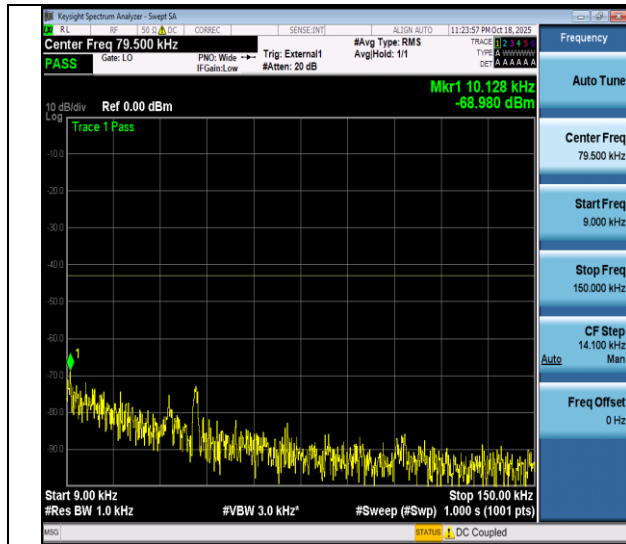
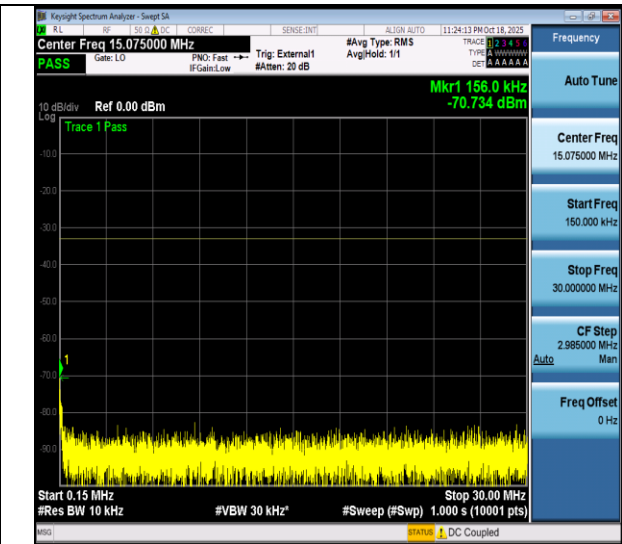
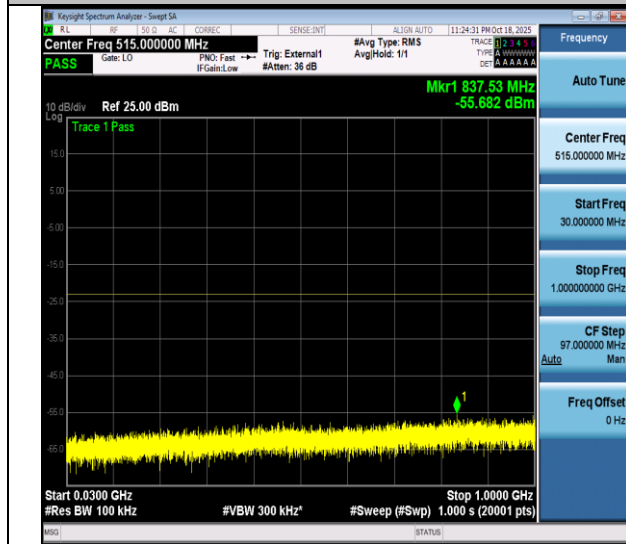




NTNV-n77(3700-3980)-PC3-30-20-M-DFT-BPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS



