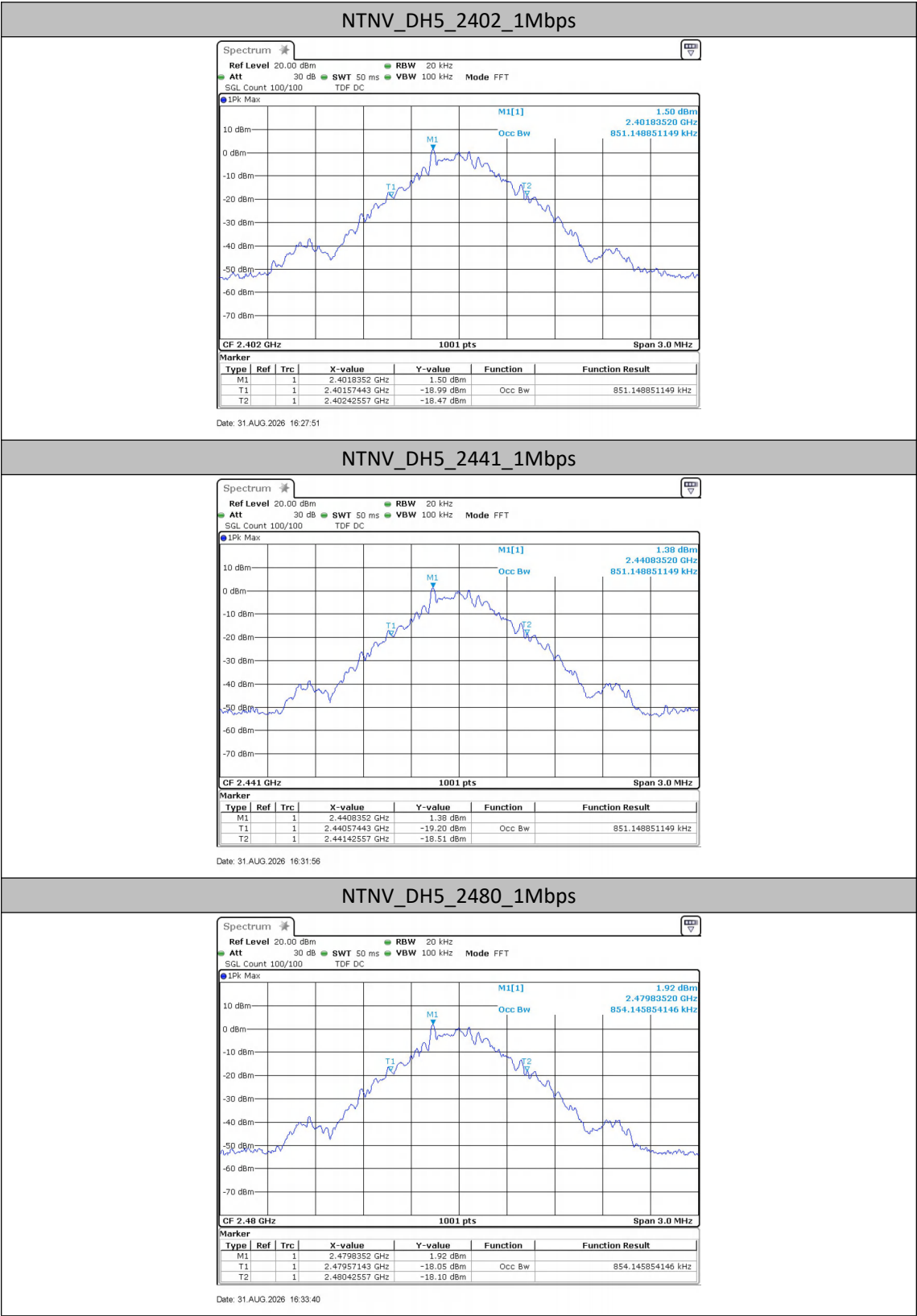


## Appendix B: Occupied Channel Bandwidth

### Test Result

| NO. | Test Condition | Test Mode | Freq (MHz) | Rate  | Antenna | 99% OBW (MHz) | Limit (MHz) | FL (MHz) | FH (MHz) | Verdict |
|-----|----------------|-----------|------------|-------|---------|---------------|-------------|----------|----------|---------|
| 1   | NTNV           | DH5       | 2402       | 1Mbps | ANT1    | 0.85          | -           | 2401.57  | 2402.43  | Pass    |
| 2   | NTNV           | DH5       | 2441       | 1Mbps | ANT1    | 0.85          | -           | 2440.57  | 2441.43  | Pass    |
| 3   | NTNV           | DH5       | 2480       | 1Mbps | ANT1    | 0.85          | -           | 2479.57  | 2480.43  | Pass    |

