

## Appendix-E NR Band n79

### Effective (Isotropic) Radiated Power Output Data for SA

#### Test Result

| Band           | SCS | BW | Modulation | CH | RB Config       | Power (dBm) | Limit (dBm) | Verdict |
|----------------|-----|----|------------|----|-----------------|-------------|-------------|---------|
| n79(4940-4990) | 30  | 40 | DFT-BPSK   | L  | Inner_1RB_Left  | 16.89       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-BPSK   | L  | Inner_1RB_Right | 16.85       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-BPSK   | L  | Inner_Full      | 16.61       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-BPSK   | L  | Outer_Full      | 16.21       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-QPSK   | L  | Inner_1RB_Left  | 16.65       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-QPSK   | L  | Inner_1RB_Right | 16.23       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-QPSK   | L  | Inner_Full      | 16.22       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-QPSK   | L  | Outer_Full      | 16.58       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-16QAM  | L  | Inner_1RB_Left  | 16.99       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-16QAM  | L  | Inner_1RB_Right | 16.76       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-16QAM  | L  | Inner_Full      | 16.61       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-16QAM  | L  | Outer_Full      | 16.13       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-64QAM  | L  | Inner_1RB_Left  | 16.59       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-64QAM  | L  | Inner_1RB_Right | 16.94       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-64QAM  | L  | Inner_Full      | 16.64       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-64QAM  | L  | Outer_Full      | 16.53       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-256QAM | L  | Inner_1RB_Left  | 16.01       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-256QAM | L  | Inner_1RB_Right | 16.29       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-256QAM | L  | Inner_Full      | 16.23       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-256QAM | L  | Outer_Full      | 16.51       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-BPSK   | M  | Inner_1RB_Left  | 16.26       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-BPSK   | M  | Inner_1RB_Right | 16.86       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-BPSK   | M  | Inner_Full      | 16.53       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-BPSK   | M  | Outer_Full      | 16.73       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-QPSK   | M  | Inner_1RB_Left  | 16.37       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-QPSK   | M  | Inner_1RB_Right | 16.71       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-QPSK   | M  | Inner_Full      | 16.19       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-QPSK   | M  | Outer_Full      | 16.53       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-16QAM  | M  | Inner_1RB_Left  | 16.97       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-16QAM  | M  | Inner_1RB_Right | 16.37       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-16QAM  | M  | Inner_Full      | 16.79       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-16QAM  | M  | Outer_Full      | 16.76       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-64QAM  | M  | Inner_1RB_Left  | 16.84       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-64QAM  | M  | Inner_1RB_Right | 16.34       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-64QAM  | M  | Inner_Full      | 16.82       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-64QAM  | M  | Outer_Full      | 16.22       | ≤36         | PASS    |
| n79(4940-4990) | 30  | 40 | DFT-256QAM | M  | Inner_1RB_Left  | 16.37       | ≤36         | PASS    |

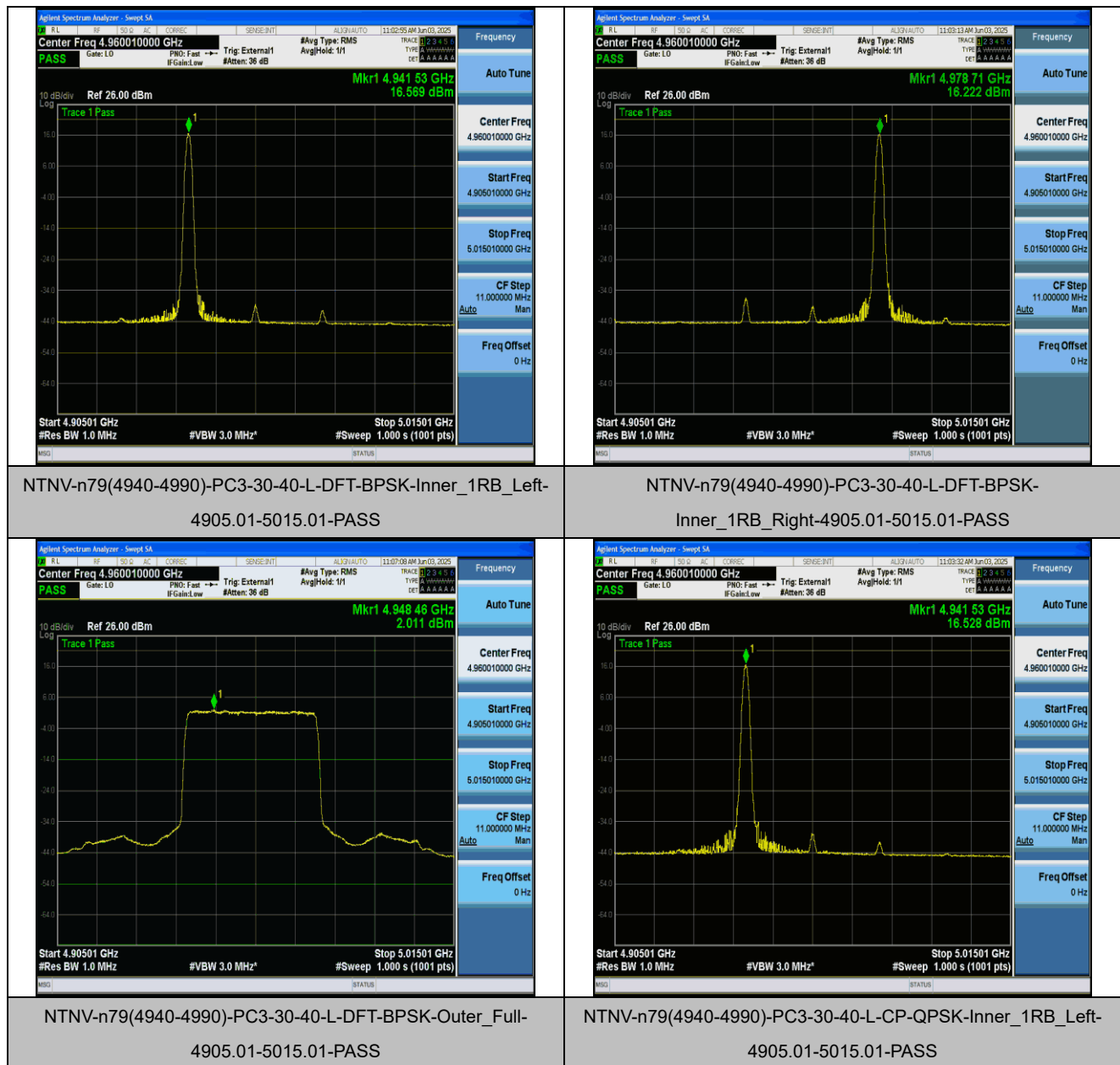
|                |    |    |            |   |                 |       |     |      |
|----------------|----|----|------------|---|-----------------|-------|-----|------|
| n79(4940-4990) | 30 | 40 | DFT-256QAM | M | Inner_1RB_Right | 16.41 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-256QAM | M | Inner_Full      | 16.28 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-256QAM | M | Outer_Full      | 16.24 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-BPSK   | H | Inner_1RB_Left  | 16.39 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-BPSK   | H | Inner_1RB_Right | 16.46 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-BPSK   | H | Inner_Full      | 16.76 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-BPSK   | H | Outer_Full      | 16.64 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-QPSK   | H | Inner_1RB_Left  | 16.37 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-QPSK   | H | Inner_1RB_Right | 16.35 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-QPSK   | H | Inner_Full      | 16.19 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-QPSK   | H | Outer_Full      | 16.22 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-16QAM  | H | Inner_1RB_Left  | 16.39 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-16QAM  | H | Inner_1RB_Right | 16.48 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-16QAM  | H | Inner_Full      | 16.75 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-16QAM  | H | Outer_Full      | 16.51 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-64QAM  | H | Inner_1RB_Left  | 16.89 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-64QAM  | H | Inner_1RB_Right | 16.46 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-64QAM  | H | Inner_Full      | 16.22 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-64QAM  | H | Outer_Full      | 16.74 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-256QAM | H | Inner_1RB_Left  | 16.25 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-256QAM | H | Inner_1RB_Right | 16.48 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-256QAM | H | Inner_Full      | 16.24 | ≤36 | PASS |
| n79(4940-4990) | 30 | 40 | DFT-256QAM | H | Outer_Full      | 16.31 | ≤36 | PASS |

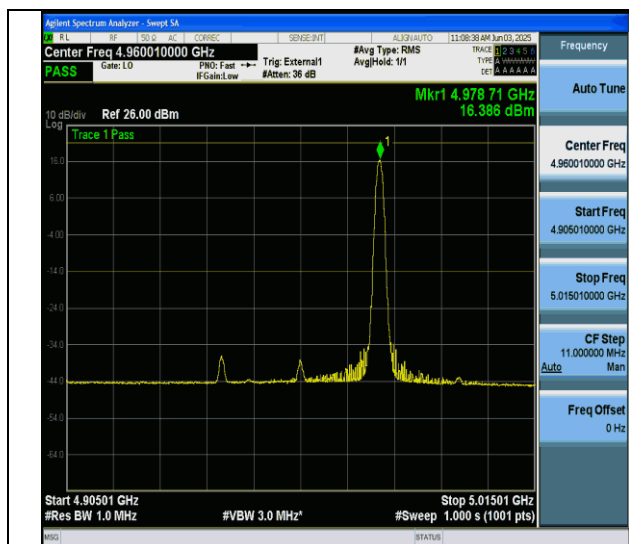
## PSD For SA

## Test Result

| Band           | SCS | Bandwidth | Modulation | Channel | RB Config       | Result<br>(dBm/MHz) | Limit<br>(dBm/MHz) | Verdict |
|----------------|-----|-----------|------------|---------|-----------------|---------------------|--------------------|---------|
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | L       | Inner_1RB_Left  | 16.57               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | L       | Inner_1RB_Right | 16.22               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | L       | Outer_Full      | 2.01                | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | L       | Inner_1RB_Left  | 16.53               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | L       | Inner_1RB_Right | 16.39               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | L       | Outer_Full      | 1.49                | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Inner_1RB_Left  | 16.74               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Inner_1RB_Right | 16.55               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full      | 2.06                | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Inner_1RB_Left  | 16.46               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Inner_1RB_Right | 16.85               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full      | 1.45                | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | H       | Inner_1RB_Left  | 16.70               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | H       | Inner_1RB_Right | 16.67               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | H       | Outer_Full      | 1.82                | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | H       | Inner_1RB_Left  | 16.77               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | H       | Inner_1RB_Right | 16.64               | ≤21                | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | H       | Outer_Full      | 1.51                | ≤21                | PASS    |

## Test Graphs

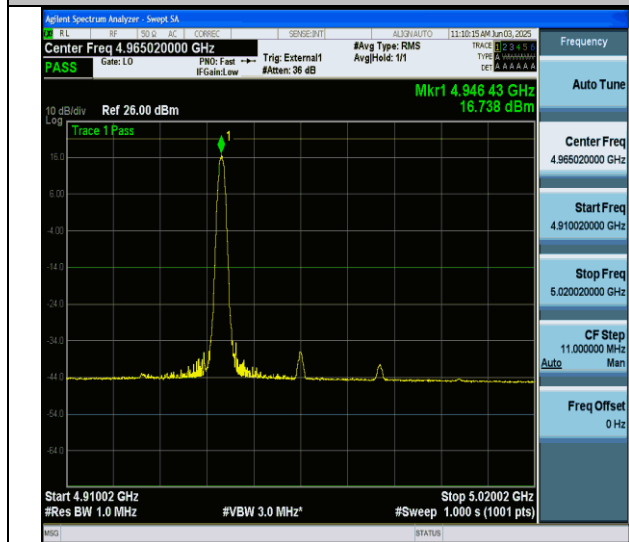




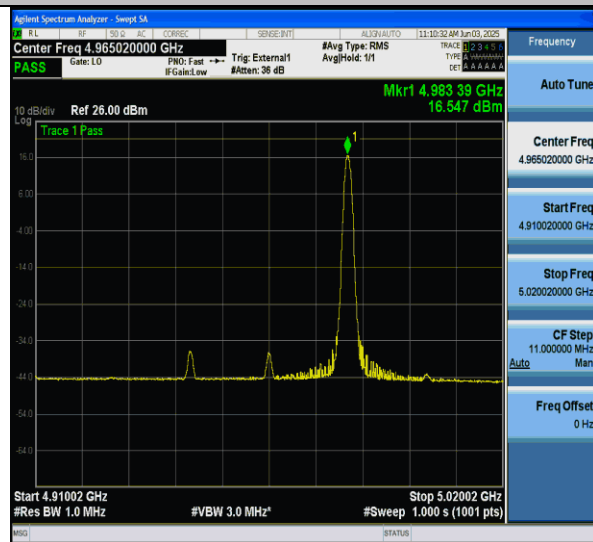
NTNV-n79(4940-4990)-PC3-30-40-L-CP-QPSK-Inner\_1RB\_Right-  
4905.01-5015.01-PASS