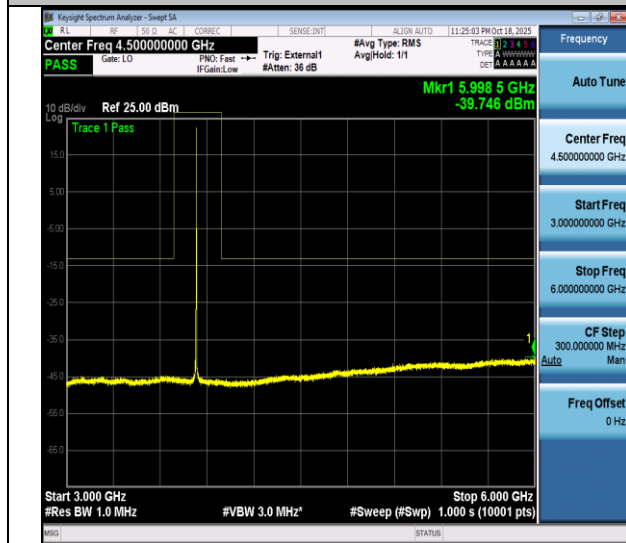
NTNV-n77(3700-3980)-PC3-30-20-M-DFT-BPSK-Edge\_1RB\_Left-  
0.15-30-PASS



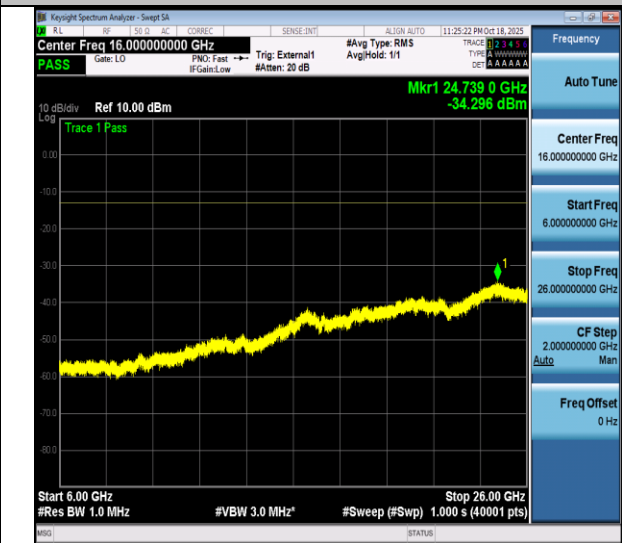
NTNV-n77(3700-3980)-PC3-30-20-M-DFT-BPSK-Edge\_1RB\_Left-  
30-1000-PASS



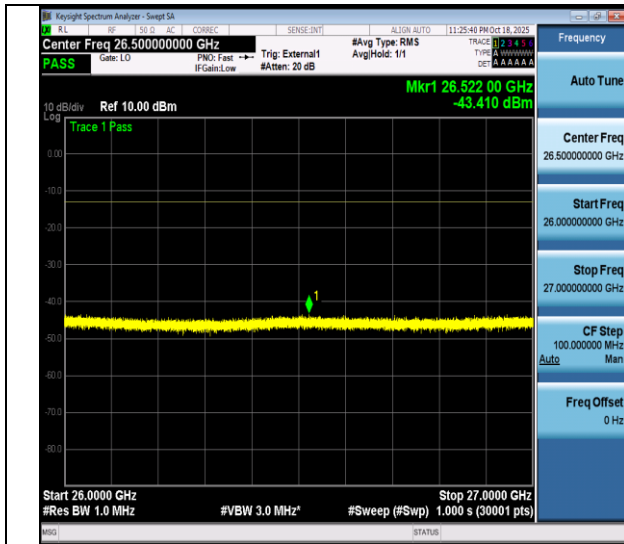
NTNV-n77(3700-3980)-PC3-30-20-M-DFT-BPSK-Edge\_1RB\_Left-  
1000-3000-PASS