# Test Graphs

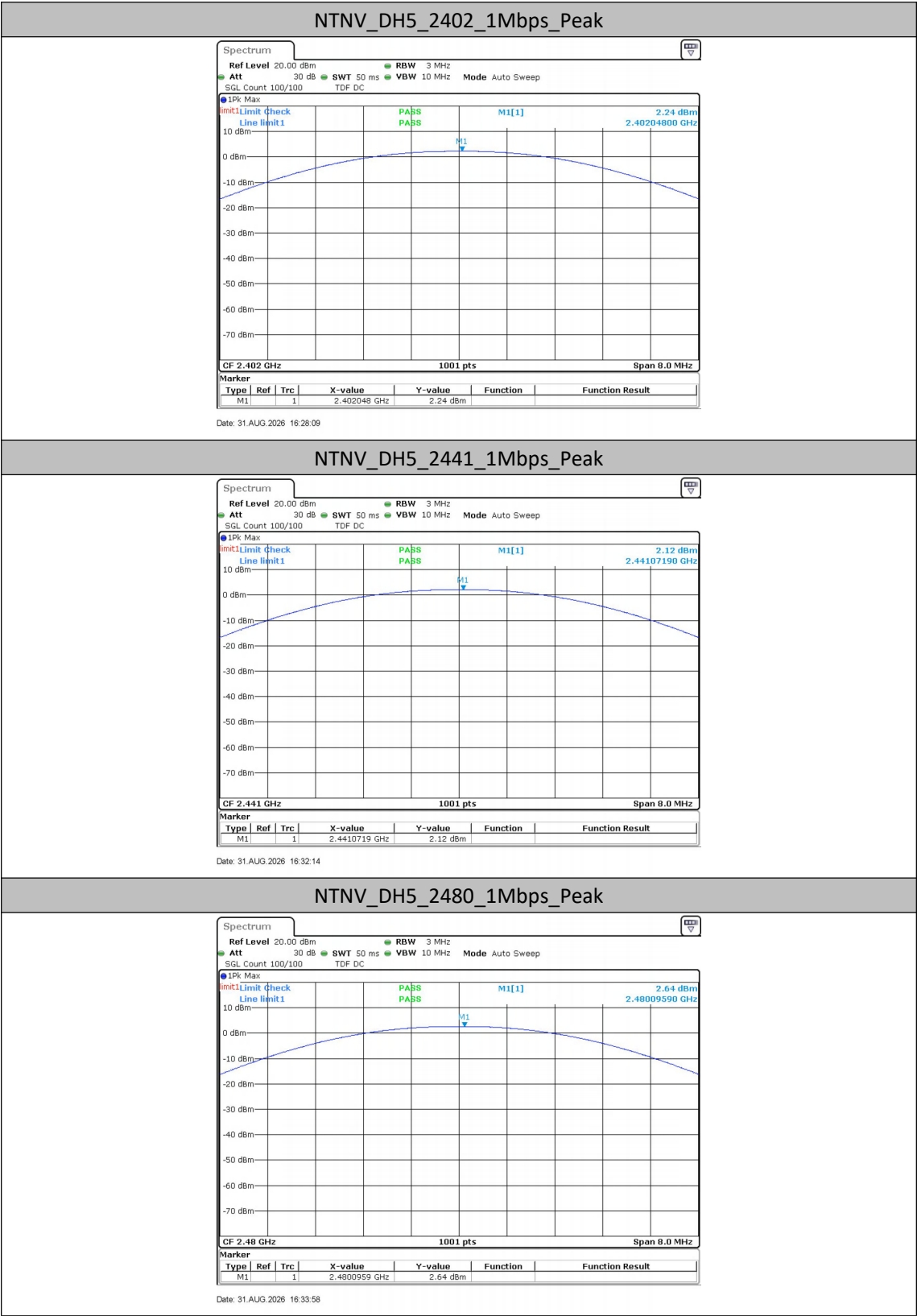


## Appendix C: Maximum conducted output power

### Test Result

| NO. | Test Condition | Test Mode | Freq (MHz) | Detector | Antenna | Conducted Peak Power (dBm) | Conducted Limit (dBm) | Verdict |
|-----|----------------|-----------|------------|----------|---------|----------------------------|-----------------------|---------|
| 1   | NTNV           | DH5       | 2402       | Peak     | ANT1    | 2.24                       | ≤30                   | Pass    |
| 2   | NTNV           | DH5       | 2441       | Peak     | ANT1    | 2.12                       | ≤30                   | Pass    |
| 3   | NTNV           | DH5       | 2480       | Peak     | ANT1    | 2.64                       | ≤30                   | Pass    |

Test Graphs

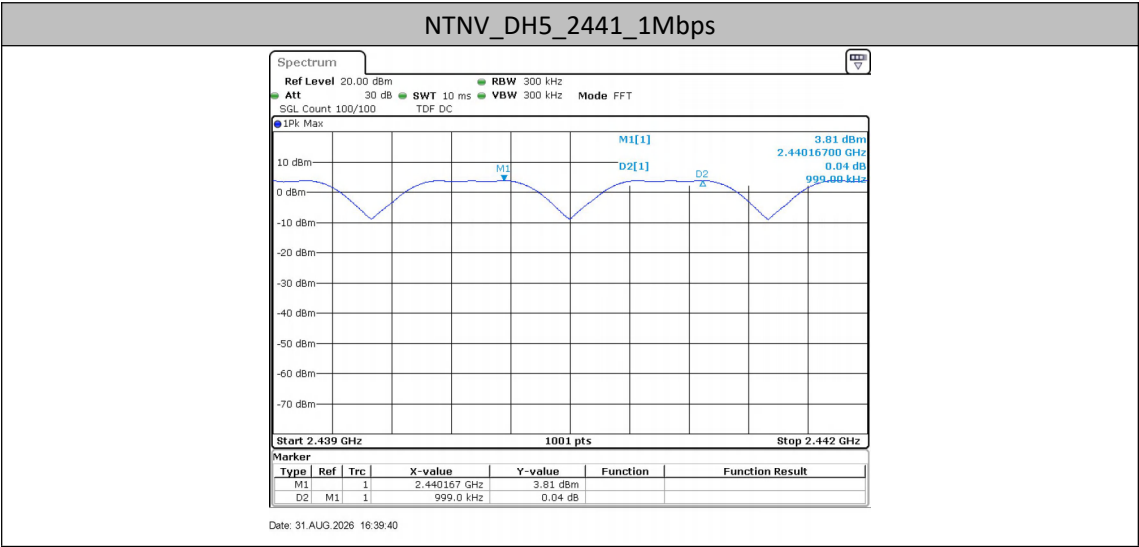


## Appendix D: Carrier frequency separation

### Test Result

| NO. | Test Condition | Test Mode | Freq (MHz) | Rate  | Antenna | Result (MHz) | Limit (MHz) | Verdict |
|-----|----------------|-----------|------------|-------|---------|--------------|-------------|---------|
| 1   | NTNV           | DH5 FHSS  | 2441       | 1Mbps | ANT1    | 1.00         | $\geq 0.63$ | Pass    |