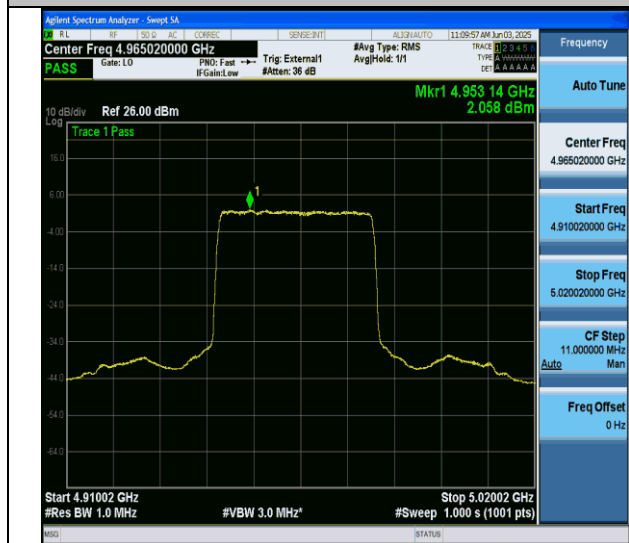
NTNV-n79(4940-4990)-PC3-30-40-L-CP-QPSK-Outer\_Full-  
4905.01-5015.01-PASS



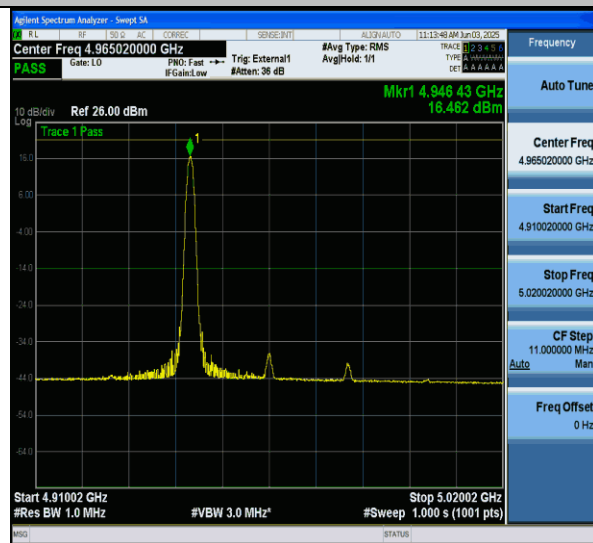
NTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Inner\_1RB\_Left-  
4910.02-5020.02-PASS



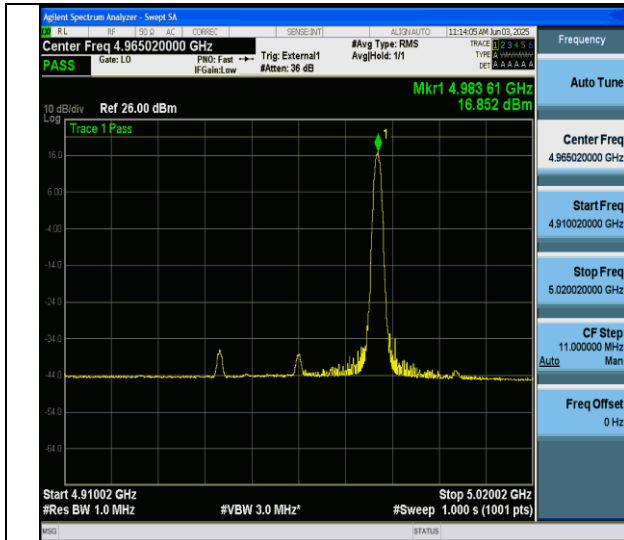
NTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-  
Inner\_1RB\_Right-4910.02-5020.02-PASS



NTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Outer\_Full-  
4910.02-5020.02-PASS



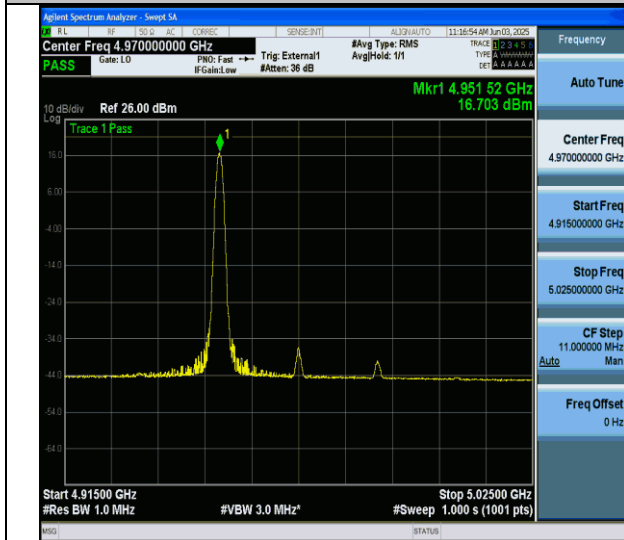
NTNV-n79(4940-4990)-PC3-30-40-M-CP-QPSK-Inner\_1RB\_Left-  
4910.02-5020.02-PASS



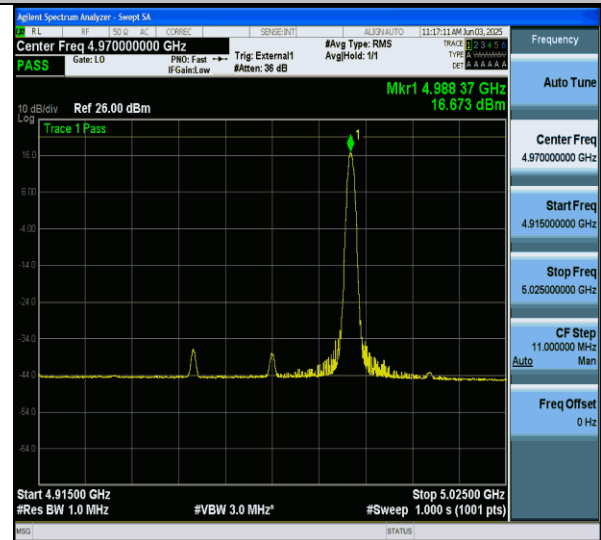
NTNV-n79(4940-4990)-PC3-30-40-M-CP-QPSK-  
Inner\_1RB\_Right-4910.02-5020.02-PASS



NTNV-n79(4940-4990)-PC3-30-40-M-CP-QPSK-Outer\_Full-  
4910.02-5020.02-PASS



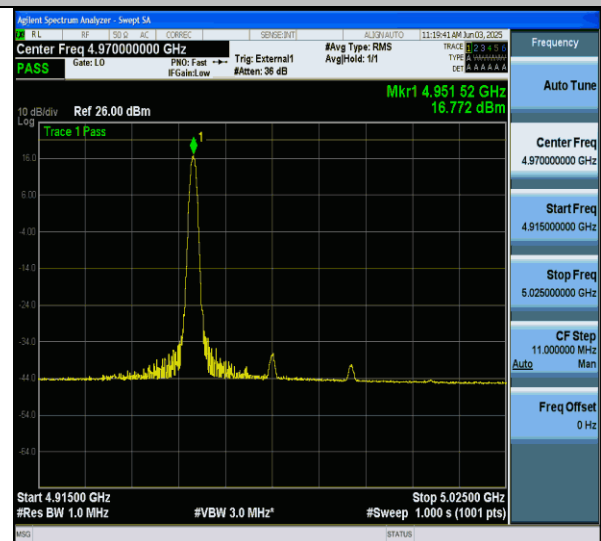
NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Inner\_1RB\_Left-  
4915-5025-PASS



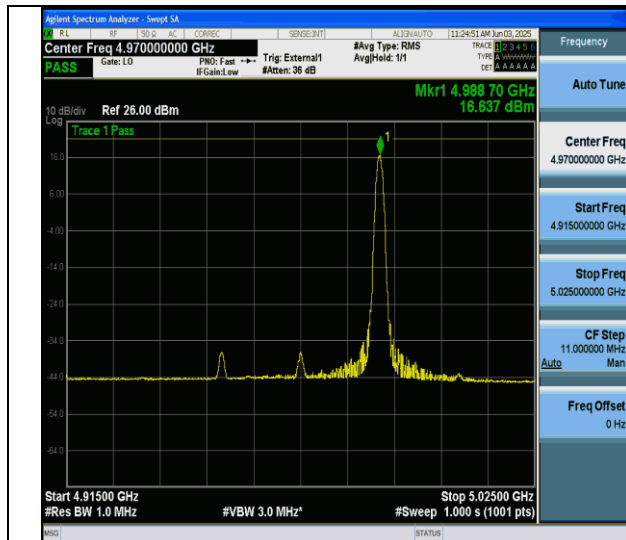
NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-  
Inner\_1RB\_Right-4915-5025-PASS



NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Outer\_Full-  
4915-5025-PASS



NTNV-n79(4940-4990)-PC3-30-40-H-CP-QPSK-Inner\_1RB\_Left-  
4915-5025-PASS



NTNV-n79(4940-4990)-PC3-30-40-H-CP-QPSK-  
Inner\_1RB\_Right-4915-5025-PASS



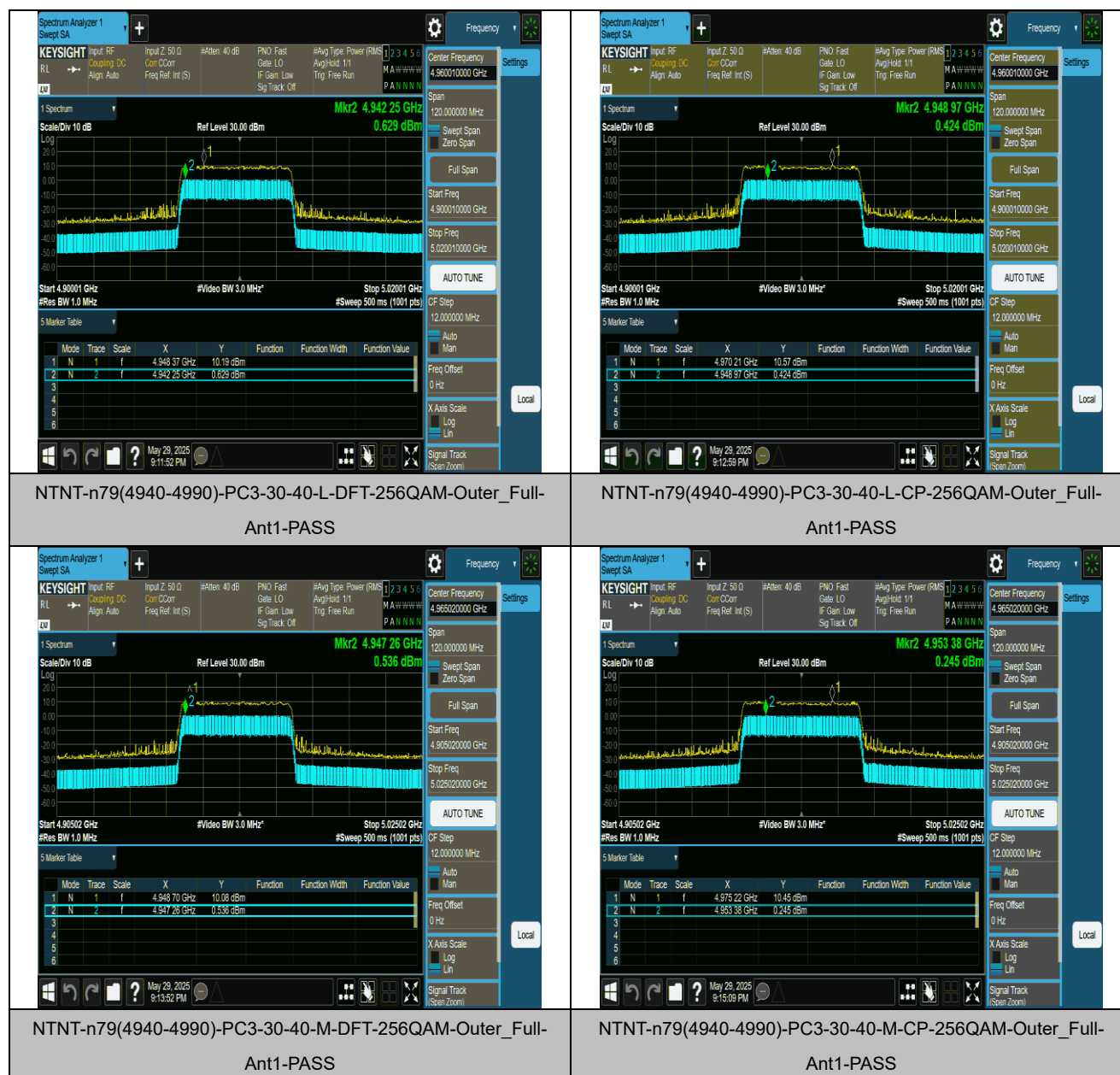
NTNV-n79(4940-4990)-PC3-30-40-H-CP-QPSK-Outer\_Full-4915-  
5025-PASS