NTNV-n77(3700-3980)-PC3-30-20-M-DFT-BPSK-Edge\_1RB\_Left-  
3000-6000-PASS



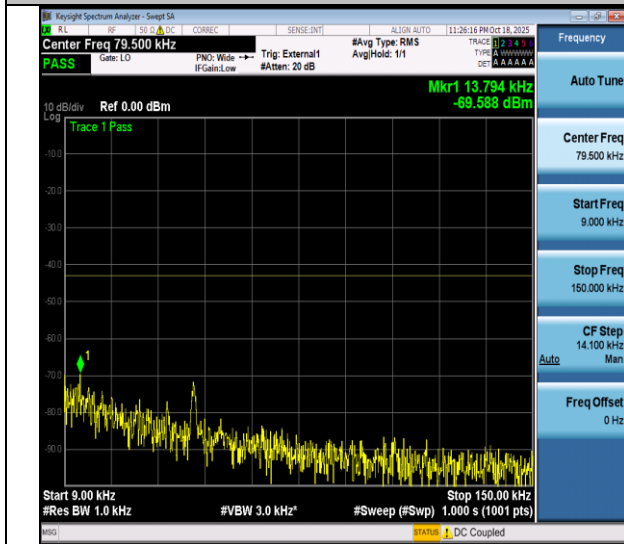
NTNV-n77(3700-3980)-PC3-30-20-M-DFT-BPSK-Edge\_1RB\_Left-  
6000-26000-PASS



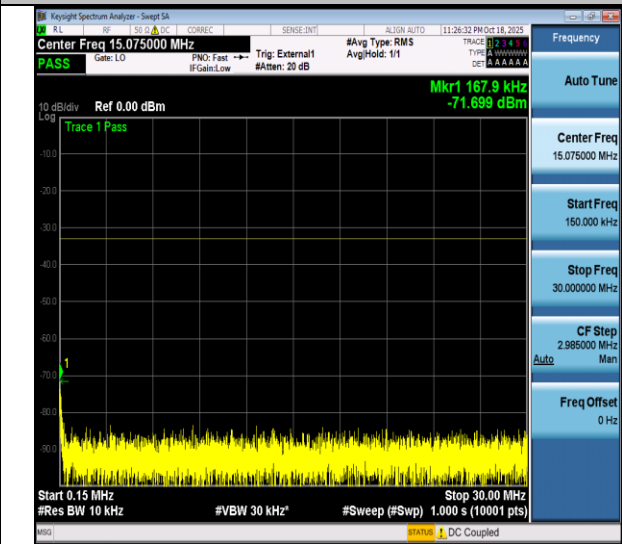
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26000-27000-PASS



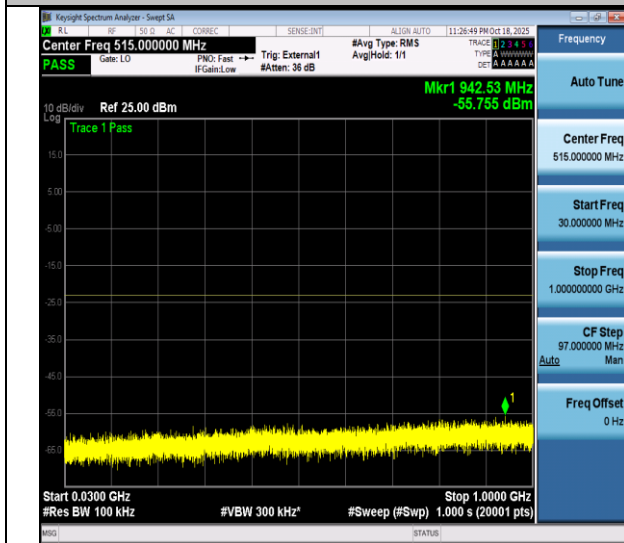
NTNV-n77(3700-3980)-PC3-30-20-M-DFT-BPSK-Edge\_1RB\_Left-  
27000-40000-PASS



NTNV-n77(3700-3980)-PC3-30-20-M-CP-QPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS



NTNV-n77(3700-3980)-PC3-30-20-M-CP-QPSK-Edge\_1RB\_Left-  
0.15-30-PASS



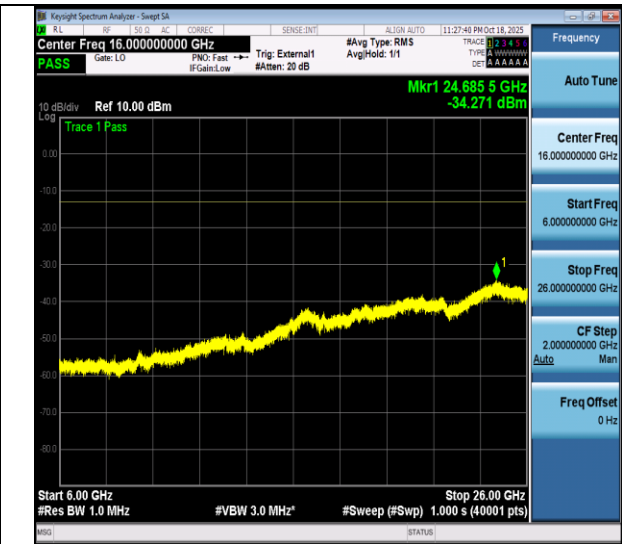
NTNV-n77(3700-3980)-PC3-30-20-M-CP-QPSK-Edge\_1RB\_Left-  
30-1000-PASS