Test Graphs

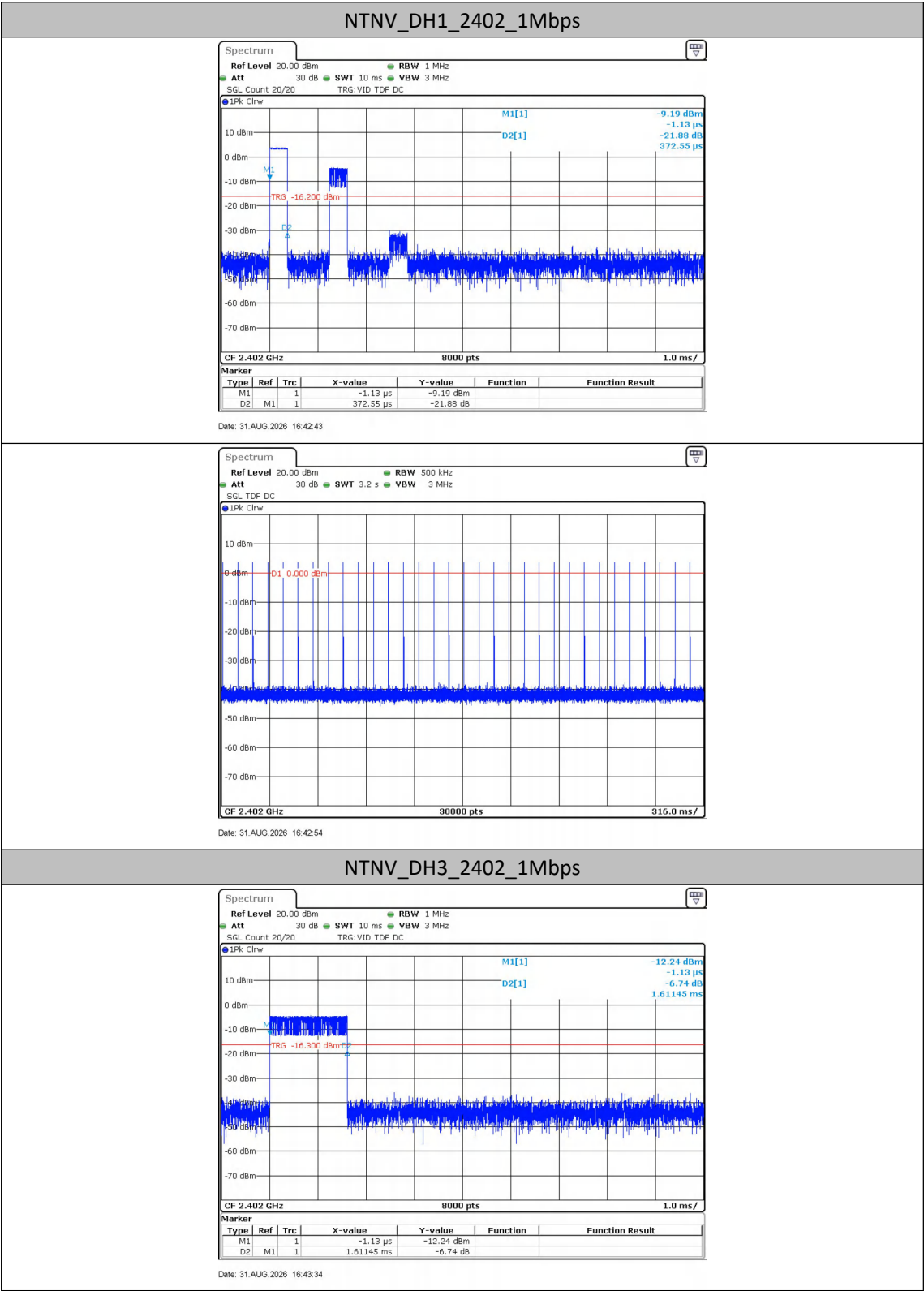


## Appendix E: Time of occupancy

### Test Result

| NO. | Test Condition | Test Mode | Freq (MHz) | Rate  | Antenna | Burst Width (ms) | Total Hops | Dwell Time (s) | Limit (s) | Verdict |
|-----|----------------|-----------|------------|-------|---------|------------------|------------|----------------|-----------|---------|
| 1   | NTNV           | DH1 FHSS  | 2402       | 1Mbps | ANT1    | 0.37             | 32         | 0.12           | ≤0.4      | Pass    |
| 2   | NTNV           | DH3 FHSS  | 2402       | 1Mbps | ANT1    | 1.61             | 16         | 0.26           | ≤0.4      | Pass    |
| 3   | NTNV           | DH5 FHSS  | 2402       | 1Mbps | ANT1    | 2.85             | 11         | 0.31           | ≤0.4      | Pass    |

Test Graphs



NTNV\_DH3\_2402\_1Mbps

Spectrum

Ref Level 20.00 dBm

Att 30 dB

RBW 1 MHz

SWT 10 ms

VBW 3 MHz

SGL Count 20/20

TRG:VID TDF DC

IPK Clrw

M1

M1[1]

D2

D2[1]