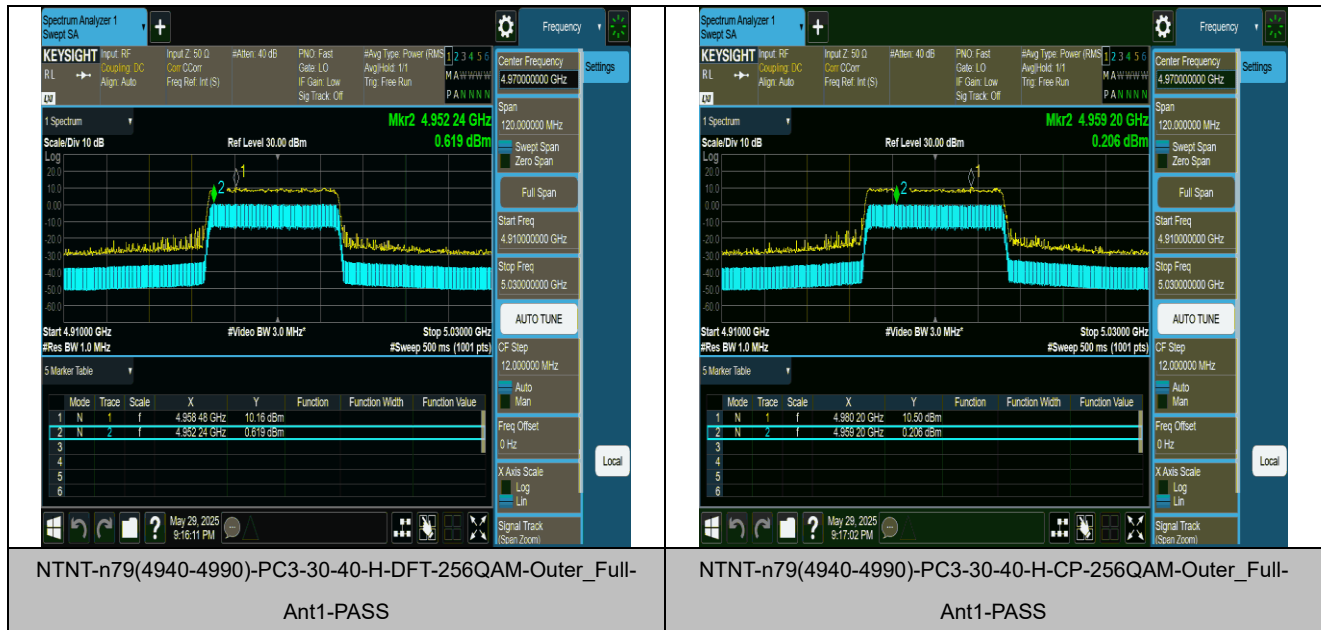
## Peak-to-Average Ratio(PAPR)

### Test Result

| Band           | SCS | Band width | Modulation | Channel | RB Config  | DutyCycle | Factor | Result | Limit | Verdict |
|----------------|-----|------------|------------|---------|------------|-----------|--------|--------|-------|---------|
| n79(4940-4990) | 30  | 40         | DFT-256QAM | L       | Outer_Full | 0         | 0.00   | 9.56   | ≤13   | PASS    |
| n79(4940-4990) | 30  | 40         | CP-256QAM  | L       | Outer_Full | 0         | 0.00   | 10.15  | ≤13   | PASS    |
| n79(4940-4990) | 30  | 40         | DFT-256QAM | M       | Outer_Full | 0         | 0.00   | 9.54   | ≤13   | PASS    |
| n79(4940-4990) | 30  | 40         | CP-256QAM  | M       | Outer_Full | 0         | 0.00   | 10.20  | ≤13   | PASS    |
| n79(4940-4990) | 30  | 40         | DFT-256QAM | H       | Outer_Full | 0         | 0.00   | 9.54   | ≤13   | PASS    |
| n79(4940-4990) | 30  | 40         | CP-256QAM  | H       | Outer_Full | 0         | 0.00   | 10.29  | ≤13   | PASS    |

