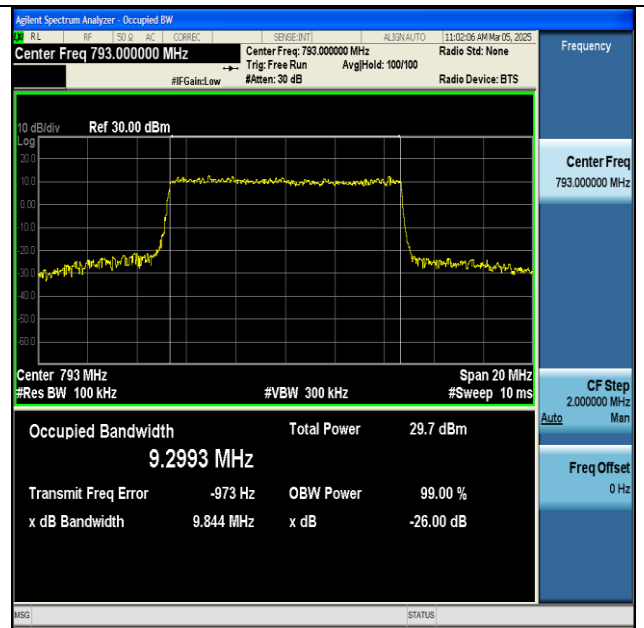




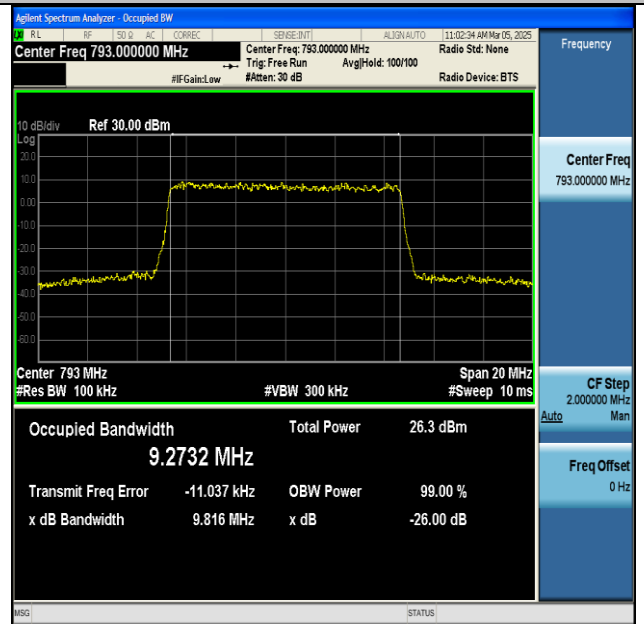
NTNV-n14-PC3-15-10-L-CP-QPSK-Outer\_Full-Ant1-PASS



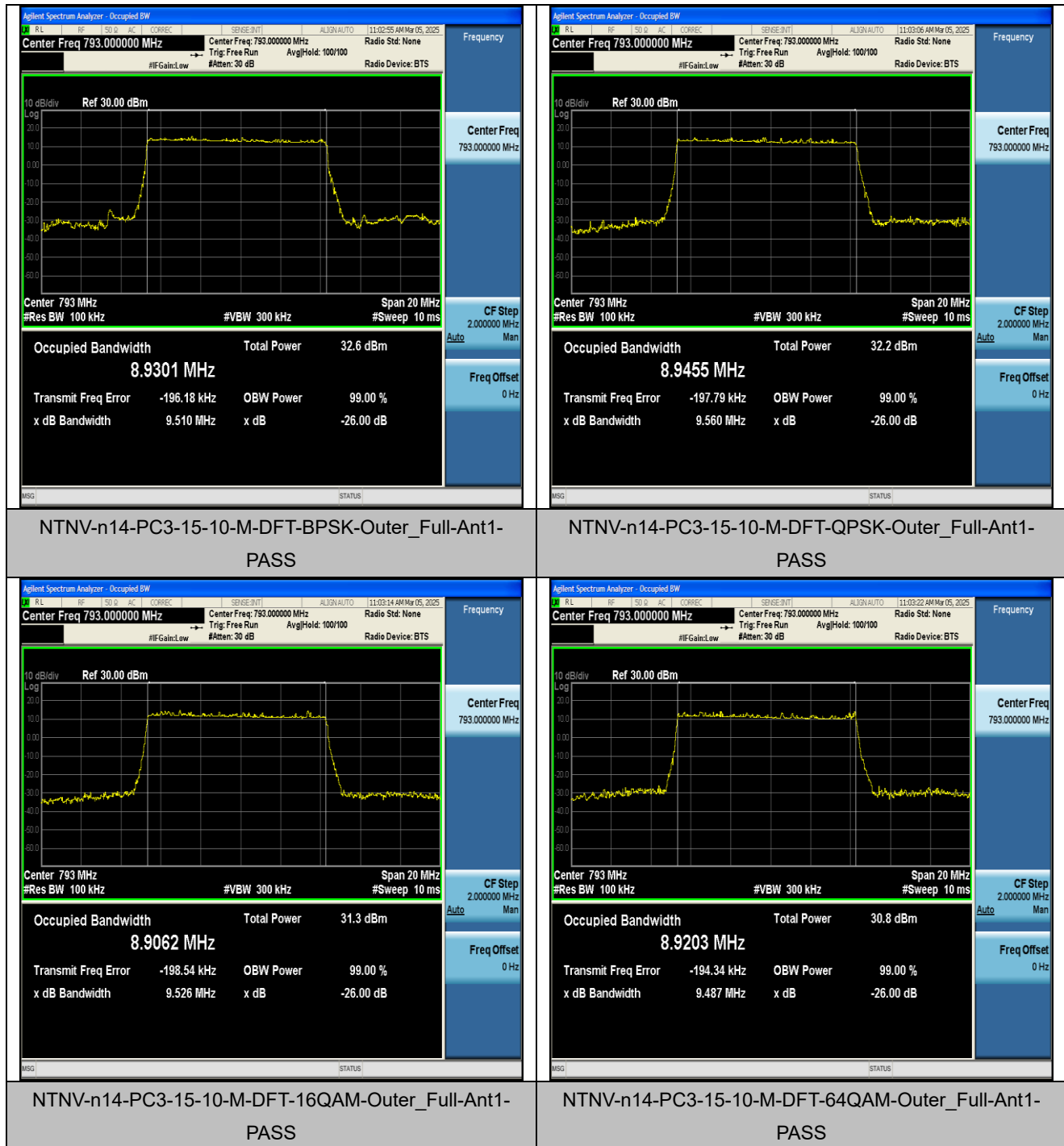
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NTNV-n14-PC3-15-10-L-CP-64QAM-Outer\_Full-Ant1-PASS