-16.300 dBm

-12.24 dBm

-1.13 μs

-6.74 dB

1.61145 ms

CF 2.402 GHz

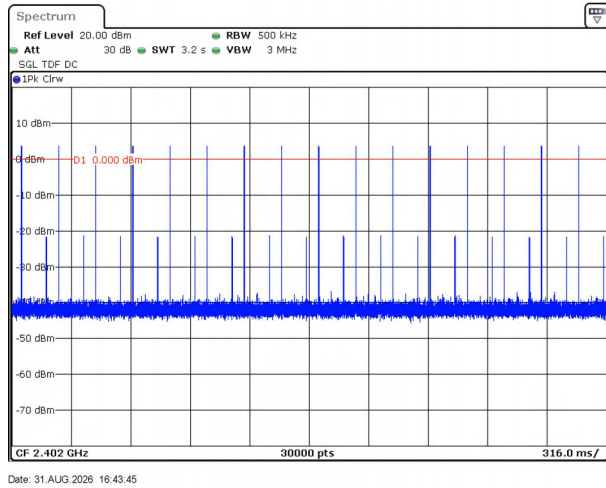
8000 pts

1.0 ms/

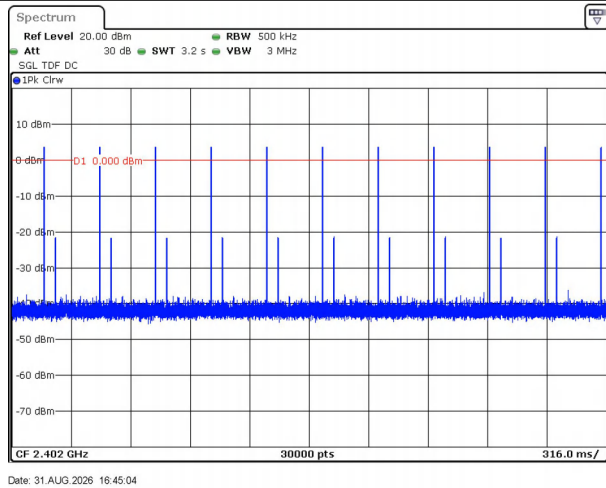
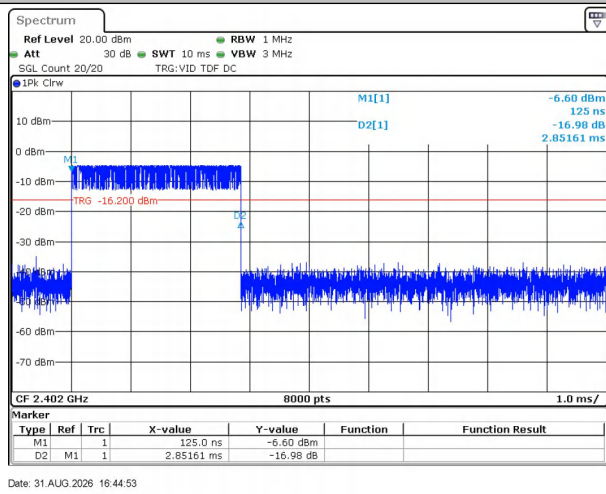
Marker

| Type | Ref | Trc | X-value    | Y-value    | Function | Function Result |
|------|-----|-----|------------|------------|----------|-----------------|
| M1   |     | 1   | -1.13 μs   | -12.24 dBm |          |                 |
| D2   | M1  | 1   | 1.61145 ms | -6.74 dB   |          |                 |

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### NTNV\_DH5\_2402\_1Mbps

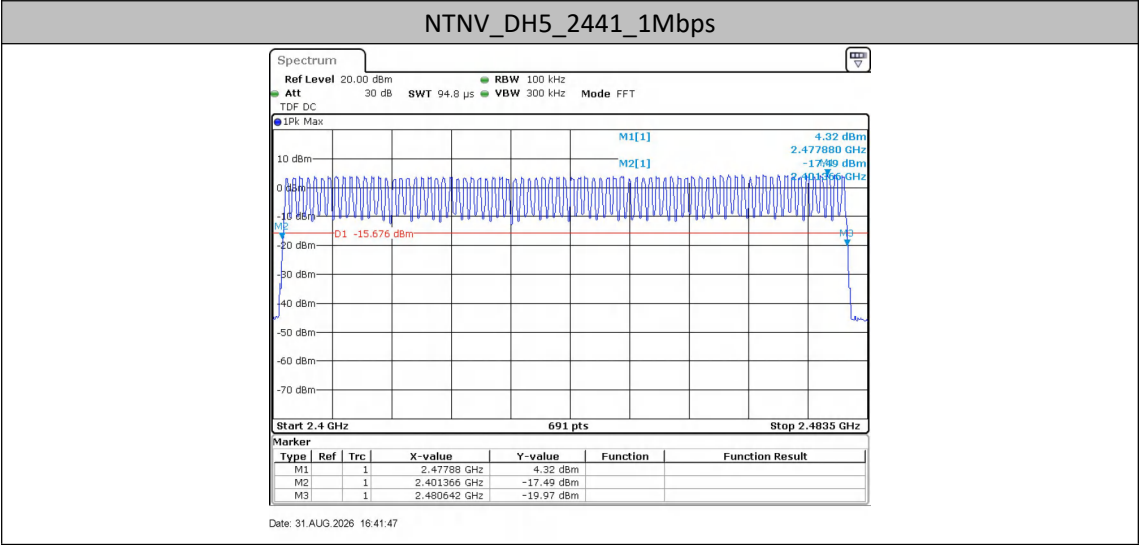


## Appendix F: Number of hopping channels

### Test Result

| NO. | Test Condition | Test Mode | Freq (MHz) | Rate  | Antenna | Result (Num) | Limit (Num) | Verdict |
|-----|----------------|-----------|------------|-------|---------|--------------|-------------|---------|
| 1   | NTNV           | DH5 FHSS  | 2441       | 1Mbps | ANT1    | 79           | $\geq 15$   | Pass    |