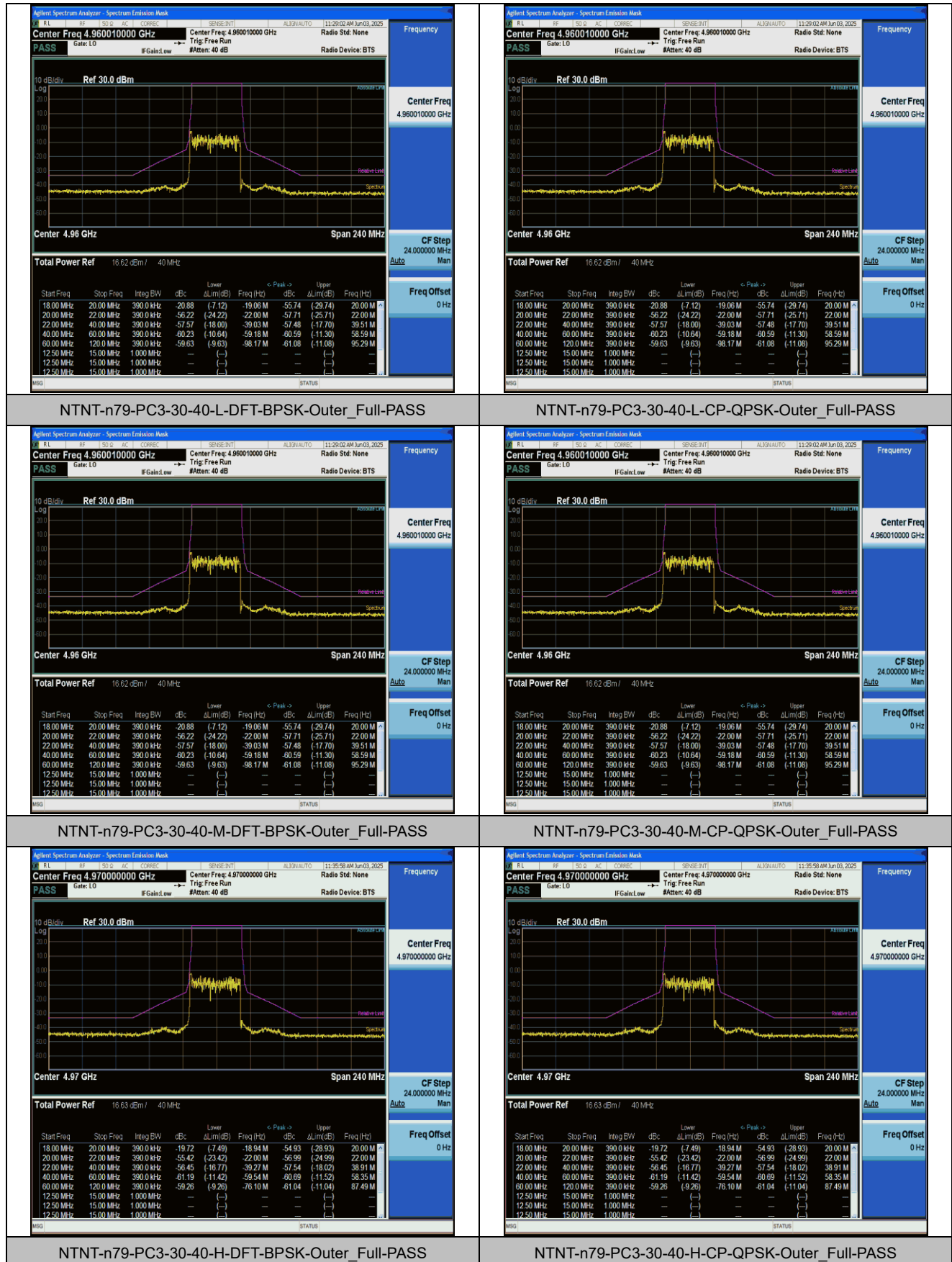
## Test Graphs





## Spectrum\_Emission\_Mask

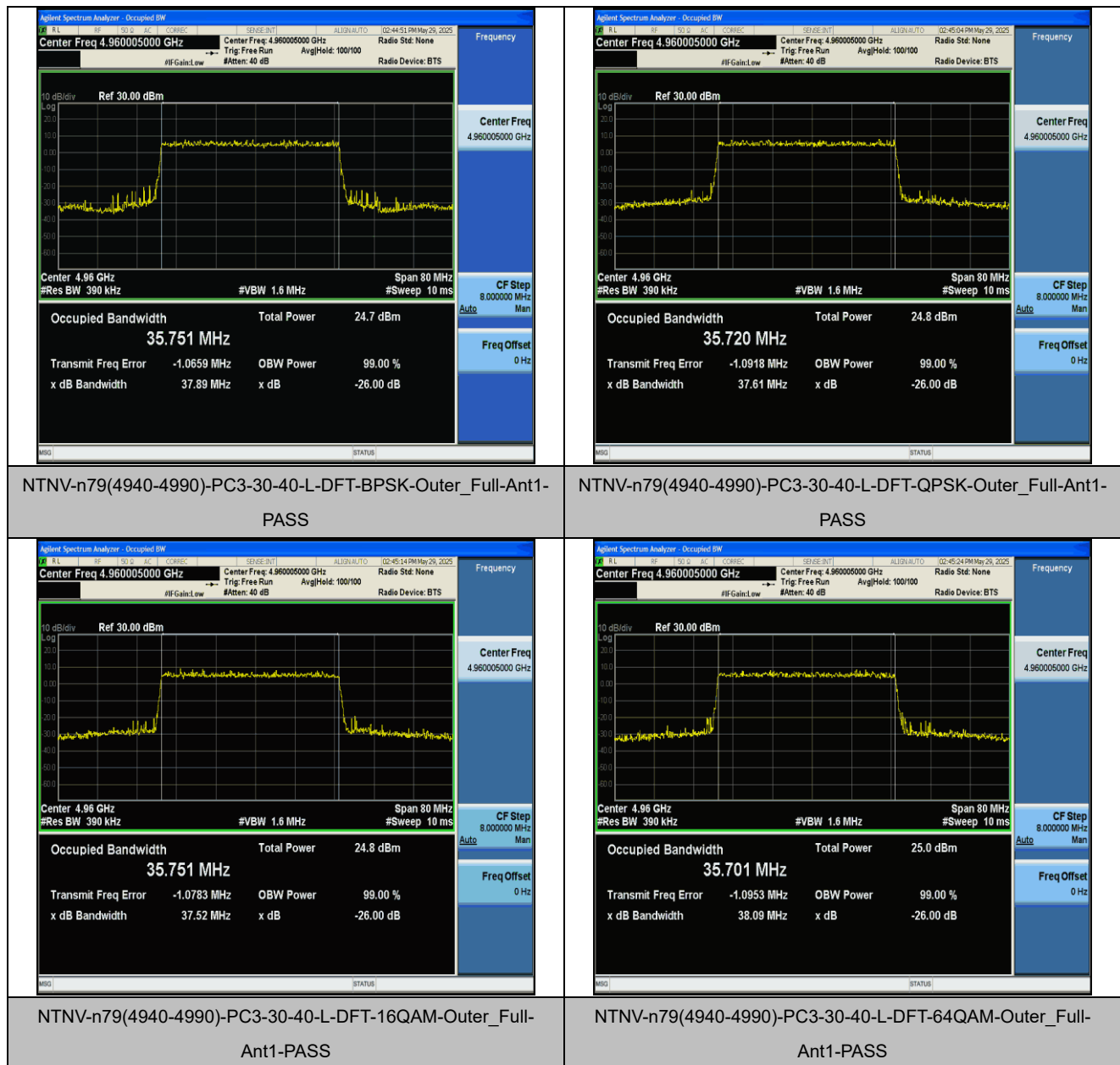
## Test Graphs

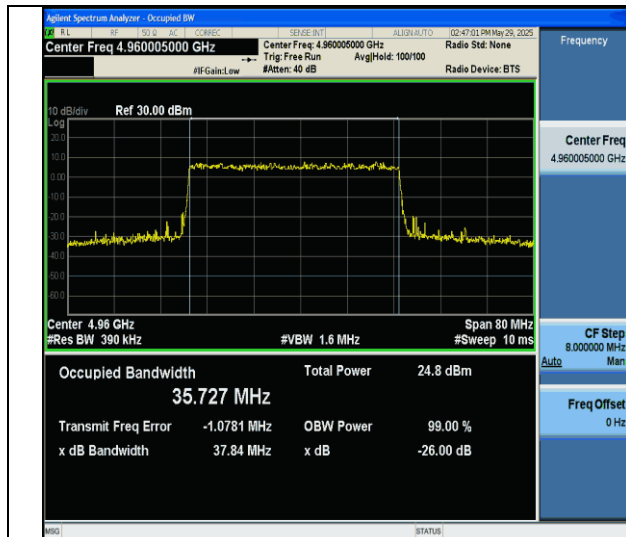


**26dB Bandwidth and Occupied Bandwidth for SA****Test Result**

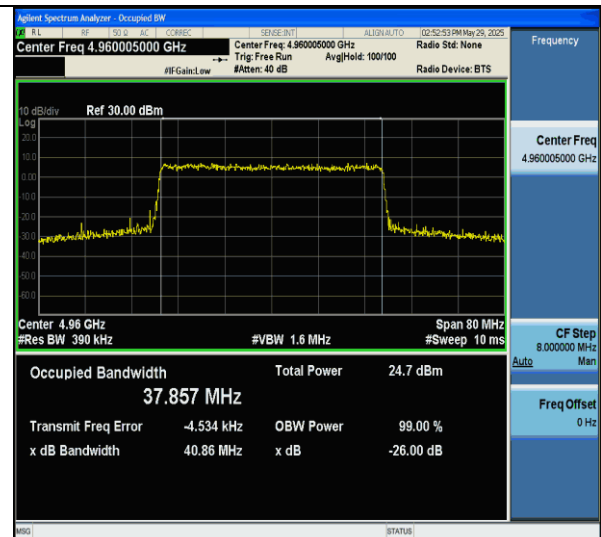
| Band           | SCS | Bandwidth | NrModulation | Channel | RB Config  | 99%<br>(MHz) | 26dB<br>(MHz) | Verdict |
|----------------|-----|-----------|--------------|---------|------------|--------------|---------------|---------|
| n79(4940-4990) | 30  | 40        | DFT-BPSK     | L       | Outer_Full | 35.751       | 37.89         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-QPSK     | L       | Outer_Full | 35.720       | 37.61         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-16QAM    | L       | Outer_Full | 35.751       | 37.52         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-64QAM    | L       | Outer_Full | 35.701       | 38.09         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-256QAM   | L       | Outer_Full | 35.727       | 37.84         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK      | L       | Outer_Full | 37.857       | 40.86         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-16QAM     | L       | Outer_Full | 37.795       | 40.14         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-64QAM     | L       | Outer_Full | 37.850       | 39.86         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-256QAM    | L       | Outer_Full | 37.923       | 40.51         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK     | M       | Outer_Full | 35.738       | 38.41         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-QPSK     | M       | Outer_Full | 35.694       | 37.63         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-16QAM    | M       | Outer_Full | 35.740       | 38.27         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-64QAM    | M       | Outer_Full | 35.719       | 37.53         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-256QAM   | M       | Outer_Full | 35.722       | 37.42         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK      | M       | Outer_Full | 37.780       | 40.01         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-16QAM     | M       | Outer_Full | 37.832       | 39.67         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-64QAM     | M       | Outer_Full | 37.871       | 40.01         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-256QAM    | M       | Outer_Full | 37.924       | 40.19         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK     | H       | Outer_Full | 35.698       | 38.95         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-QPSK     | H       | Outer_Full | 35.725       | 37.65         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-16QAM    | H       | Outer_Full | 35.725       | 37.59         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-64QAM    | H       | Outer_Full | 35.775       | 38.06         | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-256QAM   | H       | Outer_Full | 35.749       | 38.68         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK      | H       | Outer_Full | 37.839       | 40.07         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-16QAM     | H       | Outer_Full | 37.792       | 40.03         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-64QAM     | H       | Outer_Full | 37.904       | 39.81         | PASS    |
| n79(4940-4990) | 30  | 40        | CP-256QAM    | H       | Outer_Full | 37.904       | 39.85         | PASS    |

## Test Graphs

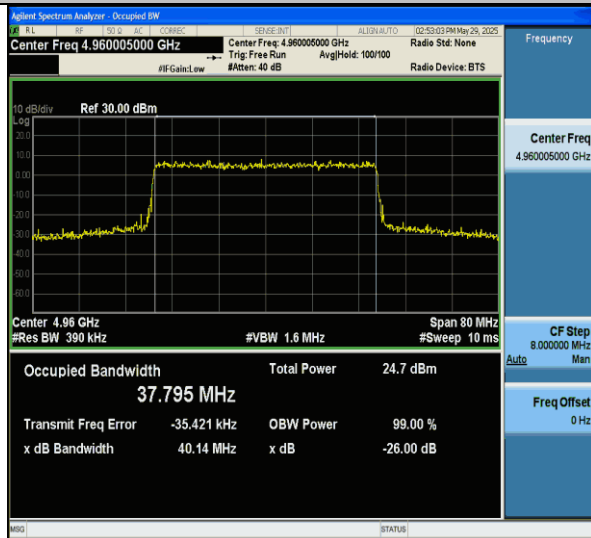




NTNV-n79(4940-4990)-PC3-30-40-L-DFT-256QAM-Outer\_Full-Ant1-PASS



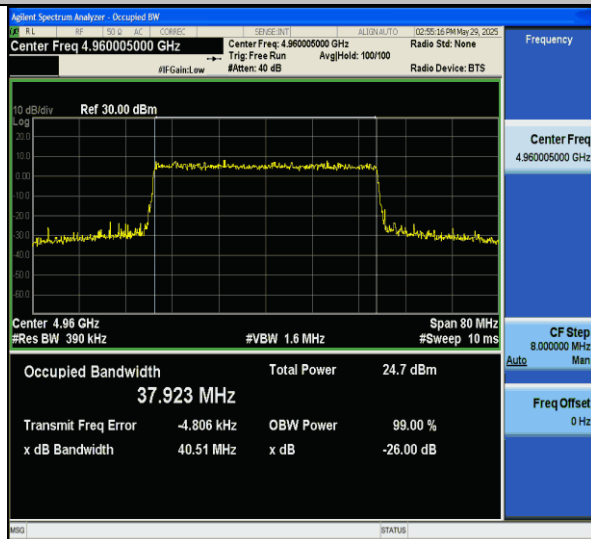
NTNV-n79(4940-4990)-PC3-30-40-L-CP-QPSK-Outer\_Full-Ant1-PASS



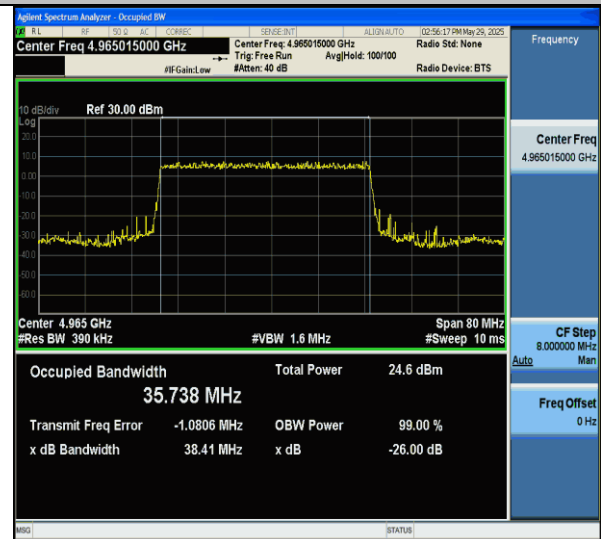
NTNV-n79(4940-4990)-PC3-30-40-L-CP-16QAM-Outer\_Full-Ant1-PASS



NTNV-n79(4940-4990)-PC3-30-40-L-CP-64QAM-Outer\_Full-Ant1-PASS



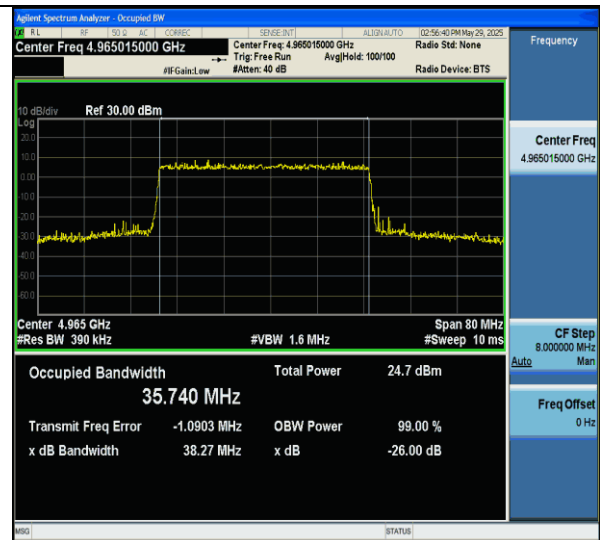
NTNV-n79(4940-4990)-PC3-30-40-L-CP-256QAM-Outer\_Full-Ant1-PASS



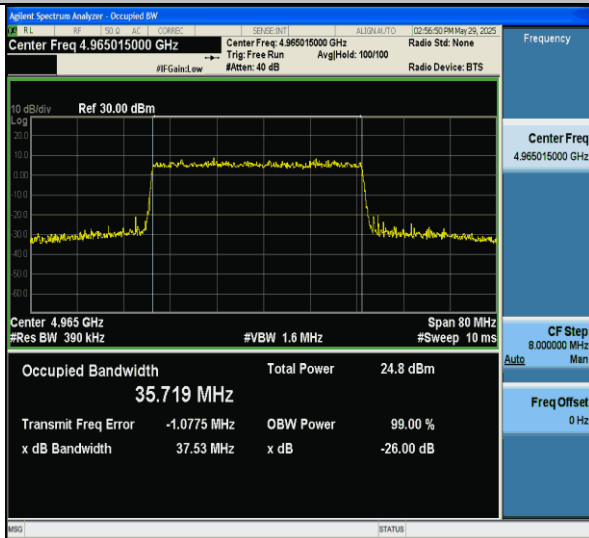
NTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Outer\_Full-Ant1-PASS



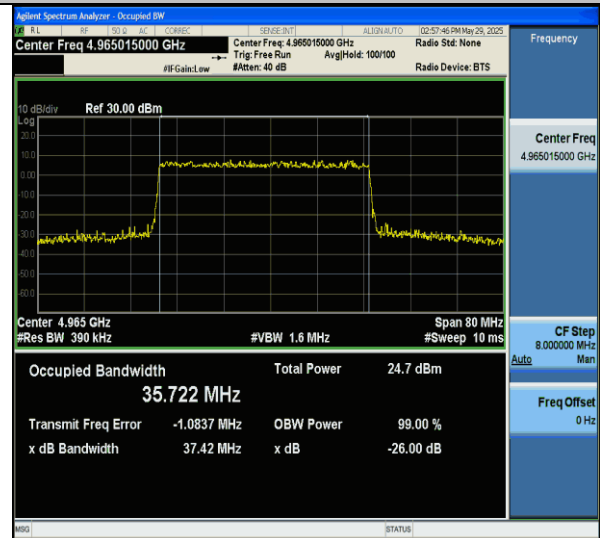
NTNV-n79(4940-4990)-PC3-30-40-M-DFT-QPSK-Outter\_Full-Ant1-PASS