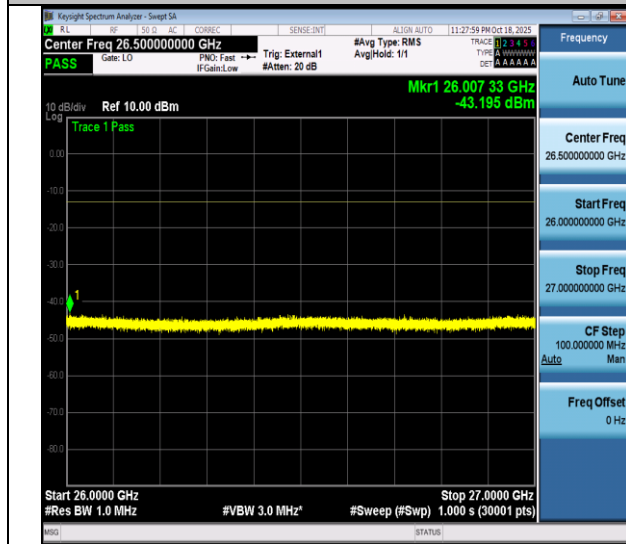
NTNV-n77(3700-3980)-PC3-30-20-M-CP-QPSK-Edge\_1RB\_Left-  
1000-3000-PASS



NTNV-n77(3700-3980)-PC3-30-20-M-CP-QPSK-Edge\_1RB\_Left-  
3000-6000-PASS



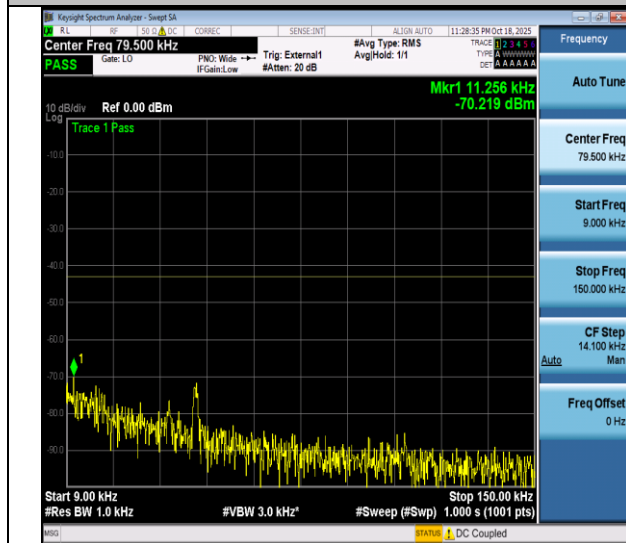
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6000-26000-PASS



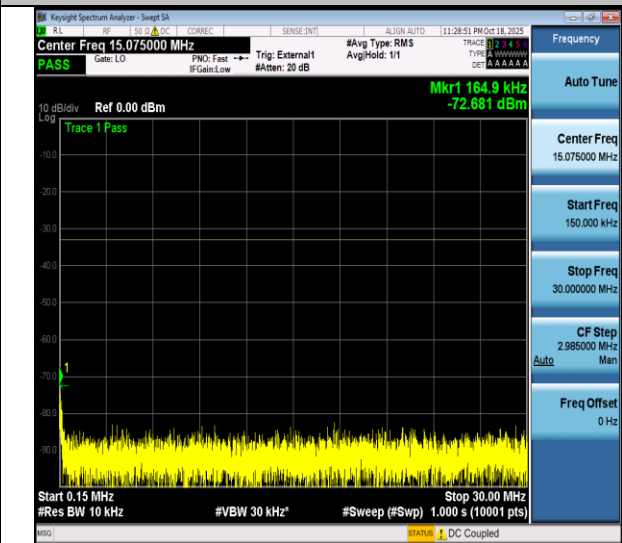
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26000-27000-PASS