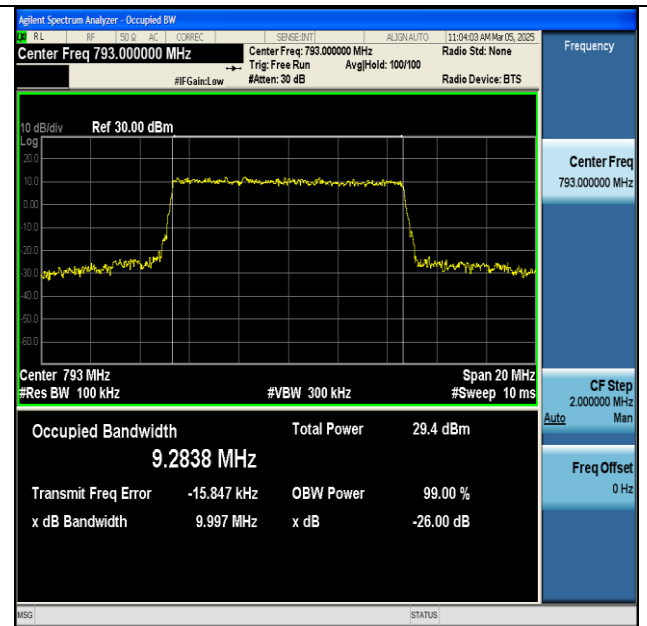


NTNV-n14-PC3-15-10-L-CP-256QAM-Outer\_Full-Ant1-PASS





NTNV-n14-PC3-15-10-M-DFT-256QAM-Outer\_Full-Ant1-PASS



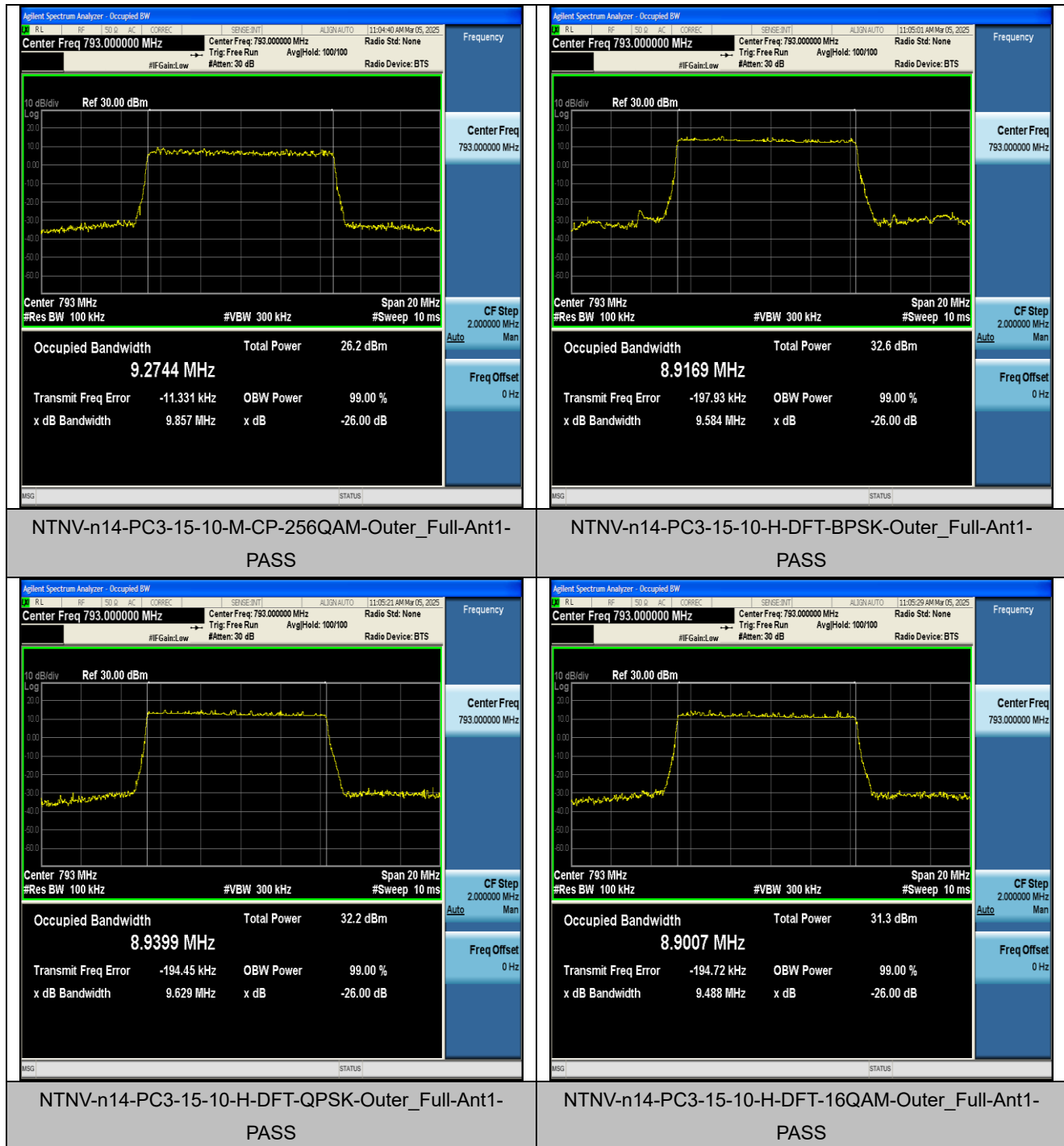
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NTNV-n14-PC3-15-10-M-CP-16QAM-Outer\_Full-Ant1-PASS

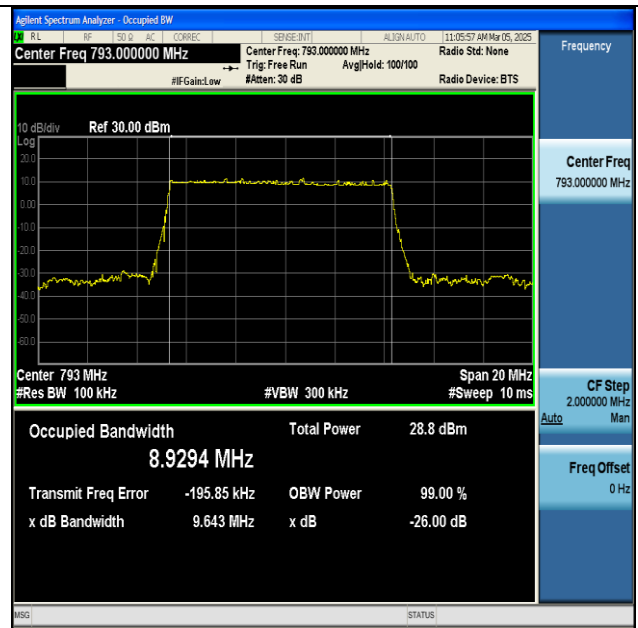


NTNV-n14-PC3-15-10-M-CP-64QAM-Outer\_Full-Ant1-PASS





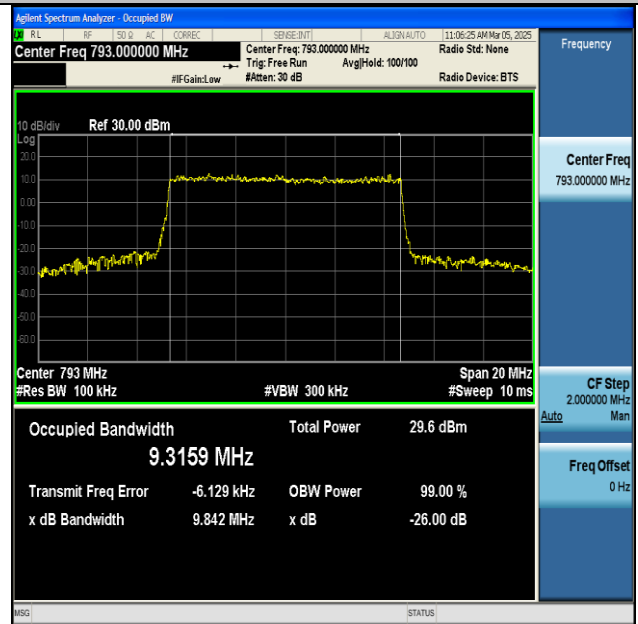
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PASS



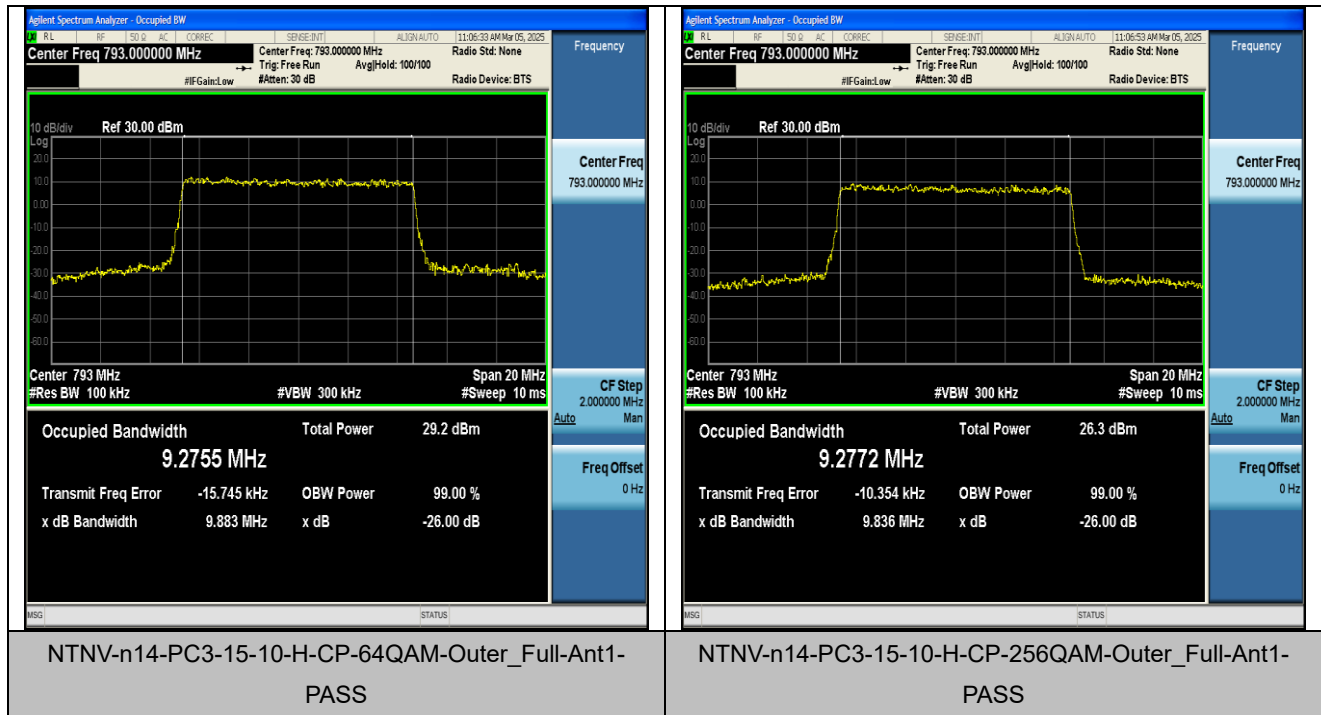
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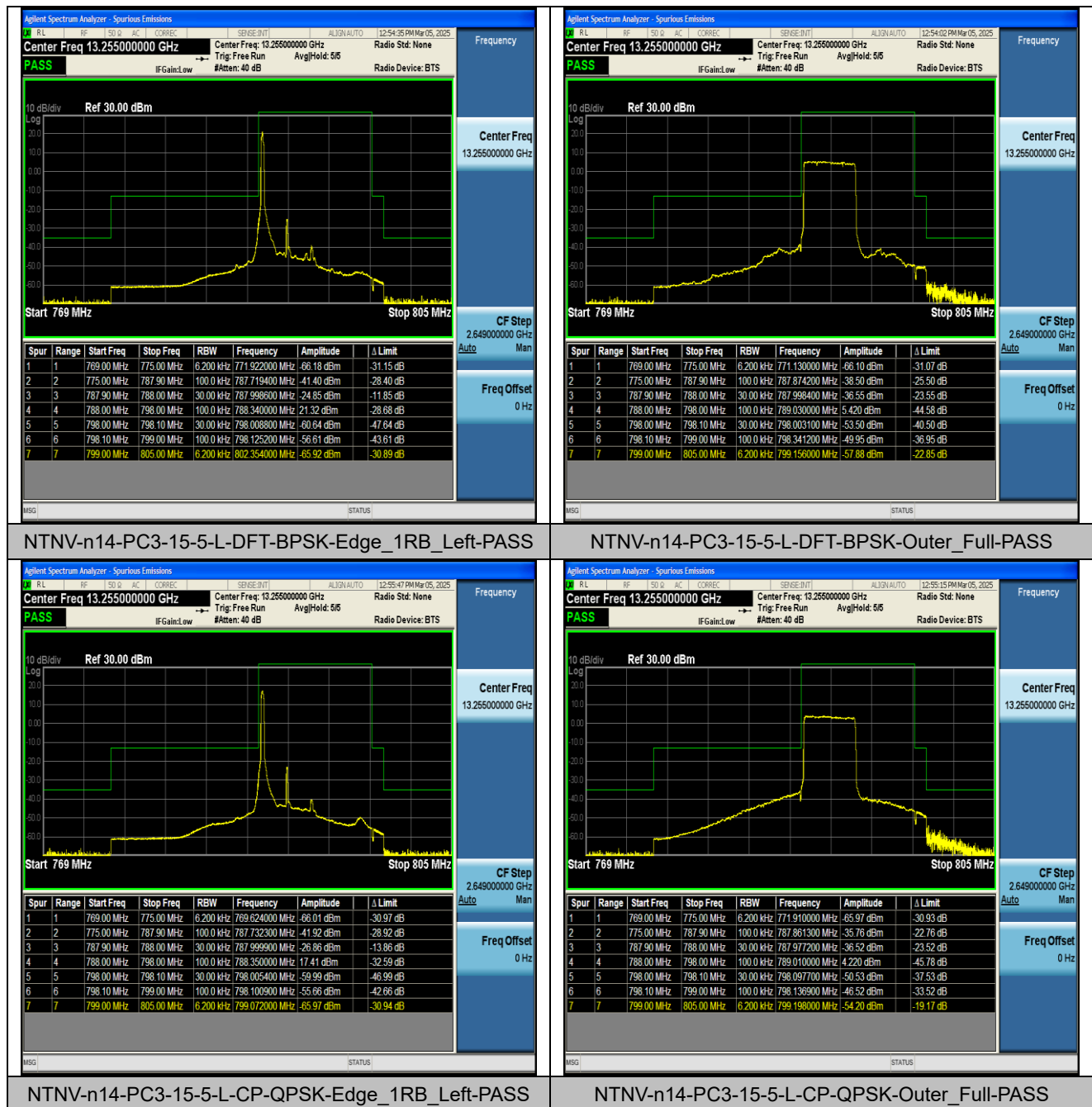