NTNV-n79(4940-4990)-PC3-30-40-M-DFT-16QAM-Outter\_Full-Ant1-PASS



NTNV-n79(4940-4990)-PC3-30-40-M-DFT-64QAM-Outter\_Full-Ant1-PASS



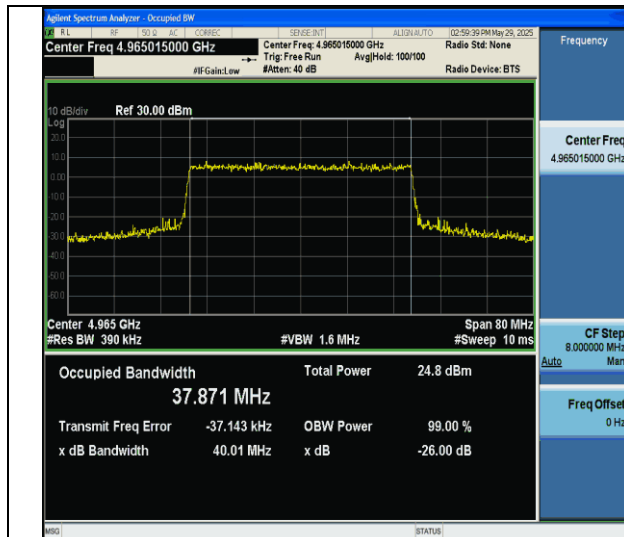
NTNV-n79(4940-4990)-PC3-30-40-M-DFT-256QAM-Outter\_Full-Ant1-PASS



NTNV-n79(4940-4990)-PC3-30-40-M-CP-QPSK-Outter\_Full-Ant1-PASS



NTNV-n79(4940-4990)-PC3-30-40-M-CP-16QAM-Outter\_Full-Ant1-PASS



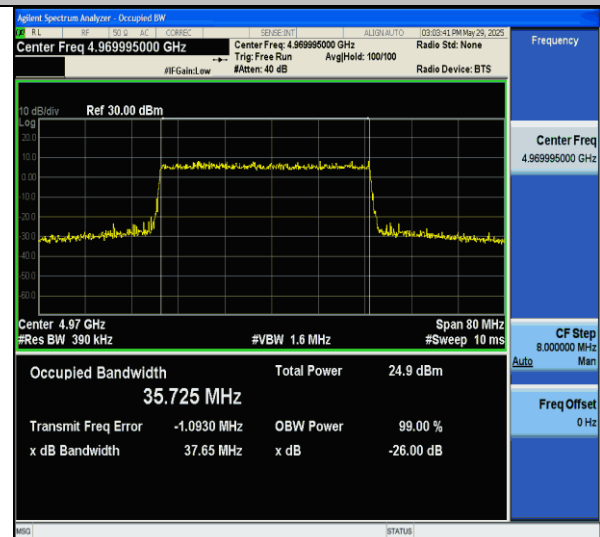
NTNV-n79(4940-4990)-PC3-30-40-M-CP-64QAM-Outer\_Full-Ant1-PASS



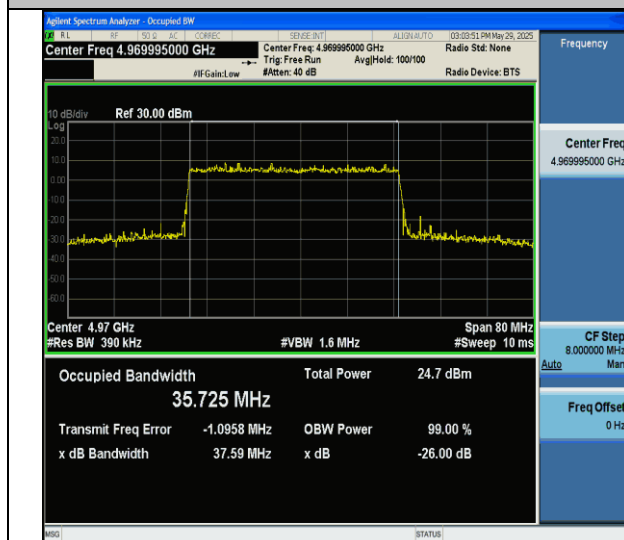
NTNV-n79(4940-4990)-PC3-30-40-M-CP-256QAM-Outer\_Full-Ant1-PASS



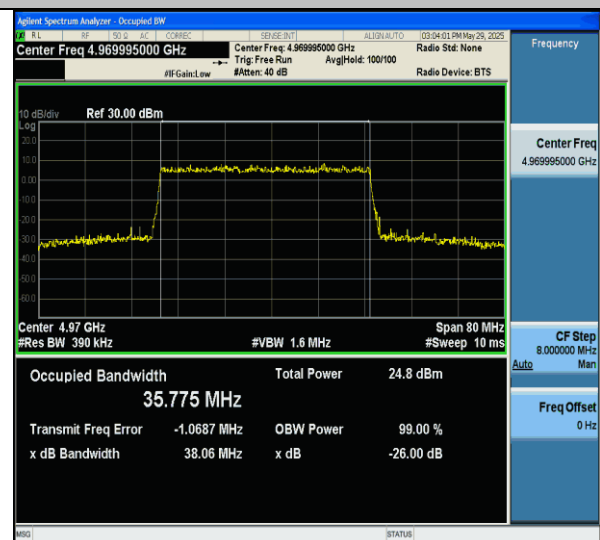
NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Outer\_Full-Ant1-PASS



NTNV-n79(4940-4990)-PC3-30-40-H-DFT-QPSK-Outer\_Full-Ant1-PASS



NTNV-n79(4940-4990)-PC3-30-40-H-DFT-16QAM-Outer\_Full-Ant1-PASS



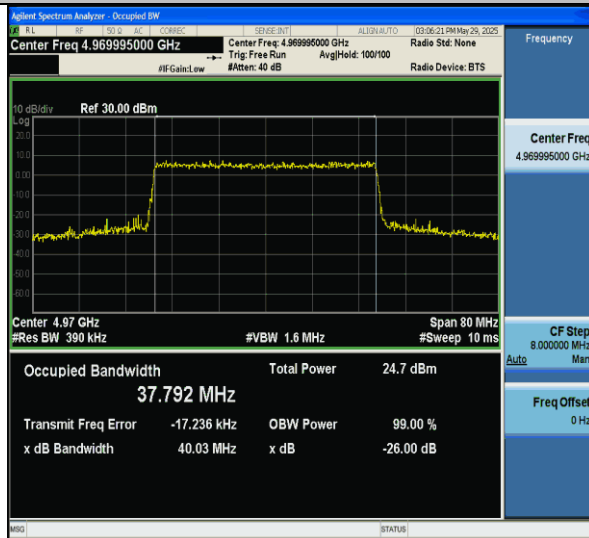
NTNV-n79(4940-4990)-PC3-30-40-H-DFT-64QAM-Outer\_Full-Ant1-PASS



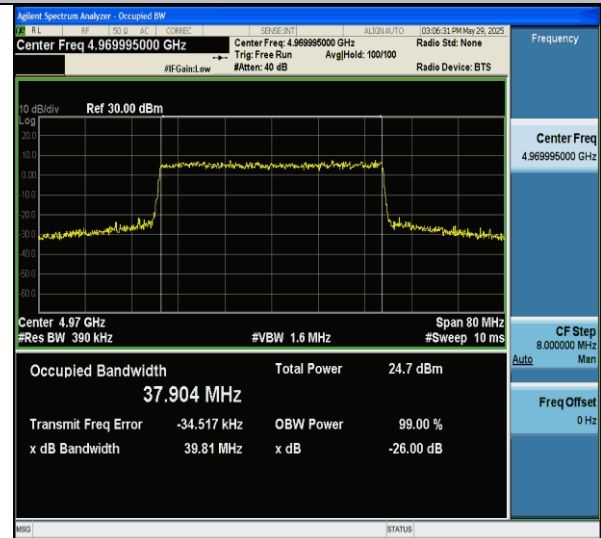
NTNV-n79(4940-4990)-PC3-30-40-H-DFT-256QAM-Outer\_Full-Ant1-PASS



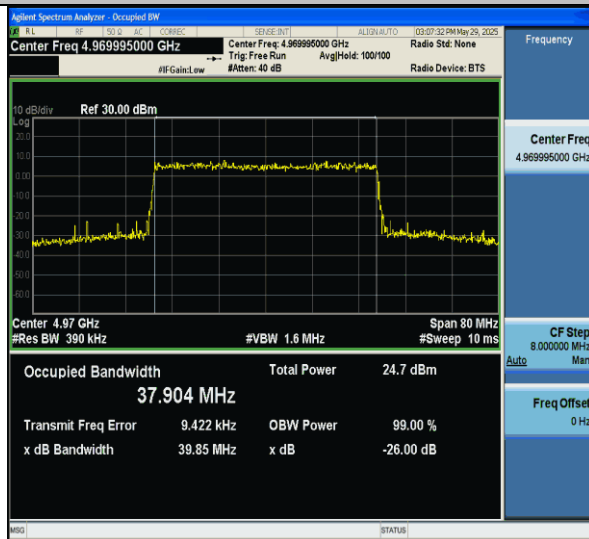
NTNV-n79(4940-4990)-PC3-30-40-H-CP-QPSK-Outer\_Full-Ant1-PASS



NTNV-n79(4940-4990)-PC3-30-40-H-CP-16QAM-Outer\_Full-Ant1-PASS



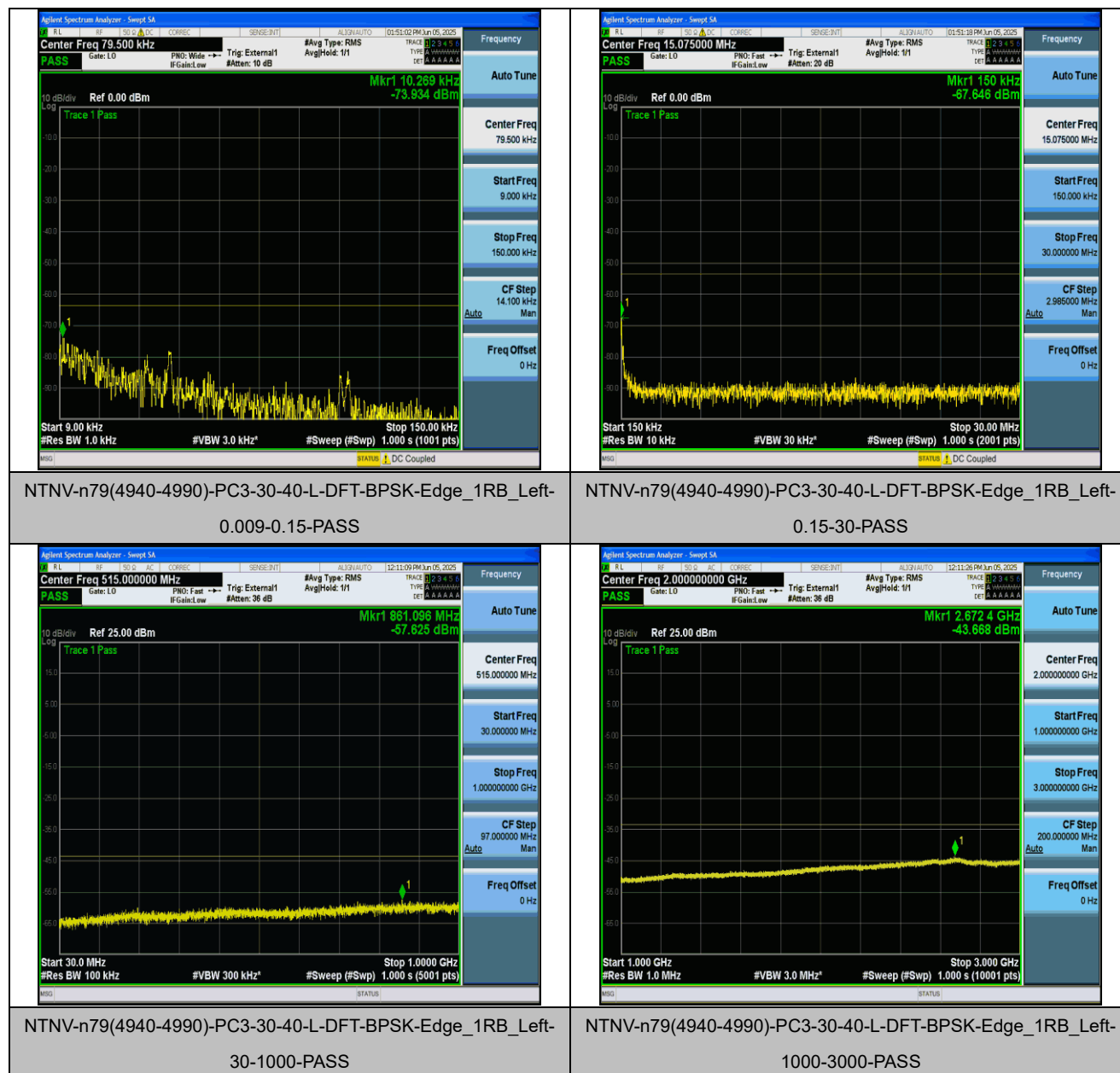
NTNV-n79(4940-4990)-PC3-30-40-H-CP-64QAM-Outer\_Full-Ant1-PASS