Test Graphs



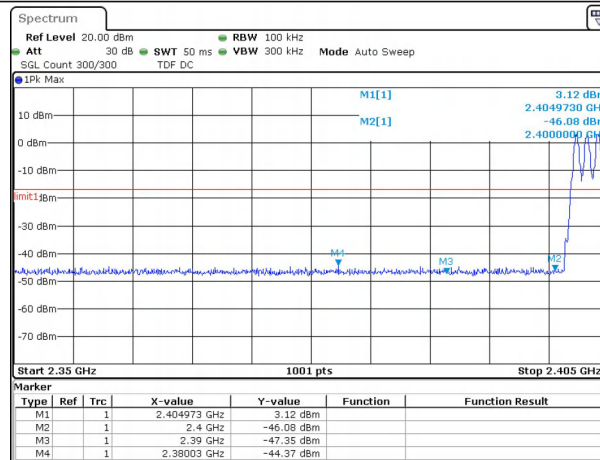
## Appendix G: Band edge measurements

### Test Result

| NO. | Test Condition | Test Mode | Freq (MHz) | Rate  | Antenna | Reference (dBm) | Emission Level (dBm) | Limit (dBm)   | Verdict |
|-----|----------------|-----------|------------|-------|---------|-----------------|----------------------|---------------|---------|
| 3   | NTNV           | DH5 FHSS  | 2402       | 1Mbps | ANT1    | 3.12            | -44.37               | $\leq -16.88$ | Pass    |
| 4   | NTNV           | DH5 FHSS  | 2480       | 1Mbps | ANT1    | 3.79            | -43.04               | $\leq -16.21$ | Pass    |
| 1   | NTNV           | DH5       | 2402       | 1Mbps | ANT1    | 3.07            | -45.70               | $\leq -16.93$ | Pass    |
| 2   | NTNV           | DH5       | 2480       | 1Mbps | ANT1    | 3.53            | -45.33               | $\leq -16.47$ | Pass    |