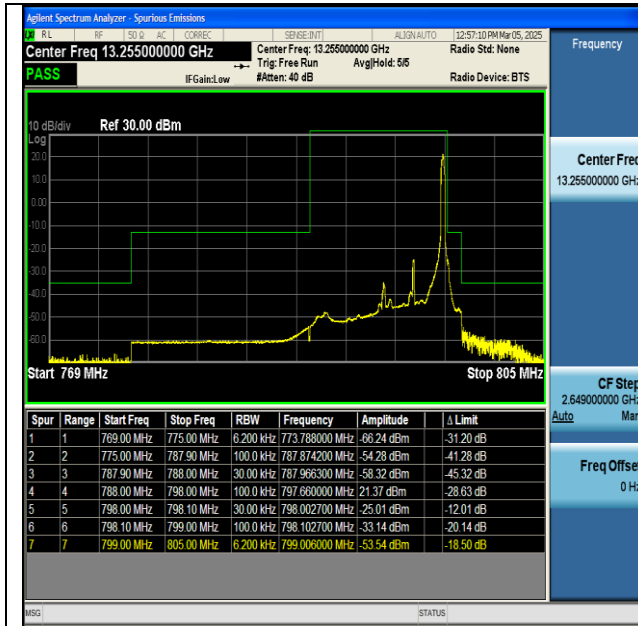
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PASS



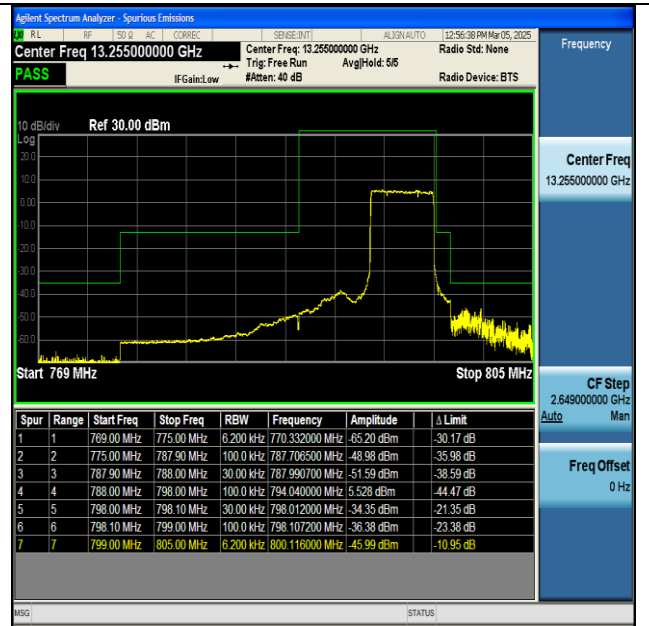
## Band Edge for SA

## Test Graphs

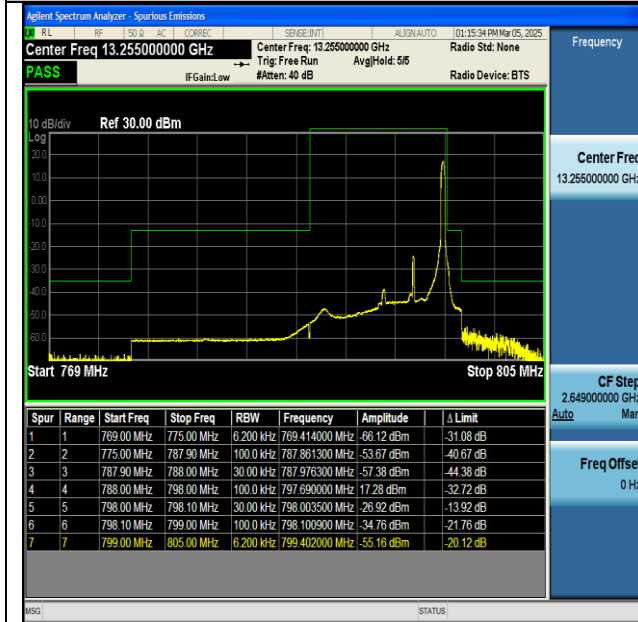




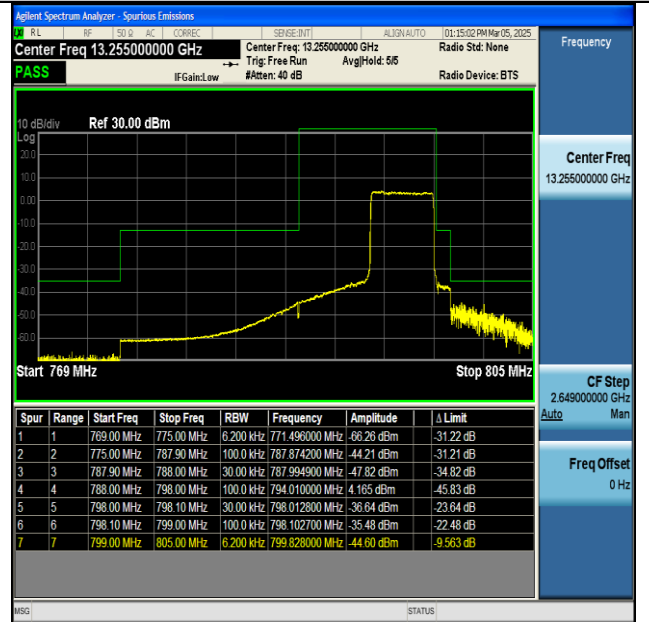
NTNV-n14-PC3-15-5-H-DFT-BPSK-Edge\_1RB\_Right-PASS