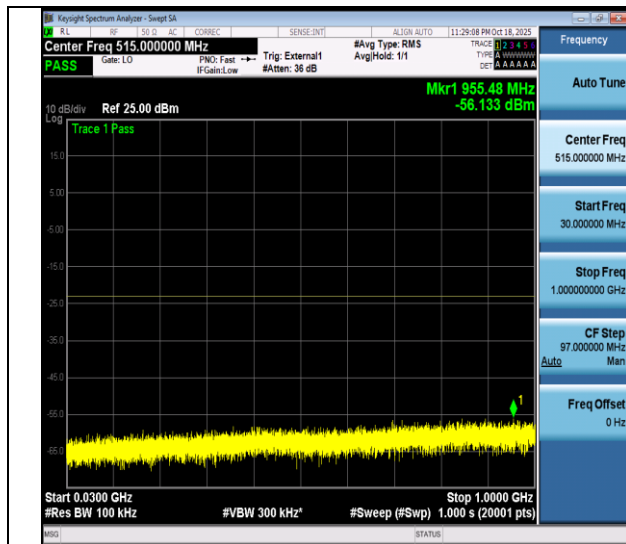
NTNV-n77(3700-3980)-PC3-30-20-M-CP-QPSK-Edge\_1RB\_Left-  
27000-40000-PASS



NTNV-n77(3700-3980)-PC3-30-20-H-DFT-BPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS



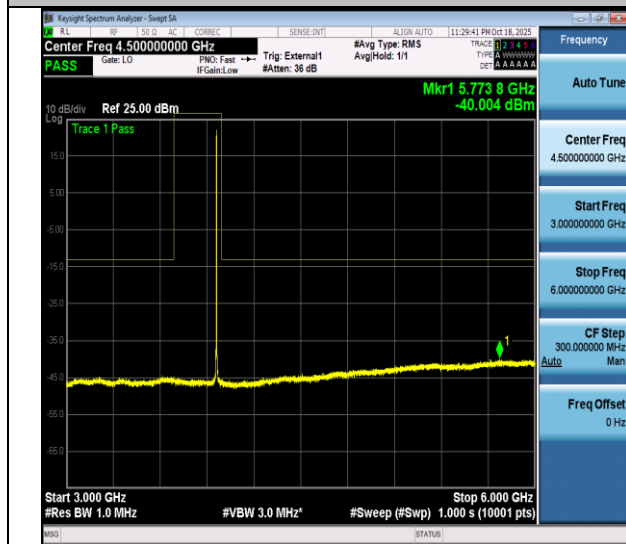
NTNV-n77(3700-3980)-PC3-30-20-H-DFT-BPSK-Edge\_1RB\_Left-  
0.15-30-PASS



NTNV-n77(3700-3980)-PC3-30-20-H-DFT-BPSK-Edge\_1RB\_Left-30-1000-PASS



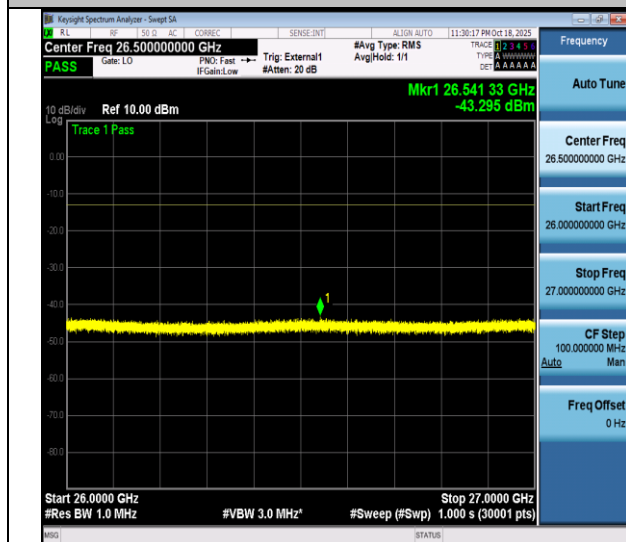
NTNV-n77(3700-3980)-PC3-30-20-H-DFT-BPSK-Edge\_1RB\_Left-1000-3000-PASS