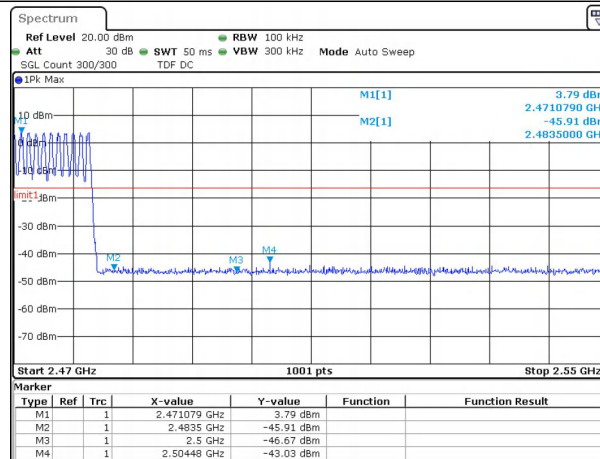
## Test Graphs

NTNV\_DH5\_2402\_1Mbps



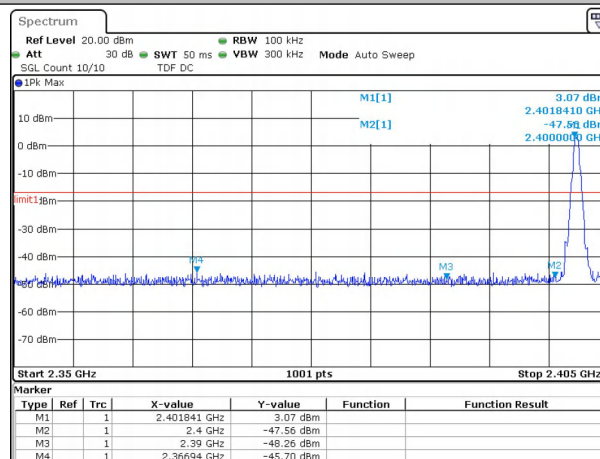
Date: 31.AUG.2026 19:44:46

NTNV\_DH5\_2480\_1Mbps



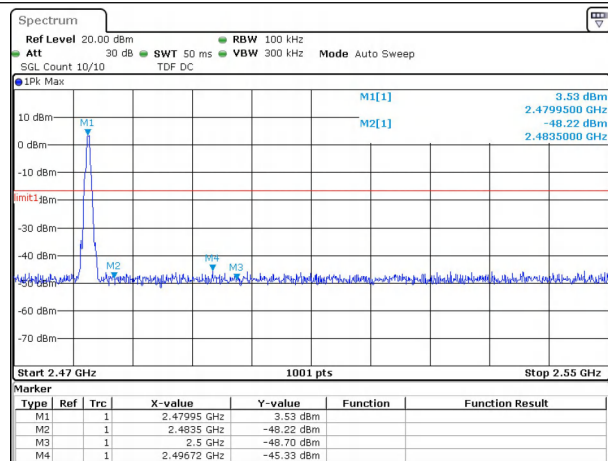
Date: 31.AUG.2026 19:45:06

NTNV\_DH5\_2402\_1Mbps



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NTNV\_DH5\_2480\_1Mbps



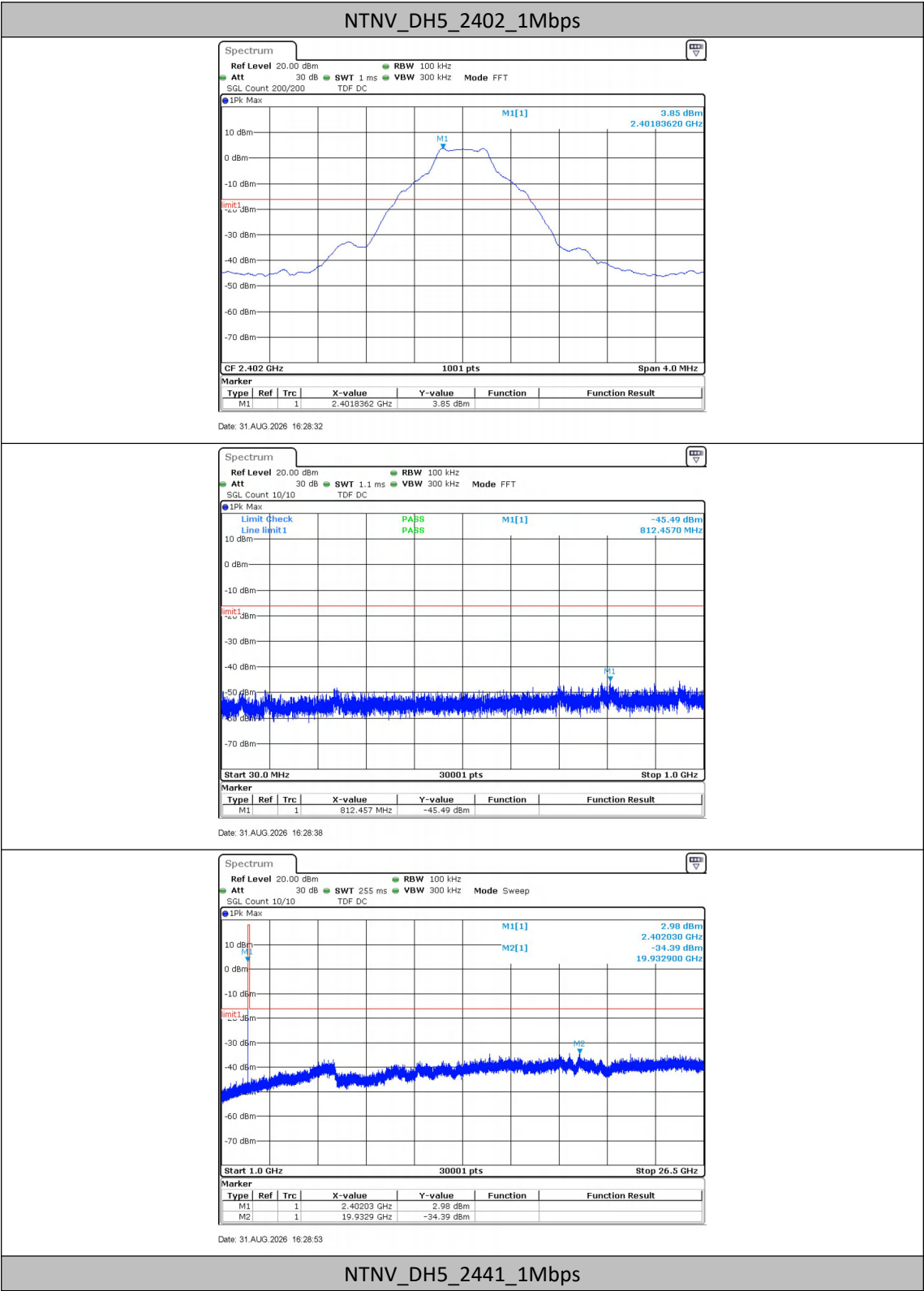
Date: 31.AUG.2026 16:34:16

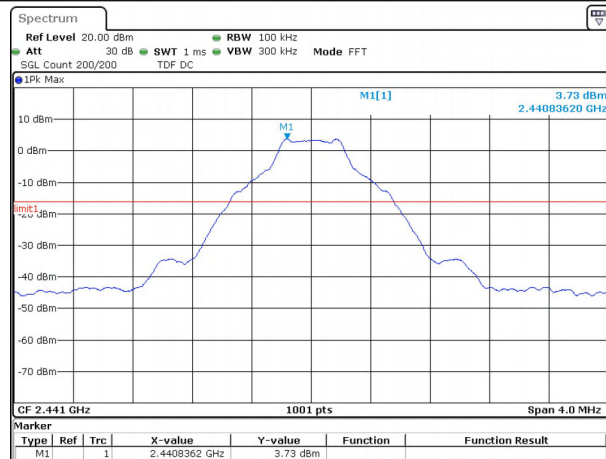
## Appendix H: Conducted Spurious Emission

### Test Result

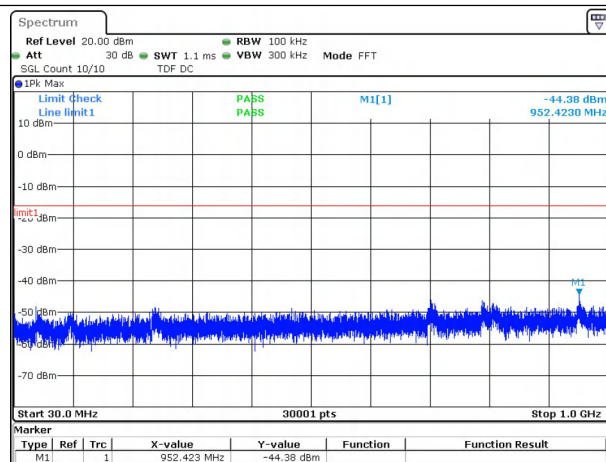
| NO. | Test Condition | Test Mode | Freq (MHz) | Rate  | Antenna | Frequency Range (MHz) | Ref Level (MHz) | Max Power (dBm) | Limit (dBm) | Verdict |
|-----|----------------|-----------|------------|-------|---------|-----------------------|-----------------|-----------------|-------------|---------|
| 1   | NTNV           | DH5       | 2402       | 1Mbps | ANT1    | Reference             | 0.1             | 3.85            | /           | /       |
|     |                |           |            |       |         | 30~1000               | 0.1             | -45.49          | ≤-16.15     | Pass    |
|     |                |           |            |       |         | 1000~26500            | 0.1             | -34.39          | ≤-16.15     | Pass    |
| 2   | NTNV           | DH5       | 2441       | 1Mbps | ANT1    | Reference             | 0.1             | 3.73            | /           | /       |
|     |                |           |            |       |         | 30~1000               | 0.1             | -44.38          | ≤-16.27     | Pass    |
|     |                |           |            |       |         | 1000~26500            | 0.1             | -34.76          | ≤-16.27     | Pass    |
| 3   | NTNV           | DH5       | 2480       | 1Mbps | ANT1    | Reference             | 0.1             | 4.24            | /           | /       |
|     |                |           |            |       |         | 30~1000               | 0.1             | -44.71          | ≤-15.76     | Pass    |
|     |                |           |            |       |         | 1000~26500            | 0.1             | -34.36          | ≤-15.76     | Pass    |