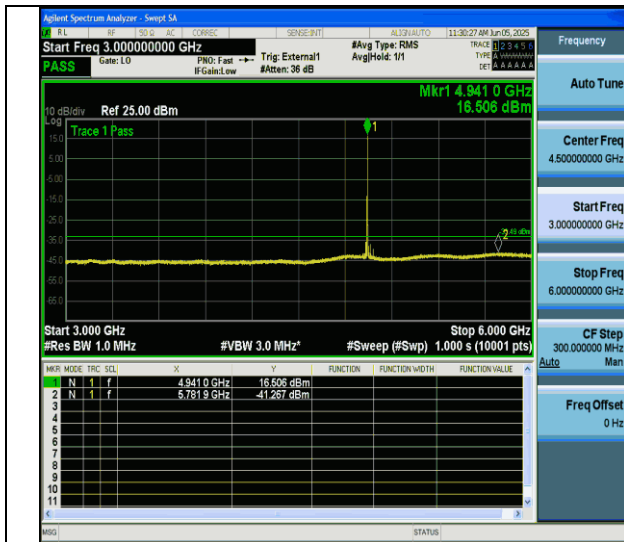
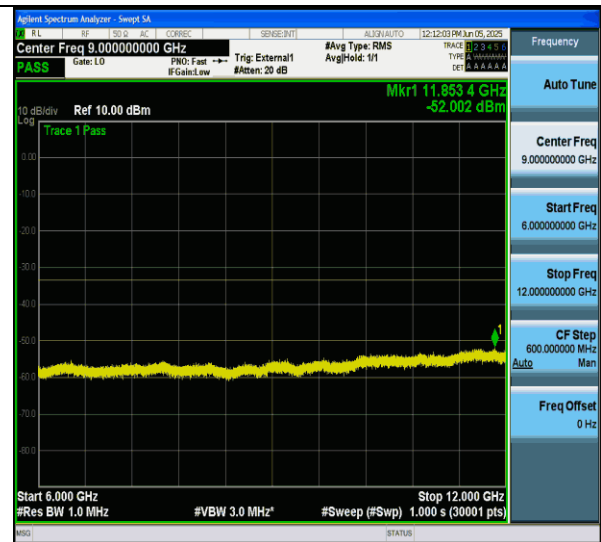


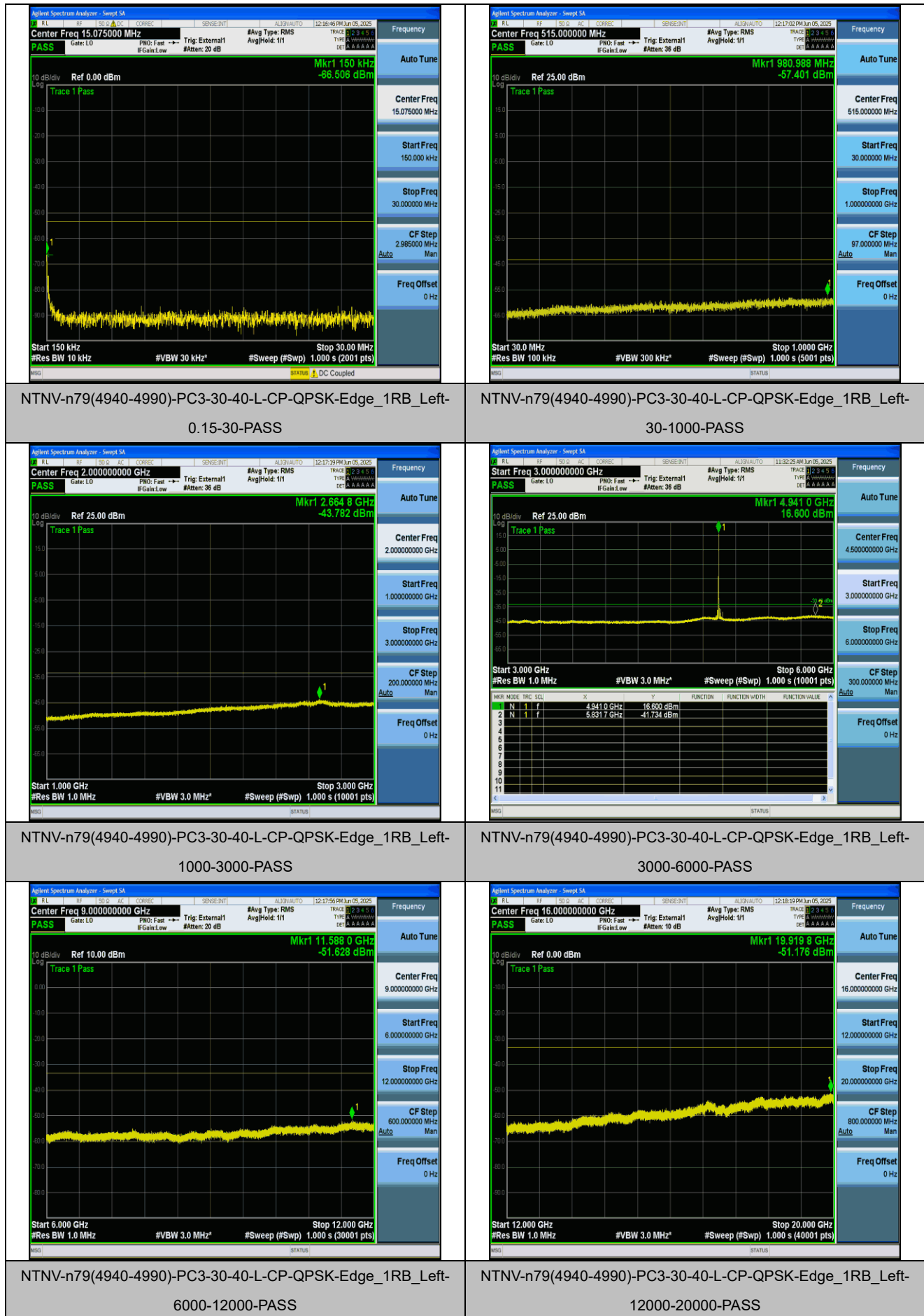
NTNV-n79(4940-4990)-PC3-30-40-H-CP-256QAM-Outer\_Full-Ant1-PASS

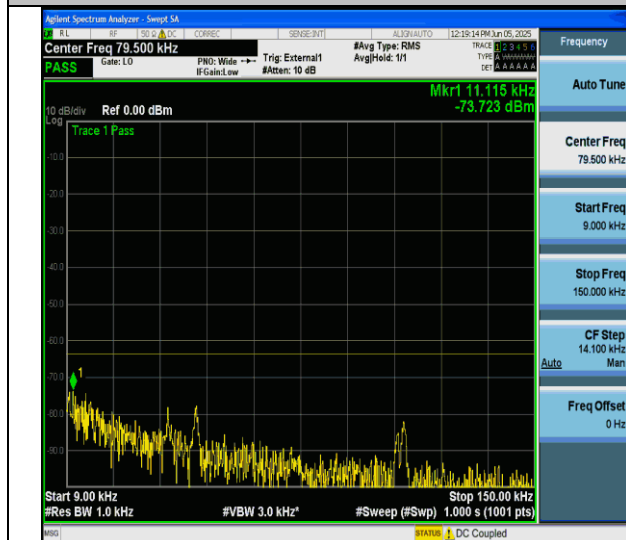
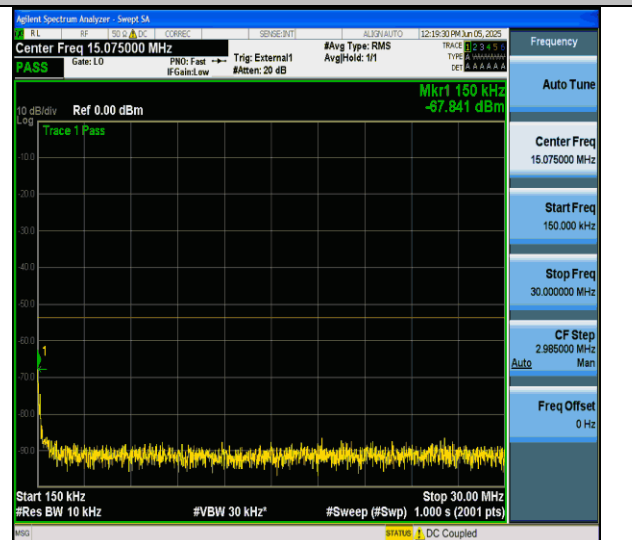
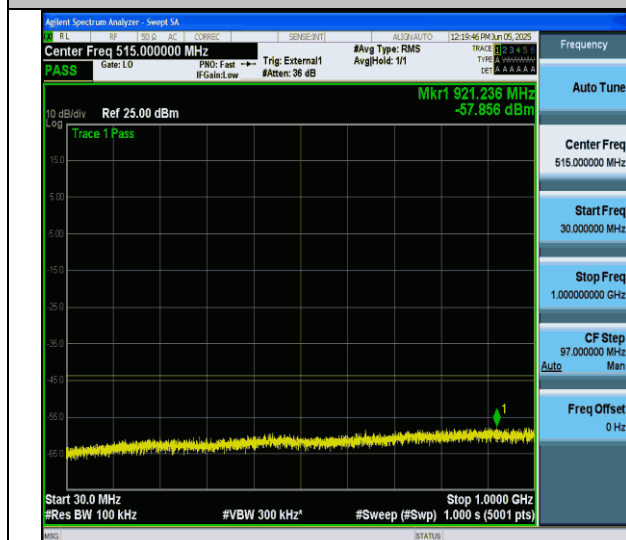
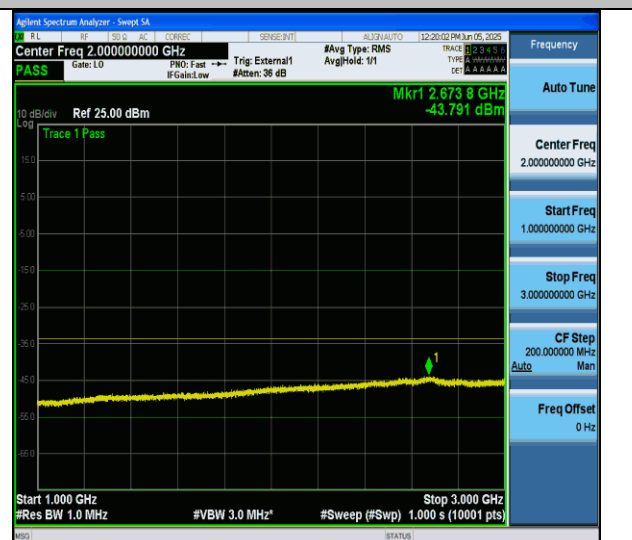
# Conducted Spurious Emission for SA