NTNV-n77(3700-3980)-PC3-30-20-H-DFT-BPSK-Edge\_1RB\_Left-3000-6000-PASS



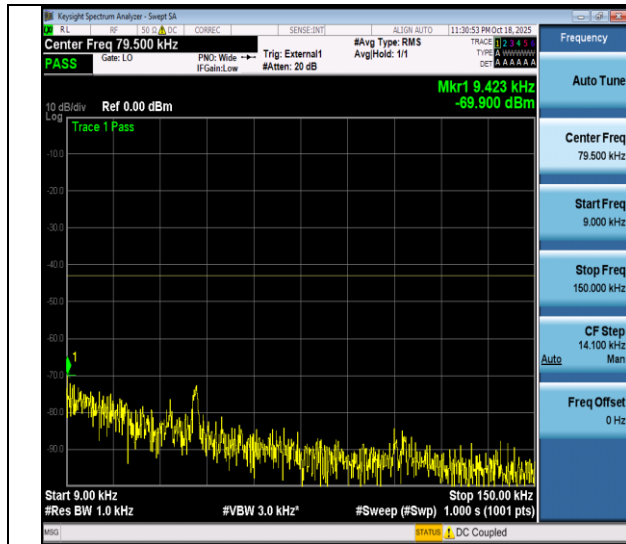
NTNV-n77(3700-3980)-PC3-30-20-H-DFT-BPSK-Edge\_1RB\_Left-6000-26000-PASS



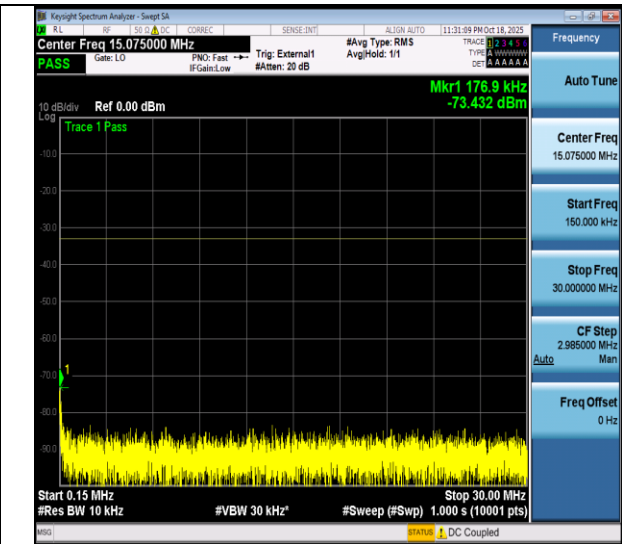
NTNV-n77(3700-3980)-PC3-30-20-H-DFT-BPSK-Edge\_1RB\_Left-26000-27000-PASS



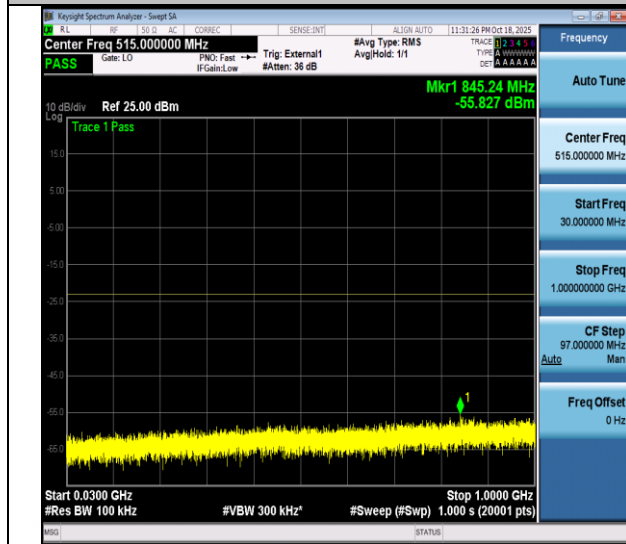
NTNV-n77(3700-3980)-PC3-30-20-H-DFT-BPSK-Edge\_1RB\_Left-27000-40000-PASS