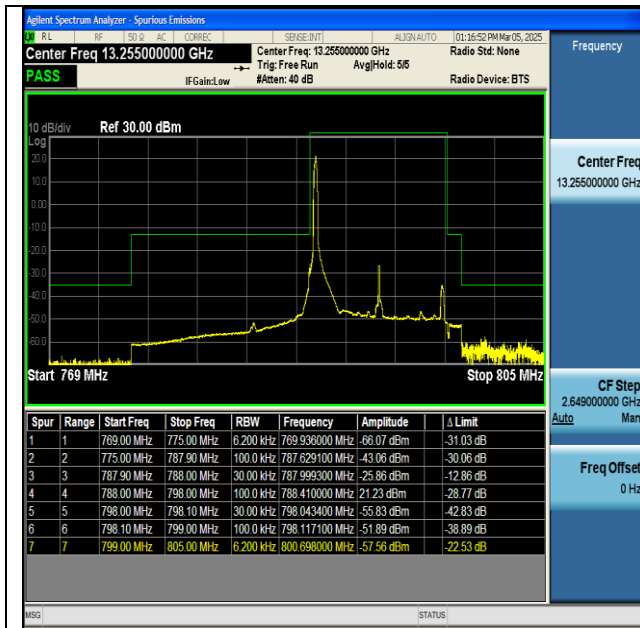
NTNV-n14-PC3-15-5-H-DFT-BPSK-Outer\_Full-PASS



NTNV-n14-PC3-15-5-H-CP-QPSK-Edge\_1RB\_Right-PASS



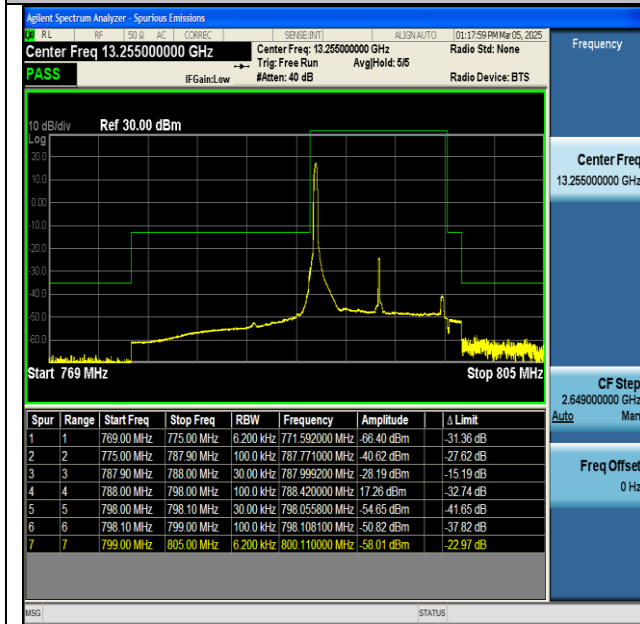
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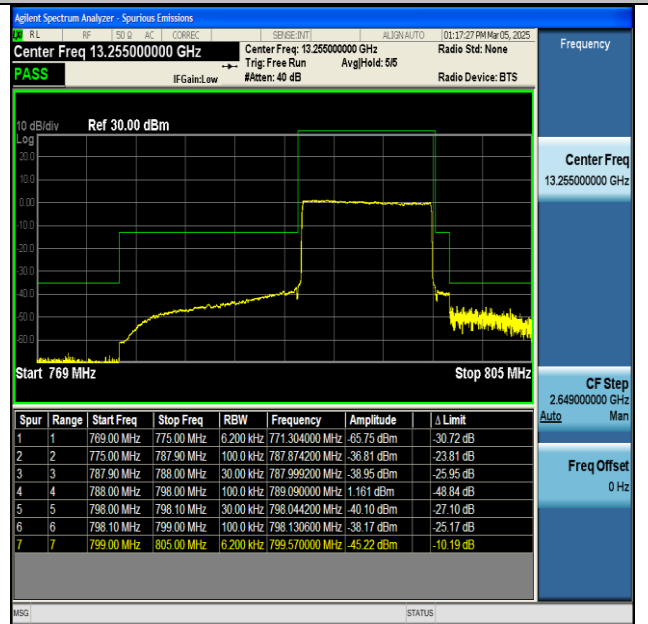
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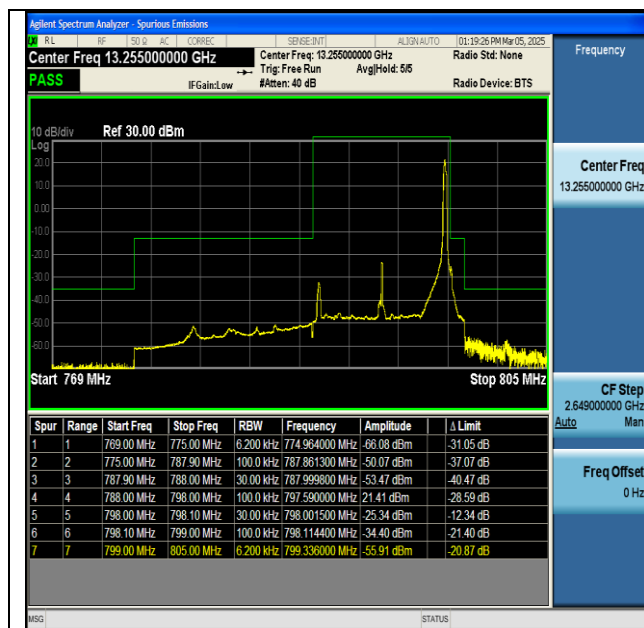
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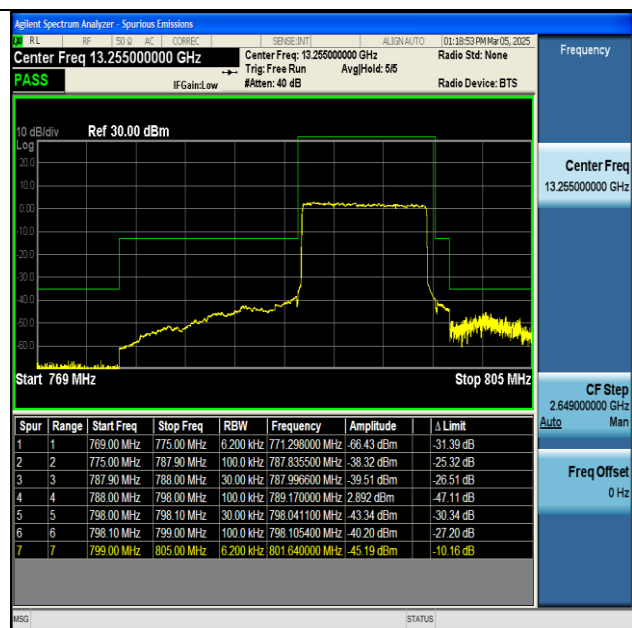
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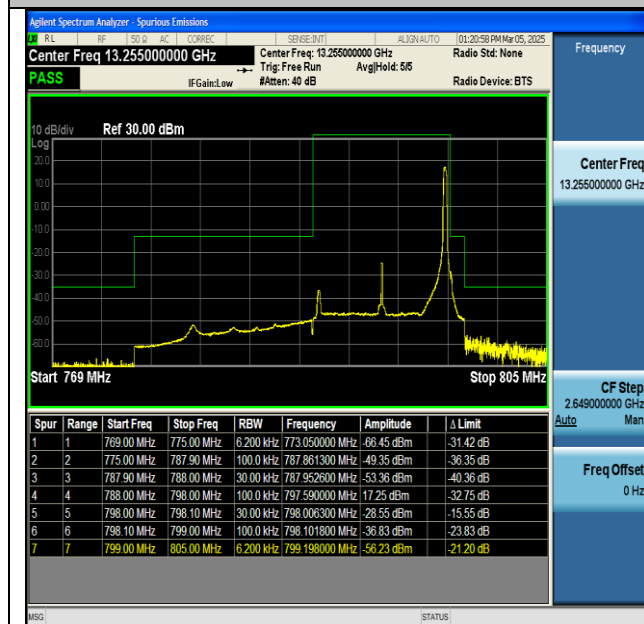
NTNV-n14-PC3-15-10-L-CP-QPSK-Outer\_Full-PASS