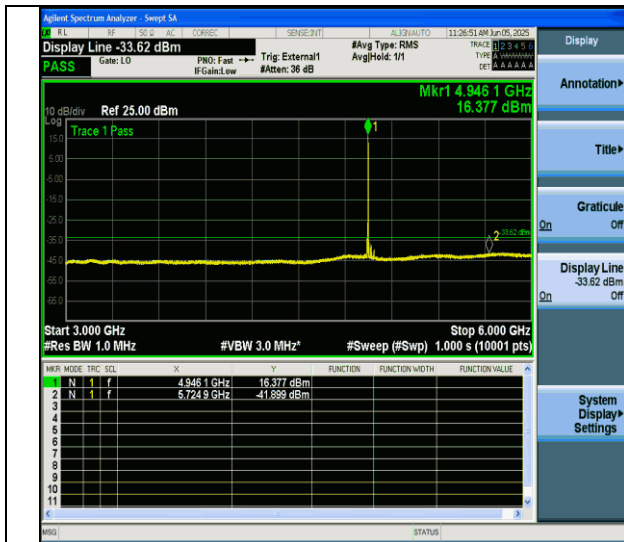
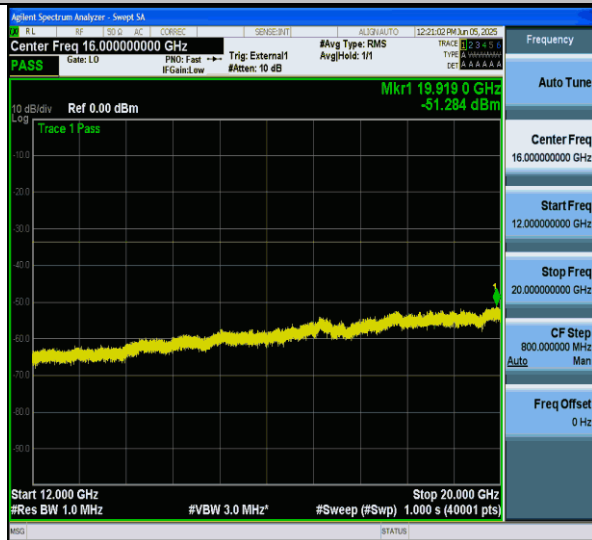
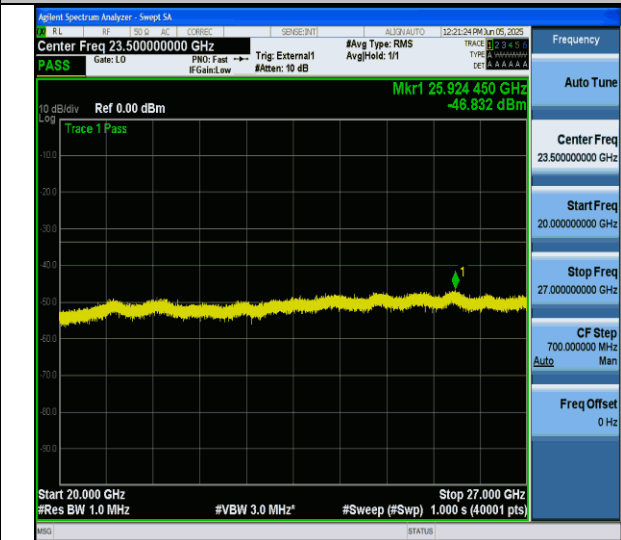
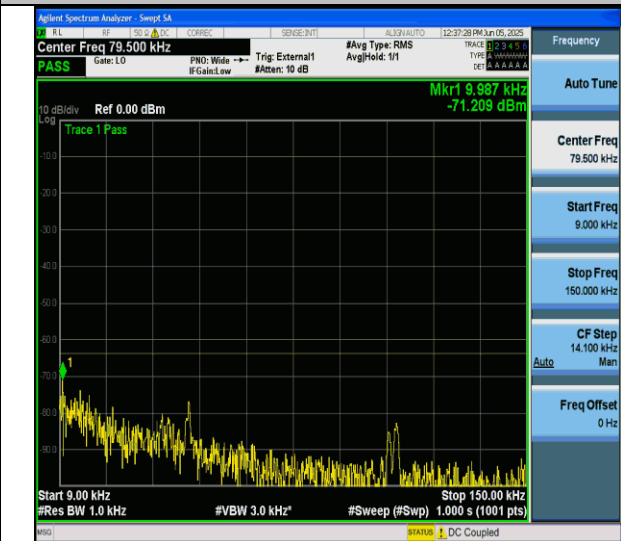
## Test Graphs

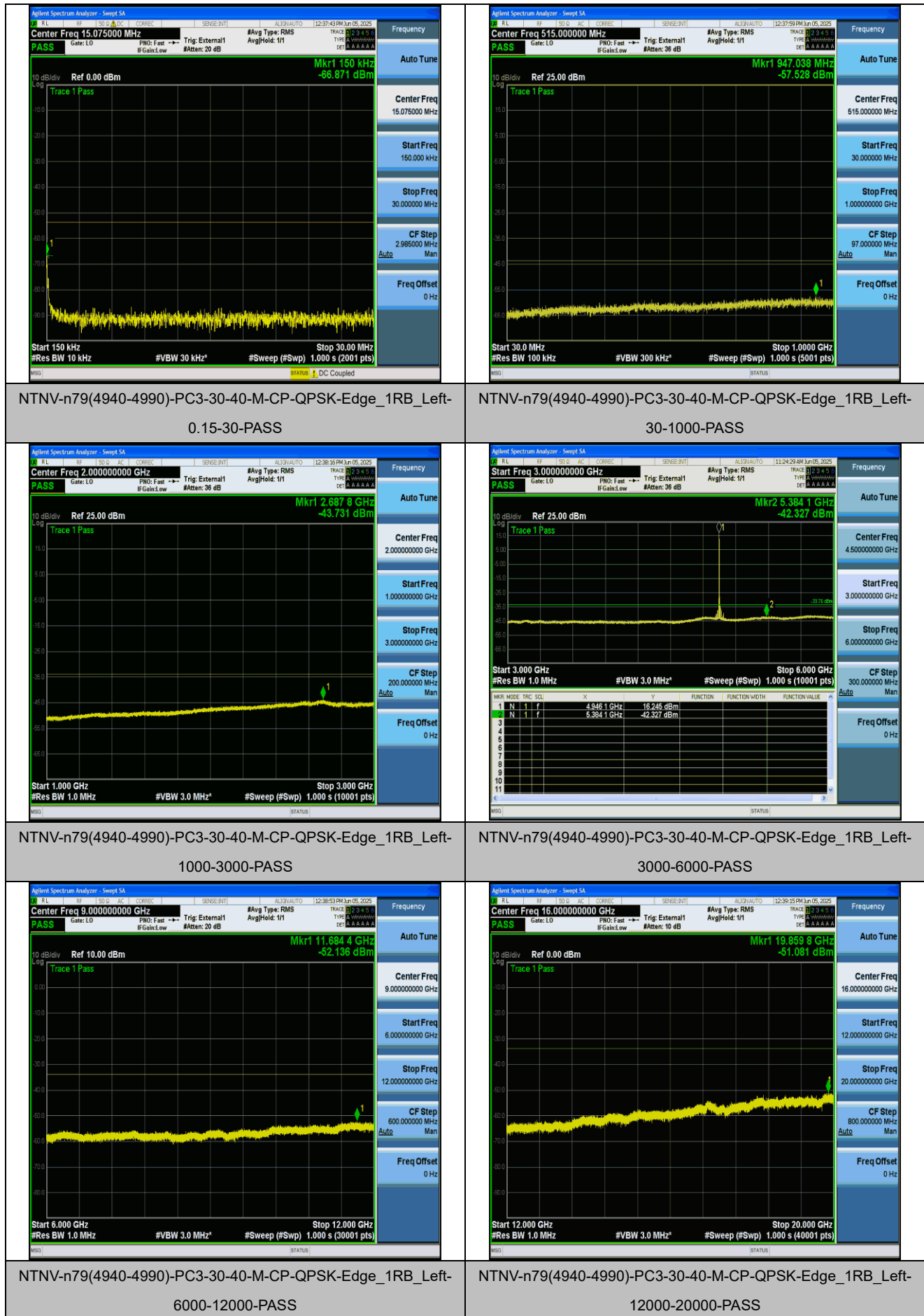


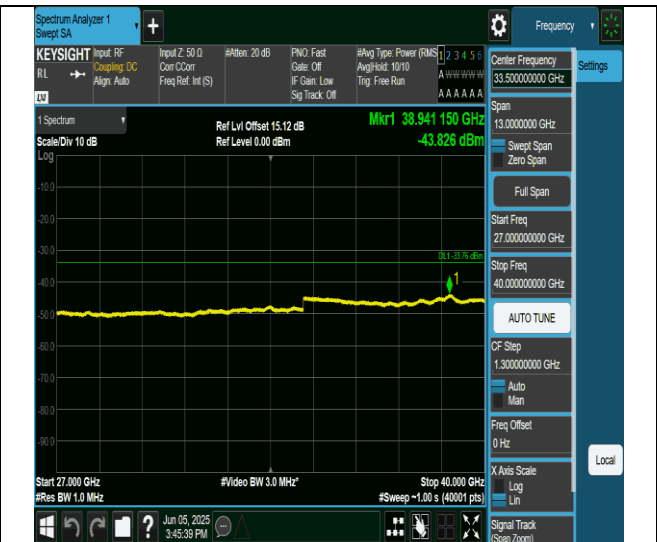
NTNV-n79(4940-4990)-PC3-30-40-L-DFT-BPSK-Edge\_1RB\_Left-  
3000-6000-PASSNTNV-n79(4940-4990)-PC3-30-40-L-DFT-BPSK-Edge\_1RB\_Left-  
6000-12000-PASSNTNV-n79(4940-4990)-PC3-30-40-L-DFT-BPSK-Edge\_1RB\_Left-  
12000-20000-PASSNTNV-n79(4940-4990)-PC3-30-40-L-DFT-BPSK-Edge\_1RB\_Left-  
20000-27000-PASSNTNV-n79(4940-4990)-PC3-30-40-L-DFT-BPSK-Edge\_1RB\_Left-  
27000-40000-PASSNTNV-n79(4940-4990)-PC3-30-40-L-CP-QPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS



NTNV-n79(4940-4990)-PC3-30-40-L-CP-QPSK-Edge\_1RB\_Left-  
20000-27000-PASSNTNV-n79(4940-4990)-PC3-30-40-L-CP-QPSK-Edge\_1RB\_Left-  
27000-40000-PASSNTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
0.009-0.15-PASSNTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
0.15-30-PASSNTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
30-1000-PASSNTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
1000-3000-PASS

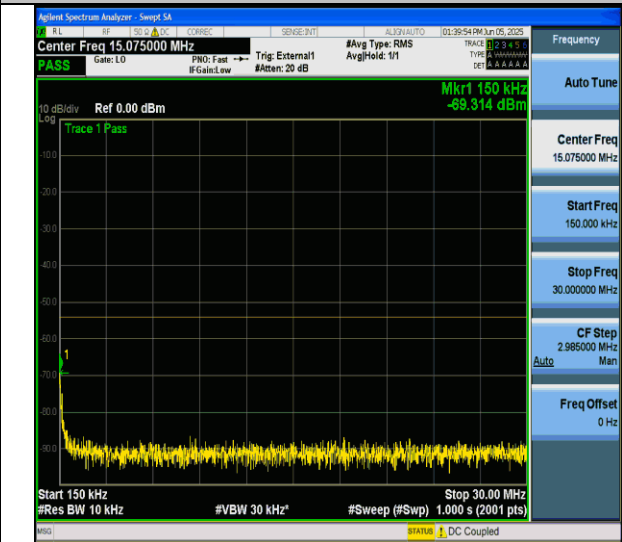
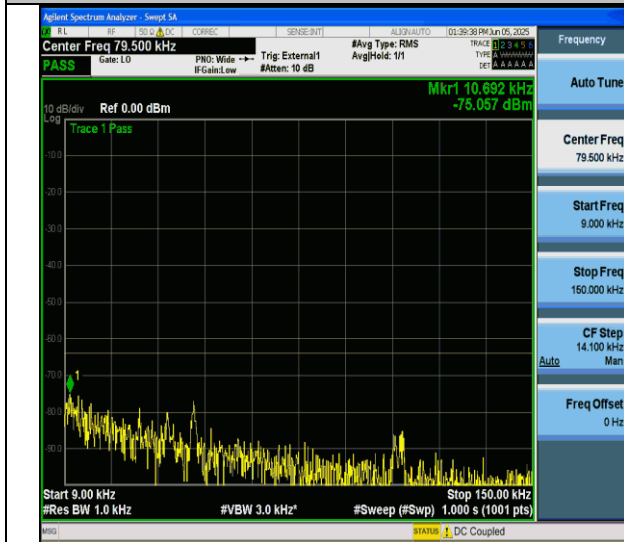
NTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
3000-6000-PASSNTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
6000-12000-PASSNTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
12000-20000-PASSNTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
20000-27000-PASSNTNV-n79(4940-4990)-PC3-30-40-M-DFT-BPSK-Edge\_1RB\_Left-  
27000-40000-PASSNTNV-n79(4940-4990)-PC3-30-40-M-CP-QPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS





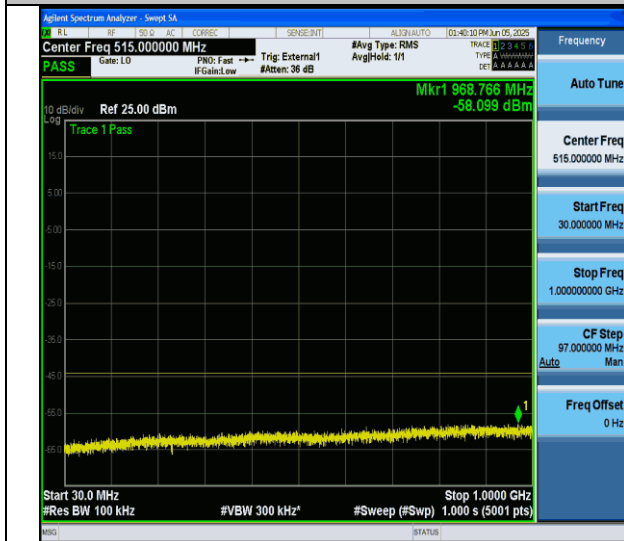
NTNV-n79(4940-4990)-PC3-30-40-M-CP-QPSK-Edge\_1RB\_Left-  
20000-27000-PASS

NTNV-n79(4940-4990)-PC3-30-40-M-CP-QPSK-Edge\_1RB\_Left-  
27000-40000-PASS



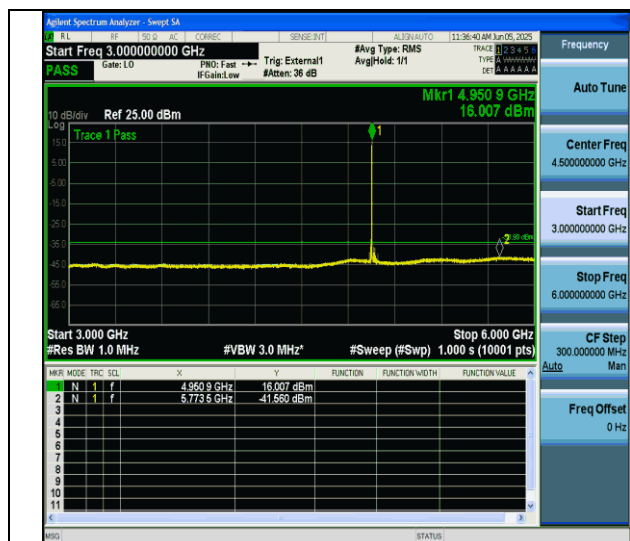
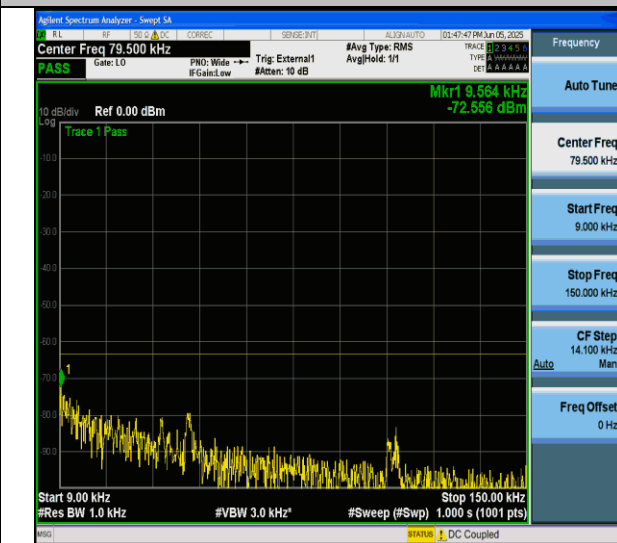
NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS

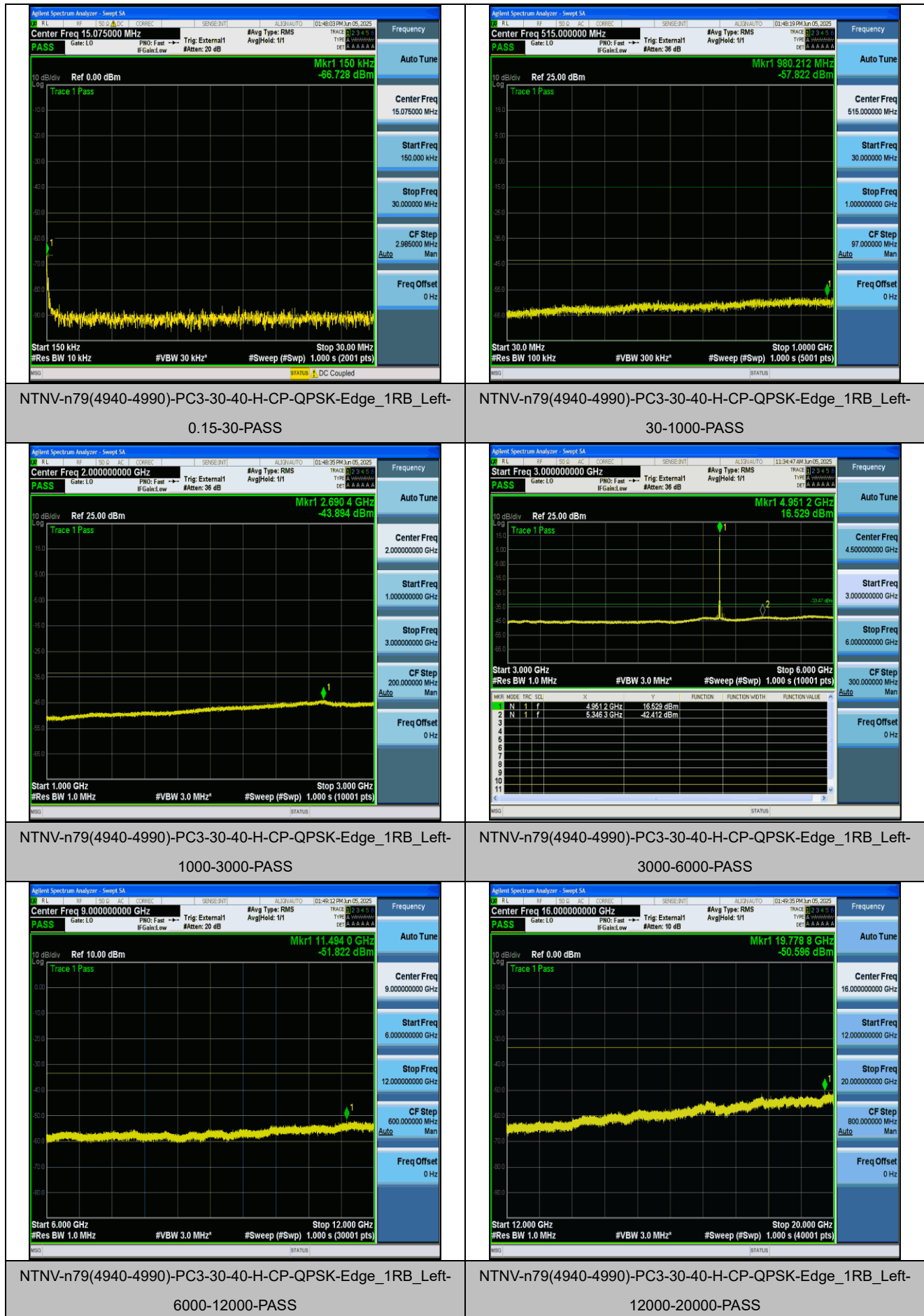
NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
0.15-30-PASS



NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
30-1000-PASS

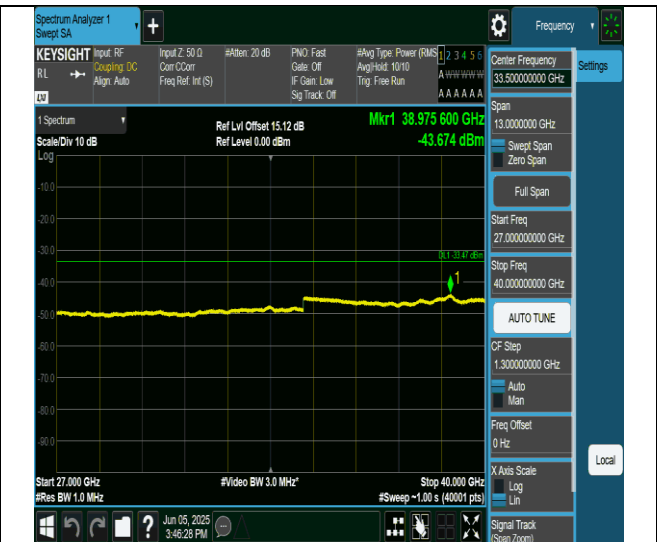
NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
1000-3000-PASS

NTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
3000-6000-PASSNTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
6000-12000-PASSNTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
12000-20000-PASSNTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
20000-27000-PASSNTNV-n79(4940-4990)-PC3-30-40-H-DFT-BPSK-Edge\_1RB\_Left-  
27000-40000-PASSNTNV-n79(4940-4990)-PC3-30-40-H-CP-QPSK-Edge\_1RB\_Left-  
0.009-0.15-PASS





NTNV-n79(4940-4990)-PC3-30-40-H-CP-QPSK-Edge\_1RB\_Left-  
20000-27000-PASS



NTNV-n79(4940-4990)-PC3-30-40-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 |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | VL      | NT   | 15.3           | 0.003082        | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | VN      | NT   | -5.2           | -0.001047       | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | VH      | NT   | -4.4           | -0.000886       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | VL      | NT   | -9.3           | -0.001873       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | VN      | NT   | 4.5            | 0.000906        | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | VH      | NT   | -15.9          | -0.003202       | PASS    |

#### Frequency Error VS. Temperature

| Temperature    |     |           |            |         |            |         |      |                |                 |         |
|----------------|-----|-----------|------------|---------|------------|---------|------|----------------|-----------------|---------|
| Band           | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temp | Deviation (Hz) | Deviation (ppm) | Verdict |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | -30  | -5.3           | -0.001067       | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | -20  | -11.8          | -0.002377       | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | -10  | -7.7           | -0.001551       | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | 0    | -2.4           | -0.000483       | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | 10   | -5.9           | -0.001188       | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | 20   | -7.2           | -0.00145        | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | 30   | -11            | -0.002215       | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | 40   | -9.3           | -0.001873       | PASS    |
| n79(4940-4990) | 30  | 40        | DFT-BPSK   | M       | Outer_Full | NV      | 50   | -8.6           | -0.001732       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | -30  | -13            | -0.002618       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | -20  | 11.1           | 0.002236        | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | -10  | -14.3          | -0.00288        | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | 0    | -7.5           | -0.001511       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | 10   | -15.7          | -0.003162       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | 20   | -9.1           | -0.001833       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | 30   | -9.8           | -0.001974       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | 40   | -10.5          | -0.002115       | PASS    |
| n79(4940-4990) | 30  | 40        | CP-QPSK    | M       | Outer_Full | NV      | 50   | 2.2            | 0.000443        | PASS    |

~The End~