Test Graphs

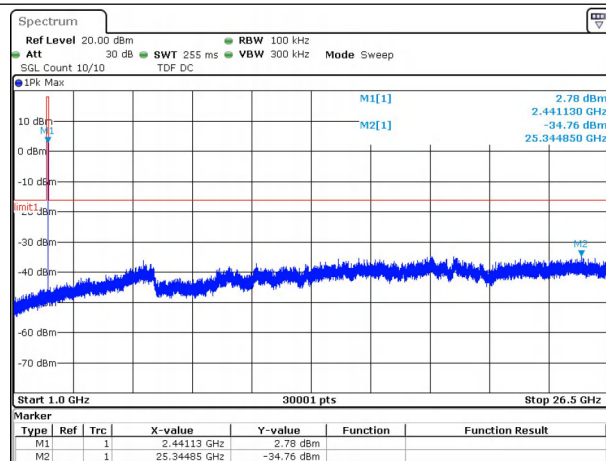




Date: 31.AUG.2026 16:32:33

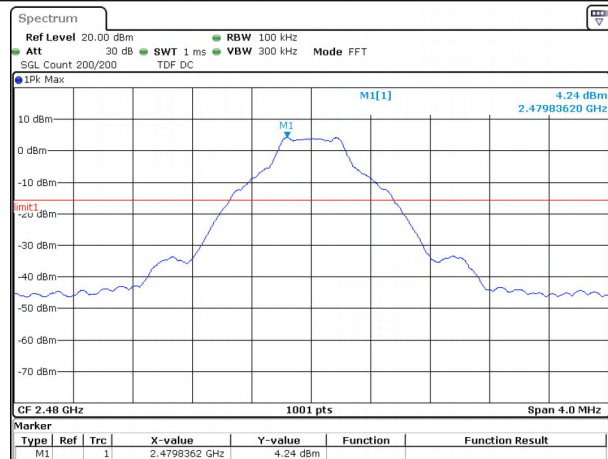


Date: 31.AUG.2026 16:32:39

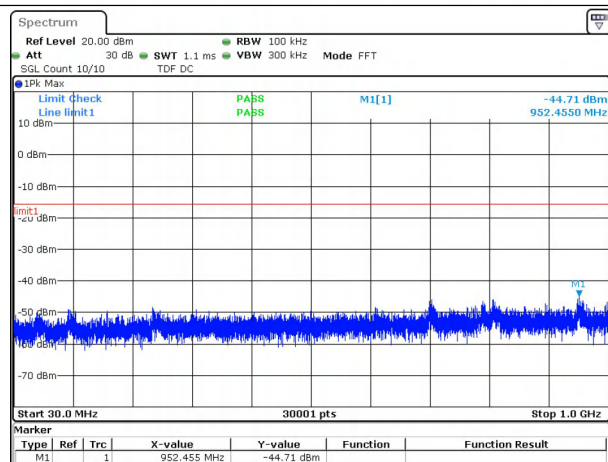


Date: 31.AUG.2026 16:32:53

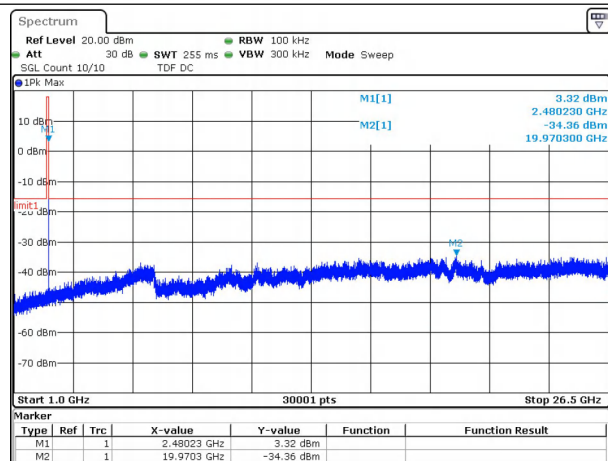
NTNV\_DH5\_2480\_1Mbps



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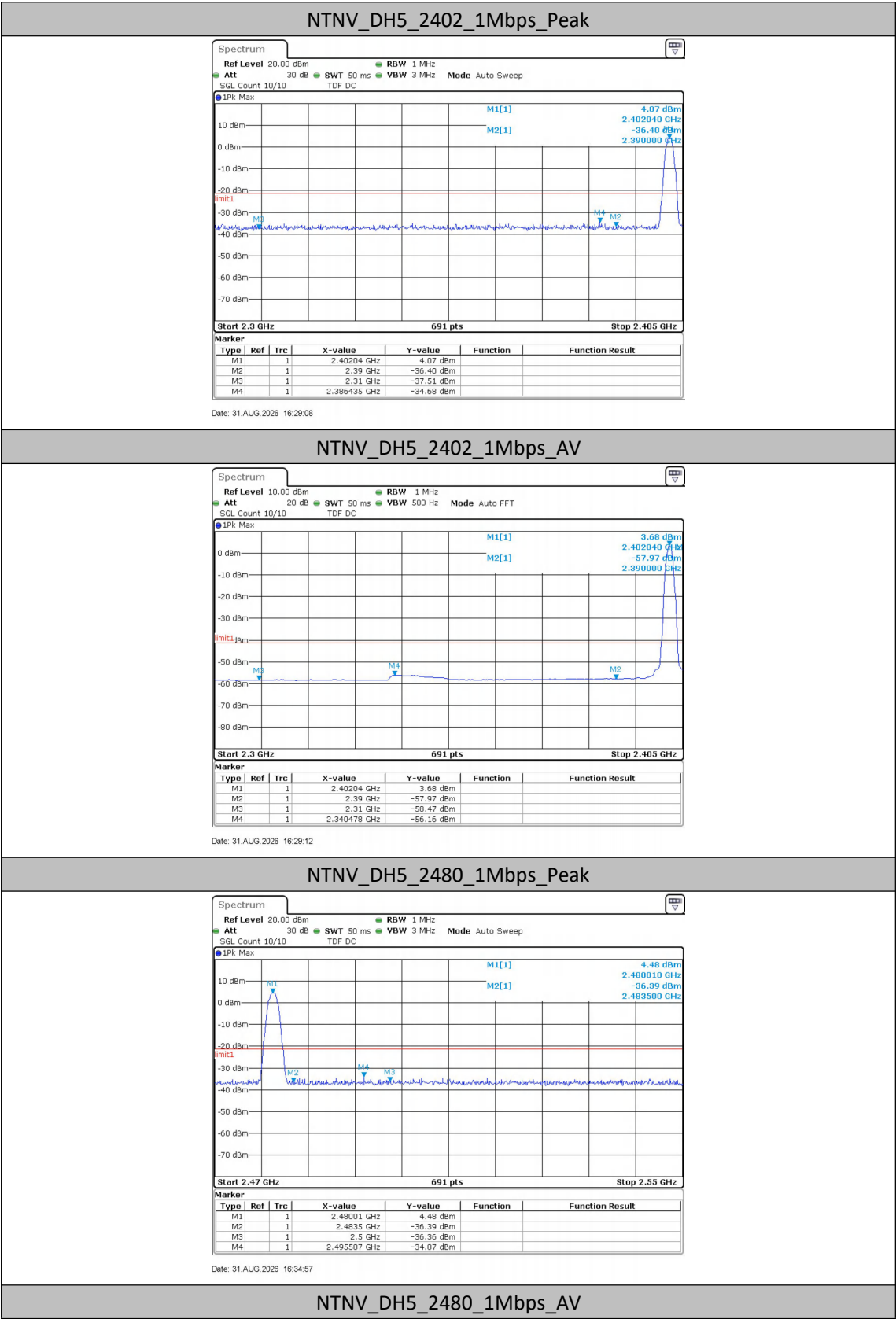
Date: 31.AUG.2026 16:34:42

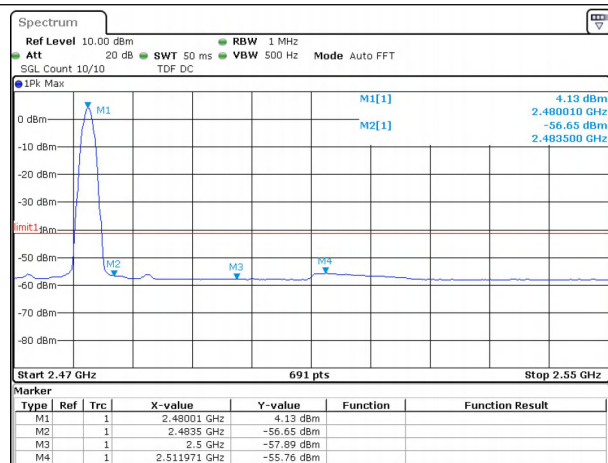
## Appendix I: Emissions in Restricted Bands

### Test Result

| NO. | Test Condition | Test Mode | Freq (MHz) | Rate  | Gain (dBi) | Antenna | Detector | Freq (MHz) | Result (dBm) | Limit (dBm) | Result (dBuV/m) | Limit (dBuV/m) | Verdict |
|-----|----------------|-----------|------------|-------|------------|---------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| 1   | NTNV           | DH5       | 2402       | 1Mbps | 2          | ANT1    | Peak     | 2390.00    | -36.40       | -21.20      | 58.80           | 74.00          | Pass    |
|     |                |           |            |       |            |         | Peak     | 2310.00    | -37.51       | -21.20      | 57.69           | 74.00          | Pass    |
|     |                |           |            |       |            |         | Peak     | 2386.43    | -34.68       | -21.20      | 60.52           | 74.00          | Pass    |
| 2   | NTNV           | DH5       | 2402       | 1Mbps | 2          | ANT1    | AV       | 2390.00    | -57.97       | -41.20      | 37.23           | 54.00          | Pass    |
|     |                |           |            |       |            |         | AV       | 2310.00    | -58.47       | -41.20      | 36.73           | 54.00          | Pass    |