NTNV-n14-PC3-15-10-H-DFT-BPSK-Edge\_1RB\_Right-PASS



NTNV-n14-PC3-15-10-H-DFT-BPSK-Outer\_Full-PASS



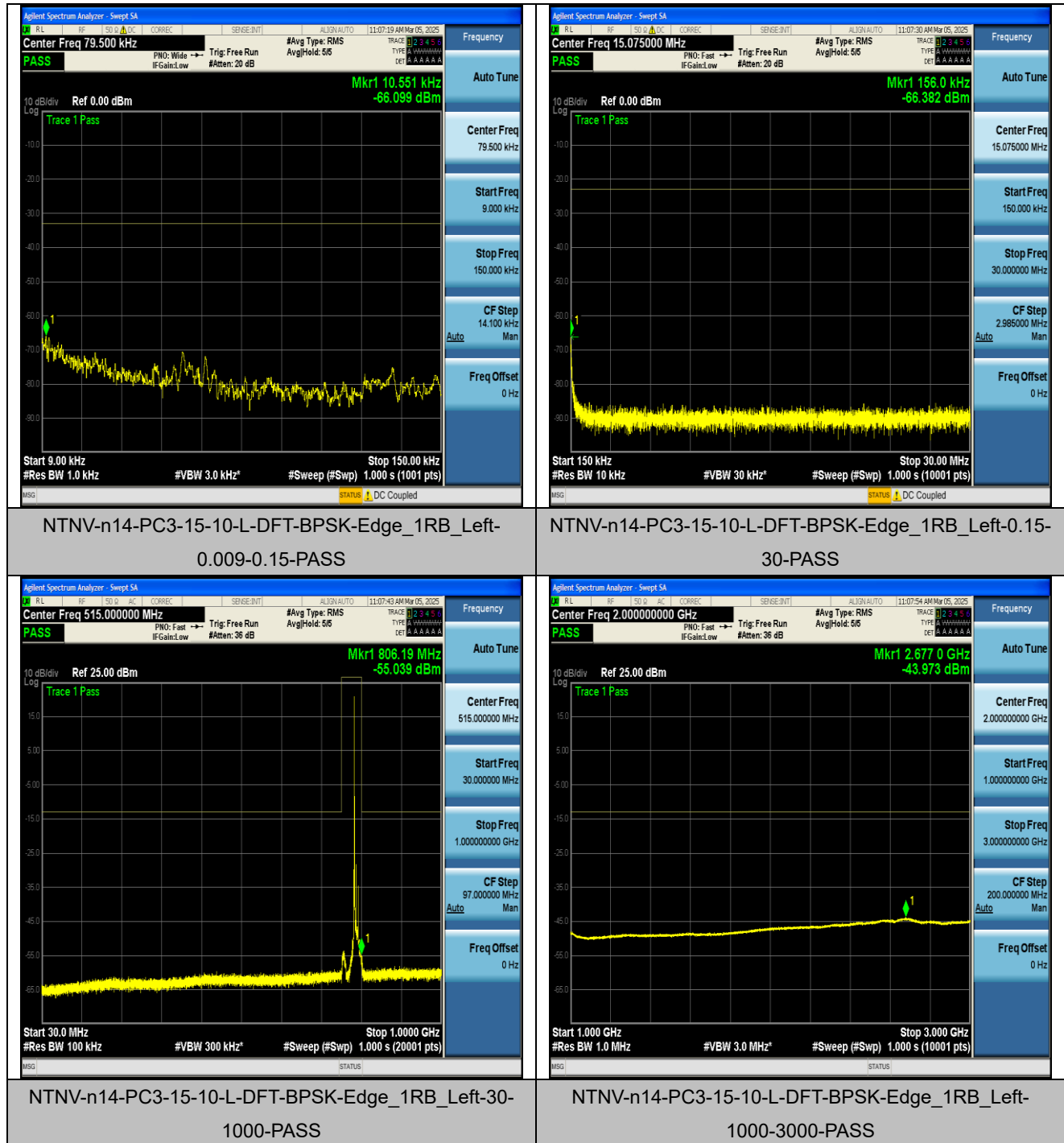
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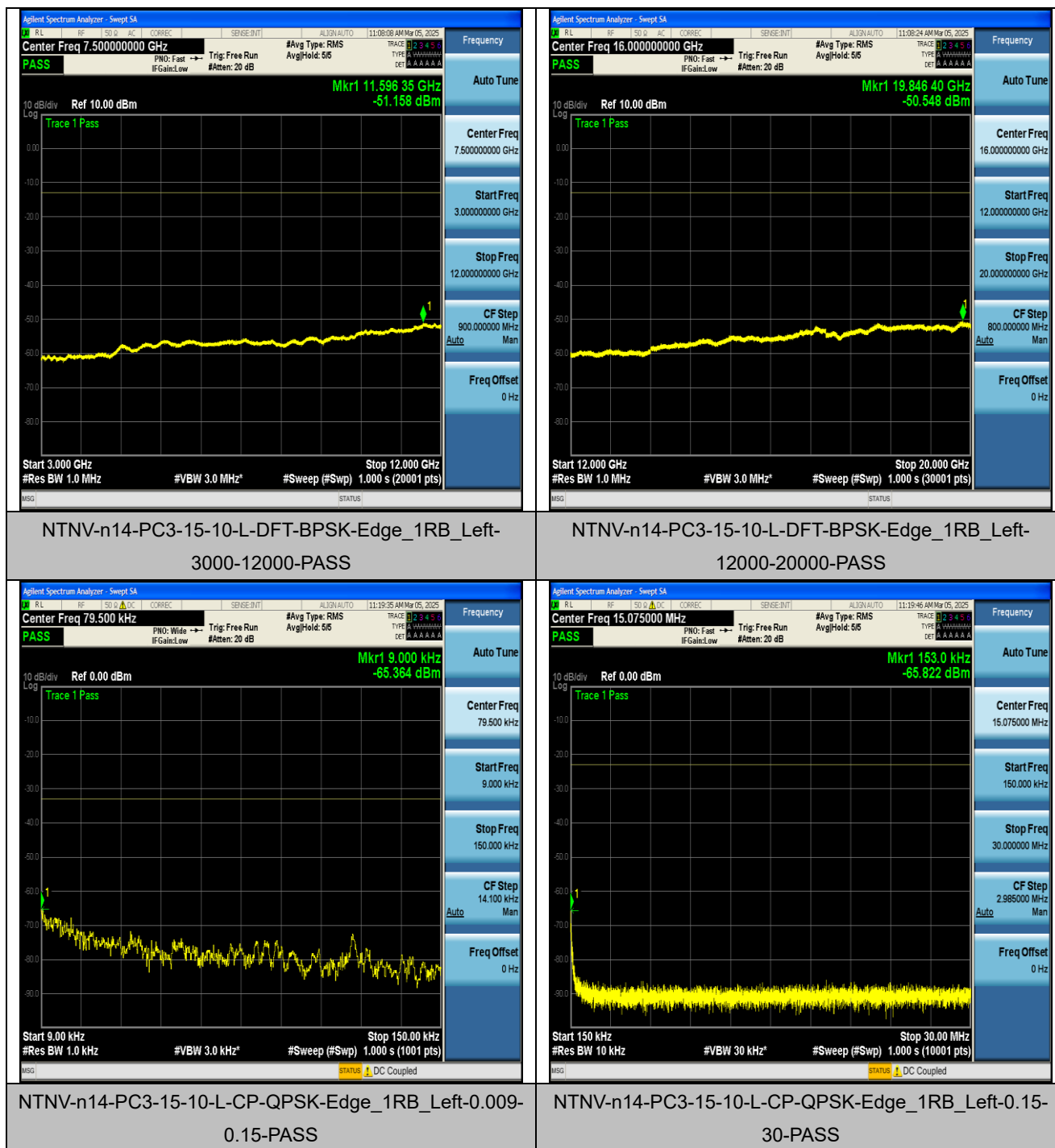


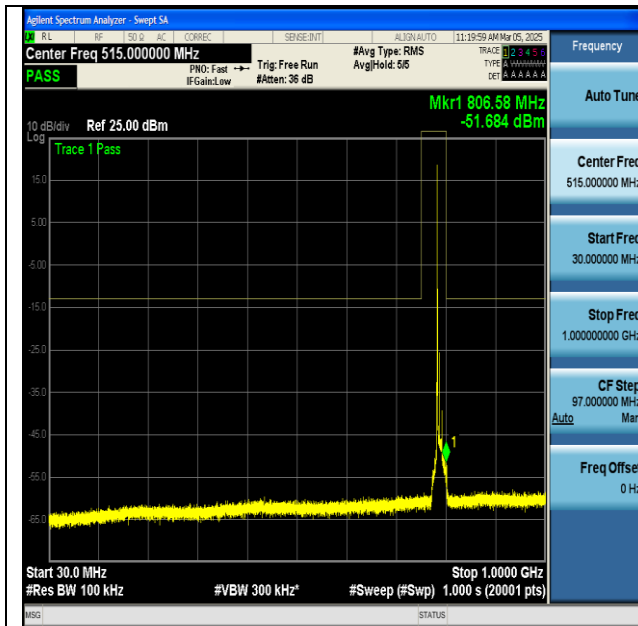
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## Conducted Spurious Emission for SA

### Test Graphs







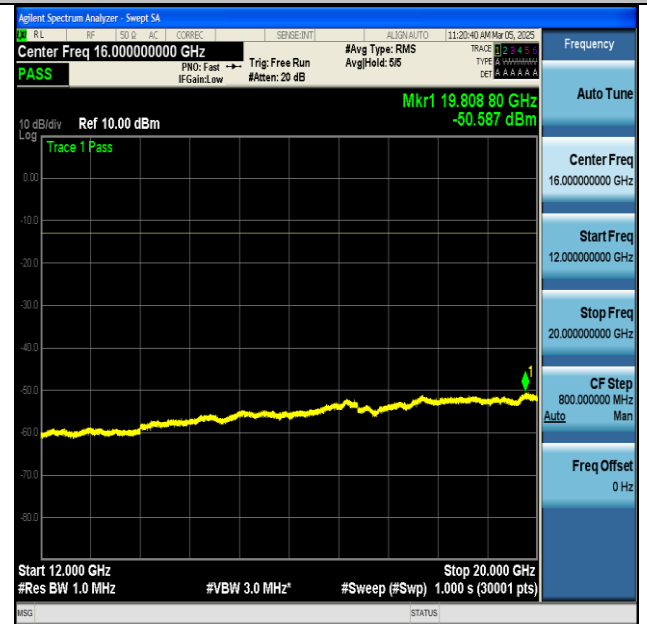
NTNV-n14-PC3-15-10-L-CP-QPSK-Edge\_1RB\_Left-30-1000-PASS