NTNV-n77(3700-3980)-PC3-30-20-H-CP-QPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS



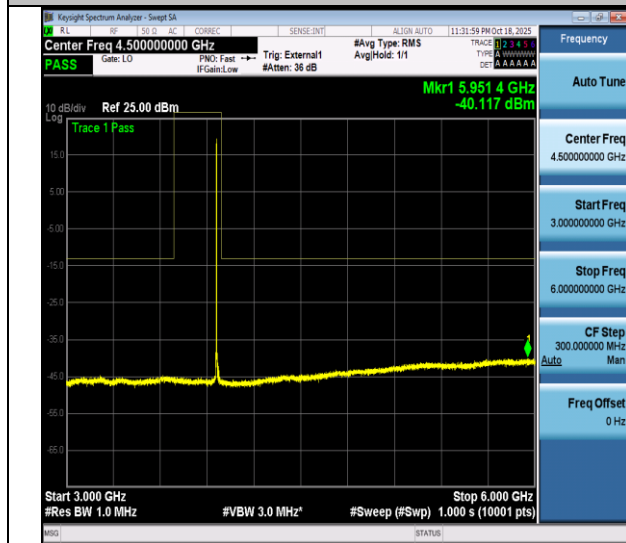
NTNV-n77(3700-3980)-PC3-30-20-H-CP-QPSK-Edge\_1RB\_Left-  
0.15-30-PASS



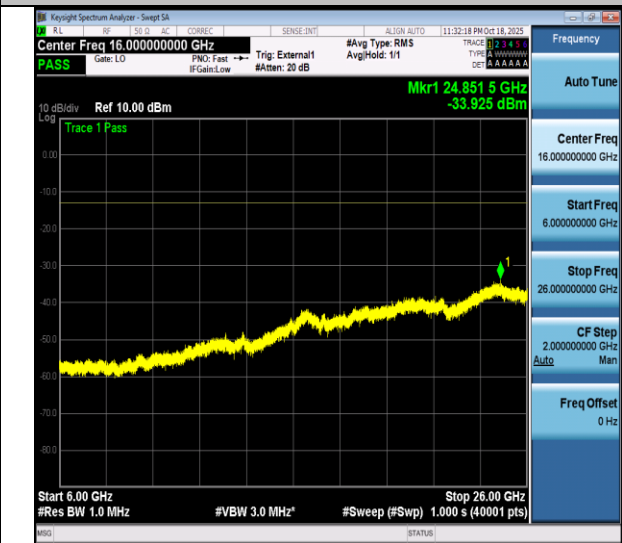
NTNV-n77(3700-3980)-PC3-30-20-H-CP-QPSK-Edge\_1RB\_Left-  
30-1000-PASS



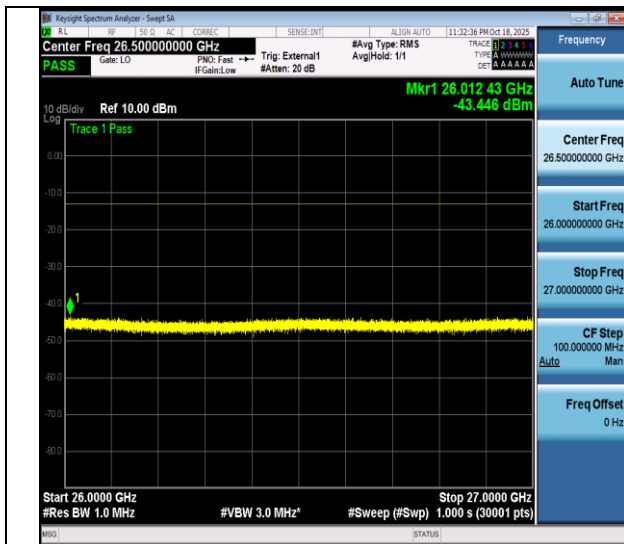
NTNV-n77(3700-3980)-PC3-30-20-H-CP-QPSK-Edge\_1RB\_Left-  
1000-3000-PASS