|     |                |           |            |       |            |         | AV       | 2340.48    | -56.16       | -41.20      | 39.04           | 54.00          | Pass    |
| 3   | NTNV           | DH5       | 2480       | 1Mbps | 2          | ANT1    | Peak     | 2483.50    | -36.39       | -21.20      | 58.81           | 74.00          | Pass    |
|     |                |           |            |       |            |         | Peak     | 2500.00    | -36.36       | -21.20      | 58.84           | 74.00          | Pass    |
|     |                |           |            |       |            |         | Peak     | 2495.51    | -34.07       | -21.20      | 61.13           | 74.00          | Pass    |
| 4   | NTNV           | DH5       | 2480       | 1Mbps | 2          | ANT1    | AV       | 2483.50    | -56.65       | -41.20      | 38.55           | 54.00          | Pass    |
|     |                |           |            |       |            |         | AV       | 2500.00    | -57.89       | -41.20      | 37.31           | 54.00          | Pass    |
|     |                |           |            |       |            |         | AV       | 2511.97    | -55.76       | -41.20      | 39.44           | 54.00          | Pass    |

Test Graphs





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## Appendix J: 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           | DH5       | 2402       | 1Mbps | ANT1    | 2.87      | 3.75        | 0.77                              | 76.57                |
| 2   | NTNV           | DH5       | 2441       | 1Mbps | ANT1    | 2.87      | 3.75        | 0.77                              | 76.57                |
| 3   | NTNV           | DH5       | 2480       | 1Mbps | ANT1    | 2.87      | 3.75        | 0.77                              | 76.57                |

Test Graphs