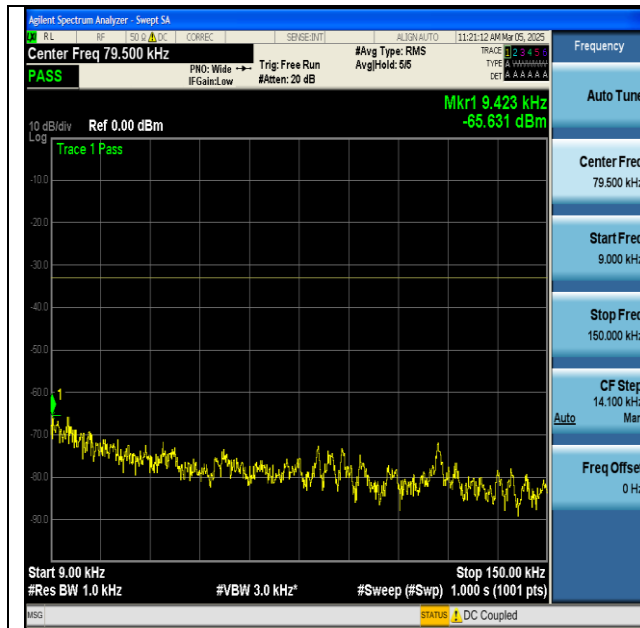
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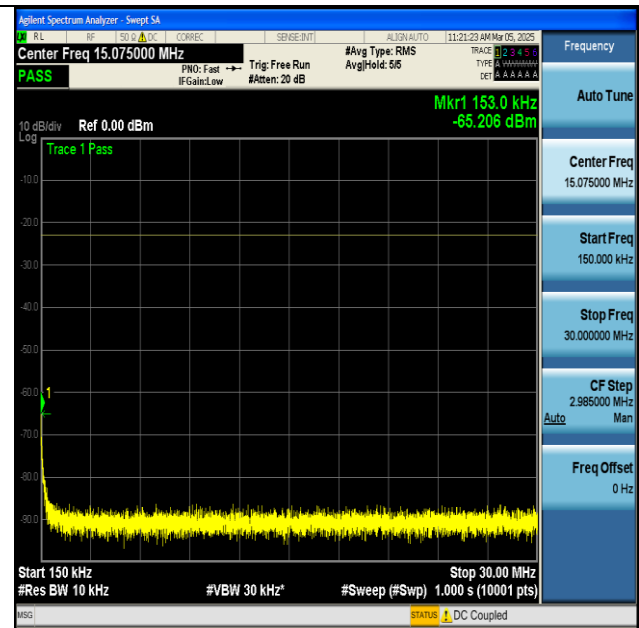
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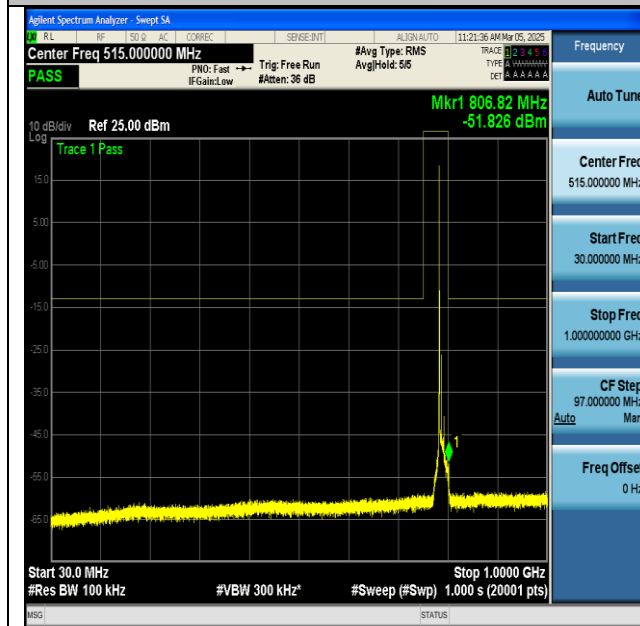
NTNV-n14-PC3-15-10-L-CP-QPSK-Edge\_1RB\_Left-12000-20000-PASS



NTNV-n14-PC3-15-10-M-DFT-BPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS



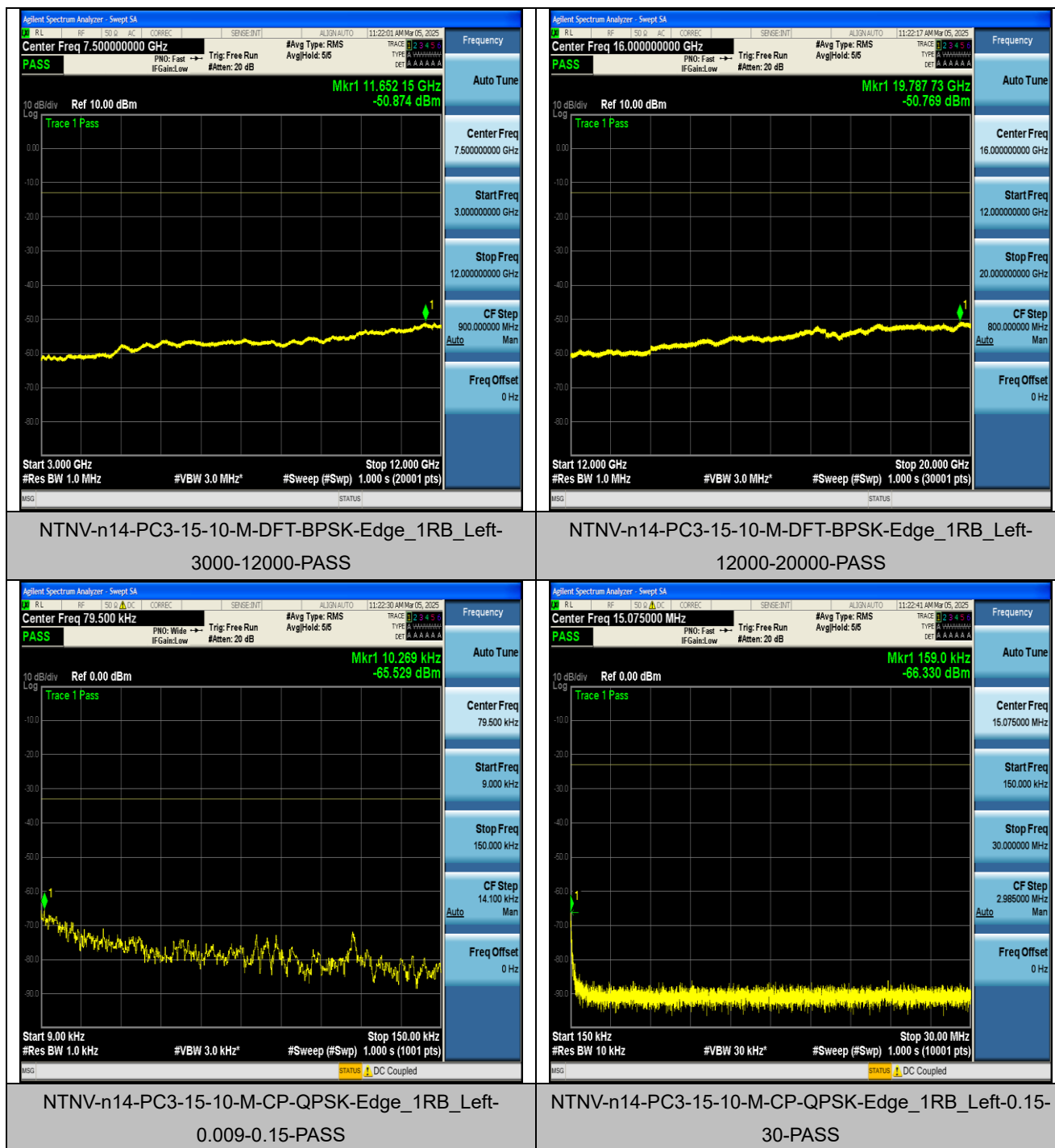
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0.15-30-PASS