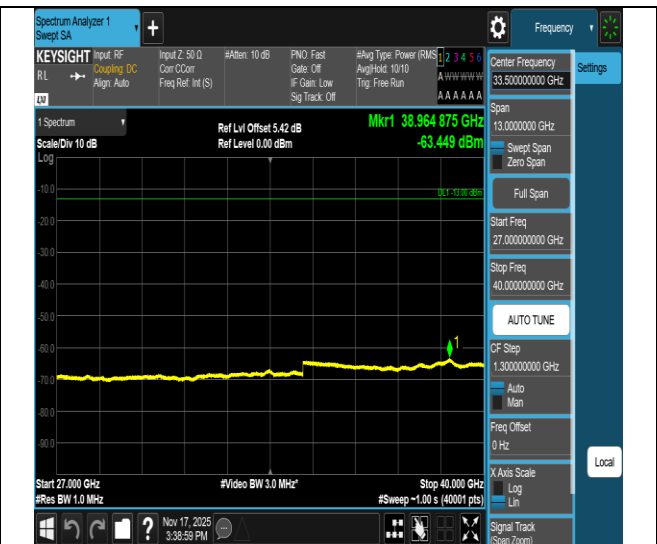
NTNV-n77(3700-3980)-PC3-30-20-H-CP-QPSK-Edge\_1RB\_Left-  
3000-6000-PASS



NTNV-n77(3700-3980)-PC3-30-20-H-CP-QPSK-Edge\_1RB\_Left-  
6000-26000-PASS



NTNV-n77(3700-3980)-PC3-30-20-H-CP-QPSK-Edge\_1RB\_Left-  
26000-27000-PASS



NTNV-n77(3700-3980)-PC3-30-20-H-CP-QPSK-Edge\_1RB\_Left-  
27000-40000-PASS

## Frequency Stability for SA

### Test Result

#### Frequency Error VS. Voltage

| Voltage        |     |           |            |         |            |         |      |                |                 |         |
|----------------|-----|-----------|------------|---------|------------|---------|------|----------------|-----------------|---------|
| Band           | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temp | Deviation (Hz) | Deviation (ppm) | Verdict |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | VL      | NT   | -2.1           | -0.000547       | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | VN      | NT   | -6.8           | -0.001771       | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | VH      | NT   | 2.3            | 0.000599        | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | VL      | NT   | -2.1           | -0.000547       | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | VN      | NT   | 4.2            | 0.001094        | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | VH      | NT   | 4.3            | 0.00112         | PASS    |

#### Frequency Error VS. Temperature

| Temperature    |     |           |            |         |            |         |      |                |                 |         |
|----------------|-----|-----------|------------|---------|------------|---------|------|----------------|-----------------|---------|
| Band           | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temp | Deviation (Hz) | Deviation (ppm) | Verdict |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | -30  | 0              | 0               | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | -20  | 0.6            | 0.000156        | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | -10  | 7.2            | 0.001875        | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | 0    | 3              | 0.000781        | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | 10   | 13.4           | 0.00349         | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | 20   | -9.5           | -0.002474       | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | 30   | 0.7            | 0.000182        | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | 40   | -5.9           | -0.001536       | PASS    |
| n77(3700-3980) | 30  | 20        | DFT-BPSK   | M       | Outer_Full | NV      | 50   | 2.6            | 0.000677        | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | -30  | -6.5           | -0.001693       | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | -20  | 4.7            | 0.001224        | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | -10  | 0.4            | 0.000104        | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | 0    | 15.8           | 0.004115        | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | 10   | -3.6           | -0.000938       | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | 20   | -1.3           | -0.000339       | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | 30   | 2.4            | 0.000625        | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | 40   | -0.7           | -0.000182       | PASS    |
| n77(3700-3980) | 30  | 20        | CP-QPSK    | M       | Outer_Full | NV      | 50   | 5              | 0.001302        | PASS    |

~The End~