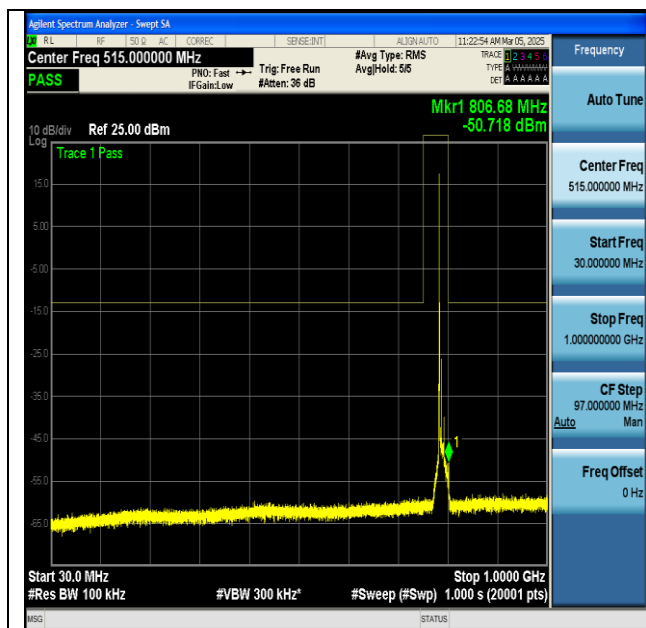


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1000-PASS

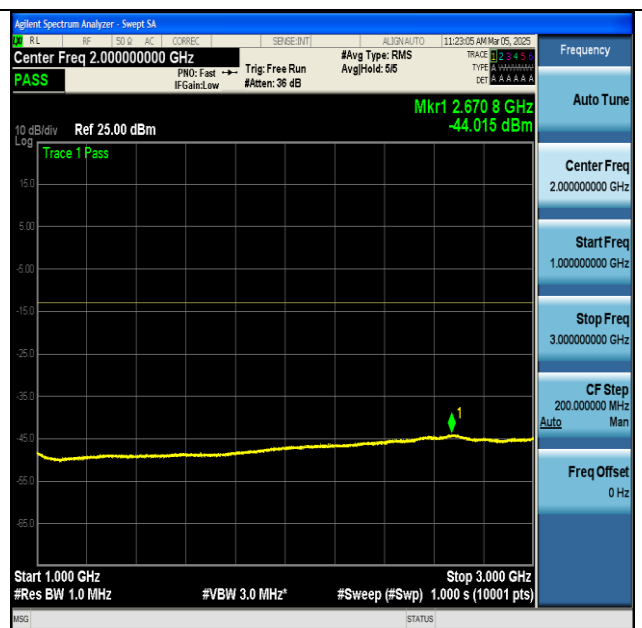


NTNV-n14-PC3-15-10-M-DFT-BPSK-Edge\_1RB\_Left-  
1000-3000-PASS





NTNV-n14-PC3-15-10-M-CP-QPSK-Edge\_1RB\_Left-30-1000-PASS



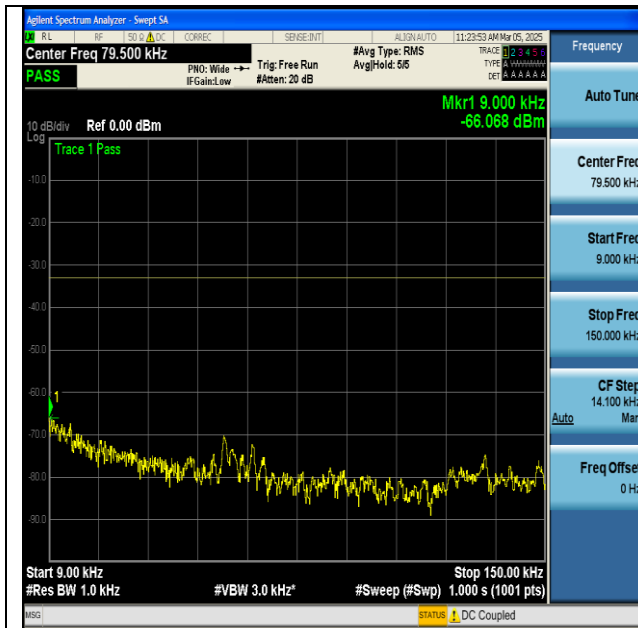
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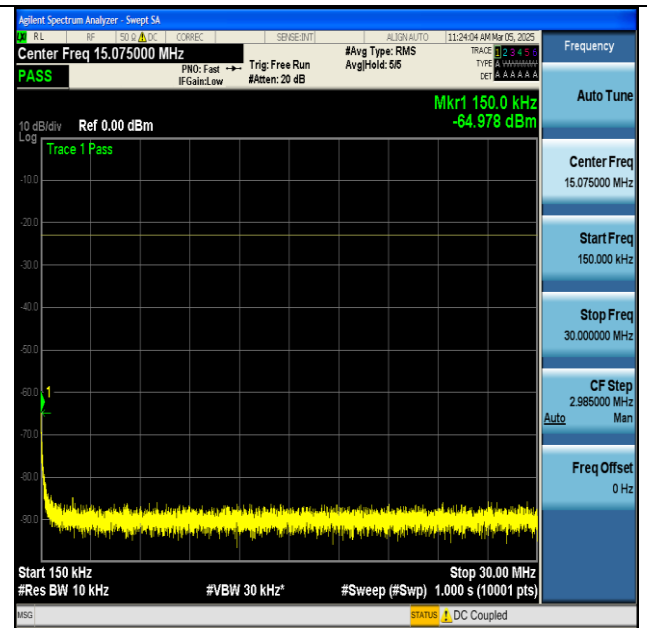
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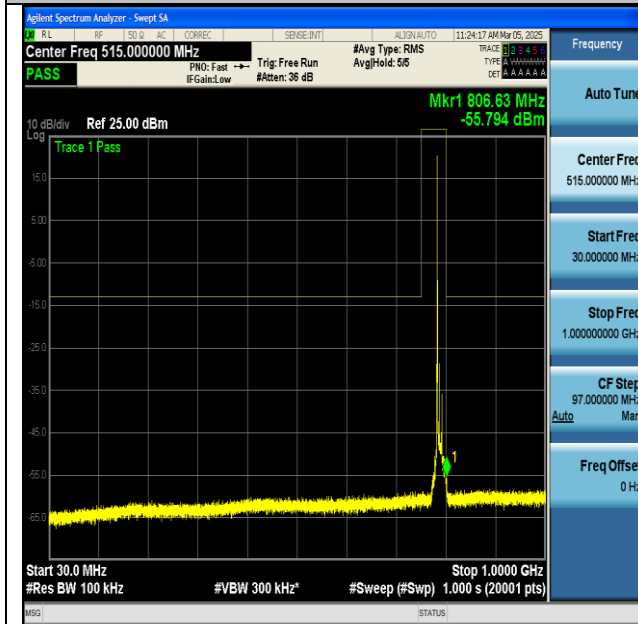
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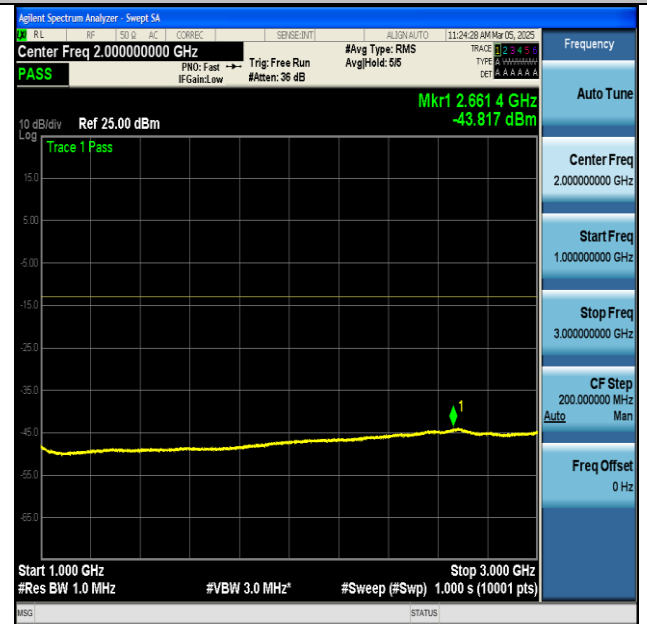
NTNV-n14-PC3-15-10-H-DFT-BPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS



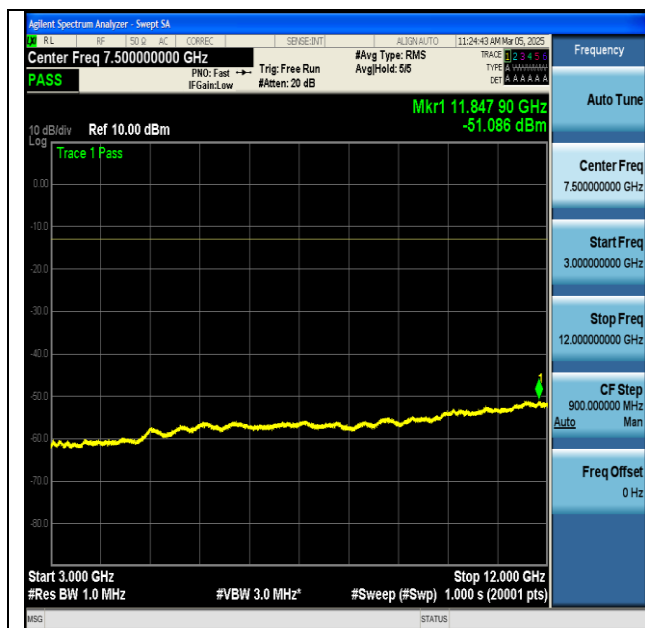
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30-PASS



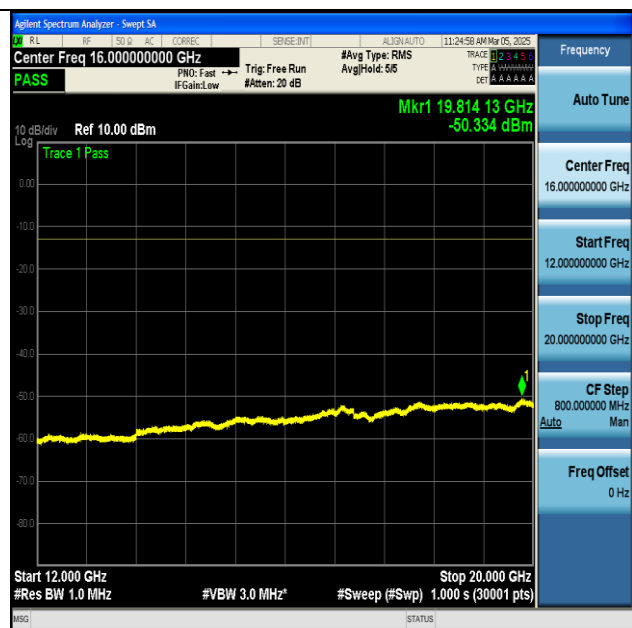
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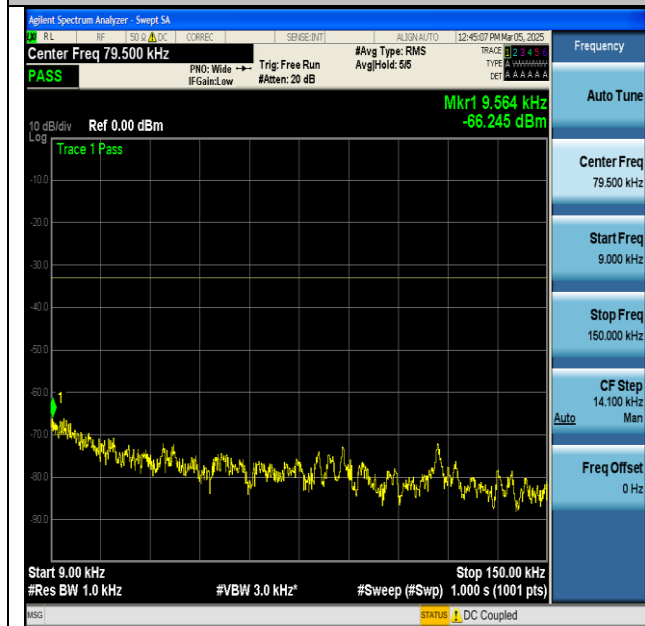
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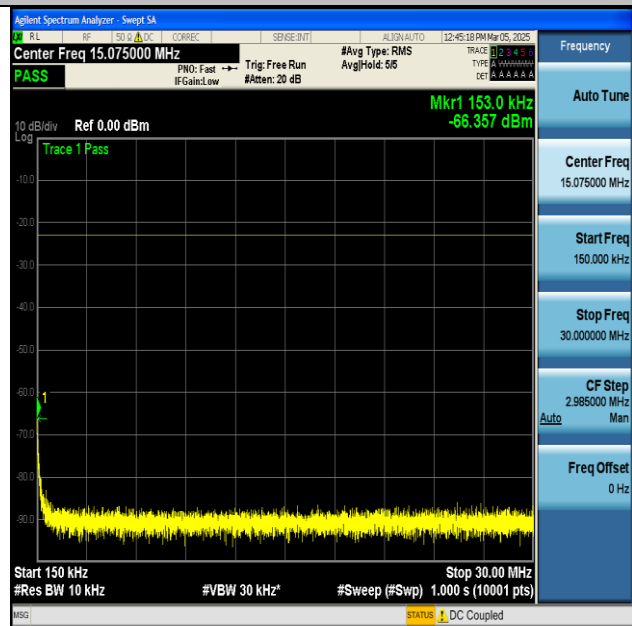
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3000-12000-PASS



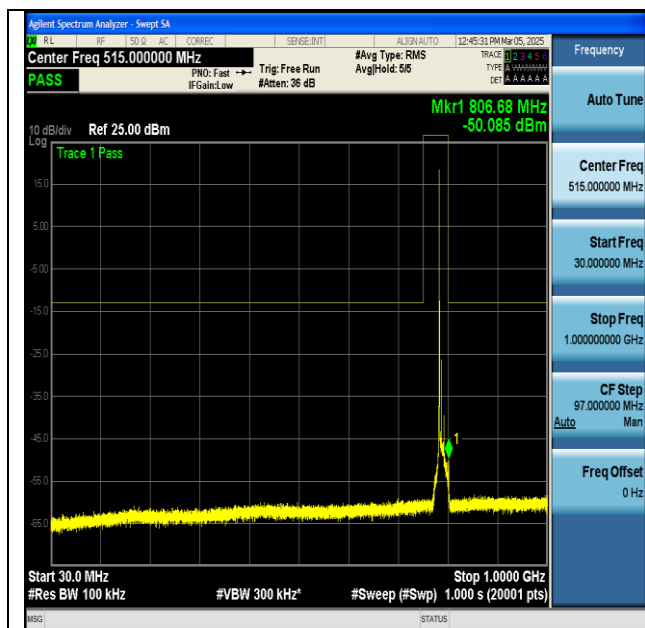
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12000-20000-PASS



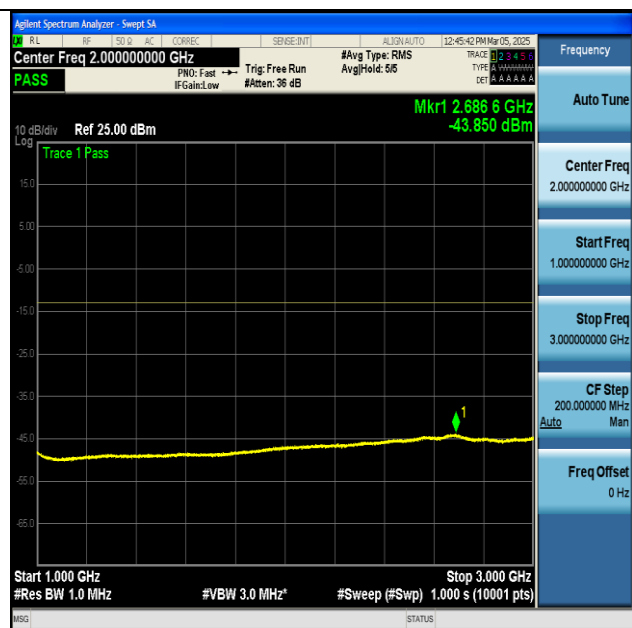
NTNV-n14-PC3-15-10-H-CP-QPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS



NTNV-n14-PC3-15-10-H-CP-QPSK-Edge\_1RB\_Left-0.15-  
30-PASS



NTNV-n14-PC3-15-10-H-CP-QPSK-Edge\_1RB\_Left-30-1000-PASS



NTNV-n14-PC3-15-10-H-CP-QPSK-Edge\_1RB\_Left-1000-3000-PASS



NTNV-n14-PC3-15-10-H-CP-QPSK-Edge\_1RB\_Left-3000-12000-PASS



NTNV-n14-PC3-15-10-H-CP-QPSK-Edge\_1RB\_Left-12000-20000-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 |
| n14     | 15  | 10        | DFT-BPSK   | M       | Outer_Full | VL      | NT   | -1             | -0.001261       | PASS    |
| n14     | 15  | 10        | DFT-BPSK   | M       | Outer_Full | VN      | NT   | -1.3           | -0.001639       | PASS    |
| n14     | 15  | 10        | DFT-BPSK   | M       | Outer_Full | VH      | NT   | -1.6           | -0.002018       | PASS    |
| n14     | 15  | 10        | CP-QPSK    | M       | Outer_Full | VL      | NT   | -2.5           | -0.003153       | PASS    |
| n14     | 15  | 10        | CP-QPSK    | M       | Outer_Full | VN      | NT   | -1.1           | -0.001387       | PASS    |
| n14     | 15  | 10        | CP-QPSK    | M       | Outer_Full | VH      | NT   | -0.9           | -0.001135       | PASS    |

#### Frequency Error VS. Temperature

| Temperature |     |           |            |         |            |         |      |                |                 |         |
|-------------|-----|-----------|------------|---------|------------|---------|------|----------------|-----------------|---------|
| Band        | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temp | Deviation (Hz) | Deviation (ppm) | Verdict |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | -30  | -3.6           | -0.00454        | PASS    |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | -20  | -4             | -0.005044       | PASS    |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | -10  | -4.5           | -0.005675       | PASS    |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | 0    | -1.9           | -0.002396       | PASS    |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | 10   | -3.9           | -0.004918       | PASS    |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | 20   | -1.1           | -0.001387       | PASS    |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | 30   | -1.1           | -0.001387       | PASS    |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | 40   | -2.3           | -0.0029         | PASS    |
| n14         | 15  | 10        | DFT-BPSK   | M       | Outer_Full | NV      | 50   | -1.1           | -0.001387       | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | -30  | -2.5           | -0.003153       | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | -20  | -1.3           | -0.001639       | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | -10  | -1.8           | -0.00227        | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | 0    | -1.5           | -0.001892       | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | 10   | -0.6           | -0.000757       | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | 20   | -1.7           | -0.002144       | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | 30   | -1.6           | -0.002018       | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | 40   | -2             | -0.002522       | PASS    |
| n14         | 15  | 10        | CP-QPSK    | M       | Outer_Full | NV      | 50   | -2.1           | -0.002648       | PASS    |

~The End~